FCC PART 15.407
ISED RSS-247, ISSUE 2
NATIONAL COMMUNICATIONS COMMITTEE LP0002
DYNAMIC FREQUENCY SELECTION
TEST REPORT

For

Cisco Systems Inc.

125 West Tasman Drive,
San Jose, CA 95134 USA

FCC ID: LDKVCVER1937
IC: 2461N-VCVER1937

Report Type: Original Report		**Product Type:** Cisco Catalyst 9120AX Series
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Report Number	R1902193-DFS	
Report Date	2019-06-04	
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ACCREDITED
CERTIFICATE #3297.02

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. This report **must not** be used by the customer to claim product certification, approval, or endorsement by A2LA* or any agency of the Federal Government.
* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "*"

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	R1902193-DFS	Original Report	2019-06-04

1 General Description

1.1 Product Description for Equipment under Test (EUT)

This test and measurement report was prepared on behalf of *Cisco Systems Inc*., and their product model: *C9120AXI-B (U.S.), C9120AXI-A (Canada) and C9120AXI-T (Taiwan)* as referred to as EUT in this report. The product is a 4x4 Dual Band Access Point.

1.2 Mechanical Description of EUT

Length (mm)	Width (mm)	Height (mm)	Weight (g)
170	170	40	1000

1.3 Objective

This report is prepared on behalf of *Cisco Systems Inc.* in accordance with FCC CFR47 §15.407 (h), RSS-247 Issue 2, LP0002-2018 and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

The objective is to determine compliance with FCC, ISEDC and NCC rules for DFS Detection Threshold, Channel Availability Check Time, Uniform Spreading U-NII Detection Bandwidth, Channel Closing Transmission Time, and Channel Move time in Master Mode.

1.4 Related Submittal(s)/Grant(s)

FCC 15.407 Reports

1.5 Test Methodology

FCC CFR 47 Part2, Part15.407 (h), RSS-247 Issue 2, NCC LP0002-2018

KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350 MHz AND 5470-5725 MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION

1.6 Test Facility Registrations

BACLs test facilities that are used to perform Radiated and Conducted Emissions tests are currently recognized by the Federal Communications Commission as Accredited with NIST Designation Number US1129.

BACL's test facilities that are used to perform Radiated and Conducted Emissions tests are currently registered with Industry Canada under Registration Numbers: 3062A-1, 3062A-2, and 3062A-3.

BACL is a Chinese Taipei Bureau of Standards Metrology and Inspection (BSMI) validated Conformity Assessment Body (CAB), under Annex B, Phase I Procedures of the APEC Mutual Recognition Arrangement (MRA). BACL's BSMI Lab Code Number is: SL2-IN-E-1002R

BACL's test facilities that are used to perform AC Line Conducted Emissions, Telecommunications Line Conducted Emissions, Radiated Emissions from 30 MHz to 1 GHz, and Radiated Emissions from 1 GHz to 6 GHz are currently recognized as Accredited in accordance with the Voluntary Control Council for Interference [VCCI] Article 15 procedures under Registration Number A-0027.

1.7 Test Facility Accreditations

Bay Area Compliance Laboratories Corp. (BACL) is:

A- ***An independent, 3rd-Party, Commercial Test Laboratory accredited to ISO/IEC 17025:2005 by A2LA (Test Laboratory Accreditation Certificate Number 3279.02)*****,** in the fields of: Electromagnetic Compatibility and Telecommunications. Unless noted by an Asterisk (*) in the Compliance Matrix (See Section 3 of this Test Report), BACL's ISO/IEC 17025:2005 Scope of Accreditation includes all of the Test Method Standards and/or the Product Family Standards detailed in this Test Report..

BACL's ISO/IEC 17025:2005 Scope of Accreditation includes a comprehensive suite of EMC Emissions, EMC Immunity, Radio, RF Exposure, Safety and wireline Telecommunications test methods applicable to a wide range of product categories. These product categories include Central Office Telecommunications Equipment [including NEBS - Network Equipment Building Systems], Unlicensed and Licensed Wireless and RF devices, Information Technology Equipment (ITE); Telecommunications Terminal Equipment (TTE); Medical Electrical Equipment; Industrial, Scientific and Medical Test Equipment; Professional Audio and Video Equipment; Industrial and Scientific Instruments and Laboratory Apparatus; Cable Distribution Systems, and Energy Efficient Lighting.

B- ***A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3279.03)*** to certify

- For the USA (Federal Communications Commission):
  - 1- All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
  - 2- All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
  - 3- All Telephone Terminal Equipment within FCC Scope C.
- For the Canada (Industry Canada):
  - 1 All Scope 1-Licence-Exempt Radio Frequency Devices;
  - 2 All Scope 2-Licensed Personal Mobile Radio Services;
  - 3 All Scope 3-Licensed General Mobile & Fixed Radio Services;
  - 4 All Scope 4-Licensed Maritime & Aviation Radio Services;
  - 5 All Scope 5-Licensed Fixed Microwave Radio Services
  - 6 All Broadcasting Technical Standards (BETS) in the Category I Equipment Standards List.
- For Singapore (Info-Communications Development Authority (IDA)):
  - 1 All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2
  - 2. All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2
- For the Hong Kong Special Administrative Region:

1 All Radio Equipment, per KHCA 10XX-series Specifications;
2 All GMDSS Marine Radio Equipment, per HKCA 12XX-series Specifications;
3 All Fixed Network Equipment, per HKCA 20XX-series Specifications.

- For Japan:

1 MIC Telecommunication Business Law (Terminal Equipment):
- All Scope A1 - Terminal Equipment for the Purpose of Calls;
- All Scope A2 - Other Terminal Equipment

2 Radio Law (Radio Equipment):
- All Scope B1 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
- All Scope B2 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
- All Scope B3 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

C- ***A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3279.01)*** to certify Products to USA's Environmental Protection Agency (EPA) ENERGY STAR Product Specifications for:

1 Electronics and Office Equipment:
- for Telephony (ver. 3.0)
- for Audio/Video (ver. 3.0)
- for Battery Charging Systems (ver. 1.1)
- for Set-top Boxes & Cable Boxes (ver. 4.1)
- for Televisions (ver. 6.1)
- for Computers (ver. 6.0)
- for Displays (ver. 6.0)
- for Imaging Equipment (ver. 2.0)
- for Computer Servers (ver. 2.0)

2 Commercial Food Service Equipment
- for Commercial Dishwashers (ver. 2.0)
- for Commercial Ice Machines (ver. 2.0)
- for Commercial Ovens (ver. 2.1)
- for Commercial Refrigerators and Freezers

3 Lighting Products
- For Decorative Light Strings (ver. 1.5)
- For Luminaires (including sub-components) and Lamps (ver. 1.2)
- For Compact Fluorescent Lamps (CFLs) (ver. 4.3)
- For Integral LED Lamps (ver. 1.4)

4 Heating, Ventilation, and AC Products
- for Residential Ceiling Fans (ver. 3.0)
- for Residential Ventilating Fans (ver. 3.2)

5 Other
- For Water Coolers (ver. 3.0)

D- ***A NIST Designated Phase-I and Phase-II Conformity Assessment Body (CAB) for the following economies and regulatory authorities under the terms of the stated MRAs/Treaties:***

- Australia: ACMA (Australian Communication and Media Authority) – APEC Tel MRA -Phase I;
- Canada: (Innovation, Science and Economic development Canada - ISEDC) Foreign Certification Body – FCB – APEC Tel MRA -Phase I & Phase II;
- Chinese Taipei (Republic of China – Taiwan):
  - BSMI (Bureau of Standards, Metrology and Inspection) APEC Tel MRA -Phase I;
  - NCC (National Communications Commission) APEC Tel MRA -Phase I;

- European Union:
  - EMC Directive 2014/30/EU US-EU EMC & Telecom MRA CAB (NB)
  - Radio Equipment (RE) Directive 2014/53/EU US-EU EMC & Telecom MRA CAB (NB)
  - Low Voltage Directive (LVD) 2014/35/EU
- Hong Kong Special Administrative Region: (Office of the Telecommunications Authority – OFTA) APEC Tel MRA -Phase I & Phase II
- Israel – US-Israel MRA Phase I
- Republic of Korea (Ministry of Communications - Radio Research Laboratory) APEC Tel MRA -Phase I
- Singapore: (Infocomm Media Development Authority - IMDA) APEC Tel MRA -Phase I & Phase II;
- Japan: VCCI - Voluntary Control Council for Interference US-Japan Telecom Treaty VCCI Side Letter-
- USA:
  - ENERGY STAR Recognized Test Laboratory – US EPA
  - Telecommunications Certification Body (TCB) – US FCC;
  - Nationally Recognized Test Laboratory (NRTL) – US OSHA

Vietnam: APEC Tel MRA -Phase I;

2 EUT Test Configuration

2.1 Justification

The EUT was configured for testing according to FCC Part 15.407(h), RSS-247 Issue 2 and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02

2.2 EUT Exercise Software

The test firmware used was Tera Term and test commands, provided by *Cisco Systems Inc.,* the software is compliant with the standard requirements being tested against.

2.3 Equipment Modifications

N/A

2.4 Local Support Equipment

Manufacturer	Description	Model	Serial Number
Dell	Laptop	Latitude E6410	3CKRAQ1
ASUS	Laptop	FX504G	J6NRCX037440249

2.5 Interface Ports and Cables

Cable Description	Length	To	From
Ethernet cable	2 m	PoE	EUT
Ethernet-serial-USB cable	2 m	EUT	Laptop

3 Summary of Test Results

The following result table represents the list of measurements required under the FCC CFR47 §15.407 (h), RSS-247 Issue 2, NCC LP0002-2018 and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

Items	Description of Test	Results
Detection Bandwidth	UNII Detection Bandwidth	Compliant
Performance Requirements Check	Initial Channel Availability Check Time (CAC)	Compliant
	Radar Burst at the Beginning of the CAC	Compliant
	Radar Burst at the End of the CAC	Compliant
In-Service Monitoring	Channel Move Time	Compliant
	Channel Closing Transmission Time	Compliant
	Non-Occupancy Period	Compliant
Radar Detection	Statistical Performance Check	Compliant

4 Applicable Standards

4.1 DFS Requirement

FCC CFR47 §15.407 (h), RSS-247 Issue 2, NCC LP0002-2018 §4.7.7.2 and KDB: 905462 D02 UNII DFS Compliance Procedures New Rules v02.

Table 1: Applicability of DFS requirements prior to use of a channel

Requirement	Operational Mode		
	Master	Client (Without radar detection)	Client (With radar detection)
Non-Occupancy Period	Yes	Not Required	Yes
DFS Detection Threshold	Yes	Not Required	Yes
Channel Availability Check Time	Yes	Not Required	Not Required
U-NII Detection Bandwidth	Yes	Not Required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

Table 3: Interference Threshold for Master and Client with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2 and 3)
EIRP≥ 200 milliwatt	-64 dBm
EIRP< 200 milliwatt and power spectral density < 10dBm/MHz	-62 dBm
EIRP< 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note3**: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds ***See Note 1***.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. ***See Notes 1 and 2***.
U-NII Detection Bandwidth	Minimum 100% of the UNII 99% transmission power bandwidth. ***See Note 3***.

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Table 5: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (Microseconds)	PRI (Microseconds)	Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 6: Long Pulse Radar Test Signal

Radar Type	Bursts	Chirp Width (MHz)	PRI (usec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

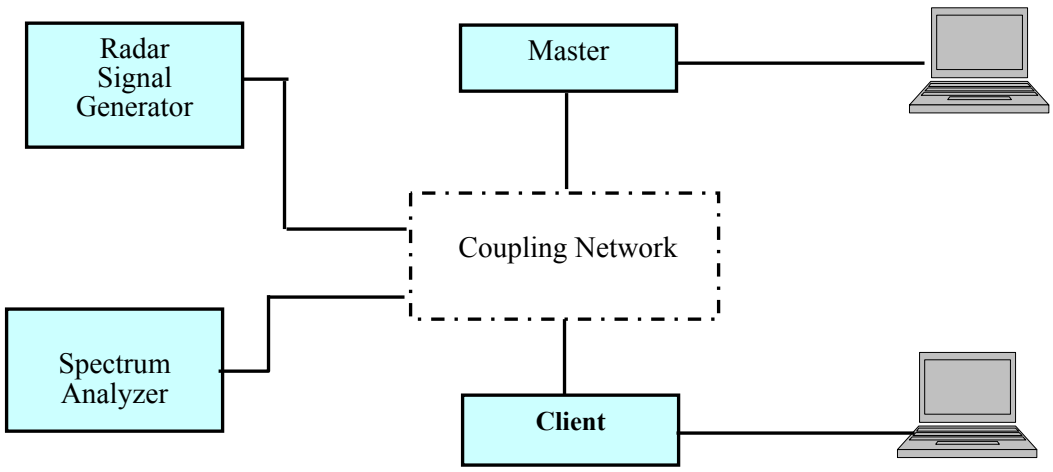
Table 7: Frequency Hopping Radar Test Signal

Radar Type	Pulse Width (usec)	PRI (usec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

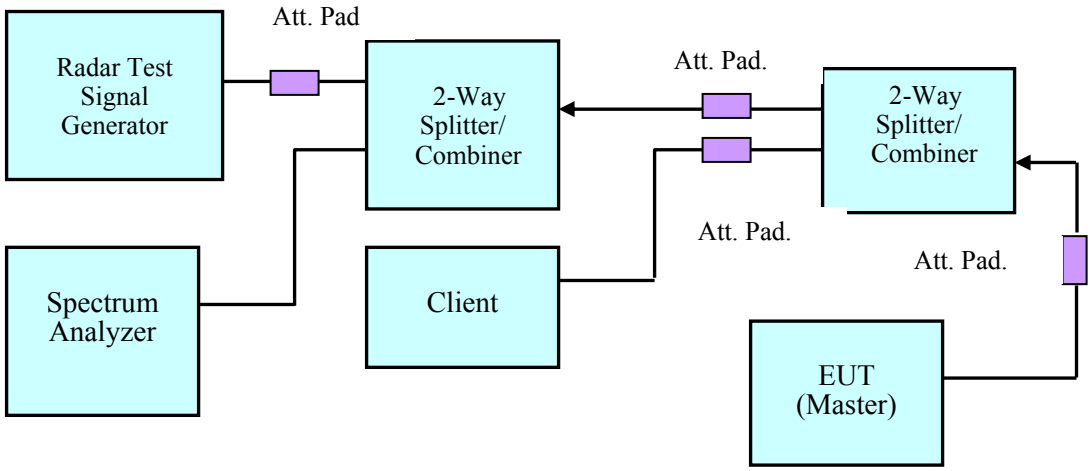
4.2 DFS Measurement System

BACL DFS measurement system consists of two subsystems: (1) The radar signal generating subsystem and (2) the traffic monitoring subsystem.

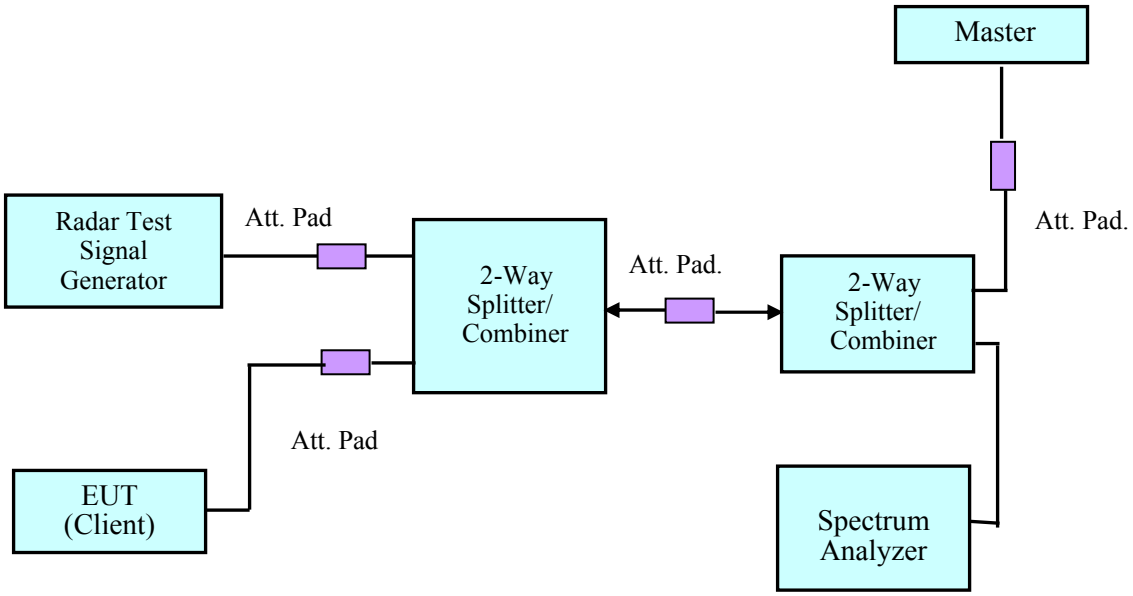
4.3 System Block Diagram



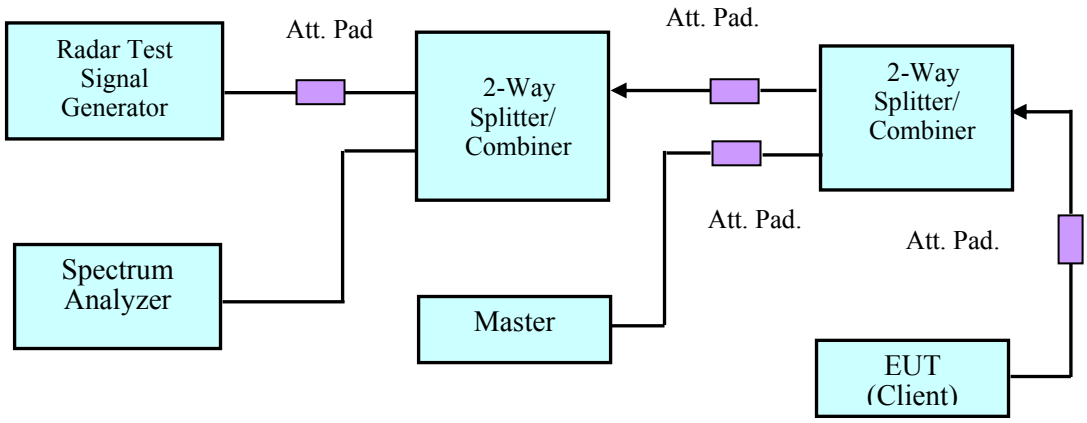
4.4 Conducted Method



Setup for Master with injection at the Master

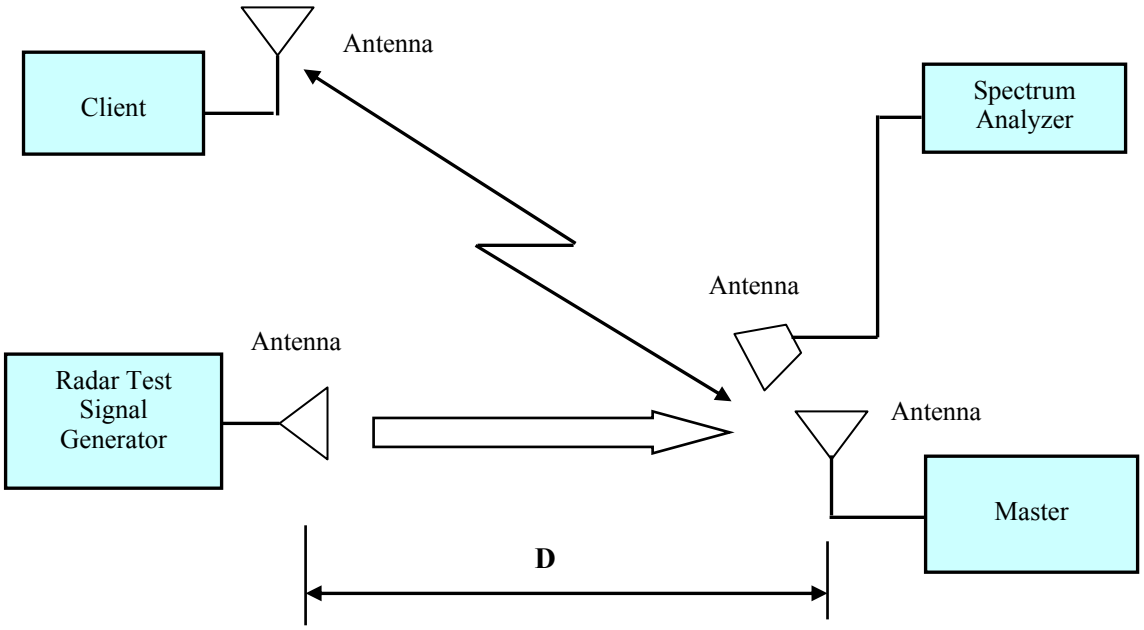


Setup for Client with injection at the Master



Setup for Client with injection at the Client

4.5 Radiated Method



4.6 Test Procedure

A spectrum analyzer is used as a monitor that verifies the EUT's status, which includes the Channel Closing Transmission Time and the Channel Move Time. The Spectrum analyzer is used to monitor the equipment under test (EUT) does not transmit on the same channel during the Non-Occupied Period after the radar detection. It is also used to monitor EUT transmissions during the Channel Availability Check Time.

5 Test Results

5.1 Description of EUT

The EUT operates in 5230-5350 MHz and 5470-5725 MHz range in Master Mode.

The rated output power of EUT is > 23 dBm (EIRP), Therefore the required interference threshold level is -64 dBm, the required radiated threshold at antenna port is -64 dBm.

The calibrated radiated DFS detection threshold level is set to -64 dBm.

WLAN traffic is generated by streaming the video file TestFile.mpg, this file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. The file is streamed from the Access Point to the Client in full motion video mode using the media player with the V2.61 Codec package.

5.2 Antenna Description

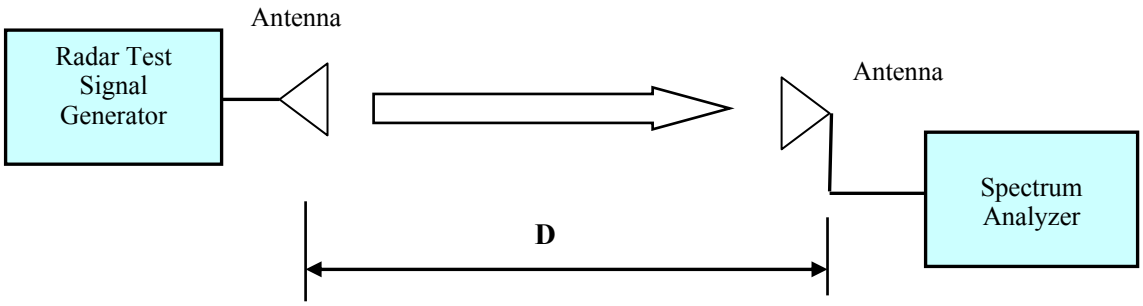
Radio	Antenna Type	Antenna Gain (dBi) @ 5 GHz
5 GHz XOR	Internal, VPOL	5
5 GHz Regular	Internal, Dual-Band, HPOL	5
5 GHz AUX	Internal, Dual-Band, HPOL	5

5.3 Test Equipment List and Details

Manufacturer	Equipment Description	Model	S/N	Calibration Date	Calibration Interval
National Instruments	NI PXI-1042 8-Slot chassis	PXI-1042	V08X01EE1	N/A	N/A
National Instruments	Arbitrary Waveform Generator	PXI-5421	N/A	N/A	N/A
National Instruments	RF Upconverter	PXI-5610	N/A	N/A	N/A
ASCOR	Upconverter	AS-7206	N/A	N/A	N/A
Agilent	Analyzer, Spectrum	E4440A	US45303156	2019-03-19	1 year
A.R.A.	Antenna Horn	DRG-118/A	1132	2018-02-13	2 years
EMCO	Antenna Horn	3115	9511-4627	2018-03-28	2 years
Mini-Circuits	Splitter/Combiner	2FSC-2-10G	0349	N/A	N/A
Narda	Splitter/Combiner	4326B-2	03514	N/A	N/A
Midwest	Attenuator	290-30	N/A	N/A	N/A
Mini-Circuits	Attenuator	BW-S30W2	N/A	N/A	N/A

Statement of Traceability: BACL Corp. attests that all calibrations have been performed per the A2LA requirements, traceable to the NIST.

5.4 Radar Waveform Calibration



Radiated Calibration Setup Block Diagram

5.5 Test Environmental Conditions

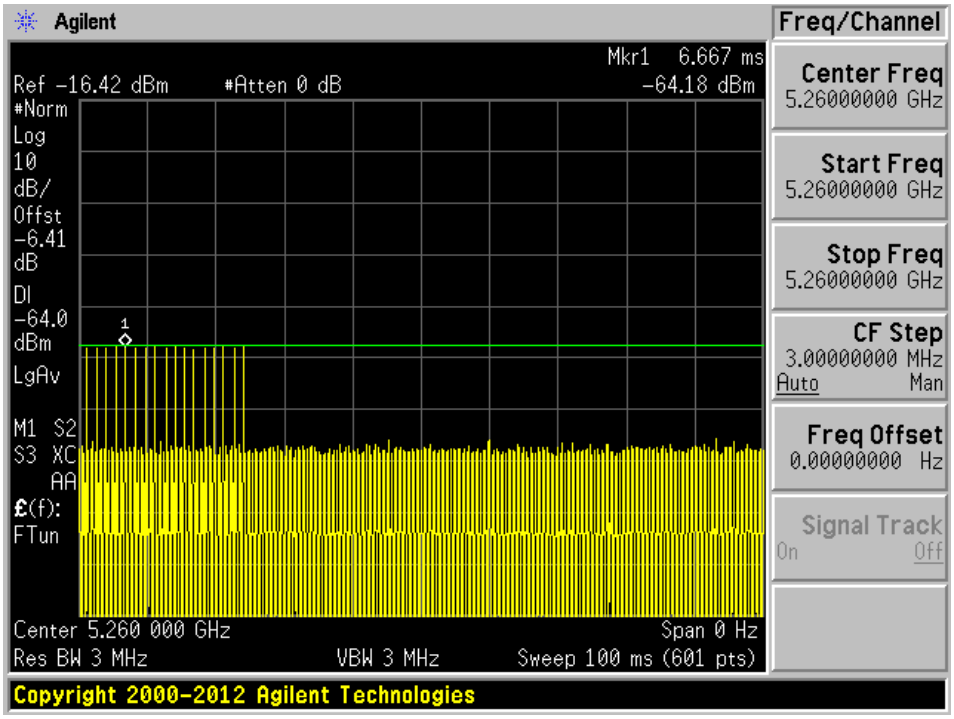
Temperature:	22-25° C
Relative Humidity:	45-48 %
ATM Pressure:	102.1 kPa

Testing was performed by Frank Wang on 2019-05-17 to 2019-05-21 in the 5 meter 3 chamber.

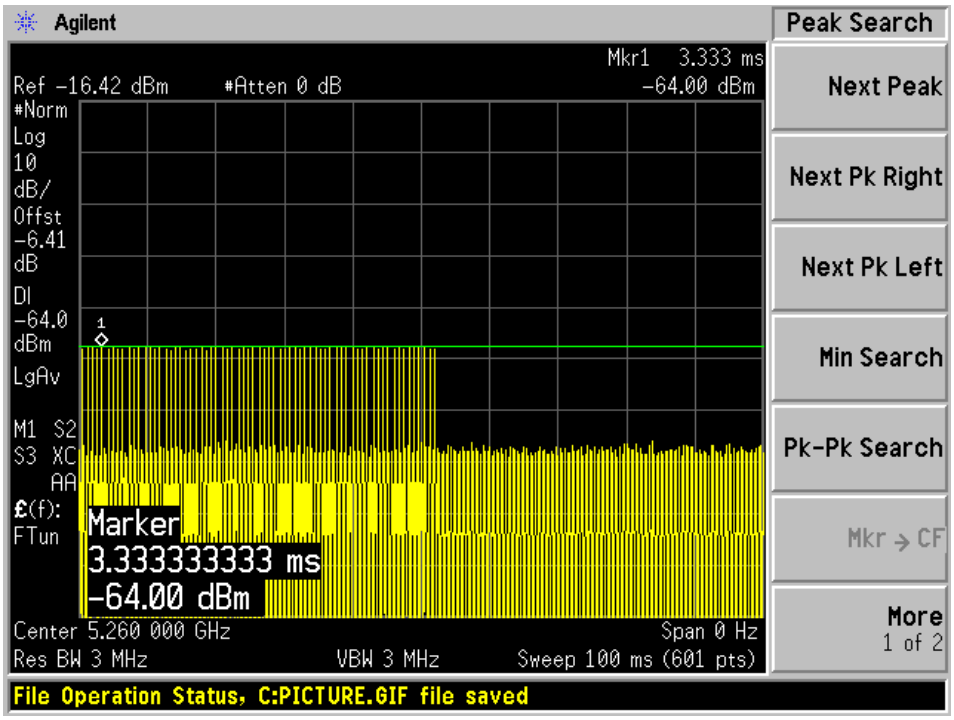
Plots of Radar Waveforms

5260 MHz

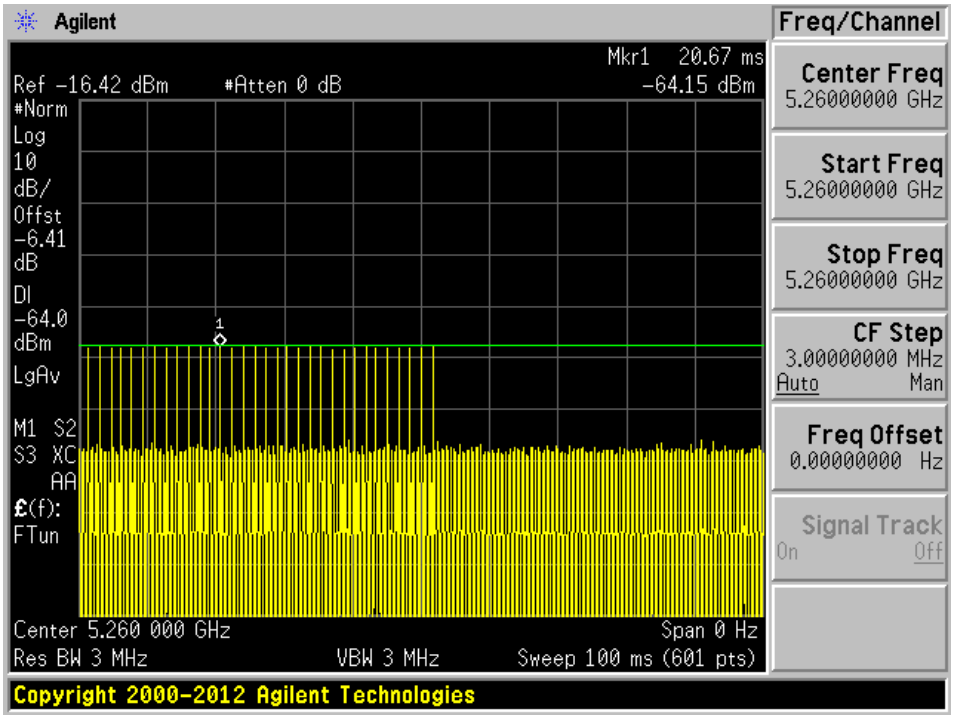
Radar Type 0



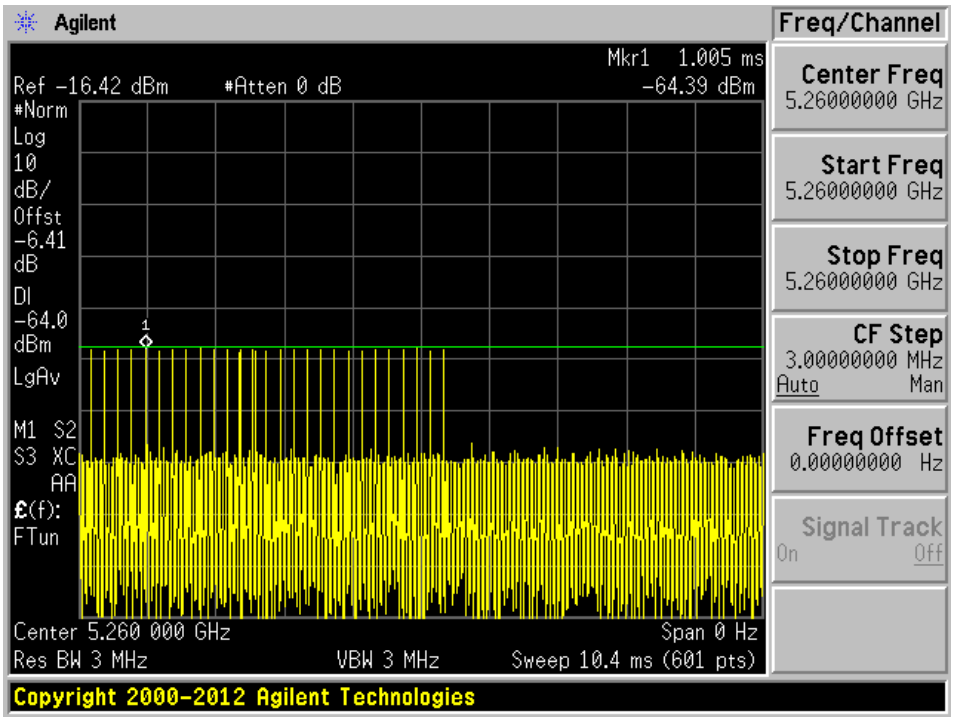
Radar Type 1A



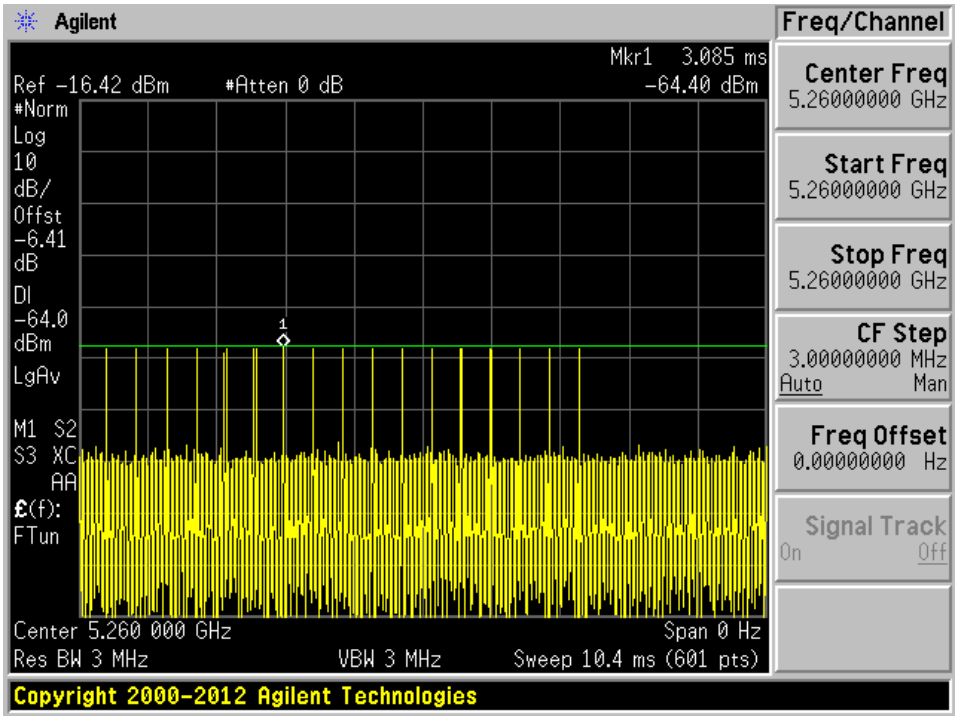
Radar Type 1B



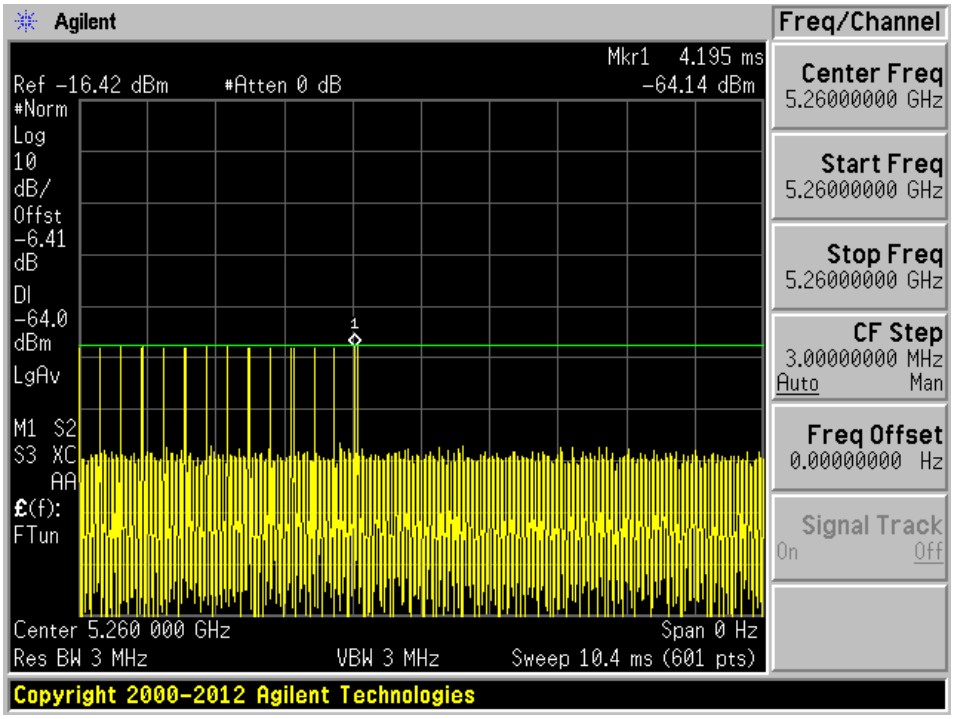
Radar Type 2



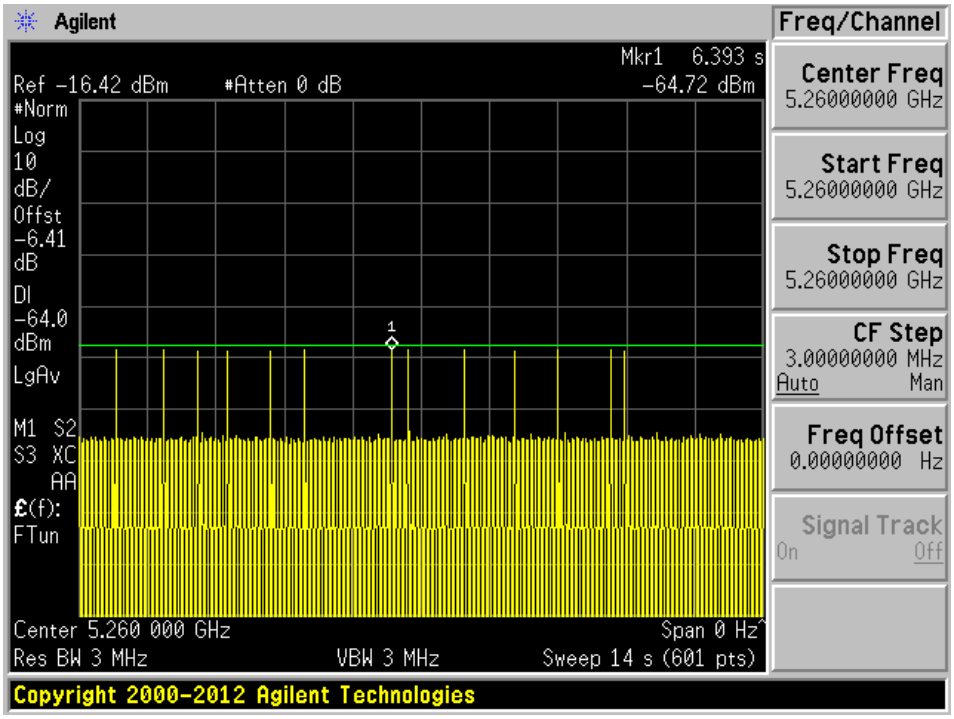
Radar Type 3



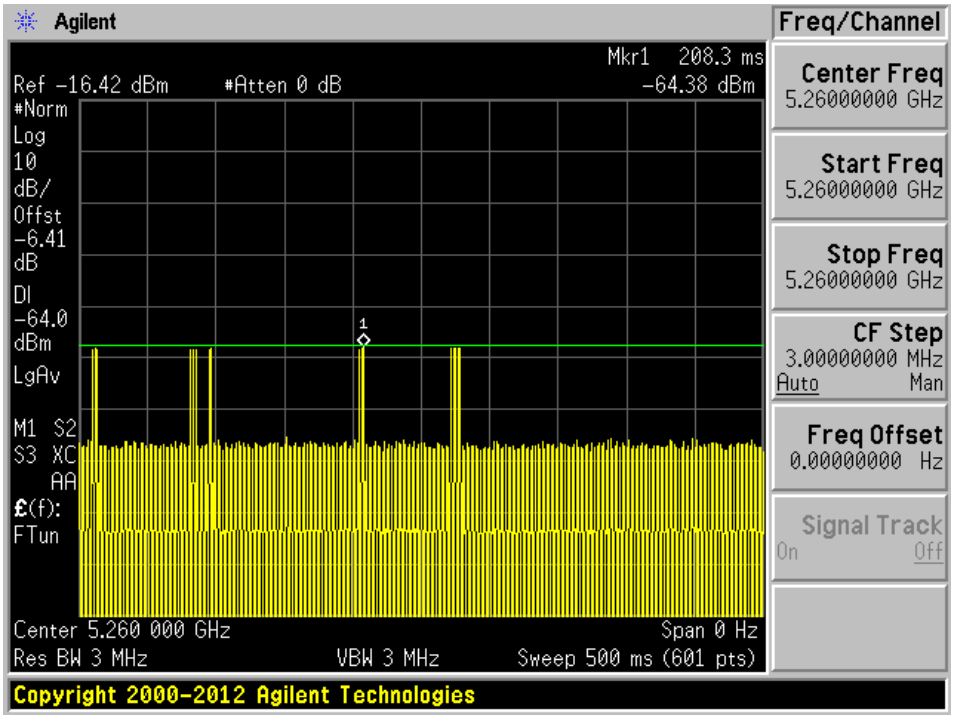
Radar Type 4



Radar Type 5

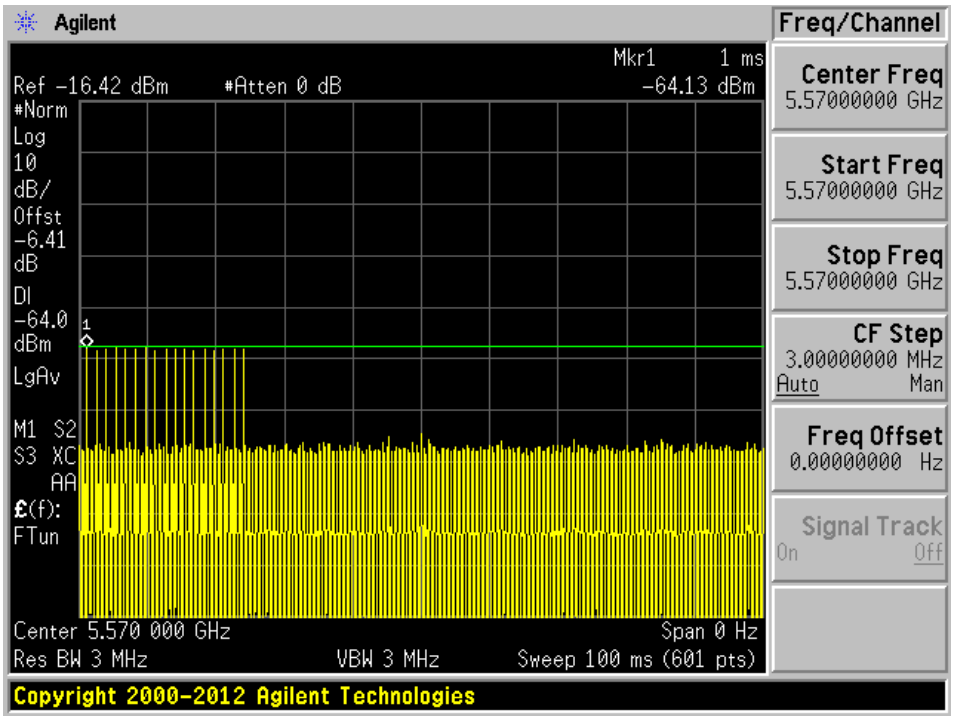


Radar Type 6

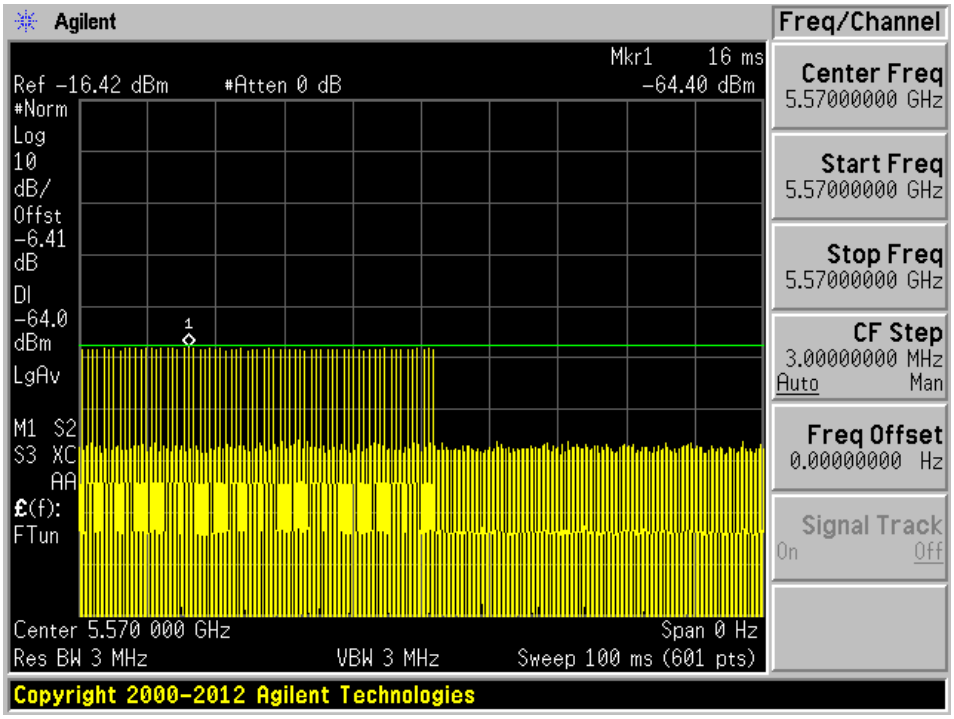


5570 MHz

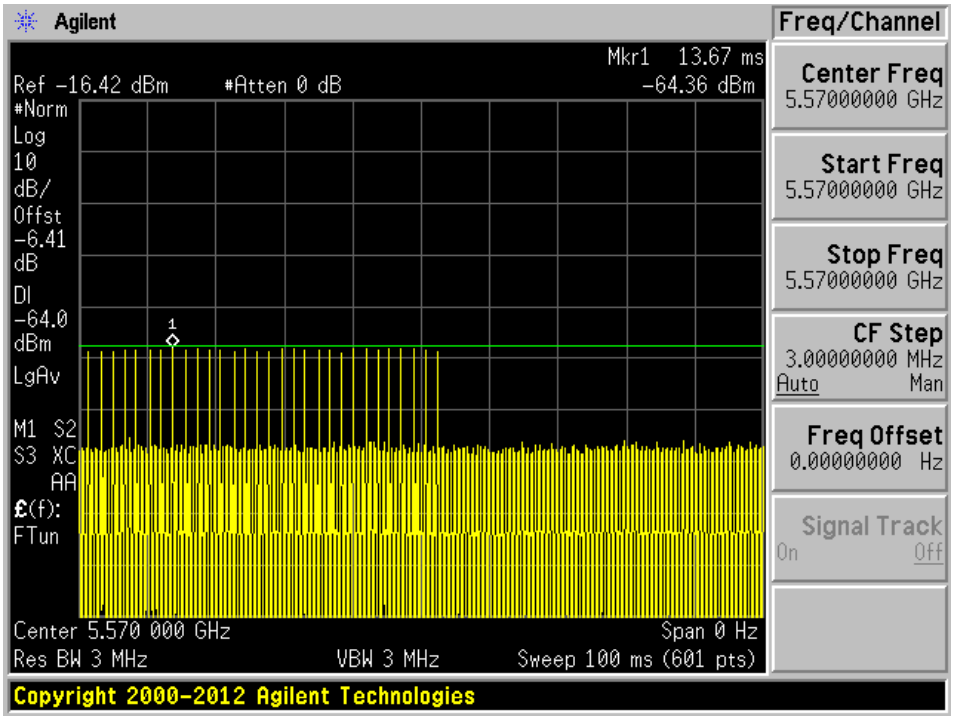
Radar Type 0



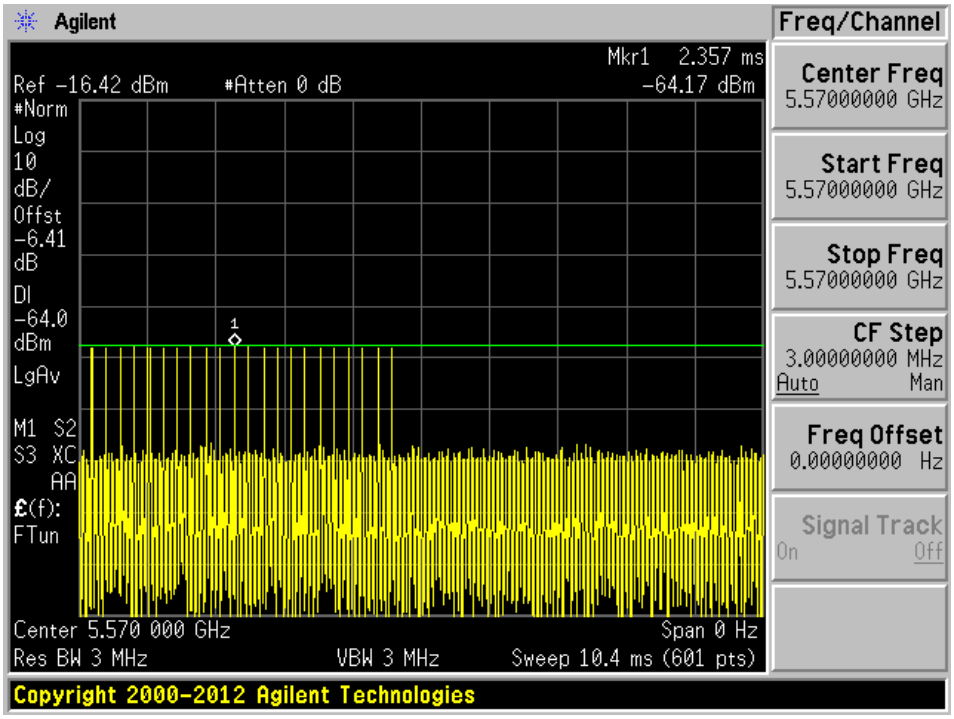
Radar Type 1A



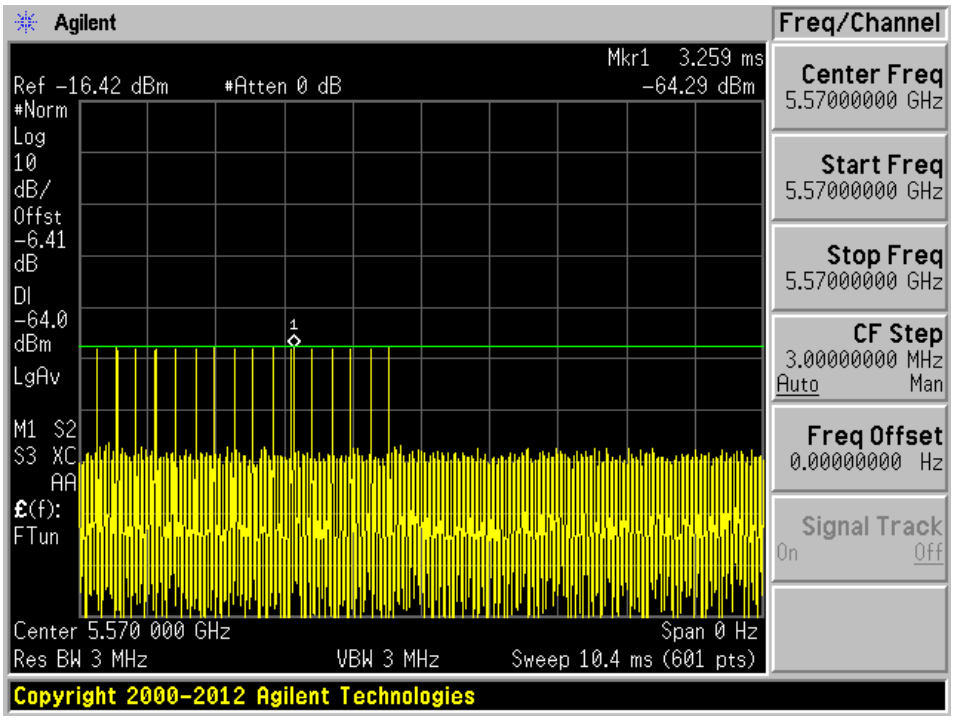
Radar Type 1B



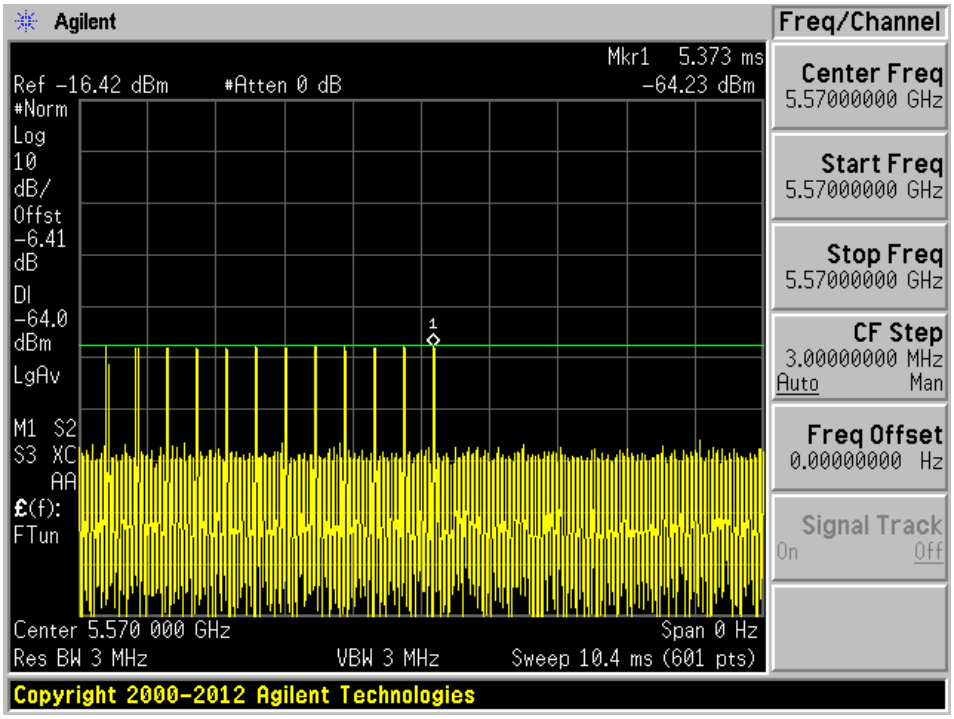
Radar Type 2



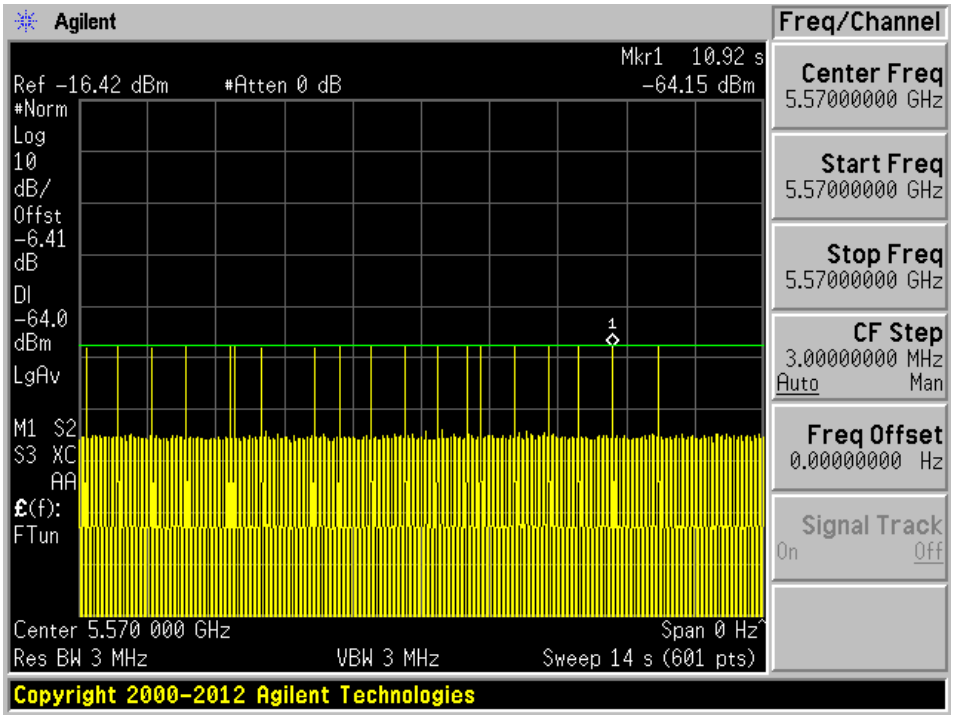
Radar Type 3



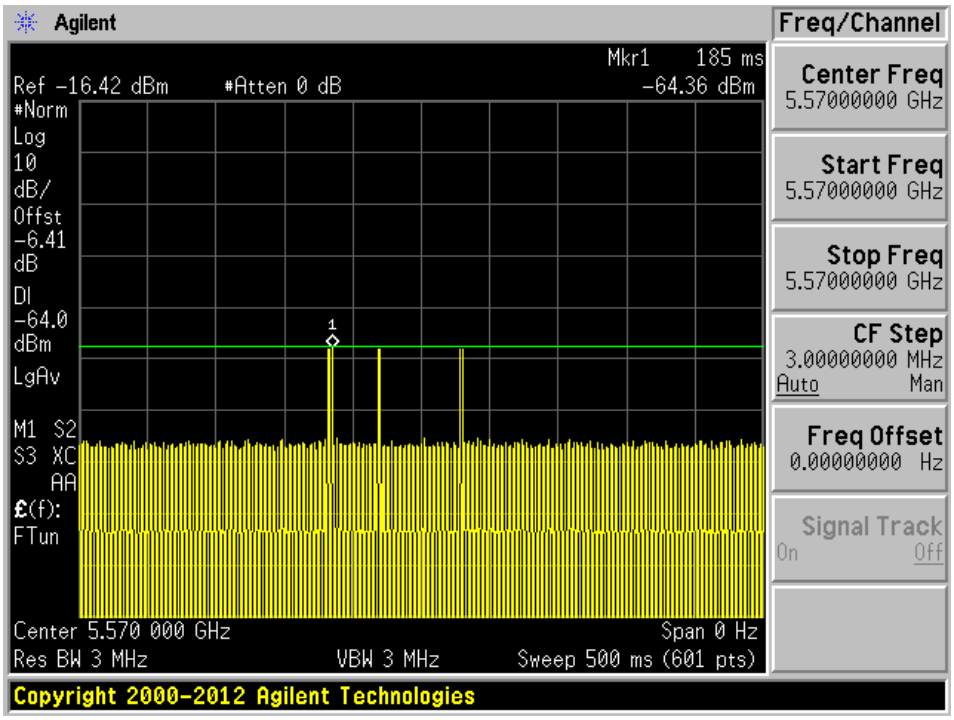
Radar Type 4



Radar Type 5



Radar Type 6



6 Channel Availability Check Time (CAC)

6.1 Test Procedure

1) Measure the CAC time period after executing the initiating CAC command.

2) With link established on channel, apply a radar signal within first 6 seconds after CAC starts; monitor the transmissions on channel from the spectrum analyzer.

3) With a link established on channel, apply a radar signal within last 6 seconds before CAC ends, and monitor the transmission on channel from the spectrum analyzer.

Note: EUT has command to initaiate CAC

6.2 Results:

5 GHz Regular Radio+5 GHz AUX

Timing of Radar Burst	Spectrum Analyzer Display	Result
No Radar Triggered	Total CAC Period 61 second	Pass
Within 6 seconds of the CAC starting	No transmission	Pass
Within the last 6 seconds of the CAC	No transmission	Pass

5 GHz XOR Radio+5 GHz AUX

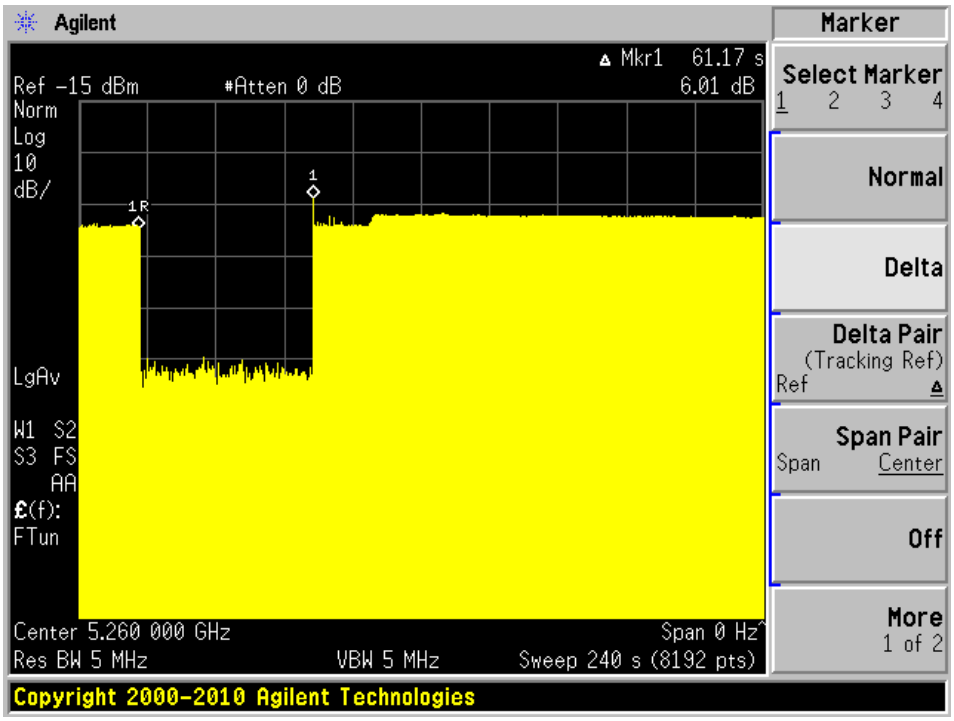
Timing of Radar Burst	Spectrum Analyzer Display	Result
No Radar Triggered	Total CAC Period 61 second	Pass
Within 6 seconds of the CAC starting	No transmission	Pass
Within the last 6 seconds of the CAC	No transmission	Pass

Note: The CAC was tested with the Radar type 0.

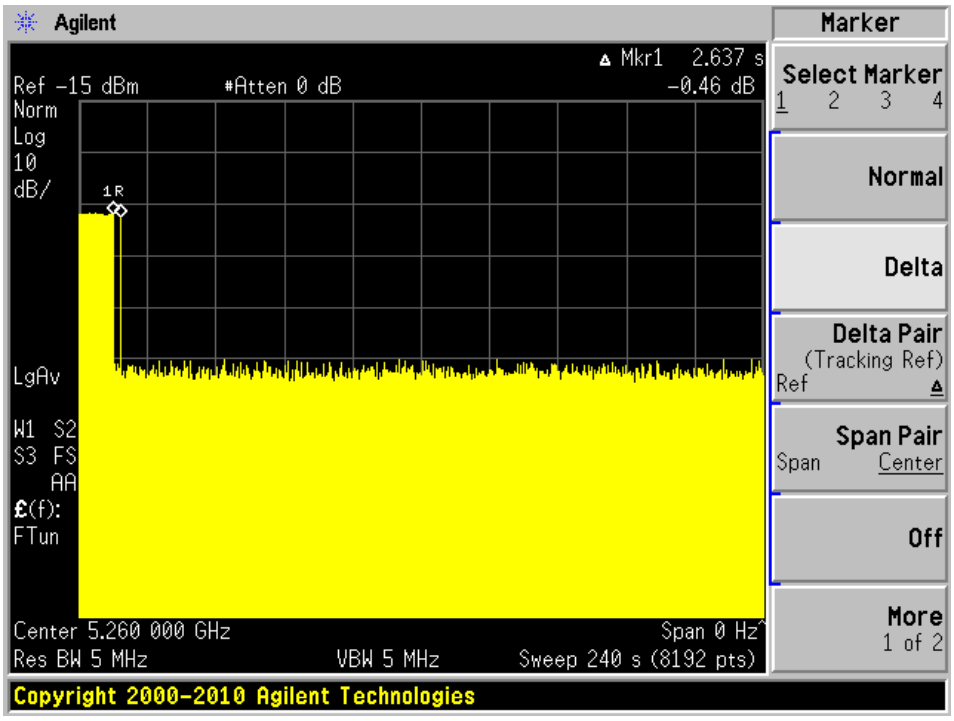
5 GHz Regular Radio + 5 GHz AUX

5260 MHz

Plot of CAC Time Period

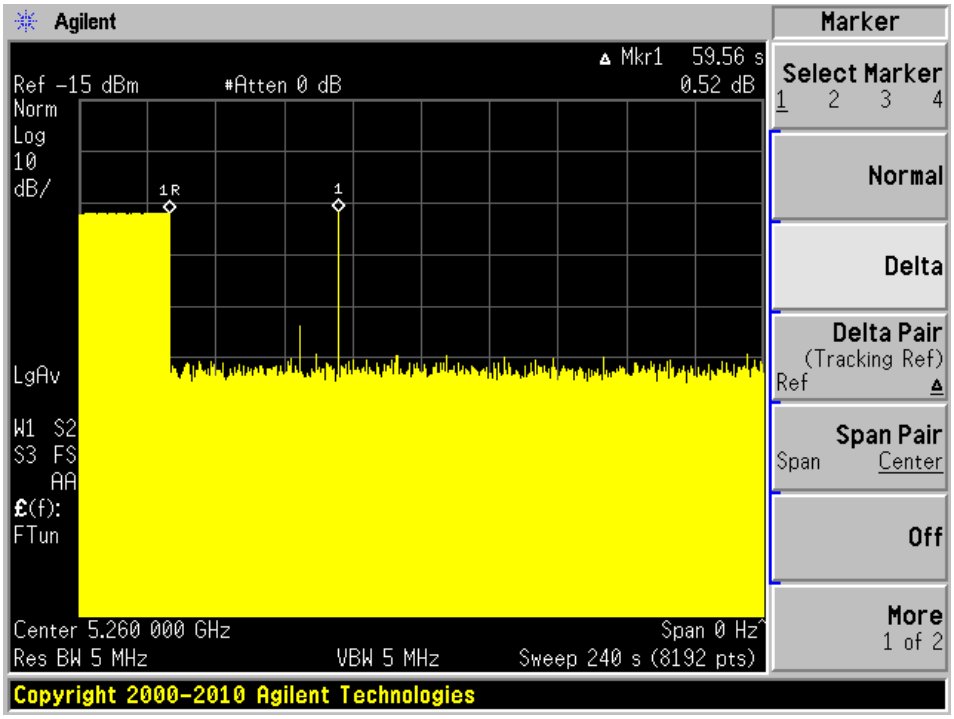


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

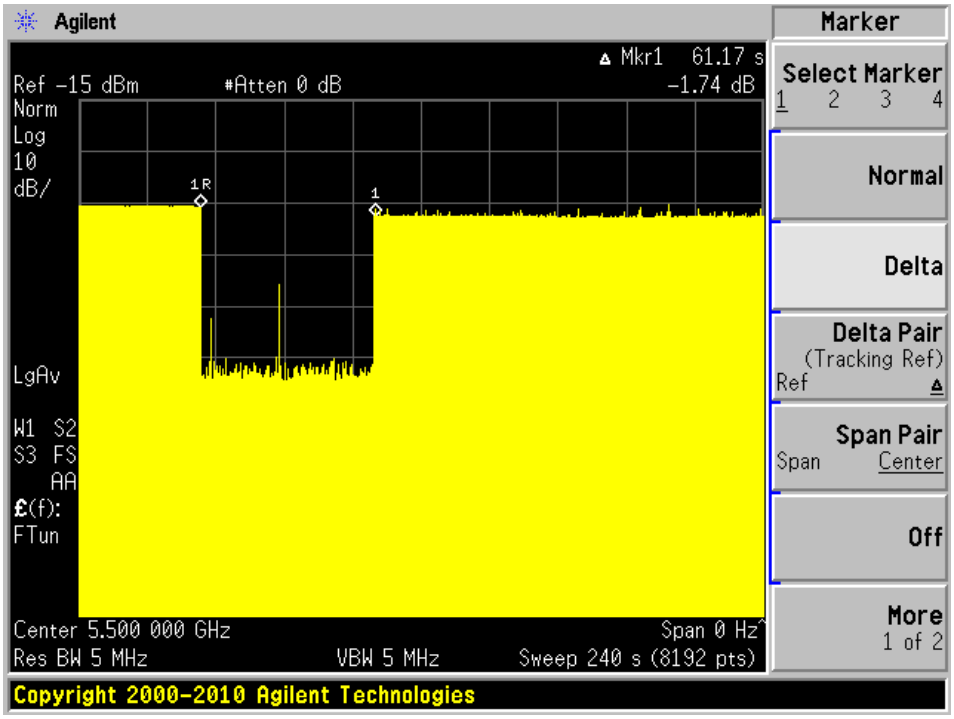
Plot of Radar signal applied at the end of 6 seconds of CAC



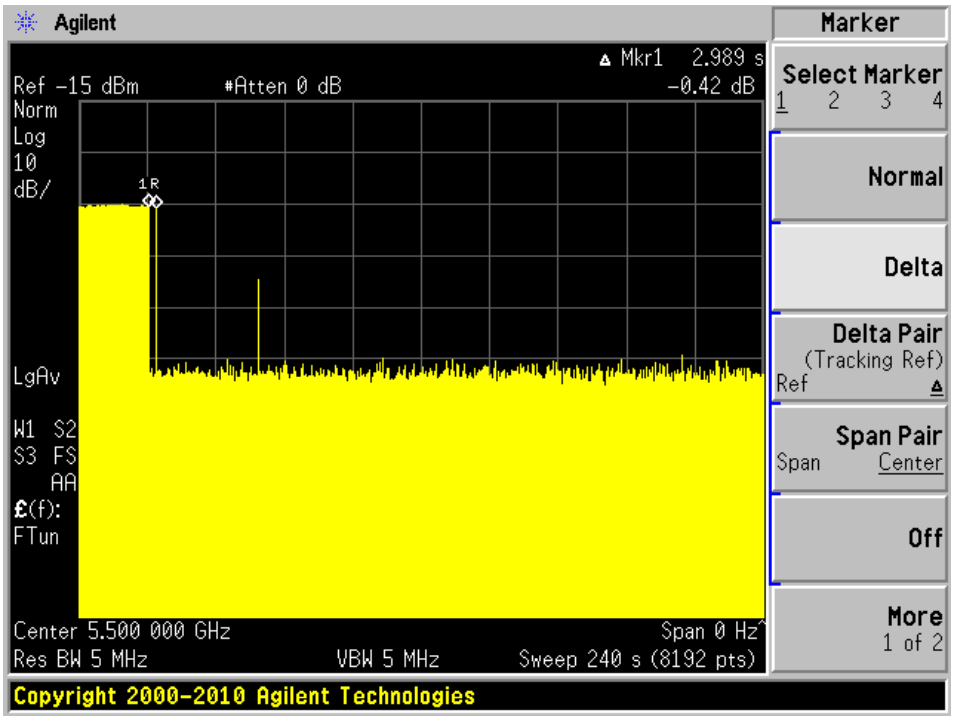
No transmissions found after radar signal applied.

5500 MHz

Plot of CAC Time Period

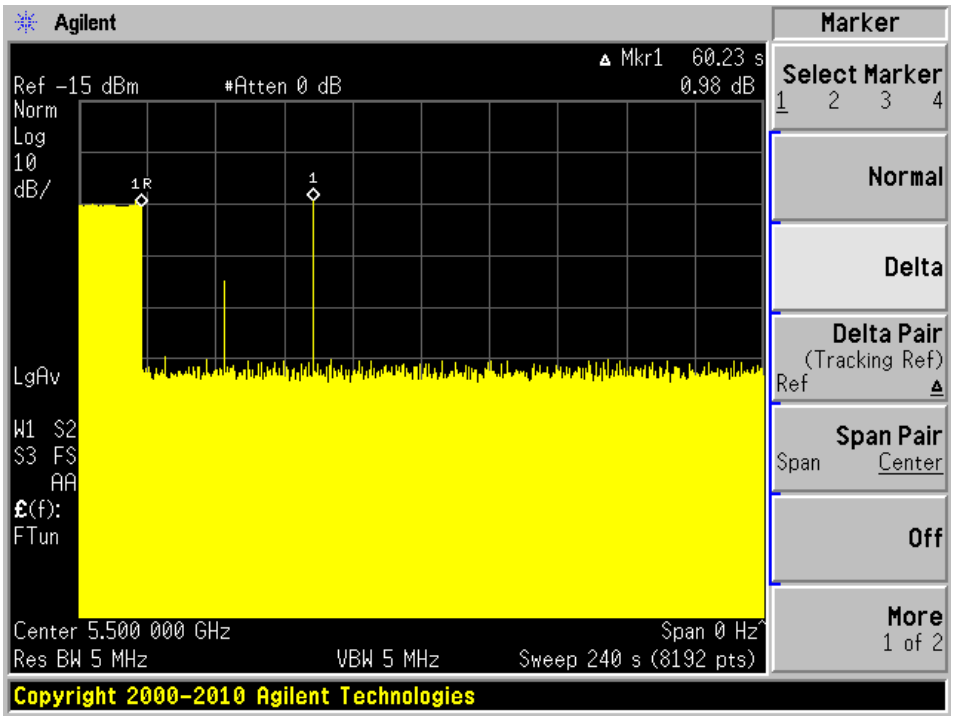


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

Plot of Radar signal applied at the end of 6 seconds of CAC

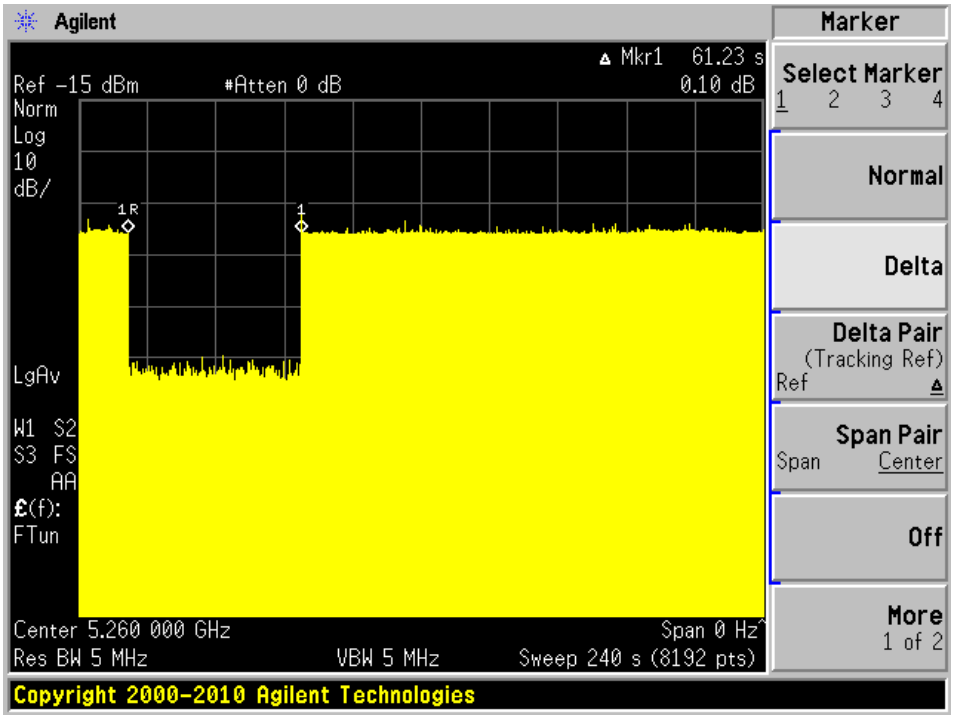


No transmissions found after radar signal applied.

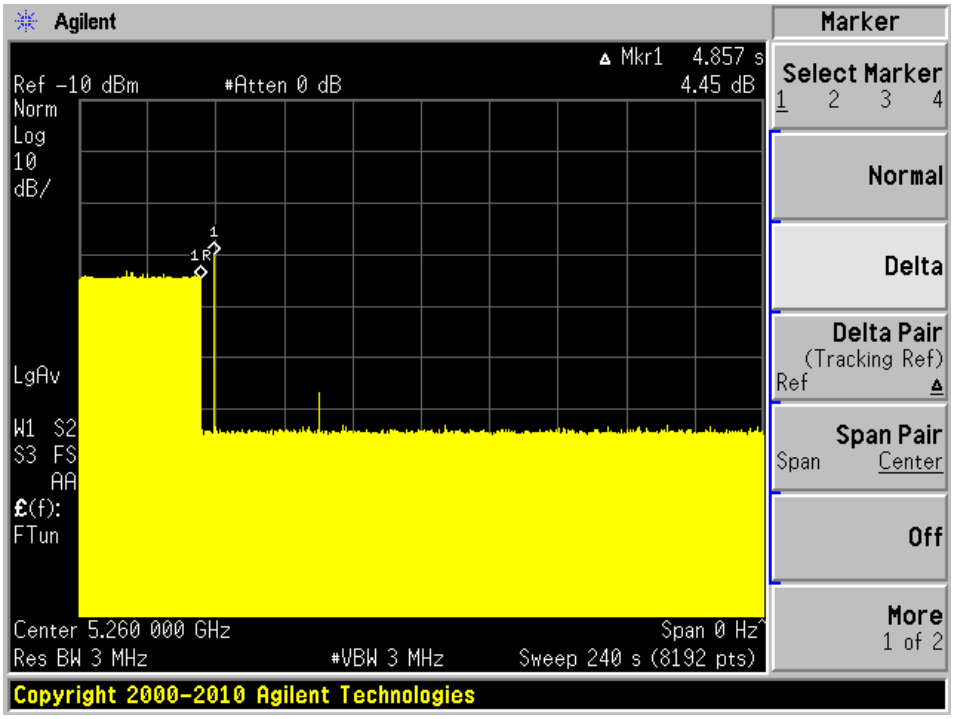
5 GHz XOR Radio + 5 GHz AUX

5260 MHz

Plot of CAC Time Period

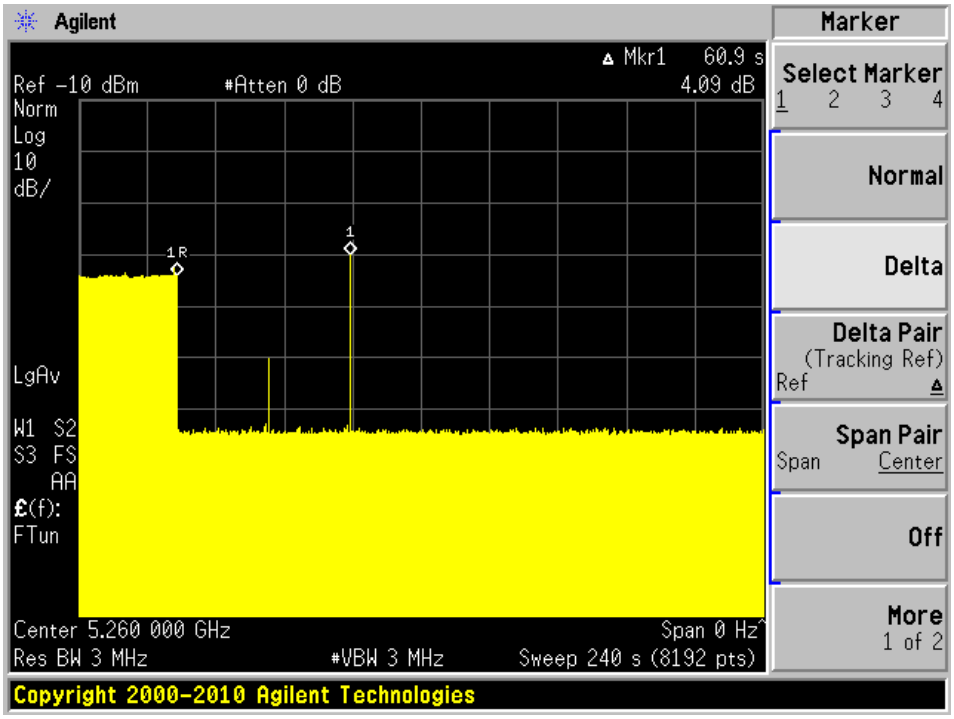


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

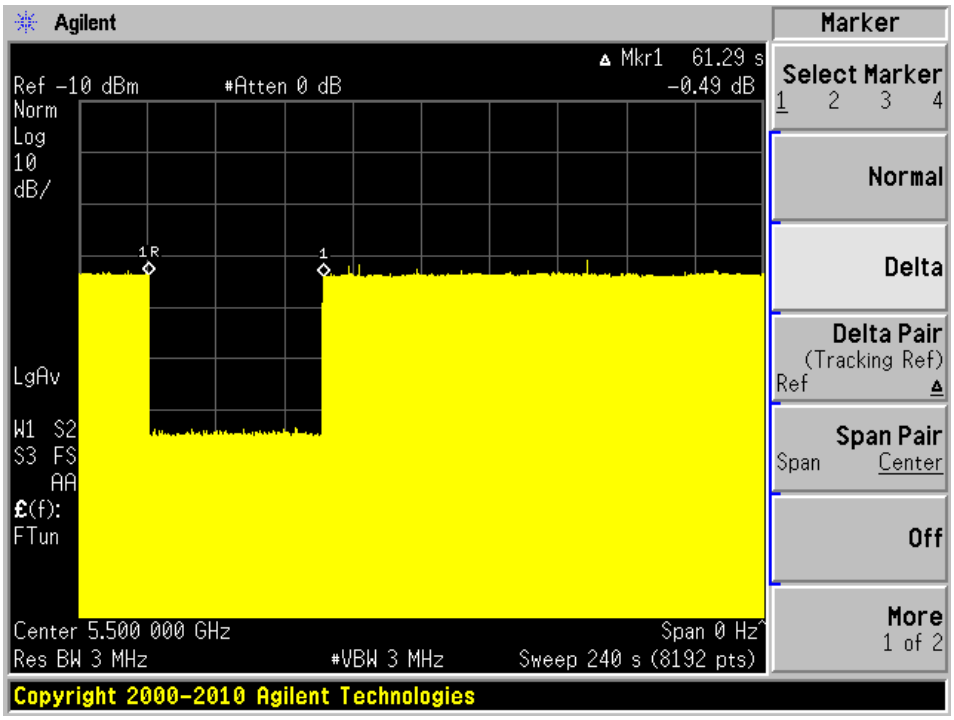
Plot of Radar signal applied at the end of 6 seconds of CAC



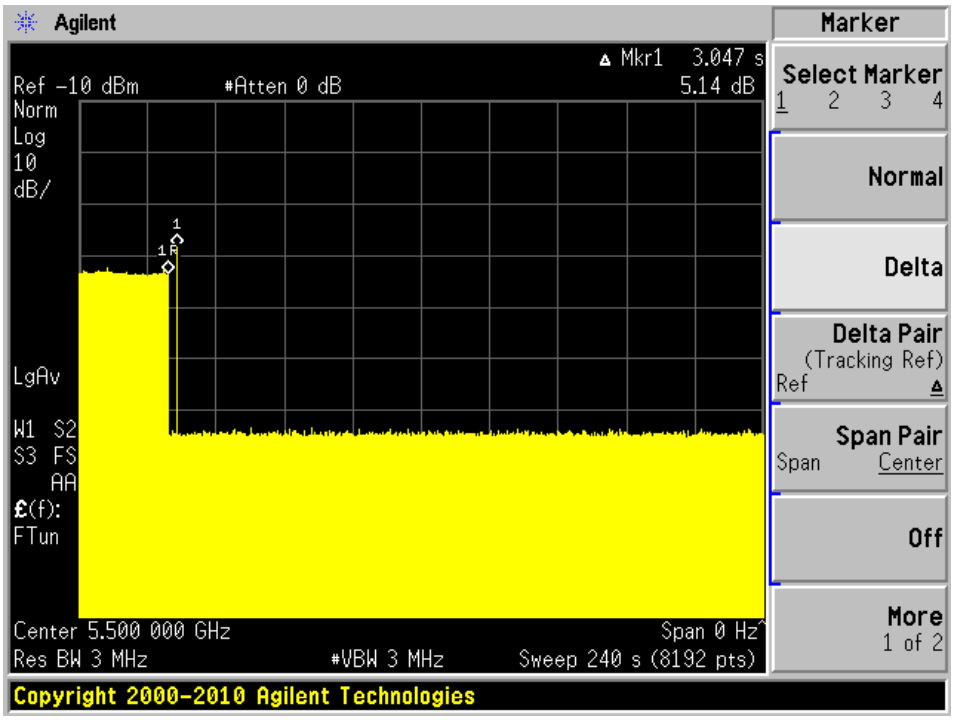
No transmissions found after radar signal applied.

5500 MHz

Plot of CAC Time Period

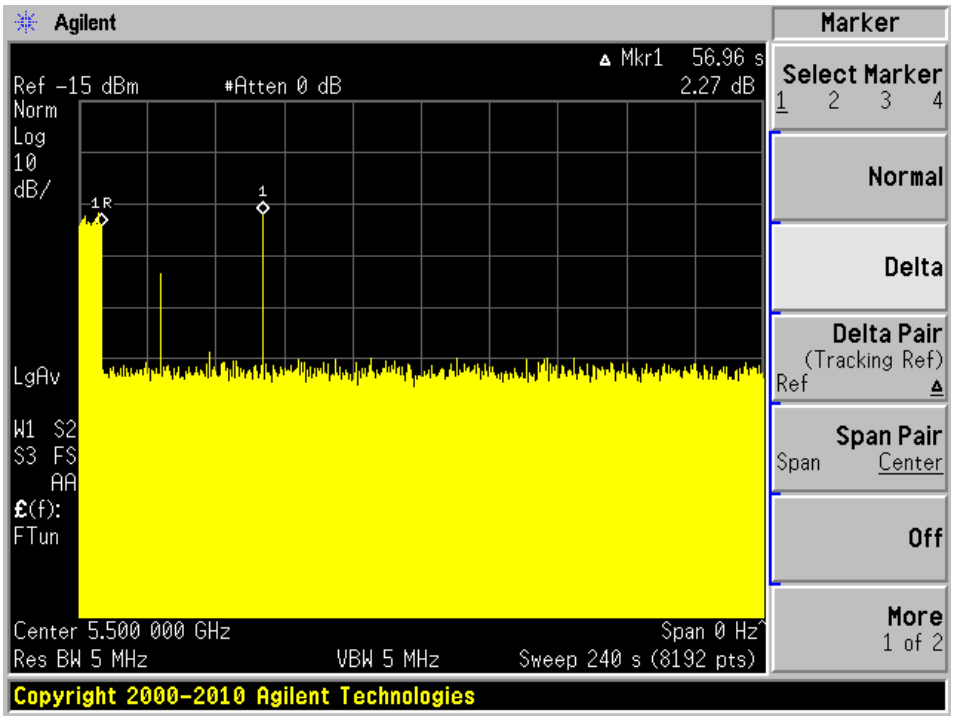


Plot of Radar signal applied within 6 seconds of start of CAC



No transmissions found after radar signal applied.

Plot of Radar signal applied at the end of 6 seconds of CAC



No transmissions found after radar signal applied.

7 Channel Move Time and Channel Closing Transmission Time

7.1 Test Procedure

BACL use type 0 radar signal to test the channel move time and channel closing transmission time.

The aggregate channel closing transmission time is calculated as follows:

Aggregate Transmission Time = N * Dwell Time

N is the number of spectrum analyzer bins showing a device transmission
Dwell Time is the dwell time per bin (i.e. Dwell Time = S/B, S is the sweep time and B is the number of bin, i.e. 8192)

7.2 Test Results

5 GHz Regular Radio + 5 GHz AUX

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5250	160	Type 0	Compliant
5570	160	Type 0	Compliant

5 GHz XOR Radio + 5 GHz AUX

Frequency (MHz)	Bandwidth (MHz)	Radar Type	Results
5250	160	Type 0	Compliant
5570	160	Type 0	Compliant

Please refer to the following tables and plots.

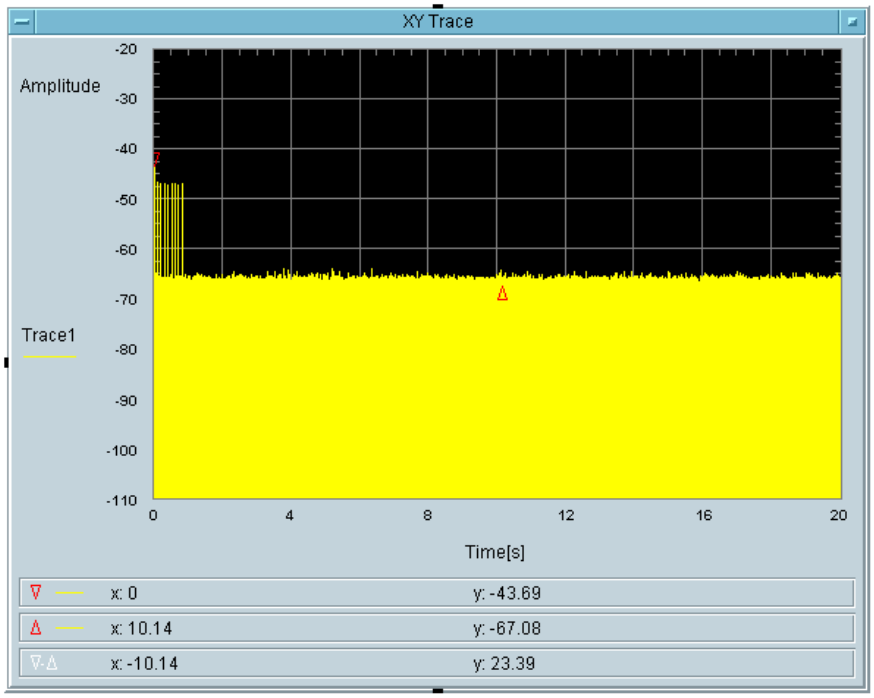
5 GHz Regular Radio + 5 GHz AUX

5250 MHz, Bandwidth 160 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
31.74 + 14.65	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass

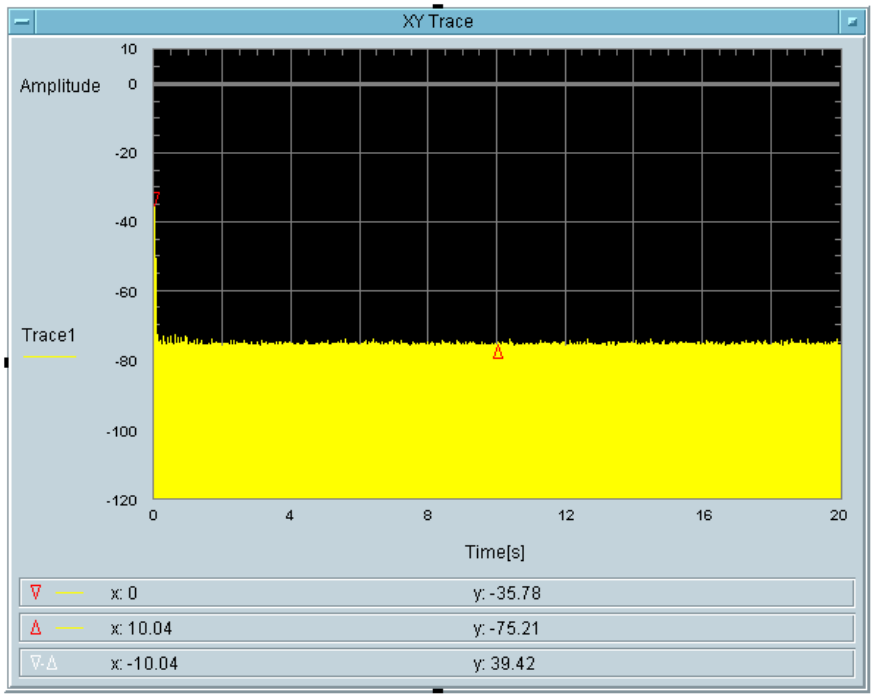


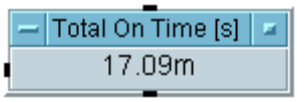
5570 MHz, Bandwidth 160 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
17.09+0	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass





5 GHz XOR Radio + 5 GHz AUX

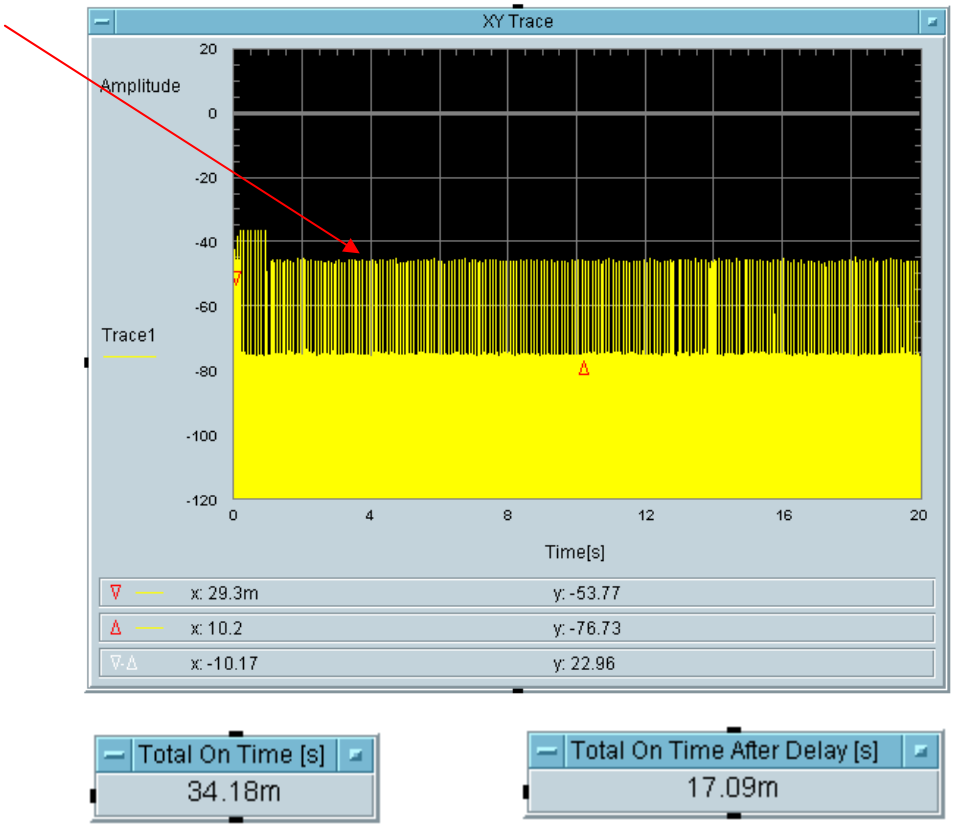
5250 MHz, Bandwidth 160 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
34.18 + 17.09	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass

Channel moved to channel 48 (5240 MHz)

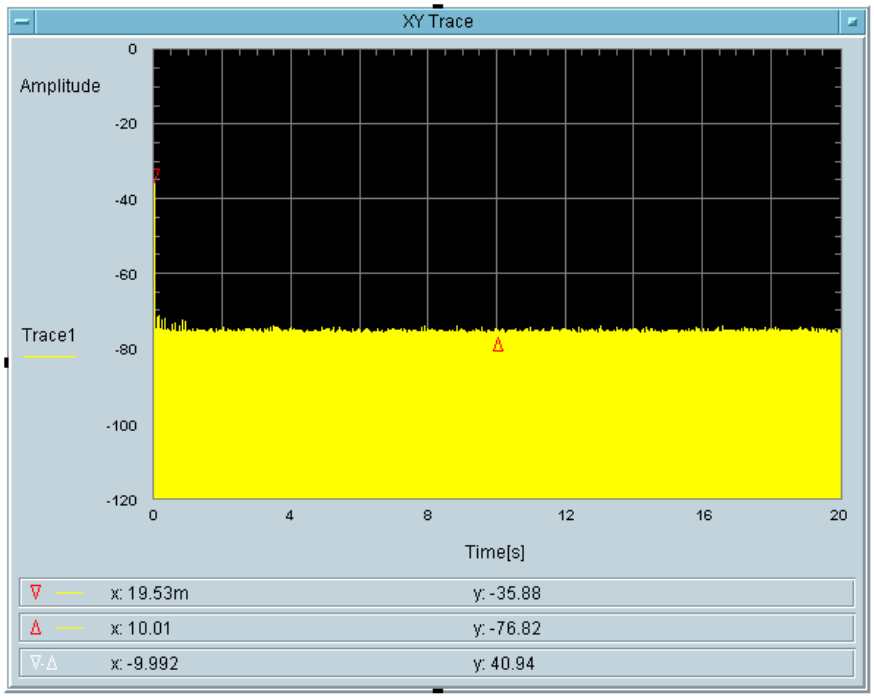


5570 MHz, Bandwidth 160 MHz

Type 0 radar channel move time and channel closing transmission time result:

Channel closing transmitting time (ms)	Limit (ms)	Result
12.21 + 0	200+60	Pass

Channel move time (s)	Limit (s)	Result
< 10	10	Pass



8 Non-Occupancy Period

8.1 Test Procedure

Measure the EUT for more than 30 minutes following the channel close/move time to very that the EUT does not resume any transmissions on this channel. Provide one plot to demonstrate no transmission on the channel for the non-occupancy period (30 minutes observation time)

8.2 Test Results

5 GHz Regular Radio + 5 GHz AUX

Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5260	20	No transmission within 30 minutes
5500	20	No transmission within 30 minutes

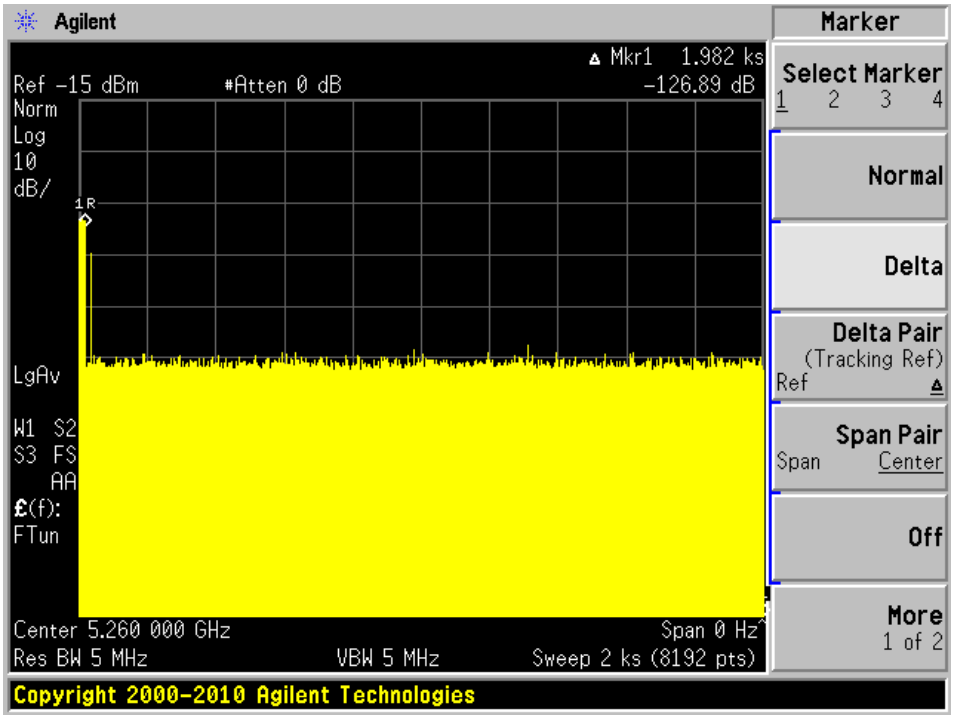
5 GHz XOR Radio + 5 GHz AUX

Frequency (MHz)	Bandwidth (MHz)	Spectrum Analyzer Display
5260	20	No transmission within 30 minutes
5500	20	No transmission within 30 minutes

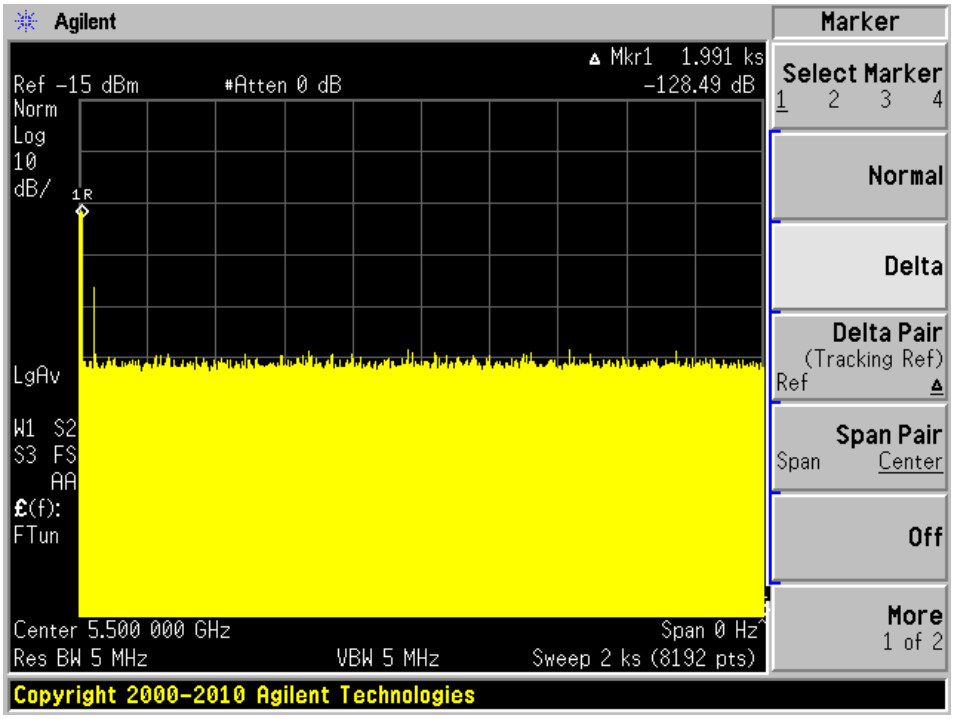
Please refer to the following plots.

5 GHz Regular Radio + 5 GHz AUX

5260 MHz, Bandwidth 20 MHz

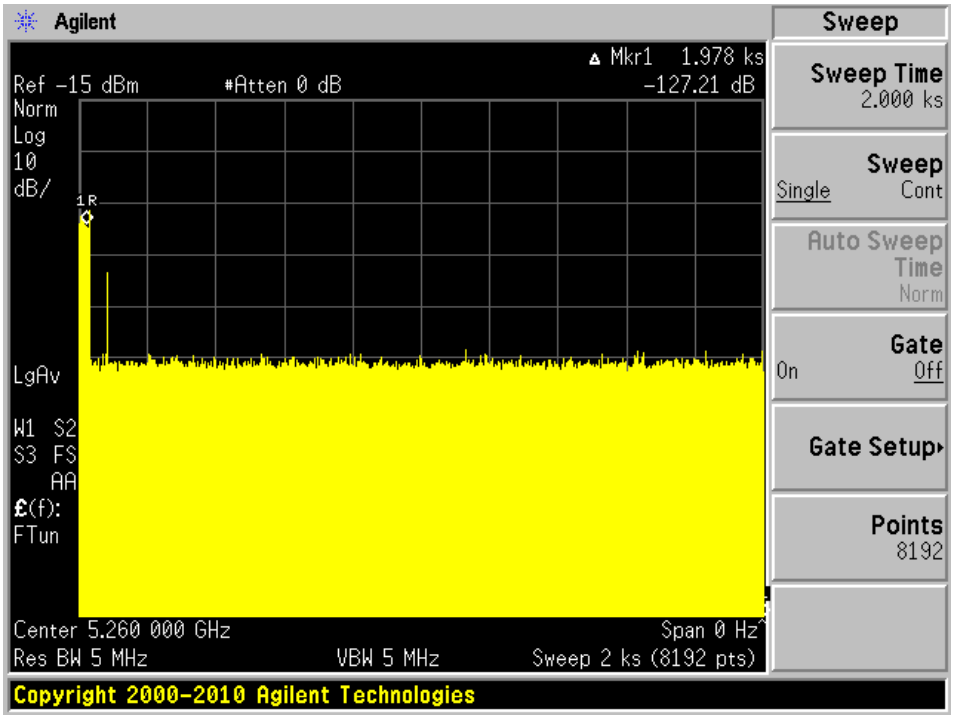


5500 MHz, Bandwidth 20 MHz

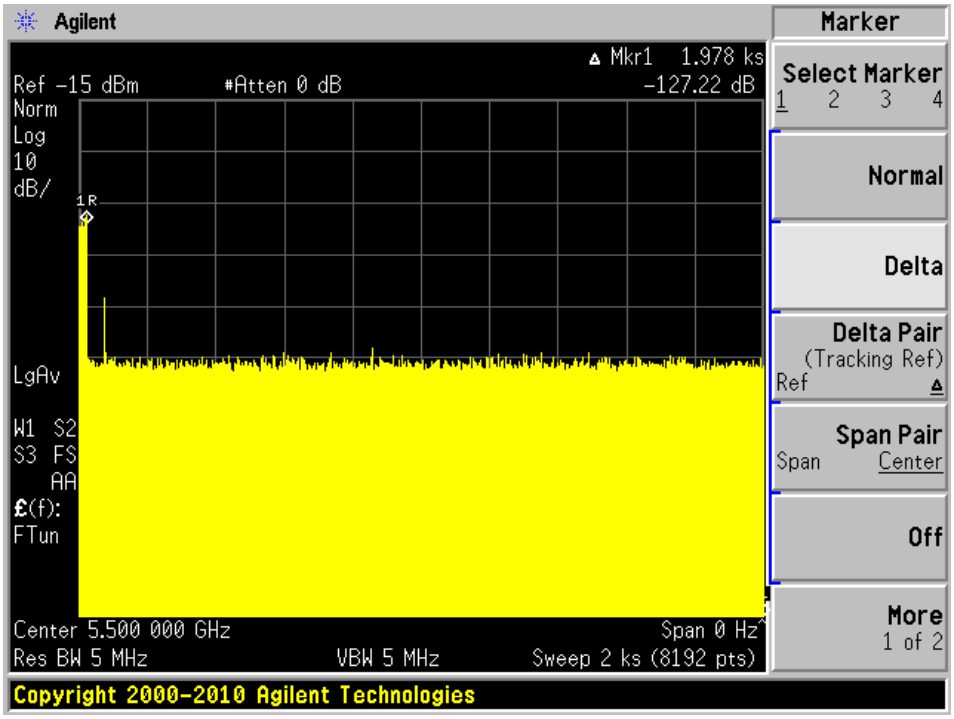


5 GHz XOR Radio + 5 GHz AUX

5260 MHz, Bandwidth 20 MHz



5500 MHz, Bandwidth 20 MHz



9 Radar Detection Bandwidth & Radar Detection Performance Check

9.1 Detection Bandwidth

Procedure:

Performed with any one of the short pulse radar waveforms type 0

Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

Starting at the center frequency of the UUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 4. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

The U-NII Detection Bandwidth is calculated as follows: U-NII Detection Bandwidth = FH – FL

Test Results

5 GHz Regular Radio + 5 GHz AUX

Frequency (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	Minimum Limit	Result
5260	5251	5268	18	100%	Compliance
5270	5250	5290	40	100%	Compliance
5290	5250	5329	79	100%	Compliance
5250	5250	5329	79	100%	Compliance
5500	5491	5510	19	100%	Compliance
5510	5491	5530	39	100%	Compliance
5530	5491	5569	78	100%	Compliance
5570	5491	5649	158	100%	Compliance

Please refer to the following tables.

Results of Detection Bandwidth:

5 GHz Regular Radio + 5 GHz AUX

EUT Frequency = 5260 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5268(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5290	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5268-5250=18 MHz											
EUT 99% OBW = 18 MHz; 18 x 100% = 18 MHz **Result:** Pass											

EUT Frequency = 5500 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5511	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5510-5491=19 MHz											
EUT 99% OBW = 18 MHz; 18 x 100% = 18 MHz **Result:** Pass											

EUT Frequency = 5270 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5291	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5290-5250=40 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

EUT Frequency = 5510 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5531	0	0	0	0	0	0	0	0	0	1	10 %
Detection Bandwidth = $F_H - F_L$=5530-5491=39 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

EUT Frequency = 5290 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5329(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5330	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5329-5250=79 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5569(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5570	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5569-5491=78 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5250 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5329(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5330	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5329-5250=79 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5570 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5575	1	1	1	1	1	1	1	1	1	1	100 %
5580	1	1	1	1	1	1	1	1	1	1	100 %
5585	1	1	1	1	1	1	1	1	1	1	100 %
5590	1	1	1	1	1	1	1	1	1	1	100 %
5595	1	1	1	1	1	1	1	1	1	1	100 %
5600	1	1	1	1	1	1	1	1	1	1	100 %
5605	1	1	1	1	1	1	1	1	1	1	100 %
5610	1	1	1	1	1	1	1	1	1	1	100 %
5615	1	1	1	1	1	1	1	1	1	1	100 %
5620	1	1	1	1	1	1	1	1	1	1	100 %
5625	1	1	1	1	1	1	1	1	1	1	100 %
5630	1	1	1	1	1	1	1	1	1	1	100 %
5635	1	1	1	1	1	1	1	1	1	1	100 %
5640	1	1	1	1	1	1	1	1	1	1	100 %
5645	1	1	1	1	1	1	1	1	1	1	100 %
5649(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5650	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5649-5491=158 MHz											
EUT 99% OBW = 156 MHz; 156 x 100% = 156 MHz **Result:** Pass											

5 GHz XOR Radio + 5 GHz AUX

Frequency (MHz)	F_L (MHz)	F_H (MHz)	Detection Bandwidth (MHz)	Minimum Limit	Result
5260	5251	5269	18	100%	Compliance
5270	5250	5289	39	100%	Compliance
5290	5250	5330	80	100%	Compliance
5250	5250	5329	79	100%	Compliance
5500	5491	5509	18	100%	Compliance
5510	5530	5490	40	100%	Compliance
5530	5490	5570	80	100%	Compliance
5570	5491	5649	158	100%	Compliance

Please refer to the following tables.

Results of Detection Bandwidth:

EUT Frequency = 5260 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5250	0	0	0	0	0	0	0	0	0	0	0 %
5251(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5269(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5270	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5269-5251=18 MHz											
EUT 99% OBW = 18 MHz; 18 x 100% = 18 MHz **Result:** Pass											

EUT Frequency = 5500 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5509(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5510	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5509-5491=18 MHz											
EUT 99% OBW = 18 MHz; 18 x 100% = 18 MHz **Result:** Pass											

EUT Frequency = 5270 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5289(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5290	1	0	0	0	1	0	0	0	1	0	30 %
Detection Bandwidth = $F_H - F_L$=5289-5250=39 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

EUT Frequency = 5510 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5531	0	0	0	0	0	0	0	0	0	0	0%
Detection Bandwidth = $F_H - F_L$=5530-5490=40 MHz											
EUT 99% OBW = 37 MHz; 37 x 100% = 37 MHz **Result:** Pass											

EUT Frequency = 5290 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5330(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5331	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5330-5250=80 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5530 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5489	0	0	0	0	0	0	0	0	0	0	0 %
5490(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5571	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5570-5490=80 MHz											
EUT 99% OBW = 76 MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5250 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5249	0	0	0	0	0	0	0	0	0	0	0 %
5250(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5255	1	1	1	1	1	1	1	1	1	1	100 %
5260	1	1	1	1	1	1	1	1	1	1	100 %
5265	1	1	1	1	1	1	1	1	1	1	100 %
5270	1	1	1	1	1	1	1	1	1	1	100 %
5275	1	1	1	1	1	1	1	1	1	1	100 %
5280	1	1	1	1	1	1	1	1	1	1	100 %
5285	1	1	1	1	1	1	1	1	1	1	100 %
5290(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5295	1	1	1	1	1	1	1	1	1	1	100 %
5300	1	1	1	1	1	1	1	1	1	1	100 %
5305	1	1	1	1	1	1	1	1	1	1	100 %
5310	1	1	1	1	1	1	1	1	1	1	100 %
5315	1	1	1	1	1	1	1	1	1	1	100 %
5320	1	1	1	1	1	1	1	1	1	1	100 %
5325	1	1	1	1	1	1	1	1	1	1	100 %
5329(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5330	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5329-5250=79 MHz											
EUT 99% OBW = 76MHz; 76 x 100% = 76 MHz **Result:** Pass											

EUT Frequency = 5570 MHz											
DFS Detection Trials (1 = Detected, 0 = No Detected)											
Radar Frequency (MHz)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**Detection Rate (%)**
5490	0	0	0	0	0	0	0	0	0	0	0 %
5491(F_L)	1	1	1	1	1	1	1	1	1	1	100 %
5495	1	1	1	1	1	1	1	1	1	1	100 %
5500	1	1	1	1	1	1	1	1	1	1	100 %
5505	1	1	1	1	1	1	1	1	1	1	100 %
5510	1	1	1	1	1	1	1	1	1	1	100 %
5515	1	1	1	1	1	1	1	1	1	1	100 %
5520	1	1	1	1	1	1	1	1	1	1	100 %
5525	1	1	1	1	1	1	1	1	1	1	100 %
5530	1	1	1	1	1	1	1	1	1	1	100 %
5535	1	1	1	1	1	1	1	1	1	1	100 %
5540	1	1	1	1	1	1	1	1	1	1	100 %
5545	1	1	1	1	1	1	1	1	1	1	100 %
5550	1	1	1	1	1	1	1	1	1	1	100 %
5555	1	1	1	1	1	1	1	1	1	1	100 %
5560	1	1	1	1	1	1	1	1	1	1	100 %
5565	1	1	1	1	1	1	1	1	1	1	100 %
5570(Fc)	1	1	1	1	1	1	1	1	1	1	100 %
5575	1	1	1	1	1	1	1	1	1	1	100 %
5580	1	1	1	1	1	1	1	1	1	1	100 %
5585	1	1	1	1	1	1	1	1	1	1	100 %
5590	1	1	1	1	1	1	1	1	1	1	100 %
5595	1	1	1	1	1	1	1	1	1	1	100 %
5600	1	1	1	1	1	1	1	1	1	1	100 %
5605	1	1	1	1	1	1	1	1	1	1	100 %
5610	1	1	1	1	1	1	1	1	1	1	100 %
5615	1	1	1	1	1	1	1	1	1	1	100 %
5620	1	1	1	1	1	1	1	1	1	1	100 %
5625	1	1	1	1	1	1	1	1	1	1	100 %
5630	1	1	1	1	1	1	1	1	1	1	100 %
5635	1	1	1	1	1	1	1	1	1	1	100 %
5640	1	1	1	1	1	1	1	1	1	1	100 %
5645	1	1	1	1	1	1	1	1	1	1	100 %
5649(F_H)	1	1	1	1	1	1	1	1	1	1	100 %
5650	0	0	0	0	0	0	0	0	0	0	0 %
Detection Bandwidth = $F_H - F_L$=5649-5491=158 MHz											
EUT 99% OBW = 156 MHz; 156 x 100% = 156 MHz **Result:** Pass											

9.2 Radar Detection Performance Check

Procedure:

Stream MPEG file from master to slave
Generate radar waveform
Record whether or not the waveform was detected
At least 30 trials are applied for each radar type
For radar types with randomized parameters, each trial uses a unique waveform
Perform with each of the radar types 1-6

Confirm that the detection rate for each radar type meets the minimum requirement
Type 1A&1B, 2, 3, 4: 60% each
Type 5: 80%
Type 6: 70%
Confirm that the mean of the rates for radar types 1 through 4 meets the requirement of 80%

$$\text{Detection Ratio} = \frac{\text{Total Waveform Detections}}{\text{Total Waveform Trials}} \times 100$$

Test Results:

5 GHz Regular Radio + 5 GHz AUX

5260 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	100 %	60%	Pass
Type 4	30	96.7 %	60%	Pass
Aggregate (Type1 to 4)	120	99.2 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	99	1	538	1
2	5251	68	1	778	1
3	5251	89	1	598	1
4	5251	78	1	678	1
5	5251	81	1	658	1
6	5260	74	1	718	1
7	5260	83	1	638	1
8	5260	58	1	918	1
9	5260	72	1	738	1
10	5260	92	1	578	1
11	5269	70	1	758	1
12	5269	59	1	898	1
13	5269	63	1	838	1
14	5269	62	1	858	1
15	5269	65	1	818	1
16	5251	33	1	1603	1
17	5251	69	1	765	1
18	5251	34	1	1554	1
19	5251	32	1	1685	1
20	5251	28	1	1927	1
21	5260	20	1	2771	1
22	5260	29	1	1852	1
23	5260	62	1	852	1
24	5260	26	1	2086	1
25	5260	50	1	1070	1
26	5269	20	1	2659	1
27	5269	23	1	2351	1
28	5269	21	1	2558	1
29	5269	58	1	915	1
30	5269	26	1	2096	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	27	3.2	198	1
2	5251	25	2.8	222	1
3	5251	27	5	196	1
4	5251	28	4.4	200	1
5	5251	25	3.7	189	1
6	5251	23	2.8	206	1
7	5251	25	2.7	164	1
8	5251	27	2.9	169	1
9	5251	29	2.6	157	1
10	5251	25	3.1	190	1
11	5260	26	4.1	197	1
12	5260	28	2.9	226	1
13	5260	27	4.4	153	1
14	5260	23	2.1	227	1
15	5260	28	3	221	1
16	5260	24	5	155	1
17	5260	29	2.4	211	1
18	5260	23	4.4	179	1
19	5260	27	1.2	198	1
20	5260	24	4.4	195	1
21	5269	28	2.5	159	1
22	5269	25	5	167	1
23	5269	26	3.1	209	1
24	5269	28	2.4	172	1
25	5269	24	1.7	179	1
26	5269	28	2.2	156	1
27	5269	27	1.5	197	1
28	5269	24	2.5	165	1
29	5269	25	2.5	210	1
30	5269	28	3.4	152	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	17	9.1	454	1
2	5251	16	9.5	275	1
3	5251	18	8.2	246	1
4	5251	18	8.5	404	1
5	5251	18	7.5	312	1
6	5251	16	8.1	448	1
7	5251	16	6.5	474	1
8	5251	17	6	297	1
9	5251	17	9.3	219	1
10	5251	17	8.1	216	1
11	5260	16	8.5	422	1
12	5260	18	6.5	451	1
13	5260	16	7.6	478	1
14	5260	16	6.8	262	1
15	5260	17	7.4	297	1
16	5260	16	7.3	451	1
17	5260	18	9.9	274	1
18	5260	17	8.5	215	1
19	5260	16	6.7	410	1
20	5260	16	7.2	363	1
21	5269	17	9.8	232	1
22	5269	18	8.6	288	1
23	5269	16	9.4	207	1
24	5269	18	7.5	426	1
25	5269	17	7.3	456	1
26	5269	16	6.2	469	1
27	5269	16	8.5	339	1
28	5269	18	8.7	346	1
29	5269	17	7.8	361	1
30	5269	18	8	357	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	16	17	238	1
2	5251	15	18.3	494	1
3	5251	13	18	489	1
4	5251	16	12.5	242	1
5	5251	14	16.8	460	0
6	5251	13	11.9	204	1
7	5251	12	13.3	257	1
8	5251	12	11.7	411	1
9	5251	14	13.4	486	1
10	5251	15	16.3	310	1
11	5260	12	13	236	1
12	5260	16	19.9	273	1
13	5260	14	12.7	412	1
14	5260	13	11.3	380	1
15	5260	12	16.5	345	1
16	5260	13	15.4	243	1
17	5260	15	19.6	290	1
18	5260	12	16.4	427	1
19	5260	14	13.4	366	1
20	5260	13	19.4	476	1
21	5269	16	18	369	1
22	5269	15	12.2	462	1
23	5269	13	13.1	419	1
24	5269	16	19.2	225	1
25	5269	15	18.8	264	1
26	5269	14	19.5	281	1
27	5269	15	14.3	436	1
28	5269	14	13.5	211	1
29	5269	16	13.1	430	1
30	5269	12	17.8	488	1
Detection Percentage: 96.7% (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5260	1
2	5260	1
3	5260	1
4	5260	1
5	5260	1
6	5260	1
7	5260	1
8	5260	1
9	5260	1
10	5260	1
11	5255.4	1
12	5255.4	1
13	5258.6	1
14	5257.8	1
15	5258.6	1
16	5257.8	1
17	5253.8	1
18	5255.0	1
19	5256.2	1
20	5257.0	1
21	5264.6	1
22	5264.6	1
23	5261.4	1
24	5263.8	1
25	5262.6	1
26	5263.8	1
27	5266.6	1
28	5261.4	1
29	5261.4	1
30	5266.2	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	75.4	1917	1405	0.468556	1
1	2	10	80	1327		1.296716	
2	2	10	51.9	1012		1.769315	
3	2	10	77.8	1878		2.114341	
4	2	10	56.8	1597		2.993721	
5	2	10	86.7	1973		3.683652	
6	2	10	62.5	1719		4.12295	
7	2	10	99.4	1311		4.725744	
8	2	10	72.9	1699		5.774974	
9	3	10	70.3	1927	1345	6.23848	
10	3	10	68.6	1532	1106	6.689638	
11	2	10	77.9	1462		7.986874	
12	2	10	83.7	1992		8.251063	
13	2	10	74.9	1470		8.885385	
14	2	10	77.2	1624		9.619871	
15	3	10	75	1151	1321	10.470567	
16	1	10	69.9			10.992265	
17	1	10	64.9			11.485818	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	87.4	1288	1823	0.030365	1
1	3	7	90.4	1989	1080	0.727137	
2	2	7	71	1343		1.543341	
3	2	7	78.9	1878		2.21856	
4	2	7	93.2	1010		3.033497	
5	1	7	98.4			3.911489	
6	3	7	56.2	1314	1003	4.642373	
7	3	7	55.6	1659	1822	5.60398	
8	1	7	96.3			6.203393	
9	1	7	77.7			6.926191	
10	2	7	65	1690		7.064663	
11	2	7	76.8	1431		8.231079	
12	2	7	92	1210		9.109788	
13	3	7	81.6	1349	1599	9.644573	
14	2	7	95.3	1904		10.491988	
15	2	7	92.7	1268		11.203491	
16	2	7	50.3	1703		11.594181	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	54.7			0.665285	1
1	2	9	52.6	1541		1.267235	
2	3	9	96.1	1230	1361	2.319545	
3	3	9	51.1	1009	1610	3.068247	
4	2	9	91.6	1948		3.744598	
5	2	9	57.5	1452		4.032469	
6	1	9	93.5			5.019595	
7	3	9	71.5	1177	1626	5.919191	
8	1	9	89.4			7.033641	
9	1	9	87.5			7.930686	
10	2	9	81.6	1625		8.627053	
11	2	9	68	1577		8.873002	
12	3	9	96.7	1908	1457	9.788401	
13	1	9	71.6			10.588328	
14	2	9	55	1589		11.634798	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	99.3	1356		0.077146	1
1	3	12	55.5	1105	1452	1.016277	
2	3	12	60	1913	1118	2.108958	
3	2	12	50.2	1896		2.687444	
4	2	12	56.3	1342		3.714521	
5	3	12	61.6	1287	1247	4.600856	
6	2	12	92.2	1103		5.32412	
7	2	12	75.7	1848		6.109484	
8	3	12	67.8	1960	1123	6.841886	
9	2	12	90.1	1299		7.908209	
10	2	12	57.8	1735		8.022762	
11	2	12	55.9	1850		9.56634	
12	2	12	86.3	1128		9.67699	
13	1	12	60.2			10.744897	
14	2	12	93	1812		11.301999	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	97.2	1224	1479	0.029059	
1	3	8	80.6	1123	1074	0.865211	
2	3	8	51.4	1762	1643	1.276629	
3	2	8	60.6	1021		2.517122	
4	2	8	82.8	1209		2.616951	
5	3	8	97.4	1276	1970	3.510133	
6	2	8	81	1936		3.963507	
7	3	8	59.7	1626	1134	4.482763	
8	2	8	52.3	1915		5.191483	
9	3	8	80	1021	1938	6.300014	1
10	2	8	68.7	1838		6.655131	
11	2	8	55.9	1295		6.955504	
12	1	8	56.1			8.093463	
13	3	8	90.5	1757	1379	8.725092	
14	1	8	57.1			9.351401	
15	3	8	94.4	1803	1410	9.528347	
16	3	8	79.6	1618	1882	10.53386	
17	2	8	63.8	1675		10.89363	
18	3	8	61.2	1215	1554	11.630527	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	61.7	1974	1588	0.652964	
1	3	12	70.8	1974	1349	1.1217	
2	2	12	85.7	1064		1.900069	
3	3	12	77.5	1773	1297	2.917085	
4	2	12	62.2	1616		3.503573	
5	2	12	63.2	1540		5.044973	
6	2	12	54.5	1934		5.977679	
7	3	12	55.9	1936	1931	6.6283	1
8	2	12	69.2	1636		7.60804	
9	2	12	79.3	1956		7.987526	
10	3	12	70.4	1735	1147	8.631023	
11	2	12	74.1	1381		9.778464	
12	2	12	54.6	1025		10.919243	
13	3	12	56.2	1132	1370	11.581972	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	69.2	1633	1529	1.065735	1
1	1	11	70			1.550703	
2	2	11	99.8	1099		2.542202	
3	3	11	90.7	1975	1370	3.356862	
4	2	11	60.5	1035		4.448828	
5	3	11	53.6	1672	1591	6.501161	
6	2	11	72.1	1718		6.636656	
7	1	11	76.5			7.908066	
8	2	11	86.3	1468		9.503313	
9	1	11	72.5			10.535006	
10	2	11	59.7	1250		11.360151	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	85.3	1159		0.834206	1
1	2	6	52.9	1258		1.332063	
2	2	6	62.6	1658		2.404751	
3	2	6	86.3	1917		3.109324	
4	2	6	52.5	1265		4.10426	
5	3	6	89.7	1786	1631	4.349824	
6	2	6	88.7	1163		5.163917	
7	1	6	98.2			6.166831	
8	2	6	92.6	1799		7.299041	
9	2	6	73.1	1501		7.765953	
10	2	6	54.2	1590		9.211515	
11	1	6	89.4			9.555213	
12	2	6	89.4	1408		10.696367	
13	1	6	56.9			11.609351	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	94.4			0.149948	1
1	1	8	53.7			1.75401	
2	3	8	81.5	1409	1797	2.366819	
3	2	8	97.7	1211		3.860669	
4	3	8	62.5	1390	1742	4.646298	
5	2	8	75.4	1489		5.589896	
6	2	8	81.8	1559		7.597986	
7	2	8	60.5	1484		8.378037	
8	1	8	88.9			8.94538	
9	3	8	61.1	1515	1251	10.850859	
10	2	8	62.4	1533		11.950469	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	94	1154		0.63884	1
1	2	9	78	1311		0.915717	
2	3	9	84.8	1792	1000	2.10346	
3	3	9	57	1019	1987	2.922471	
4	1	9	52			3.013826	
5	2	9	71.3	1412		3.996216	
6	3	9	91.3	1833	1901	4.890854	
7	1	9	78			5.813998	
8	2	9	72.5	1414		6.024403	
9	2	9	65.6	1587		6.855946	
10	3	9	64.8	1770	1056	7.986565	
11	3	9	87.6	1843	1097	8.377258	
12	1	9	50.4			9.49726	
13	2	9	80.3	1540		10.161378	
14	3	9	96.4	1727	1913	10.964696	
15	2	9	71.5	1602		11.598002	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	61.3	1013	1648	0.119655	1
1	3	11	90.4	1979	1628	1.502661	
2	3	11	70.3	1122	1918	2.421189	
3	2	11	93.8	1521		3.866761	
4	2	11	89.1	1267		5.631864	
5	2	11	79.8	1661		7.186008	
6	2	11	87.4	1104		7.958257	
7	3	11	55.9	1389	1792	9.090567	
8	3	11	71	1420	1861	10.615412	
9	2	11	74	1778		10.902676	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	65.1			0.660652	1
1	2	11	67.2	1751		0.97195	
2	2	11	97.3	1245		1.475296	
3	1	11	87.9			2.259844	
4	2	11	56	1608		3.120535	
5	2	11	63.8	1208		3.796963	
6	2	11	75.7	1775		4.880918	
7	1	11	99.2			5.37965	
8	3	11	50.7	1736	1641	5.81328	
9	2	11	73.1	1582		6.721003	
10	3	11	72.9	1713	1520	7.424504	
11	2	11	99.3	1055		8.069412	
12	1	11	64.9			8.559011	
13	2	11	71.5	1933		9.690307	
14	3	11	89.7	1403	1034	10.245455	
15	3	11	99.8	1090	1393	10.905065	
16	1	11	59.8			11.573736	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	68.1	1777	1931	0.049891	1
1	3	19	90.5	1081	1590	1.430303	
2	2	19	91.2	1947		1.849067	
3	3	19	94.6	1177	1273	3.336439	
4	2	19	90.8	1728		4.004443	
5	1	19	96			4.475443	
6	2	19	87.5	1757		5.355666	
7	2	19	67.7	1973		6.114433	
8	1	19	83			7.33927	
9	3	19	64.9	1849	1917	8.055255	
10	2	19	53	1520		8.607414	
11	1	19	95.8			9.614421	
12	3	19	79.2	1651	1280	10.41395	
13	2	19	77.3	1901		11.908849	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	56.6	1138	1650	0.120693	1
1	2	17	85.3	1284		1.840243	
2	1	17	55.8			3.032043	
3	1	17	89.8			3.935148	
4	2	17	63.2	1185		5.310292	
5	3	17	89.9	1245	1347	5.869623	
6	2	17	62.1	1999		7.258561	
7	2	17	97.3	1501		7.649712	
8	1	17	70.4			9.597803	
9	3	17	84.5	1587	1824	9.975836	
10	2	17	55	1846		11.828945	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	97.8	1406		0.890784	1
1	2	19	69.7	1867		1.293906	
2	2	19	74.6	1899		2.598276	
3	1	19	65.2			4.056057	
4	1	19	66.3			5.955966	
5	1	19	99.5			6.468231	
6	2	19	80.5	1256		8.034422	
7	1	19	60.6			9.16654	
8	1	19	98.7			9.969491	
9	3	19	53.6	1135	1953	11.635153	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	90.6	1658		0.39062	1
1	1	17	64.3			0.895063	
2	3	17	56	1789	1908	2.121721	
3	2	17	54.3	1521		3.379328	
4	2	17	92.9	1750		3.63217	
5	1	17	89.8			4.759003	
6	1	17	98.5			5.216001	
7	2	17	79.7	1931		6.519932	
8	1	17	63.3			7.22403	
9	2	17	94.6	1378		8.239479	
10	2	17	86.2	1794		9.306221	
11	2	17	66.5	1960		10.269838	
12	3	17	77.1	1582	1605	10.801095	
13	2	17	98.8	1202		11.629366	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	51.7	1080		0.062962	
1	2	7	99.6	1498		1.251702	
2	1	7	93.2			1.279871	
3	1	7	82.5			2.031498	
4	2	7	81.6	1918		2.660609	
5	3	7	52.4	1634	1561	3.333269	
6	2	7	57.3	1215		4.151593	
7	2	7	51.2	1999		4.680853	
8	3	7	57	1465	1656	5.24135	
9	3	7	89.6	1036	1511	5.95851	1
10	1	7	95.1			6.488357	
11	1	7	96.4			7.392117	
12	2	7	90.3	1101		7.915319	
13	2	7	55.9	1479		8.25839	
14	2	7	76.7	1350		8.98217	
15	1	7	60.6			9.967097	
16	3	7	94.4	1539	1000	10.701633	
17	2	7	51	1909		10.884556	
18	1	7	91.4			11.946668	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	61.5	1757		0.547594	
1	2	10	66.1	1663		0.803429	
2	3	10	54.7	1782	1527	1.64754	
3	1	10	58.5			2.513977	
4	2	10	50.3	1459		2.976801	
5	2	10	82	1596		3.339321	
6	1	10	63.5			3.847766	
7	1	10	88.4			4.431411	
8	1	10	62.5			5.628226	
9	2	10	70	1413		6.175271	1
10	2	10	71.5	1355		6.908406	
11	1	10	81.3			7.41836	
12	1	10	60.1			7.76284	
13	2	10	98.1	1589		8.812545	
14	3	10	56.7	1187	1281	8.997874	
15	3	10	57.7	1084	1847	9.983163	
16	1	10	96.3			10.713257	
17	2	10	70.3	1244		11.207776	
18	1	10	62.9			11.631708	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	82.5			0.133723	
1	2	13	62.8	1900		1.47376	
2	1	13	58.2			1.838794	
3	1	13	63.2			3.056175	
4	2	13	84.2	1066		3.340272	
5	3	13	94.4	1336	1931	4.395944	
6	3	13	66.9	1702	1425	5.568143	
7	2	13	62	1532		5.998854	1
8	1	13	60			7.009713	
9	2	13	83.4	1117		7.545426	
10	3	13	78.8	1990	1777	8.334792	
11	2	13	92.3	1804		9.231145	
12	1	13	84.1			9.948955	
13	3	13	66.8	1168	1959	10.79038	
14	1	13	68.5			11.317851	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	68.7	1829		0.523364	
1	1	15	75.2			0.639915	
2	2	15	92.3	1703		1.775612	
3	1	15	65.9			2.443308	
4	1	15	92.3			3.135721	
5	2	15	52.4	1449		3.189925	
6	2	15	75	1921		3.920886	
7	3	15	87.8	1396	1704	4.520821	
8	1	15	85.5			5.468837	
9	3	15	82.7	1755	1416	6.243859	1
10	2	15	68.2	1616		6.710031	
11	3	15	89.8	1856	1281	7.068391	
12	1	15	81.8			7.815078	
13	2	15	71.4	1482		8.552096	
14	1	15	60.4			9.44666	
15	3	15	54.2	1361	1987	9.915451	
16	1	15	74.6			10.417472	
17	2	15	82.8	1265		11.038647	
18	2	15	95.5	1056		11.865552	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	76.6	1788	1743	0.039252	
1	2	11	66.2	1384		2.125742	
2	3	11	70.4	1843	1688	2.232716	
3	3	11	54.2	1014	1361	4.03217	
4	1	11	61.7			5.139331	
5	1	11	62.7			6.539842	1
6	2	11	54.8	1284		7.576286	
7	3	11	77	1088	1681	7.770299	
8	1	11	77.4			8.861362	
9	2	11	86.8	1302		10.246537	
10	3	11	71.2	1174	1047	11.888458	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	72.5			0.101231	
1	2	11	88.2	1850		1.144808	
2	2	11	97.7	1910		1.577024	
3	2	11	92.4	1166		2.29389	
4	2	11	78.4	1581		3.008744	
5	3	11	81.3	1806	1514	3.532646	
6	2	11	52	1498		4.794878	
7	3	11	88.5	1762	1873	5.299587	
8	2	11	86.4	1414		5.904994	1
9	3	11	67.3	1576	1305	6.41645	
10	1	11	90.3			7.072537	
11	1	11	90.6			7.875318	
12	3	11	95.4	1590	1064	9.025105	
13	2	11	58	1060		9.683873	
14	3	11	51.4	1331	1085	9.961208	
15	2	11	71.1	1215		11.224012	
16	1	11	69.2			11.405341	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	68.4	1920		0.258078	
1	1	19	63.4			0.947477	
2	2	19	89.3	1806		2.368843	
3	2	19	93.6	1101		2.803096	
4	2	19	63.6	1952		3.977243	
5	1	19	66.7			4.852689	
6	2	19	82.7	1296		6.105931	1
7	1	19	70.5			7.343452	
8	2	19	57.8	1271		7.480319	
9	1	19	69.3			9.206469	
10	2	19	54.3	1543		9.758169	
11	2	19	70	1202		10.738791	
12	2	19	96.6	1782		11.267657	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	90.9			0.945463	
1	3	13	78.2	1507	1882	1.837392	
2	1	13	64.9			3.380111	
3	2	13	94	1756		5.242042	
4	3	13	100	1393	1150	5.89944	1
5	2	13	90.9	1245		7.462816	
6	3	13	61.1	1694	1083	8.347216	
7	2	13	73.9	1264		10.462929	
8	1	13	62.3			10.776178	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	75.6	1899		0.817052	1
1	2	16	92.2	1465		0.921454	
2	1	16	81.6			2.558661	
3	1	16	70.7			3.020324	
4	3	16	60.8	1795	1189	4.12193	
5	2	16	71	1656		5.043489	
6	1	16	61.8			5.145538	
7	1	16	76.7			6.357615	
8	2	16	80.1	1986		7.608938	
9	2	16	72.2	1455		7.726201	
10	2	16	96.4	1448		8.573549	
11	3	16	83.6	1659	1256	9.458583	
12	2	16	64.5	1661		11.125042	
13	1	16	54.2			11.85942	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	66.1	1525	1299	0.138727	1
1	2	13	82.7	1806		1.478103	
2	2	13	93	1191		2.211371	
3	3	13	61.9	1709	1609	3.343498	
4	3	13	52.2	1101	1794	3.919751	
5	1	13	76.1			5.076783	
6	2	13	57.1	1321		5.143963	
7	2	13	72.1	1919		6.841986	
8	1	13	52.4			7.021683	
9	2	13	99.3	1398		8.435688	
10	2	13	94.9	1753		8.852628	
11	2	13	88.7	1234		9.941502	
12	2	13	67	1422		10.594422	
13	2	13	76.8	1596		11.930716	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	87.4			0.417251	1
1	2	6	56.6	1933		1.934438	
2	2	6	74.8	1847		2.471277	
3	2	6	83.7	1114		4.762379	
4	2	6	97.7	1528		4.875298	
5	3	6	87.6	1648	1945	6.612815	
6	3	6	94.9	1895	1202	7.465675	
7	2	6	67.7	1560		8.956638	
8	1	6	70.8			10.354264	
9	2	6	77.7	1089		11.263318	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	65			0.753292	1
1	3	19	72.7	1127	1004	1.546078	
2	3	19	97	1075	1754	2.287386	
3	2	19	83.9	1907		4.299388	
4	2	19	64.3	1386		4.624025	
5	3	19	52.7	1412	1794	6.408847	
6	2	19	98	1975		6.673363	
7	3	19	96	1702	1108	8.670788	
8	1	19	64.3			9.317639	
9	3	19	54.3	1434	1682	10.117141	
10	1	19	69.1			11.925963	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	90.9	1506	1895	0.296995	
1	3	19	66	1660	1136	0.801656	
2	2	19	96.8	1927		1.779407	
3	2	19	97	1175		2.647047	
4	3	19	97.2	1939	1450	3.939095	
5	2	19	54.9	1063		4.562417	
6	1	19	61.6			4.959554	
7	2	19	86.4	1300		6.134192	1
8	1	19	70			6.590007	
9	1	19	60.4			7.960872	
10	2	19	51.2	1334		8.268092	
11	2	19	92.9	1906		9.482644	
12	2	19	73.2	1439		10.273419	
13	2	19	65	1917		10.495653	
14	2	19	58	1221		11.307852	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	68.8	1337		0.560134	
1	1	7	82.1			1.532575	
2	2	7	84.8	1313		2.448039	
3	2	7	57.7	1645		4.451528	
4	1	7	87.3			5.136355	
5	1	7	70.6			7.184925	1
6	2	7	95.5	1913		7.63502	
7	3	7	50	1510	1561	8.997278	
8	3	7	52.2	1589	1568	10.511543	
9	2	7	78.4	1449		11.453106	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5260	9	1	333	1	5421.0, 5570.0, 5690.0, 5607.0, 5549.0, 5477.0, 5687.0, 5259.0, 5371.0, 5701.0, 5252.0, 5286.0, 5482.0, 5441.0, 5406.0, 5518.0, 5292.0, 5459.0, 5288.0, 5596.0, 5715.0, 5620.0, 5428.0, 5289.0, 5285.0, 5438.0, 5423.0, 5521.0, 5670.0, 5523.0, 5385.0, 5595.0, 5502.0, 5445.0, 5443.0, 5264.0, 5381.0, 5447.0, 5503.0, 5574.0, 5291.0, 5367.0, 5377.0, 5391.0, 5646.0, 5613.0, 5639.0, 5507.0, 5276.0, 5490.0, 5365.0, 5532.0, 5592.0, 5713.0, 5709.0, 5378.0, 5349.0, 5513.0, 5486.0, 5266.0, 5341.0, 5575.0, 5495.0, 5629.0, 5679.0, 5263.0, 5520.0, 5418.0, 5563.0, 5299.0, 5669.0, 5648.0, 5692.0, 5331.0, 5453.0, 5582.0, 5660.0, 5668.0, 5456.0, 5392.0, 5617.0, 5609.0, 5501.0, 5444.0, 5296.0, 5290.0, 5306.0, 5511.0, 5400.0, 5255.0, 5618.0, 5397.0, 5465.0, 5637.0, 5382.0, 5493.0, 5281.0, 5638.0, 5373.0, 5386.0 (number of hits: 6)
2	5260	9	1	333	1	5521.0, 5529.0, 5282.0, 5457.0, 5550.0, 5590.0, 5363.0, 5687.0, 5580.0, 5710.0, 5460.0, 5628.0, 5416.0, 5302.0, 5411.0, 5276.0, 5383.0, 5445.0, 5335.0, 5623.0, 5602.0, 5688.0, 5712.0, 5378.0, 5328.0, 5361.0, 5544.0, 5487.0, 5343.0, 5489.0, 5557.0, 5266.0, 5422.0, 5326.0, 5506.0, 5667.0, 5711.0, 5390.0, 5670.0, 5349.0, 5514.0, 5308.0, 5464.0, 5295.0, 5251.0, 5404.0, 5720.0, 5262.0, 5656.0, 5334.0, 5252.0, 5310.0, 5567.0, 5715.0, 5325.0, 5293.0, 5613.0, 5591.0, 5356.0, 5702.0, 5294.0, 5541.0, 5398.0, 5290.0, 5601.0, 5465.0, 5255.0, 5624.0, 5576.0, 5280.0, 5477.0, 5481.0, 5552.0, 5305.0, 5689.0, 5629.0, 5299.0, 5463.0, 5311.0, 5387.0, 5393.0, 5600.0, 5306.0, 5345.0, 5447.0, 5666.0, 5717.0, 5369.0, 5634.0, 5700.0, 5587.0, 5451.0, 5348.0, 5642.0, 5530.0, 5265.0, 5400.0, 5719.0, 5388.0, 5485.0 (number of hits: 6)
3	5260	9	1	333	1	5662.0, 5647.0, 5575.0, 5609.0, 5660.0, 5503.0, 5333.0, 5473.0, 5346.0, 5493.0, 5700.0, 5342.0, 5395.0, 5386.0, 5443.0, 5304.0, 5646.0, 5579.0, 5541.0, 5501.0, 5296.0, 5472.0, 5600.0, 5546.0, 5360.0, 5509.0, 5288.0, 5513.0, 5489.0, 5684.0, 5328.0, 5320.0, 5464.0, 5278.0, 5607.0, 5467.0, 5349.0, 5526.0, 5359.0, 5254.0, 5334.0, 5434.0, 5385.0, 5318.0, 5711.0, 5602.0, 5364.0, 5619.0, 5450.0, 5488.0, 5530.0, 5494.0, 5576.0, 5596.0, 5297.0, 5614.0, 5687.0, 5535.0, 5301.0, 5466.0,

						5643.0, 5369.0, 5406.0, 5704.0, 5441.0, 5654.0, 5259.0, 5329.0, 5454.0, 5622.0, 5436.0, 5345.0, 5330.0, 5640.0, 5332.0, 5311.0, 5383.0, 5519.0, 5601.0, 5665.0, 5656.0, 5475.0, 5703.0, 5485.0, 5277.0, 5644.0, 5405.0, 5354.0, 5459.0, 5555.0, 5447.0, 5624.0, 5428.0, 5326.0, 5404.0, 5303.0, 5315.0, 5554.0, 5566.0, 5290.0 (number of hits: 2)
4	5260	9	1	333	1	5519.0, 5669.0, 5502.0, 5293.0, 5703.0, 5384.0, 5698.0, 5463.0, 5547.0, 5711.0, 5377.0, 5680.0, 5652.0, 5252.0, 5409.0, 5408.0, 5304.0, 5525.0, 5320.0, 5576.0, 5422.0, 5548.0, 5367.0, 5595.0, 5280.0, 5676.0, 5629.0, 5571.0, 5656.0, 5663.0, 5552.0, 5572.0, 5513.0, 5331.0, 5642.0, 5298.0, 5335.0, 5443.0, 5518.0, 5646.0, 5385.0, 5459.0, 5693.0, 5616.0, 5476.0, 5472.0, 5456.0, 5438.0, 5706.0, 5592.0, 5636.0, 5382.0, 5261.0, 5303.0, 5716.0, 5603.0, 5495.0, 5722.0, 5541.0, 5394.0, 5704.0, 5483.0, 5330.0, 5363.0, 5584.0, 5587.0, 5542.0, 5343.0, 5447.0, 5399.0, 5470.0, 5353.0, 5683.0, 5301.0, 5477.0, 5449.0, 5621.0, 5583.0, 5522.0, 5264.0, 5339.0, 5436.0, 5714.0, 5671.0, 5421.0, 5601.0, 5274.0, 5562.0, 5360.0, 5328.0, 5272.0, 5563.0, 5560.0, 5644.0, 5355.0, 5613.0, 5381.0, 5569.0, 5488.0, 5283.0 (number of hits: 3)
5	5260	9	1	333	1	5456.0, 5644.0, 5292.0, 5685.0, 5250.0, 5461.0, 5422.0, 5307.0, 5418.0, 5439.0, 5645.0, 5323.0, 5333.0, 5280.0, 5691.0, 5299.0, 5288.0, 5659.0, 5532.0, 5536.0, 5273.0, 5442.0, 5324.0, 5686.0, 5473.0, 5295.0, 5616.0, 5571.0, 5479.0, 5382.0, 5604.0, 5349.0, 5332.0, 5365.0, 5602.0, 5405.0, 5465.0, 5713.0, 5491.0, 5304.0, 5641.0, 5455.0, 5317.0, 5724.0, 5492.0, 5281.0, 5521.0, 5538.0, 5702.0, 5320.0, 5435.0, 5447.0, 5519.0, 5564.0, 5494.0, 5487.0, 5709.0, 5606.0, 5705.0, 5374.0, 5489.0, 5256.0, 5291.0, 5506.0, 5503.0, 5619.0, 5401.0, 5279.0, 5657.0, 5482.0, 5444.0, 5639.0, 5441.0, 5315.0, 5270.0, 5610.0, 5565.0, 5252.0, 5322.0, 5626.0, 5509.0, 5542.0, 5415.0, 5404.0, 5535.0, 5517.0, 5671.0, 5688.0, 5526.0, 5402.0, 5449.0, 5359.0, 5516.0, 5329.0, 5543.0, 5520.0, 5264.0, 5407.0, 5381.0, 5260.0 (number of hits: 4)
6	5260	9	1	333	1	5380.0, 5416.0, 5395.0, 5264.0, 5270.0, 5615.0, 5279.0, 5610.0, 5322.0, 5628.0, 5389.0, 5282.0, 5718.0, 5483.0, 5696.0, 5295.0, 5277.0, 5707.0, 5351.0, 5410.0, 5689.0, 5429.0, 5423.0, 5601.0, 5495.0, 5327.0, 5377.0, 5678.0, 5274.0, 5361.0, 5338.0, 5671.0, 5307.0, 5424.0, 5421.0, 5368.0, 5472.0, 5302.0, 5716.0, 5656.0, 5298.0, 5562.0, 5721.0, 5640.0, 5518.0,

						5265.0, 5300.0, 5572.0, 5633.0, 5438.0, 5442.0, 5316.0, 5719.0, 5571.0, 5464.0, 5587.0, 5436.0, 5581.0, 5301.0, 5595.0, 5507.0, 5454.0, 5271.0, 5666.0, 5556.0, 5356.0, 5540.0, 5458.0, 5475.0, 5268.0, 5398.0, 5425.0, 5314.0, 5262.0, 5639.0, 5269.0, 5392.0, 5341.0, 5675.0, 5420.0, 5328.0, 5412.0, 5422.0, 5344.0, 5281.0, 5591.0, 5519.0, 5462.0, 5543.0, 5311.0, 5469.0, 5276.0, 5434.0, 5490.0, 5321.0, 5312.0, 5517.0, 5683.0, 5426.0, 5470.0 (number of hits: 4)
7	5260	9	1	333	1	5533.0, 5664.0, 5702.0, 5707.0, 5436.0, 5523.0, 5521.0, 5680.0, 5709.0, 5569.0, 5362.0, 5722.0, 5423.0, 5697.0, 5308.0, 5386.0, 5426.0, 5402.0, 5484.0, 5410.0, 5663.0, 5704.0, 5259.0, 5399.0, 5477.0, 5608.0, 5490.0, 5479.0, 5612.0, 5658.0, 5389.0, 5703.0, 5723.0, 5279.0, 5459.0, 5381.0, 5695.0, 5717.0, 5318.0, 5265.0, 5406.0, 5456.0, 5552.0, 5631.0, 5692.0, 5418.0, 5491.0, 5486.0, 5357.0, 5257.0, 5284.0, 5446.0, 5509.0, 5570.0, 5487.0, 5633.0, 5329.0, 5416.0, 5433.0, 5419.0, 5384.0, 5379.0, 5687.0, 5421.0, 5691.0, 5335.0, 5548.0, 5452.0, 5683.0, 5473.0, 5651.0, 5293.0, 5568.0, 5554.0, 5620.0, 5705.0, 5430.0, 5662.0, 5451.0, 5380.0, 5541.0, 5321.0, 5465.0, 5678.0, 5324.0, 5295.0, 5517.0, 5655.0, 5288.0, 5327.0, 5613.0, 5549.0, 5502.0, 5632.0, 5285.0, 5365.0, 5562.0, 5355.0, 5339.0, 5603.0 (number of hits: 3)
8	5260	9	1	333	1	5553.0, 5589.0, 5444.0, 5722.0, 5394.0, 5446.0, 5680.0, 5333.0, 5349.0, 5702.0, 5658.0, 5504.0, 5363.0, 5596.0, 5563.0, 5654.0, 5629.0, 5663.0, 5390.0, 5476.0, 5506.0, 5720.0, 5424.0, 5594.0, 5514.0, 5656.0, 5295.0, 5264.0, 5411.0, 5537.0, 5620.0, 5623.0, 5403.0, 5299.0, 5539.0, 5638.0, 5531.0, 5265.0, 5508.0, 5584.0, 5570.0, 5415.0, 5612.0, 5520.0, 5501.0, 5685.0, 5395.0, 5664.0, 5640.0, 5649.0, 5380.0, 5326.0, 5451.0, 5574.0, 5318.0, 5657.0, 5585.0, 5255.0, 5692.0, 5673.0, 5636.0, 5716.0, 5542.0, 5634.0, 5384.0, 5705.0, 5428.0, 5579.0, 5677.0, 5388.0, 5437.0, 5700.0, 5285.0, 5486.0, 5378.0, 5348.0, 5571.0, 5523.0, 5381.0, 5401.0, 5650.0, 5418.0, 5533.0, 5690.0, 5279.0, 5332.0, 5709.0, 5330.0, 5670.0, 5336.0, 5491.0, 5360.0, 5687.0, 5457.0, 5393.0, 5707.0, 5595.0, 5643.0, 5499.0, 5308.0 (number of hits: 3)
9	5260	9	1	333	1	5463.0, 5575.0, 5482.0, 5254.0, 5700.0, 5589.0, 5684.0, 5253.0, 5597.0, 5379.0, 5691.0, 5569.0, 5477.0, 5423.0, 5573.0, 5525.0, 5510.0, 5629.0, 5701.0, 5616.0, 5557.0, 5432.0, 5358.0, 5357.0, 5269.0, 5552.0, 5668.0, 5519.0, 5338.0, 5421.0,

						5686.0, 5402.0, 5383.0, 5682.0, 5276.0, 5681.0, 5627.0, 5587.0, 5518.0, 5702.0, 5334.0, 5256.0, 5329.0, 5415.0, 5422.0, 5251.0, 5495.0, 5260.0, 5509.0, 5475.0, 5355.0, 5299.0, 5620.0, 5504.0, 5252.0, 5579.0, 5416.0, 5454.0, 5503.0, 5430.0, 5336.0, 5676.0, 5613.0, 5406.0, 5533.0, 5588.0, 5658.0, 5640.0, 5319.0, 5367.0, 5397.0, 5675.0, 5267.0, 5250.0, 5368.0, 5386.0, 5344.0, 5461.0, 5692.0, 5487.0, 5468.0, 5704.0, 5327.0, 5707.0, 5604.0, 5419.0, 5465.0, 5502.0, 5551.0, 5365.0, 5499.0, 5714.0, 5320.0, 5500.0, 5582.0, 5426.0, 5679.0, 5309.0, 5424.0, 5650.0 (number of hits: 7)
10	5260	9	1	333	1	5546.0, 5551.0, 5603.0, 5550.0, 5443.0, 5284.0, 5624.0, 5317.0, 5716.0, 5549.0, 5488.0, 5461.0, 5532.0, 5704.0, 5294.0, 5600.0, 5612.0, 5291.0, 5267.0, 5293.0, 5459.0, 5586.0, 5313.0, 5570.0, 5426.0, 5302.0, 5506.0, 5446.0, 5330.0, 5581.0, 5631.0, 5465.0, 5262.0, 5723.0, 5399.0, 5627.0, 5347.0, 5440.0, 5478.0, 5720.0, 5555.0, 5424.0, 5415.0, 5590.0, 5394.0, 5711.0, 5286.0, 5650.0, 5709.0, 5348.0, 5370.0, 5258.0, 5595.0, 5489.0, 5316.0, 5587.0, 5377.0, 5356.0, 5694.0, 5252.0, 5372.0, 5396.0, 5274.0, 5467.0, 5574.0, 5604.0, 5303.0, 5416.0, 5451.0, 5698.0, 5380.0, 5578.0, 5296.0, 5535.0, 5689.0, 5287.0, 5319.0, 5301.0, 5659.0, 5646.0, 5390.0, 5400.0, 5665.0, 5386.0, 5564.0, 5539.0, 5391.0, 5393.0, 5273.0, 5360.0, 5674.0, 5633.0, 5456.0, 5632.0, 5531.0, 5297.0, 5471.0, 5264.0, 5678.0, 5403.0 (number of hits: 5)
11	5260	9	1	333	1	5337.0, 5497.0, 5634.0, 5565.0, 5550.0, 5424.0, 5382.0, 5649.0, 5661.0, 5397.0, 5447.0, 5692.0, 5460.0, 5573.0, 5418.0, 5371.0, 5594.0, 5560.0, 5484.0, 5306.0, 5666.0, 5643.0, 5699.0, 5664.0, 5467.0, 5273.0, 5448.0, 5479.0, 5251.0, 5690.0, 5415.0, 5474.0, 5259.0, 5358.0, 5496.0, 5577.0, 5387.0, 5264.0, 5608.0, 5595.0, 5507.0, 5539.0, 5262.0, 5635.0, 5517.0, 5314.0, 5456.0, 5581.0, 5488.0, 5663.0, 5713.0, 5656.0, 5588.0, 5722.0, 5510.0, 5592.0, 5312.0, 5432.0, 5450.0, 5562.0, 5375.0, 5515.0, 5276.0, 5414.0, 5640.0, 5289.0, 5433.0, 5252.0, 5253.0, 5703.0, 5356.0, 5441.0, 5514.0, 5602.0, 5396.0, 5578.0, 5309.0, 5559.0, 5288.0, 5366.0, 5352.0, 5341.0, 5354.0, 5407.0, 5688.0, 5705.0, 5557.0, 5332.0, 5614.0, 5698.0, 5443.0, 5714.0, 5374.0, 5604.0, 5304.0, 5325.0, 5453.0, 5466.0, 5438.0, 5334.0 (number of hits: 6)
12	5260	9	1	333	1	5423.0, 5723.0, 5570.0, 5253.0, 5663.0, 5538.0, 5504.0, 5443.0, 5544.0, 5254.0, 5620.0, 5574.0, 5583.0, 5369.0, 5485.0,

						5384.0, 5482.0, 5700.0, 5409.0, 5474.0, 5697.0, 5355.0, 5391.0, 5694.0, 5304.0, 5569.0, 5264.0, 5452.0, 5257.0, 5613.0, 5610.0, 5457.0, 5448.0, 5403.0, 5351.0, 5641.0, 5415.0, 5506.0, 5488.0, 5547.0, 5631.0, 5432.0, 5437.0, 5371.0, 5650.0, 5376.0, 5407.0, 5350.0, 5259.0, 5471.0, 5511.0, 5600.0, 5568.0, 5499.0, 5625.0, 5383.0, 5400.0, 5653.0, 5271.0, 5318.0, 5479.0, 5687.0, 5404.0, 5666.0, 5682.0, 5430.0, 5507.0, 5619.0, 5607.0, 5575.0, 5674.0, 5500.0, 5665.0, 5548.0, 5267.0, 5532.0, 5411.0, 5541.0, 5316.0, 5470.0, 5421.0, 5654.0, 5379.0, 5656.0, 5680.0, 5461.0, 5634.0, 5283.0, 5528.0, 5672.0, 5572.0, 5332.0, 5315.0, 5522.0, 5463.0, 5639.0, 5509.0, 5462.0, 5498.0, 5603.0 (number of hits: 6)
13	5260	9	1	333	1	5485.0, 5553.0, 5371.0, 5466.0, 5615.0, 5446.0, 5548.0, 5487.0, 5675.0, 5506.0, 5558.0, 5365.0, 5598.0, 5399.0, 5712.0, 5597.0, 5697.0, 5626.0, 5454.0, 5496.0, 5639.0, 5378.0, 5651.0, 5631.0, 5539.0, 5298.0, 5450.0, 5335.0, 5500.0, 5567.0, 5694.0, 5448.0, 5514.0, 5391.0, 5511.0, 5355.0, 5713.0, 5643.0, 5287.0, 5283.0, 5526.0, 5609.0, 5693.0, 5679.0, 5634.0, 5279.0, 5486.0, 5684.0, 5616.0, 5418.0, 5373.0, 5608.0, 5564.0, 5717.0, 5425.0, 5605.0, 5561.0, 5611.0, 5568.0, 5393.0, 5522.0, 5460.0, 5657.0, 5719.0, 5621.0, 5426.0, 5569.0, 5550.0, 5339.0, 5710.0, 5336.0, 5489.0, 5620.0, 5353.0, 5356.0, 5313.0, 5348.0, 5427.0, 5534.0, 5354.0, 5286.0, 5686.0, 5388.0, 5703.0, 5442.0, 5474.0, 5635.0, 5633.0, 5705.0, 5259.0, 5523.0, 5690.0, 5338.0, 5266.0, 5681.0, 5652.0, 5594.0, 5471.0, 5570.0, 5473.0 (number of hits: 2)
14	5260	9	1	333	1	5520.0, 5524.0, 5673.0, 5463.0, 5710.0, 5705.0, 5573.0, 5531.0, 5350.0, 5423.0, 5648.0, 5473.0, 5383.0, 5328.0, 5553.0, 5295.0, 5356.0, 5629.0, 5671.0, 5294.0, 5372.0, 5698.0, 5345.0, 5475.0, 5337.0, 5401.0, 5515.0, 5564.0, 5536.0, 5570.0, 5446.0, 5323.0, 5646.0, 5460.0, 5676.0, 5271.0, 5361.0, 5614.0, 5701.0, 5640.0, 5283.0, 5310.0, 5286.0, 5550.0, 5591.0, 5540.0, 5409.0, 5386.0, 5253.0, 5382.0, 5528.0, 5723.0, 5431.0, 5327.0, 5592.0, 5578.0, 5530.0, 5272.0, 5482.0, 5324.0, 5512.0, 5709.0, 5642.0, 5441.0, 5655.0, 5291.0, 5385.0, 5651.0, 5445.0, 5652.0, 5266.0, 5721.0, 5559.0, 5366.0, 5590.0, 5631.0, 5628.0, 5694.0, 5396.0, 5700.0, 5584.0, 5481.0, 5443.0, 5535.0, 5612.0, 5547.0, 5622.0, 5257.0, 5617.0, 5320.0, 5543.0, 5264.0, 5605.0, 5318.0, 5433.0, 5254.0, 5322.0, 5377.0, 5678.0, 5501.0 (number of hits: 5)

15	5260	9	1	333	1	5316.0, 5628.0, 5686.0, 5658.0, 5482.0, 5412.0, 5515.0, 5357.0, 5487.0, 5388.0, 5722.0, 5407.0, 5410.0, 5457.0, 5431.0, 5295.0, 5399.0, 5427.0, 5503.0, 5392.0, 5486.0, 5539.0, 5331.0, 5530.0, 5619.0, 5578.0, 5339.0, 5495.0, 5440.0, 5369.0, 5266.0, 5498.0, 5703.0, 5401.0, 5327.0, 5253.0, 5285.0, 5517.0, 5641.0, 5519.0, 5256.0, 5535.0, 5275.0, 5267.0, 5659.0, 5577.0, 5562.0, 5699.0, 5661.0, 5688.0, 5563.0, 5362.0, 5430.0, 5508.0, 5511.0, 5603.0, 5343.0, 5696.0, 5576.0, 5347.0, 5536.0, 5656.0, 5469.0, 5404.0, 5643.0, 5284.0, 5450.0, 5698.0, 5655.0, 5305.0, 5459.0, 5520.0, 5674.0, 5262.0, 5299.0, 5402.0, 5708.0, 5718.0, 5649.0, 5687.0, 5673.0, 5463.0, 5525.0, 5393.0, 5595.0, 5390.0, 5621.0, 5540.0, 5504.0, 5509.0, 5310.0, 5298.0, 5375.0, 5471.0, 5417.0, 5669.0, 5567.0, 5490.0, 5547.0, 5315.0 (number of hits: 5)
16	5260	9	1	333	1	5622.0, 5674.0, 5579.0, 5303.0, 5333.0, 5301.0, 5613.0, 5708.0, 5256.0, 5634.0, 5654.0, 5557.0, 5592.0, 5262.0, 5330.0, 5603.0, 5471.0, 5394.0, 5723.0, 5480.0, 5719.0, 5388.0, 5502.0, 5436.0, 5700.0, 5424.0, 5699.0, 5456.0, 5644.0, 5325.0, 5642.0, 5312.0, 5575.0, 5565.0, 5261.0, 5617.0, 5292.0, 5570.0, 5515.0, 5342.0, 5487.0, 5659.0, 5582.0, 5484.0, 5369.0, 5546.0, 5341.0, 5269.0, 5543.0, 5505.0, 5475.0, 5503.0, 5600.0, 5257.0, 5640.0, 5605.0, 5425.0, 5308.0, 5354.0, 5587.0, 5449.0, 5382.0, 5252.0, 5702.0, 5415.0, 5346.0, 5547.0, 5585.0, 5677.0, 5669.0, 5259.0, 5680.0, 5317.0, 5279.0, 5298.0, 5395.0, 5601.0, 5636.0, 5463.0, 5402.0, 5438.0, 5404.0, 5631.0, 5464.0, 5703.0, 5280.0, 5627.0, 5539.0, 5626.0, 5389.0, 5632.0, 5444.0, 5499.0, 5573.0, 5477.0, 5373.0, 5562.0, 5611.0, 5493.0, 5376.0 (number of hits: 6)
17	5260	9	1	333	1	5473.0, 5356.0, 5696.0, 5306.0, 5562.0, 5596.0, 5367.0, 5677.0, 5396.0, 5691.0, 5376.0, 5607.0, 5697.0, 5515.0, 5629.0, 5392.0, 5285.0, 5465.0, 5421.0, 5474.0, 5462.0, 5572.0, 5470.0, 5443.0, 5451.0, 5549.0, 5648.0, 5289.0, 5446.0, 5509.0, 5287.0, 5491.0, 5713.0, 5370.0, 5455.0, 5284.0, 5566.0, 5369.0, 5608.0, 5490.0, 5687.0, 5592.0, 5352.0, 5671.0, 5639.0, 5495.0, 5645.0, 5335.0, 5494.0, 5578.0, 5500.0, 5547.0, 5599.0, 5602.0, 5564.0, 5438.0, 5272.0, 5477.0, 5506.0, 5431.0, 5331.0, 5532.0, 5380.0, 5622.0, 5489.0, 5621.0, 5397.0, 5724.0, 5680.0, 5275.0, 5485.0, 5449.0, 5410.0, 5583.0, 5682.0, 5444.0, 5664.0, 5658.0, 5720.0, 5445.0, 5498.0, 5350.0, 5299.0, 5457.0, 5523.0, 5264.0, 5487.0, 5423.0, 5388.0, 5479.0, 5708.0, 5499.0, 5623.0, 5267.0, 5408.0,

						5513.0, 5519.0, 5700.0, 5641.0, 5701.0 (number of hits: 2)
18	5260	9	1	333	1	5485.0, 5441.0, 5673.0, 5425.0, 5656.0, 5715.0, 5669.0, 5717.0, 5601.0, 5659.0, 5531.0, 5712.0, 5320.0, 5453.0, 5548.0, 5357.0, 5665.0, 5289.0, 5467.0, 5495.0, 5266.0, 5346.0, 5599.0, 5557.0, 5645.0, 5270.0, 5452.0, 5456.0, 5412.0, 5634.0, 5539.0, 5372.0, 5306.0, 5335.0, 5535.0, 5294.0, 5610.0, 5362.0, 5352.0, 5277.0, 5258.0, 5363.0, 5478.0, 5451.0, 5273.0, 5686.0, 5639.0, 5430.0, 5689.0, 5600.0, 5528.0, 5331.0, 5297.0, 5411.0, 5631.0, 5457.0, 5604.0, 5503.0, 5709.0, 5368.0, 5468.0, 5508.0, 5497.0, 5684.0, 5619.0, 5667.0, 5559.0, 5476.0, 5625.0, 5347.0, 5671.0, 5448.0, 5291.0, 5642.0, 5292.0, 5696.0, 5464.0, 5349.0, 5428.0, 5432.0, 5447.0, 5704.0, 5532.0, 5253.0, 5255.0, 5330.0, 5287.0, 5305.0, 5624.0, 5265.0, 5570.0, 5369.0, 5461.0, 5706.0, 5443.0, 5596.0, 5401.0, 5393.0, 5587.0, 5376.0 (number of hits: 5)
19	5260	9	1	333	1	5426.0, 5311.0, 5345.0, 5468.0, 5665.0, 5610.0, 5282.0, 5339.0, 5634.0, 5329.0, 5586.0, 5719.0, 5713.0, 5552.0, 5322.0, 5630.0, 5483.0, 5290.0, 5466.0, 5503.0, 5684.0, 5414.0, 5477.0, 5583.0, 5683.0, 5406.0, 5654.0, 5422.0, 5348.0, 5387.0, 5430.0, 5608.0, 5619.0, 5370.0, 5494.0, 5706.0, 5545.0, 5581.0, 5343.0, 5431.0, 5336.0, 5308.0, 5615.0, 5446.0, 5283.0, 5616.0, 5632.0, 5689.0, 5561.0, 5320.0, 5276.0, 5560.0, 5712.0, 5691.0, 5353.0, 5439.0, 5532.0, 5717.0, 5711.0, 5571.0, 5396.0, 5365.0, 5280.0, 5302.0, 5592.0, 5673.0, 5415.0, 5344.0, 5461.0, 5584.0, 5722.0, 5354.0, 5593.0, 5480.0, 5643.0, 5604.0, 5573.0, 5299.0, 5562.0, 5599.0, 5705.0, 5321.0, 5663.0, 5709.0, 5409.0, 5319.0, 5597.0, 5542.0, 5546.0, 5453.0, 5635.0, 5448.0, 5410.0, 5698.0, 5515.0, 5538.0, 5457.0, 5622.0, 5594.0, 5252.0 (number of hits: 1)
20	5260	9	1	333	1	5642.0, 5331.0, 5320.0, 5577.0, 5454.0, 5650.0, 5291.0, 5465.0, 5413.0, 5653.0, 5559.0, 5690.0, 5500.0, 5451.0, 5551.0, 5509.0, 5333.0, 5708.0, 5634.0, 5376.0, 5277.0, 5655.0, 5493.0, 5591.0, 5374.0, 5507.0, 5293.0, 5595.0, 5693.0, 5335.0, 5503.0, 5631.0, 5396.0, 5466.0, 5546.0, 5676.0, 5355.0, 5616.0, 5626.0, 5399.0, 5611.0, 5658.0, 5703.0, 5349.0, 5417.0, 5549.0, 5336.0, 5319.0, 5286.0, 5587.0, 5607.0, 5445.0, 5401.0, 5552.0, 5532.0, 5562.0, 5294.0, 5415.0, 5512.0, 5684.0, 5588.0, 5556.0, 5298.0, 5687.0, 5656.0, 5469.0, 5707.0, 5712.0, 5343.0, 5696.0, 5268.0, 5692.0, 5537.0, 5670.0, 5612.0, 5411.0, 5481.0, 5593.0, 5619.0, 5710.0,

						5620.0, 5554.0, 5423.0, 5602.0, 5395.0, 5464.0, 5487.0, 5303.0, 5561.0, 5352.0, 5274.0, 5476.0, 5555.0, 5387.0, 5715.0, 5363.0, 5486.0, 5533.0, 5271.0, 5716.0 (number of hits: 1)
21	5260	9	1	333	1	5269.0, 5446.0, 5314.0, 5558.0, 5647.0, 5390.0, 5670.0, 5298.0, 5459.0, 5544.0, 5568.0, 5717.0, 5466.0, 5322.0, 5507.0, 5481.0, 5636.0, 5637.0, 5679.0, 5474.0, 5502.0, 5513.0, 5668.0, 5504.0, 5327.0, 5488.0, 5479.0, 5694.0, 5312.0, 5613.0, 5365.0, 5471.0, 5719.0, 5428.0, 5398.0, 5417.0, 5614.0, 5368.0, 5629.0, 5372.0, 5476.0, 5549.0, 5493.0, 5296.0, 5464.0, 5578.0, 5258.0, 5395.0, 5691.0, 5698.0, 5708.0, 5720.0, 5477.0, 5651.0, 5427.0, 5468.0, 5557.0, 5523.0, 5317.0, 5324.0, 5715.0, 5640.0, 5266.0, 5444.0, 5283.0, 5335.0, 5619.0, 5686.0, 5607.0, 5425.0, 5391.0, 5494.0, 5563.0, 5667.0, 5701.0, 5280.0, 5551.0, 5669.0, 5310.0, 5700.0, 5506.0, 5369.0, 5545.0, 5303.0, 5388.0, 5295.0, 5564.0, 5671.0, 5519.0, 5351.0, 5652.0, 5516.0, 5270.0, 5526.0, 5284.0, 5597.0, 5288.0, 5353.0, 5378.0, 5655.0 (number of hits: 2)
22	5260	9	1	333	1	5637.0, 5407.0, 5358.0, 5509.0, 5614.0, 5333.0, 5538.0, 5433.0, 5493.0, 5650.0, 5440.0, 5443.0, 5669.0, 5545.0, 5596.0, 5287.0, 5559.0, 5672.0, 5452.0, 5304.0, 5722.0, 5603.0, 5335.0, 5719.0, 5434.0, 5489.0, 5485.0, 5342.0, 5676.0, 5336.0, 5647.0, 5552.0, 5391.0, 5381.0, 5266.0, 5716.0, 5388.0, 5380.0, 5631.0, 5417.0, 5280.0, 5378.0, 5644.0, 5377.0, 5707.0, 5299.0, 5495.0, 5470.0, 5267.0, 5612.0, 5527.0, 5663.0, 5501.0, 5597.0, 5533.0, 5363.0, 5277.0, 5578.0, 5667.0, 5409.0, 5389.0, 5715.0, 5422.0, 5360.0, 5712.0, 5319.0, 5250.0, 5602.0, 5334.0, 5445.0, 5406.0, 5455.0, 5265.0, 5653.0, 5337.0, 5395.0, 5581.0, 5562.0, 5541.0, 5695.0, 5619.0, 5259.0, 5696.0, 5340.0, 5396.0, 5464.0, 5599.0, 5683.0, 5608.0, 5275.0, 5318.0, 5460.0, 5595.0, 5598.0, 5678.0, 5309.0, 5638.0, 5561.0, 5720.0, 5529.0 (number of hits: 4)
23	5260	9	1	333	1	5677.0, 5401.0, 5316.0, 5582.0, 5415.0, 5516.0, 5435.0, 5354.0, 5412.0, 5514.0, 5335.0, 5268.0, 5686.0, 5446.0, 5423.0, 5614.0, 5619.0, 5547.0, 5368.0, 5679.0, 5311.0, 5424.0, 5672.0, 5650.0, 5634.0, 5626.0, 5598.0, 5339.0, 5255.0, 5439.0, 5682.0, 5398.0, 5297.0, 5486.0, 5298.0, 5372.0, 5434.0, 5285.0, 5454.0, 5663.0, 5357.0, 5382.0, 5470.0, 5632.0, 5586.0, 5600.0, 5539.0, 5712.0, 5490.0, 5473.0, 5692.0, 5699.0, 5685.0, 5681.0, 5709.0, 5644.0, 5303.0, 5279.0, 5649.0, 5695.0, 5482.0, 5436.0, 5451.0, 5591.0, 5259.0,

						5266.0, 5494.0, 5555.0, 5428.0, 5659.0, 5402.0, 5595.0, 5615.0, 5397.0, 5515.0, 5718.0, 5379.0, 5546.0, 5647.0, 5251.0, 5691.0, 5580.0, 5291.0, 5442.0, 5280.0, 5658.0, 5309.0, 5353.0, 5701.0, 5492.0, 5548.0, 5305.0, 5429.0, 5326.0, 5411.0, 5472.0, 5585.0, 5261.0, 5689.0, 5489.0 (number of hits: 6)
24	5260	9	1	333	1	5363.0, 5606.0, 5695.0, 5594.0, 5567.0, 5590.0, 5401.0, 5392.0, 5393.0, 5285.0, 5703.0, 5314.0, 5400.0, 5557.0, 5525.0, 5655.0, 5591.0, 5515.0, 5462.0, 5429.0, 5510.0, 5375.0, 5637.0, 5519.0, 5718.0, 5388.0, 5436.0, 5449.0, 5262.0, 5253.0, 5653.0, 5632.0, 5661.0, 5626.0, 5281.0, 5704.0, 5573.0, 5320.0, 5286.0, 5405.0, 5455.0, 5558.0, 5645.0, 5711.0, 5328.0, 5651.0, 5356.0, 5549.0, 5520.0, 5636.0, 5639.0, 5414.0, 5439.0, 5616.0, 5288.0, 5605.0, 5559.0, 5601.0, 5522.0, 5293.0, 5563.0, 5316.0, 5699.0, 5674.0, 5644.0, 5275.0, 5380.0, 5266.0, 5410.0, 5641.0, 5603.0, 5680.0, 5349.0, 5688.0, 5305.0, 5265.0, 5386.0, 5453.0, 5272.0, 5341.0, 5325.0, 5294.0, 5690.0, 5584.0, 5658.0, 5545.0, 5543.0, 5445.0, 5630.0, 5516.0, 5297.0, 5371.0, 5673.0, 5508.0, 5580.0, 5444.0, 5329.0, 5611.0, 5358.0, 5587.0 (number of hits: 4)
25	5260	9	1	333	1	5686.0, 5500.0, 5520.0, 5403.0, 5447.0, 5422.0, 5670.0, 5540.0, 5477.0, 5253.0, 5566.0, 5515.0, 5274.0, 5329.0, 5415.0, 5501.0, 5576.0, 5485.0, 5555.0, 5610.0, 5675.0, 5397.0, 5717.0, 5326.0, 5369.0, 5425.0, 5586.0, 5635.0, 5300.0, 5575.0, 5292.0, 5354.0, 5452.0, 5438.0, 5419.0, 5412.0, 5464.0, 5380.0, 5678.0, 5487.0, 5383.0, 5468.0, 5374.0, 5626.0, 5504.0, 5702.0, 5480.0, 5499.0, 5332.0, 5443.0, 5584.0, 5703.0, 5356.0, 5288.0, 5692.0, 5424.0, 5650.0, 5341.0, 5561.0, 5552.0, 5373.0, 5439.0, 5357.0, 5583.0, 5392.0, 5346.0, 5339.0, 5276.0, 5518.0, 5414.0, 5563.0, 5676.0, 5451.0, 5428.0, 5490.0, 5622.0, 5607.0, 5557.0, 5413.0, 5649.0, 5519.0, 5556.0, 5389.0, 5722.0, 5312.0, 5523.0, 5278.0, 5298.0, 5289.0, 5404.0, 5437.0, 5295.0, 5690.0, 5469.0, 5321.0, 5611.0, 5604.0, 5455.0, 5701.0, 5525.0 (number of hits: 1)
26	5260	9	1	333	1	5414.0, 5491.0, 5352.0, 5410.0, 5382.0, 5257.0, 5563.0, 5462.0, 5544.0, 5526.0, 5455.0, 5561.0, 5656.0, 5623.0, 5707.0, 5531.0, 5710.0, 5324.0, 5432.0, 5440.0, 5621.0, 5640.0, 5351.0, 5368.0, 5620.0, 5558.0, 5600.0, 5609.0, 5584.0, 5551.0, 5546.0, 5299.0, 5483.0, 5267.0, 5288.0, 5469.0, 5251.0, 5419.0, 5515.0, 5524.0, 5406.0, 5631.0, 5438.0, 5683.0, 5510.0, 5674.0, 5495.0, 5408.0, 5488.0, 5618.0,

						5424.0, 5570.0, 5265.0, 5670.0, 5721.0, 5665.0, 5399.0, 5397.0, 5498.0, 5588.0, 5545.0, 5587.0, 5675.0, 5339.0, 5668.0, 5346.0, 5535.0, 5676.0, 5282.0, 5312.0, 5695.0, 5519.0, 5490.0, 5694.0, 5292.0, 5492.0, 5562.0, 5314.0, 5715.0, 5568.0, 5477.0, 5550.0, 5528.0, 5370.0, 5467.0, 5659.0, 5272.0, 5360.0, 5475.0, 5308.0, 5679.0, 5441.0, 5701.0, 5637.0, 5375.0, 5685.0, 5553.0, 5487.0, 5309.0, 5572.0 (number of hits: 4)
27	5260	9	1	333	1	5510.0, 5646.0, 5678.0, 5468.0, 5622.0, 5542.0, 5391.0, 5471.0, 5288.0, 5280.0, 5324.0, 5518.0, 5424.0, 5617.0, 5441.0, 5509.0, 5590.0, 5574.0, 5680.0, 5438.0, 5620.0, 5719.0, 5568.0, 5298.0, 5709.0, 5653.0, 5352.0, 5408.0, 5313.0, 5688.0, 5517.0, 5343.0, 5484.0, 5277.0, 5673.0, 5723.0, 5615.0, 5707.0, 5650.0, 5717.0, 5611.0, 5535.0, 5414.0, 5721.0, 5722.0, 5581.0, 5493.0, 5676.0, 5341.0, 5596.0, 5587.0, 5667.0, 5604.0, 5559.0, 5564.0, 5690.0, 5624.0, 5428.0, 5576.0, 5713.0, 5566.0, 5553.0, 5571.0, 5404.0, 5638.0, 5356.0, 5269.0, 5358.0, 5579.0, 5704.0, 5430.0, 5613.0, 5560.0, 5442.0, 5700.0, 5396.0, 5599.0, 5686.0, 5720.0, 5672.0, 5294.0, 5648.0, 5362.0, 5530.0, 5330.0, 5369.0, 5293.0, 5570.0, 5410.0, 5549.0, 5495.0, 5368.0, 5278.0, 5478.0, 5379.0, 5349.0, 5652.0, 5614.0, 5524.0, 5257.0 (number of hits: 1)
28	5260	9	1	333	1	5676.0, 5437.0, 5513.0, 5662.0, 5489.0, 5681.0, 5472.0, 5576.0, 5647.0, 5266.0, 5334.0, 5473.0, 5289.0, 5588.0, 5637.0, 5391.0, 5570.0, 5714.0, 5328.0, 5722.0, 5436.0, 5464.0, 5624.0, 5619.0, 5650.0, 5279.0, 5261.0, 5653.0, 5352.0, 5614.0, 5685.0, 5673.0, 5573.0, 5314.0, 5375.0, 5291.0, 5494.0, 5451.0, 5597.0, 5508.0, 5272.0, 5530.0, 5449.0, 5465.0, 5299.0, 5395.0, 5310.0, 5333.0, 5715.0, 5520.0, 5337.0, 5435.0, 5293.0, 5718.0, 5600.0, 5649.0, 5262.0, 5307.0, 5591.0, 5260.0, 5692.0, 5510.0, 5670.0, 5448.0, 5553.0, 5416.0, 5677.0, 5277.0, 5454.0, 5388.0, 5541.0, 5549.0, 5255.0, 5595.0, 5483.0, 5453.0, 5517.0, 5578.0, 5336.0, 5546.0, 5417.0, 5501.0, 5652.0, 5474.0, 5562.0, 5658.0, 5298.0, 5320.0, 5552.0, 5419.0, 5362.0, 5421.0, 5422.0, 5413.0, 5527.0, 5431.0, 5584.0, 5252.0, 5318.0, 5499.0 (number of hits: 6)
29	5260	9	1	333	1	5716.0, 5356.0, 5436.0, 5572.0, 5260.0, 5445.0, 5285.0, 5533.0, 5453.0, 5380.0, 5404.0, 5428.0, 5470.0, 5506.0, 5632.0, 5384.0, 5442.0, 5348.0, 5706.0, 5560.0, 5637.0, 5457.0, 5681.0, 5588.0, 5644.0, 5278.0, 5463.0, 5361.0, 5662.0, 5469.0, 5326.0, 5578.0, 5286.0, 5691.0, 5592.0,

						5331.0, 5271.0, 5514.0, 5548.0, 5678.0, 5604.0, 5279.0, 5296.0, 5265.0, 5440.0, 5529.0, 5507.0, 5328.0, 5364.0, 5610.0, 5505.0, 5373.0, 5472.0, 5253.0, 5264.0, 5666.0, 5351.0, 5692.0, 5671.0, 5417.0, 5390.0, 5323.0, 5542.0, 5294.0, 5274.0, 5645.0, 5367.0, 5262.0, 5612.0, 5700.0, 5303.0, 5363.0, 5456.0, 5402.0, 5335.0, 5258.0, 5435.0, 5386.0, 5530.0, 5550.0, 5575.0, 5704.0, 5636.0, 5594.0, 5640.0, 5516.0, 5305.0, 5694.0, 5433.0, 5327.0, 5406.0, 5589.0, 5695.0, 5599.0, 5374.0, 5437.0, 5596.0, 5337.0, 5358.0, 5424.0 (number of hits: 6)
30	5260	9	1	333	1	5559.0, 5603.0, 5292.0, 5436.0, 5405.0, 5521.0, 5549.0, 5595.0, 5496.0, 5367.0, 5656.0, 5314.0, 5665.0, 5310.0, 5458.0, 5301.0, 5477.0, 5487.0, 5542.0, 5534.0, 5409.0, 5306.0, 5707.0, 5476.0, 5474.0, 5508.0, 5524.0, 5264.0, 5615.0, 5258.0, 5385.0, 5528.0, 5265.0, 5255.0, 5606.0, 5519.0, 5506.0, 5283.0, 5614.0, 5647.0, 5282.0, 5484.0, 5381.0, 5510.0, 5708.0, 5286.0, 5635.0, 5601.0, 5560.0, 5712.0, 5709.0, 5404.0, 5572.0, 5369.0, 5610.0, 5505.0, 5468.0, 5535.0, 5428.0, 5342.0, 5523.0, 5667.0, 5376.0, 5340.0, 5471.0, 5372.0, 5632.0, 5430.0, 5710.0, 5319.0, 5580.0, 5429.0, 5413.0, 5459.0, 5390.0, 5648.0, 5399.0, 5469.0, 5334.0, 5706.0, 5574.0, 5646.0, 5427.0, 5571.0, 5581.0, 5440.0, 5662.0, 5431.0, 5433.0, 5577.0, 5419.0, 5694.0, 5650.0, 5259.0, 5592.0, 5699.0, 5274.0, 5713.0, 5594.0, 5561.0 (number of hits: 5)

5270 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	86.7 %	60%	Pass
Type 3	30	90 %	60%	Pass
Type 4	30	90 %	60%	Pass
Aggregate (Type1 to 4)	120	91.7 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	89	1	598	1
2	5251.5	61	1	878	1
3	5251.5	65	1	818	1
4	5251.5	62	1	858	1
5	5251.5	92	1	578	1
6	5270	99	1	538	1
7	5270	72	1	738	1
8	5270	59	1	898	1
9	5270	86	1	618	1
10	5270	74	1	718	1
11	5288.5	102	1	518	1
12	5288.5	58	1	918	1
13	5288.5	57	1	938	1
14	5288.5	78	1	678	1
15	5288.5	76	1	698	1
16	5251.5	24	1	2251	1
17	5251.5	32	1	1659	1
18	5251.5	30	1	1793	1
19	5251.5	22	1	2463	1
20	5251.5	24	1	2216	1
21	5270	21	1	2601	1
22	5270	81	1	656	1
23	5270	28	1	1909	1
24	5270	46	1	1157	1
25	5270	18	1	2942	1
26	5288.5	19	1	2919	1
27	5288.5	21	1	2620	1
28	5288.5	36	1	1483	1
29	5288.5	27	1	1989	1
30	5288.5	25	1	2175	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	24	2	157	1
2	5251.5	26	1.2	177	1
3	5251.5	29	1.9	180	1
4	5251.5	28	5	180	1
5	5251.5	26	3.2	226	1
6	5251.5	29	3.9	174	1
7	5251.5	27	2.3	184	1
8	5251.5	29	1.3	183	1
9	5251.5	23	4.9	209	1
10	5251	23	2.5	157	1
11	5270	28	4.4	219	1
12	5270	27	3.3	181	1
13	5270	23	4.9	202	1
14	5270	25	2.6	227	1
15	5270	27	3.6	179	1
16	5270	25	1.6	221	1
17	5270	28	4.4	171	1
18	5270	26	3.4	156	1
19	5270	23	3	221	1
20	5270	29	4.7	229	1
21	5288.5	26	1.3	177	1
22	5288.5	24	4.9	222	1
23	5288.5	23	2.7	180	1
24	5288.5	26	4.2	175	0
25	5288.5	23	3.8	225	0
26	5288.5	25	2.1	166	1
27	5288.5	24	1	193	1
28	5288.5	26	4.1	194	0
29	5288.5	23	4.9	181	0
30	5288.5	23	1.2	211	1
Detection Percentage: 86.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	16	6	278	1
2	5251.5	18	6.7	455	1
3	5251.5	17	8.7	315	1
4	5251.5	16	7.9	315	0
5	5251.5	17	8.8	392	1
6	5251.5	18	8.1	314	1
7	5251.5	18	6.1	376	0
8	5251.5	16	9	243	1
9	5251.5	18	7.3	469	1
10	5251	18	6	426	1
11	5270	17	9.6	477	1
12	5270	17	8.1	203	1
13	5270	18	6	269	1
14	5270	16	8.5	379	1
15	5270	17	9.6	208	0
16	5270	16	7.8	498	1
17	5270	17	9.8	386	1
18	5270	18	7.9	348	1
19	5270	16	7.4	226	1
20	5270	16	7.9	343	1
21	5288.5	17	7.6	460	1
22	5288.5	17	6.7	302	1
23	5288.5	16	7	398	1
24	5288.5	17	6.4	205	1
25	5288.5	16	8.5	425	1
26	5288.5	17	7	383	1
27	5288.5	18	7.6	318	1
28	5288.5	17	8.3	483	1
29	5288.5	17	7.9	349	1
30	5288.5	16	9	370	1
Detection Percentage: 90 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	16	15.9	290	1
2	5251.5	15	19.6	277	1
3	5251.5	15	16.2	232	1
4	5251.5	13	15.8	448	1
5	5251.5	13	19.1	287	1
6	5251.5	14	15.2	407	1
7	5251.5	15	17.1	326	1
8	5251.5	13	11.6	413	1
9	5251.5	15	11.2	302	1
10	5251	12	17.9	306	1
11	5270	14	11	378	1
12	5270	12	13.1	346	1
13	5270	14	14.4	252	0
14	5270	15	13	217	1
15	5270	14	19.3	281	1
16	5270	14	12.1	465	1
17	5270	13	15.2	379	1
18	5270	14	12.9	255	1
19	5270	12	18.4	334	1
20	5270	14	13.3	272	1
21	5288.5	13	12.6	409	0
22	5288.5	15	14.8	253	1
23	5288.5	16	13.3	387	0
24	5288.5	16	15.4	295	1
25	5288.5	13	17.7	303	1
26	5288.5	12	16.5	239	1
27	5288.5	15	12.5	371	1
28	5288.5	12	12.1	255	1
29	5288.5	13	13.5	357	1
30	5288.5	13	16.1	420	1
Detection Percentage: 90 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5270	1
2	5270	1
3	5270	1
4	5270	1
5	5270	1
6	5270	1
7	5270	1
8	5270	1
9	5270	1
10	5270	1
11	5255.9	1
12	5257.5	1
13	5258.3	1
14	5254.3	1
15	5253.5	1
16	5254.3	1
17	5257.9	1
18	5255.9	1
19	5258.3	1
20	5254.3	1
21	5283.3	1
22	5281.7	1
23	5284.9	1
24	5281.3	1
25	5280.9	1
26	5280.9	1
27	5283.3	1
28	5281.7	1
29	5284.1	1
30	5280.9	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	87.6	1883		0.060559	1
1	2	12	51.7	1452		1.47722	
2	2	12	54.8	1633		2.178391	
3	2	12	62.3	1475		2.653422	
4	2	12	91.4	1667		4.231699	
5	1	12	69.7			4.956466	
6	3	12	65	1423	1356	5.630167	
7	3	12	78.9	1206	1998	6.619213	
8	2	12	75.4	1742		6.999755	
9	2	12	95.1	1531		7.778188	
10	3	12	53.7	1352	1983	9.295192	
11	2	12	93.7	1537		10.127725	
12	3	12	91.2	1679	1911	11.013707	
13	3	12	84.8	1500	1018	11.73848	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	75.8			0.423857	1
1	2	5	53.5	1173		0.882744	
2	3	5	65.1	1343	1869	1.61721	
3	2	5	55.3	1306		2.570266	
4	3	5	94.9	1930	1118	3.593698	
5	2	5	66.9	1102		4.196481	
6	1	5	64.6			5.032031	
7	2	5	51.9	1219		6.323472	
8	1	5	91.3			7.010086	
9	2	5	76.2	1682		7.690047	
10	2	5	71.5	1283		8.505607	
11	2	5	59.4	1542		9.20902	
12	2	5	61.2	1182		9.998245	
13	1	5	56.7			10.821707	
14	2	5	94.8	1686		11.514598	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	50.2	1170		0.676416	
1	3	9	86.7	1130	1890	1.745747	
2	2	9	77.9	1600		1.993489	
3	2	9	91.3	1548		2.834596	
4	2	9	91.8	1340		4.33868	
5	2	9	74.2	1161		5.083152	
6	2	9	67	1091		6.421908	1
7	2	9	98.4	1506		6.762132	
8	1	9	54.8			7.973022	
9	3	9	77.3	1232	1927	8.938846	
10	3	9	94.6	1418	1672	9.416191	
11	2	9	87.3	1094		10.58375	
12	1	9	82.8			11.985066	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	81.8	1809		0.150595	1
1	2	7	70	1174		0.674256	
2	2	7	71.8	1933		1.767777	
3	3	7	57.8	1491	1676	1.852733	
4	1	7	61.3			2.402419	
5	1	7	68.5			3.181281	
6	3	7	61.4	1033	1768	3.86463	
7	1	7	55.7			4.643711	
8	2	7	79	1546		5.288774	
9	2	7	57.3	1349		5.654654	
10	1	7	54.6			6.228017	
11	2	7	82.5	1063		7.146451	
12	2	7	86.5	1181		7.327616	
13	1	7	97.5			8.277455	
14	2	7	61.1	1112		8.879174	
15	3	7	93.8	1862	1344	9.258727	
16	2	7	87.1	1881		9.823589	
17	2	7	73.8	1228		10.482997	
18	1	7	96.5			10.969086	
19	3	7	51.5	1424	1748	11.764629	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	84.9			0.098842	
1	3	7	72.8	1238	1203	1.023963	
2	2	7	70	1861		1.566269	
3	3	7	77.4	1429	1536	2.428686	
4	3	7	99.6	1654	1317	3.046453	
5	1	7	78.7			3.751673	
6	2	7	77.8	1324		3.922764	
7	1	7	88.9			4.997257	
8	3	7	84.9	1994	1780	5.46446	
9	2	7	68.8	1087		6.07986	1
10	2	7	60.3	1819		6.519803	
11	2	7	88.4	1737		7.486563	
12	2	7	76.2	1045		7.803516	
13	2	7	99.5	1708		8.600373	
14	2	7	75.3	1380		9.306851	
15	2	7	58.9	1257		9.667182	
16	2	7	84.8	1349		10.262604	
17	2	7	54.7	1259		11.136734	
18	1	7	60.7			11.480572	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	80.3	1550		0.182088	
1	1	14	68.5			1.773974	
2	3	14	50.6	1753	1384	2.625074	
3	3	14	72	1261	1994	3.820306	
4	2	14	78.5	1858		5.679643	
5	1	14	51.3			7.091311	1
6	2	14	60.2	1595		7.795032	
7	3	14	76.3	1694	1352	8.518305	
8	1	14	68.6			9.605939	
9	1	14	67.3			11.059297	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	54.9	1706		0.079854	1
1	3	10	79.9	1819	1396	1.030403	
2	2	10	88.8	1331		1.637347	
3	1	10	99.3			2.346686	
4	2	10	87.6	1815		3.702257	
5	2	10	73.2	1227		4.322037	
6	1	10	87.2			4.740828	
7	2	10	89.6	1793		5.922594	
8	2	10	55.9	1778		6.701693	
9	2	10	87.7	1651		7.374338	
10	1	10	60			8.218028	
11	1	10	91.9			8.985832	
12	2	10	62.8	1778		9.138396	
13	2	10	76.5	1948		10.316674	
14	2	10	80.7	1118		10.91153	
15	2	10	50.3	1129		11.649024	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	58.2	1030		0.004611	1
1	2	5	58.7	1539		1.427589	
2	2	5	73.3	1238		1.869576	
3	3	5	78.5	1725	1990	3.183898	
4	1	5	82.6			3.936673	
5	2	5	51.2	1122		5.167742	
6	2	5	51.5	1646		6.14586	
7	2	5	84.7	1273		7.29782	
8	2	5	71.9	1179		8.288565	
9	3	5	77.4	1586	1222	8.629697	
10	2	5	78.3	1816		9.494419	
11	1	5	67.3			10.918098	
12	3	5	80.9	1654	1790	11.735113	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	57.9	1036	1153	0.28095	
1	2	13	79.3	1425		1.030212	
2	2	13	78.2	1434		2.209568	
3	2	13	60.1	1248		2.765091	
4	2	13	87.3	1720		3.452477	
5	3	13	80.3	1685	1961	4.30168	
6	2	13	86.1	1410		5.044331	
7	1	13	56.9			6.277986	1
8	2	13	75.9	1579		6.669499	
9	1	13	69.2			7.539421	
10	2	13	60.8	1325		8.431469	
11	1	13	93			9.478113	
12	2	13	89.1	1721		10.369062	
13	2	13	61.4	1216		10.511042	
14	3	13	57.4	1687	1754	11.321728	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	77.6			0.015965	
1	3	7	63.6	1164	1760	1.184296	
2	3	7	89.8	1577	1396	1.543879	
3	2	7	99.2	1747		1.930142	
4	2	7	88.2	1844		2.630768	
5	2	7	53.6	1840		3.380924	
6	3	7	79.1	1309	1313	4.152636	
7	3	7	92.6	1221	1573	4.63592	
8	2	7	63.8	1572		4.863961	
9	2	7	59.6	1841		5.49389	
10	2	7	94.4	1755		6.484215	1
11	3	7	74	1407	1503	6.60176	
12	1	7	88.7			7.466854	
13	2	7	51.5	1763		7.919498	
14	1	7	74.6			8.770999	
15	3	7	83.9	1267	1845	9.436765	
16	2	7	67.4	1184		10.018616	
17	3	7	50.9	1640	1889	10.643869	
18	1	7	84.1			10.80344	
19	2	7	98.9	1546		11.948385	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	79.1	1607		0.017088	1
1	3	11	81.7	1229	1595	1.587518	
2	2	11	96.6	1111		1.92519	
3	2	11	83.8	1858		2.663823	
4	2	11	91.5	1648		3.508674	
5	3	11	99.9	1446	1931	4.570105	
6	3	11	66.5	1807	1746	5.800803	
7	1	11	63			6.680101	
8	3	11	69.7	1473	1161	7.185709	
9	1	11	55.1			8.26677	
10	1	11	78.6			8.834768	
11	1	11	94.1			9.576838	
12	3	11	57.2	1033	1702	10.341133	
13	3	11	85.1	1517	1032	11.358735	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	88.4	1283	1322	0.629507	1
1	2	15	77.9	1274		1.175457	
2	3	15	90.5	1976	1503	1.52164	
3	1	15	69.6			2.166159	
4	1	15	84.9			3.136887	
5	2	15	53.7	1848		3.750764	
6	1	15	51.7			4.399987	
7	1	15	61.5			4.936505	
8	2	15	94.3	1733		5.871369	
9	3	15	88.8	1866	1098	6.029879	
10	3	15	75.5	1889	1801	6.869709	
11	2	15	86.3	1253		7.956553	
12	1	15	96.8			8.154994	
13	2	15	65	1326		9.166642	
14	1	15	68			9.368424	
15	2	15	91.2	1685		10.27495	
16	2	15	68.5	1571		11.163348	
17	2	15	53	1340		11.985959	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	87	1430	1859	0.261057	1
1	2	17	72.5	1264		1.493038	
2	1	17	96			1.97211	
3	3	17	78.5	1004	1666	2.681951	
4	1	17	55.2			3.925172	
5	2	17	66.9	1062		4.432043	
6	3	17	70.1	1550	1346	5.245161	
7	2	17	98.5	1977		6.156353	
8	1	17	63.4			6.459537	
9	2	17	87	1644		7.562985	
10	1	17	98.4			8.672485	
11	2	17	60	1917		9.415671	
12	1	17	55.1			10.112048	
13	1	17	56.9			11.061285	
14	2	17	64.2	1824		11.469705	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	57.2	1548		0.264459	
1	2	7	60.1	1881		1.598737	
2	3	7	57.1	1352	1351	3.457451	
3	2	7	88.1	1406		4.950899	
4	3	7	77.8	1690	1694	5.984718	1
5	3	7	78.4	1755	1811	7.808735	
6	2	7	92.3	1752		8.735183	
7	2	7	85.3	1666		10.616296	
8	3	7	55.1	1062	1651	11.043771	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	61	1475		0.022025	
1	3	5	52.7	1439	1188	0.792487	
2	3	5	59	1652	1457	1.864291	
3	2	5	55.6	1050		2.203142	
4	2	5	53	1312		3.027308	
5	2	5	92.6	1069		3.908329	
6	1	5	79.6			4.432171	
7	1	5	59.1			5.568808	
8	2	5	82.1	1129		6.129715	1
9	3	5	81.3	1726	1222	6.66009	
10	3	5	71.8	1397	1080	7.641053	
11	2	5	88.1	1235		8.135932	
12	2	5	96.2	1705		8.864035	
13	2	5	76.6	1428		9.414632	
14	3	5	83	1383	1475	10.018702	
15	2	5	88.2	1449		10.73296	
16	2	5	66.6	1270		11.337653	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	50.6	1209		0.068576	
1	2	7	59.3	1169		1.113557	
2	2	7	98.1	1190		1.282152	
3	2	7	82.8	1234		2.066759	
4	2	7	70	1886		2.584731	
5	2	7	61.4	1991		3.334869	
6	2	7	83.4	1277		4.013315	
7	3	7	51.6	1033	1078	5.006737	
8	2	7	73.1	1118		5.671479	
9	3	7	78.3	1480	1528	6.107364	1
10	1	7	92.8			6.65173	
11	2	7	71.6	1854		6.991862	
12	2	7	57.2	1116		7.630266	
13	2	7	63.4	1460		8.384133	
14	2	7	80.3	1598		9.262908	
15	2	7	100	1845		9.735452	
16	1	7	76.3			10.266231	
17	1	7	91			11.19109	
18	3	7	97.6	1205	1957	11.96899	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	55.9	1839		0.097793	1
1	2	16	82.6	1939		0.91506	
2	2	16	88.3	1657		1.559325	
3	2	16	93	1385		2.268791	
4	1	16	57.2			3.64335	
5	1	16	63.6			4.333379	
6	2	16	77.1	1956		4.769491	
7	2	16	64.8	1280		5.634973	
8	2	16	73.1	1545		6.480663	
9	2	16	90.4	1767		7.033239	
10	2	16	89.7	1282		8.060245	
11	2	16	72.2	1836		8.64847	
12	2	16	94.1	1070		9.652854	
13	2	16	62.4	1965		10.453555	
14	3	16	87.6	1224	1977	11.082841	
15	3	16	66.6	1641	1253	11.884818	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	69.4	1986		0.434385	1
1	1	11	72.6			0.789511	
2	2	11	80.2	1703		1.764517	
3	2	11	92.9	1625		2.374787	
4	2	11	69.5	1717		2.787775	
5	2	11	50.7	1548		3.583452	
6	2	11	57.3	1831		4.330739	
7	2	11	97.3	1764		4.764925	
8	2	11	63.7	1024		5.118728	
9	3	11	78.4	1024	1505	6.134792	
10	3	11	78.4	1977	1600	6.677737	
11	2	11	52.6	1168		7.47277	
12	2	11	58.9	1055		8.174598	
13	2	11	95.9	1894		8.778277	
14	1	11	91.1			8.944347	
15	2	11	51.5	1097		9.664614	
16	2	11	60.6	1057		10.625792	
17	2	11	54.7	1292		10.75867	
18	2	11	72.5	1697		11.431263	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	78.5	1860		0.039382	
1	3	17	61.3	1027	1911	0.891474	
2	2	17	52.9	1141		2.107461	
3	2	17	67.9	1239		2.635607	
4	3	17	95.3	1531	1811	3.697136	
5	2	17	94.9	1455		4.045608	
6	3	17	57.2	1543	1332	4.991605	
7	3	17	89.5	1751	1050	5.792708	1
8	2	17	93.8	1966		6.838187	
9	1	17	74.7			7.329064	
10	2	17	70.9	1599		8.232768	
11	2	17	55.8	1051		8.905122	
12	2	17	78.3	1641		10.092175	
13	3	17	94.2	1838	1818	11.179461	
14	3	17	54.6	1008	1125	11.434027	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	73.9	1279		0.103342	
1	3	7	80	1508	1027	0.889989	
2	3	7	86.7	1969	1806	1.876738	
3	1	7	93.1			1.898639	
4	2	7	74.9	1876		2.999981	
5	3	7	76.8	1567	1522	3.441134	
6	2	7	60.6	1246		3.890677	
7	2	7	89.2	1556		4.459452	
8	2	7	56.2	1128		5.578415	
9	2	7	66.9	1594		6.120972	1
10	2	7	95.9	1218		6.927626	
11	2	7	51.2	1493		7.513915	
12	2	7	91	1258		7.914931	
13	1	7	92.3			8.269082	
14	1	7	91			9.016599	
15	3	7	65.2	1974	1554	9.744977	
16	2	7	74.9	1114		10.344069	
17	2	7	90.1	1883		11.294808	
18	1	7	93.2			11.464159	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	60.9			0.01453	1
1	3	13	74.5	1639	1170	1.235159	
2	3	13	56.4	1580	1571	1.857483	
3	2	13	95.8	1720		2.023546	
4	2	13	50.9	1788		2.769887	
5	3	13	80	1296	1471	3.975791	
6	2	13	60.3	1340		4.050908	
7	2	13	90	1698		5.05147	
8	2	13	81.8	1996		5.415193	
9	3	13	94.1	1375	1921	6.452279	
10	2	13	84.8	1999		7.172974	
11	3	13	61.8	1048	1033	7.386806	
12	1	13	84.5			8.334436	
13	2	13	84.5	1214		9.089831	
14	2	13	66.8	1955		9.447843	
15	2	13	73.4	1683		10.16037	
16	1	13	89.4			10.823002	
17	2	13	95.3	1753		11.682782	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	69.2	1728		0.63164	1
1	1	17	98.9			1.238324	
2	2	17	71.8	1280		2.480056	
3	2	17	81.9	1853		3.327999	
4	3	17	99	1107	1380	4.512302	
5	2	17	96.3	1700		5.907588	
6	1	17	85.6			6.610942	
7	2	17	85.8	1699		8.230675	
8	2	17	53.2	1241		9.279787	
9	2	17	54.8	1996		10.753512	
10	2	17	96.3	1208		11.540187	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	99.7	1820	1496	0.530142	1
1	2	9	63.7	1683		0.666897	
2	1	9	50.1			1.336262	
3	1	9	53.8			1.931188	
4	2	9	73.8	1032		2.6249	
5	2	9	60.6	1538		3.0447	
6	2	9	97.9	1687		3.635791	
7	1	9	90			4.582861	
8	1	9	54.9			5.312114	
9	2	9	50.5	1503		5.497918	
10	1	9	69.9			6.007099	
11	1	9	65.5			6.929246	
12	3	9	81.6	1436	1603	7.709094	
13	1	9	99.2			8.080902	
14	2	9	88.5	1972		8.686978	
15	2	9	55.3	1545		9.421224	
16	2	9	61.6	1393		9.839242	
17	2	9	66.5	1779		10.644363	
18	2	9	95.3	1465		11.34237	
19	3	9	61.8	1585	1371	11.787115	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	53.9	1995		0.003789	1
1	2	18	81.9	1320		1.377161	
2	1	18	97.5			2.046859	
3	2	18	78.3	1418		3.963599	
4	1	18	71.8			4.799255	
5	2	18	90.6	1788		5.754784	
6	3	18	53.1	1842	1263	6.192056	
7	2	18	93.6	1507		7.421205	
8	3	18	64.9	1750	1170	8.87148	
9	1	18	60			9.36369	
10	2	18	62	1227		10.489914	
11	3	18	83.1	1674	1948	11.207439	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	67.9	1986		0.260877	
1	3	19	60.4	1934	1417	0.93515	
2	2	19	89.1	1321		1.786817	
3	1	19	86.3			2.273575	
4	2	19	56	1164		3.285874	
5	2	19	58.6	1529		4.378405	
6	2	19	83.5	1823		5.035446	
7	2	19	81	1334		5.442381	
8	2	19	85.7	1989		6.298847	1
9	1	19	82.4			6.829259	
10	1	19	79.8			7.695763	
11	2	19	98.6	1352		8.907983	
12	3	19	83.4	1101	1127	9.545652	
13	1	19	68.7			9.841424	
14	3	19	70.7	1294	1939	10.934134	
15	2	19	54.2	1608		11.934923	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	86.9	1025		0.601953	
1	2	19	73.6	1762		1.509231	
2	3	19	84	1186	1081	2.096586	
3	2	19	67.6	1325		2.734638	
4	1	19	59.3			3.772697	
5	2	19	77.1	1148		4.512664	
6	2	19	96.9	1467		5.272658	
7	1	19	94.3			6.002644	1
8	1	19	96.1			6.766436	
9	2	19	70.8	1512		7.368659	
10	3	19	65.1	1283	1375	8.585414	
11	1	19	86			9.501908	
12	2	19	56.5	1023		10.040832	
13	2	19	58.9	1466		10.81369	
14	2	19	92.9	1903		11.884843	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	53.8			0.211332	
1	1	13	96			0.739119	
2	2	13	79.8	1003		1.812365	
3	2	13	74.7	1654		2.121133	
4	2	13	90.5	1887		3.241958	
5	2	13	53.9	1456		4.17989	
6	2	13	82.3	1693		4.695559	
7	3	13	83.5	1076	1716	5.031656	
8	2	13	87.6	1100		5.984845	1
9	1	13	98.6			6.614555	
10	3	13	99.9	1446	1761	7.429384	
11	2	13	55	1178		7.916887	
12	3	13	64.3	1929	1505	8.602418	
13	3	13	88.1	1567	1355	9.556065	
14	1	13	98.6			10.120083	
15	1	13	73			10.943175	
16	1	13	96.7			11.364705	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	51.5	1655	1205	0.511589	
1	3	17	78.5	1298	1206	0.943443	
2	1	17	91.3			1.862453	
3	2	17	52	1631		3.004779	
4	2	17	50.2	1708		4.0285	
5	3	17	84.6	1099	1774	5.320516	
6	2	17	65.4	1912		6.17344	1
7	2	17	70.7	1279		7.272295	
8	1	17	59.4			7.506037	
9	2	17	66.8	1981		8.378909	
10	2	17	56.8	1674		9.339282	
11	2	17	53.2	1136		10.318735	
12	2	17	88.3	1539		11.2768	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	89.1			0.610015	
1	3	11	94.9	1544	1452	1.208202	
2	1	11	90			1.518859	
3	1	11	58.6			2.073032	
4	2	11	72.7	1154		2.709535	
5	2	11	62.7	1283		3.549623	
6	1	11	50.6			4.325591	
7	1	11	57			4.880732	
8	1	11	59.1			5.11386	
9	2	11	77	1320		5.816446	1
10	2	11	85.2	1614		6.554613	
11	2	11	97.3	1879		7.363277	
12	2	11	72.4	1435		7.768701	
13	3	11	80.9	1569	1248	8.75872	
14	1	11	82.7			9.432275	
15	1	11	69.2			10.026391	
16	2	11	56.3	1566		10.235996	
17	1	11	62.2			10.983398	
18	3	11	81	1172	1917	11.838383	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	64.7	1919	1300	0.622124	1
1	2	19	58	1237		1.75577	
2	1	19	52.4			2.561218	
3	1	19	54.1			3.417704	
4	2	19	98.1	1169		4.302599	
5	2	19	74.5	1463		5.075278	
6	2	19	92.2	1243		6.103486	
7	3	19	92.9	1464	1331	6.596555	
8	2	19	83.2	1545		7.83481	
9	1	19	92.7			9.098345	
10	2	19	64.8	1796		10.08161	
11	2	19	70.9	1395		10.83445	
12	2	19	75.5	1743		11.332287	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5270	9	1	333	1	5521.0, 5299.0, 5381.0, 5658.0, 5633.0, 5364.0, 5345.0, 5590.0, 5529.0, 5502.0, 5447.0, 5598.0, 5466.0, 5292.0, 5460.0, 5674.0, 5445.0, 5491.0, 5436.0, 5688.0, 5531.0, 5328.0, 5641.0, 5409.0, 5271.0, 5340.0, 5470.0, 5375.0, 5625.0, 5373.0, 5699.0, 5357.0, 5446.0, 5587.0, 5283.0, 5652.0, 5318.0, 5525.0, 5701.0, 5493.0, 5330.0, 5618.0, 5632.0, 5504.0, 5405.0, 5350.0, 5718.0, 5685.0, 5721.0, 5507.0, 5433.0, 5664.0, 5260.0, 5489.0, 5442.0, 5665.0, 5553.0, 5487.0, 5588.0, 5580.0, 5537.0, 5614.0, 5399.0, 5323.0, 5684.0, 5372.0, 5471.0, 5441.0, 5492.0, 5463.0, 5562.0, 5530.0, 5532.0, 5723.0, 5694.0, 5501.0, 5561.0, 5312.0, 5422.0, 5388.0, 5683.0, 5667.0, 5309.0, 5543.0, 5488.0, 5389.0, 5594.0, 5408.0, 5316.0, 5710.0, 5280.0, 5419.0, 5595.0, 5396.0, 5429.0, 5452.0, 5585.0, 5706.0, 5456.0, 5591.0 (number of hits: 4)
2	5270	9	1	333	1	5409.0, 5270.0, 5641.0, 5470.0, 5300.0, 5576.0, 5568.0, 5264.0, 5465.0, 5289.0, 5577.0, 5363.0, 5266.0, 5291.0, 5668.0, 5707.0, 5585.0, 5367.0, 5626.0, 5696.0, 5311.0, 5561.0, 5532.0, 5257.0, 5484.0, 5294.0, 5684.0, 5638.0, 5591.0, 5307.0, 5423.0, 5313.0, 5386.0, 5667.0, 5283.0, 5634.0, 5292.0, 5687.0, 5473.0, 5639.0, 5445.0, 5394.0, 5710.0, 5694.0, 5360.0, 5353.0, 5271.0, 5714.0, 5531.0, 5427.0, 5708.0, 5361.0, 5447.0, 5523.0, 5607.0, 5429.0, 5346.0, 5666.0, 5436.0, 5542.0, 5671.0, 5692.0, 5352.0, 5417.0, 5716.0, 5420.0, 5439.0, 5503.0, 5501.0, 5440.0, 5693.0, 5651.0, 5530.0, 5601.0, 5643.0, 5491.0, 5547.0, 5525.0, 5594.0, 5364.0, 5402.0, 5720.0, 5598.0, 5697.0, 5573.0, 5514.0, 5338.0, 5335.0, 5369.0, 5415.0, 5546.0, 5673.0, 5636.0, 5431.0, 5293.0, 5548.0, 5723.0, 5703.0, 5269.0, 5674.0 (number of hits: 7)
3	5270	9	1	333	1	5420.0, 5537.0, 5253.0, 5534.0, 5395.0, 5550.0, 5692.0, 5498.0, 5620.0, 5474.0, 5595.0, 5451.0, 5720.0, 5509.0, 5526.0, 5630.0, 5512.0, 5372.0, 5717.0, 5306.0, 5340.0, 5584.0, 5583.0, 5652.0, 5346.0, 5722.0, 5697.0, 5492.0, 5539.0, 5671.0, 5655.0, 5402.0, 5381.0, 5573.0, 5491.0, 5282.0, 5368.0, 5359.0, 5646.0, 5686.0, 5261.0, 5575.0, 5288.0, 5277.0, 5639.0, 5308.0, 5409.0, 5319.0, 5633.0, 5278.0, 5627.0, 5434.0, 5342.0, 5568.0, 5398.0, 5470.0, 5636.0, 5266.0, 5668.0, 5714.0, 5316.0, 5704.0, 5667.0, 5467.0, 5358.0,

						5689.0, 5479.0, 5531.0, 5579.0, 5503.0, 5520.0, 5525.0, 5582.0, 5490.0, 5547.0, 5469.0, 5519.0, 5412.0, 5274.0, 5647.0, 5554.0, 5334.0, 5303.0, 5698.0, 5383.0, 5495.0, 5703.0, 5621.0, 5576.0, 5684.0, 5606.0, 5591.0, 5700.0, 5544.0, 5631.0, 5613.0, 5305.0, 5447.0, 5555.0, 5514.0 (number of hits: 7)
4	5270	9	1	333	1	5702.0, 5543.0, 5516.0, 5474.0, 5497.0, 5544.0, 5635.0, 5259.0, 5622.0, 5276.0, 5598.0, 5280.0, 5461.0, 5615.0, 5513.0, 5578.0, 5268.0, 5548.0, 5426.0, 5354.0, 5639.0, 5368.0, 5402.0, 5597.0, 5458.0, 5638.0, 5627.0, 5698.0, 5518.0, 5344.0, 5629.0, 5434.0, 5661.0, 5550.0, 5669.0, 5456.0, 5481.0, 5457.0, 5320.0, 5674.0, 5439.0, 5633.0, 5394.0, 5506.0, 5329.0, 5641.0, 5273.0, 5364.0, 5419.0, 5490.0, 5417.0, 5562.0, 5305.0, 5640.0, 5538.0, 5482.0, 5708.0, 5527.0, 5346.0, 5452.0, 5722.0, 5470.0, 5551.0, 5577.0, 5382.0, 5583.0, 5607.0, 5657.0, 5327.0, 5353.0, 5319.0, 5574.0, 5388.0, 5663.0, 5380.0, 5659.0, 5260.0, 5602.0, 5301.0, 5569.0, 5519.0, 5308.0, 5318.0, 5384.0, 5342.0, 5487.0, 5492.0, 5473.0, 5333.0, 5478.0, 5400.0, 5603.0, 5409.0, 5575.0, 5649.0, 5553.0, 5357.0, 5590.0, 5375.0, 5646.0 (number of hits: 6)
5	5270	9	1	333	1	5366.0, 5409.0, 5384.0, 5689.0, 5399.0, 5325.0, 5288.0, 5265.0, 5281.0, 5515.0, 5271.0, 5422.0, 5671.0, 5516.0, 5289.0, 5354.0, 5698.0, 5414.0, 5583.0, 5445.0, 5348.0, 5467.0, 5297.0, 5513.0, 5429.0, 5715.0, 5496.0, 5506.0, 5707.0, 5487.0, 5631.0, 5660.0, 5656.0, 5674.0, 5374.0, 5272.0, 5678.0, 5307.0, 5526.0, 5313.0, 5705.0, 5637.0, 5685.0, 5497.0, 5359.0, 5268.0, 5455.0, 5369.0, 5675.0, 5587.0, 5633.0, 5629.0, 5283.0, 5590.0, 5451.0, 5389.0, 5712.0, 5300.0, 5260.0, 5722.0, 5670.0, 5628.0, 5406.0, 5578.0, 5437.0, 5472.0, 5458.0, 5663.0, 5385.0, 5448.0, 5360.0, 5275.0, 5657.0, 5592.0, 5321.0, 5420.0, 5699.0, 5603.0, 5546.0, 5676.0, 5303.0, 5336.0, 5273.0, 5319.0, 5683.0, 5441.0, 5696.0, 5681.0, 5364.0, 5397.0, 5547.0, 5701.0, 5662.0, 5534.0, 5331.0, 5665.0, 5335.0, 5390.0, 5576.0, 5559.0 (number of hits: 9)
6	5270	9	1	333	1	5491.0, 5432.0, 5514.0, 5364.0, 5510.0, 5487.0, 5492.0, 5361.0, 5460.0, 5349.0, 5304.0, 5326.0, 5410.0, 5603.0, 5605.0, 5264.0, 5283.0, 5642.0, 5375.0, 5579.0, 5301.0, 5359.0, 5380.0, 5430.0, 5319.0, 5281.0, 5594.0, 5474.0, 5591.0, 5337.0, 5596.0, 5655.0, 5468.0, 5590.0, 5300.0, 5469.0, 5317.0, 5445.0, 5384.0, 5617.0, 5385.0, 5687.0, 5562.0, 5372.0, 5711.0, 5434.0, 5572.0, 5692.0, 5553.0, 5286.0,

						5709.0, 5295.0, 5701.0, 5401.0, 5268.0, 5484.0, 5716.0, 5455.0, 5371.0, 5550.0, 5575.0, 5420.0, 5705.0, 5531.0, 5721.0, 5311.0, 5477.0, 5334.0, 5393.0, 5429.0, 5714.0, 5584.0, 5470.0, 5678.0, 5593.0, 5501.0, 5427.0, 5599.0, 5689.0, 5350.0, 5674.0, 5552.0, 5679.0, 5272.0, 5382.0, 5369.0, 5625.0, 5564.0, 5284.0, 5545.0, 5684.0, 5266.0, 5296.0, 5365.0, 5611.0, 5404.0, 5273.0, 5525.0, 5559.0, 5517.0 (number of hits: 9)
7	5270	9	1	333	1	5666.0, 5625.0, 5680.0, 5413.0, 5400.0, 5612.0, 5630.0, 5453.0, 5531.0, 5638.0, 5597.0, 5582.0, 5412.0, 5656.0, 5307.0, 5284.0, 5326.0, 5252.0, 5354.0, 5262.0, 5334.0, 5426.0, 5575.0, 5658.0, 5374.0, 5519.0, 5491.0, 5309.0, 5516.0, 5278.0, 5607.0, 5290.0, 5421.0, 5699.0, 5283.0, 5713.0, 5691.0, 5533.0, 5423.0, 5515.0, 5510.0, 5576.0, 5483.0, 5405.0, 5709.0, 5573.0, 5338.0, 5540.0, 5701.0, 5502.0, 5616.0, 5549.0, 5489.0, 5684.0, 5716.0, 5300.0, 5257.0, 5475.0, 5643.0, 5275.0, 5635.0, 5583.0, 5294.0, 5311.0, 5723.0, 5414.0, 5271.0, 5622.0, 5542.0, 5344.0, 5673.0, 5360.0, 5410.0, 5602.0, 5599.0, 5466.0, 5717.0, 5339.0, 5604.0, 5341.0, 5259.0, 5434.0, 5340.0, 5554.0, 5693.0, 5498.0, 5358.0, 5454.0, 5398.0, 5416.0, 5407.0, 5671.0, 5452.0, 5370.0, 5460.0, 5335.0, 5632.0, 5651.0, 5555.0, 5471.0 (number of hits: 9)
8	5270	9	1	333	1	5280.0, 5450.0, 5420.0, 5689.0, 5336.0, 5573.0, 5311.0, 5297.0, 5470.0, 5553.0, 5535.0, 5534.0, 5614.0, 5674.0, 5309.0, 5392.0, 5558.0, 5597.0, 5524.0, 5635.0, 5514.0, 5710.0, 5346.0, 5546.0, 5569.0, 5314.0, 5400.0, 5401.0, 5549.0, 5625.0, 5463.0, 5503.0, 5362.0, 5522.0, 5706.0, 5302.0, 5342.0, 5490.0, 5329.0, 5687.0, 5656.0, 5360.0, 5476.0, 5271.0, 5268.0, 5293.0, 5285.0, 5556.0, 5379.0, 5720.0, 5622.0, 5366.0, 5378.0, 5332.0, 5668.0, 5709.0, 5431.0, 5579.0, 5691.0, 5261.0, 5580.0, 5301.0, 5411.0, 5565.0, 5339.0, 5603.0, 5704.0, 5351.0, 5531.0, 5566.0, 5673.0, 5413.0, 5495.0, 5447.0, 5412.0, 5506.0, 5349.0, 5541.0, 5305.0, 5471.0, 5361.0, 5482.0, 5294.0, 5555.0, 5545.0, 5601.0, 5609.0, 5380.0, 5619.0, 5661.0, 5308.0, 5330.0, 5488.0, 5664.0, 5265.0, 5670.0, 5651.0, 5707.0, 5464.0, 5328.0 (number of hits: 6)
9	5270	9	1	333	1	5677.0, 5353.0, 5680.0, 5473.0, 5467.0, 5373.0, 5571.0, 5453.0, 5619.0, 5456.0, 5419.0, 5717.0, 5676.0, 5496.0, 5577.0, 5495.0, 5552.0, 5523.0, 5539.0, 5315.0, 5490.0, 5576.0, 5661.0, 5721.0, 5308.0, 5388.0, 5474.0, 5415.0, 5389.0, 5520.0, 5547.0, 5488.0, 5293.0, 5364.0, 5457.0,

						5403.0, 5690.0, 5333.0, 5409.0, 5515.0, 5417.0, 5593.0, 5253.0, 5414.0, 5438.0, 5485.0, 5691.0, 5335.0, 5548.0, 5301.0, 5434.0, 5682.0, 5307.0, 5425.0, 5323.0, 5524.0, 5338.0, 5582.0, 5448.0, 5478.0, 5535.0, 5487.0, 5688.0, 5521.0, 5562.0, 5644.0, 5327.0, 5538.0, 5687.0, 5546.0, 5479.0, 5654.0, 5503.0, 5553.0, 5274.0, 5556.0, 5422.0, 5362.0, 5536.0, 5595.0, 5410.0, 5336.0, 5266.0, 5719.0, 5265.0, 5363.0, 5379.0, 5286.0, 5476.0, 5638.0, 5255.0, 5273.0, 5519.0, 5627.0, 5533.0, 5298.0, 5445.0, 5673.0, 5300.0, 5390.0 (number of hits: 7)
10	5270	9	1	333	1	5317.0, 5513.0, 5700.0, 5606.0, 5333.0, 5325.0, 5401.0, 5475.0, 5654.0, 5619.0, 5405.0, 5324.0, 5604.0, 5313.0, 5605.0, 5662.0, 5718.0, 5458.0, 5276.0, 5609.0, 5270.0, 5561.0, 5288.0, 5596.0, 5282.0, 5357.0, 5582.0, 5481.0, 5530.0, 5465.0, 5355.0, 5418.0, 5699.0, 5425.0, 5671.0, 5477.0, 5436.0, 5374.0, 5453.0, 5321.0, 5272.0, 5283.0, 5509.0, 5463.0, 5620.0, 5413.0, 5507.0, 5569.0, 5568.0, 5468.0, 5347.0, 5535.0, 5256.0, 5376.0, 5454.0, 5672.0, 5586.0, 5439.0, 5492.0, 5600.0, 5428.0, 5658.0, 5698.0, 5692.0, 5341.0, 5613.0, 5348.0, 5352.0, 5504.0, 5299.0, 5656.0, 5712.0, 5612.0, 5408.0, 5687.0, 5636.0, 5638.0, 5543.0, 5448.0, 5501.0, 5306.0, 5715.0, 5681.0, 5512.0, 5261.0, 5649.0, 5456.0, 5589.0, 5693.0, 5449.0, 5550.0, 5469.0, 5480.0, 5558.0, 5574.0, 5676.0, 5648.0, 5470.0, 5403.0, 5332.0 (number of hits: 7)
11	5270	9	1	333	1	5699.0, 5420.0, 5643.0, 5687.0, 5298.0, 5703.0, 5416.0, 5502.0, 5323.0, 5274.0, 5587.0, 5368.0, 5464.0, 5514.0, 5615.0, 5443.0, 5652.0, 5625.0, 5305.0, 5520.0, 5644.0, 5548.0, 5585.0, 5387.0, 5621.0, 5476.0, 5456.0, 5360.0, 5377.0, 5537.0, 5489.0, 5303.0, 5346.0, 5564.0, 5421.0, 5343.0, 5668.0, 5438.0, 5436.0, 5630.0, 5608.0, 5467.0, 5646.0, 5691.0, 5577.0, 5296.0, 5301.0, 5283.0, 5371.0, 5465.0, 5636.0, 5316.0, 5388.0, 5472.0, 5390.0, 5474.0, 5682.0, 5624.0, 5633.0, 5620.0, 5284.0, 5609.0, 5596.0, 5555.0, 5709.0, 5673.0, 5324.0, 5290.0, 5446.0, 5427.0, 5505.0, 5642.0, 5448.0, 5538.0, 5492.0, 5525.0, 5364.0, 5457.0, 5432.0, 5715.0, 5453.0, 5638.0, 5402.0, 5269.0, 5349.0, 5267.0, 5292.0, 5362.0, 5605.0, 5543.0, 5561.0, 5294.0, 5710.0, 5254.0, 5442.0, 5560.0, 5314.0, 5612.0, 5712.0, 5302.0 (number of hits: 6)
12	5270	9	1	333	1	5599.0, 5500.0, 5462.0, 5684.0, 5513.0, 5338.0, 5670.0, 5345.0, 5406.0, 5545.0, 5326.0, 5420.0, 5551.0, 5346.0, 5719.0, 5538.0, 5465.0, 5394.0, 5306.0, 5383.0,

						5290.0, 5563.0, 5556.0, 5648.0, 5285.0, 5542.0, 5650.0, 5262.0, 5580.0, 5319.0, 5337.0, 5289.0, 5655.0, 5300.0, 5461.0, 5501.0, 5475.0, 5445.0, 5269.0, 5596.0, 5372.0, 5718.0, 5299.0, 5578.0, 5568.0, 5425.0, 5685.0, 5327.0, 5585.0, 5410.0, 5496.0, 5546.0, 5536.0, 5690.0, 5613.0, 5286.0, 5529.0, 5312.0, 5332.0, 5701.0, 5271.0, 5363.0, 5257.0, 5361.0, 5704.0, 5569.0, 5582.0, 5653.0, 5280.0, 5476.0, 5322.0, 5360.0, 5600.0, 5283.0, 5380.0, 5483.0, 5409.0, 5659.0, 5641.0, 5607.0, 5581.0, 5449.0, 5517.0, 5713.0, 5450.0, 5537.0, 5515.0, 5691.0, 5593.0, 5566.0, 5526.0, 5531.0, 5316.0, 5602.0, 5574.0, 5252.0, 5272.0, 5649.0, 5506.0, 5532.0 (number of hits: 11)
13	5270	9	1	333	1	5542.0, 5375.0, 5550.0, 5471.0, 5596.0, 5716.0, 5291.0, 5703.0, 5548.0, 5635.0, 5453.0, 5537.0, 5593.0, 5368.0, 5424.0, 5700.0, 5487.0, 5341.0, 5468.0, 5574.0, 5651.0, 5592.0, 5573.0, 5658.0, 5327.0, 5403.0, 5365.0, 5488.0, 5420.0, 5290.0, 5345.0, 5701.0, 5250.0, 5319.0, 5623.0, 5252.0, 5554.0, 5380.0, 5704.0, 5442.0, 5352.0, 5569.0, 5384.0, 5262.0, 5414.0, 5528.0, 5629.0, 5308.0, 5292.0, 5321.0, 5303.0, 5693.0, 5638.0, 5457.0, 5660.0, 5340.0, 5435.0, 5699.0, 5619.0, 5722.0, 5595.0, 5578.0, 5514.0, 5410.0, 5545.0, 5419.0, 5497.0, 5575.0, 5509.0, 5670.0, 5633.0, 5688.0, 5605.0, 5499.0, 5418.0, 5440.0, 5314.0, 5626.0, 5645.0, 5446.0, 5347.0, 5494.0, 5394.0, 5480.0, 5335.0, 5364.0, 5348.0, 5601.0, 5469.0, 5353.0, 5498.0, 5425.0, 5692.0, 5677.0, 5482.0, 5689.0, 5558.0, 5320.0, 5523.0, 5673.0 (number of hits: 3)
14	5270	9	1	333	1	5344.0, 5323.0, 5266.0, 5391.0, 5538.0, 5377.0, 5284.0, 5533.0, 5523.0, 5596.0, 5445.0, 5589.0, 5403.0, 5585.0, 5649.0, 5498.0, 5453.0, 5292.0, 5280.0, 5458.0, 5539.0, 5254.0, 5383.0, 5634.0, 5278.0, 5376.0, 5490.0, 5559.0, 5628.0, 5713.0, 5469.0, 5454.0, 5352.0, 5667.0, 5396.0, 5414.0, 5579.0, 5657.0, 5354.0, 5392.0, 5646.0, 5425.0, 5712.0, 5572.0, 5295.0, 5500.0, 5387.0, 5336.0, 5619.0, 5644.0, 5289.0, 5656.0, 5618.0, 5394.0, 5597.0, 5614.0, 5413.0, 5608.0, 5317.0, 5684.0, 5291.0, 5554.0, 5631.0, 5566.0, 5356.0, 5635.0, 5285.0, 5624.0, 5298.0, 5700.0, 5718.0, 5259.0, 5508.0, 5357.0, 5535.0, 5258.0, 5705.0, 5251.0, 5415.0, 5633.0, 5506.0, 5450.0, 5416.0, 5565.0, 5679.0, 5611.0, 5341.0, 5260.0, 5268.0, 5491.0, 5300.0, 5636.0, 5510.0, 5431.0, 5482.0, 5552.0, 5690.0, 5513.0, 5691.0, 5270.0 (number of hits: 13)
15	5270	9	1	333	1	5366.0, 5531.0, 5467.0, 5405.0, 5515.0,

						5530.0, 5697.0, 5501.0, 5308.0, 5686.0, 5693.0, 5609.0, 5358.0, 5622.0, 5662.0, 5282.0, 5419.0, 5411.0, 5362.0, 5396.0, 5596.0, 5573.0, 5256.0, 5682.0, 5638.0, 5548.0, 5507.0, 5685.0, 5440.0, 5468.0, 5253.0, 5722.0, 5714.0, 5490.0, 5658.0, 5424.0, 5598.0, 5331.0, 5637.0, 5585.0, 5563.0, 5442.0, 5537.0, 5252.0, 5481.0, 5608.0, 5433.0, 5642.0, 5547.0, 5599.0, 5666.0, 5706.0, 5257.0, 5522.0, 5586.0, 5674.0, 5404.0, 5451.0, 5629.0, 5335.0, 5612.0, 5516.0, 5581.0, 5445.0, 5577.0, 5545.0, 5352.0, 5276.0, 5427.0, 5496.0, 5673.0, 5668.0, 5675.0, 5528.0, 5441.0, 5713.0, 5266.0, 5583.0, 5327.0, 5334.0, 5623.0, 5653.0, 5517.0, 5576.0, 5660.0, 5509.0, 5518.0, 5449.0, 5347.0, 5476.0, 5318.0, 5494.0, 5326.0, 5551.0, 5273.0, 5384.0, 5705.0, 5466.0, 5670.0, 5437.0 (number of hits: 8)
16	5270	9	1	333	1	5599.0, 5677.0, 5588.0, 5557.0, 5292.0, 5663.0, 5505.0, 5609.0, 5698.0, 5380.0, 5451.0, 5352.0, 5627.0, 5328.0, 5504.0, 5399.0, 5454.0, 5613.0, 5631.0, 5511.0, 5635.0, 5569.0, 5447.0, 5696.0, 5658.0, 5477.0, 5484.0, 5291.0, 5411.0, 5598.0, 5418.0, 5579.0, 5597.0, 5472.0, 5719.0, 5643.0, 5405.0, 5582.0, 5435.0, 5434.0, 5552.0, 5701.0, 5279.0, 5617.0, 5287.0, 5440.0, 5438.0, 5422.0, 5687.0, 5699.0, 5432.0, 5509.0, 5706.0, 5495.0, 5550.0, 5683.0, 5685.0, 5700.0, 5460.0, 5359.0, 5554.0, 5531.0, 5257.0, 5338.0, 5606.0, 5638.0, 5634.0, 5309.0, 5264.0, 5571.0, 5376.0, 5573.0, 5541.0, 5318.0, 5510.0, 5437.0, 5476.0, 5462.0, 5578.0, 5408.0, 5577.0, 5536.0, 5608.0, 5332.0, 5429.0, 5639.0, 5704.0, 5431.0, 5620.0, 5296.0, 5715.0, 5553.0, 5416.0, 5259.0, 5269.0, 5270.0, 5586.0, 5487.0, 5551.0, 5601.0 (number of hits: 7)
17	5270	9	1	333	1	5327.0, 5554.0, 5294.0, 5598.0, 5481.0, 5581.0, 5286.0, 5337.0, 5265.0, 5433.0, 5336.0, 5356.0, 5568.0, 5582.0, 5522.0, 5431.0, 5324.0, 5400.0, 5442.0, 5382.0, 5557.0, 5253.0, 5560.0, 5417.0, 5448.0, 5671.0, 5261.0, 5708.0, 5647.0, 5643.0, 5422.0, 5592.0, 5351.0, 5563.0, 5412.0, 5583.0, 5637.0, 5415.0, 5646.0, 5610.0, 5338.0, 5316.0, 5357.0, 5483.0, 5676.0, 5566.0, 5383.0, 5458.0, 5701.0, 5703.0, 5434.0, 5493.0, 5470.0, 5391.0, 5276.0, 5345.0, 5407.0, 5462.0, 5370.0, 5625.0, 5451.0, 5310.0, 5279.0, 5378.0, 5624.0, 5292.0, 5685.0, 5638.0, 5655.0, 5589.0, 5341.0, 5675.0, 5259.0, 5334.0, 5406.0, 5562.0, 5502.0, 5355.0, 5544.0, 5596.0, 5287.0, 5329.0, 5384.0, 5720.0, 5441.0, 5519.0, 5706.0, 5474.0, 5423.0, 5416.0, 5332.0, 5672.0, 5632.0, 5461.0, 5411.0,

						5456.0, 5472.0, 5389.0, 5601.0, 5700.0 (number of hits: 8)
18	5270	9	1	333	1	5427.0, 5308.0, 5332.0, 5555.0, 5338.0, 5315.0, 5363.0, 5673.0, 5632.0, 5664.0, 5373.0, 5560.0, 5623.0, 5371.0, 5467.0, 5454.0, 5470.0, 5446.0, 5372.0, 5436.0, 5677.0, 5407.0, 5378.0, 5423.0, 5634.0, 5270.0, 5358.0, 5471.0, 5286.0, 5582.0, 5277.0, 5594.0, 5584.0, 5533.0, 5441.0, 5554.0, 5716.0, 5291.0, 5532.0, 5701.0, 5570.0, 5702.0, 5654.0, 5432.0, 5514.0, 5261.0, 5679.0, 5352.0, 5622.0, 5319.0, 5272.0, 5516.0, 5362.0, 5255.0, 5495.0, 5662.0, 5278.0, 5384.0, 5253.0, 5453.0, 5452.0, 5420.0, 5558.0, 5646.0, 5397.0, 5329.0, 5601.0, 5484.0, 5650.0, 5711.0, 5297.0, 5666.0, 5721.0, 5328.0, 5525.0, 5426.0, 5430.0, 5337.0, 5703.0, 5583.0, 5409.0, 5528.0, 5303.0, 5564.0, 5572.0, 5413.0, 5690.0, 5321.0, 5669.0, 5507.0, 5450.0, 5394.0, 5469.0, 5629.0, 5438.0, 5577.0, 5638.0, 5680.0, 5600.0, 5422.0 (number of hits: 8)
19	5270	9	1	333	1	5568.0, 5331.0, 5634.0, 5478.0, 5512.0, 5278.0, 5632.0, 5442.0, 5283.0, 5556.0, 5578.0, 5565.0, 5325.0, 5414.0, 5386.0, 5321.0, 5404.0, 5471.0, 5255.0, 5557.0, 5692.0, 5655.0, 5693.0, 5654.0, 5410.0, 5546.0, 5296.0, 5656.0, 5392.0, 5433.0, 5497.0, 5269.0, 5354.0, 5385.0, 5334.0, 5257.0, 5382.0, 5594.0, 5266.0, 5700.0, 5316.0, 5558.0, 5584.0, 5603.0, 5611.0, 5661.0, 5713.0, 5709.0, 5659.0, 5665.0, 5685.0, 5529.0, 5577.0, 5509.0, 5427.0, 5643.0, 5522.0, 5262.0, 5613.0, 5574.0, 5604.0, 5413.0, 5458.0, 5712.0, 5482.0, 5650.0, 5696.0, 5407.0, 5369.0, 5586.0, 5647.0, 5381.0, 5434.0, 5511.0, 5670.0, 5596.0, 5483.0, 5714.0, 5667.0, 5673.0, 5282.0, 5630.0, 5272.0, 5545.0, 5676.0, 5309.0, 5635.0, 5493.0, 5371.0, 5353.0, 5292.0, 5598.0, 5510.0, 5314.0, 5417.0, 5459.0, 5383.0, 5708.0, 5307.0, 5572.0 (number of hits: 9)
20	5270	9	1	333	1	5693.0, 5587.0, 5612.0, 5528.0, 5275.0, 5634.0, 5331.0, 5495.0, 5353.0, 5444.0, 5705.0, 5505.0, 5523.0, 5319.0, 5496.0, 5509.0, 5659.0, 5261.0, 5301.0, 5596.0, 5618.0, 5637.0, 5607.0, 5682.0, 5366.0, 5499.0, 5359.0, 5453.0, 5325.0, 5289.0, 5432.0, 5465.0, 5365.0, 5620.0, 5369.0, 5585.0, 5274.0, 5484.0, 5661.0, 5492.0, 5603.0, 5454.0, 5314.0, 5506.0, 5507.0, 5601.0, 5563.0, 5494.0, 5512.0, 5258.0, 5707.0, 5551.0, 5615.0, 5304.0, 5674.0, 5616.0, 5290.0, 5684.0, 5677.0, 5257.0, 5439.0, 5583.0, 5462.0, 5497.0, 5545.0, 5502.0, 5662.0, 5548.0, 5642.0, 5606.0, 5449.0, 5518.0, 5428.0, 5703.0, 5329.0, 5393.0, 5382.0, 5437.0, 5485.0, 5408.0,

						5298.0, 5696.0, 5279.0, 5270.0, 5670.0, 5586.0, 5589.0, 5610.0, 5284.0, 5458.0, 5267.0, 5706.0, 5265.0, 5386.0, 5527.0, 5322.0, 5715.0, 5613.0, 5303.0, 5420.0 (number of hits: 11)
21	5270	9	1	333	1	5347.0, 5574.0, 5322.0, 5416.0, 5710.0, 5613.0, 5645.0, 5353.0, 5488.0, 5298.0, 5655.0, 5265.0, 5521.0, 5543.0, 5338.0, 5354.0, 5397.0, 5383.0, 5371.0, 5701.0, 5579.0, 5607.0, 5628.0, 5497.0, 5395.0, 5453.0, 5352.0, 5626.0, 5551.0, 5377.0, 5325.0, 5418.0, 5289.0, 5518.0, 5690.0, 5273.0, 5569.0, 5663.0, 5612.0, 5609.0, 5630.0, 5266.0, 5485.0, 5560.0, 5713.0, 5253.0, 5715.0, 5345.0, 5654.0, 5545.0, 5288.0, 5631.0, 5457.0, 5432.0, 5588.0, 5503.0, 5424.0, 5360.0, 5252.0, 5287.0, 5567.0, 5264.0, 5589.0, 5505.0, 5319.0, 5555.0, 5723.0, 5531.0, 5391.0, 5363.0, 5299.0, 5464.0, 5688.0, 5382.0, 5385.0, 5455.0, 5519.0, 5280.0, 5683.0, 5718.0, 5590.0, 5362.0, 5667.0, 5529.0, 5520.0, 5317.0, 5361.0, 5314.0, 5566.0, 5537.0, 5633.0, 5504.0, 5408.0, 5387.0, 5500.0, 5370.0, 5452.0, 5304.0, 5339.0, 5508.0 (number of hits: 10)
22	5270	9	1	333	1	5593.0, 5467.0, 5295.0, 5367.0, 5655.0, 5564.0, 5450.0, 5442.0, 5263.0, 5316.0, 5392.0, 5585.0, 5258.0, 5619.0, 5711.0, 5457.0, 5644.0, 5511.0, 5443.0, 5424.0, 5307.0, 5325.0, 5623.0, 5632.0, 5697.0, 5273.0, 5584.0, 5684.0, 5296.0, 5562.0, 5492.0, 5465.0, 5521.0, 5252.0, 5538.0, 5501.0, 5344.0, 5659.0, 5292.0, 5291.0, 5323.0, 5282.0, 5433.0, 5502.0, 5566.0, 5256.0, 5476.0, 5461.0, 5449.0, 5570.0, 5589.0, 5522.0, 5520.0, 5718.0, 5362.0, 5547.0, 5484.0, 5555.0, 5601.0, 5471.0, 5380.0, 5535.0, 5420.0, 5404.0, 5499.0, 5452.0, 5508.0, 5391.0, 5378.0, 5353.0, 5287.0, 5365.0, 5616.0, 5368.0, 5444.0, 5313.0, 5595.0, 5363.0, 5687.0, 5524.0, 5694.0, 5640.0, 5479.0, 5498.0, 5620.0, 5503.0, 5582.0, 5608.0, 5645.0, 5322.0, 5390.0, 5407.0, 5387.0, 5286.0, 5626.0, 5262.0, 5343.0, 5272.0, 5714.0, 5513.0 (number of hits: 10)
23	5270	9	1	333	1	5696.0, 5425.0, 5428.0, 5388.0, 5467.0, 5286.0, 5381.0, 5464.0, 5661.0, 5413.0, 5416.0, 5518.0, 5273.0, 5517.0, 5473.0, 5392.0, 5290.0, 5539.0, 5267.0, 5628.0, 5432.0, 5580.0, 5454.0, 5621.0, 5385.0, 5487.0, 5568.0, 5536.0, 5569.0, 5297.0, 5422.0, 5437.0, 5567.0, 5303.0, 5676.0, 5418.0, 5688.0, 5288.0, 5327.0, 5477.0, 5615.0, 5546.0, 5452.0, 5508.0, 5578.0, 5579.0, 5697.0, 5572.0, 5681.0, 5438.0, 5469.0, 5318.0, 5372.0, 5607.0, 5571.0, 5287.0, 5339.0, 5435.0, 5687.0, 5294.0, 5685.0, 5671.0, 5404.0, 5420.0, 5590.0,

						5369.0, 5646.0, 5714.0, 5341.0, 5639.0, 5564.0, 5453.0, 5293.0, 5576.0, 5479.0, 5364.0, 5560.0, 5480.0, 5673.0, 5340.0, 5651.0, 5602.0, 5581.0, 5675.0, 5573.0, 5534.0, 5712.0, 5283.0, 5611.0, 5291.0, 5390.0, 5708.0, 5616.0, 5475.0, 5405.0, 5622.0, 5322.0, 5588.0, 5655.0, 5499.0 (number of hits: 6)
24	5270	9	1	333	1	5629.0, 5268.0, 5410.0, 5579.0, 5597.0, 5550.0, 5487.0, 5449.0, 5330.0, 5483.0, 5596.0, 5294.0, 5571.0, 5492.0, 5296.0, 5669.0, 5670.0, 5645.0, 5690.0, 5448.0, 5354.0, 5523.0, 5692.0, 5624.0, 5301.0, 5414.0, 5682.0, 5368.0, 5677.0, 5252.0, 5409.0, 5556.0, 5654.0, 5711.0, 5529.0, 5533.0, 5558.0, 5373.0, 5656.0, 5722.0, 5467.0, 5593.0, 5527.0, 5686.0, 5691.0, 5473.0, 5359.0, 5314.0, 5256.0, 5398.0, 5583.0, 5703.0, 5539.0, 5594.0, 5663.0, 5491.0, 5688.0, 5362.0, 5521.0, 5683.0, 5269.0, 5554.0, 5665.0, 5695.0, 5454.0, 5578.0, 5689.0, 5459.0, 5394.0, 5283.0, 5498.0, 5348.0, 5616.0, 5380.0, 5618.0, 5512.0, 5418.0, 5369.0, 5306.0, 5598.0, 5451.0, 5622.0, 5602.0, 5625.0, 5613.0, 5666.0, 5424.0, 5575.0, 5430.0, 5340.0, 5580.0, 5375.0, 5605.0, 5453.0, 5496.0, 5366.0, 5538.0, 5292.0, 5356.0, 5589.0 (number of hits: 5)
25	5270	9	1	333	1	5681.0, 5554.0, 5362.0, 5463.0, 5438.0, 5423.0, 5441.0, 5401.0, 5456.0, 5607.0, 5433.0, 5610.0, 5717.0, 5402.0, 5450.0, 5646.0, 5283.0, 5451.0, 5386.0, 5330.0, 5625.0, 5460.0, 5640.0, 5350.0, 5257.0, 5641.0, 5556.0, 5388.0, 5274.0, 5404.0, 5356.0, 5385.0, 5432.0, 5431.0, 5471.0, 5575.0, 5333.0, 5656.0, 5340.0, 5509.0, 5508.0, 5448.0, 5500.0, 5594.0, 5686.0, 5376.0, 5287.0, 5650.0, 5658.0, 5413.0, 5620.0, 5389.0, 5702.0, 5282.0, 5663.0, 5668.0, 5528.0, 5446.0, 5444.0, 5380.0, 5716.0, 5288.0, 5494.0, 5412.0, 5684.0, 5321.0, 5286.0, 5398.0, 5371.0, 5619.0, 5674.0, 5626.0, 5322.0, 5365.0, 5308.0, 5676.0, 5490.0, 5379.0, 5549.0, 5250.0, 5255.0, 5429.0, 5523.0, 5521.0, 5553.0, 5544.0, 5278.0, 5628.0, 5670.0, 5635.0, 5546.0, 5462.0, 5303.0, 5367.0, 5526.0, 5675.0, 5347.0, 5587.0, 5629.0, 5335.0 (number of hits: 10)
26	5270	9	1	333	1	5387.0, 5484.0, 5546.0, 5472.0, 5404.0, 5314.0, 5367.0, 5494.0, 5283.0, 5570.0, 5679.0, 5645.0, 5416.0, 5265.0, 5337.0, 5373.0, 5515.0, 5252.0, 5332.0, 5294.0, 5379.0, 5290.0, 5581.0, 5361.0, 5475.0, 5717.0, 5620.0, 5716.0, 5257.0, 5425.0, 5634.0, 5639.0, 5443.0, 5447.0, 5542.0, 5594.0, 5714.0, 5643.0, 5482.0, 5310.0, 5262.0, 5592.0, 5390.0, 5609.0, 5446.0, 5316.0, 5705.0, 5275.0, 5413.0, 5251.0,

						5288.0, 5286.0, 5607.0, 5664.0, 5567.0, 5508.0, 5434.0, 5342.0, 5678.0, 5375.0, 5579.0, 5512.0, 5499.0, 5271.0, 5502.0, 5309.0, 5573.0, 5393.0, 5595.0, 5537.0, 5712.0, 5334.0, 5366.0, 5481.0, 5682.0, 5268.0, 5384.0, 5660.0, 5321.0, 5383.0, 5663.0, 5380.0, 5623.0, 5459.0, 5299.0, 5339.0, 5528.0, 5477.0, 5713.0, 5493.0, 5611.0, 5365.0, 5374.0, 5351.0, 5346.0, 5381.0, 5621.0, 5325.0, 5564.0, 5723.0 (number of hits: 11)
27	5270	9	1	333	1	5676.0, 5494.0, 5666.0, 5306.0, 5654.0, 5420.0, 5262.0, 5723.0, 5647.0, 5436.0, 5313.0, 5488.0, 5459.0, 5267.0, 5338.0, 5547.0, 5574.0, 5567.0, 5253.0, 5352.0, 5528.0, 5470.0, 5705.0, 5695.0, 5287.0, 5365.0, 5360.0, 5275.0, 5370.0, 5615.0, 5363.0, 5408.0, 5579.0, 5274.0, 5690.0, 5664.0, 5622.0, 5346.0, 5372.0, 5394.0, 5266.0, 5688.0, 5672.0, 5265.0, 5399.0, 5393.0, 5402.0, 5406.0, 5630.0, 5452.0, 5299.0, 5300.0, 5609.0, 5301.0, 5449.0, 5621.0, 5422.0, 5457.0, 5283.0, 5453.0, 5601.0, 5634.0, 5616.0, 5362.0, 5698.0, 5419.0, 5303.0, 5296.0, 5718.0, 5339.0, 5689.0, 5536.0, 5254.0, 5308.0, 5713.0, 5415.0, 5261.0, 5349.0, 5258.0, 5554.0, 5669.0, 5369.0, 5699.0, 5324.0, 5534.0, 5468.0, 5586.0, 5341.0, 5598.0, 5575.0, 5367.0, 5673.0, 5410.0, 5405.0, 5525.0, 5646.0, 5515.0, 5610.0, 5293.0, 5548.0 (number of hits: 12)
28	5270	9	1	333	1	5443.0, 5358.0, 5409.0, 5518.0, 5692.0, 5599.0, 5284.0, 5636.0, 5348.0, 5303.0, 5718.0, 5666.0, 5566.0, 5512.0, 5539.0, 5382.0, 5714.0, 5473.0, 5689.0, 5334.0, 5588.0, 5522.0, 5444.0, 5619.0, 5682.0, 5642.0, 5655.0, 5703.0, 5628.0, 5449.0, 5260.0, 5675.0, 5650.0, 5447.0, 5559.0, 5432.0, 5325.0, 5562.0, 5275.0, 5379.0, 5349.0, 5543.0, 5467.0, 5665.0, 5378.0, 5556.0, 5572.0, 5654.0, 5416.0, 5647.0, 5505.0, 5298.0, 5487.0, 5387.0, 5346.0, 5496.0, 5296.0, 5649.0, 5305.0, 5501.0, 5631.0, 5688.0, 5439.0, 5316.0, 5399.0, 5450.0, 5670.0, 5609.0, 5415.0, 5485.0, 5313.0, 5578.0, 5337.0, 5280.0, 5661.0, 5254.0, 5560.0, 5567.0, 5711.0, 5373.0, 5702.0, 5388.0, 5345.0, 5676.0, 5680.0, 5621.0, 5691.0, 5489.0, 5573.0, 5259.0, 5710.0, 5613.0, 5577.0, 5671.0, 5353.0, 5322.0, 5580.0, 5458.0, 5393.0, 5405.0 (number of hits: 6)
29	5270	9	1	333	1	5605.0, 5627.0, 5520.0, 5453.0, 5636.0, 5279.0, 5568.0, 5289.0, 5580.0, 5301.0, 5650.0, 5599.0, 5718.0, 5302.0, 5621.0, 5433.0, 5361.0, 5435.0, 5354.0, 5450.0, 5600.0, 5370.0, 5312.0, 5509.0, 5265.0, 5704.0, 5526.0, 5284.0, 5486.0, 5345.0, 5571.0, 5271.0, 5510.0, 5276.0, 5465.0,

						5688.0, 5613.0, 5278.0, 5522.0, 5495.0, 5482.0, 5316.0, 5591.0, 5462.0, 5409.0, 5483.0, 5567.0, 5577.0, 5507.0, 5298.0, 5320.0, 5348.0, 5469.0, 5706.0, 5566.0, 5421.0, 5724.0, 5258.0, 5637.0, 5639.0, 5477.0, 5255.0, 5403.0, 5651.0, 5628.0, 5524.0, 5338.0, 5607.0, 5422.0, 5350.0, 5631.0, 5699.0, 5506.0, 5262.0, 5353.0, 5313.0, 5521.0, 5491.0, 5604.0, 5719.0, 5315.0, 5261.0, 5444.0, 5594.0, 5263.0, 5398.0, 5368.0, 5297.0, 5420.0, 5341.0, 5614.0, 5535.0, 5654.0, 5355.0, 5332.0, 5456.0, 5693.0, 5689.0, 5558.0, 5396.0 (number of hits: 12)
30	5270	9	1	333	1	5549.0, 5262.0, 5669.0, 5397.0, 5525.0, 5309.0, 5260.0, 5308.0, 5682.0, 5667.0, 5704.0, 5337.0, 5546.0, 5439.0, 5321.0, 5440.0, 5621.0, 5360.0, 5441.0, 5652.0, 5385.0, 5638.0, 5379.0, 5470.0, 5594.0, 5339.0, 5543.0, 5685.0, 5531.0, 5711.0, 5400.0, 5595.0, 5357.0, 5717.0, 5420.0, 5671.0, 5678.0, 5493.0, 5497.0, 5673.0, 5448.0, 5458.0, 5633.0, 5307.0, 5684.0, 5618.0, 5447.0, 5647.0, 5477.0, 5361.0, 5660.0, 5662.0, 5644.0, 5292.0, 5259.0, 5575.0, 5600.0, 5430.0, 5280.0, 5599.0, 5579.0, 5683.0, 5404.0, 5702.0, 5435.0, 5630.0, 5410.0, 5310.0, 5253.0, 5508.0, 5580.0, 5442.0, 5639.0, 5689.0, 5383.0, 5507.0, 5290.0, 5602.0, 5297.0, 5463.0, 5409.0, 5369.0, 5561.0, 5363.0, 5723.0, 5422.0, 5511.0, 5457.0, 5476.0, 5559.0, 5605.0, 5449.0, 5437.0, 5632.0, 5509.0, 5612.0, 5330.0, 5698.0, 5515.0, 5628.0 (number of hits: 5)

5290 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	63.3 %	60%	Pass
Type 3	30	73.3 %	60%	Pass
Type 4	30	96.7 %	60%	Pass
Aggregate (Type1 to 4)	120	83.3 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5290 MHz, 80 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	58	1	918	1
2	5252	70	1	758	1
3	5252	61	1	878	1
4	5252	83	1	638	1
5	5252	68	1	778	1
6	5290	62	1	858	1
7	5290	78	1	678	1
8	5290	57	1	938	1
9	5290	95	1	558	1
10	5290	92	1	578	1
11	5328	18	1	3066	1
12	5328	67	1	798	1
13	5328	63	1	838	1
14	5328	72	1	738	1
15	5328	89	1	598	1
16	5252	20	1	2648	1
17	5252	23	1	2323	1
18	5252	74	1	717	1
19	5252	47	1	1141	1
20	5252	19	1	2891	1
21	5290	27	1	2023	1
22	5290	76	1	695	1
23	5290	97	1	546	1
24	5290	19	1	2915	1
25	5290	25	1	2137	1
26	5328	54	1	989	1
27	5328	18	1	3037	1
28	5328	20	1	2736	1
29	5328	26	1	2079	1
30	5328	25	1	2117	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	25	4.5	228	1
2	5252	27	1.4	175	0
3	5252	25	2.4	188	1
4	5252	24	3.5	205	0
5	5252	29	1.3	168	1
6	5252	27	5	225	0
7	5252	24	4.6	163	0
8	5252	24	1.3	193	1
9	5252	27	1.2	155	1
10	5252	23	4.5	162	1
11	5290	27	1.9	206	1
12	5290	25	1.3	216	1
13	5290	25	1.5	203	1
14	5290	25	1.2	210	1
15	5290	29	1	214	1
16	5290	24	1.9	164	0
17	5290	27	5	190	1
18	5290	29	1.7	168	0
19	5290	24	1.2	155	0
20	5290	23	2.2	211	0
21	5328	24	1.4	193	1
22	5328	23	4.7	153	1
23	5328	28	4.9	219	1
24	5328	29	2.3	181	0
25	5328	26	1.5	219	0
26	5328	28	2.1	201	0
27	5328	29	1.1	179	1
28	5328	23	2.9	182	1
29	5328	29	3.4	180	1
30	5328	25	3.4	227	1
Detection Percentage: 63.3 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	16	9.8	365	1
2	5252	18	8.4	443	1
3	5252	17	8.7	200	1
4	5252	16	6.3	214	1
5	5252	16	8.2	271	1
6	5252	17	7.7	360	0
7	5252	18	6.3	381	0
8	5252	16	8.6	310	0
9	5252	17	6.5	243	1
10	5252	18	6.4	443	1
11	5290	18	10	231	1
12	5290	18	9.2	271	0
13	5290	17	8.1	215	1
14	5290	18	9.7	484	1
15	5290	17	8.5	207	1
16	5290	18	6.1	227	1
17	5290	16	6.6	464	1
18	5290	18	8.6	453	1
19	5290	16	9.2	442	1
20	5290	16	8.3	317	1
21	5328	17	8.4	379	1
22	5328	18	10	335	0
23	5328	16	9.5	433	0
24	5328	18	6.3	338	1
25	5328	18	7.9	486	1
26	5328	17	7.1	461	0
27	5328	16	6.5	269	1
28	5328	16	8.2	229	1
29	5328	18	9.4	464	1
30	5328	16	7.4	210	0
Detection Percentage: 73.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	12	11.5	288	1
2	5252	15	13.3	345	1
3	5252	14	12.9	434	1
4	5252	16	13.3	379	1
5	5252	16	14.5	226	1
6	5252	15	11	382	1
7	5252	14	11.3	475	1
8	5252	12	11.6	206	1
9	5252	14	11	244	1
10	5252	12	13.9	209	1
11	5290	16	15.9	380	1
12	5290	15	16.2	402	1
13	5290	16	11.7	313	1
14	5290	13	11.4	216	1
15	5290	15	15.8	313	1
16	5290	16	14.7	410	1
17	5290	16	12.9	212	1
18	5290	12	16.9	302	1
19	5290	14	11.4	427	1
20	5290	12	12.8	430	1
21	5328	14	13.5	203	1
22	5328	13	19.9	211	1
23	5328	14	14.8	381	1
24	5328	16	12.6	441	1
25	5328	16	11.3	458	1
26	5328	16	17.5	209	1
27	5328	15	18.4	409	0
28	5328	16	17.1	415	1
29	5328	12	13	451	1
30	5328	16	11.1	264	1
Detection Percentage: 96.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5260	1
11	5260.2	1
12	5257.9	1
13	5257.4	1
14	5259.1	1
15	5257.1	1
16	5260.2	1
17	5259.4	1
18	5259.9	1
19	5256.6	1
20	5256.2	1
21	5320.4	1
22	5324	1
23	5320.8	1
24	5320.4	1
25	5324.8	1
26	5322.8	1
27	5320	1
28	5323.6	1
29	5321.6	1
30	5320.4	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	73.5	1474	1657	0	1
1	2	9	69.6	1576		1	
2	1	9	84.1			2	
3	2	9	74.8	1288		3	
4	2	9	51.3	1626		4	
5	2	9	74.6	1769		5	
6	2	9	88.9	1528		6	
7	1	9	99.3			7	
8	3	9	55.2	1030	1968	8	
9	2	9	80.2	1424		9	
10	1	9	66.7			10	
11	2	9	90	1089		11	
12	1	9	81			12	
13	2	9	71.8	1049		13	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	85.9	1761		0.572677	1
1	2	10	97.6	1643		0.866355	
2	1	10	56.9			1.796552	
3	2	10	76.3	1268		2.363261	
4	2	10	76.7	1256		3.217082	
5	3	10	97.7	1373	1206	3.737885	
6	2	10	93.7	1110		4.189937	
7	1	10	96.5			4.73115	
8	1	10	81.9			5.39269	
9	1	10	83.7			6.368226	
10	2	10	60.8	1962		7.296803	
11	3	10	68.7	1743	1846	7.790404	
12	3	10	86.6	1912	1865	8.16409	
13	3	10	61.9	1262	1426	9.257434	
14	2	10	71.5	1193		9.747836	
15	3	10	65.2	1927	1345	10.61815	
16	2	10	55.3	1308		11.300261	
17	3	10	91.6	1141	1885	11.393217	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	64.8	1716		0.21882	1
1	2	7	67	1417		0.773792	
2	1	7	99.2			1.670464	
3	2	7	89.8	1776		2.252069	
4	2	7	94.4	1991		3.739085	
5	3	7	90.2	1976	1695	3.811285	
6	1	7	98.4			4.605232	
7	2	7	68.3	1658		5.846801	
8	2	7	86.1	1094		6.245291	
9	1	7	86.7			7.043695	
10	1	7	51.6			7.895047	
11	3	7	62.5	1009	1293	8.54452	
12	3	7	87.9	1547	1515	9.594861	
13	1	7	95.4			10.491507	
14	3	7	71.7	1358	1096	11.004259	
15	2	7	90.4	1249		11.814345	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	54.7			0.336869	1
1	2	9	63	1088		1.372121	
2	2	9	52.2	1555		1.920721	
3	2	9	75.6	1558		2.753239	
4	1	9	73			3.5401	
5	3	9	81.7	1567	1260	3.888405	
6	3	9	53.5	1105	1653	4.793938	
7	1	9	98.8			5.338834	
8	2	9	87.6	1353		6.280384	
9	3	9	89.1	1725	1363	7.255557	
10	1	9	58.5			7.606668	
11	2	9	78.2	1031		8.310672	
12	1	9	84.2			9.454806	
13	2	9	70.4	1658		10.191007	
14	3	9	75.2	1180	1428	10.762978	
15	2	9	87.7	1387		11.982244	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	84.4	1797		0.204021	1
1	1	5	92.9			1.675273	
2	3	5	56.2	1431	1201	2.42261	
3	2	5	52.6	1789		2.945606	
4	3	5	97.6	1866	1524	3.939232	
5	2	5	55	1189		4.778527	
6	1	5	63.9			5.612829	
7	2	5	74.1	1801		6.8961	
8	3	5	63.4	1983	1058	7.87135	
9	2	5	58.5	1485		8.483077	
10	2	5	87	1848		9.384072	
11	2	5	78.6	1846		10.968344	
12	2	5	98.8	1705		11.900142	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	83.9	1763		0.447171	1
1	3	7	71.8	1787	1467	1.286928	
2	2	7	75.7	1729		2.087346	
3	1	7	84			2.760883	
4	2	7	90.9	1145		3.658319	
5	2	7	59.8	1471		4.302659	
6	3	7	63.3	1803	1708	5.200204	
7	3	7	90.7	1083	1907	5.862513	
8	2	7	75.2	1522		6.307239	
9	2	7	95.9	1924		6.956142	
10	2	7	73.4	1969		7.690791	
11	3	7	95.1	1693	1835	8.332619	
12	2	7	77.8	1007		9.235383	
13	2	7	93.5	1172		9.903449	
14	2	7	56.3	1072		10.722175	
15	1	7	61.4			11.766718	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	92.4	1055		1.146178	1
1	1	8	63			1.93702	
2	1	8	98.7			2.5569	
3	3	8	72	1445	1743	4.194087	
4	2	8	97.3	1612		5.508266	
5	3	8	87	1911	1229	6.058899	
6	3	8	93.8	1411	1687	8.115772	
7	1	8	97.3			9.289114	
8	1	8	51.2			10.571276	
9	2	8	69.7	1270		11.918097	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	97.5	1677	1834	0.758804	
1	2	12	90.7	1740		1.059911	
2	1	12	67.2			2.22015	
3	1	12	81.2			3.679224	
4	2	12	52.4	1210		3.708577	
5	1	12	63.2			5.534053	
6	2	12	51	1868		5.633742	1
7	2	12	72.7	1857		6.763047	
8	2	12	77.8	1524		7.922964	
9	2	12	63.7	1727		8.525858	
10	1	12	58.6			9.650585	
11	1	12	88.6			10.287446	
12	2	12	62.2	1934		11.906925	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	93.7			0.181406	
1	1	13	85.5			1.353506	
2	2	13	89.1	1065		2.125749	
3	3	13	75.8	1178	1192	2.407037	
4	2	13	79.6	1319		3.258033	
5	1	13	97.4			3.856079	
6	2	13	92.6	1132		4.518459	
7	2	13	71.3	1727		5.773544	
8	2	13	80.7	1605		6.265577	1
9	1	13	87.6			6.901815	
10	2	13	96.8	1552		7.959223	
11	2	13	98.8	1122		8.92358	
12	3	13	65.5	1609	1281	9.302677	
13	2	13	60	1724		9.760672	
14	2	13	55.6	1218		10.71827	
15	2	13	73.7	1610		11.695598	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	53.7			0.237047	1
1	2	10	51.1	1637		1.387894	
2	3	10	55.5	1598	2000	1.865898	
3	2	10	74.6	1315		2.759594	
4	3	10	71.2	1462	1709	3.560755	
5	1	10	56.9			4.414892	
6	2	10	77.2	1614		4.950252	
7	2	10	63.8	1974		5.772179	
8	2	10	75.9	1115		6.047344	
9	1	10	78.6			7.055534	
10	1	10	53.8			7.705033	
11	1	10	67.7			8.520992	
12	2	10	61.7	1054		9.695139	
13	2	10	89.4	1819		9.797049	
14	1	10	75.4			11.185901	
15	2	10	59.5	1572		11.810524	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	91.2	1641	1186	0.436705	1
1	2	20	95.2	1185		1.283277	
2	3	20	96.4	1681	1033	2.179633	
3	2	20	77.5	1747		2.624488	
4	2	20	50.2	1913		3.801585	
5	2	20	66.9	1649		4.724742	
6	2	20	57.5	1149		5.703363	
7	1	20	76.6			6.700462	
8	2	20	69.1	1613		7.690832	
9	3	20	72.4	1486	1373	7.940202	
10	1	20	81.6			9.308836	
11	3	20	84.9	1672	1982	9.772049	
12	3	20	60.9	1956	1494	11.008446	
13	2	20	52.5	1678		11.177845	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	50.4			0.787238	1
1	3	14	64.9	1958	1140	1.19006	
2	2	14	91.6	1770		2.321773	
3	2	14	63.7	1430		2.89265	
4	3	14	93.7	1365	1924	4.114276	
5	3	14	69.5	1884	1917	4.345193	
6	2	14	95.8	1149		5.327845	
7	2	14	67.5	1820		6.207027	
8	2	14	61.3	1540		7.198694	
9	2	14	90.2	1783		8.058226	
10	3	14	71.5	1562	1525	8.61449	
11	2	14	68	1127		9.926061	
12	2	14	59.8	1099		10.484608	
13	1	14	72.6			11.782591	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	86.3	1352		0.303984	
1	3	13	83.4	1157	1598	1.313963	
2	2	13	84.6	1945		1.730839	
3	2	13	98.6	1050		2.958384	
4	1	13	80.3			3.403998	
5	3	13	50.9	1677	1575	4.165704	
6	2	13	95.4	1270		4.824651	
7	1	13	56.8			5.602754	1
8	1	13	66			6.422537	
9	3	13	98.8	1696	1260	7.958154	
10	2	13	93.1	1878		8.248351	
11	1	13	94.7			8.91497	
12	1	13	62.1			9.971294	
13	3	13	64.7	1740	1445	10.665354	
14	1	13	89.5			11.995449	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	55.6	1168		0.471206	
1	3	17	51.8	1587	1479	0.885663	
2	2	17	66.6	1931		1.566394	
3	1	17	55.8			2.948839	
4	2	17	66.8	1999		3.19549	
5	2	17	87.6	1707		3.824084	
6	3	17	87.7	1353	1937	4.596084	
7	1	17	68.3			5.812049	
8	3	17	93.5	1544	1756	6.633145	1
9	3	17	70.1	1203	1908	7.149751	
10	2	17	88.7	1423		7.614696	
11	3	17	52.7	1297	1961	8.276625	
12	3	17	99.1	1216	1063	9.101192	
13	2	17	89.8	1409		9.834205	
14	2	17	52.8	1161		10.715784	
15	2	17	61.4	1184		11.769525	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	54.3	1988		0.355576	
1	2	12	90.1	1732		1.060767	
2	2	12	61.2	1055		1.302148	
3	2	12	56.2	1995		2.046518	
4	1	12	63.2			2.647798	
5	1	12	79.3			3.660834	
6	2	12	94.4	1978		3.909417	
7	1	12	76.1			4.965895	
8	1	12	94.7			5.543141	
9	3	12	51	1241	1050	5.917536	1
10	2	12	61	1384		6.899443	
11	1	12	57			7.33581	
12	2	12	62.8	1208		8.204356	
13	1	12	50.5			8.444583	
14	1	12	92.2			8.875642	
15	2	12	74.3	1719		9.851226	
16	2	12	63.5	1510		10.111063	
17	2	12	84.4	1789		10.794102	
18	1	12	58.5			11.507806	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	97.6	1374	1527	0.72029	
1	2	20	86.2	1635		2.299421	
2	3	20	67.5	1155	1726	2.929938	
3	3	20	82.3	1881	1269	4.014908	
4	1	20	77.9			4.96417	
5	2	20	87.3	1967		7.037376	1
6	1	20	59.2			8.27728	
7	1	20	77.9			9.574254	
8	2	20	90.9	1285		9.768204	
9	2	20	71.9	1999		11.817659	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	99.1			0.925441	1
1	2	18	93.6	1138		1.759045	
2	2	18	83.6	1597		2.083311	
3	2	18	58.7	1849		3.176887	
4	3	18	68.4	1324	1146	4.017404	
5	1	18	91.1			5.709033	
6	2	18	68.1	1087		6.928785	
7	3	18	94	1446	1467	7.566755	
8	3	18	79.7	1471	1949	8.993287	
9	2	18	67.4	1755		9.750163	
10	2	18	71.1	1207		10.915126	
11	2	18	82.1	1085		11.615597	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	82.4	1711		0.003868	1
1	2	19	94.7	1417		0.659751	
2	2	19	62.6	1279		1.418074	
3	2	19	78.7	1098		2.13315	
4	2	19	70.9	1398		2.505966	
5	2	19	76.8	1752		3.229528	
6	3	19	53.1	1415	1519	3.751191	
7	1	19	94.6			4.751002	
8	2	19	87.8	1964		5.028421	
9	2	19	95	1958		5.726667	
10	2	19	58.8	1061		6.552594	
11	1	19	75.3			6.972506	
12	3	19	73.9	1800	1840	7.207778	
13	1	19	99.8			7.942455	
14	1	19	68.3			8.955874	
15	3	19	84.3	1127	1294	9.512553	
16	1	19	84.1			10.011329	
17	2	19	68.6	1352		10.283915	
18	2	19	72.7	1964		11.280346	
19	2	19	67.8	1043		11.622688	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	86.5	1950		0.164216	
1	2	11	64.2	1426		1.952133	
2	1	11	93.4			2.23664	
3	2	11	89.2	1001		4.261544	
4	2	11	77.1	1645		5.328338	
5	2	11	75.1	1955		5.951304	1
6	2	11	61.5	1877		6.686831	
7	2	11	95.4	1417		8.346352	
8	2	11	51.8	1025		9.230602	
9	3	11	76.6	1632	1138	10.470667	
10	3	11	67.8	1137	1149	11.449095	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	85.5	1531	1455	0.424496	
1	3	10	76.5	1259	1356	1.731263	
2	3	10	54.4	1737	1511	2.561073	
3	2	10	97	1614		3.678751	
4	3	10	66.2	2000	1906	4.553173	
5	2	10	76.6	1166		4.802346	
6	2	10	72.9	1735		6.103693	1
7	2	10	88.2	1266		6.933371	
8	2	10	67.8	1514		7.752141	
9	3	10	85.6	1473	1590	8.799671	
10	2	10	90.5	1176		9.678961	
11	1	10	55			10.232288	
12	2	10	84.2	1826		11.993578	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	81.9	1418	1444	0.741092	
1	3	19	50.4	1134	1797	2.438183	
2	2	19	89.7	1939		3.847571	
3	2	19	55.7	1096		4.301216	
4	1	19	99.1			6.097446	1
5	3	19	81.7	1264	1577	7.906321	
6	2	19	76.2	1356		8.018251	
7	1	19	68.4			9.858125	
8	2	19	81.3	1029		11.846717	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	90.6	1761	1458	0.451794	
1	3	10	86.8	1216	1565	1.007613	
2	2	10	62.5	1276		1.425151	
3	2	10	55.5	1141		2.379559	
4	3	10	69.3	1636	1915	2.798589	
5	2	10	61.4	1497		3.633011	
6	1	10	89.1			4.161833	
7	2	10	74.1	1518		4.627627	
8	2	10	55	1537		5.474557	
9	1	10	67.7			5.944073	1
10	1	10	77.8			6.544832	
11	2	10	83.9	1728		7.356161	
12	3	10	73.4	1609	1501	8.173535	
13	3	10	97.4	1227	1426	8.522924	
14	3	10	56.4	1252	1124	9.056257	
15	2	10	81.7	1216		9.863437	
16	2	10	71.4	1293		10.509286	
17	1	10	79			10.996453	
18	2	10	54	1477		11.482595	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	79	1358	1032	0.151279	1
1	2	18	57.3	1658		1.745353	
2	2	18	52.4	1574		2.741097	
3	1	18	57.1			4.300175	
4	2	18	97.5	1626		6.529343	
5	2	18	54	1615		7.579899	
6	2	18	81.3	1247		9.12345	
7	2	18	54.4	1771		9.66941	
8	1	18	87.8			11.838273	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	71.4			0.47995	1
1	2	19	69.4	1439		1.211215	
2	2	19	79.9	1149		2.677158	
3	2	19	84.7	1131		3.941537	
4	2	19	99.4	1335		4.136176	
5	3	19	97.9	1993	1797	5.343012	
6	2	19	61	1523		6.839069	
7	2	19	87.9	1824		7.004659	
8	2	19	75.2	1120		8.875706	
9	3	19	84.7	1889	1411	9.670503	
10	2	19	62.3	1083		10.173543	
11	3	19	95.7	1247	1548	11.338086	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	56.4	1219		0.758705	
1	2	8	84.2	1754		1.415816	
2	2	8	92.4	1919		2.206791	
3	3	8	69.9	1691	1067	2.840831	
4	3	8	86.5	1992	1921	4.469891	
5	1	8	54.7			4.932555	
6	3	8	68.1	1008	1775	6.210791	1
7	2	8	86.2	1303		6.502482	
8	3	8	60.6	1082	1705	8.000471	
9	1	8	70.4			8.917178	
10	2	8	82.1	1002		9.302494	
11	1	8	64.5			11.027117	
12	1	8	70.5			11.877211	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	92.7	1854		0.170461	
1	2	13	52.5	1410		1.482423	
2	3	13	63.5	1945	1100	1.699633	
3	2	13	55.9	1320		2.946874	
4	2	13	71.5	1042		3.531331	
5	3	13	75.9	1278	1516	4.04426	
6	1	13	98.1			4.828232	
7	2	13	68.1	1769		6.159776	1
8	2	13	93.8	1790		6.44412	
9	3	13	96	1762	1248	7.260704	
10	2	13	96.9	1526		8.276288	
11	1	13	58			8.877822	
12	1	13	53.3			10.224222	
13	2	13	58.2	1341		11.192927	
14	1	13	80.4			11.272188	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	82.8			0.123973	1
1	2	20	77.1	1571		0.885735	
2	1	20	90.3			2.015615	
3	3	20	61.8	1861	1212	2.820569	
4	2	20	56.5	1667		3.344481	
5	3	20	71.6	1421	1662	4.413323	
6	2	20	50	1968		5.132975	
7	2	20	97.4	1480		5.682295	
8	2	20	72.8	1680		6.673007	
9	1	20	98.8			7.117916	
10	2	20	73.6	1699		7.523262	
11	2	20	95.9	1354		8.648393	
12	1	20	80.7			9.583341	
13	2	20	72.9	1237		9.880162	
14	3	20	90.3	1339	1416	10.543321	
15	2	20	87.4	1294		11.618268	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	92.2	1131	1134	0.575137	1
1	2	11	73.3	1259		1.563294	
2	3	11	73.4	1553	1670	2.334283	
3	1	11	68.5			3.649236	
4	3	11	81	1001	1038	5.275474	
5	2	11	65.3	1066		5.917908	
6	2	11	87	1103		7.402325	
7	1	11	53			7.973741	
8	3	11	77.5	1930	1269	9.002194	
9	2	11	85.2	1133		10.024595	
10	1	11	85.2			11.575369	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	52.2			0.563201	
1	3	16	52.3	1282	1674	1.052166	
2	2	16	98.5	1296		1.531883	
3	2	16	93	1830		2.327841	
4	2	16	53.9	1762		2.638878	
5	1	16	80.5			3.75041	
6	1	16	59.2			3.846001	
7	2	16	66.9	1617		4.732399	
8	2	16	63.2	1517		5.359287	
9	2	16	79.5	1760		6.297623	1
10	2	16	75.2	1410		6.559511	
11	3	16	81.6	1479	1169	7.186542	
12	2	16	59.1	1973		7.921165	
13	3	16	53.9	1490	1287	8.586678	
14	2	16	84.1	1654		9.075928	
15	2	16	77.4	1954		9.698871	
16	1	16	66.2			10.591964	
17	2	16	83.7	1930		10.891052	
18	2	16	80.9	1181		11.520117	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	56.8			0.534625	1
1	2	19	68.4	1543		1.072381	
2	3	19	69.1	1171	1703	1.273737	
3	2	19	59.2	1991		2.409851	
4	1	19	96.5			2.869355	
5	2	19	91.4	1337		3.463454	
6	2	19	80.1	1633		4.031883	
7	3	19	59.6	1924	1670	4.572993	
8	3	19	56.6	1211	1046	5.305896	
9	1	19	86.7			5.982089	
10	1	19	92.7			6.813319	
11	3	19	53	1814	1069	7.116432	
12	2	19	85.9	1258		7.935722	
13	2	19	55.3	1078		8.65346	
14	3	19	88	1478	1756	9.091915	
15	3	19	97	1652	1818	9.649747	
16	2	19	92.7	1738		10.322235	
17	1	19	52.4			11.284206	
18	2	19	79.9	1430		11.450007	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5596.0, 5462.0, 5717.0, 5533.0, 5360.0, 5494.0, 5597.0, 5565.0, 5695.0, 5658.0, 5540.0, 5467.0, 5693.0, 5582.0, 5525.0, 5429.0, 5411.0, 5426.0, 5423.0, 5256.0, 5651.0, 5701.0, 5684.0, 5706.0, 5698.0, 5663.0, 5598.0, 5515.0, 5394.0, 5258.0, 5696.0, 5649.0, 5662.0, 5349.0, 5489.0, 5496.0, 5445.0, 5277.0, 5300.0, 5492.0, 5623.0, 5592.0, 5566.0, 5518.0, 5614.0, 5641.0, 5505.0, 5548.0, 5707.0, 5474.0, 5476.0, 5337.0, 5399.0, 5334.0, 5630.0, 5504.0, 5591.0, 5343.0, 5455.0, 5620.0, 5720.0, 5339.0, 5486.0, 5253.0, 5628.0, 5271.0, 5456.0, 5599.0, 5316.0, 5285.0, 5613.0, 5387.0, 5471.0, 5288.0, 5279.0, 5563.0, 5575.0, 5270.0, 5460.0, 5611.0, 5446.0, 5377.0, 5660.0, 5453.0, 5309.0, 5530.0, 5690.0, 5441.0, 5521.0, 5385.0, 5272.0, 5574.0, 5442.0, 5366.0, 5679.0, 5276.0, 5322.0, 5315.0, 5627.0, 5666.0 (number of hits: 16)
2	5290	9	1	333	1	5723.0, 5428.0, 5714.0, 5522.0, 5460.0, 5633.0, 5648.0, 5639.0, 5549.0, 5436.0, 5528.0, 5480.0, 5347.0, 5515.0, 5254.0, 5593.0, 5305.0, 5510.0, 5275.0, 5625.0, 5385.0, 5550.0, 5498.0, 5402.0, 5674.0, 5650.0, 5342.0, 5578.0, 5673.0, 5570.0, 5658.0, 5372.0, 5341.0, 5706.0, 5535.0, 5324.0, 5293.0, 5339.0, 5289.0, 5590.0, 5291.0, 5681.0, 5581.0, 5698.0, 5575.0, 5387.0, 5456.0, 5330.0, 5544.0, 5529.0, 5458.0, 5488.0, 5539.0, 5270.0, 5635.0, 5388.0, 5628.0, 5613.0, 5543.0, 5268.0, 5450.0, 5331.0, 5383.0, 5576.0, 5349.0, 5679.0, 5452.0, 5689.0, 5509.0, 5272.0, 5477.0, 5335.0, 5719.0, 5410.0, 5396.0, 5592.0, 5586.0, 5411.0, 5264.0, 5345.0, 5434.0, 5560.0, 5375.0, 5423.0, 5463.0, 5494.0, 5595.0, 5431.0, 5333.0, 5425.0, 5320.0, 5262.0, 5328.0, 5496.0, 5565.0, 5707.0, 5429.0, 5664.0, 5675.0, 5606.0 (number of hits: 13)
3	5290	9	1	333	1	5373.0, 5427.0, 5333.0, 5448.0, 5648.0, 5547.0, 5287.0, 5631.0, 5668.0, 5466.0, 5276.0, 5558.0, 5653.0, 5545.0, 5572.0, 5394.0, 5355.0, 5647.0, 5377.0, 5446.0, 5540.0, 5399.0, 5578.0, 5708.0, 5302.0, 5507.0, 5556.0, 5577.0, 5599.0, 5389.0, 5526.0, 5398.0, 5350.0, 5709.0, 5342.0, 5513.0, 5437.0, 5441.0, 5584.0, 5323.0, 5698.0, 5384.0, 5667.0, 5659.0, 5571.0, 5391.0, 5370.0, 5271.0, 5494.0, 5605.0, 5461.0, 5500.0, 5454.0, 5553.0, 5495.0, 5254.0, 5636.0, 5313.0, 5721.0, 5452.0,

						5598.0, 5269.0, 5606.0, 5675.0, 5529.0, 5619.0, 5600.0, 5445.0, 5583.0, 5593.0, 5716.0, 5340.0, 5406.0, 5551.0, 5706.0, 5475.0, 5550.0, 5299.0, 5586.0, 5467.0, 5656.0, 5493.0, 5316.0, 5718.0, 5671.0, 5694.0, 5662.0, 5693.0, 5649.0, 5676.0, 5358.0, 5422.0, 5710.0, 5267.0, 5489.0, 5663.0, 5417.0, 5332.0, 5640.0, 5654.0 (number of hits: 11)
4	5290	9	1	333	1	5447.0, 5501.0, 5407.0, 5405.0, 5510.0, 5329.0, 5651.0, 5722.0, 5468.0, 5556.0, 5436.0, 5442.0, 5615.0, 5522.0, 5336.0, 5326.0, 5680.0, 5587.0, 5412.0, 5384.0, 5313.0, 5490.0, 5646.0, 5633.0, 5299.0, 5309.0, 5668.0, 5357.0, 5379.0, 5416.0, 5393.0, 5525.0, 5429.0, 5504.0, 5551.0, 5290.0, 5639.0, 5671.0, 5645.0, 5363.0, 5260.0, 5546.0, 5359.0, 5483.0, 5382.0, 5707.0, 5256.0, 5368.0, 5451.0, 5704.0, 5417.0, 5435.0, 5480.0, 5591.0, 5479.0, 5408.0, 5283.0, 5374.0, 5465.0, 5413.0, 5635.0, 5582.0, 5611.0, 5424.0, 5568.0, 5687.0, 5462.0, 5516.0, 5560.0, 5446.0, 5316.0, 5603.0, 5355.0, 5593.0, 5566.0, 5312.0, 5496.0, 5320.0, 5720.0, 5266.0, 5557.0, 5663.0, 5457.0, 5449.0, 5481.0, 5341.0, 5626.0, 5598.0, 5528.0, 5317.0, 5406.0, 5629.0, 5478.0, 5547.0, 5300.0, 5395.0, 5664.0, 5473.0, 5616.0, 5691.0 (number of hits: 14)
5	5290	9	1	333	1	5704.0, 5266.0, 5696.0, 5611.0, 5554.0, 5625.0, 5712.0, 5707.0, 5643.0, 5370.0, 5473.0, 5374.0, 5429.0, 5584.0, 5306.0, 5713.0, 5483.0, 5552.0, 5674.0, 5608.0, 5376.0, 5571.0, 5681.0, 5673.0, 5345.0, 5676.0, 5582.0, 5689.0, 5463.0, 5462.0, 5502.0, 5357.0, 5384.0, 5382.0, 5503.0, 5568.0, 5505.0, 5460.0, 5381.0, 5275.0, 5515.0, 5683.0, 5701.0, 5548.0, 5346.0, 5304.0, 5647.0, 5606.0, 5420.0, 5263.0, 5353.0, 5344.0, 5356.0, 5399.0, 5646.0, 5443.0, 5267.0, 5494.0, 5341.0, 5426.0, 5668.0, 5547.0, 5324.0, 5288.0, 5717.0, 5392.0, 5452.0, 5300.0, 5259.0, 5630.0, 5322.0, 5428.0, 5716.0, 5375.0, 5389.0, 5685.0, 5640.0, 5500.0, 5302.0, 5309.0, 5472.0, 5262.0, 5308.0, 5710.0, 5721.0, 5417.0, 5603.0, 5530.0, 5327.0, 5320.0, 5252.0, 5299.0, 5566.0, 5619.0, 5476.0, 5467.0, 5574.0, 5679.0, 5403.0, 5352.0 (number of hits: 19)
6	5290	9	1	333	1	5471.0, 5601.0, 5293.0, 5590.0, 5420.0, 5354.0, 5383.0, 5402.0, 5612.0, 5660.0, 5579.0, 5314.0, 5296.0, 5417.0, 5374.0, 5542.0, 5433.0, 5553.0, 5580.0, 5329.0, 5424.0, 5565.0, 5338.0, 5442.0, 5387.0, 5707.0, 5321.0, 5377.0, 5258.0, 5605.0, 5479.0, 5586.0, 5470.0, 5302.0, 5541.0, 5275.0, 5451.0, 5618.0, 5637.0, 5656.0, 5289.0, 5316.0, 5614.0, 5548.0, 5507.0,

						5528.0, 5652.0, 5252.0, 5593.0, 5695.0, 5563.0, 5526.0, 5437.0, 5561.0, 5636.0, 5619.0, 5342.0, 5505.0, 5646.0, 5575.0, 5537.0, 5693.0, 5370.0, 5570.0, 5389.0, 5630.0, 5609.0, 5281.0, 5305.0, 5560.0, 5271.0, 5598.0, 5661.0, 5543.0, 5291.0, 5623.0, 5518.0, 5359.0, 5450.0, 5356.0, 5572.0, 5311.0, 5667.0, 5717.0, 5327.0, 5459.0, 5475.0, 5573.0, 5699.0, 5673.0, 5288.0, 5594.0, 5426.0, 5723.0, 5697.0, 5319.0, 5340.0, 5522.0, 5341.0, 5431.0 (number of hits: 18)
7	5290	9	1	333	1	5649.0, 5400.0, 5657.0, 5664.0, 5323.0, 5532.0, 5264.0, 5652.0, 5508.0, 5718.0, 5416.0, 5318.0, 5558.0, 5334.0, 5662.0, 5332.0, 5499.0, 5719.0, 5629.0, 5551.0, 5724.0, 5515.0, 5349.0, 5299.0, 5695.0, 5452.0, 5582.0, 5314.0, 5343.0, 5539.0, 5265.0, 5654.0, 5324.0, 5621.0, 5371.0, 5523.0, 5483.0, 5484.0, 5440.0, 5577.0, 5451.0, 5254.0, 5520.0, 5592.0, 5593.0, 5709.0, 5320.0, 5266.0, 5700.0, 5403.0, 5624.0, 5643.0, 5366.0, 5626.0, 5704.0, 5569.0, 5647.0, 5432.0, 5421.0, 5619.0, 5420.0, 5490.0, 5422.0, 5287.0, 5337.0, 5501.0, 5482.0, 5570.0, 5635.0, 5674.0, 5518.0, 5713.0, 5285.0, 5259.0, 5377.0, 5256.0, 5289.0, 5494.0, 5471.0, 5308.0, 5464.0, 5628.0, 5365.0, 5357.0, 5336.0, 5257.0, 5627.0, 5524.0, 5407.0, 5263.0, 5381.0, 5610.0, 5687.0, 5339.0, 5469.0, 5653.0, 5675.0, 5410.0, 5514.0, 5599.0 (number of hits: 18)
8	5290	9	1	333	1	5361.0, 5467.0, 5636.0, 5479.0, 5687.0, 5449.0, 5444.0, 5252.0, 5569.0, 5566.0, 5417.0, 5561.0, 5327.0, 5547.0, 5446.0, 5604.0, 5697.0, 5310.0, 5595.0, 5410.0, 5274.0, 5701.0, 5388.0, 5622.0, 5370.0, 5256.0, 5434.0, 5332.0, 5407.0, 5643.0, 5576.0, 5282.0, 5330.0, 5264.0, 5409.0, 5277.0, 5557.0, 5593.0, 5349.0, 5480.0, 5340.0, 5403.0, 5499.0, 5553.0, 5709.0, 5343.0, 5657.0, 5358.0, 5362.0, 5618.0, 5280.0, 5551.0, 5521.0, 5414.0, 5590.0, 5436.0, 5656.0, 5708.0, 5357.0, 5502.0, 5419.0, 5484.0, 5719.0, 5524.0, 5326.0, 5513.0, 5492.0, 5443.0, 5368.0, 5583.0, 5457.0, 5669.0, 5655.0, 5650.0, 5466.0, 5540.0, 5652.0, 5276.0, 5556.0, 5711.0, 5509.0, 5585.0, 5579.0, 5386.0, 5586.0, 5713.0, 5638.0, 5411.0, 5430.0, 5464.0, 5707.0, 5530.0, 5634.0, 5408.0, 5281.0, 5663.0, 5671.0, 5529.0, 5385.0, 5614.0 (number of hits: 12)
9	5290	9	1	333	1	5346.0, 5268.0, 5617.0, 5448.0, 5276.0, 5379.0, 5457.0, 5316.0, 5431.0, 5317.0, 5345.0, 5425.0, 5629.0, 5474.0, 5591.0, 5652.0, 5465.0, 5287.0, 5418.0, 5526.0, 5360.0, 5653.0, 5327.0, 5416.0, 5462.0, 5699.0, 5570.0, 5320.0, 5438.0, 5385.0,

						5420.0, 5541.0, 5600.0, 5353.0, 5263.0, 5372.0, 5500.0, 5593.0, 5587.0, 5322.0, 5480.0, 5421.0, 5488.0, 5555.0, 5670.0, 5291.0, 5342.0, 5702.0, 5280.0, 5278.0, 5557.0, 5583.0, 5311.0, 5271.0, 5536.0, 5651.0, 5667.0, 5611.0, 5560.0, 5292.0, 5349.0, 5415.0, 5625.0, 5596.0, 5454.0, 5615.0, 5397.0, 5598.0, 5530.0, 5523.0, 5406.0, 5473.0, 5427.0, 5638.0, 5414.0, 5524.0, 5373.0, 5586.0, 5330.0, 5574.0, 5708.0, 5693.0, 5453.0, 5512.0, 5451.0, 5612.0, 5697.0, 5332.0, 5411.0, 5489.0, 5375.0, 5551.0, 5669.0, 5501.0, 5527.0, 5684.0, 5546.0, 5361.0, 5719.0, 5440.0 (number of hits: 15)
10	5290	9	1	333	1	5267.0, 5593.0, 5374.0, 5313.0, 5693.0, 5463.0, 5649.0, 5314.0, 5327.0, 5368.0, 5719.0, 5324.0, 5630.0, 5647.0, 5613.0, 5525.0, 5621.0, 5573.0, 5358.0, 5662.0, 5699.0, 5521.0, 5714.0, 5422.0, 5665.0, 5393.0, 5425.0, 5305.0, 5333.0, 5477.0, 5354.0, 5316.0, 5334.0, 5469.0, 5472.0, 5420.0, 5487.0, 5326.0, 5414.0, 5349.0, 5710.0, 5283.0, 5299.0, 5483.0, 5379.0, 5691.0, 5457.0, 5623.0, 5529.0, 5427.0, 5722.0, 5633.0, 5556.0, 5435.0, 5501.0, 5410.0, 5702.0, 5350.0, 5720.0, 5680.0, 5336.0, 5430.0, 5664.0, 5455.0, 5684.0, 5471.0, 5708.0, 5721.0, 5404.0, 5634.0, 5340.0, 5586.0, 5266.0, 5507.0, 5616.0, 5553.0, 5444.0, 5493.0, 5389.0, 5253.0, 5575.0, 5653.0, 5296.0, 5629.0, 5723.0, 5569.0, 5496.0, 5370.0, 5686.0, 5635.0, 5656.0, 5273.0, 5711.0, 5576.0, 5339.0, 5323.0, 5670.0, 5303.0, 5423.0, 5363.0 (number of hits: 16)
11	5290	9	1	333	1	5333.0, 5714.0, 5688.0, 5680.0, 5447.0, 5310.0, 5562.0, 5462.0, 5394.0, 5577.0, 5260.0, 5476.0, 5449.0, 5465.0, 5428.0, 5580.0, 5538.0, 5314.0, 5403.0, 5313.0, 5679.0, 5334.0, 5705.0, 5374.0, 5448.0, 5302.0, 5258.0, 5526.0, 5369.0, 5505.0, 5598.0, 5415.0, 5673.0, 5707.0, 5440.0, 5434.0, 5592.0, 5654.0, 5671.0, 5368.0, 5325.0, 5351.0, 5457.0, 5722.0, 5471.0, 5665.0, 5600.0, 5708.0, 5339.0, 5686.0, 5683.0, 5568.0, 5589.0, 5298.0, 5348.0, 5611.0, 5687.0, 5716.0, 5335.0, 5426.0, 5621.0, 5560.0, 5481.0, 5593.0, 5602.0, 5561.0, 5385.0, 5284.0, 5436.0, 5456.0, 5270.0, 5701.0, 5464.0, 5591.0, 5675.0, 5297.0, 5650.0, 5655.0, 5610.0, 5712.0, 5534.0, 5656.0, 5537.0, 5419.0, 5454.0, 5684.0, 5643.0, 5548.0, 5442.0, 5304.0, 5492.0, 5400.0, 5378.0, 5380.0, 5263.0, 5355.0, 5633.0, 5257.0, 5557.0, 5645.0 (number of hits: 14)
12	5290	9	1	333	1	5457.0, 5321.0, 5586.0, 5261.0, 5409.0, 5544.0, 5650.0, 5423.0, 5257.0, 5410.0, 5679.0, 5501.0, 5328.0, 5268.0, 5394.0,

						5308.0, 5628.0, 5587.0, 5254.0, 5574.0, 5615.0, 5549.0, 5279.0, 5367.0, 5368.0, 5469.0, 5428.0, 5339.0, 5467.0, 5459.0, 5714.0, 5567.0, 5612.0, 5484.0, 5723.0, 5559.0, 5307.0, 5702.0, 5485.0, 5595.0, 5349.0, 5292.0, 5588.0, 5644.0, 5546.0, 5600.0, 5601.0, 5460.0, 5447.0, 5531.0, 5712.0, 5272.0, 5388.0, 5554.0, 5258.0, 5604.0, 5271.0, 5493.0, 5270.0, 5511.0, 5573.0, 5505.0, 5709.0, 5369.0, 5638.0, 5310.0, 5653.0, 5635.0, 5393.0, 5495.0, 5578.0, 5320.0, 5486.0, 5303.0, 5405.0, 5425.0, 5395.0, 5418.0, 5358.0, 5711.0, 5343.0, 5630.0, 5508.0, 5605.0, 5557.0, 5448.0, 5490.0, 5695.0, 5363.0, 5286.0, 5304.0, 5480.0, 5632.0, 5509.0, 5313.0, 5697.0, 5314.0, 5440.0, 5387.0, 5451.0 (number of hits: 20)
13	5290	9	1	333	1	5506.0, 5623.0, 5297.0, 5604.0, 5523.0, 5333.0, 5664.0, 5514.0, 5339.0, 5289.0, 5292.0, 5290.0, 5490.0, 5466.0, 5398.0, 5508.0, 5671.0, 5308.0, 5480.0, 5457.0, 5583.0, 5606.0, 5293.0, 5686.0, 5482.0, 5703.0, 5418.0, 5344.0, 5597.0, 5393.0, 5700.0, 5312.0, 5421.0, 5651.0, 5358.0, 5309.0, 5294.0, 5387.0, 5652.0, 5374.0, 5424.0, 5610.0, 5658.0, 5705.0, 5624.0, 5299.0, 5362.0, 5256.0, 5495.0, 5407.0, 5307.0, 5315.0, 5591.0, 5536.0, 5441.0, 5477.0, 5453.0, 5255.0, 5475.0, 5274.0, 5592.0, 5286.0, 5287.0, 5575.0, 5689.0, 5503.0, 5334.0, 5476.0, 5402.0, 5723.0, 5324.0, 5327.0, 5341.0, 5555.0, 5258.0, 5368.0, 5639.0, 5306.0, 5517.0, 5650.0, 5608.0, 5603.0, 5423.0, 5542.0, 5666.0, 5278.0, 5381.0, 5364.0, 5363.0, 5316.0, 5685.0, 5641.0, 5613.0, 5561.0, 5529.0, 5526.0, 5471.0, 5473.0, 5709.0, 5547.0 (number of hits: 23)
14	5290	9	1	333	1	5466.0, 5417.0, 5477.0, 5445.0, 5294.0, 5451.0, 5592.0, 5282.0, 5620.0, 5624.0, 5360.0, 5724.0, 5570.0, 5502.0, 5470.0, 5593.0, 5449.0, 5365.0, 5455.0, 5583.0, 5313.0, 5473.0, 5559.0, 5618.0, 5637.0, 5598.0, 5531.0, 5324.0, 5253.0, 5394.0, 5387.0, 5276.0, 5331.0, 5709.0, 5677.0, 5707.0, 5376.0, 5536.0, 5537.0, 5305.0, 5540.0, 5664.0, 5497.0, 5366.0, 5353.0, 5263.0, 5289.0, 5639.0, 5641.0, 5658.0, 5437.0, 5498.0, 5643.0, 5563.0, 5512.0, 5548.0, 5522.0, 5640.0, 5302.0, 5660.0, 5545.0, 5690.0, 5576.0, 5649.0, 5483.0, 5646.0, 5584.0, 5319.0, 5694.0, 5407.0, 5501.0, 5692.0, 5602.0, 5689.0, 5626.0, 5335.0, 5362.0, 5549.0, 5463.0, 5382.0, 5429.0, 5706.0, 5292.0, 5340.0, 5530.0, 5511.0, 5617.0, 5329.0, 5705.0, 5318.0, 5691.0, 5526.0, 5307.0, 5635.0, 5349.0, 5544.0, 5680.0, 5714.0, 5381.0, 5301.0 (number of hits: 15)

15	5290	9	1	333	1	5528.0, 5407.0, 5504.0, 5331.0, 5303.0, 5605.0, 5398.0, 5588.0, 5363.0, 5361.0, 5716.0, 5326.0, 5591.0, 5682.0, 5345.0, 5611.0, 5278.0, 5334.0, 5439.0, 5486.0, 5409.0, 5717.0, 5314.0, 5551.0, 5317.0, 5325.0, 5313.0, 5319.0, 5434.0, 5514.0, 5558.0, 5564.0, 5559.0, 5556.0, 5259.0, 5664.0, 5713.0, 5469.0, 5335.0, 5254.0, 5659.0, 5539.0, 5523.0, 5691.0, 5642.0, 5362.0, 5295.0, 5296.0, 5512.0, 5393.0, 5500.0, 5356.0, 5457.0, 5533.0, 5431.0, 5621.0, 5369.0, 5374.0, 5465.0, 5706.0, 5697.0, 5440.0, 5720.0, 5723.0, 5263.0, 5484.0, 5562.0, 5443.0, 5453.0, 5686.0, 5385.0, 5511.0, 5560.0, 5663.0, 5268.0, 5483.0, 5366.0, 5552.0, 5684.0, 5421.0, 5688.0, 5637.0, 5635.0, 5517.0, 5622.0, 5491.0, 5598.0, 5527.0, 5261.0, 5625.0, 5699.0, 5355.0, 5352.0, 5435.0, 5520.0, 5375.0, 5639.0, 5272.0, 5638.0, 5553.0 (number of hits: 16)
16	5290	9	1	333	1	5517.0, 5484.0, 5394.0, 5351.0, 5328.0, 5685.0, 5566.0, 5583.0, 5290.0, 5451.0, 5313.0, 5669.0, 5408.0, 5613.0, 5258.0, 5652.0, 5548.0, 5403.0, 5674.0, 5440.0, 5296.0, 5501.0, 5469.0, 5569.0, 5619.0, 5504.0, 5372.0, 5389.0, 5551.0, 5470.0, 5424.0, 5315.0, 5717.0, 5646.0, 5567.0, 5374.0, 5336.0, 5383.0, 5357.0, 5684.0, 5381.0, 5341.0, 5723.0, 5580.0, 5565.0, 5520.0, 5535.0, 5618.0, 5390.0, 5538.0, 5335.0, 5699.0, 5325.0, 5711.0, 5562.0, 5533.0, 5398.0, 5645.0, 5369.0, 5694.0, 5629.0, 5639.0, 5706.0, 5709.0, 5478.0, 5417.0, 5339.0, 5624.0, 5607.0, 5427.0, 5259.0, 5378.0, 5553.0, 5441.0, 5702.0, 5353.0, 5597.0, 5395.0, 5349.0, 5492.0, 5482.0, 5575.0, 5623.0, 5412.0, 5563.0, 5445.0, 5654.0, 5568.0, 5640.0, 5649.0, 5420.0, 5525.0, 5688.0, 5474.0, 5263.0, 5283.0, 5579.0, 5327.0, 5638.0, 5507.0 (number of hits: 10)
17	5290	9	1	333	1	5263.0, 5718.0, 5520.0, 5482.0, 5451.0, 5457.0, 5690.0, 5686.0, 5574.0, 5489.0, 5353.0, 5679.0, 5407.0, 5269.0, 5502.0, 5360.0, 5299.0, 5400.0, 5483.0, 5459.0, 5586.0, 5604.0, 5526.0, 5420.0, 5424.0, 5293.0, 5505.0, 5406.0, 5722.0, 5294.0, 5462.0, 5529.0, 5668.0, 5541.0, 5666.0, 5585.0, 5544.0, 5412.0, 5491.0, 5310.0, 5514.0, 5620.0, 5572.0, 5661.0, 5589.0, 5272.0, 5665.0, 5392.0, 5410.0, 5376.0, 5470.0, 5361.0, 5447.0, 5304.0, 5494.0, 5335.0, 5411.0, 5587.0, 5415.0, 5368.0, 5579.0, 5703.0, 5543.0, 5568.0, 5363.0, 5680.0, 5438.0, 5663.0, 5613.0, 5297.0, 5619.0, 5414.0, 5467.0, 5582.0, 5534.0, 5576.0, 5664.0, 5714.0, 5267.0, 5386.0, 5717.0, 5396.0, 5719.0, 5698.0, 5254.0, 5518.0, 5460.0, 5316.0, 5550.0, 5371.0,

						5271.0, 5479.0, 5532.0, 5419.0, 5394.0, 5421.0, 5674.0, 5341.0, 5321.0, 5711.0 (number of hits: 14)
18	5290	9	1	333	1	5260.0, 5335.0, 5279.0, 5460.0, 5285.0, 5542.0, 5643.0, 5480.0, 5654.0, 5311.0, 5601.0, 5670.0, 5319.0, 5358.0, 5278.0, 5316.0, 5361.0, 5359.0, 5684.0, 5351.0, 5342.0, 5640.0, 5681.0, 5655.0, 5277.0, 5412.0, 5615.0, 5706.0, 5315.0, 5673.0, 5398.0, 5607.0, 5632.0, 5283.0, 5265.0, 5503.0, 5276.0, 5534.0, 5377.0, 5576.0, 5627.0, 5692.0, 5703.0, 5489.0, 5302.0, 5698.0, 5306.0, 5523.0, 5697.0, 5579.0, 5375.0, 5605.0, 5253.0, 5478.0, 5466.0, 5402.0, 5564.0, 5371.0, 5588.0, 5275.0, 5493.0, 5468.0, 5425.0, 5264.0, 5687.0, 5482.0, 5587.0, 5614.0, 5637.0, 5566.0, 5470.0, 5722.0, 5575.0, 5491.0, 5599.0, 5357.0, 5369.0, 5556.0, 5387.0, 5609.0, 5394.0, 5270.0, 5428.0, 5318.0, 5666.0, 5370.0, 5656.0, 5708.0, 5340.0, 5563.0, 5423.0, 5659.0, 5262.0, 5723.0, 5374.0, 5465.0, 5456.0, 5442.0, 5581.0, 5392.0 (number of hits: 20)
19	5290	9	1	333	1	5480.0, 5446.0, 5715.0, 5609.0, 5521.0, 5703.0, 5391.0, 5342.0, 5543.0, 5349.0, 5456.0, 5604.0, 5473.0, 5522.0, 5425.0, 5568.0, 5379.0, 5620.0, 5490.0, 5643.0, 5354.0, 5447.0, 5510.0, 5668.0, 5410.0, 5516.0, 5254.0, 5610.0, 5258.0, 5261.0, 5304.0, 5545.0, 5592.0, 5474.0, 5546.0, 5544.0, 5632.0, 5663.0, 5591.0, 5514.0, 5507.0, 5549.0, 5659.0, 5326.0, 5677.0, 5362.0, 5685.0, 5528.0, 5350.0, 5464.0, 5294.0, 5335.0, 5572.0, 5515.0, 5673.0, 5630.0, 5586.0, 5381.0, 5384.0, 5607.0, 5613.0, 5359.0, 5346.0, 5266.0, 5576.0, 5585.0, 5541.0, 5423.0, 5472.0, 5723.0, 5270.0, 5411.0, 5435.0, 5606.0, 5562.0, 5527.0, 5396.0, 5700.0, 5676.0, 5628.0, 5292.0, 5608.0, 5428.0, 5502.0, 5257.0, 5587.0, 5537.0, 5299.0, 5670.0, 5311.0, 5260.0, 5678.0, 5574.0, 5533.0, 5448.0, 5684.0, 5509.0, 5712.0, 5452.0, 5320.0 (number of hits: 14)
20	5290	9	1	333	1	5328.0, 5686.0, 5536.0, 5663.0, 5292.0, 5554.0, 5524.0, 5330.0, 5467.0, 5312.0, 5531.0, 5703.0, 5424.0, 5658.0, 5575.0, 5491.0, 5552.0, 5252.0, 5368.0, 5447.0, 5612.0, 5634.0, 5571.0, 5504.0, 5432.0, 5285.0, 5717.0, 5555.0, 5293.0, 5711.0, 5286.0, 5685.0, 5539.0, 5418.0, 5287.0, 5296.0, 5444.0, 5606.0, 5660.0, 5498.0, 5558.0, 5341.0, 5389.0, 5576.0, 5544.0, 5458.0, 5446.0, 5361.0, 5532.0, 5506.0, 5712.0, 5384.0, 5661.0, 5324.0, 5347.0, 5618.0, 5682.0, 5519.0, 5465.0, 5710.0, 5616.0, 5394.0, 5680.0, 5670.0, 5517.0, 5305.0, 5453.0, 5469.0, 5659.0, 5477.0, 5668.0, 5423.0, 5718.0, 5363.0, 5311.0,

						5346.0, 5367.0, 5416.0, 5433.0, 5306.0, 5556.0, 5493.0, 5563.0, 5268.0, 5635.0, 5269.0, 5434.0, 5253.0, 5672.0, 5695.0, 5677.0, 5497.0, 5653.0, 5580.0, 5471.0, 5321.0, 5657.0, 5264.0, 5370.0, 5457.0 (number of hits: 17)
21	5290	9	1	333	1	5493.0, 5352.0, 5461.0, 5547.0, 5655.0, 5719.0, 5524.0, 5505.0, 5274.0, 5571.0, 5334.0, 5425.0, 5674.0, 5256.0, 5280.0, 5600.0, 5599.0, 5333.0, 5604.0, 5592.0, 5514.0, 5261.0, 5346.0, 5480.0, 5400.0, 5306.0, 5523.0, 5656.0, 5412.0, 5414.0, 5490.0, 5387.0, 5639.0, 5515.0, 5369.0, 5581.0, 5539.0, 5597.0, 5405.0, 5394.0, 5357.0, 5546.0, 5530.0, 5406.0, 5672.0, 5612.0, 5703.0, 5388.0, 5582.0, 5289.0, 5322.0, 5594.0, 5487.0, 5701.0, 5267.0, 5624.0, 5290.0, 5424.0, 5545.0, 5537.0, 5532.0, 5692.0, 5555.0, 5658.0, 5554.0, 5647.0, 5691.0, 5646.0, 5335.0, 5456.0, 5614.0, 5336.0, 5463.0, 5667.0, 5662.0, 5671.0, 5390.0, 5492.0, 5644.0, 5645.0, 5663.0, 5337.0, 5459.0, 5540.0, 5709.0, 5328.0, 5613.0, 5517.0, 5528.0, 5700.0, 5520.0, 5558.0, 5271.0, 5432.0, 5665.0, 5596.0, 5661.0, 5714.0, 5481.0, 5292.0 (number of hits: 11)
22	5290	9	1	333	1	5472.0, 5386.0, 5425.0, 5337.0, 5566.0, 5476.0, 5513.0, 5459.0, 5328.0, 5540.0, 5352.0, 5398.0, 5624.0, 5435.0, 5269.0, 5691.0, 5342.0, 5552.0, 5441.0, 5615.0, 5414.0, 5469.0, 5482.0, 5508.0, 5380.0, 5507.0, 5635.0, 5617.0, 5631.0, 5467.0, 5302.0, 5498.0, 5374.0, 5392.0, 5532.0, 5694.0, 5462.0, 5404.0, 5410.0, 5612.0, 5479.0, 5517.0, 5327.0, 5724.0, 5636.0, 5596.0, 5681.0, 5485.0, 5301.0, 5322.0, 5662.0, 5268.0, 5493.0, 5400.0, 5599.0, 5575.0, 5567.0, 5610.0, 5506.0, 5634.0, 5544.0, 5275.0, 5417.0, 5709.0, 5325.0, 5630.0, 5510.0, 5306.0, 5531.0, 5650.0, 5588.0, 5525.0, 5535.0, 5716.0, 5364.0, 5433.0, 5661.0, 5363.0, 5663.0, 5343.0, 5373.0, 5533.0, 5521.0, 5336.0, 5562.0, 5477.0, 5272.0, 5281.0, 5674.0, 5304.0, 5641.0, 5389.0, 5619.0, 5518.0, 5648.0, 5466.0, 5606.0, 5426.0, 5545.0, 5638.0 (number of hits: 12)
23	5290	9	1	333	1	5455.0, 5490.0, 5672.0, 5575.0, 5384.0, 5404.0, 5398.0, 5677.0, 5608.0, 5590.0, 5321.0, 5613.0, 5571.0, 5582.0, 5469.0, 5385.0, 5651.0, 5617.0, 5693.0, 5633.0, 5285.0, 5652.0, 5324.0, 5671.0, 5383.0, 5411.0, 5367.0, 5537.0, 5466.0, 5577.0, 5481.0, 5364.0, 5557.0, 5341.0, 5706.0, 5296.0, 5650.0, 5375.0, 5499.0, 5657.0, 5479.0, 5607.0, 5393.0, 5508.0, 5441.0, 5470.0, 5467.0, 5542.0, 5487.0, 5338.0, 5315.0, 5382.0, 5391.0, 5579.0, 5631.0, 5646.0, 5363.0, 5515.0, 5358.0, 5623.0,

						5724.0, 5360.0, 5535.0, 5430.0, 5719.0, 5458.0, 5402.0, 5544.0, 5604.0, 5294.0, 5584.0, 5495.0, 5654.0, 5523.0, 5463.0, 5637.0, 5708.0, 5660.0, 5690.0, 5564.0, 5262.0, 5625.0, 5605.0, 5435.0, 5648.0, 5667.0, 5497.0, 5307.0, 5603.0, 5354.0, 5662.0, 5689.0, 5310.0, 5465.0, 5305.0, 5264.0, 5456.0, 5664.0, 5665.0, 5683.0 (number of hits: 11)
24	5290	9	1	333	1	5318.0, 5688.0, 5606.0, 5658.0, 5549.0, 5617.0, 5547.0, 5378.0, 5687.0, 5386.0, 5671.0, 5408.0, 5636.0, 5483.0, 5312.0, 5508.0, 5394.0, 5685.0, 5638.0, 5663.0, 5382.0, 5649.0, 5521.0, 5473.0, 5500.0, 5661.0, 5299.0, 5320.0, 5583.0, 5276.0, 5511.0, 5505.0, 5301.0, 5639.0, 5476.0, 5450.0, 5489.0, 5291.0, 5619.0, 5664.0, 5662.0, 5397.0, 5485.0, 5429.0, 5573.0, 5258.0, 5610.0, 5488.0, 5640.0, 5350.0, 5691.0, 5430.0, 5538.0, 5250.0, 5365.0, 5415.0, 5303.0, 5381.0, 5590.0, 5580.0, 5644.0, 5683.0, 5564.0, 5458.0, 5260.0, 5711.0, 5554.0, 5643.0, 5534.0, 5571.0, 5456.0, 5373.0, 5722.0, 5267.0, 5338.0, 5305.0, 5420.0, 5323.0, 5327.0, 5454.0, 5444.0, 5412.0, 5628.0, 5359.0, 5695.0, 5328.0, 5335.0, 5398.0, 5351.0, 5426.0, 5672.0, 5718.0, 5313.0, 5690.0, 5266.0, 5659.0, 5269.0, 5515.0, 5677.0, 5630.0 (number of hits: 17)
25	5290	9	1	333	1	5577.0, 5650.0, 5362.0, 5722.0, 5547.0, 5307.0, 5531.0, 5434.0, 5567.0, 5688.0, 5409.0, 5357.0, 5467.0, 5693.0, 5502.0, 5457.0, 5581.0, 5295.0, 5511.0, 5683.0, 5652.0, 5294.0, 5591.0, 5574.0, 5456.0, 5712.0, 5622.0, 5386.0, 5692.0, 5600.0, 5484.0, 5623.0, 5440.0, 5718.0, 5475.0, 5253.0, 5707.0, 5372.0, 5292.0, 5638.0, 5613.0, 5663.0, 5580.0, 5470.0, 5473.0, 5460.0, 5353.0, 5694.0, 5674.0, 5565.0, 5705.0, 5695.0, 5468.0, 5675.0, 5321.0, 5578.0, 5309.0, 5445.0, 5392.0, 5305.0, 5276.0, 5582.0, 5330.0, 5550.0, 5608.0, 5500.0, 5636.0, 5288.0, 5413.0, 5408.0, 5433.0, 5319.0, 5364.0, 5377.0, 5542.0, 5400.0, 5647.0, 5399.0, 5678.0, 5337.0, 5463.0, 5528.0, 5635.0, 5256.0, 5700.0, 5373.0, 5290.0, 5498.0, 5545.0, 5322.0, 5281.0, 5607.0, 5412.0, 5552.0, 5679.0, 5532.0, 5410.0, 5329.0, 5599.0, 5641.0 (number of hits: 15)
26	5290	9	1	333	1	5577.0, 5566.0, 5443.0, 5481.0, 5453.0, 5548.0, 5505.0, 5377.0, 5426.0, 5521.0, 5616.0, 5647.0, 5580.0, 5638.0, 5437.0, 5454.0, 5639.0, 5534.0, 5450.0, 5362.0, 5524.0, 5588.0, 5257.0, 5262.0, 5528.0, 5551.0, 5449.0, 5628.0, 5464.0, 5656.0, 5688.0, 5718.0, 5393.0, 5517.0, 5280.0, 5353.0, 5267.0, 5626.0, 5409.0, 5518.0, 5444.0, 5348.0, 5724.0, 5576.0, 5687.0,

						5319.0, 5269.0, 5594.0, 5304.0, 5332.0, 5557.0, 5317.0, 5685.0, 5533.0, 5582.0, 5665.0, 5717.0, 5649.0, 5585.0, 5499.0, 5514.0, 5507.0, 5529.0, 5380.0, 5286.0, 5536.0, 5473.0, 5631.0, 5596.0, 5424.0, 5562.0, 5295.0, 5392.0, 5289.0, 5490.0, 5583.0, 5291.0, 5502.0, 5324.0, 5509.0, 5544.0, 5254.0, 5565.0, 5457.0, 5441.0, 5410.0, 5644.0, 5368.0, 5487.0, 5270.0, 5430.0, 5448.0, 5573.0, 5516.0, 5686.0, 5513.0, 5365.0, 5327.0, 5438.0, 5504.0 (number of hits: 16)
27	5290	9	1	333	1	5254.0, 5325.0, 5508.0, 5416.0, 5654.0, 5720.0, 5634.0, 5679.0, 5346.0, 5447.0, 5308.0, 5723.0, 5469.0, 5670.0, 5369.0, 5681.0, 5615.0, 5349.0, 5575.0, 5310.0, 5407.0, 5276.0, 5477.0, 5680.0, 5708.0, 5558.0, 5292.0, 5295.0, 5359.0, 5713.0, 5672.0, 5426.0, 5596.0, 5474.0, 5545.0, 5610.0, 5513.0, 5673.0, 5620.0, 5351.0, 5722.0, 5583.0, 5506.0, 5703.0, 5283.0, 5601.0, 5341.0, 5603.0, 5568.0, 5317.0, 5436.0, 5372.0, 5562.0, 5613.0, 5686.0, 5579.0, 5571.0, 5619.0, 5434.0, 5567.0, 5521.0, 5425.0, 5605.0, 5398.0, 5263.0, 5550.0, 5627.0, 5304.0, 5706.0, 5557.0, 5645.0, 5330.0, 5282.0, 5646.0, 5391.0, 5697.0, 5528.0, 5399.0, 5531.0, 5420.0, 5424.0, 5625.0, 5342.0, 5333.0, 5498.0, 5698.0, 5540.0, 5423.0, 5618.0, 5695.0, 5516.0, 5430.0, 5534.0, 5322.0, 5485.0, 5488.0, 5410.0, 5502.0, 5368.0, 5337.0 (number of hits: 13)
28	5290	9	1	333	1	5502.0, 5687.0, 5679.0, 5406.0, 5274.0, 5420.0, 5430.0, 5339.0, 5421.0, 5645.0, 5489.0, 5336.0, 5605.0, 5669.0, 5334.0, 5451.0, 5433.0, 5498.0, 5505.0, 5583.0, 5554.0, 5523.0, 5622.0, 5594.0, 5328.0, 5347.0, 5707.0, 5639.0, 5389.0, 5260.0, 5377.0, 5289.0, 5664.0, 5462.0, 5353.0, 5546.0, 5287.0, 5676.0, 5305.0, 5720.0, 5269.0, 5672.0, 5482.0, 5448.0, 5701.0, 5596.0, 5376.0, 5401.0, 5578.0, 5276.0, 5295.0, 5327.0, 5345.0, 5444.0, 5535.0, 5439.0, 5658.0, 5557.0, 5251.0, 5475.0, 5702.0, 5299.0, 5628.0, 5272.0, 5630.0, 5699.0, 5315.0, 5677.0, 5603.0, 5518.0, 5590.0, 5635.0, 5629.0, 5259.0, 5548.0, 5655.0, 5651.0, 5392.0, 5673.0, 5606.0, 5620.0, 5378.0, 5612.0, 5545.0, 5543.0, 5530.0, 5384.0, 5499.0, 5531.0, 5710.0, 5435.0, 5396.0, 5301.0, 5527.0, 5375.0, 5369.0, 5310.0, 5279.0, 5604.0, 5431.0 (number of hits: 16)
29	5290	9	1	333	1	5393.0, 5551.0, 5466.0, 5557.0, 5417.0, 5594.0, 5571.0, 5669.0, 5444.0, 5598.0, 5346.0, 5721.0, 5442.0, 5359.0, 5475.0, 5545.0, 5509.0, 5414.0, 5407.0, 5537.0, 5360.0, 5682.0, 5719.0, 5464.0, 5691.0, 5415.0, 5374.0, 5587.0, 5481.0, 5277.0,

						5623.0, 5300.0, 5400.0, 5469.0, 5607.0, 5343.0, 5386.0, 5430.0, 5493.0, 5619.0, 5419.0, 5546.0, 5266.0, 5311.0, 5363.0, 5345.0, 5451.0, 5276.0, 5297.0, 5474.0, 5562.0, 5684.0, 5572.0, 5365.0, 5390.0, 5596.0, 5703.0, 5630.0, 5468.0, 5651.0, 5550.0, 5627.0, 5391.0, 5527.0, 5480.0, 5453.0, 5440.0, 5438.0, 5579.0, 5477.0, 5600.0, 5427.0, 5578.0, 5626.0, 5654.0, 5294.0, 5312.0, 5406.0, 5667.0, 5641.0, 5521.0, 5540.0, 5307.0, 5473.0, 5450.0, 5497.0, 5501.0, 5295.0, 5448.0, 5625.0, 5683.0, 5612.0, 5331.0, 5504.0, 5605.0, 5664.0, 5678.0, 5485.0, 5416.0, 5610.0 (number of hits: 10)
30	5290	9	1	333	1	5252.0, 5365.0, 5261.0, 5577.0, 5384.0, 5668.0, 5405.0, 5396.0, 5253.0, 5610.0, 5504.0, 5333.0, 5304.0, 5473.0, 5289.0, 5685.0, 5308.0, 5474.0, 5587.0, 5666.0, 5395.0, 5314.0, 5425.0, 5722.0, 5301.0, 5673.0, 5569.0, 5561.0, 5590.0, 5378.0, 5413.0, 5297.0, 5441.0, 5424.0, 5292.0, 5356.0, 5714.0, 5636.0, 5493.0, 5597.0, 5312.0, 5686.0, 5492.0, 5366.0, 5617.0, 5298.0, 5615.0, 5451.0, 5254.0, 5360.0, 5287.0, 5620.0, 5286.0, 5690.0, 5362.0, 5495.0, 5315.0, 5265.0, 5399.0, 5466.0, 5631.0, 5459.0, 5327.0, 5682.0, 5461.0, 5593.0, 5721.0, 5596.0, 5545.0, 5602.0, 5277.0, 5317.0, 5723.0, 5689.0, 5344.0, 5609.0, 5640.0, 5643.0, 5589.0, 5544.0, 5539.0, 5416.0, 5506.0, 5433.0, 5472.0, 5313.0, 5296.0, 5347.0, 5375.0, 5570.0, 5501.0, 5527.0, 5346.0, 5422.0, 5653.0, 5383.0, 5541.0, 5567.0, 5397.0, 5381.0 (number of hits: 22)

5250 MHz, 160 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	76.7 %	60%	Pass
Type 3	30	93.3 %	60%	Pass
Type 4	30	96.7 %	60%	Pass
Aggregate (Type1 to 4)	120	91.7 %	80%	Pass
Type 5	30	96.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

5250 MHz, 160 MHz Bandwidth

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	61	1	878	1
2	5250	92	1	578	1
3	5250	95	1	558	1
4	5250	74	1	718	1
5	5250	76	1	698	1
6	5290	86	1	618	1
7	5290	72	1	738	1
8	5290	68	1	778	1
9	5290	65	1	818	1
10	5290	99	1	538	1
11	5328	57	1	938	1
12	5328	102	1	518	1
13	5328	83	1	638	1
14	5328	58	1	918	1
15	5328	62	1	858	1
16	5250	21	1	2540	1
17	5250	25	1	2131	1
18	5250	102	1	522	1
19	5250	43	1	1228	1
20	5250	40	1	1347	1
21	5290	67	1	789	1
22	5290	30	1	1814	1
23	5290	49	1	1084	1
24	5290	22	1	2415	1
25	5290	40	1	1324	1
26	5328	53	1	1010	1
27	5328	19	1	2860	1
28	5328	24	1	2291	1
29	5328	51	1	1035	1
30	5328	31	1	1707	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	26	1.7	151	1
2	5250	27	2.1	229	1
3	5250	28	2.8	227	1
4	5250	25	3.2	168	1
5	5250	29	3.7	152	1
6	5250	26	2.7	150	1
7	5250	24	3.6	152	1
8	5250	28	1.5	223	1
9	5250	29	2.9	225	1
10	5250	24	3.5	224	1
11	5290	28	1.6	186	1
12	5290	25	1.9	222	0
13	5290	23	4.9	153	1
14	5290	25	4.9	177	1
15	5290	25	1.5	206	1
16	5290	29	4.8	221	0
17	5290	23	2.4	183	1
18	5290	27	4.1	176	0
19	5290	23	4.9	156	1
20	5290	29	3.2	195	1
21	5328	25	4	163	1
22	5328	25	2.3	185	0
23	5328	27	5	160	1
24	5328	29	3.8	192	1
25	5328	24	3.1	200	0
26	5328	28	1.1	221	1
27	5328	28	1.5	171	0
28	5328	24	1.2	167	1
29	5328	23	1.2	165	1
30	5328	27	1.6	168	0
Detection Percentage: 76.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	16	8.1	267	1
2	5250	16	7.7	342	1
3	5250	16	8.7	312	1
4	5250	16	8.3	417	1
5	5250	17	8.9	328	1
6	5250	17	7.8	282	1
7	5250	17	8.5	333	1
8	5250	17	8.3	359	1
9	5250	17	6.3	416	1
10	5250	18	9.9	294	1
11	5290	16	6.3	207	1
12	5290	16	8.6	389	1
13	5290	16	7.6	387	1
14	5290	18	6	428	1
15	5290	17	8.3	482	1
16	5290	17	9.3	383	1
17	5290	18	9.5	428	1
18	5290	17	8.8	294	1
19	5290	17	6.5	428	1
20	5290	16	8.4	365	1
21	5328	18	6.5	458	1
22	5328	17	7.4	302	0
23	5328	17	7.2	486	1
24	5328	18	7.4	317	0
25	5328	16	8.1	357	1
26	5328	16	7.1	354	1
27	5328	18	7	324	1
28	5328	18	7.1	318	1
29	5328	16	8.4	213	1
30	5328	17	8	350	1
Detection Percentage: 93.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	15	14.8	210	1
2	5250	16	18.7	298	1
3	5250	14	20	461	1
4	5250	12	19.5	500	1
5	5250	12	14.1	417	1
6	5250	15	19.2	341	1
7	5250	14	13.6	453	1
8	5250	12	12.3	241	1
9	5250	13	15.4	380	1
10	5250	16	14.7	263	1
11	5290	16	14.2	282	1
12	5290	13	16.5	433	1
13	5290	16	15	469	1
14	5290	15	16.6	398	1
15	5290	16	13.5	373	0
16	5290	14	12.1	346	1
17	5290	14	12.4	285	1
18	5290	16	18.7	488	1
19	5290	16	19.5	343	1
20	5290	12	17.3	360	1
21	5328	12	12.3	279	1
22	5328	16	12.5	227	1
23	5328	15	17.9	328	1
24	5328	15	14.3	414	1
25	5328	12	17.5	481	1
26	5328	15	17.2	346	1
27	5328	16	15.6	226	1
28	5328	14	11.5	261	1
29	5328	15	13.7	310	1
30	5328	16	12.4	447	1
Detection Percentage: 96.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5260	1
11	5252.4	1
12	5256.0	1
13	5254.0	1
14	5257.6	0
15	5252.8	1
16	5257.6	1
17	5255.2	1
18	5258.0	1
19	5255.2	1
20	5256.8	1
21	5323.2	1
22	5324.4	1
23	5325.6	1
24	5320.8	1
25	5322.4	1
26	5325.2	1
27	5322.8	1
28	5320.8	1
29	5323.2	1
30	5324.8	1
Detection Percentage: 96.7 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	82.6	1103	1347	0.139305	
1	3	16	79.9	1192	1075	1.257171	
2	1	16	98.3			1.888737	
3	2	16	53	1179		2.444008	
4	2	16	78	1090		2.823837	
5	1	16	52.4			3.369593	
6	2	16	89.8	1923		4.066898	
7	3	16	59.6	1387	1695	4.833687	
8	2	16	66	1780		5.47966	
9	2	16	86.2	1260		6.025409	1
10	2	16	59.1	1763		6.919477	
11	2	16	73.1	1180		7.167152	
12	2	16	67.6	1191		7.969977	
13	2	16	55.5	1499		8.425523	
14	2	16	74.6	1731		8.920221	
15	2	16	73.6	1944		9.81509	
16	1	16	99.6			10.314096	
17	2	16	65.1	1498		11.335976	
18	1	16	54.5			11.690383	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	83.7			0.223674	1
1	3	6	80.9	1925	1608	1.808734	
2	2	6	97.7	1974		2.955577	
3	2	6	58.7	1946		3.762943	
4	2	6	63.5	1077		4.6877	
5	2	6	51.7	1906		5.38054	
6	3	6	62.9	1147	1447	6.50405	
7	2	6	82.5	1860		7.188047	
8	2	6	50.5	1989		8.573474	
9	1	6	78.5			9.121642	
10	1	6	79.1			10.090491	
11	2	6	50.6	1531		11.784184	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	72.7	1026	1519	0.59326	1
1	1	8	62.8			1.314395	
2	3	8	91.5	1629	1332	2.641775	
3	2	8	75.6	1907		3.02742	
4	2	8	69	1067		3.983473	
5	2	8	94.6	1650		5.002269	
6	2	8	95.4	1603		6.173959	
7	2	8	99.8	1599		6.741265	
8	2	8	68.1	1710		7.814776	
9	2	8	92.9	1872		8.436523	
10	3	8	56.9	1804	1869	9.423696	
11	1	8	85.9			10.897387	
12	2	8	77.7	1574		11.855325	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	89.7	1680	1554	0.798571	1
1	3	10	72.4	1650	1114	1.965048	
2	3	10	71.8	1995	1361	2.125791	
3	1	10	68.8			3.744761	
4	2	10	89.7	1449		4.183692	
5	3	10	78.9	1783	1719	5.727247	
6	3	10	73.8	1822	1417	6.007996	
7	2	10	76.2	1919		7.735804	
8	2	10	87.7	1310		8.893293	
9	3	10	79.8	1223	1081	9.90511	
10	3	10	61.9	1006	1431	10.488538	
11	1	10	56.1			11.598044	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	86.4			0.468844	1
1	1	6	99.6			1.236334	
2	2	6	80.5	1763		3.481566	
3	3	6	51	1658	1090	4.616881	
4	3	6	62.7	1987	1923	4.92508	
5	2	6	73.7	1177		6.223218	
6	2	6	89.2	1541		7.612288	
7	3	6	64.9	1283	1785	8.412606	
8	2	6	56.7	1665		10.355925	
9	2	6	63.4	1043		11.107466	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	68.7	1897		0.593713	1
1	1	10	87.9			1.235387	
2	2	10	78.4	1221		2.657677	
3	3	10	52.4	1800	1379	3.051287	
4	2	10	91.9	1284		4.265041	
5	1	10	81.9			5.299334	
6	1	10	76.3			6.345908	
7	3	10	66.6	1031	1195	7.166918	
8	2	10	72.1	1580		7.839411	
9	2	10	66.8	1346		9.022583	
10	2	10	81.3	1219		9.40074	
11	3	10	86	1918	1917	10.1912	
12	3	10	75.7	1363	1670	11.273254	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	96	1915		0.500668	1
1	3	8	95.6	1327	1222	0.866069	
2	2	8	80.4	1545		2.021088	
3	2	8	95	1909		3.291019	
4	2	8	95.4	1819		4.121104	
5	3	8	60.5	1990	1115	4.853847	
6	2	8	77.4	1575		5.311804	
7	3	8	65.7	1593	1500	6.270255	
8	1	8	63.3			7.69346	
9	2	8	80.2	1756		7.863471	
10	2	8	75.5	1452		8.940294	
11	1	8	75.6			9.945391	
12	2	8	72	1311		10.657582	
13	2	8	100	1080		11.209941	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	70.1	1633		0.053735	1
1	1	12	81.2			1.080175	
2	2	12	96.6	1598		1.921987	
3	2	12	99.1	1369		2.403667	
4	2	12	55.5	1544		3.014022	
5	3	12	51.8	1476	1221	4.337473	
6	2	12	93.7	1913		4.590838	
7	3	12	53.7	1688	1872	5.820964	
8	3	12	81.2	1437	1958	6.632071	
9	3	12	92.1	1384	1854	7.480623	
10	3	12	99.1	1993	1912	8.116498	
11	2	12	83.2	1801		8.80586	
12	2	12	71.2	1713		9.041045	
13	2	12	53.1	1100		9.87579	
14	3	12	61.6	1784	1173	10.694008	
15	2	12	53.5	1644		11.550333	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	64.7	1594		0.524137	1
1	3	14	52.6	1561	1948	1.007473	
2	2	14	85.9	1165		1.745967	
3	1	14	89.7			2.966304	
4	1	14	59.2			3.597079	
5	1	14	75			4.120108	
6	2	14	61.5	1631		4.731107	
7	1	14	58.6			5.938585	
8	2	14	73.2	1804		6.421572	
9	2	14	57.4	1189		7.257546	
10	3	14	96.3	1808	1864	7.6644	
11	2	14	92.1	1182		8.664817	
12	1	14	78			9.639067	
13	3	14	57.4	1069	1379	10.387517	
14	3	14	92.1	1329	1248	11.192834	
15	3	14	60.5	1562	1445	11.572371	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	61.2			0.299784	1
1	3	8	59	1568	1631	0.937532	
2	2	8	76.7	1577		1.416434	
3	2	8	93.1	1590		2.627107	
4	1	8	69.7			2.911459	
5	2	8	56.6	1858		3.513677	
6	3	8	99.3	1467	1510	4.223017	
7	2	8	52.2	1912		4.782447	
8	2	8	95.5	1560		5.928417	
9	2	8	66.1	1020		6.218536	
10	1	8	79.5			7.292823	
11	1	8	96.6			7.488837	
12	2	8	54.8	1961		8.188147	
13	3	8	77.4	1620	1466	9.198263	
14	2	8	80	1141		9.985105	
15	2	8	71.2	1265		10.41344	
16	1	8	59.5			10.828857	
17	3	8	58.5	1148	1085	11.743839	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	71.4	1987		0.063902	1
1	2	6	52.7	1643		1.443042	
2	3	6	54.9	1184	1613	2.007369	
3	2	6	71.6	1447		2.404589	
4	1	6	97			3.856885	
5	3	6	68	1001	1759	4.583232	
6	3	6	73.3	1418	1370	5.210663	
7	2	6	80.4	1369		5.666549	
8	2	6	94	1489		6.938612	
9	2	6	71	1730		7.28295	
10	2	6	80.4	1607		8.482524	
11	3	6	93.5	1860	1274	9.405644	
12	3	6	58.8	1525	1692	9.956404	
13	1	6	92.3			11.07099	
14	1	6	76.5			11.714525	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	54.6			0.476435	
1	2	15	55.2	1508		1.265238	
2	1	15	63.1			2.371057	
3	1	15	84.2			3.360635	
4	3	15	60.8	1103	1010	5.251026	
5	2	15	83.4	1139		5.735747	1
6	2	15	87.2	1665		7.097414	
7	1	15	80.2			7.879036	
8	2	15	65.3	1343		9.760954	
9	2	15	89.7	1900		9.862425	
10	2	15	53.3	1782		11.134751	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	86.4	1765		0.036151	
1	2	10	64.3	1283		1.143969	
2	1	10	79.3			1.716115	
3	3	10	86.8	1510	1975	2.40762	
4	1	10	63.5			3.863384	
5	1	10	88.4			4.676078	
6	1	10	64.9			5.382225	
7	2	10	52.1	1724		5.832449	1
8	2	10	55	1685		6.846298	
9	1	10	77			7.371674	
10	2	10	68.1	1875		8.090248	
11	3	10	88.9	1968	1279	8.894674	
12	2	10	55.4	1992		10.259664	
13	2	10	87.9	1899		10.442344	
14	2	10	82.9	1333		11.799989	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	59	1022		0.44947	0
1	3	19	76.4	1611	1029	1.001021	
2	1	19	87.6			1.744683	
3	2	19	69.3	1273		3.079402	
4	1	19	85.7			3.350584	
5	2	19	94.6	1277		4.245525	
6	3	19	87.7	1383	1868	5.312373	
7	2	19	62	1101		5.626466	
8	3	19	62.7	1891	1113	6.429727	
9	2	19	65.3	1313		7.393974	
10	2	19	75.1	1463		8.791358	
11	3	19	55.2	1526	1935	9.052187	
12	1	19	80.8			10.3291	
13	3	19	97.9	1173	1764	10.506767	
14	3	19	88.9	1653	1760	11.419774	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	51.6	1069	1426	0.835347	1
1	3	7	88.5	1426	1306	1.185109	
2	1	7	64.4			1.88247	
3	3	7	68.1	1286	1255	2.720678	
4	2	7	94.2	1198		4.115138	
5	1	7	76.8			4.624479	
6	2	7	63.4	1050		5.638346	
7	3	7	95	1178	1157	6.487912	
8	3	7	65.5	1859	1682	7.023334	
9	1	7	53.1			8.416761	
10	1	7	84.2			9.179581	
11	1	7	92.5			9.858125	
12	2	7	74.8	1925		10.627891	
13	3	7	74.8	1845	1724	11.63939	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	93.6	1388	1277	0.372762	1
1	2	19	87.5	1705		1.499985	
2	2	19	79.2	1944		2.908973	
3	1	19	66.2			3.717804	
4	1	19	68.6			4.306349	
5	2	19	87.3	1328		5.005781	
6	3	19	96.2	1119	1782	6.68176	
7	2	19	83.6	1012		7.211407	
8	2	19	97.7	1030		8.922723	
9	2	19	79.1	1681		9.973088	
10	1	19	71.1			10.369008	
11	3	19	64.2	1796	1262	11.35548	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	71.5	1897		0.723502	
1	2	13	62.4	1875		1.291799	
2	2	13	58.8	1786		2.220017	
3	2	13	95.9	1493		2.414252	
4	2	13	84.3	1561		3.493086	
5	2	13	63.2	1557		4.482428	
6	3	13	77.1	1908	1767	4.897204	
7	1	13	69.1			5.670152	1
8	3	13	53.8	1052	1151	6.912069	
9	2	13	96.3	1194		7.829426	
10	2	13	94.3	1535		8.170936	
11	2	13	57.7	1357		9.392135	
12	2	13	84.9	1379		10.146726	
13	2	13	54.8	1948		10.502194	
14	3	13	53.4	1199	1979	11.895261	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	78.2	1677		0.043591	
1	2	20	88.7	1190		1.207485	
2	2	20	70.9	1220		2.210632	
3	3	20	92.4	1093	1881	2.50142	
4	3	20	92.3	1946	1424	3.3551	
5	2	20	96.6	1557		4.351191	
6	2	20	90	1212		4.869314	
7	1	20	91.1			5.762977	
8	2	20	69.3	1879		6.548558	1
9	3	20	93.6	1252	1383	7.159736	
10	2	20	72.2	1435		7.758611	
11	1	20	76.7			8.856671	
12	2	20	91.4	1138		9.390489	
13	3	20	95.9	1811	1090	10.096746	
14	2	20	64.4	1922		10.767716	
15	3	20	75.1	1275	1717	11.329513	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	95.9	1555	1595	0.403844	
1	2	13	70.3	1599		1.026949	
2	3	13	98.6	1534	1711	1.803054	
3	2	13	86.9	1361		2.126155	
4	1	13	53.6			3.253608	
5	2	13	53.4	1230		3.555757	
6	3	13	65.9	1536	1713	4.807862	
7	2	13	97.8	1036		5.570607	
8	1	13	78.5			6.306337	1
9	1	13	89.3			6.446296	
10	2	13	59.8	1450		7.113438	
11	2	13	67.7	1295		7.880947	
12	2	13	65.2	1868		8.693665	
13	2	13	80	1645		9.778571	
14	2	13	78.2	1202		10.397254	
15	2	13	89.1	1436		11.051315	
16	1	13	61.4			11.74741	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	53.5	1540		0.608743	
1	2	17	98.9	1999		1.166226	
2	1	17	70.9			1.724603	
3	3	17	91.9	1924	1179	2.733248	
4	3	17	58.3	1577	1642	3.269222	
5	1	17	80.5			4.019814	
6	1	17	79.7			4.375087	
7	1	17	54			5.637824	
8	1	17	66.2			5.674851	1
9	2	17	59.6	1533		6.689139	
10	3	17	72.7	1333	1212	7.75572	
11	1	17	97.6			7.776715	
12	1	17	86.2			8.828185	
13	3	17	53	1750	1873	9.443302	
14	2	17	53.9	1042		10.138444	
15	1	17	51.4			11.074189	
16	2	17	97	1668		11.478695	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	86.5	1224	1762	0.35387	1
1	2	12	96.4	1632		1.520571	
2	1	12	91.5			2.014202	
3	2	12	58.5	1043		3.259068	
4	3	12	67.7	1592	1448	4.275181	
5	2	12	75.9	1159		5.778932	
6	3	12	79.2	1612	1746	6.812672	
7	3	12	76.9	1657	1863	7.826003	
8	2	12	66.2	1581		8.954881	
9	2	12	54.3	1780		9.216501	
10	2	12	59.3	1935		10.744948	
11	2	12	92.3	1857		11.368451	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	81.9	1523		0.157783	1
1	2	9	66.3	1310		0.777583	
2	2	9	70.4	1857		1.754545	
3	2	9	79.8	1771		2.354218	
4	1	9	56.3			2.943026	
5	1	9	76.3			3.914027	
6	2	9	73.7	1164		4.372564	
7	1	9	98			5.586391	
8	3	9	77.6	1894	1537	5.837844	
9	2	9	52.5	1357		6.465396	
10	2	9	95.4	1046		7.573478	
11	2	9	97.5	1963		8.102987	
12	3	9	72.7	1031	1407	8.718	
13	2	9	59.8	1867		9.445909	
14	2	9	93	1672		9.957284	
15	1	9	63.3			11.242359	
16	2	9	67.1	1048		11.536619	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	81			0.512377	
1	2	6	61.5	1290		1.009064	
2	3	6	63.1	1643	1528	1.565271	
3	3	6	85.8	1066	1329	2.449167	
4	2	6	97.9	1725		2.531399	
5	1	6	70.4			3.521379	
6	2	6	67	1164		4.196251	
7	1	6	78.6			5.003469	
8	3	6	83.4	1305	1109	5.177701	
9	2	6	94.7	1985		6.23914	1
10	1	6	92.7			6.924428	
11	2	6	61.7	1895		7.018421	
12	1	6	84.7			7.653652	
13	1	6	99.2			8.735101	
14	1	6	81.6			9.395382	
15	2	6	95.4	1708		9.690357	
16	2	6	77.8	1867		10.651527	
17	2	6	89	1446		11.349963	
18	3	6	57.2	1345	1644	11.938252	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	90			0.114192	
1	3	18	94.8	1813	1996	1.055604	
2	2	18	95.5	1401		2.21254	
3	2	18	57	1580		3.014182	
4	3	18	92.5	1848	1351	3.962542	
5	3	18	99.8	1211	1020	4.027227	
6	2	18	50.4	1745		5.480337	
7	2	18	52.8	1921		6.013359	1
8	3	18	61.9	1987	1978	6.726694	
9	3	18	89.1	1006	1717	7.806712	
10	2	18	71.5	1557		8.461714	
11	2	18	88.3	1407		8.830391	
12	1	18	98.1			9.937801	
13	3	18	63.2	1243	1131	10.875713	
14	2	18	72.4	1795		11.488969	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	63.1	1188		0.444986	
1	1	14	73.5			0.97229	
2	1	14	93.8			2.411791	
3	1	14	72.2			3.250719	
4	2	14	59.2	1082		3.842197	
5	2	14	74.9	1183		4.763284	
6	2	14	69.1	1311		5.505785	
7	3	14	91.2	1838	1194	6.531885	1
8	3	14	55	1113	1011	7.350731	
9	2	14	86.5	1596		8.304917	
10	2	14	81.1	1173		8.80646	
11	2	14	68.2	1591		9.491998	
12	2	14	57.2	1311		10.521111	
13	2	14	84.8	1754		11.36011	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	72.7	1148	1108	0.298904	1
1	3	7	85.7	1165	1349	1.962821	
2	1	7	93.4			2.719401	
3	2	7	65.6	1343		4.09768	
4	2	7	70.9	1419		5.245591	
5	2	7	97.1	1637		6.796024	
6	3	7	57.6	1938	1696	7.840111	
7	1	7	90.7			8.471134	
8	1	7	70.1			10.54855	
9	2	7	93.5	1619		11.132561	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	54.9	1176		0.507046	1
1	2	13	60.5	1434		1.764615	
2	1	13	98.1			2.483672	
3	1	13	56			3.55562	
4	1	13	57.9			4.510745	
5	1	13	97.7			6.327378	
6	1	13	75.8			7.026673	
7	2	13	61.2	1992		8.257794	
8	3	13	91.5	1547	1600	9.525688	
9	2	13	60.8	1361		10.649576	
10	2	13	61.7	1737		11.134246	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	69.2	1856		0.120528	1
1	3	18	76	1922	1587	1.493704	
2	2	18	77.4	1128		1.909604	
3	3	18	51.6	1308	1200	2.770911	
4	1	18	85.4			3.879871	
5	2	18	79.1	1643		4.55278	
6	3	18	91.5	1953	1934	5.856554	
7	3	18	62.8	1668	1835	6.301728	
8	2	18	87.5	1522		6.94574	
9	2	18	72.6	1156		7.853454	
10	2	18	58.2	1616		9.320847	
11	2	18	86.5	1666		10.129438	
12	1	18	92.6			10.520145	
13	3	18	97.5	1398	1106	11.672285	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	63.9			0.577618	1
1	2	12	50.2	1121		1.146786	
2	2	12	92.3	1080		1.689617	
3	2	12	51.9	1825		2.324844	
4	2	12	85.4	1284		3.136828	
5	1	12	63			3.40115	
6	2	12	85.9	1534		4.007757	
7	2	12	87.8	1269		5.23469	
8	2	12	59.2	1672		5.628267	
9	3	12	90.7	1085	1849	6.469253	
10	3	12	75.9	1494	1101	7.254694	
11	3	12	56.8	1543	1750	7.372144	
12	3	12	67.6	1907	1069	8.502829	
13	2	12	95.1	1479		8.875873	
14	2	12	50.2	1318		9.988197	
15	2	12	78.8	1357		10.148923	
16	2	12	91.8	1925		10.71362	
17	3	12	50.3	1101	1791	11.911003	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	91.6	1271		0.743283	1
1	2	8	74.4	1690		0.853433	
2	2	8	94.2	1854		2.20105	
3	2	8	87.6	1197		2.864857	
4	2	8	59.2	1367		3.13305	
5	1	8	80.2			3.775554	
6	2	8	77.7	1405		5.041219	
7	2	8	98.7	1418		5.771746	
8	1	8	71.3			6.347153	
9	1	8	88.1			6.917307	
10	1	8	77			7.997832	
11	1	8	96.8			8.403175	
12	2	8	71.1	1197		9.270793	
13	1	8	68.1			10.201337	
14	3	8	95.9	1455	1912	11.026678	
15	1	8	87.7			11.824919	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5428.0, 5446.0, 5539.0, 5658.0, 5582.0, 5420.0, 5272.0, 5558.0, 5489.0, 5515.0, 5418.0, 5594.0, 5626.0, 5317.0, 5391.0, 5549.0, 5335.0, 5692.0, 5517.0, 5392.0, 5602.0, 5634.0, 5488.0, 5542.0, 5375.0, 5281.0, 5686.0, 5615.0, 5694.0, 5373.0, 5643.0, 5510.0, 5697.0, 5419.0, 5396.0, 5624.0, 5467.0, 5278.0, 5560.0, 5635.0, 5444.0, 5557.0, 5553.0, 5432.0, 5607.0, 5447.0, 5705.0, 5310.0, 5610.0, 5530.0, 5325.0, 5431.0, 5487.0, 5636.0, 5724.0, 5490.0, 5671.0, 5363.0, 5645.0, 5461.0, 5324.0, 5516.0, 5508.0, 5673.0, 5474.0, 5451.0, 5313.0, 5350.0, 5273.0, 5443.0, 5653.0, 5708.0, 5471.0, 5469.0, 5606.0, 5270.0, 5535.0, 5414.0, 5559.0, 5267.0, 5381.0, 5580.0, 5717.0, 5644.0, 5505.0, 5660.0, 5502.0, 5442.0, 5338.0, 5722.0, 5445.0, 5304.0, 5642.0, 5656.0, 5573.0, 5589.0, 5538.0, 5412.0, 5711.0, 5367.0 (number of hits: 12)
2	5290	9	1	333	1	5349.0, 5403.0, 5559.0, 5382.0, 5393.0, 5452.0, 5721.0, 5606.0, 5494.0, 5419.0, 5651.0, 5319.0, 5255.0, 5629.0, 5336.0, 5263.0, 5423.0, 5545.0, 5325.0, 5713.0, 5507.0, 5364.0, 5269.0, 5406.0, 5662.0, 5251.0, 5386.0, 5620.0, 5311.0, 5434.0, 5395.0, 5398.0, 5281.0, 5702.0, 5337.0, 5515.0, 5316.0, 5535.0, 5444.0, 5302.0, 5321.0, 5550.0, 5328.0, 5632.0, 5514.0, 5274.0, 5436.0, 5388.0, 5506.0, 5356.0, 5371.0, 5611.0, 5351.0, 5323.0, 5310.0, 5536.0, 5470.0, 5649.0, 5599.0, 5487.0, 5615.0, 5705.0, 5603.0, 5708.0, 5527.0, 5556.0, 5575.0, 5373.0, 5664.0, 5439.0, 5362.0, 5421.0, 5495.0, 5694.0, 5378.0, 5577.0, 5691.0, 5466.0, 5579.0, 5698.0, 5580.0, 5299.0, 5300.0, 5446.0, 5405.0, 5542.0, 5670.0, 5428.0, 5609.0, 5431.0, 5619.0, 5690.0, 5567.0, 5340.0, 5381.0, 5253.0, 5525.0, 5612.0, 5265.0, 5271.0 (number of hits: 18)
3	5290	9	1	333	1	5527.0, 5300.0, 5575.0, 5456.0, 5284.0, 5571.0, 5404.0, 5328.0, 5278.0, 5714.0, 5291.0, 5357.0, 5346.0, 5489.0, 5461.0, 5557.0, 5543.0, 5429.0, 5550.0, 5312.0, 5463.0, 5331.0, 5381.0, 5606.0, 5255.0, 5444.0, 5574.0, 5349.0, 5696.0, 5296.0, 5644.0, 5293.0, 5610.0, 5374.0, 5620.0, 5657.0, 5573.0, 5420.0, 5536.0, 5399.0, 5603.0, 5670.0, 5372.0, 5509.0, 5315.0, 5623.0, 5596.0, 5483.0, 5524.0, 5675.0, 5649.0, 5343.0, 5475.0, 5722.0, 5441.0, 5631.0, 5651.0, 5369.0, 5690.0, 5597.0,

						5580.0, 5410.0, 5654.0, 5421.0, 5304.0, 5552.0, 5277.0, 5416.0, 5718.0, 5692.0, 5424.0, 5721.0, 5408.0, 5254.0, 5498.0, 5459.0, 5481.0, 5612.0, 5307.0, 5311.0, 5412.0, 5599.0, 5324.0, 5614.0, 5352.0, 5455.0, 5387.0, 5365.0, 5707.0, 5445.0, 5327.0, 5451.0, 5457.0, 5460.0, 5268.0, 5704.0, 5286.0, 5439.0, 5436.0, 5540.0 (number of hits: 18)
4	5290	9	1	333	1	5327.0, 5577.0, 5455.0, 5656.0, 5281.0, 5477.0, 5675.0, 5299.0, 5440.0, 5303.0, 5381.0, 5544.0, 5594.0, 5313.0, 5518.0, 5608.0, 5467.0, 5721.0, 5307.0, 5339.0, 5463.0, 5636.0, 5366.0, 5686.0, 5277.0, 5397.0, 5555.0, 5639.0, 5533.0, 5704.0, 5635.0, 5590.0, 5263.0, 5579.0, 5483.0, 5280.0, 5349.0, 5449.0, 5361.0, 5716.0, 5678.0, 5324.0, 5340.0, 5665.0, 5644.0, 5695.0, 5627.0, 5527.0, 5658.0, 5392.0, 5411.0, 5480.0, 5676.0, 5382.0, 5367.0, 5541.0, 5262.0, 5498.0, 5370.0, 5436.0, 5342.0, 5615.0, 5696.0, 5341.0, 5530.0, 5673.0, 5612.0, 5323.0, 5507.0, 5404.0, 5403.0, 5462.0, 5581.0, 5286.0, 5492.0, 5645.0, 5515.0, 5396.0, 5424.0, 5632.0, 5628.0, 5547.0, 5625.0, 5439.0, 5344.0, 5373.0, 5520.0, 5354.0, 5276.0, 5714.0, 5301.0, 5532.0, 5254.0, 5416.0, 5425.0, 5336.0, 5329.0, 5630.0, 5353.0, 5271.0 (number of hits: 17)
5	5290	9	1	333	1	5282.0, 5263.0, 5542.0, 5302.0, 5669.0, 5259.0, 5299.0, 5613.0, 5614.0, 5411.0, 5369.0, 5349.0, 5482.0, 5312.0, 5285.0, 5674.0, 5401.0, 5687.0, 5531.0, 5619.0, 5630.0, 5480.0, 5495.0, 5346.0, 5343.0, 5508.0, 5459.0, 5290.0, 5354.0, 5638.0, 5640.0, 5707.0, 5636.0, 5331.0, 5447.0, 5325.0, 5541.0, 5357.0, 5463.0, 5654.0, 5261.0, 5697.0, 5716.0, 5610.0, 5304.0, 5489.0, 5651.0, 5313.0, 5576.0, 5279.0, 5378.0, 5265.0, 5468.0, 5527.0, 5504.0, 5294.0, 5625.0, 5580.0, 5453.0, 5514.0, 5705.0, 5384.0, 5409.0, 5420.0, 5251.0, 5575.0, 5350.0, 5597.0, 5679.0, 5421.0, 5398.0, 5485.0, 5322.0, 5691.0, 5519.0, 5714.0, 5280.0, 5356.0, 5616.0, 5390.0, 5548.0, 5530.0, 5579.0, 5701.0, 5615.0, 5326.0, 5301.0, 5703.0, 5661.0, 5677.0, 5281.0, 5502.0, 5387.0, 5252.0, 5708.0, 5549.0, 5629.0, 5546.0, 5501.0, 5428.0 (number of hits: 21)
6	5290	9	1	333	1	5399.0, 5521.0, 5285.0, 5519.0, 5604.0, 5569.0, 5435.0, 5488.0, 5620.0, 5384.0, 5688.0, 5330.0, 5677.0, 5383.0, 5318.0, 5356.0, 5693.0, 5335.0, 5378.0, 5349.0, 5281.0, 5308.0, 5685.0, 5710.0, 5284.0, 5448.0, 5317.0, 5614.0, 5640.0, 5261.0, 5638.0, 5474.0, 5447.0, 5560.0, 5416.0, 5394.0, 5283.0, 5270.0, 5502.0, 5663.0, 5485.0, 5545.0, 5695.0, 5441.0, 5426.0,

						5455.0, 5672.0, 5252.0, 5666.0, 5527.0, 5316.0, 5526.0, 5440.0, 5627.0, 5297.0, 5404.0, 5541.0, 5591.0, 5271.0, 5292.0, 5396.0, 5314.0, 5486.0, 5518.0, 5324.0, 5507.0, 5691.0, 5406.0, 5275.0, 5558.0, 5402.0, 5251.0, 5346.0, 5478.0, 5450.0, 5298.0, 5424.0, 5303.0, 5683.0, 5553.0, 5363.0, 5409.0, 5374.0, 5370.0, 5594.0, 5692.0, 5606.0, 5437.0, 5352.0, 5499.0, 5287.0, 5483.0, 5623.0, 5295.0, 5706.0, 5433.0, 5429.0, 5566.0, 5338.0, 5665.0 (number of hits: 21)
7	5290	9	1	333	1	5347.0, 5634.0, 5486.0, 5685.0, 5655.0, 5546.0, 5358.0, 5385.0, 5672.0, 5724.0, 5651.0, 5649.0, 5293.0, 5439.0, 5370.0, 5369.0, 5653.0, 5445.0, 5408.0, 5611.0, 5529.0, 5455.0, 5413.0, 5547.0, 5371.0, 5527.0, 5491.0, 5583.0, 5360.0, 5339.0, 5509.0, 5654.0, 5721.0, 5403.0, 5696.0, 5303.0, 5463.0, 5375.0, 5534.0, 5368.0, 5573.0, 5451.0, 5399.0, 5407.0, 5315.0, 5409.0, 5420.0, 5352.0, 5300.0, 5340.0, 5539.0, 5525.0, 5285.0, 5526.0, 5332.0, 5356.0, 5453.0, 5305.0, 5426.0, 5640.0, 5703.0, 5292.0, 5291.0, 5695.0, 5380.0, 5366.0, 5287.0, 5450.0, 5669.0, 5631.0, 5365.0, 5383.0, 5467.0, 5575.0, 5379.0, 5262.0, 5256.0, 5588.0, 5682.0, 5346.0, 5323.0, 5396.0, 5421.0, 5476.0, 5564.0, 5659.0, 5619.0, 5472.0, 5537.0, 5606.0, 5314.0, 5646.0, 5665.0, 5577.0, 5252.0, 5616.0, 5425.0, 5328.0, 5386.0, 5269.0 (number of hits: 15)
8	5290	9	1	333	1	5532.0, 5416.0, 5508.0, 5439.0, 5636.0, 5657.0, 5513.0, 5541.0, 5538.0, 5664.0, 5464.0, 5704.0, 5658.0, 5643.0, 5578.0, 5593.0, 5550.0, 5511.0, 5549.0, 5471.0, 5494.0, 5659.0, 5621.0, 5688.0, 5405.0, 5624.0, 5434.0, 5362.0, 5686.0, 5298.0, 5370.0, 5712.0, 5676.0, 5357.0, 5279.0, 5380.0, 5719.0, 5653.0, 5452.0, 5377.0, 5555.0, 5651.0, 5546.0, 5294.0, 5475.0, 5579.0, 5478.0, 5612.0, 5255.0, 5561.0, 5605.0, 5456.0, 5619.0, 5349.0, 5410.0, 5713.0, 5273.0, 5390.0, 5320.0, 5542.0, 5556.0, 5305.0, 5392.0, 5427.0, 5618.0, 5476.0, 5574.0, 5488.0, 5315.0, 5278.0, 5350.0, 5545.0, 5570.0, 5403.0, 5721.0, 5568.0, 5336.0, 5647.0, 5274.0, 5585.0, 5608.0, 5339.0, 5571.0, 5516.0, 5529.0, 5258.0, 5635.0, 5629.0, 5316.0, 5470.0, 5690.0, 5406.0, 5473.0, 5461.0, 5433.0, 5681.0, 5458.0, 5344.0, 5438.0, 5360.0 (number of hits: 12)
9	5290	9	1	333	1	5484.0, 5662.0, 5691.0, 5601.0, 5344.0, 5406.0, 5281.0, 5587.0, 5571.0, 5336.0, 5518.0, 5609.0, 5269.0, 5600.0, 5655.0, 5693.0, 5358.0, 5533.0, 5504.0, 5489.0, 5475.0, 5279.0, 5328.0, 5444.0, 5618.0, 5507.0, 5321.0, 5528.0, 5492.0, 5570.0,

						5621.0, 5494.0, 5497.0, 5548.0, 5651.0, 5265.0, 5372.0, 5558.0, 5441.0, 5375.0, 5485.0, 5584.0, 5694.0, 5502.0, 5447.0, 5462.0, 5437.0, 5597.0, 5469.0, 5275.0, 5416.0, 5591.0, 5604.0, 5405.0, 5428.0, 5266.0, 5460.0, 5280.0, 5329.0, 5588.0, 5624.0, 5658.0, 5598.0, 5549.0, 5701.0, 5463.0, 5373.0, 5324.0, 5503.0, 5442.0, 5476.0, 5464.0, 5553.0, 5516.0, 5706.0, 5471.0, 5625.0, 5253.0, 5455.0, 5564.0, 5409.0, 5610.0, 5683.0, 5646.0, 5718.0, 5318.0, 5559.0, 5544.0, 5389.0, 5297.0, 5474.0, 5381.0, 5415.0, 5632.0, 5435.0, 5285.0, 5417.0, 5362.0, 5629.0, 5713.0 (number of hits: 13)
10	5290	9	1	333	1	5677.0, 5418.0, 5266.0, 5646.0, 5289.0, 5590.0, 5673.0, 5641.0, 5516.0, 5405.0, 5569.0, 5523.0, 5638.0, 5630.0, 5548.0, 5394.0, 5678.0, 5285.0, 5527.0, 5318.0, 5661.0, 5581.0, 5290.0, 5437.0, 5280.0, 5457.0, 5256.0, 5669.0, 5264.0, 5500.0, 5686.0, 5424.0, 5705.0, 5451.0, 5663.0, 5578.0, 5528.0, 5302.0, 5664.0, 5327.0, 5392.0, 5554.0, 5442.0, 5535.0, 5278.0, 5586.0, 5355.0, 5609.0, 5584.0, 5468.0, 5389.0, 5417.0, 5489.0, 5434.0, 5636.0, 5553.0, 5672.0, 5543.0, 5544.0, 5291.0, 5488.0, 5461.0, 5499.0, 5446.0, 5524.0, 5681.0, 5692.0, 5402.0, 5397.0, 5312.0, 5577.0, 5665.0, 5426.0, 5311.0, 5582.0, 5566.0, 5383.0, 5413.0, 5456.0, 5315.0, 5342.0, 5336.0, 5320.0, 5250.0, 5711.0, 5335.0, 5716.0, 5305.0, 5478.0, 5505.0, 5436.0, 5380.0, 5409.0, 5455.0, 5534.0, 5345.0, 5475.0, 5401.0, 5701.0, 5633.0 (number of hits: 17)
11	5290	9	1	333	1	5617.0, 5321.0, 5367.0, 5718.0, 5433.0, 5415.0, 5376.0, 5549.0, 5441.0, 5517.0, 5315.0, 5558.0, 5522.0, 5547.0, 5338.0, 5531.0, 5472.0, 5635.0, 5633.0, 5648.0, 5694.0, 5481.0, 5393.0, 5471.0, 5346.0, 5263.0, 5690.0, 5267.0, 5618.0, 5438.0, 5610.0, 5332.0, 5534.0, 5499.0, 5304.0, 5528.0, 5701.0, 5351.0, 5350.0, 5693.0, 5716.0, 5605.0, 5436.0, 5565.0, 5302.0, 5370.0, 5561.0, 5592.0, 5319.0, 5636.0, 5688.0, 5407.0, 5475.0, 5518.0, 5306.0, 5495.0, 5362.0, 5387.0, 5703.0, 5358.0, 5629.0, 5296.0, 5640.0, 5399.0, 5691.0, 5345.0, 5581.0, 5597.0, 5719.0, 5721.0, 5676.0, 5402.0, 5268.0, 5613.0, 5348.0, 5360.0, 5575.0, 5505.0, 5317.0, 5341.0, 5254.0, 5609.0, 5501.0, 5507.0, 5484.0, 5292.0, 5606.0, 5496.0, 5487.0, 5466.0, 5628.0, 5383.0, 5316.0, 5607.0, 5255.0, 5291.0, 5412.0, 5664.0, 5283.0, 5596.0 (number of hits: 17)
12	5290	9	1	333	1	5281.0, 5669.0, 5635.0, 5659.0, 5426.0, 5620.0, 5383.0, 5647.0, 5291.0, 5366.0, 5601.0, 5544.0, 5642.0, 5645.0, 5704.0,

						5676.0, 5378.0, 5341.0, 5509.0, 5303.0, 5693.0, 5456.0, 5665.0, 5451.0, 5670.0, 5304.0, 5393.0, 5316.0, 5326.0, 5290.0, 5537.0, 5694.0, 5487.0, 5408.0, 5282.0, 5455.0, 5329.0, 5403.0, 5347.0, 5713.0, 5379.0, 5640.0, 5321.0, 5661.0, 5374.0, 5293.0, 5653.0, 5306.0, 5516.0, 5450.0, 5711.0, 5274.0, 5607.0, 5545.0, 5289.0, 5610.0, 5634.0, 5660.0, 5673.0, 5571.0, 5323.0, 5401.0, 5474.0, 5471.0, 5628.0, 5724.0, 5389.0, 5299.0, 5312.0, 5419.0, 5301.0, 5365.0, 5375.0, 5621.0, 5259.0, 5265.0, 5482.0, 5574.0, 5698.0, 5260.0, 5605.0, 5577.0, 5461.0, 5650.0, 5627.0, 5336.0, 5494.0, 5425.0, 5371.0, 5579.0, 5324.0, 5399.0, 5488.0, 5415.0, 5718.0, 5343.0, 5520.0, 5702.0, 5333.0, 5418.0 (number of hits: 21)
13	5290	9	1	333	1	5304.0, 5704.0, 5298.0, 5593.0, 5666.0, 5440.0, 5449.0, 5277.0, 5673.0, 5599.0, 5387.0, 5402.0, 5559.0, 5710.0, 5468.0, 5527.0, 5570.0, 5525.0, 5371.0, 5301.0, 5403.0, 5524.0, 5469.0, 5499.0, 5676.0, 5507.0, 5563.0, 5631.0, 5386.0, 5707.0, 5520.0, 5473.0, 5642.0, 5361.0, 5497.0, 5353.0, 5297.0, 5664.0, 5404.0, 5554.0, 5373.0, 5692.0, 5714.0, 5340.0, 5481.0, 5640.0, 5601.0, 5712.0, 5292.0, 5708.0, 5711.0, 5445.0, 5307.0, 5620.0, 5606.0, 5327.0, 5604.0, 5582.0, 5586.0, 5397.0, 5375.0, 5683.0, 5399.0, 5279.0, 5333.0, 5456.0, 5412.0, 5629.0, 5303.0, 5513.0, 5351.0, 5545.0, 5464.0, 5565.0, 5548.0, 5337.0, 5571.0, 5284.0, 5477.0, 5407.0, 5494.0, 5514.0, 5701.0, 5587.0, 5467.0, 5414.0, 5721.0, 5486.0, 5678.0, 5669.0, 5360.0, 5471.0, 5294.0, 5671.0, 5430.0, 5665.0, 5675.0, 5674.0, 5320.0, 5334.0 (number of hits: 13)
14	5290	9	1	333	1	5388.0, 5334.0, 5439.0, 5563.0, 5337.0, 5700.0, 5491.0, 5386.0, 5716.0, 5701.0, 5444.0, 5412.0, 5449.0, 5431.0, 5719.0, 5594.0, 5549.0, 5539.0, 5422.0, 5387.0, 5272.0, 5531.0, 5395.0, 5547.0, 5574.0, 5510.0, 5652.0, 5260.0, 5490.0, 5350.0, 5610.0, 5404.0, 5721.0, 5599.0, 5330.0, 5288.0, 5326.0, 5564.0, 5416.0, 5432.0, 5545.0, 5702.0, 5529.0, 5393.0, 5534.0, 5693.0, 5447.0, 5273.0, 5681.0, 5553.0, 5324.0, 5723.0, 5381.0, 5626.0, 5329.0, 5282.0, 5664.0, 5484.0, 5625.0, 5509.0, 5406.0, 5556.0, 5530.0, 5517.0, 5667.0, 5408.0, 5448.0, 5457.0, 5686.0, 5691.0, 5720.0, 5251.0, 5597.0, 5461.0, 5427.0, 5341.0, 5471.0, 5620.0, 5399.0, 5662.0, 5670.0, 5611.0, 5344.0, 5426.0, 5595.0, 5277.0, 5535.0, 5442.0, 5384.0, 5567.0, 5696.0, 5465.0, 5379.0, 5698.0, 5683.0, 5660.0, 5703.0, 5407.0, 5596.0, 5419.0 (number of hits: 8)

15	5290	9	1	333	1	5407.0, 5581.0, 5460.0, 5561.0, 5548.0, 5658.0, 5578.0, 5348.0, 5712.0, 5253.0, 5256.0, 5366.0, 5431.0, 5294.0, 5569.0, 5670.0, 5263.0, 5719.0, 5290.0, 5415.0, 5379.0, 5667.0, 5449.0, 5416.0, 5636.0, 5457.0, 5651.0, 5706.0, 5421.0, 5347.0, 5300.0, 5601.0, 5528.0, 5676.0, 5694.0, 5384.0, 5319.0, 5683.0, 5337.0, 5255.0, 5504.0, 5381.0, 5599.0, 5387.0, 5626.0, 5632.0, 5620.0, 5491.0, 5687.0, 5341.0, 5662.0, 5568.0, 5413.0, 5502.0, 5453.0, 5645.0, 5295.0, 5723.0, 5552.0, 5703.0, 5466.0, 5417.0, 5459.0, 5710.0, 5617.0, 5259.0, 5414.0, 5695.0, 5524.0, 5530.0, 5560.0, 5454.0, 5296.0, 5477.0, 5486.0, 5372.0, 5506.0, 5321.0, 5584.0, 5380.0, 5499.0, 5353.0, 5368.0, 5401.0, 5308.0, 5389.0, 5657.0, 5385.0, 5430.0, 5603.0, 5437.0, 5635.0, 5318.0, 5270.0, 5543.0, 5350.0, 5362.0, 5305.0, 5377.0, 5583.0 (number of hits: 16)
16	5290	9	1	333	1	5289.0, 5644.0, 5546.0, 5418.0, 5261.0, 5377.0, 5258.0, 5397.0, 5455.0, 5565.0, 5398.0, 5328.0, 5343.0, 5372.0, 5334.0, 5444.0, 5309.0, 5420.0, 5620.0, 5539.0, 5408.0, 5652.0, 5584.0, 5553.0, 5578.0, 5417.0, 5602.0, 5508.0, 5362.0, 5442.0, 5371.0, 5548.0, 5558.0, 5285.0, 5709.0, 5479.0, 5386.0, 5354.0, 5585.0, 5432.0, 5679.0, 5715.0, 5681.0, 5282.0, 5380.0, 5580.0, 5412.0, 5404.0, 5315.0, 5543.0, 5694.0, 5262.0, 5458.0, 5433.0, 5520.0, 5659.0, 5594.0, 5425.0, 5464.0, 5450.0, 5549.0, 5441.0, 5281.0, 5375.0, 5560.0, 5592.0, 5587.0, 5656.0, 5467.0, 5488.0, 5267.0, 5460.0, 5522.0, 5619.0, 5475.0, 5329.0, 5707.0, 5399.0, 5711.0, 5630.0, 5485.0, 5593.0, 5471.0, 5318.0, 5277.0, 5390.0, 5564.0, 5658.0, 5270.0, 5333.0, 5480.0, 5453.0, 5470.0, 5598.0, 5405.0, 5615.0, 5431.0, 5402.0, 5665.0, 5357.0 (number of hits: 13)
17	5290	9	1	333	1	5417.0, 5634.0, 5365.0, 5564.0, 5685.0, 5478.0, 5683.0, 5599.0, 5315.0, 5674.0, 5693.0, 5717.0, 5609.0, 5458.0, 5582.0, 5495.0, 5590.0, 5329.0, 5439.0, 5390.0, 5510.0, 5368.0, 5672.0, 5610.0, 5441.0, 5411.0, 5616.0, 5447.0, 5613.0, 5620.0, 5537.0, 5716.0, 5475.0, 5552.0, 5618.0, 5278.0, 5378.0, 5407.0, 5686.0, 5308.0, 5307.0, 5558.0, 5345.0, 5438.0, 5456.0, 5630.0, 5427.0, 5627.0, 5331.0, 5359.0, 5424.0, 5671.0, 5281.0, 5265.0, 5591.0, 5287.0, 5452.0, 5468.0, 5586.0, 5404.0, 5420.0, 5421.0, 5636.0, 5419.0, 5551.0, 5423.0, 5298.0, 5492.0, 5528.0, 5544.0, 5383.0, 5538.0, 5548.0, 5522.0, 5317.0, 5597.0, 5573.0, 5629.0, 5299.0, 5474.0, 5601.0, 5366.0, 5604.0, 5594.0, 5553.0, 5354.0, 5257.0, 5521.0, 5377.0, 5665.0,

						5286.0, 5699.0, 5403.0, 5655.0, 5546.0, 5268.0, 5414.0, 5531.0, 5391.0, 5518.0 (number of hits: 13)
18	5290	9	1	333	1	5517.0, 5584.0, 5471.0, 5681.0, 5405.0, 5387.0, 5418.0, 5273.0, 5445.0, 5467.0, 5561.0, 5576.0, 5487.0, 5682.0, 5586.0, 5351.0, 5539.0, 5439.0, 5504.0, 5267.0, 5370.0, 5641.0, 5309.0, 5690.0, 5537.0, 5565.0, 5521.0, 5666.0, 5643.0, 5701.0, 5397.0, 5357.0, 5446.0, 5713.0, 5366.0, 5538.0, 5337.0, 5348.0, 5592.0, 5716.0, 5703.0, 5640.0, 5483.0, 5401.0, 5320.0, 5263.0, 5291.0, 5335.0, 5342.0, 5552.0, 5367.0, 5260.0, 5649.0, 5458.0, 5475.0, 5648.0, 5668.0, 5620.0, 5404.0, 5356.0, 5428.0, 5533.0, 5665.0, 5495.0, 5477.0, 5699.0, 5564.0, 5692.0, 5327.0, 5375.0, 5449.0, 5598.0, 5473.0, 5414.0, 5376.0, 5685.0, 5269.0, 5597.0, 5723.0, 5452.0, 5602.0, 5712.0, 5394.0, 5488.0, 5684.0, 5708.0, 5587.0, 5541.0, 5333.0, 5340.0, 5570.0, 5635.0, 5722.0, 5330.0, 5381.0, 5638.0, 5546.0, 5426.0, 5278.0, 5310.0 (number of hits: 11)
19	5290	9	1	333	1	5494.0, 5415.0, 5636.0, 5652.0, 5442.0, 5369.0, 5623.0, 5700.0, 5616.0, 5310.0, 5721.0, 5621.0, 5467.0, 5274.0, 5380.0, 5630.0, 5343.0, 5346.0, 5600.0, 5431.0, 5569.0, 5611.0, 5417.0, 5550.0, 5631.0, 5426.0, 5701.0, 5329.0, 5668.0, 5594.0, 5337.0, 5319.0, 5371.0, 5432.0, 5394.0, 5298.0, 5311.0, 5489.0, 5643.0, 5412.0, 5302.0, 5381.0, 5480.0, 5707.0, 5639.0, 5391.0, 5263.0, 5495.0, 5468.0, 5373.0, 5692.0, 5612.0, 5663.0, 5265.0, 5674.0, 5638.0, 5272.0, 5258.0, 5572.0, 5544.0, 5635.0, 5365.0, 5688.0, 5299.0, 5604.0, 5539.0, 5269.0, 5484.0, 5718.0, 5339.0, 5471.0, 5459.0, 5300.0, 5568.0, 5608.0, 5251.0, 5667.0, 5666.0, 5358.0, 5273.0, 5308.0, 5403.0, 5460.0, 5628.0, 5603.0, 5585.0, 5617.0, 5670.0, 5288.0, 5655.0, 5689.0, 5292.0, 5334.0, 5404.0, 5275.0, 5348.0, 5397.0, 5656.0, 5620.0, 5651.0 (number of hits: 18)
20	5290	9	1	333	1	5719.0, 5368.0, 5268.0, 5511.0, 5385.0, 5543.0, 5403.0, 5546.0, 5603.0, 5702.0, 5294.0, 5468.0, 5255.0, 5537.0, 5402.0, 5597.0, 5709.0, 5260.0, 5656.0, 5464.0, 5539.0, 5492.0, 5457.0, 5595.0, 5342.0, 5694.0, 5462.0, 5411.0, 5448.0, 5311.0, 5690.0, 5686.0, 5715.0, 5673.0, 5290.0, 5259.0, 5575.0, 5533.0, 5297.0, 5520.0, 5605.0, 5560.0, 5328.0, 5531.0, 5629.0, 5508.0, 5544.0, 5280.0, 5549.0, 5375.0, 5519.0, 5470.0, 5507.0, 5452.0, 5440.0, 5421.0, 5594.0, 5682.0, 5418.0, 5721.0, 5658.0, 5609.0, 5498.0, 5417.0, 5616.0, 5281.0, 5495.0, 5426.0, 5504.0, 5723.0, 5396.0, 5481.0, 5293.0, 5314.0, 5577.0,

						5701.0, 5292.0, 5501.0, 5518.0, 5298.0, 5718.0, 5661.0, 5339.0, 5307.0, 5408.0, 5437.0, 5323.0, 5620.0, 5416.0, 5582.0, 5460.0, 5345.0, 5712.0, 5608.0, 5333.0, 5649.0, 5491.0, 5278.0, 5334.0, 5407.0 (number of hits: 17)
21	5290	9	1	333	1	5331.0, 5623.0, 5513.0, 5545.0, 5424.0, 5308.0, 5438.0, 5602.0, 5284.0, 5253.0, 5645.0, 5416.0, 5672.0, 5421.0, 5374.0, 5647.0, 5640.0, 5300.0, 5584.0, 5675.0, 5665.0, 5435.0, 5512.0, 5703.0, 5272.0, 5537.0, 5590.0, 5694.0, 5324.0, 5313.0, 5667.0, 5396.0, 5697.0, 5447.0, 5271.0, 5671.0, 5283.0, 5261.0, 5422.0, 5524.0, 5526.0, 5528.0, 5372.0, 5384.0, 5492.0, 5354.0, 5568.0, 5419.0, 5466.0, 5491.0, 5264.0, 5475.0, 5563.0, 5611.0, 5448.0, 5335.0, 5329.0, 5344.0, 5311.0, 5604.0, 5298.0, 5463.0, 5296.0, 5651.0, 5369.0, 5574.0, 5458.0, 5629.0, 5347.0, 5494.0, 5377.0, 5626.0, 5619.0, 5530.0, 5558.0, 5628.0, 5535.0, 5657.0, 5270.0, 5306.0, 5521.0, 5720.0, 5501.0, 5430.0, 5339.0, 5707.0, 5708.0, 5250.0, 5385.0, 5525.0, 5567.0, 5608.0, 5685.0, 5319.0, 5540.0, 5500.0, 5314.0, 5522.0, 5325.0, 5304.0 (number of hits: 20)
22	5290	9	1	333	1	5349.0, 5520.0, 5472.0, 5370.0, 5640.0, 5322.0, 5723.0, 5529.0, 5572.0, 5431.0, 5384.0, 5416.0, 5506.0, 5629.0, 5253.0, 5569.0, 5665.0, 5301.0, 5270.0, 5550.0, 5470.0, 5445.0, 5458.0, 5408.0, 5512.0, 5617.0, 5546.0, 5271.0, 5683.0, 5309.0, 5380.0, 5696.0, 5327.0, 5425.0, 5717.0, 5303.0, 5351.0, 5590.0, 5394.0, 5430.0, 5667.0, 5542.0, 5348.0, 5642.0, 5634.0, 5435.0, 5521.0, 5697.0, 5461.0, 5631.0, 5698.0, 5619.0, 5562.0, 5551.0, 5628.0, 5573.0, 5650.0, 5376.0, 5608.0, 5417.0, 5589.0, 5687.0, 5605.0, 5344.0, 5444.0, 5676.0, 5429.0, 5560.0, 5722.0, 5465.0, 5339.0, 5319.0, 5459.0, 5713.0, 5600.0, 5514.0, 5489.0, 5347.0, 5475.0, 5331.0, 5396.0, 5464.0, 5282.0, 5409.0, 5591.0, 5364.0, 5276.0, 5312.0, 5462.0, 5448.0, 5503.0, 5443.0, 5565.0, 5712.0, 5359.0, 5583.0, 5433.0, 5490.0, 5577.0, 5442.0 (number of hits: 12)
23	5290	9	1	333	1	5571.0, 5648.0, 5719.0, 5693.0, 5724.0, 5337.0, 5378.0, 5258.0, 5551.0, 5628.0, 5276.0, 5509.0, 5560.0, 5488.0, 5698.0, 5362.0, 5582.0, 5405.0, 5492.0, 5476.0, 5716.0, 5429.0, 5502.0, 5590.0, 5274.0, 5526.0, 5627.0, 5462.0, 5632.0, 5460.0, 5459.0, 5694.0, 5464.0, 5254.0, 5482.0, 5646.0, 5313.0, 5618.0, 5297.0, 5680.0, 5421.0, 5343.0, 5718.0, 5260.0, 5283.0, 5506.0, 5581.0, 5398.0, 5554.0, 5495.0, 5301.0, 5328.0, 5469.0, 5562.0, 5442.0, 5705.0, 5664.0, 5529.0, 5443.0, 5367.0,

						5468.0, 5352.0, 5545.0, 5707.0, 5634.0, 5633.0, 5566.0, 5647.0, 5322.0, 5657.0, 5490.0, 5592.0, 5282.0, 5377.0, 5660.0, 5374.0, 5604.0, 5446.0, 5584.0, 5327.0, 5587.0, 5533.0, 5391.0, 5397.0, 5699.0, 5345.0, 5441.0, 5515.0, 5251.0, 5409.0, 5617.0, 5528.0, 5630.0, 5568.0, 5308.0, 5616.0, 5348.0, 5375.0, 5296.0, 5522.0 (number of hits: 14)
24	5290	9	1	333	1	5294.0, 5695.0, 5712.0, 5561.0, 5391.0, 5289.0, 5402.0, 5570.0, 5360.0, 5297.0, 5635.0, 5395.0, 5606.0, 5620.0, 5407.0, 5517.0, 5699.0, 5518.0, 5551.0, 5283.0, 5542.0, 5693.0, 5528.0, 5256.0, 5717.0, 5502.0, 5571.0, 5330.0, 5425.0, 5616.0, 5460.0, 5691.0, 5278.0, 5704.0, 5354.0, 5707.0, 5591.0, 5608.0, 5602.0, 5556.0, 5698.0, 5368.0, 5405.0, 5430.0, 5536.0, 5261.0, 5362.0, 5668.0, 5367.0, 5396.0, 5441.0, 5380.0, 5659.0, 5507.0, 5314.0, 5485.0, 5478.0, 5313.0, 5681.0, 5521.0, 5448.0, 5447.0, 5641.0, 5723.0, 5269.0, 5580.0, 5335.0, 5494.0, 5664.0, 5388.0, 5689.0, 5624.0, 5417.0, 5399.0, 5676.0, 5577.0, 5626.0, 5499.0, 5309.0, 5336.0, 5648.0, 5633.0, 5281.0, 5404.0, 5579.0, 5365.0, 5346.0, 5665.0, 5555.0, 5578.0, 5463.0, 5558.0, 5588.0, 5328.0, 5593.0, 5519.0, 5433.0, 5569.0, 5622.0, 5457.0 (number of hits: 12)
25	5290	9	1	333	1	5642.0, 5304.0, 5267.0, 5295.0, 5483.0, 5420.0, 5590.0, 5319.0, 5543.0, 5467.0, 5432.0, 5540.0, 5596.0, 5660.0, 5621.0, 5475.0, 5693.0, 5656.0, 5391.0, 5505.0, 5263.0, 5399.0, 5550.0, 5713.0, 5510.0, 5666.0, 5445.0, 5648.0, 5425.0, 5669.0, 5503.0, 5711.0, 5588.0, 5422.0, 5389.0, 5469.0, 5481.0, 5687.0, 5419.0, 5314.0, 5705.0, 5280.0, 5415.0, 5430.0, 5375.0, 5638.0, 5382.0, 5701.0, 5633.0, 5497.0, 5348.0, 5340.0, 5694.0, 5494.0, 5421.0, 5470.0, 5595.0, 5703.0, 5650.0, 5443.0, 5281.0, 5592.0, 5484.0, 5285.0, 5680.0, 5361.0, 5605.0, 5611.0, 5622.0, 5474.0, 5615.0, 5451.0, 5402.0, 5397.0, 5541.0, 5552.0, 5400.0, 5533.0, 5482.0, 5416.0, 5655.0, 5326.0, 5654.0, 5274.0, 5379.0, 5455.0, 5664.0, 5328.0, 5465.0, 5260.0, 5431.0, 5518.0, 5707.0, 5507.0, 5472.0, 5377.0, 5337.0, 5450.0, 5628.0, 5395.0 (number of hits: 12)
26	5290	9	1	333	1	5535.0, 5451.0, 5614.0, 5307.0, 5485.0, 5298.0, 5391.0, 5591.0, 5592.0, 5681.0, 5617.0, 5632.0, 5446.0, 5543.0, 5671.0, 5654.0, 5359.0, 5417.0, 5484.0, 5588.0, 5619.0, 5462.0, 5475.0, 5508.0, 5511.0, 5410.0, 5596.0, 5693.0, 5281.0, 5633.0, 5599.0, 5603.0, 5275.0, 5388.0, 5441.0, 5649.0, 5572.0, 5336.0, 5706.0, 5607.0, 5323.0, 5251.0, 5436.0, 5650.0, 5293.0,

						5301.0, 5405.0, 5315.0, 5578.0, 5552.0, 5304.0, 5506.0, 5519.0, 5317.0, 5333.0, 5496.0, 5390.0, 5518.0, 5432.0, 5285.0, 5642.0, 5625.0, 5364.0, 5424.0, 5422.0, 5274.0, 5703.0, 5358.0, 5641.0, 5561.0, 5487.0, 5565.0, 5470.0, 5597.0, 5610.0, 5715.0, 5344.0, 5342.0, 5700.0, 5479.0, 5697.0, 5369.0, 5667.0, 5593.0, 5672.0, 5280.0, 5400.0, 5431.0, 5305.0, 5395.0, 5375.0, 5450.0, 5685.0, 5670.0, 5477.0, 5663.0, 5525.0, 5637.0, 5420.0, 5559.0 (number of hits: 14)
27	5290	9	1	333	1	5346.0, 5544.0, 5399.0, 5441.0, 5586.0, 5668.0, 5478.0, 5610.0, 5571.0, 5675.0, 5296.0, 5569.0, 5629.0, 5263.0, 5525.0, 5480.0, 5624.0, 5529.0, 5438.0, 5591.0, 5322.0, 5268.0, 5606.0, 5386.0, 5310.0, 5331.0, 5264.0, 5474.0, 5292.0, 5395.0, 5276.0, 5627.0, 5523.0, 5584.0, 5694.0, 5505.0, 5327.0, 5568.0, 5418.0, 5597.0, 5702.0, 5278.0, 5437.0, 5639.0, 5289.0, 5328.0, 5495.0, 5311.0, 5650.0, 5549.0, 5358.0, 5534.0, 5483.0, 5405.0, 5655.0, 5699.0, 5498.0, 5388.0, 5626.0, 5510.0, 5374.0, 5490.0, 5664.0, 5272.0, 5594.0, 5267.0, 5677.0, 5330.0, 5293.0, 5651.0, 5401.0, 5537.0, 5713.0, 5290.0, 5640.0, 5551.0, 5339.0, 5431.0, 5370.0, 5680.0, 5464.0, 5443.0, 5457.0, 5398.0, 5619.0, 5467.0, 5341.0, 5501.0, 5555.0, 5611.0, 5716.0, 5514.0, 5547.0, 5720.0, 5653.0, 5659.0, 5275.0, 5686.0, 5354.0, 5531.0 (number of hits: 17)
28	5290	9	1	333	1	5327.0, 5697.0, 5642.0, 5540.0, 5662.0, 5301.0, 5469.0, 5387.0, 5395.0, 5712.0, 5620.0, 5473.0, 5503.0, 5693.0, 5501.0, 5703.0, 5692.0, 5649.0, 5721.0, 5425.0, 5673.0, 5471.0, 5550.0, 5475.0, 5659.0, 5527.0, 5281.0, 5579.0, 5339.0, 5694.0, 5368.0, 5528.0, 5483.0, 5487.0, 5332.0, 5436.0, 5403.0, 5427.0, 5490.0, 5569.0, 5711.0, 5514.0, 5533.0, 5678.0, 5342.0, 5669.0, 5557.0, 5570.0, 5409.0, 5502.0, 5412.0, 5384.0, 5282.0, 5415.0, 5377.0, 5636.0, 5684.0, 5493.0, 5428.0, 5495.0, 5656.0, 5261.0, 5437.0, 5623.0, 5658.0, 5441.0, 5447.0, 5257.0, 5295.0, 5494.0, 5625.0, 5268.0, 5328.0, 5719.0, 5251.0, 5449.0, 5601.0, 5615.0, 5277.0, 5457.0, 5602.0, 5505.0, 5549.0, 5424.0, 5453.0, 5532.0, 5292.0, 5672.0, 5297.0, 5252.0, 5477.0, 5547.0, 5470.0, 5500.0, 5391.0, 5614.0, 5489.0, 5458.0, 5720.0, 5622.0 (number of hits: 12)
29	5290	9	1	333	1	5643.0, 5633.0, 5689.0, 5357.0, 5522.0, 5540.0, 5641.0, 5626.0, 5519.0, 5509.0, 5477.0, 5505.0, 5523.0, 5547.0, 5508.0, 5606.0, 5595.0, 5282.0, 5326.0, 5393.0, 5635.0, 5324.0, 5360.0, 5470.0, 5551.0, 5617.0, 5440.0, 5560.0, 5298.0, 5294.0,

						5333.0, 5317.0, 5550.0, 5494.0, 5521.0, 5345.0, 5536.0, 5706.0, 5259.0, 5687.0, 5463.0, 5468.0, 5378.0, 5446.0, 5346.0, 5578.0, 5576.0, 5527.0, 5610.0, 5408.0, 5703.0, 5412.0, 5704.0, 5548.0, 5709.0, 5487.0, 5677.0, 5367.0, 5559.0, 5653.0, 5280.0, 5621.0, 5684.0, 5415.0, 5657.0, 5515.0, 5395.0, 5392.0, 5678.0, 5472.0, 5631.0, 5664.0, 5623.0, 5607.0, 5432.0, 5644.0, 5624.0, 5473.0, 5722.0, 5620.0, 5258.0, 5658.0, 5714.0, 5404.0, 5489.0, 5448.0, 5370.0, 5379.0, 5340.0, 5532.0, 5616.0, 5436.0, 5679.0, 5665.0, 5337.0, 5369.0, 5615.0, 5427.0, 5647.0, 5604.0 (number of hits: 9)
30	5290	9	1	333	1	5491.0, 5553.0, 5393.0, 5629.0, 5278.0, 5589.0, 5636.0, 5301.0, 5596.0, 5466.0, 5422.0, 5722.0, 5627.0, 5539.0, 5594.0, 5691.0, 5476.0, 5416.0, 5266.0, 5563.0, 5487.0, 5550.0, 5259.0, 5535.0, 5310.0, 5542.0, 5355.0, 5656.0, 5373.0, 5686.0, 5275.0, 5646.0, 5271.0, 5296.0, 5460.0, 5376.0, 5290.0, 5593.0, 5708.0, 5370.0, 5256.0, 5432.0, 5709.0, 5367.0, 5502.0, 5450.0, 5497.0, 5640.0, 5357.0, 5351.0, 5424.0, 5445.0, 5633.0, 5419.0, 5721.0, 5468.0, 5423.0, 5369.0, 5623.0, 5479.0, 5661.0, 5343.0, 5675.0, 5269.0, 5425.0, 5299.0, 5396.0, 5454.0, 5706.0, 5312.0, 5565.0, 5252.0, 5300.0, 5523.0, 5554.0, 5483.0, 5710.0, 5427.0, 5311.0, 5298.0, 5558.0, 5651.0, 5703.0, 5320.0, 5441.0, 5276.0, 5647.0, 5490.0, 5685.0, 5499.0, 5366.0, 5513.0, 5462.0, 5648.0, 5711.0, 5324.0, 5666.0, 5520.0, 5514.0, 5551.0 (number of hits: 20)

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	63.3 %	60%	Pass
Type 3	30	96.7 %	60%	Pass
Type 4	30	90 %	60%	Pass
Aggregate (Type1 to 4)	120	87.5 %	80%	Pass
Type 5	30	96.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	72	1	738	1
2	5491	58	1	918	1
3	5491	81	1	658	1
4	5491	65	1	818	1
5	5491	68	1	778	1
6	5500	57	1	938	1
7	5500	70	1	758	1
8	5500	76	1	698	1
9	5500	86	1	618	1
10	5500	89	1	598	1
11	5509	59	1	898	1
12	5509	61	1	878	1
13	5509	78	1	678	1
14	5509	74	1	718	1
15	5509	83	1	638	1
16	5491	23	1	2339	1
17	5491	23	1	2387	1
18	5491	19	1	2923	1
19	5491	41	1	1311	1
20	5491	85	1	621	1
21	5500	71	1	745	1
22	5500	47	1	1146	1
23	5500	64	1	832	1
24	5500	68	1	783	1
25	5500	24	1	2275	1
26	5509	59	1	896	1
27	5509	29	1	1823	1
28	5509	20	1	2726	1
29	5509	43	1	1228	1
30	5509	37	1	1452	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	29	1.8	169	1
2	5491	27	4.2	223	1
3	5491	27	4.7	165	1
4	5491	27	1.2	220	1
5	5491	27	4.1	215	1
6	5491	24	4.1	151	1
7	5491	24	2.3	180	1
8	5491	24	1.9	156	1
9	5491	27	1.9	191	1
10	5491	24	4.6	218	1
11	5500	27	3.3	196	0
12	5500	29	2.8	221	1
13	5500	29	2.2	208	1
14	5500	23	1.1	221	0
15	5500	25	4.1	210	0
16	5500	27	3.6	209	0
17	5500	23	2.2	153	1
18	5500	24	3.4	199	0
19	5500	26	1.5	186	1
20	5500	26	1.7	154	0
21	5509	25	2.8	185	1
22	5509	23	2.4	221	1
23	5509	29	3.8	151	0
24	5509	27	2.6	179	1
25	5509	23	1.2	198	0
26	5509	29	3.5	177	0
27	5509	27	3.4	210	0
28	5509	26	3	222	1
29	5509	28	3	215	1
30	5509	28	4.2	212	0
Detection Percentage: 63.3 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	18	9.3	308	1
2	5491	18	6.9	278	1
3	5491	17	6.4	418	1
4	5491	18	9	409	1
5	5491	17	10	392	1
6	5491	18	6	370	1
7	5491	17	8.2	422	1
8	5491	18	6	497	0
9	5491	17	6.5	206	1
10	5491	18	7.6	282	1
11	5500	16	7.6	417	1
12	5500	17	8.5	222	1
13	5500	16	9.4	436	1
14	5500	18	6.4	272	1
15	5500	16	7.8	293	1
16	5500	17	6.7	251	1
17	5500	18	6.1	400	1
18	5500	16	8.6	217	1
19	5500	18	7.7	366	1
20	5500	17	7	442	1
21	5509	16	8.7	455	1
22	5509	17	6.7	433	1
23	5509	16	6.4	467	1
24	5509	16	7.4	491	1
25	5509	17	7.9	244	1
26	5509	17	7	277	1
27	5509	18	7.7	260	1
28	5509	17	7.8	265	1
29	5509	18	7.8	294	1
30	5509	18	8	357	1
Detection Percentage: 96.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	16	18.2	439	1
2	5491	13	12.1	223	1
3	5491	13	17.8	298	1
4	5491	16	16.2	499	1
5	5491	16	16.8	287	1
6	5491	16	19.7	395	1
7	5491	14	16.4	315	1
8	5491	12	14	401	1
9	5491	15	18.8	456	1
10	5491	15	18.1	233	1
11	5500	12	12.6	498	1
12	5500	13	17.9	302	1
13	5500	13	14.2	246	0
14	5500	13	14.9	242	1
15	5500	15	14.9	320	1
16	5500	12	11.1	388	1
17	5500	16	17.1	361	1
18	5500	12	18.5	343	0
19	5500	16	13.4	422	1
20	5500	14	14.2	471	1
21	5509	16	16.7	489	1
22	5509	16	15.6	448	1
23	5509	15	20	452	0
24	5509	16	16.7	385	1
25	5509	14	18.3	225	1
26	5509	13	13.5	442	1
27	5509	15	14.6	377	1
28	5509	16	18.2	466	1
29	5509	13	15.6	309	1
30	5509	12	18.2	447	1
Detection Percentage: 90 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5497.8	1
12	5497.8	1
13	5494.6	1
14	5496.2	1
15	5497.4	1
16	5493.4	1
17	5497.8	1
18	5494.2	1
19	5497.0	1
20	5493.4	1
21	5503.8	1
22	5503.0	0
23	5502.6	1
24	5503.0	1
25	5504.6	1
26	5501.0	1
27	5502.2	1
28	5504.6	1
29	5503.4	1
30	5506.2	1
Detection Percentage: 96.7 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	51.7	1115		0.212126	1
1	1	10	84.1			1.070573	
2	3	10	70.4	1526	1231	1.371786	
3	2	10	54.6	1470		2.487882	
4	2	10	66.4	1575		2.942167	
5	2	10	52.6	1305		3.646756	
6	3	10	63.4	1383	1246	4.273886	
7	2	10	90.9	1255		4.98959	
8	3	10	96.4	1817	1689	5.731988	
9	3	10	75.2	1626	1544	6.141106	
10	2	10	64.2	1897		6.861188	
11	2	10	86.6	1987		7.790199	
12	2	10	67.9	1407		8.095881	
13	1	10	61.8			9.266302	
14	1	10	76.9			9.683942	
15	1	10	51.5			10.336268	
16	1	10	98.2			11.281536	
17	1	10	98.7			11.942947	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	54	1026		0.467606	1
1	2	13	76.2	1160		1.957972	
2	1	13	94			2.087422	
3	1	13	68.7			3.192577	
4	2	13	65.3	1474		4.874065	
5	3	13	93.1	1123	1327	5.877087	
6	3	13	81.3	1804	1898	6.425385	
7	3	13	90.6	1013	1043	7.176486	
8	2	13	98	1350		8.77903	
9	3	13	95.8	1610	1851	9.687454	
10	1	13	56.5			10.291501	
11	2	13	65.8	1160		11.157606	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	55.6	1549	1371	0.334803	1
1	2	13	76.8	1716		1.176927	
2	3	13	89.5	1077	1698	1.638676	
3	2	13	81.3	1146		2.331327	
4	3	13	71.2	1992	1581	2.811485	
5	2	13	51.7	1159		3.240171	
6	3	13	84.4	1048	1177	4.04979	
7	3	13	91.6	1484	1410	4.564191	
8	1	13	77.2			5.120497	
9	1	13	82.2			5.582697	
10	2	13	92	1608		6.216261	
11	1	13	66.8			6.675439	
12	1	13	82.4			7.36162	
13	2	13	88.9	1271		8.189261	
14	1	13	98			8.937485	
15	3	13	88	1039	1085	9.253759	
16	1	13	68.6			9.639548	
17	2	13	81.3	1058		10.256166	
18	3	13	86.5	1437	1602	11.070663	
19	1	13	92.8			11.534548	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	84.6	1521	1254	0.555842	
1	2	14	60.1	1811		0.925321	
2	2	14	61.4	1364		1.797937	
3	3	14	69.9	1135	1950	2.775652	
4	2	14	68.2	1117		3.193809	
5	3	14	51.7	1525	1020	3.79767	
6	2	14	55.8	1308		4.389345	
7	2	14	92.4	1071		5.036486	
8	2	14	81.9	1835		6.098425	1
9	2	14	66	1634		6.898583	
10	3	14	98.5	1887	1165	7.33484	
11	1	14	77.3			8.003767	
12	2	14	62.3	1382		8.797389	
13	2	14	70.3	1392		9.251682	
14	2	14	57.7	1981		10.220147	
15	1	14	80.6			11.256258	
16	2	14	66	1603		11.372291	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	58.1			0.682483	
1	2	14	87.5	1906		0.896058	
2	2	14	79.4	1127		2.097778	
3	2	14	65.8	1084		2.750377	
4	1	14	70			3.981196	
5	3	14	87.2	1101	1960	4.968281	
6	2	14	98	1542		5.485927	
7	2	14	82.4	1191		6.809592	1
8	3	14	89.8	1020	1737	7.288579	
9	1	14	51.6			8.409022	
10	2	14	59.9	1363		8.820705	
11	2	14	93.4	1971		9.712625	
12	2	14	76.1	1567		10.813055	
13	1	14	96.2			11.484975	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	84.5	1616		0.396875	1
1	1	5	90.5			1.186749	
2	2	5	99.8	1248		1.492082	
3	1	5	68.5			2.007525	
4	2	5	84.6	1554		2.623879	
5	2	5	81.6	1618		3.109911	
6	2	5	59.4	1638		3.982418	
7	2	5	79.7	1345		4.735994	
8	3	5	93.9	1745	1104	4.994176	
9	2	5	57.3	1377		5.956807	
10	1	5	86.2			6.28237	
11	2	5	91.8	1478		6.60124	
12	2	5	67.9	1708		7.354269	
13	3	5	94.9	1367	1272	8.002553	
14	2	5	77.7	1042		8.568392	
15	1	5	65.5			9.345828	
16	2	5	92	1327		9.971093	
17	2	5	63.5	1487		10.207261	
18	2	5	52.4	1834		10.96542	
19	1	5	83.9			11.598545	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	89.5	1884	1982	0.423364	1
1	2	7	53.1	1552		0.980831	
2	1	7	72.4			2.244839	
3	1	7	57.3			2.485582	
4	1	7	56.9			3.017446	
5	3	7	86.4	1056	1607	3.932166	
6	2	7	98.6	1219		5.215804	
7	3	7	57.4	1463	1148	5.503773	
8	2	7	65.4	1775		6.697903	
9	3	7	94.5	1851	1779	7.216604	
10	1	7	52.3			7.917996	
11	2	7	96.3	1069		8.965054	
12	2	7	83	1593		9.274521	
13	1	7	79.2			10.174722	
14	3	7	54.5	1027	1406	11.00633	
15	2	7	56.4	1524		11.25132	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	54.7			0.636619	1
1	1	11	60.9			1.247277	
2	2	11	71	1941		2.504761	
3	3	11	60.3	1835	1147	3.517033	
4	3	11	52.5	1828	1728	4.033383	
5	2	11	63.4	1335		5.641125	
6	1	11	67.5			6.851652	
7	3	11	83	1294	1865	7.368816	
8	2	11	60.7	1528		8.475322	
9	3	11	79.5	1519	1305	9.006839	
10	1	11	92.3			10.770471	
11	3	11	60.7	1675	1356	11.248738	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	72.8	1566		0.630343	1
1	1	12	61.1			0.680312	
2	3	12	94.6	1907	1218	1.954095	
3	2	12	93.5	1214		2.633229	
4	2	12	84.5	1548		2.730568	
5	1	12	58.2			3.941145	
6	1	12	85.1			4.255533	
7	2	12	62.9	1719		5.096103	
8	1	12	82.8			5.480782	
9	3	12	61.2	1916	1187	6.443389	
10	2	12	56.6	1215		7.284974	
11	2	12	55.5	1256		7.433496	
12	3	12	66.3	1941	1575	8.17094	
13	1	12	77.9			8.972971	
14	3	12	50.3	1591	1357	9.526362	
15	2	12	50.8	1843		10.33709	
16	1	12	92.5			11.263206	
17	2	12	99.9	1974		11.638659	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	78.2			0.645021	1
1	2	13	69.8	1660		1.514614	
2	2	13	76	1341		2.611351	
3	1	13	91.4			3.098076	
4	2	13	88	1766		4.232672	
5	3	13	64.2	1967	1638	5.156996	
6	2	13	82	1632		6.760748	
7	3	13	65.6	1321	1821	7.616758	
8	2	13	78.7	1056		8.218943	
9	2	13	78.5	1782		9.106768	
10	2	13	57.2	1765		10.524349	
11	1	13	68.4			11.045455	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	97.4	1439		0.373484	1
1	2	17	84.6	1295		0.993473	
2	2	17	89.6	1216		1.522437	
3	2	17	73	1667		2.156955	
4	1	17	68.4			2.787666	
5	2	17	89.1	1704		3.855758	
6	2	17	63	1476		4.034579	
7	1	17	66.4			4.670786	
8	1	17	56.5			5.500419	
9	3	17	67.7	1175	1231	6.617008	
10	2	17	59.7	1034		6.95864	
11	1	17	77.9			7.440486	
12	2	17	97.1	1685		8.055556	
13	3	17	95.4	1889	1942	8.806052	
14	1	17	83.1			9.737464	
15	3	17	65.1	1024	1670	10.530006	
16	1	17	82.5			10.726264	
17	1	17	73.8			11.733046	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	89.4	1470		0.356577	1
1	2	17	79.5	1413		0.67365	
2	2	17	56.3	1636		1.559614	
3	2	17	78.3	1741		2.389845	
4	2	17	93.8	1567		2.944847	
5	1	17	69.2			3.460955	
6	2	17	73.9	1277		3.792447	
7	1	17	65.2			4.317024	
8	1	17	77.1			5.157296	
9	2	17	95.1	1590		5.618124	
10	2	17	58.3	1317		6.166098	
11	2	17	79.7	1130		7.090565	
12	2	17	80.4	1346		7.648747	
13	2	17	83.2	1813		8.109863	
14	3	17	73.4	1236	1195	8.773876	
15	2	17	95.1	1859		9.442623	
16	1	17	66.4			9.738274	
17	2	17	71.1	1627		10.352512	
18	1	17	64.1			11.208212	
19	2	17	70.2	1677		11.580643	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	75.5	1602		0.803401	
1	1	9	62.8			1.695866	
2	2	9	79.1	1613		2.313384	
3	1	9	93.1			3.451868	
4	2	9	53.9	1466		4.096052	
5	3	9	85.6	1894	1175	5.378724	
6	2	9	67.1	1356		6.037256	1
7	1	9	64.3			7.048689	
8	3	9	56.1	1882	1770	8.153232	
9	1	9	64.8			8.765585	
10	3	9	79.9	1579	1673	9.444028	
11	2	9	73.3	1784		10.224145	
12	2	9	71	1894		11.474707	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	60	1366		0.296704	
1	2	13	59.9	1208		1.159903	
2	3	13	78.6	1274	1722	2.241781	
3	2	13	64	1748		2.818824	
4	2	13	75.2	1948		3.837001	
5	3	13	70.9	1148	1162	4.668423	
6	1	13	60.4			5.505024	
7	2	13	90.8	1941		5.656529	1
8	2	13	84.1	1865		6.826255	
9	2	13	84.2	1644		7.92505	
10	2	13	93.3	1916		8.294091	
11	3	13	54	1105	1524	8.875662	
12	3	13	66.9	1318	1091	9.662836	
13	2	13	63.3	1379		10.995285	
14	3	13	80.3	1316	1814	11.522301	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	61.5	1075		0.008642	1
1	2	16	56.8	1412		1.318913	
2	2	16	70.3	1516		1.829175	
3	1	16	96.8			2.351495	
4	2	16	72.8	1187		2.806006	
5	2	16	67.5	1217		3.598101	
6	3	16	52.6	1379	1655	4.363333	
7	2	16	59.9	1475		5.063006	
8	1	16	97.8			5.920409	
9	2	16	55.5	1757		6.152648	
10	2	16	98.5	1274		7.067459	
11	3	16	69.3	1452	1455	7.969939	
12	1	16	61.8			8.414608	
13	2	16	55.1	1080		9.258431	
14	1	16	51.8			9.479774	
15	2	16	59.4	1167		10.504262	
16	1	16	93.2			10.736968	
17	2	16	91.9	1461		11.980024	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	93	1322		0.206465	1
1	2	6	57.9	1794		1.706404	
2	2	6	60.2	1595		2.656375	
3	2	6	82.3	1467		3.413457	
4	3	6	57.5	1509	1345	5.275386	
5	1	6	58.3			6.535224	
6	2	6	83.5	1281		6.964285	
7	2	6	96.3	1555		7.76946	
8	2	6	93.4	1844		8.744525	
9	1	6	77.4			10.648794	
10	2	6	57.2	1747		11.740108	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	80	1461		0.288564	0
1	2	17	63.1	1469		1.777378	
2	2	17	88.4	1872		2.957662	
3	3	17	52	1833	1112	3.468109	
4	2	17	51.4	1009		4.2631	
5	2	17	69.8	1061		5.40082	
6	2	17	84.2	1569		6.915321	
7	3	17	98.3	1711	1152	7.135912	
8	2	17	64.8	1969		8.165221	
9	2	17	84.4	1766		9.728748	
10	2	17	82.3	1026		10.422824	
11	1	17	86.9			11.705013	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	69.1	1062		0.49089	1
1	2	8	81.7	1862		1.244666	
2	2	8	97.3	1195		1.707273	
3	2	8	52.5	1119		2.141659	
4	3	8	94.3	1912	1687	2.825534	
5	2	8	64.3	1753		3.825709	
6	2	8	54.6	1988		4.02488	
7	2	8	71.8	1514		5.208244	
8	2	8	75	1302		5.488258	
9	3	8	96.4	1671	1730	6.565192	
10	3	8	93.1	1687	1874	7.323725	
11	1	8	77.3			7.822586	
12	2	8	78.4	1928		8.084751	
13	3	8	66.8	1969	1965	9.14265	
14	2	8	77.5	1241		9.951815	
15	1	8	97.7			10.080297	
16	1	8	52.6			10.875718	
17	3	8	69.7	1307	1522	11.434786	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	55.1			0.994046	1
1	2	15	75.9	1282		1.708032	
2	1	15	78.8			2.953716	
3	1	15	63			3.662102	
4	2	15	75.6	1562		4.676645	
5	1	15	65.1			5.972592	
6	1	15	98.3			6.060781	
7	1	15	52.8			7.242903	
8	3	15	51.9	1461	1807	8.986966	
9	1	15	53			9.774625	
10	3	15	85.9	1959	1644	10.53384	
11	3	15	61.6	1306	1006	11.264589	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	60.1	1727		1.120684	1
1	2	6	63.5	1294		2.565629	
2	2	6	65.4	1901		3.860035	
3	3	6	96.9	1824	1692	5.309541	
4	2	6	74.2	1296		5.8546	
5	2	6	81	1619		7.012148	
6	3	6	58.8	1585	1497	9.248568	
7	2	6	50.1	1654		10.358414	
8	3	6	96.3	1928	1991	11.590123	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	96.4	1534		0.057434	
1	2	13	65.7	1159		1.090582	
2	3	13	77.9	1197	1439	2.004552	
3	2	13	54.6	1360		2.814473	
4	1	13	64.1			3.013031	
5	2	13	74.3	1239		4.223114	
6	1	13	65.8			4.39345	
7	2	13	97.6	1961		5.323464	
8	3	13	98.5	1436	1315	5.837975	1
9	1	13	89.8			6.846546	
10	3	13	54.4	1798	1923	7.418239	
11	3	13	60.5	1349	1327	7.835123	
12	1	13	79			8.894577	
13	1	13	67.9			9.439097	
14	3	13	80.5	1662	1501	10.528707	
15	1	13	83.7			10.953918	
16	3	13	64.5	1016	1111	11.781598	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	51.8			0.689125	
1	1	15	64.2			1.40797	
2	2	15	65.1	1648		2.484779	
3	1	15	50.9			3.491369	
4	2	15	65.2	1886		3.793844	
5	2	15	98.5	1300		4.874702	
6	1	15	86.8			5.713643	0
7	1	15	61.5			7.284072	
8	2	15	73.5	1606		7.744846	
9	1	15	75.2			8.46118	
10	1	15	96.2			9.987898	
11	2	15	55.3	1788		10.859608	
12	2	15	78.7	1765		11.142896	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	92.2	1536		0.30284	
1	3	16	73.7	1292	1551	0.951316	
2	2	16	89	1945		1.621216	
3	2	16	80.3	1867		2.388577	
4	1	16	99.9			2.663251	
5	2	16	88.8	1825		3.438029	
6	3	16	68.6	1020	1515	3.827761	
7	2	16	71.4	1052		4.491379	
8	3	16	74.6	1732	1047	5.273231	
9	1	16	94.7			5.844275	1
10	1	16	88.9			6.619236	
11	2	16	64.4	1812		6.95667	
12	2	16	96.5	1240		7.910711	
13	3	16	98	1289	1537	8.596931	
14	3	16	75.4	1790	1639	8.992789	
15	2	16	76.5	1230		9.496747	
16	3	16	83.1	1821	1214	10.705976	
17	2	16	92.5	1853		10.783852	
18	1	16	99.3			11.954611	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	70	1545	1407	0.797144	
1	1	15	67.3			2.151841	
2	2	15	67.3	1332		3.03834	
3	2	15	54.3	1162		4.563493	
4	1	15	72.3			6.197931	1
5	3	15	81.4	1972	1262	6.771873	
6	2	15	70.8	1770		9.14536	
7	2	15	77.2	1314		9.801704	
8	3	15	82.5	1916	1282	11.491241	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	51.4	1164		0.448857	1
1	2	11	100	1859		0.715469	
2	1	11	85.5			1.607927	
3	2	11	64.7	1380		2.120855	
4	1	11	74.1			2.726927	
5	2	11	78.4	1382		3.768936	
6	2	11	65.4	1765		4.235261	
7	1	11	65.1			4.856992	
8	2	11	57.2	1751		5.347709	
9	1	11	56.3			6.357974	
10	2	11	72.7	1467		6.726671	
11	2	11	69.8	1828		7.617964	
12	3	11	68.1	1536	1879	8.07211	
13	3	11	83.9	1785	1130	8.679465	
14	1	11	96.3			9.896626	
15	2	11	83.7	1045		10.523862	
16	1	11	76.4			10.976145	
17	1	11	81.5			11.737381	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	51.2			0.63774	1
1	2	20	70.6	1402		1.511707	
2	2	20	68.2	1514		3.130091	
3	3	20	83.7	1744	1741	4.216671	
4	1	20	96.1			4.747222	
5	2	20	76.4	1351		6.266706	
6	2	20	88.1	1481		6.817536	
7	2	20	76.9	1315		8.342578	
8	2	20	71.1	1063		9.330986	
9	2	20	80.1	1371		9.96252	
10	2	20	64	1426		11.700582	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	85.3	1477		0.374226	1
1	1	17	58.6			0.782575	
2	3	17	51.1	1433	1417	2.064282	
3	3	17	81.8	1648	1015	2.421746	
4	3	17	58	1651	1326	3.318708	
5	3	17	84.3	1442	1647	4.121165	
6	1	17	68.8			5.060881	
7	3	17	59.2	1035	1908	5.306381	
8	2	17	99.5	1949		6.415267	
9	2	17	62.9	1013		7.422222	
10	2	17	83.4	1592		8.171017	
11	1	17	63.5			8.410811	
12	2	17	67.5	1412		9.04044	
13	2	17	57.7	1952		10.456009	
14	3	17	72.8	1963	1270	10.558419	
15	2	17	71.3	1855		11.670306	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	94.2	1160	1341	0.014942	1
1	3	11	99.5	1760	1015	1.388179	
2	2	11	73	1805		1.630042	
3	2	11	76.8	1532		2.715704	
4	2	11	55.8	1768		3.255043	
5	3	11	56.9	1287	1407	4.014809	
6	2	11	50.5	1647		4.327353	
7	2	11	84.8	1127		5.591087	
8	2	11	85.3	1668		6.095009	
9	2	11	76.6	1551		7.024166	
10	2	11	77.7	1017		7.119213	
11	2	11	64.6	1322		8.387295	
12	2	11	54.8	1833		8.698792	
13	2	11	55.3	1583		9.268088	
14	2	11	64.9	1400		10.528597	
15	2	11	64.3	1637		10.959624	
16	3	11	71.4	1982	1583	11.434515	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	65.5	1058		0.119783	
1	1	14	63.5			1.356501	
2	2	14	98.8	1069		1.888106	
3	2	14	88.1	1258		2.374247	
4	2	14	98.9	1629		2.881468	
5	2	14	51.6	1110		3.90071	
6	2	14	83.8	1932		4.784982	
7	3	14	95.5	1084	1101	5.238328	
8	2	14	97.5	1040		5.87221	1
9	3	14	81.2	1065	1564	6.370642	
10	1	14	57.4			7.549807	
11	2	14	59.8	1239		8.437451	
12	3	14	58.9	1167	1828	8.829047	
13	1	14	76.8			9.464717	
14	1	14	90.5			10.234104	
15	2	14	54.6	1471		11.210468	
16	1	14	99.7			11.74245	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	50.7			0.533983	
1	3	7	88.9	1702	1161	1.800014	
2	3	7	56.3	1849	1462	2.346581	
3	3	7	59.5	1209	1195	3.772477	
4	1	7	98.3			4.586783	
5	2	7	65.1	1058		6.297247	1
6	2	7	66.3	1979		7.129014	
7	2	7	89.7	1792		7.97739	
8	2	7	65.1	1824		9.030375	
9	2	7	87	1290		10.252505	
10	3	7	73.6	1154	1651	10.915844	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500	9	1	333	1	5277.0, 5504.0, 5290.0, 5500.0, 5423.0, 5464.0, 5655.0, 5358.0, 5684.0, 5316.0, 5396.0, 5463.0, 5711.0, 5328.0, 5524.0, 5319.0, 5322.0, 5617.0, 5454.0, 5278.0, 5379.0, 5371.0, 5540.0, 5377.0, 5345.0, 5483.0, 5467.0, 5601.0, 5659.0, 5417.0, 5621.0, 5531.0, 5700.0, 5273.0, 5585.0, 5634.0, 5279.0, 5303.0, 5530.0, 5402.0, 5639.0, 5584.0, 5388.0, 5717.0, 5630.0, 5363.0, 5625.0, 5329.0, 5694.0, 5712.0, 5430.0, 5391.0, 5512.0, 5431.0, 5535.0, 5602.0, 5515.0, 5419.0, 5692.0, 5572.0, 5506.0, 5609.0, 5321.0, 5505.0, 5452.0, 5650.0, 5539.0, 5343.0, 5607.0, 5368.0, 5715.0, 5722.0, 5292.0, 5432.0, 5496.0, 5385.0, 5416.0, 5704.0, 5573.0, 5614.0, 5493.0, 5446.0, 5411.0, 5460.0, 5461.0, 5448.0, 5280.0, 5265.0, 5268.0, 5320.0, 5495.0, 5438.0, 5575.0, 5673.0, 5561.0, 5660.0, 5689.0, 5498.0, 5369.0, 5412.0 (number of hits: 8)
2	5500	9	1	333	1	5600.0, 5626.0, 5258.0, 5354.0, 5474.0, 5465.0, 5393.0, 5365.0, 5686.0, 5458.0, 5634.0, 5386.0, 5452.0, 5607.0, 5293.0, 5497.0, 5510.0, 5486.0, 5408.0, 5654.0, 5307.0, 5449.0, 5646.0, 5656.0, 5496.0, 5506.0, 5401.0, 5639.0, 5630.0, 5616.0, 5498.0, 5374.0, 5441.0, 5502.0, 5669.0, 5309.0, 5531.0, 5372.0, 5334.0, 5468.0, 5433.0, 5718.0, 5400.0, 5563.0, 5610.0, 5501.0, 5695.0, 5527.0, 5382.0, 5707.0, 5429.0, 5674.0, 5409.0, 5256.0, 5628.0, 5723.0, 5288.0, 5676.0, 5587.0, 5329.0, 5675.0, 5272.0, 5464.0, 5411.0, 5282.0, 5568.0, 5323.0, 5431.0, 5691.0, 5597.0, 5466.0, 5663.0, 5606.0, 5350.0, 5342.0, 5316.0, 5480.0, 5469.0, 5322.0, 5279.0, 5713.0, 5370.0, 5672.0, 5703.0, 5671.0, 5719.0, 5267.0, 5442.0, 5357.0, 5588.0, 5343.0, 5601.0, 5366.0, 5495.0, 5405.0, 5559.0, 5463.0, 5550.0, 5604.0, 5621.0 (number of hits: 7)
3	5500	9	1	333	1	5264.0, 5507.0, 5513.0, 5555.0, 5681.0, 5621.0, 5660.0, 5589.0, 5292.0, 5335.0, 5703.0, 5626.0, 5429.0, 5688.0, 5637.0, 5718.0, 5415.0, 5456.0, 5713.0, 5306.0, 5492.0, 5377.0, 5340.0, 5710.0, 5368.0, 5573.0, 5400.0, 5477.0, 5516.0, 5455.0, 5715.0, 5585.0, 5276.0, 5590.0, 5596.0, 5616.0, 5548.0, 5624.0, 5556.0, 5517.0, 5562.0, 5487.0, 5623.0, 5299.0, 5568.0, 5617.0, 5614.0, 5315.0, 5720.0, 5375.0, 5481.0, 5308.0, 5724.0, 5309.0, 5586.0, 5647.0, 5406.0, 5485.0, 5402.0, 5575.0,

						5294.0, 5345.0, 5577.0, 5283.0, 5631.0, 5322.0, 5676.0, 5451.0, 5684.0, 5563.0, 5663.0, 5346.0, 5550.0, 5327.0, 5394.0, 5622.0, 5439.0, 5712.0, 5305.0, 5348.0, 5659.0, 5268.0, 5366.0, 5632.0, 5535.0, 5707.0, 5419.0, 5689.0, 5427.0, 5403.0, 5670.0, 5714.0, 5436.0, 5559.0, 5549.0, 5699.0, 5468.0, 5475.0, 5601.0, 5373.0 (number of hits: 2)
4	5500	9	1	333	1	5348.0, 5390.0, 5297.0, 5723.0, 5452.0, 5266.0, 5260.0, 5461.0, 5512.0, 5595.0, 5650.0, 5405.0, 5287.0, 5342.0, 5471.0, 5357.0, 5264.0, 5408.0, 5494.0, 5361.0, 5653.0, 5398.0, 5481.0, 5505.0, 5286.0, 5329.0, 5328.0, 5711.0, 5315.0, 5411.0, 5396.0, 5520.0, 5705.0, 5267.0, 5678.0, 5722.0, 5484.0, 5258.0, 5489.0, 5346.0, 5631.0, 5626.0, 5428.0, 5524.0, 5584.0, 5612.0, 5434.0, 5384.0, 5588.0, 5352.0, 5632.0, 5466.0, 5543.0, 5326.0, 5621.0, 5552.0, 5627.0, 5375.0, 5442.0, 5571.0, 5363.0, 5333.0, 5596.0, 5622.0, 5397.0, 5573.0, 5493.0, 5600.0, 5331.0, 5690.0, 5309.0, 5664.0, 5555.0, 5480.0, 5599.0, 5619.0, 5341.0, 5475.0, 5459.0, 5701.0, 5259.0, 5424.0, 5311.0, 5463.0, 5523.0, 5506.0, 5497.0, 5355.0, 5482.0, 5414.0, 5691.0, 5382.0, 5472.0, 5270.0, 5440.0, 5310.0, 5642.0, 5556.0, 5515.0, 5455.0 (number of hits: 5)
5	5500	9	1	333	1	5704.0, 5372.0, 5419.0, 5299.0, 5319.0, 5593.0, 5476.0, 5447.0, 5582.0, 5463.0, 5723.0, 5691.0, 5626.0, 5655.0, 5653.0, 5285.0, 5625.0, 5641.0, 5590.0, 5408.0, 5630.0, 5504.0, 5278.0, 5361.0, 5402.0, 5384.0, 5610.0, 5591.0, 5428.0, 5572.0, 5256.0, 5576.0, 5479.0, 5678.0, 5669.0, 5363.0, 5337.0, 5608.0, 5601.0, 5324.0, 5485.0, 5627.0, 5566.0, 5555.0, 5620.0, 5305.0, 5720.0, 5671.0, 5505.0, 5369.0, 5497.0, 5474.0, 5595.0, 5695.0, 5311.0, 5666.0, 5685.0, 5656.0, 5670.0, 5368.0, 5545.0, 5394.0, 5526.0, 5327.0, 5436.0, 5445.0, 5565.0, 5518.0, 5289.0, 5612.0, 5531.0, 5258.0, 5263.0, 5298.0, 5259.0, 5668.0, 5492.0, 5469.0, 5645.0, 5413.0, 5359.0, 5549.0, 5357.0, 5360.0, 5544.0, 5722.0, 5543.0, 5251.0, 5328.0, 5316.0, 5420.0, 5302.0, 5351.0, 5308.0, 5524.0, 5446.0, 5571.0, 5451.0, 5309.0, 5631.0 (number of hits: 4)
6	5500	9	1	333	1	5402.0, 5374.0, 5408.0, 5470.0, 5438.0, 5575.0, 5605.0, 5614.0, 5715.0, 5663.0, 5456.0, 5567.0, 5329.0, 5475.0, 5419.0, 5420.0, 5393.0, 5638.0, 5637.0, 5640.0, 5609.0, 5371.0, 5516.0, 5301.0, 5261.0, 5569.0, 5703.0, 5647.0, 5264.0, 5412.0, 5313.0, 5308.0, 5309.0, 5318.0, 5570.0, 5498.0, 5350.0, 5660.0, 5444.0, 5643.0, 5312.0, 5699.0, 5336.0, 5636.0, 5552.0,

						5684.0, 5680.0, 5302.0, 5378.0, 5260.0, 5401.0, 5349.0, 5461.0, 5488.0, 5436.0, 5483.0, 5437.0, 5700.0, 5635.0, 5574.0, 5414.0, 5641.0, 5513.0, 5602.0, 5476.0, 5631.0, 5474.0, 5495.0, 5284.0, 5379.0, 5573.0, 5357.0, 5673.0, 5328.0, 5427.0, 5273.0, 5548.0, 5577.0, 5282.0, 5299.0, 5396.0, 5295.0, 5257.0, 5613.0, 5321.0, 5304.0, 5710.0, 5551.0, 5707.0, 5598.0, 5526.0, 5587.0, 5300.0, 5634.0, 5506.0, 5649.0, 5276.0, 5545.0, 5530.0, 5433.0 (number of hits: 3)
7	5500	9	1	333	1	5400.0, 5608.0, 5604.0, 5545.0, 5600.0, 5673.0, 5349.0, 5290.0, 5483.0, 5484.0, 5377.0, 5297.0, 5723.0, 5541.0, 5394.0, 5271.0, 5371.0, 5546.0, 5496.0, 5411.0, 5270.0, 5319.0, 5601.0, 5629.0, 5434.0, 5617.0, 5657.0, 5480.0, 5702.0, 5607.0, 5440.0, 5307.0, 5282.0, 5535.0, 5540.0, 5327.0, 5655.0, 5313.0, 5618.0, 5587.0, 5287.0, 5504.0, 5413.0, 5458.0, 5414.0, 5429.0, 5374.0, 5466.0, 5575.0, 5396.0, 5639.0, 5539.0, 5358.0, 5492.0, 5422.0, 5707.0, 5686.0, 5344.0, 5415.0, 5341.0, 5624.0, 5516.0, 5259.0, 5578.0, 5502.0, 5640.0, 5647.0, 5421.0, 5494.0, 5619.0, 5612.0, 5331.0, 5580.0, 5713.0, 5665.0, 5528.0, 5376.0, 5537.0, 5543.0, 5711.0, 5701.0, 5653.0, 5281.0, 5431.0, 5345.0, 5503.0, 5283.0, 5343.0, 5551.0, 5719.0, 5360.0, 5346.0, 5636.0, 5680.0, 5620.0, 5325.0, 5347.0, 5463.0, 5473.0, 5570.0 (number of hits: 6)
8	5500	9	1	333	1	5613.0, 5301.0, 5584.0, 5462.0, 5699.0, 5417.0, 5447.0, 5332.0, 5363.0, 5687.0, 5723.0, 5489.0, 5591.0, 5566.0, 5350.0, 5340.0, 5491.0, 5353.0, 5487.0, 5717.0, 5621.0, 5622.0, 5351.0, 5693.0, 5383.0, 5311.0, 5312.0, 5463.0, 5254.0, 5521.0, 5479.0, 5701.0, 5458.0, 5662.0, 5421.0, 5623.0, 5387.0, 5620.0, 5265.0, 5354.0, 5358.0, 5344.0, 5567.0, 5513.0, 5657.0, 5257.0, 5527.0, 5609.0, 5603.0, 5515.0, 5535.0, 5671.0, 5553.0, 5343.0, 5721.0, 5253.0, 5540.0, 5575.0, 5651.0, 5493.0, 5424.0, 5310.0, 5440.0, 5545.0, 5361.0, 5437.0, 5373.0, 5277.0, 5702.0, 5287.0, 5498.0, 5376.0, 5448.0, 5682.0, 5273.0, 5431.0, 5460.0, 5674.0, 5568.0, 5342.0, 5397.0, 5503.0, 5403.0, 5331.0, 5628.0, 5410.0, 5490.0, 5523.0, 5306.0, 5367.0, 5355.0, 5321.0, 5583.0, 5415.0, 5534.0, 5705.0, 5700.0, 5468.0, 5305.0, 5593.0 (number of hits: 4)
9	5500	9	1	333	1	5335.0, 5711.0, 5364.0, 5344.0, 5460.0, 5591.0, 5384.0, 5312.0, 5571.0, 5583.0, 5656.0, 5334.0, 5317.0, 5633.0, 5602.0, 5278.0, 5644.0, 5697.0, 5292.0, 5568.0, 5447.0, 5313.0, 5406.0, 5359.0, 5450.0, 5625.0, 5701.0, 5717.0, 5341.0, 5605.0,

						5608.0, 5388.0, 5373.0, 5446.0, 5540.0, 5694.0, 5402.0, 5719.0, 5687.0, 5387.0, 5490.0, 5462.0, 5594.0, 5315.0, 5422.0, 5573.0, 5621.0, 5483.0, 5544.0, 5456.0, 5488.0, 5285.0, 5595.0, 5676.0, 5439.0, 5534.0, 5451.0, 5318.0, 5366.0, 5502.0, 5556.0, 5316.0, 5691.0, 5477.0, 5585.0, 5495.0, 5362.0, 5529.0, 5263.0, 5377.0, 5525.0, 5329.0, 5479.0, 5572.0, 5302.0, 5500.0, 5512.0, 5348.0, 5510.0, 5664.0, 5558.0, 5555.0, 5252.0, 5322.0, 5509.0, 5638.0, 5685.0, 5629.0, 5349.0, 5642.0, 5709.0, 5599.0, 5647.0, 5420.0, 5681.0, 5570.0, 5474.0, 5686.0, 5277.0, 5457.0 (number of hits: 3)
10	5500	9	1	333	1	5481.0, 5490.0, 5693.0, 5362.0, 5505.0, 5352.0, 5289.0, 5555.0, 5635.0, 5259.0, 5413.0, 5403.0, 5480.0, 5585.0, 5672.0, 5654.0, 5450.0, 5308.0, 5298.0, 5563.0, 5561.0, 5511.0, 5359.0, 5614.0, 5688.0, 5571.0, 5368.0, 5706.0, 5336.0, 5294.0, 5526.0, 5488.0, 5558.0, 5305.0, 5574.0, 5665.0, 5708.0, 5468.0, 5648.0, 5637.0, 5266.0, 5487.0, 5619.0, 5306.0, 5606.0, 5700.0, 5640.0, 5611.0, 5401.0, 5456.0, 5431.0, 5681.0, 5605.0, 5519.0, 5300.0, 5353.0, 5302.0, 5427.0, 5595.0, 5587.0, 5394.0, 5309.0, 5510.0, 5608.0, 5348.0, 5320.0, 5623.0, 5274.0, 5538.0, 5279.0, 5321.0, 5317.0, 5556.0, 5711.0, 5685.0, 5250.0, 5492.0, 5429.0, 5263.0, 5689.0, 5634.0, 5380.0, 5376.0, 5603.0, 5592.0, 5316.0, 5697.0, 5389.0, 5600.0, 5400.0, 5659.0, 5310.0, 5533.0, 5346.0, 5516.0, 5687.0, 5291.0, 5494.0, 5454.0, 5478.0 (number of hits: 3)
11	5500	9	1	333	1	5710.0, 5281.0, 5705.0, 5659.0, 5491.0, 5510.0, 5679.0, 5594.0, 5336.0, 5593.0, 5277.0, 5643.0, 5584.0, 5521.0, 5709.0, 5575.0, 5698.0, 5282.0, 5388.0, 5271.0, 5514.0, 5448.0, 5625.0, 5678.0, 5478.0, 5654.0, 5576.0, 5696.0, 5296.0, 5608.0, 5289.0, 5693.0, 5330.0, 5542.0, 5633.0, 5490.0, 5694.0, 5588.0, 5312.0, 5408.0, 5450.0, 5366.0, 5372.0, 5564.0, 5543.0, 5492.0, 5286.0, 5368.0, 5712.0, 5621.0, 5586.0, 5402.0, 5637.0, 5680.0, 5589.0, 5373.0, 5301.0, 5681.0, 5447.0, 5554.0, 5635.0, 5319.0, 5571.0, 5359.0, 5499.0, 5632.0, 5351.0, 5648.0, 5256.0, 5630.0, 5268.0, 5540.0, 5577.0, 5416.0, 5626.0, 5355.0, 5326.0, 5606.0, 5365.0, 5461.0, 5397.0, 5520.0, 5400.0, 5557.0, 5418.0, 5335.0, 5597.0, 5267.0, 5672.0, 5526.0, 5465.0, 5458.0, 5435.0, 5508.0, 5285.0, 5615.0, 5650.0, 5442.0, 5428.0, 5603.0 (number of hits: 4)
12	5500	9	1	333	1	5554.0, 5383.0, 5514.0, 5544.0, 5422.0, 5304.0, 5482.0, 5570.0, 5342.0, 5376.0, 5295.0, 5471.0, 5638.0, 5694.0, 5639.0,

						5646.0, 5500.0, 5406.0, 5572.0, 5434.0, 5722.0, 5311.0, 5606.0, 5346.0, 5345.0, 5561.0, 5623.0, 5389.0, 5470.0, 5402.0, 5667.0, 5294.0, 5447.0, 5640.0, 5323.0, 5693.0, 5516.0, 5320.0, 5477.0, 5627.0, 5704.0, 5328.0, 5256.0, 5344.0, 5481.0, 5455.0, 5610.0, 5695.0, 5527.0, 5559.0, 5335.0, 5641.0, 5329.0, 5582.0, 5666.0, 5492.0, 5705.0, 5265.0, 5397.0, 5291.0, 5363.0, 5642.0, 5385.0, 5670.0, 5404.0, 5303.0, 5289.0, 5486.0, 5521.0, 5340.0, 5306.0, 5583.0, 5625.0, 5408.0, 5399.0, 5454.0, 5293.0, 5633.0, 5351.0, 5545.0, 5631.0, 5278.0, 5285.0, 5367.0, 5674.0, 5302.0, 5519.0, 5421.0, 5716.0, 5503.0, 5529.0, 5573.0, 5598.0, 5697.0, 5564.0, 5600.0, 5405.0, 5498.0, 5531.0, 5613.0 (number of hits: 4)
13	5500	9	1	333	1	5358.0, 5430.0, 5396.0, 5718.0, 5722.0, 5290.0, 5591.0, 5636.0, 5409.0, 5469.0, 5689.0, 5493.0, 5515.0, 5346.0, 5434.0, 5556.0, 5562.0, 5380.0, 5377.0, 5278.0, 5282.0, 5712.0, 5691.0, 5476.0, 5418.0, 5337.0, 5286.0, 5566.0, 5610.0, 5514.0, 5264.0, 5338.0, 5717.0, 5424.0, 5506.0, 5652.0, 5648.0, 5333.0, 5457.0, 5277.0, 5625.0, 5632.0, 5387.0, 5532.0, 5509.0, 5256.0, 5402.0, 5322.0, 5411.0, 5492.0, 5504.0, 5592.0, 5565.0, 5552.0, 5423.0, 5646.0, 5473.0, 5463.0, 5501.0, 5455.0, 5611.0, 5401.0, 5325.0, 5275.0, 5281.0, 5314.0, 5312.0, 5637.0, 5307.0, 5491.0, 5442.0, 5535.0, 5437.0, 5573.0, 5292.0, 5547.0, 5608.0, 5620.0, 5321.0, 5365.0, 5310.0, 5262.0, 5578.0, 5408.0, 5594.0, 5668.0, 5505.0, 5595.0, 5271.0, 5586.0, 5650.0, 5653.0, 5352.0, 5268.0, 5635.0, 5669.0, 5435.0, 5706.0, 5429.0, 5681.0 (number of hits: 7)
14	5500	9	1	333	1	5553.0, 5666.0, 5695.0, 5277.0, 5644.0, 5308.0, 5414.0, 5323.0, 5334.0, 5383.0, 5686.0, 5419.0, 5292.0, 5289.0, 5667.0, 5270.0, 5703.0, 5645.0, 5341.0, 5539.0, 5604.0, 5718.0, 5286.0, 5426.0, 5522.0, 5566.0, 5656.0, 5361.0, 5671.0, 5393.0, 5708.0, 5578.0, 5487.0, 5536.0, 5488.0, 5716.0, 5543.0, 5523.0, 5493.0, 5411.0, 5315.0, 5508.0, 5658.0, 5527.0, 5300.0, 5351.0, 5517.0, 5412.0, 5583.0, 5525.0, 5438.0, 5715.0, 5633.0, 5278.0, 5565.0, 5674.0, 5580.0, 5264.0, 5408.0, 5599.0, 5538.0, 5398.0, 5468.0, 5297.0, 5392.0, 5623.0, 5458.0, 5435.0, 5318.0, 5561.0, 5327.0, 5287.0, 5696.0, 5320.0, 5529.0, 5310.0, 5475.0, 5440.0, 5641.0, 5432.0, 5423.0, 5596.0, 5688.0, 5394.0, 5711.0, 5444.0, 5675.0, 5600.0, 5569.0, 5378.0, 5427.0, 5657.0, 5254.0, 5588.0, 5503.0, 5381.0, 5660.0, 5605.0, 5609.0, 5436.0 (number of hits: 3)

15	5500	9	1	333	1	5292.0, 5558.0, 5668.0, 5390.0, 5673.0, 5581.0, 5637.0, 5542.0, 5334.0, 5349.0, 5274.0, 5480.0, 5615.0, 5353.0, 5271.0, 5617.0, 5320.0, 5445.0, 5584.0, 5638.0, 5386.0, 5481.0, 5501.0, 5278.0, 5641.0, 5411.0, 5420.0, 5599.0, 5425.0, 5629.0, 5265.0, 5496.0, 5722.0, 5367.0, 5657.0, 5469.0, 5452.0, 5410.0, 5658.0, 5360.0, 5326.0, 5565.0, 5400.0, 5712.0, 5448.0, 5711.0, 5388.0, 5507.0, 5422.0, 5280.0, 5656.0, 5569.0, 5506.0, 5564.0, 5633.0, 5342.0, 5433.0, 5301.0, 5549.0, 5318.0, 5526.0, 5578.0, 5296.0, 5611.0, 5620.0, 5421.0, 5345.0, 5686.0, 5632.0, 5393.0, 5403.0, 5546.0, 5254.0, 5577.0, 5508.0, 5606.0, 5310.0, 5646.0, 5516.0, 5604.0, 5398.0, 5316.0, 5331.0, 5544.0, 5376.0, 5628.0, 5473.0, 5368.0, 5665.0, 5366.0, 5451.0, 5696.0, 5375.0, 5607.0, 5405.0, 5490.0, 5380.0, 5551.0, 5631.0, 5314.0 (number of hits: 5)
16	5500	9	1	333	1	5719.0, 5384.0, 5647.0, 5404.0, 5503.0, 5691.0, 5712.0, 5464.0, 5259.0, 5374.0, 5560.0, 5566.0, 5367.0, 5422.0, 5331.0, 5519.0, 5693.0, 5328.0, 5600.0, 5567.0, 5664.0, 5449.0, 5717.0, 5488.0, 5473.0, 5666.0, 5510.0, 5723.0, 5408.0, 5694.0, 5445.0, 5429.0, 5553.0, 5683.0, 5409.0, 5601.0, 5325.0, 5400.0, 5492.0, 5579.0, 5509.0, 5652.0, 5326.0, 5594.0, 5496.0, 5533.0, 5392.0, 5377.0, 5294.0, 5507.0, 5481.0, 5698.0, 5672.0, 5390.0, 5396.0, 5339.0, 5569.0, 5715.0, 5401.0, 5718.0, 5515.0, 5494.0, 5629.0, 5689.0, 5334.0, 5642.0, 5622.0, 5307.0, 5265.0, 5397.0, 5628.0, 5454.0, 5393.0, 5475.0, 5528.0, 5360.0, 5577.0, 5310.0, 5283.0, 5684.0, 5685.0, 5366.0, 5620.0, 5663.0, 5441.0, 5623.0, 5423.0, 5340.0, 5643.0, 5391.0, 5630.0, 5385.0, 5631.0, 5336.0, 5450.0, 5615.0, 5710.0, 5433.0, 5613.0, 5634.0 (number of hits: 5)
17	5500	9	1	333	1	5430.0, 5721.0, 5264.0, 5515.0, 5656.0, 5375.0, 5583.0, 5426.0, 5566.0, 5368.0, 5672.0, 5261.0, 5617.0, 5283.0, 5396.0, 5508.0, 5466.0, 5510.0, 5255.0, 5657.0, 5526.0, 5392.0, 5362.0, 5532.0, 5448.0, 5536.0, 5286.0, 5335.0, 5432.0, 5378.0, 5366.0, 5571.0, 5613.0, 5664.0, 5551.0, 5456.0, 5354.0, 5712.0, 5650.0, 5558.0, 5679.0, 5556.0, 5611.0, 5513.0, 5457.0, 5680.0, 5475.0, 5643.0, 5320.0, 5612.0, 5518.0, 5454.0, 5722.0, 5599.0, 5546.0, 5720.0, 5708.0, 5594.0, 5619.0, 5681.0, 5709.0, 5592.0, 5453.0, 5379.0, 5640.0, 5565.0, 5425.0, 5397.0, 5280.0, 5686.0, 5325.0, 5312.0, 5703.0, 5642.0, 5348.0, 5410.0, 5285.0, 5506.0, 5465.0, 5648.0, 5674.0, 5688.0, 5339.0, 5509.0, 5693.0, 5377.0, 5487.0, 5387.0, 5458.0, 5491.0,

						5390.0, 5500.0, 5473.0, 5326.0, 5484.0, 5625.0, 5527.0, 5482.0, 5271.0, 5412.0 (number of hits: 4)
18	5500	9	1	333	1	5371.0, 5329.0, 5565.0, 5256.0, 5534.0, 5375.0, 5307.0, 5405.0, 5693.0, 5279.0, 5428.0, 5399.0, 5397.0, 5724.0, 5413.0, 5716.0, 5368.0, 5528.0, 5366.0, 5513.0, 5479.0, 5668.0, 5506.0, 5676.0, 5417.0, 5689.0, 5318.0, 5326.0, 5441.0, 5416.0, 5298.0, 5650.0, 5382.0, 5703.0, 5660.0, 5712.0, 5705.0, 5264.0, 5592.0, 5544.0, 5332.0, 5354.0, 5291.0, 5519.0, 5616.0, 5608.0, 5538.0, 5250.0, 5520.0, 5619.0, 5554.0, 5669.0, 5467.0, 5498.0, 5303.0, 5605.0, 5597.0, 5407.0, 5349.0, 5509.0, 5321.0, 5578.0, 5522.0, 5702.0, 5495.0, 5694.0, 5516.0, 5654.0, 5266.0, 5362.0, 5709.0, 5323.0, 5604.0, 5389.0, 5609.0, 5391.0, 5370.0, 5696.0, 5526.0, 5598.0, 5300.0, 5311.0, 5421.0, 5511.0, 5648.0, 5635.0, 5655.0, 5471.0, 5310.0, 5330.0, 5385.0, 5620.0, 5537.0, 5442.0, 5335.0, 5626.0, 5541.0, 5533.0, 5568.0, 5492.0 (number of hits: 4)
19	5500	9	1	333	1	5394.0, 5476.0, 5679.0, 5647.0, 5334.0, 5685.0, 5651.0, 5337.0, 5550.0, 5670.0, 5484.0, 5662.0, 5608.0, 5403.0, 5626.0, 5566.0, 5314.0, 5592.0, 5541.0, 5603.0, 5360.0, 5631.0, 5681.0, 5289.0, 5483.0, 5625.0, 5260.0, 5344.0, 5318.0, 5547.0, 5390.0, 5369.0, 5536.0, 5373.0, 5557.0, 5345.0, 5454.0, 5659.0, 5439.0, 5660.0, 5410.0, 5704.0, 5538.0, 5495.0, 5443.0, 5615.0, 5386.0, 5552.0, 5365.0, 5435.0, 5469.0, 5507.0, 5432.0, 5382.0, 5580.0, 5441.0, 5393.0, 5323.0, 5500.0, 5709.0, 5481.0, 5459.0, 5485.0, 5287.0, 5532.0, 5569.0, 5551.0, 5311.0, 5589.0, 5671.0, 5462.0, 5642.0, 5279.0, 5502.0, 5630.0, 5473.0, 5321.0, 5296.0, 5490.0, 5523.0, 5398.0, 5714.0, 5496.0, 5455.0, 5341.0, 5446.0, 5256.0, 5546.0, 5701.0, 5339.0, 5449.0, 5409.0, 5338.0, 5582.0, 5424.0, 5387.0, 5703.0, 5669.0, 5646.0, 5509.0 (number of hits: 5)
20	5500	9	1	333	1	5481.0, 5379.0, 5266.0, 5426.0, 5316.0, 5256.0, 5433.0, 5658.0, 5334.0, 5455.0, 5529.0, 5692.0, 5275.0, 5378.0, 5568.0, 5591.0, 5367.0, 5557.0, 5707.0, 5357.0, 5501.0, 5518.0, 5503.0, 5402.0, 5445.0, 5413.0, 5254.0, 5528.0, 5270.0, 5435.0, 5647.0, 5278.0, 5462.0, 5430.0, 5550.0, 5693.0, 5607.0, 5292.0, 5368.0, 5465.0, 5419.0, 5437.0, 5635.0, 5533.0, 5520.0, 5542.0, 5276.0, 5450.0, 5365.0, 5375.0, 5471.0, 5456.0, 5314.0, 5264.0, 5534.0, 5634.0, 5401.0, 5538.0, 5598.0, 5700.0, 5681.0, 5710.0, 5349.0, 5510.0, 5491.0, 5484.0, 5394.0, 5305.0, 5444.0, 5626.0, 5551.0, 5570.0, 5463.0, 5511.0, 5321.0,

						5268.0, 5312.0, 5716.0, 5343.0, 5563.0, 5525.0, 5601.0, 5425.0, 5592.0, 5344.0, 5494.0, 5662.0, 5332.0, 5370.0, 5565.0, 5361.0, 5272.0, 5605.0, 5447.0, 5696.0, 5389.0, 5586.0, 5405.0, 5720.0, 5476.0 (number of hits: 4)
21	5500	9	1	333	1	5534.0, 5530.0, 5357.0, 5542.0, 5642.0, 5360.0, 5343.0, 5649.0, 5393.0, 5687.0, 5445.0, 5586.0, 5504.0, 5481.0, 5396.0, 5509.0, 5320.0, 5435.0, 5370.0, 5348.0, 5459.0, 5593.0, 5502.0, 5713.0, 5696.0, 5583.0, 5660.0, 5268.0, 5447.0, 5678.0, 5433.0, 5521.0, 5402.0, 5327.0, 5336.0, 5686.0, 5554.0, 5532.0, 5313.0, 5455.0, 5500.0, 5255.0, 5704.0, 5656.0, 5582.0, 5311.0, 5692.0, 5614.0, 5644.0, 5594.0, 5295.0, 5634.0, 5492.0, 5511.0, 5480.0, 5667.0, 5286.0, 5602.0, 5346.0, 5403.0, 5422.0, 5383.0, 5488.0, 5416.0, 5345.0, 5363.0, 5640.0, 5545.0, 5368.0, 5702.0, 5452.0, 5420.0, 5496.0, 5619.0, 5666.0, 5479.0, 5611.0, 5364.0, 5388.0, 5709.0, 5432.0, 5505.0, 5304.0, 5606.0, 5399.0, 5710.0, 5449.0, 5373.0, 5623.0, 5426.0, 5599.0, 5450.0, 5716.0, 5276.0, 5622.0, 5664.0, 5267.0, 5529.0, 5256.0, 5381.0 (number of hits: 6)
22	5500	9	1	333	1	5709.0, 5280.0, 5699.0, 5434.0, 5319.0, 5635.0, 5514.0, 5523.0, 5448.0, 5654.0, 5585.0, 5447.0, 5616.0, 5535.0, 5359.0, 5449.0, 5652.0, 5607.0, 5529.0, 5255.0, 5386.0, 5715.0, 5503.0, 5611.0, 5258.0, 5409.0, 5638.0, 5536.0, 5718.0, 5663.0, 5662.0, 5631.0, 5600.0, 5599.0, 5388.0, 5296.0, 5329.0, 5261.0, 5365.0, 5412.0, 5298.0, 5636.0, 5601.0, 5622.0, 5252.0, 5697.0, 5567.0, 5326.0, 5683.0, 5564.0, 5351.0, 5281.0, 5349.0, 5392.0, 5640.0, 5682.0, 5568.0, 5520.0, 5555.0, 5708.0, 5463.0, 5432.0, 5641.0, 5541.0, 5692.0, 5566.0, 5565.0, 5531.0, 5332.0, 5354.0, 5578.0, 5591.0, 5460.0, 5334.0, 5554.0, 5380.0, 5268.0, 5336.0, 5317.0, 5433.0, 5550.0, 5310.0, 5688.0, 5619.0, 5494.0, 5361.0, 5593.0, 5418.0, 5530.0, 5362.0, 5609.0, 5498.0, 5400.0, 5655.0, 5500.0, 5561.0, 5558.0, 5508.0, 5320.0, 5490.0 (number of hits: 5)
23	5500	9	1	333	1	5383.0, 5464.0, 5532.0, 5345.0, 5253.0, 5528.0, 5282.0, 5375.0, 5366.0, 5314.0, 5548.0, 5718.0, 5525.0, 5705.0, 5549.0, 5441.0, 5480.0, 5619.0, 5628.0, 5716.0, 5495.0, 5394.0, 5450.0, 5271.0, 5623.0, 5675.0, 5281.0, 5252.0, 5611.0, 5516.0, 5312.0, 5444.0, 5440.0, 5676.0, 5497.0, 5288.0, 5254.0, 5410.0, 5328.0, 5560.0, 5378.0, 5556.0, 5561.0, 5390.0, 5530.0, 5334.0, 5654.0, 5319.0, 5256.0, 5507.0, 5431.0, 5502.0, 5323.0, 5722.0, 5416.0, 5419.0, 5414.0, 5468.0, 5721.0, 5664.0,

						5504.0, 5592.0, 5430.0, 5494.0, 5519.0, 5644.0, 5297.0, 5704.0, 5261.0, 5275.0, 5457.0, 5315.0, 5618.0, 5599.0, 5680.0, 5377.0, 5627.0, 5403.0, 5465.0, 5337.0, 5294.0, 5433.0, 5402.0, 5558.0, 5501.0, 5270.0, 5588.0, 5683.0, 5277.0, 5263.0, 5283.0, 5613.0, 5590.0, 5641.0, 5466.0, 5331.0, 5308.0, 5643.0, 5567.0, 5393.0 (number of hits: 7)
24	5500	9	1	333	1	5319.0, 5550.0, 5596.0, 5364.0, 5705.0, 5707.0, 5629.0, 5661.0, 5341.0, 5489.0, 5415.0, 5575.0, 5582.0, 5583.0, 5669.0, 5654.0, 5601.0, 5306.0, 5566.0, 5592.0, 5579.0, 5509.0, 5535.0, 5426.0, 5329.0, 5708.0, 5685.0, 5267.0, 5521.0, 5307.0, 5285.0, 5353.0, 5529.0, 5348.0, 5288.0, 5313.0, 5342.0, 5614.0, 5293.0, 5695.0, 5636.0, 5322.0, 5560.0, 5453.0, 5394.0, 5634.0, 5520.0, 5466.0, 5640.0, 5326.0, 5548.0, 5673.0, 5354.0, 5532.0, 5320.0, 5351.0, 5508.0, 5693.0, 5446.0, 5665.0, 5359.0, 5365.0, 5602.0, 5277.0, 5688.0, 5527.0, 5599.0, 5719.0, 5518.0, 5656.0, 5399.0, 5257.0, 5658.0, 5334.0, 5574.0, 5605.0, 5604.0, 5530.0, 5352.0, 5670.0, 5501.0, 5255.0, 5502.0, 5642.0, 5702.0, 5254.0, 5511.0, 5430.0, 5692.0, 5473.0, 5563.0, 5637.0, 5349.0, 5643.0, 5626.0, 5443.0, 5336.0, 5615.0, 5533.0, 5374.0 (number of hits: 3)
25	5500	9	1	333	1	5354.0, 5627.0, 5296.0, 5696.0, 5565.0, 5539.0, 5703.0, 5649.0, 5674.0, 5709.0, 5625.0, 5367.0, 5645.0, 5657.0, 5590.0, 5280.0, 5517.0, 5685.0, 5462.0, 5530.0, 5363.0, 5632.0, 5446.0, 5304.0, 5555.0, 5274.0, 5413.0, 5678.0, 5335.0, 5473.0, 5444.0, 5285.0, 5470.0, 5431.0, 5526.0, 5327.0, 5399.0, 5601.0, 5620.0, 5305.0, 5268.0, 5568.0, 5259.0, 5252.0, 5538.0, 5584.0, 5661.0, 5524.0, 5276.0, 5556.0, 5436.0, 5499.0, 5713.0, 5608.0, 5656.0, 5587.0, 5429.0, 5594.0, 5476.0, 5651.0, 5374.0, 5381.0, 5624.0, 5447.0, 5689.0, 5494.0, 5598.0, 5352.0, 5360.0, 5463.0, 5493.0, 5295.0, 5340.0, 5339.0, 5583.0, 5349.0, 5273.0, 5416.0, 5287.0, 5535.0, 5720.0, 5256.0, 5634.0, 5522.0, 5373.0, 5636.0, 5525.0, 5311.0, 5614.0, 5422.0, 5471.0, 5604.0, 5679.0, 5418.0, 5477.0, 5611.0, 5528.0, 5700.0, 5411.0, 5309.0 (number of hits: 3)
26	5500	9	1	333	1	5575.0, 5386.0, 5421.0, 5519.0, 5408.0, 5269.0, 5455.0, 5431.0, 5355.0, 5657.0, 5472.0, 5407.0, 5313.0, 5365.0, 5720.0, 5708.0, 5278.0, 5701.0, 5611.0, 5367.0, 5661.0, 5396.0, 5707.0, 5460.0, 5693.0, 5281.0, 5564.0, 5600.0, 5524.0, 5379.0, 5644.0, 5632.0, 5338.0, 5640.0, 5537.0, 5552.0, 5518.0, 5326.0, 5363.0, 5601.0, 5441.0, 5696.0, 5671.0, 5405.0, 5308.0,

						5357.0, 5478.0, 5502.0, 5629.0, 5622.0, 5361.0, 5343.0, 5373.0, 5555.0, 5596.0, 5290.0, 5549.0, 5587.0, 5716.0, 5628.0, 5594.0, 5523.0, 5507.0, 5263.0, 5442.0, 5583.0, 5662.0, 5700.0, 5554.0, 5353.0, 5412.0, 5283.0, 5437.0, 5467.0, 5503.0, 5254.0, 5477.0, 5378.0, 5573.0, 5690.0, 5526.0, 5612.0, 5459.0, 5618.0, 5322.0, 5659.0, 5592.0, 5498.0, 5710.0, 5505.0, 5514.0, 5617.0, 5418.0, 5316.0, 5589.0, 5279.0, 5645.0, 5610.0, 5411.0, 5271.0 (number of hits: 5)
27	5500	9	1	333	1	5548.0, 5322.0, 5722.0, 5394.0, 5601.0, 5540.0, 5630.0, 5519.0, 5296.0, 5619.0, 5263.0, 5556.0, 5716.0, 5524.0, 5254.0, 5708.0, 5674.0, 5467.0, 5553.0, 5687.0, 5465.0, 5636.0, 5303.0, 5523.0, 5285.0, 5340.0, 5582.0, 5615.0, 5661.0, 5468.0, 5626.0, 5399.0, 5694.0, 5345.0, 5711.0, 5424.0, 5405.0, 5269.0, 5431.0, 5676.0, 5452.0, 5634.0, 5427.0, 5466.0, 5513.0, 5607.0, 5500.0, 5650.0, 5609.0, 5535.0, 5643.0, 5640.0, 5375.0, 5315.0, 5369.0, 5448.0, 5501.0, 5442.0, 5559.0, 5656.0, 5638.0, 5440.0, 5396.0, 5562.0, 5401.0, 5433.0, 5684.0, 5251.0, 5292.0, 5721.0, 5628.0, 5333.0, 5614.0, 5657.0, 5464.0, 5374.0, 5378.0, 5426.0, 5483.0, 5675.0, 5602.0, 5558.0, 5255.0, 5629.0, 5437.0, 5261.0, 5313.0, 5327.0, 5450.0, 5279.0, 5616.0, 5460.0, 5365.0, 5361.0, 5522.0, 5335.0, 5645.0, 5358.0, 5353.0, 5341.0 (number of hits: 2)
28	5500	9	1	333	1	5464.0, 5274.0, 5712.0, 5692.0, 5709.0, 5393.0, 5607.0, 5312.0, 5287.0, 5635.0, 5565.0, 5432.0, 5550.0, 5422.0, 5631.0, 5319.0, 5653.0, 5277.0, 5437.0, 5413.0, 5271.0, 5641.0, 5456.0, 5429.0, 5359.0, 5288.0, 5652.0, 5295.0, 5365.0, 5693.0, 5351.0, 5402.0, 5518.0, 5434.0, 5624.0, 5376.0, 5388.0, 5414.0, 5276.0, 5690.0, 5663.0, 5252.0, 5427.0, 5617.0, 5268.0, 5706.0, 5463.0, 5306.0, 5259.0, 5387.0, 5561.0, 5316.0, 5531.0, 5608.0, 5272.0, 5621.0, 5513.0, 5311.0, 5455.0, 5630.0, 5450.0, 5595.0, 5558.0, 5323.0, 5452.0, 5547.0, 5599.0, 5586.0, 5454.0, 5396.0, 5469.0, 5407.0, 5672.0, 5258.0, 5483.0, 5472.0, 5296.0, 5618.0, 5646.0, 5486.0, 5253.0, 5403.0, 5571.0, 5334.0, 5623.0, 5659.0, 5553.0, 5346.0, 5554.0, 5705.0, 5681.0, 5326.0, 5308.0, 5578.0, 5569.0, 5666.0, 5611.0, 5495.0, 5419.0, 5331.0 (number of hits: 1)
29	5500	9	1	333	1	5374.0, 5638.0, 5365.0, 5518.0, 5455.0, 5437.0, 5526.0, 5467.0, 5409.0, 5611.0, 5348.0, 5441.0, 5381.0, 5308.0, 5318.0, 5514.0, 5395.0, 5414.0, 5542.0, 5328.0, 5643.0, 5421.0, 5557.0, 5700.0, 5334.0, 5420.0, 5687.0, 5589.0, 5458.0, 5721.0,

						5535.0, 5264.0, 5666.0, 5261.0, 5630.0, 5487.0, 5443.0, 5276.0, 5415.0, 5266.0, 5551.0, 5525.0, 5685.0, 5655.0, 5579.0, 5446.0, 5720.0, 5309.0, 5368.0, 5491.0, 5396.0, 5588.0, 5281.0, 5267.0, 5594.0, 5359.0, 5254.0, 5528.0, 5498.0, 5354.0, 5360.0, 5492.0, 5472.0, 5324.0, 5382.0, 5601.0, 5375.0, 5361.0, 5680.0, 5265.0, 5386.0, 5449.0, 5717.0, 5669.0, 5710.0, 5490.0, 5652.0, 5553.0, 5512.0, 5566.0, 5358.0, 5469.0, 5384.0, 5423.0, 5681.0, 5564.0, 5463.0, 5550.0, 5260.0, 5563.0, 5456.0, 5274.0, 5670.0, 5337.0, 5326.0, 5366.0, 5495.0, 5572.0, 5411.0, 5394.0 (number of hits: 4)
30	5500	9	1	333	1	5316.0, 5600.0, 5525.0, 5721.0, 5358.0, 5488.0, 5583.0, 5265.0, 5617.0, 5651.0, 5269.0, 5393.0, 5453.0, 5410.0, 5463.0, 5710.0, 5458.0, 5595.0, 5359.0, 5350.0, 5297.0, 5290.0, 5263.0, 5347.0, 5543.0, 5345.0, 5441.0, 5391.0, 5435.0, 5635.0, 5382.0, 5604.0, 5627.0, 5657.0, 5437.0, 5366.0, 5708.0, 5593.0, 5701.0, 5344.0, 5457.0, 5611.0, 5578.0, 5634.0, 5375.0, 5714.0, 5587.0, 5546.0, 5590.0, 5556.0, 5691.0, 5456.0, 5403.0, 5380.0, 5439.0, 5563.0, 5553.0, 5602.0, 5690.0, 5666.0, 5466.0, 5559.0, 5560.0, 5303.0, 5706.0, 5364.0, 5538.0, 5584.0, 5477.0, 5568.0, 5536.0, 5513.0, 5422.0, 5424.0, 5251.0, 5389.0, 5351.0, 5305.0, 5572.0, 5570.0, 5284.0, 5368.0, 5387.0, 5259.0, 5557.0, 5709.0, 5301.0, 5534.0, 5665.0, 5324.0, 5544.0, 5607.0, 5647.0, 5541.0, 5461.0, 5503.0, 5419.0, 5696.0, 5425.0, 5462.0 (number of hits: 1)

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	63.3 %	60%	Pass
Type 3	30	90 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	86.7 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	63	1	838	1
2	5491.5	95	1	558	1
3	5491.5	62	1	858	1
4	5491.5	78	1	678	1
5	5491.5	68	1	778	1
6	5510	74	1	718	1
7	5510	92	1	578	1
8	5510	72	1	738	1
9	5510	76	1	698	1
10	5510	89	1	598	1
11	5528.5	86	1	618	1
12	5528.5	81	1	658	1
13	5528.5	58	1	918	1
14	5528.5	67	1	798	1
15	5528.5	99	1	538	1
16	5491.5	19	1	2912	1
17	5491.5	18	1	2967	1
18	5491.5	33	1	1649	1
19	5491.5	24	1	2251	1
20	5491.5	23	1	2377	1
21	5510	34	1	1580	1
22	5510	19	1	2898	1
23	5510	28	1	1897	1
24	5510	22	1	2478	1
25	5510	48	1	1116	1
26	5528.5	32	1	1683	1
27	5528.5	30	1	1768	1
28	5528.5	20	1	2646	1
29	5528.5	31	1	1726	1
30	5528.5	75	1	711	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	25	2	154	1
2	5491.5	24	2.9	154	1
3	5491.5	23	2.7	182	0
4	5491.5	27	4.3	222	1
5	5491.5	27	1.8	154	0
6	5491.5	26	3	214	1
7	5491.5	28	1.8	217	1
8	5491.5	23	4.9	156	1
9	5491.5	27	1.9	167	1
10	5491.5	23	4.7	202	1
11	5510	26	3	199	1
12	5510	29	4.8	187	0
13	5510	23	1.8	194	1
14	5510	29	1.3	227	1
15	5510	23	4.8	169	0
16	5510	26	4.6	171	0
17	5510	24	2.2	177	1
18	5510	23	4.3	185	0
19	5510	24	4	178	0
20	5510	24	2.9	184	1
21	5528.5	24	3.3	195	0
22	5528.5	24	1.9	214	1
23	5528.5	23	4.8	156	1
24	5528.5	24	1.5	163	1
25	5528.5	26	2.5	221	1
26	5528.5	28	1.1	207	1
27	5528.5	24	2.3	186	1
28	5528.5	26	2.3	159	0
29	5528.5	24	2.2	152	0
30	5528.5	26	3.9	187	0
Detection Percentage: 63.3 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	18	8.6	402	1
2	5491.5	17	6	245	1
3	5491.5	18	7.7	249	0
4	5491.5	17	7.4	313	1
5	5491.5	18	9.1	431	1
6	5491.5	17	6.5	392	1
7	5491.5	16	7.6	449	1
8	5491.5	16	7	285	1
9	5491.5	16	8.5	323	0
10	5491.5	17	8.2	455	1
11	5510	17	8.3	395	1
12	5510	17	9.4	402	1
13	5510	16	6.1	293	1
14	5510	16	7.1	227	1
15	5510	17	7	450	0
16	5510	18	6.9	446	1
17	5510	16	7.5	316	1
18	5510	17	8.1	397	1
19	5510	18	7.1	312	1
20	5510	18	8.7	225	1
21	5528.5	16	7	333	1
22	5528.5	17	8.5	232	1
23	5528.5	17	7.7	245	1
24	5528.5	18	7.1	214	1
25	5528.5	17	6.7	376	1
26	5528.5	18	6.3	210	1
27	5528.5	18	7.5	411	1
28	5528.5	16	9.4	349	1
29	5528.5	18	8	498	1
30	5528.5	16	10	431	1
Detection Percentage: 90 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	13	17.9	359	1
2	5491.5	15	13.4	412	1
3	5491.5	12	11.9	362	1
4	5491.5	14	17.5	466	1
5	5491.5	13	16.5	386	1
6	5491.5	15	17.3	279	1
7	5491.5	13	13	371	1
8	5491.5	12	12.9	433	1
9	5491.5	16	13.4	370	1
10	5491.5	12	15.8	421	1
11	5510	12	14.8	254	1
12	5510	14	14.2	469	1
13	5510	16	13.7	345	1
14	5510	15	15.6	445	1
15	5510	16	12.3	421	1
16	5510	14	12.5	271	1
17	5510	15	12.5	446	1
18	5510	12	16.4	309	1
19	5510	12	15.8	500	1
20	5510	14	14.1	331	1
21	5528.5	13	13	336	1
22	5528.5	15	15.7	347	0
23	5528.5	16	11.2	213	1
24	5528.5	13	14.4	235	1
25	5528.5	12	19.9	451	1
26	5528.5	14	16.4	300	0
27	5528.5	14	13.4	456	1
28	5528.5	12	18.7	277	1
29	5528.5	14	11.2	260	1
30	5528.5	14	18.9	458	1
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5494.3	1
12	5497.1	1
13	5494.3	1
14	5499.5	1
15	5498.3	1
16	5499.1	1
17	5494.3	1
18	5496.3	1
19	5499.1	1
20	5496.3	1
21	5525.3	1
22	5522.1	1
23	5524.5	1
24	5526.1	1
25	5525.7	1
26	5521.7	1
27	5520.9	1
28	5524.9	1
29	5522.9	1
30	5522.5	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	74.3	1434		0.376458	1
1	2	6	54.4	1619		1.293515	
2	2	6	61.7	1077		1.971741	
3	1	6	57.4			2.553965	
4	2	6	88.2	1029		3.322957	
5	1	6	56			4.010644	
6	2	6	67.1	1055		4.981378	
7	2	6	91.8	1414		5.365132	
8	2	6	89.7	1792		6.321228	
9	3	6	69.9	1450	1637	7.466756	
10	1	6	98.2			8.017948	
11	2	6	98.4	1505		8.889673	
12	2	6	64.4	1801		9.211398	
13	1	6	61.8			10.23109	
14	2	6	56.1	1461		11.071618	
15	2	6	58.1	1471		11.928152	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	66.7	1391		0.252056	1
1	2	13	67.5	1218		1.41575	
2	2	13	72	1682		2.035312	
3	3	13	73.1	1160	1140	3.078302	
4	2	13	68.9	1389		4.433572	
5	2	13	88.6	1679		4.933736	
6	3	13	97.3	1422	1974	5.622307	
7	1	13	55.9			7.361886	
8	2	13	68.6	1300		7.994008	
9	2	13	60.4	1064		8.607462	
10	2	13	92.5	1045		9.564686	
11	2	13	67.5	1539		10.891118	
12	1	13	75.3			11.302824	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	61.7			0.028751	1
1	2	12	61.8	1940		0.714145	
2	2	12	74.1	1271		1.314044	
3	3	12	87.2	1631	1588	2.493018	
4	3	12	50	1711	1919	2.786813	
5	1	12	87.5			3.751504	
6	2	12	55.2	1850		4.120178	
7	1	12	74.9			4.852357	
8	2	12	66.5	1807		5.075617	
9	3	12	79.5	1376	1158	5.757421	
10	3	12	69.2	1140	1226	6.40715	
11	2	12	81.6	1411		7.336847	
12	1	12	54.7			8.013931	
13	2	12	77.8	1148		8.800188	
14	2	12	56.5	1220		9.406761	
15	1	12	72			10.030879	
16	3	12	80.2	1508	1877	10.710009	
17	3	12	74.2	1885	1289	10.874446	
18	2	12	53.6	1008		11.695203	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	78.6	1998	1579	0.749452	1
1	2	6	99.9	1944		1.238669	
2	2	6	84.1	1281		1.74191	
3	2	6	68.1	1453		2.853595	
4	3	6	94.6	1205	1199	3.702509	
5	2	6	93.3	1185		4.659684	
6	2	6	87.9	1521		5.500047	
7	1	6	73.3			5.845344	
8	3	6	97.5	1953	1571	6.406892	
9	2	6	93.5	1129		7.988153	
10	3	6	69	1156	1534	8.332483	
11	1	6	67.6			8.876933	
12	1	6	50.6			9.906086	
13	2	6	72.4	1422		11.190065	
14	1	6	56.9			11.936337	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	92.4	1525		0.94798	1
1	2	14	76.2	1330		1.616012	
2	2	14	78.6	1390		3.789826	
3	2	14	50.8	1340		4.764884	
4	1	14	56.7			5.940892	
5	2	14	72	1942		7.681692	
6	1	14	74			8.598491	
7	2	14	79.3	1296		10.533629	
8	1	14	65.4			11.892968	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	76.5	1986		0.269441	1
1	1	9	78.1			1.112997	
2	1	9	82.6			1.946767	
3	1	9	82.5			2.502882	
4	3	9	93.2	1126	1157	2.66825	
5	2	9	67.5	1465		3.496757	
6	1	9	61.9			4.104648	
7	1	9	56.6			5.323498	
8	2	9	89.4	1134		5.656313	
9	2	9	98.5	1312		6.422098	
10	3	9	85.3	1662	1054	7.198307	
11	3	9	97.1	1481	1124	7.804024	
12	3	9	51.2	1553	1920	8.259574	
13	3	9	88.3	1037	1296	8.987582	
14	2	9	59.4	1996		9.732125	
15	3	9	69.6	1522	1482	10.394374	
16	1	9	74			11.273811	
17	3	9	73.9	1700	1686	11.943013	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	68.7			0.473768	
1	2	9	51.8	1355		1.100253	
2	2	9	98.7	1517		1.293524	
3	1	9	93.8			1.833317	
4	3	9	87.6	1412	1317	2.95422	
5	1	9	54			3.527635	
6	1	9	97.9			4.08431	
7	2	9	56.4	1938		4.36571	
8	3	9	78	1059	1810	5.20607	
9	2	9	97.5	1422		5.745328	
10	2	9	78.3	1709		6.551967	1
11	1	9	60.3			6.916165	
12	3	9	57.4	1292	1256	7.20025	
13	2	9	53.2	1149		7.846401	
14	2	9	97.8	1811		8.609934	
15	2	9	62	2000		9.522659	
16	2	9	64.3	1598		9.814761	
17	3	9	87.8	1017	1436	10.261237	
18	2	9	82.6	1522		10.98495	
19	3	9	66.3	1362	1602	11.979843	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	60.8			0.194397	
1	1	13	89.8			1.019634	
2	1	13	58.3			1.739303	
3	1	13	75.2			2.175636	
4	2	13	64.3	1247		2.820633	
5	3	13	87.4	1698	1437	3.3545	
6	2	13	55.9	1817		3.896407	
7	1	13	57			4.648113	
8	2	13	71.9	1247		5.236202	
9	1	13	77.6			6.299235	1
10	2	13	56.7	1899		6.398167	
11	1	13	60.7			7.252578	
12	1	13	82.9			7.721031	
13	3	13	50.1	1209	1089	8.344259	
14	2	13	82.9	1875		8.91118	
15	2	13	72.8	1581		10.096224	
16	2	13	81.4	1367		10.717258	
17	1	13	75.3			11.164769	
18	1	13	61.6			11.896371	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	66.5			0.086878	
1	3	11	72.9	1203	1511	1.006088	
2	2	11	58.3	1203		2.446729	
3	2	11	60.4	1063		3.64943	
4	2	11	72.4	1944		4.682265	
5	2	11	87	1606		5.470338	
6	1	11	99.8			6.778399	1
7	2	11	88.5	1824		7.507675	
8	2	11	86.8	1817		8.802106	
9	2	11	76.4	1348		9.386093	
10	1	11	80.4			10.662171	
11	2	11	67.4	1330		11.238755	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	57.4			0.315665	1
1	1	12	61.1			0.842419	
2	2	12	86.5	1522		1.550505	
3	2	12	64.8	1820		2.083135	
4	2	12	78.2	1741		2.826598	
5	2	12	59.1	1424		3.582768	
6	3	12	87.7	1102	1544	4.230119	
7	1	12	67.8			5.3122	
8	2	12	80.6	1513		5.407446	
9	2	12	62.9	1318		6.490139	
10	3	12	93.9	1351	1696	6.991521	
11	3	12	70.5	1878	1835	7.939308	
12	2	12	87	1129		8.633141	
13	3	12	77.9	1210	1595	8.774387	
14	2	12	59.9	1242		9.94537	
15	1	12	95			10.465697	
16	2	12	69.2	1396		10.848384	
17	2	12	84.7	1746		11.57751	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	93.5			0.291979	
1	1	7	70.4			0.666145	
2	1	7	54.9			1.301461	
3	3	7	94	1230	1315	2.287613	
4	2	7	59.2	1412		3.008229	
5	2	7	64.5	1733		3.367565	
6	2	7	90.3	1451		4.147511	
7	3	7	75.8	1889	1811	4.737948	
8	2	7	53.7	1011		5.356189	
9	2	7	75.8	1094		5.787306	1
10	2	7	91.7	1961		6.781428	
11	3	7	96.5	1127	1141	7.146064	
12	1	7	53			7.69535	
13	2	7	93.1	1694		8.496594	
14	1	7	75.6			9.468505	
15	3	7	75.6	1209	1465	9.736408	
16	2	7	51.8	1817		10.318381	
17	3	7	53.4	1146	1586	10.768073	
18	2	7	77.2	1921		11.883007	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	98.8	1789	1544	0.170166	1
1	3	14	94.9	1712	1122	0.917266	
2	2	14	71.7	1627		1.743152	
3	2	14	85.2	1219		2.049423	
4	3	14	57.6	1410	1680	3.083091	
5	2	14	68.1	1016		3.860875	
6	3	14	61.2	1569	1585	4.455641	
7	1	14	76.7			4.895103	
8	1	14	57.7			5.74962	
9	2	14	53	1893		6.372964	
10	3	14	65.8	1979	1385	7.243736	
11	2	14	94.2	1637		7.457446	
12	2	14	53.1	1305		8.63215	
13	1	14	89.2			9.235151	
14	1	14	61.2			9.531944	
15	3	14	72.3	1595	1665	10.285819	
16	2	14	58	1488		10.873596	
17	2	14	73.9	1666		11.341535	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	98.2	1311		0.60755	1
1	1	7	79.5			1.395852	
2	2	7	80	1647		2.250356	
3	2	7	65.7	1411		2.797612	
4	3	7	74.8	1588	1513	3.976594	
5	1	7	83.6			4.030596	
6	3	7	58.1	1240	1814	4.896395	
7	2	7	80.3	1332		5.937265	
8	2	7	81.2	1737		6.645371	
9	1	7	52.7			7.855058	
10	2	7	76.1	1288		8.090074	
11	2	7	89	1259		9.080365	
12	2	7	77.8	1536		10.002598	
13	2	7	54.9	1143		10.467556	
14	2	7	55.1	1964		11.721753	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	84.2	1105		1.010169	1
1	2	20	87.4	1914		1.431262	
2	2	20	57.1	1915		2.898806	
3	2	20	59	1373		4.191995	
4	1	20	80.4			6.177764	
5	2	20	75.2	1667		6.760295	
6	2	20	92.7	1638		9.115562	
7	1	20	96.4			10.258787	
8	2	20	81.5	1339		10.758022	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	65.7	1861		0.363774	1
1	2	17	55.7	1361		1.279492	
2	2	17	89.7	1890		1.814334	
3	1	17	90.2			2.329635	
4	2	17	67.5	1604		2.852627	
5	3	17	87.8	1502	1182	3.892182	
6	1	17	62.7			4.787888	
7	3	17	57	1847	1484	5.626404	
8	1	17	90.1			5.9121	
9	1	17	63.7			6.443656	
10	2	17	98.3	1259		7.501954	
11	2	17	51.2	1216		8.396708	
12	1	17	74.3			8.799743	
13	2	17	70.4	1711		9.761408	
14	3	17	71.8	1882	1411	10.314957	
15	3	17	82.5	1771	1979	11.028325	
16	2	17	84.5	1253		11.631572	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	61.1	1591	1302	0.673817	1
1	2	19	88.2	1029		1.378422	
2	1	19	65.8			1.844456	
3	3	19	52.1	1211	1139	3.066332	
4	2	19	93.7	1302		3.469829	
5	2	19	93.8	1288		4.517488	
6	2	19	67.3	1316		5.542694	
7	2	19	89.7	1492		6.26052	
8	1	19	90.8			7.023723	
9	3	19	64	1323	1725	8.052951	
10	1	19	79.4			9.296066	
11	2	19	56.2	1512		9.87226	
12	1	19	55.1			11.066363	
13	2	19	95.3	1463		11.981919	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	80.8	1454		0.811871	1
1	1	7	87.4			1.644454	
2	2	7	97.6	1562		3.564218	
3	1	7	87.7			3.957103	
4	1	7	97.4			5.589495	
5	3	7	60.9	1294	1998	6.293242	
6	2	7	96.4	1760		7.287791	
7	3	7	53	1504	1451	9.209018	
8	2	7	76.9	1871		10.789356	
9	2	7	78.9	1954		10.997388	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	66.5	1775		0.138833	
1	3	12	78.3	1075	1947	0.759203	
2	3	12	95.8	1575	1707	1.735475	
3	1	12	66.4			2.427591	
4	2	12	72.8	1430		2.565232	
5	3	12	83	1584	1191	3.553404	
6	2	12	54.9	1879		4.252339	
7	3	12	82.2	1114	1035	4.584234	
8	2	12	54.7	1396		5.564799	
9	2	12	58.3	1808		5.742608	1
10	2	12	56.5	1088		6.760523	
11	2	12	75	1556		7.439255	
12	3	12	90.3	1842	1879	7.948414	
13	2	12	91.8	1540		8.243181	
14	2	12	83.3	1095		9.190988	
15	3	12	54.5	1827	1881	9.683773	
16	2	12	96.4	1213		10.202782	
17	2	12	87.4	1875		11.155735	
18	2	12	71.6	1040		11.416362	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	61.3			0.215514	
1	2	19	72.2	1380		1.800576	
2	1	19	60.7			2.702648	
3	2	19	88.4	1221		3.433335	
4	2	19	84.2	1807		5.40016	
5	1	19	76.3			5.947517	1
6	2	19	96.3	1068		6.721818	
7	2	19	65	1059		8.259932	
8	2	19	84.9	1866		9.794276	
9	1	19	93.1			10.211921	
10	3	19	57.3	1436	1101	11.20484	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	82.9			0.635475	
1	2	12	89.2	1499		1.137062	
2	2	12	54.1	1038		2.96371	
3	2	12	98.5	1075		3.608466	
4	2	12	80.5	1429		5.232489	
5	2	12	71.3	1491		5.494203	1
6	2	12	86	1728		7.27636	
7	1	12	70.4			7.888683	
8	2	12	60.7	1993		9.296197	
9	2	12	71.1	1583		10.761698	
10	2	12	65.8	1421		11.65471	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	96.1	1987		0.71696	
1	1	8	61.6			1.656008	
2	2	8	92.9	1485		1.896156	
3	3	8	74.8	1937	1909	2.899738	
4	2	8	88.3	1986		4.106161	
5	1	8	74.8			5.51054	
6	1	8	50			6.062725	1
7	2	8	91.9	1663		7.020748	
8	1	8	69.1			7.494388	
9	3	8	69.1	1582	1916	8.405398	
10	2	8	57.7	1049		9.91824	
11	2	8	54.7	1426		10.797228	
12	2	8	57.3	1277		11.841896	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	60.7			0.075539	1
1	2	16	78	1851		1.429124	
2	1	16	88.3			2.109499	
3	2	16	91	1582		2.798782	
4	1	16	52.7			4.237815	
5	2	16	69.6	1490		4.817404	
6	1	16	68.1			5.812024	
7	1	16	85.7			6.801546	
8	3	16	86.3	1574	1545	8.207378	
9	2	16	60.4	1074		8.551012	
10	2	16	77.7	1006		9.263944	
11	3	16	54.7	1417	1537	10.733213	
12	1	16	77.5			11.11953	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	87.8	1958		0.179865	1
1	2	10	72.3	1507		1.272837	
2	2	10	99.6	1599		1.566358	
3	2	10	53.3	1825		2.034841	
4	2	10	76.6	1680		2.942025	
5	3	10	79.6	1439	1770	3.386039	
6	3	10	89.3	1928	1284	4.400613	
7	3	10	97.8	1764	1886	5.211857	
8	2	10	89.6	1289		5.957311	
9	2	10	89.9	1247		6.263833	
10	2	10	85.7	1293		6.897053	
11	2	10	74.3	1171		7.353637	
12	2	10	68.9	1557		8.55461	
13	2	10	77.2	1542		9.023819	
14	2	10	59.4	1636		9.523758	
15	3	10	78.8	1464	1142	10.516379	
16	2	10	97	1437		11.250488	
17	1	10	56			11.70362	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	91.7	1272		0.367498	
1	1	6	92.2			0.841552	
2	1	6	92.1			1.67059	
3	2	6	98.4	1466		1.983185	
4	3	6	91	1362	1661	2.840508	
5	2	6	79.2	1883		3.033101	
6	2	6	53.6	1751		3.677432	
7	3	6	92.1	1157	1586	4.28822	
8	2	6	68.1	1128		5.036493	
9	2	6	51.3	1337		5.886899	1
10	2	6	63.6	1701		6.039465	
11	2	6	56.9	1732		6.977706	
12	2	6	86.3	1018		7.665097	
13	3	6	66.2	1865	1465	8.181328	
14	3	6	83.9	1929	1367	8.931819	
15	1	6	68.3			9.288353	
16	3	6	62.6	1117	1457	9.942996	
17	1	6	98.5			10.231173	
18	2	6	55.9	1055		10.963235	
19	1	6	54.5			11.881332	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	55.4	1926		0.23475	
1	1	7	78.7			1.515274	
2	1	7	81.3			2.230797	
3	3	7	87	1009	1148	3.147251	
4	3	7	97.2	1716	1376	4.183658	
5	1	7	52.5			4.883327	
6	3	7	82.4	1414	1829	5.771164	1
7	3	7	74	1575	1147	6.50322	
8	1	7	73			8.272723	
9	1	7	76.8			9.137921	
10	2	7	82.6	1024		10.06109	
11	3	7	93	1005	1457	10.48854	
12	2	7	51.3	1833		11.724426	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	90.2	1147	1190	0.77505	
1	2	17	50.6	1841		1.666886	
2	2	17	99.7	1410		2.400185	
3	2	17	68.1	1611		3.407949	
4	2	17	50.1	1931		3.955237	
5	1	17	72.2			4.935254	
6	2	17	72.9	1783		5.737655	1
7	2	17	67	1443		7.317867	
8	1	17	63.1			7.419759	
9	2	17	94.2	1777		9.089704	
10	3	17	88.2	1301	1249	9.288298	
11	1	17	94.5			10.157184	
12	2	17	91	1436		11.277586	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	84.5			0.648066	
1	2	19	72.1	1016		1.359491	
2	3	19	65.4	1348	1233	1.77153	
3	2	19	67.8	1135		2.645386	
4	2	19	58	1356		3.669537	
5	2	19	53.9	1347		4.369465	
6	2	19	96.2	1698		5.451627	
7	1	19	94			6.20611	1
8	1	19	65.3			6.797198	
9	2	19	90	1961		7.636451	
10	1	19	88			8.176501	
11	2	19	55.4	1318		9.453521	
12	3	19	81.8	1253	1415	9.618186	
13	2	19	62.9	1342		11.060147	
14	2	19	50.8	1269		11.58156	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	89.2			0.212749	
1	3	9	69.5	1299	1896	0.959498	
2	1	9	73.6			1.451433	
3	1	9	50.3			2.421207	
4	1	9	55.1			3.495862	
5	2	9	59.4	1654		3.647908	
6	3	9	87.3	1359	1050	4.649513	
7	2	9	62.5	1345		5.609686	
8	2	9	50	1931		6.203387	1
9	3	9	61.4	1667	1071	6.544745	
10	3	9	57	1679	1357	7.633602	
11	2	9	74.1	1994		8.053928	
12	2	9	77.8	1264		8.801512	
13	2	9	98.9	1096		9.624171	
14	2	9	88.1	1144		10.289236	
15	2	9	85.6	1118		10.928313	
16	3	9	79.5	1020	1882	11.869772	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	79.4	1951		0.67466	
1	1	14	53.4			1.32383	
2	3	14	92.4	1054	1376	2.962756	
3	3	14	94.7	1109	1224	3.836387	
4	1	14	70.9			4.241116	
5	1	14	72.3			5.737213	
6	1	14	62.3			6.407503	1
7	2	14	75.2	1182		7.027577	
8	3	14	84.2	1903	1953	8.556462	
9	2	14	53.7	1023		9.247096	
10	1	14	50.8			10.716549	
11	3	14	53	1666	1010	11.473645	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	63.9	1668		0.481915	1
1	2	15	70.6	1869		1.516119	
2	2	15	70.1	1392		2.420881	
3	1	15	84.5			3.407278	
4	2	15	62	1453		3.478968	
5	1	15	93.5			5.116532	
6	2	15	96.9	1901		5.385218	
7	2	15	88	1422		6.699557	
8	2	15	71.3	1746		7.172898	
9	2	15	76.4	1097		8.259516	
10	1	15	68.2			9.253369	
11	2	15	77.7	1359		9.606269	
12	2	15	96.1	1740		10.776695	
13	3	15	51.8	1020	1380	11.278574	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510	9	1	333	1	5411.0, 5386.0, 5336.0, 5624.0, 5720.0, 5536.0, 5639.0, 5623.0, 5632.0, 5495.0, 5467.0, 5571.0, 5556.0, 5373.0, 5683.0, 5353.0, 5512.0, 5530.0, 5505.0, 5722.0, 5507.0, 5682.0, 5300.0, 5478.0, 5572.0, 5656.0, 5651.0, 5498.0, 5338.0, 5487.0, 5576.0, 5606.0, 5702.0, 5424.0, 5264.0, 5711.0, 5717.0, 5516.0, 5488.0, 5266.0, 5307.0, 5661.0, 5706.0, 5613.0, 5456.0, 5294.0, 5405.0, 5579.0, 5267.0, 5273.0, 5675.0, 5393.0, 5474.0, 5640.0, 5333.0, 5402.0, 5565.0, 5314.0, 5466.0, 5315.0, 5485.0, 5694.0, 5646.0, 5458.0, 5425.0, 5567.0, 5359.0, 5508.0, 5340.0, 5255.0, 5286.0, 5628.0, 5484.0, 5254.0, 5361.0, 5279.0, 5377.0, 5719.0, 5603.0, 5304.0, 5323.0, 5718.0, 5573.0, 5547.0, 5535.0, 5625.0, 5528.0, 5515.0, 5285.0, 5631.0, 5489.0, 5341.0, 5622.0, 5699.0, 5662.0, 5360.0, 5521.0, 5335.0, 5475.0, 5700.0 (number of hits: 9)
2	5510	9	1	333	1	5708.0, 5705.0, 5255.0, 5421.0, 5584.0, 5562.0, 5696.0, 5714.0, 5518.0, 5664.0, 5513.0, 5525.0, 5335.0, 5668.0, 5413.0, 5297.0, 5380.0, 5449.0, 5320.0, 5268.0, 5535.0, 5634.0, 5465.0, 5707.0, 5454.0, 5594.0, 5459.0, 5444.0, 5579.0, 5603.0, 5336.0, 5264.0, 5250.0, 5452.0, 5489.0, 5435.0, 5688.0, 5619.0, 5332.0, 5256.0, 5294.0, 5464.0, 5278.0, 5552.0, 5546.0, 5434.0, 5643.0, 5717.0, 5609.0, 5602.0, 5469.0, 5391.0, 5269.0, 5510.0, 5522.0, 5533.0, 5355.0, 5385.0, 5372.0, 5566.0, 5656.0, 5492.0, 5515.0, 5623.0, 5259.0, 5281.0, 5414.0, 5537.0, 5478.0, 5331.0, 5271.0, 5481.0, 5639.0, 5393.0, 5285.0, 5601.0, 5543.0, 5289.0, 5479.0, 5431.0, 5389.0, 5616.0, 5446.0, 5567.0, 5682.0, 5419.0, 5366.0, 5723.0, 5629.0, 5404.0, 5319.0, 5298.0, 5353.0, 5371.0, 5571.0, 5687.0, 5716.0, 5512.0, 5291.0, 5262.0 (number of hits: 8)
3	5510	9	1	333	1	5714.0, 5603.0, 5441.0, 5570.0, 5474.0, 5577.0, 5316.0, 5652.0, 5392.0, 5682.0, 5497.0, 5302.0, 5507.0, 5665.0, 5591.0, 5569.0, 5382.0, 5260.0, 5637.0, 5307.0, 5397.0, 5721.0, 5271.0, 5345.0, 5274.0, 5709.0, 5698.0, 5440.0, 5680.0, 5413.0, 5515.0, 5308.0, 5391.0, 5593.0, 5268.0, 5707.0, 5681.0, 5454.0, 5404.0, 5678.0, 5312.0, 5620.0, 5303.0, 5476.0, 5427.0, 5719.0, 5419.0, 5317.0, 5690.0, 5552.0, 5374.0, 5549.0, 5350.0, 5550.0, 5254.0, 5439.0, 5723.0, 5508.0, 5587.0, 5297.0, 5605.0, 5693.0, 5368.0, 5355.0, 5604.0,

						5483.0, 5379.0, 5509.0, 5465.0, 5445.0, 5554.0, 5662.0, 5564.0, 5324.0, 5641.0, 5566.0, 5618.0, 5578.0, 5558.0, 5530.0, 5689.0, 5622.0, 5543.0, 5431.0, 5628.0, 5371.0, 5328.0, 5639.0, 5435.0, 5464.0, 5399.0, 5468.0, 5557.0, 5304.0, 5679.0, 5430.0, 5528.0, 5535.0, 5266.0, 5364.0 (number of hits: 5)
4	5510	9	1	333	1	5429.0, 5555.0, 5422.0, 5266.0, 5584.0, 5585.0, 5430.0, 5287.0, 5461.0, 5586.0, 5462.0, 5419.0, 5303.0, 5271.0, 5617.0, 5460.0, 5278.0, 5426.0, 5704.0, 5282.0, 5315.0, 5401.0, 5289.0, 5503.0, 5690.0, 5336.0, 5535.0, 5575.0, 5438.0, 5296.0, 5294.0, 5358.0, 5421.0, 5372.0, 5251.0, 5388.0, 5309.0, 5463.0, 5520.0, 5467.0, 5666.0, 5321.0, 5411.0, 5416.0, 5599.0, 5508.0, 5517.0, 5618.0, 5269.0, 5457.0, 5490.0, 5568.0, 5560.0, 5548.0, 5654.0, 5276.0, 5559.0, 5470.0, 5434.0, 5718.0, 5720.0, 5655.0, 5489.0, 5683.0, 5373.0, 5363.0, 5682.0, 5298.0, 5447.0, 5632.0, 5402.0, 5507.0, 5368.0, 5472.0, 5571.0, 5265.0, 5608.0, 5486.0, 5500.0, 5384.0, 5619.0, 5394.0, 5381.0, 5374.0, 5305.0, 5569.0, 5537.0, 5637.0, 5448.0, 5565.0, 5332.0, 5262.0, 5436.0, 5687.0, 5306.0, 5433.0, 5643.0, 5479.0, 5425.0, 5378.0 (number of hits: 6)
5	5510	9	1	333	1	5681.0, 5654.0, 5706.0, 5300.0, 5374.0, 5498.0, 5606.0, 5413.0, 5693.0, 5659.0, 5472.0, 5276.0, 5356.0, 5318.0, 5550.0, 5599.0, 5271.0, 5596.0, 5419.0, 5371.0, 5664.0, 5490.0, 5437.0, 5597.0, 5510.0, 5264.0, 5630.0, 5386.0, 5420.0, 5500.0, 5486.0, 5541.0, 5494.0, 5531.0, 5698.0, 5547.0, 5273.0, 5724.0, 5346.0, 5260.0, 5424.0, 5692.0, 5666.0, 5333.0, 5303.0, 5714.0, 5642.0, 5684.0, 5583.0, 5575.0, 5259.0, 5393.0, 5678.0, 5476.0, 5306.0, 5428.0, 5361.0, 5674.0, 5539.0, 5256.0, 5343.0, 5319.0, 5411.0, 5656.0, 5405.0, 5279.0, 5629.0, 5406.0, 5451.0, 5373.0, 5697.0, 5473.0, 5605.0, 5326.0, 5620.0, 5322.0, 5655.0, 5618.0, 5493.0, 5485.0, 5569.0, 5415.0, 5290.0, 5254.0, 5471.0, 5559.0, 5670.0, 5582.0, 5258.0, 5347.0, 5717.0, 5502.0, 5467.0, 5257.0, 5439.0, 5627.0, 5709.0, 5359.0, 5495.0, 5441.0 (number of hits: 7)
6	5510	9	1	333	1	5399.0, 5687.0, 5640.0, 5325.0, 5564.0, 5576.0, 5648.0, 5284.0, 5593.0, 5679.0, 5475.0, 5688.0, 5610.0, 5265.0, 5599.0, 5690.0, 5586.0, 5420.0, 5558.0, 5705.0, 5359.0, 5655.0, 5579.0, 5472.0, 5277.0, 5501.0, 5255.0, 5706.0, 5261.0, 5537.0, 5271.0, 5381.0, 5645.0, 5507.0, 5386.0, 5605.0, 5570.0, 5691.0, 5707.0, 5665.0, 5294.0, 5683.0, 5307.0, 5568.0, 5391.0, 5409.0, 5591.0, 5592.0, 5394.0, 5349.0,

						5717.0, 5270.0, 5467.0, 5337.0, 5466.0, 5718.0, 5434.0, 5635.0, 5311.0, 5572.0, 5483.0, 5292.0, 5428.0, 5536.0, 5471.0, 5310.0, 5298.0, 5334.0, 5698.0, 5396.0, 5710.0, 5296.0, 5384.0, 5535.0, 5375.0, 5262.0, 5382.0, 5494.0, 5276.0, 5449.0, 5299.0, 5723.0, 5641.0, 5361.0, 5551.0, 5342.0, 5627.0, 5677.0, 5658.0, 5411.0, 5650.0, 5479.0, 5676.0, 5326.0, 5575.0, 5525.0, 5583.0, 5684.0, 5693.0, 5668.0 (number of hits: 4)
7	5510	9	1	333	1	5598.0, 5696.0, 5355.0, 5547.0, 5396.0, 5407.0, 5675.0, 5569.0, 5615.0, 5706.0, 5441.0, 5722.0, 5423.0, 5624.0, 5348.0, 5607.0, 5557.0, 5446.0, 5397.0, 5435.0, 5507.0, 5388.0, 5596.0, 5267.0, 5509.0, 5566.0, 5661.0, 5494.0, 5492.0, 5460.0, 5280.0, 5651.0, 5644.0, 5326.0, 5402.0, 5487.0, 5425.0, 5329.0, 5273.0, 5571.0, 5612.0, 5461.0, 5286.0, 5654.0, 5572.0, 5594.0, 5529.0, 5436.0, 5385.0, 5713.0, 5430.0, 5266.0, 5539.0, 5379.0, 5357.0, 5693.0, 5406.0, 5269.0, 5588.0, 5389.0, 5555.0, 5481.0, 5645.0, 5502.0, 5413.0, 5636.0, 5477.0, 5544.0, 5366.0, 5652.0, 5634.0, 5412.0, 5471.0, 5699.0, 5483.0, 5386.0, 5392.0, 5701.0, 5372.0, 5291.0, 5601.0, 5292.0, 5604.0, 5362.0, 5318.0, 5394.0, 5682.0, 5499.0, 5367.0, 5434.0, 5643.0, 5327.0, 5315.0, 5490.0, 5599.0, 5718.0, 5420.0, 5289.0, 5358.0, 5431.0 (number of hits: 6)
8	5510	9	1	333	1	5422.0, 5263.0, 5397.0, 5408.0, 5585.0, 5571.0, 5600.0, 5374.0, 5628.0, 5589.0, 5534.0, 5558.0, 5511.0, 5499.0, 5601.0, 5401.0, 5463.0, 5327.0, 5358.0, 5671.0, 5614.0, 5378.0, 5625.0, 5473.0, 5615.0, 5298.0, 5425.0, 5666.0, 5351.0, 5399.0, 5536.0, 5602.0, 5400.0, 5532.0, 5619.0, 5705.0, 5480.0, 5423.0, 5357.0, 5644.0, 5465.0, 5579.0, 5342.0, 5418.0, 5403.0, 5453.0, 5410.0, 5598.0, 5417.0, 5379.0, 5456.0, 5667.0, 5450.0, 5366.0, 5472.0, 5362.0, 5372.0, 5640.0, 5519.0, 5273.0, 5508.0, 5449.0, 5393.0, 5560.0, 5356.0, 5672.0, 5274.0, 5564.0, 5643.0, 5656.0, 5406.0, 5337.0, 5389.0, 5308.0, 5442.0, 5711.0, 5257.0, 5471.0, 5578.0, 5678.0, 5311.0, 5498.0, 5324.0, 5680.0, 5591.0, 5293.0, 5593.0, 5479.0, 5492.0, 5314.0, 5380.0, 5551.0, 5318.0, 5555.0, 5634.0, 5537.0, 5407.0, 5594.0, 5607.0, 5388.0 (number of hits: 6)
9	5510	9	1	333	1	5413.0, 5393.0, 5499.0, 5355.0, 5582.0, 5433.0, 5555.0, 5272.0, 5426.0, 5496.0, 5303.0, 5436.0, 5648.0, 5668.0, 5317.0, 5601.0, 5307.0, 5687.0, 5254.0, 5372.0, 5628.0, 5354.0, 5463.0, 5388.0, 5382.0, 5292.0, 5526.0, 5572.0, 5486.0, 5330.0, 5278.0, 5604.0, 5439.0, 5528.0, 5352.0,

						5716.0, 5691.0, 5591.0, 5594.0, 5522.0, 5705.0, 5466.0, 5281.0, 5497.0, 5331.0, 5703.0, 5280.0, 5690.0, 5369.0, 5468.0, 5427.0, 5257.0, 5677.0, 5340.0, 5640.0, 5348.0, 5665.0, 5470.0, 5662.0, 5530.0, 5320.0, 5679.0, 5333.0, 5535.0, 5645.0, 5711.0, 5462.0, 5338.0, 5638.0, 5559.0, 5688.0, 5689.0, 5295.0, 5405.0, 5673.0, 5441.0, 5603.0, 5663.0, 5634.0, 5262.0, 5365.0, 5708.0, 5516.0, 5385.0, 5655.0, 5539.0, 5647.0, 5423.0, 5374.0, 5379.0, 5565.0, 5527.0, 5479.0, 5588.0, 5456.0, 5361.0, 5310.0, 5553.0, 5712.0, 5339.0 (number of hits: 7)
10	5510	9	1	333	1	5599.0, 5683.0, 5687.0, 5379.0, 5494.0, 5654.0, 5721.0, 5675.0, 5416.0, 5308.0, 5347.0, 5569.0, 5513.0, 5314.0, 5606.0, 5516.0, 5620.0, 5454.0, 5434.0, 5511.0, 5424.0, 5342.0, 5262.0, 5628.0, 5567.0, 5701.0, 5250.0, 5394.0, 5662.0, 5253.0, 5576.0, 5651.0, 5693.0, 5575.0, 5369.0, 5264.0, 5509.0, 5348.0, 5441.0, 5580.0, 5395.0, 5536.0, 5570.0, 5386.0, 5614.0, 5445.0, 5610.0, 5638.0, 5345.0, 5510.0, 5375.0, 5414.0, 5267.0, 5402.0, 5312.0, 5458.0, 5568.0, 5472.0, 5450.0, 5418.0, 5352.0, 5317.0, 5684.0, 5659.0, 5401.0, 5272.0, 5678.0, 5557.0, 5618.0, 5385.0, 5714.0, 5481.0, 5439.0, 5482.0, 5723.0, 5364.0, 5477.0, 5489.0, 5587.0, 5417.0, 5677.0, 5597.0, 5635.0, 5548.0, 5605.0, 5592.0, 5281.0, 5504.0, 5316.0, 5304.0, 5710.0, 5529.0, 5507.0, 5484.0, 5363.0, 5506.0, 5265.0, 5670.0, 5537.0, 5553.0 (number of hits: 9)
11	5510	9	1	333	1	5709.0, 5327.0, 5546.0, 5397.0, 5669.0, 5679.0, 5276.0, 5423.0, 5591.0, 5573.0, 5506.0, 5415.0, 5596.0, 5524.0, 5654.0, 5513.0, 5286.0, 5348.0, 5480.0, 5694.0, 5358.0, 5699.0, 5566.0, 5682.0, 5357.0, 5528.0, 5290.0, 5433.0, 5395.0, 5257.0, 5577.0, 5398.0, 5716.0, 5487.0, 5683.0, 5695.0, 5543.0, 5472.0, 5478.0, 5449.0, 5391.0, 5576.0, 5318.0, 5299.0, 5261.0, 5460.0, 5411.0, 5706.0, 5723.0, 5329.0, 5642.0, 5550.0, 5464.0, 5469.0, 5367.0, 5564.0, 5305.0, 5259.0, 5511.0, 5561.0, 5718.0, 5466.0, 5375.0, 5527.0, 5408.0, 5267.0, 5412.0, 5515.0, 5644.0, 5447.0, 5677.0, 5434.0, 5556.0, 5700.0, 5569.0, 5714.0, 5672.0, 5405.0, 5462.0, 5364.0, 5256.0, 5424.0, 5572.0, 5552.0, 5574.0, 5306.0, 5341.0, 5368.0, 5473.0, 5509.0, 5711.0, 5396.0, 5580.0, 5605.0, 5287.0, 5616.0, 5498.0, 5282.0, 5598.0, 5715.0 (number of hits: 8)
12	5510	9	1	333	1	5510.0, 5529.0, 5430.0, 5375.0, 5490.0, 5542.0, 5579.0, 5609.0, 5620.0, 5539.0, 5518.0, 5496.0, 5494.0, 5378.0, 5645.0, 5543.0, 5701.0, 5659.0, 5295.0, 5406.0,

						5472.0, 5531.0, 5715.0, 5687.0, 5546.0, 5601.0, 5614.0, 5693.0, 5343.0, 5380.0, 5702.0, 5328.0, 5389.0, 5388.0, 5356.0, 5448.0, 5333.0, 5377.0, 5628.0, 5385.0, 5631.0, 5438.0, 5636.0, 5584.0, 5580.0, 5395.0, 5648.0, 5669.0, 5461.0, 5324.0, 5415.0, 5626.0, 5668.0, 5481.0, 5428.0, 5561.0, 5622.0, 5689.0, 5653.0, 5350.0, 5629.0, 5506.0, 5666.0, 5521.0, 5450.0, 5658.0, 5534.0, 5434.0, 5524.0, 5457.0, 5533.0, 5680.0, 5608.0, 5275.0, 5611.0, 5505.0, 5714.0, 5706.0, 5482.0, 5511.0, 5556.0, 5544.0, 5713.0, 5404.0, 5538.0, 5613.0, 5465.0, 5307.0, 5473.0, 5635.0, 5373.0, 5318.0, 5467.0, 5471.0, 5532.0, 5462.0, 5485.0, 5639.0, 5632.0, 5253.0 (number of hits: 9)
13	5510	9	1	333	1	5652.0, 5550.0, 5300.0, 5433.0, 5595.0, 5668.0, 5370.0, 5321.0, 5679.0, 5357.0, 5254.0, 5597.0, 5558.0, 5505.0, 5547.0, 5655.0, 5362.0, 5508.0, 5342.0, 5521.0, 5659.0, 5606.0, 5664.0, 5569.0, 5304.0, 5716.0, 5412.0, 5337.0, 5711.0, 5275.0, 5436.0, 5442.0, 5353.0, 5584.0, 5722.0, 5563.0, 5698.0, 5318.0, 5605.0, 5372.0, 5346.0, 5411.0, 5320.0, 5685.0, 5628.0, 5629.0, 5691.0, 5404.0, 5603.0, 5662.0, 5250.0, 5637.0, 5348.0, 5674.0, 5650.0, 5486.0, 5480.0, 5594.0, 5331.0, 5524.0, 5692.0, 5252.0, 5305.0, 5577.0, 5395.0, 5314.0, 5607.0, 5678.0, 5434.0, 5574.0, 5427.0, 5571.0, 5355.0, 5343.0, 5529.0, 5389.0, 5499.0, 5454.0, 5564.0, 5677.0, 5388.0, 5270.0, 5640.0, 5457.0, 5540.0, 5317.0, 5551.0, 5384.0, 5613.0, 5700.0, 5272.0, 5435.0, 5368.0, 5599.0, 5488.0, 5266.0, 5448.0, 5533.0, 5354.0, 5494.0 (number of hits: 6)
14	5510	9	1	333	1	5600.0, 5652.0, 5511.0, 5660.0, 5390.0, 5602.0, 5356.0, 5674.0, 5667.0, 5345.0, 5415.0, 5455.0, 5286.0, 5527.0, 5649.0, 5293.0, 5529.0, 5612.0, 5471.0, 5446.0, 5321.0, 5272.0, 5526.0, 5485.0, 5530.0, 5440.0, 5693.0, 5273.0, 5492.0, 5634.0, 5651.0, 5597.0, 5616.0, 5681.0, 5254.0, 5336.0, 5371.0, 5278.0, 5333.0, 5258.0, 5447.0, 5635.0, 5319.0, 5344.0, 5392.0, 5707.0, 5688.0, 5311.0, 5633.0, 5435.0, 5607.0, 5724.0, 5297.0, 5590.0, 5453.0, 5505.0, 5331.0, 5397.0, 5687.0, 5255.0, 5613.0, 5462.0, 5414.0, 5656.0, 5542.0, 5689.0, 5516.0, 5606.0, 5535.0, 5490.0, 5596.0, 5646.0, 5636.0, 5573.0, 5252.0, 5287.0, 5306.0, 5382.0, 5629.0, 5495.0, 5555.0, 5328.0, 5291.0, 5423.0, 5611.0, 5469.0, 5577.0, 5478.0, 5644.0, 5351.0, 5712.0, 5340.0, 5622.0, 5327.0, 5289.0, 5323.0, 5627.0, 5568.0, 5364.0, 5551.0 (number of hits: 7)
15	5510	9	1	333	1	5330.0, 5505.0, 5552.0, 5369.0, 5647.0,

						5588.0, 5694.0, 5637.0, 5585.0, 5386.0, 5712.0, 5565.0, 5429.0, 5641.0, 5701.0, 5343.0, 5652.0, 5387.0, 5629.0, 5403.0, 5680.0, 5723.0, 5642.0, 5451.0, 5396.0, 5357.0, 5625.0, 5562.0, 5409.0, 5401.0, 5345.0, 5603.0, 5416.0, 5392.0, 5630.0, 5323.0, 5287.0, 5679.0, 5695.0, 5592.0, 5601.0, 5296.0, 5271.0, 5300.0, 5418.0, 5525.0, 5513.0, 5683.0, 5448.0, 5640.0, 5397.0, 5598.0, 5631.0, 5533.0, 5327.0, 5672.0, 5264.0, 5638.0, 5612.0, 5424.0, 5377.0, 5493.0, 5442.0, 5564.0, 5557.0, 5453.0, 5290.0, 5431.0, 5365.0, 5618.0, 5391.0, 5326.0, 5297.0, 5415.0, 5318.0, 5461.0, 5372.0, 5301.0, 5255.0, 5501.0, 5591.0, 5408.0, 5498.0, 5523.0, 5580.0, 5535.0, 5258.0, 5438.0, 5519.0, 5658.0, 5286.0, 5411.0, 5320.0, 5317.0, 5568.0, 5556.0, 5504.0, 5335.0, 5325.0, 5259.0 (number of hits: 9)
16	5510	9	1	333	1	5597.0, 5555.0, 5515.0, 5269.0, 5353.0, 5494.0, 5563.0, 5265.0, 5638.0, 5521.0, 5282.0, 5498.0, 5578.0, 5532.0, 5714.0, 5641.0, 5568.0, 5273.0, 5531.0, 5590.0, 5650.0, 5278.0, 5697.0, 5506.0, 5627.0, 5330.0, 5326.0, 5600.0, 5589.0, 5428.0, 5526.0, 5593.0, 5517.0, 5567.0, 5467.0, 5283.0, 5544.0, 5503.0, 5313.0, 5380.0, 5317.0, 5639.0, 5389.0, 5336.0, 5345.0, 5510.0, 5504.0, 5566.0, 5713.0, 5469.0, 5332.0, 5362.0, 5397.0, 5481.0, 5491.0, 5480.0, 5288.0, 5712.0, 5669.0, 5361.0, 5557.0, 5418.0, 5659.0, 5502.0, 5648.0, 5448.0, 5400.0, 5486.0, 5608.0, 5594.0, 5596.0, 5516.0, 5695.0, 5723.0, 5293.0, 5537.0, 5718.0, 5520.0, 5355.0, 5471.0, 5547.0, 5553.0, 5485.0, 5624.0, 5646.0, 5656.0, 5490.0, 5658.0, 5432.0, 5439.0, 5707.0, 5523.0, 5364.0, 5360.0, 5307.0, 5720.0, 5385.0, 5425.0, 5560.0, 5598.0 (number of hits: 14)
17	5510	9	1	333	1	5276.0, 5296.0, 5392.0, 5312.0, 5517.0, 5265.0, 5686.0, 5395.0, 5669.0, 5385.0, 5696.0, 5367.0, 5499.0, 5311.0, 5587.0, 5330.0, 5406.0, 5530.0, 5341.0, 5697.0, 5460.0, 5486.0, 5511.0, 5277.0, 5704.0, 5403.0, 5257.0, 5487.0, 5670.0, 5703.0, 5627.0, 5313.0, 5442.0, 5687.0, 5343.0, 5368.0, 5550.0, 5544.0, 5355.0, 5304.0, 5718.0, 5548.0, 5424.0, 5412.0, 5450.0, 5574.0, 5592.0, 5286.0, 5668.0, 5475.0, 5361.0, 5625.0, 5565.0, 5279.0, 5659.0, 5428.0, 5447.0, 5593.0, 5293.0, 5404.0, 5417.0, 5493.0, 5723.0, 5663.0, 5263.0, 5629.0, 5443.0, 5694.0, 5334.0, 5269.0, 5438.0, 5445.0, 5299.0, 5468.0, 5427.0, 5326.0, 5351.0, 5271.0, 5433.0, 5582.0, 5589.0, 5521.0, 5327.0, 5505.0, 5490.0, 5440.0, 5628.0, 5342.0, 5288.0, 5369.0, 5280.0, 5649.0, 5430.0, 5609.0, 5512.0,

						5306.0, 5503.0, 5682.0, 5522.0, 5680.0 (number of hits: 9)
18	5510	9	1	333	1	5695.0, 5659.0, 5535.0, 5410.0, 5633.0, 5406.0, 5432.0, 5293.0, 5275.0, 5357.0, 5412.0, 5624.0, 5301.0, 5632.0, 5318.0, 5306.0, 5356.0, 5675.0, 5428.0, 5388.0, 5481.0, 5600.0, 5257.0, 5419.0, 5545.0, 5268.0, 5703.0, 5655.0, 5647.0, 5285.0, 5560.0, 5679.0, 5642.0, 5596.0, 5386.0, 5371.0, 5404.0, 5654.0, 5692.0, 5381.0, 5341.0, 5314.0, 5623.0, 5457.0, 5300.0, 5641.0, 5719.0, 5326.0, 5544.0, 5485.0, 5638.0, 5259.0, 5630.0, 5513.0, 5493.0, 5451.0, 5709.0, 5348.0, 5519.0, 5310.0, 5582.0, 5372.0, 5671.0, 5672.0, 5585.0, 5350.0, 5570.0, 5720.0, 5643.0, 5292.0, 5599.0, 5522.0, 5427.0, 5580.0, 5370.0, 5584.0, 5529.0, 5255.0, 5554.0, 5562.0, 5615.0, 5363.0, 5509.0, 5401.0, 5422.0, 5665.0, 5328.0, 5347.0, 5667.0, 5652.0, 5452.0, 5538.0, 5435.0, 5699.0, 5658.0, 5542.0, 5690.0, 5556.0, 5424.0, 5437.0 (number of hits: 5)
19	5510	9	1	333	1	5292.0, 5594.0, 5456.0, 5544.0, 5299.0, 5635.0, 5451.0, 5637.0, 5653.0, 5654.0, 5276.0, 5700.0, 5318.0, 5685.0, 5620.0, 5558.0, 5657.0, 5633.0, 5706.0, 5453.0, 5439.0, 5418.0, 5415.0, 5617.0, 5682.0, 5310.0, 5551.0, 5317.0, 5482.0, 5559.0, 5254.0, 5674.0, 5394.0, 5723.0, 5705.0, 5363.0, 5569.0, 5647.0, 5431.0, 5717.0, 5392.0, 5708.0, 5379.0, 5650.0, 5359.0, 5616.0, 5472.0, 5625.0, 5525.0, 5287.0, 5430.0, 5436.0, 5683.0, 5393.0, 5433.0, 5590.0, 5503.0, 5289.0, 5468.0, 5466.0, 5320.0, 5600.0, 5605.0, 5528.0, 5707.0, 5603.0, 5348.0, 5606.0, 5493.0, 5506.0, 5662.0, 5360.0, 5554.0, 5644.0, 5589.0, 5580.0, 5443.0, 5664.0, 5352.0, 5631.0, 5611.0, 5480.0, 5279.0, 5561.0, 5692.0, 5513.0, 5368.0, 5516.0, 5681.0, 5412.0, 5609.0, 5577.0, 5413.0, 5424.0, 5297.0, 5457.0, 5714.0, 5521.0, 5669.0, 5262.0 (number of hits: 7)
20	5510	9	1	333	1	5432.0, 5685.0, 5464.0, 5445.0, 5641.0, 5283.0, 5500.0, 5414.0, 5457.0, 5524.0, 5273.0, 5330.0, 5334.0, 5268.0, 5272.0, 5580.0, 5565.0, 5402.0, 5614.0, 5493.0, 5506.0, 5376.0, 5430.0, 5282.0, 5716.0, 5304.0, 5394.0, 5552.0, 5498.0, 5635.0, 5505.0, 5535.0, 5390.0, 5606.0, 5672.0, 5518.0, 5274.0, 5613.0, 5384.0, 5326.0, 5656.0, 5639.0, 5342.0, 5441.0, 5265.0, 5422.0, 5543.0, 5671.0, 5271.0, 5617.0, 5715.0, 5317.0, 5546.0, 5515.0, 5380.0, 5526.0, 5595.0, 5575.0, 5550.0, 5568.0, 5658.0, 5488.0, 5507.0, 5494.0, 5419.0, 5542.0, 5499.0, 5504.0, 5297.0, 5477.0, 5623.0, 5409.0, 5387.0, 5620.0, 5361.0, 5410.0, 5717.0, 5287.0, 5378.0, 5632.0,

						5610.0, 5396.0, 5512.0, 5420.0, 5718.0, 5347.0, 5691.0, 5318.0, 5473.0, 5516.0, 5497.0, 5584.0, 5313.0, 5367.0, 5252.0, 5711.0, 5530.0, 5338.0, 5539.0, 5452.0 (number of hits: 16)
21	5510	9	1	333	1	5393.0, 5551.0, 5423.0, 5636.0, 5644.0, 5480.0, 5514.0, 5334.0, 5260.0, 5259.0, 5535.0, 5276.0, 5513.0, 5412.0, 5474.0, 5304.0, 5510.0, 5415.0, 5718.0, 5529.0, 5576.0, 5630.0, 5295.0, 5289.0, 5343.0, 5389.0, 5367.0, 5361.0, 5540.0, 5542.0, 5519.0, 5534.0, 5693.0, 5290.0, 5573.0, 5476.0, 5316.0, 5410.0, 5548.0, 5699.0, 5572.0, 5661.0, 5663.0, 5254.0, 5496.0, 5388.0, 5724.0, 5643.0, 5342.0, 5429.0, 5657.0, 5348.0, 5298.0, 5587.0, 5552.0, 5452.0, 5721.0, 5301.0, 5631.0, 5586.0, 5396.0, 5641.0, 5335.0, 5347.0, 5659.0, 5436.0, 5467.0, 5416.0, 5377.0, 5601.0, 5618.0, 5626.0, 5585.0, 5311.0, 5504.0, 5325.0, 5341.0, 5599.0, 5394.0, 5566.0, 5655.0, 5538.0, 5282.0, 5350.0, 5574.0, 5492.0, 5273.0, 5352.0, 5710.0, 5349.0, 5688.0, 5319.0, 5611.0, 5506.0, 5435.0, 5563.0, 5426.0, 5545.0, 5578.0, 5406.0 (number of hits: 8)
22	5510	9	1	333	1	5289.0, 5390.0, 5691.0, 5292.0, 5450.0, 5433.0, 5510.0, 5541.0, 5706.0, 5716.0, 5552.0, 5549.0, 5299.0, 5602.0, 5650.0, 5724.0, 5377.0, 5600.0, 5448.0, 5368.0, 5562.0, 5559.0, 5568.0, 5524.0, 5500.0, 5582.0, 5447.0, 5481.0, 5673.0, 5258.0, 5261.0, 5432.0, 5281.0, 5621.0, 5320.0, 5539.0, 5274.0, 5430.0, 5655.0, 5251.0, 5298.0, 5254.0, 5469.0, 5388.0, 5622.0, 5677.0, 5339.0, 5278.0, 5468.0, 5667.0, 5603.0, 5607.0, 5666.0, 5340.0, 5429.0, 5482.0, 5578.0, 5279.0, 5355.0, 5423.0, 5380.0, 5275.0, 5418.0, 5297.0, 5302.0, 5421.0, 5601.0, 5344.0, 5584.0, 5644.0, 5671.0, 5696.0, 5590.0, 5256.0, 5517.0, 5454.0, 5699.0, 5363.0, 5643.0, 5577.0, 5439.0, 5506.0, 5567.0, 5350.0, 5369.0, 5663.0, 5452.0, 5471.0, 5475.0, 5263.0, 5609.0, 5664.0, 5543.0, 5561.0, 5291.0, 5611.0, 5295.0, 5431.0, 5406.0, 5306.0 (number of hits: 5)
23	5510	9	1	333	1	5489.0, 5696.0, 5490.0, 5393.0, 5473.0, 5432.0, 5269.0, 5413.0, 5668.0, 5385.0, 5391.0, 5689.0, 5643.0, 5405.0, 5581.0, 5616.0, 5263.0, 5369.0, 5357.0, 5461.0, 5404.0, 5255.0, 5384.0, 5394.0, 5549.0, 5502.0, 5519.0, 5476.0, 5374.0, 5662.0, 5286.0, 5437.0, 5582.0, 5605.0, 5472.0, 5262.0, 5569.0, 5609.0, 5503.0, 5554.0, 5628.0, 5486.0, 5672.0, 5648.0, 5545.0, 5610.0, 5411.0, 5709.0, 5451.0, 5693.0, 5566.0, 5499.0, 5509.0, 5626.0, 5390.0, 5347.0, 5449.0, 5445.0, 5656.0, 5290.0, 5591.0, 5584.0, 5590.0, 5272.0, 5296.0,

						5578.0, 5564.0, 5332.0, 5421.0, 5268.0, 5592.0, 5679.0, 5401.0, 5532.0, 5720.0, 5659.0, 5615.0, 5386.0, 5419.0, 5562.0, 5594.0, 5670.0, 5328.0, 5285.0, 5712.0, 5453.0, 5295.0, 5435.0, 5700.0, 5487.0, 5302.0, 5635.0, 5677.0, 5492.0, 5687.0, 5634.0, 5542.0, 5277.0, 5279.0, 5366.0 (number of hits: 6)
24	5510	9	1	333	1	5317.0, 5304.0, 5568.0, 5593.0, 5555.0, 5659.0, 5256.0, 5569.0, 5450.0, 5583.0, 5538.0, 5442.0, 5254.0, 5629.0, 5695.0, 5632.0, 5674.0, 5441.0, 5424.0, 5536.0, 5491.0, 5655.0, 5666.0, 5581.0, 5269.0, 5575.0, 5624.0, 5440.0, 5368.0, 5642.0, 5417.0, 5311.0, 5385.0, 5636.0, 5625.0, 5721.0, 5661.0, 5522.0, 5392.0, 5680.0, 5361.0, 5573.0, 5376.0, 5564.0, 5714.0, 5539.0, 5460.0, 5690.0, 5480.0, 5457.0, 5357.0, 5597.0, 5320.0, 5315.0, 5416.0, 5488.0, 5600.0, 5496.0, 5535.0, 5429.0, 5261.0, 5422.0, 5595.0, 5713.0, 5644.0, 5598.0, 5701.0, 5639.0, 5540.0, 5280.0, 5323.0, 5286.0, 5510.0, 5507.0, 5608.0, 5525.0, 5475.0, 5572.0, 5668.0, 5444.0, 5386.0, 5560.0, 5699.0, 5531.0, 5451.0, 5310.0, 5327.0, 5462.0, 5613.0, 5518.0, 5318.0, 5587.0, 5294.0, 5341.0, 5552.0, 5292.0, 5637.0, 5645.0, 5641.0, 5347.0 (number of hits: 6)
25	5510	9	1	333	1	5324.0, 5344.0, 5423.0, 5654.0, 5359.0, 5504.0, 5258.0, 5703.0, 5693.0, 5653.0, 5402.0, 5597.0, 5612.0, 5561.0, 5638.0, 5437.0, 5688.0, 5616.0, 5496.0, 5366.0, 5718.0, 5696.0, 5552.0, 5271.0, 5396.0, 5438.0, 5493.0, 5491.0, 5332.0, 5405.0, 5358.0, 5584.0, 5715.0, 5564.0, 5503.0, 5577.0, 5318.0, 5415.0, 5687.0, 5507.0, 5386.0, 5534.0, 5649.0, 5295.0, 5664.0, 5673.0, 5547.0, 5371.0, 5555.0, 5382.0, 5444.0, 5521.0, 5603.0, 5265.0, 5449.0, 5417.0, 5639.0, 5651.0, 5533.0, 5456.0, 5277.0, 5567.0, 5627.0, 5377.0, 5625.0, 5433.0, 5351.0, 5686.0, 5572.0, 5656.0, 5425.0, 5350.0, 5585.0, 5439.0, 5464.0, 5529.0, 5420.0, 5355.0, 5316.0, 5349.0, 5458.0, 5323.0, 5347.0, 5430.0, 5322.0, 5424.0, 5546.0, 5457.0, 5296.0, 5289.0, 5348.0, 5544.0, 5257.0, 5261.0, 5558.0, 5418.0, 5665.0, 5365.0, 5681.0, 5679.0 (number of hits: 6)
26	5510	9	1	333	1	5576.0, 5257.0, 5588.0, 5707.0, 5553.0, 5268.0, 5396.0, 5328.0, 5487.0, 5598.0, 5529.0, 5334.0, 5607.0, 5568.0, 5266.0, 5362.0, 5544.0, 5473.0, 5261.0, 5577.0, 5556.0, 5463.0, 5706.0, 5551.0, 5254.0, 5711.0, 5316.0, 5327.0, 5372.0, 5713.0, 5552.0, 5512.0, 5634.0, 5434.0, 5251.0, 5332.0, 5596.0, 5408.0, 5603.0, 5633.0, 5263.0, 5720.0, 5587.0, 5570.0, 5606.0, 5583.0, 5703.0, 5690.0, 5670.0, 5354.0,

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28	5510	9	1	333	1	5319.0, 5420.0, 5415.0, 5589.0, 5385.0, 5429.0, 5693.0, 5302.0, 5475.0, 5501.0, 5658.0, 5718.0, 5341.0, 5484.0, 5596.0, 5313.0, 5611.0, 5419.0, 5582.0, 5251.0, 5616.0, 5456.0, 5623.0, 5390.0, 5571.0, 5401.0, 5459.0, 5547.0, 5579.0, 5691.0, 5402.0, 5712.0, 5434.0, 5492.0, 5454.0, 5433.0, 5443.0, 5570.0, 5494.0, 5365.0, 5275.0, 5488.0, 5446.0, 5447.0, 5651.0, 5569.0, 5556.0, 5679.0, 5526.0, 5254.0, 5252.0, 5296.0, 5372.0, 5599.0, 5437.0, 5529.0, 5497.0, 5410.0, 5292.0, 5458.0, 5461.0, 5641.0, 5507.0, 5441.0, 5527.0, 5668.0, 5513.0, 5431.0, 5490.0, 5315.0, 5281.0, 5382.0, 5674.0, 5369.0, 5400.0, 5620.0, 5558.0, 5435.0, 5295.0, 5509.0, 5264.0, 5661.0, 5627.0, 5689.0, 5316.0, 5345.0, 5588.0, 5367.0, 5696.0, 5706.0, 5590.0, 5581.0, 5667.0, 5669.0, 5499.0, 5339.0, 5500.0, 5638.0, 5321.0, 5467.0 (number of hits: 11)
29	5510	9	1	333	1	5473.0, 5567.0, 5430.0, 5700.0, 5326.0, 5693.0, 5625.0, 5393.0, 5395.0, 5720.0, 5315.0, 5591.0, 5574.0, 5558.0, 5643.0, 5703.0, 5540.0, 5442.0, 5282.0, 5550.0, 5368.0, 5583.0, 5258.0, 5707.0, 5369.0, 5357.0, 5262.0, 5609.0, 5493.0, 5440.0, 5501.0, 5587.0, 5433.0, 5300.0, 5648.0,

						5680.0, 5250.0, 5530.0, 5702.0, 5466.0, 5505.0, 5640.0, 5691.0, 5538.0, 5274.0, 5556.0, 5298.0, 5539.0, 5525.0, 5687.0, 5653.0, 5484.0, 5519.0, 5255.0, 5483.0, 5579.0, 5502.0, 5723.0, 5500.0, 5620.0, 5597.0, 5712.0, 5353.0, 5342.0, 5364.0, 5319.0, 5347.0, 5697.0, 5613.0, 5552.0, 5527.0, 5606.0, 5441.0, 5273.0, 5266.0, 5303.0, 5309.0, 5512.0, 5599.0, 5711.0, 5608.0, 5577.0, 5444.0, 5715.0, 5560.0, 5459.0, 5686.0, 5586.0, 5708.0, 5705.0, 5294.0, 5717.0, 5392.0, 5429.0, 5627.0, 5457.0, 5548.0, 5622.0, 5299.0, 5645.0 (number of hits: 9)
30	5510	9	1	333	1	5385.0, 5582.0, 5669.0, 5525.0, 5704.0, 5518.0, 5482.0, 5604.0, 5442.0, 5519.0, 5461.0, 5311.0, 5543.0, 5580.0, 5329.0, 5660.0, 5429.0, 5366.0, 5320.0, 5410.0, 5257.0, 5503.0, 5306.0, 5650.0, 5393.0, 5466.0, 5301.0, 5602.0, 5418.0, 5649.0, 5623.0, 5462.0, 5615.0, 5664.0, 5281.0, 5513.0, 5438.0, 5695.0, 5341.0, 5532.0, 5551.0, 5382.0, 5370.0, 5491.0, 5365.0, 5421.0, 5454.0, 5542.0, 5483.0, 5255.0, 5445.0, 5440.0, 5346.0, 5486.0, 5609.0, 5490.0, 5533.0, 5394.0, 5422.0, 5304.0, 5459.0, 5487.0, 5254.0, 5474.0, 5687.0, 5448.0, 5279.0, 5554.0, 5698.0, 5497.0, 5375.0, 5504.0, 5468.0, 5286.0, 5583.0, 5622.0, 5566.0, 5275.0, 5338.0, 5363.0, 5478.0, 5699.0, 5359.0, 5642.0, 5646.0, 5277.0, 5706.0, 5347.0, 5444.0, 5312.0, 5655.0, 5661.0, 5621.0, 5426.0, 5530.0, 5374.0, 5331.0, 5546.0, 5541.0, 5436.0 (number of hits: 7)

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	63.3 %	60%	Pass
Type 3	30	83.3 %	60%	Pass
Type 4	30	90 %	60%	Pass
Aggregate (Type1 to 4)	120	84.2%	80%	Pass
Type 5	30	96.7 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	57	1	938	1
2	5492	61	1	878	1
3	5492	63	1	838	1
4	5492	95	1	558	1
5	5492	92	1	578	1
6	5530	89	1	598	1
7	5530	65	1	818	1
8	5530	78	1	678	1
9	5530	58	1	918	1
10	5530	81	1	658	1
11	5568	62	1	858	1
12	5568	72	1	738	1
13	5568	59	1	898	1
14	5568	99	1	538	1
15	5568	70	1	758	1
16	5492	35	1	1541	1
17	5492	20	1	2718	1
18	5492	62	1	855	1
19	5492	50	1	1067	1
20	5492	19	1	2931	1
21	5530	23	1	2391	1
22	5530	25	1	2143	1
23	5530	37	1	1466	1
24	5530	57	1	940	1
25	5530	24	1	2270	1
26	5568	18	1	2954	1
27	5568	19	1	2909	1
28	5568	71	1	746	1
29	5568	60	1	889	1
30	5568	30	1	1769	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	28	1.4	229	1
2	5492	26	3.5	187	1
3	5492	27	4.6	219	1
4	5492	24	3.8	191	0
5	5492	25	2.6	194	0
6	5492	27	3.1	209	1
7	5492	26	1.5	158	1
8	5492	26	2.2	219	0
9	5492	28	1	204	0
10	5492	26	4.6	172	1
11	5530	23	3.3	194	1
12	5530	25	2.5	159	0
13	5530	23	3.9	150	1
14	5530	27	4	219	1
15	5530	25	4.4	175	1
16	5530	23	3.7	192	1
17	5530	29	2.4	176	0
18	5530	26	4	159	0
19	5530	27	3.2	154	1
20	5530	24	3.7	183	1
21	5568	25	3.3	223	1
22	5568	26	1.7	185	0
23	5568	27	3.3	217	1
24	5568	27	1.3	167	1
25	5568	28	4.6	154	0
26	5568	23	1.7	215	1
27	5568	26	2.3	204	0
28	5568	25	3.8	177	1
29	5568	28	1.6	223	0
30	5568	26	1.7	156	1
Detection Percentage: 63.3 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	17	7.6	281	1
2	5492	18	8.9	435	0
3	5492	16	7	449	1
4	5492	17	8.3	322	0
5	5492	16	8.4	442	1
6	5492	17	6.6	454	1
7	5492	18	10	385	1
8	5492	18	8.1	352	1
9	5492	16	9.2	433	1
10	5492	16	6.6	367	1
11	5530	17	6.1	479	1
12	5530	17	8.7	328	1
13	5530	16	6.8	446	1
14	5530	16	7.6	461	1
15	5530	18	9	305	1
16	5530	18	8.1	215	1
17	5530	16	7.7	456	1
18	5530	16	7.8	383	1
19	5530	18	8.8	423	1
20	5530	16	9.6	427	0
21	5568	18	7	362	1
22	5568	16	8.5	260	0
23	5568	18	8.4	226	1
24	5568	16	7.1	233	1
25	5568	16	7.3	465	1
26	5568	16	7	306	0
27	5568	17	7.9	252	1
28	5568	18	6	307	1
29	5568	17	7.4	459	1
30	5568	17	8.5	306	1
Detection Percentage: 83.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	12	18.8	436	1
2	5492	14	14.1	335	1
3	5492	15	16.1	464	1
4	5492	14	12.1	381	1
5	5492	16	15.5	332	1
6	5492	16	14.4	382	1
7	5492	12	11.4	467	0
8	5492	16	11.2	278	1
9	5492	13	19.7	309	1
10	5492	15	16.4	448	1
11	5530	16	14.1	222	1
12	5530	12	19.6	298	1
13	5530	15	13.5	406	1
14	5530	15	16.6	339	1
15	5530	13	16.2	435	1
16	5530	12	13.5	319	1
17	5530	14	11.7	454	1
18	5530	14	15	245	1
19	5530	14	18.3	270	1
20	5530	12	18.6	420	1
21	5568	14	17.5	234	0
22	5568	14	12.2	458	1
23	5568	12	18.3	402	1
24	5568	13	17.9	448	1
25	5568	14	18.4	305	0
26	5568	16	15.5	207	1
27	5568	14	14.3	354	1
28	5568	14	12	398	1
29	5568	12	16.6	228	1
30	5568	14	14.7	331	1
Detection Percentage: 90 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5496.0	1
12	5495.2	1
13	5497.6	1
14	5495.2	1
15	5494.4	1
16	5499.6	1
17	5499.6	1
18	5497.2	1
19	5495.6	1
20	5499.6	1
21	5562.9	1
22	5561.8	1
23	5560.6	1
24	5561.4	0
25	5563.8	1
26	5561.6	1
27	5563.8	1
28	5563.8	1
29	5564.1	1
30	5564.1	1
Detection Percentage: 96.7% (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	65.4			0.347113	1
1	1	14	95.7			1.287441	
2	2	14	57.1	1607		1.525443	
3	1	14	93.2			2.670781	
4	1	14	79.5			3.285793	
5	3	14	82.9	1924	1714	4.314412	
6	2	14	75.8	1542		4.746248	
7	1	14	77.3			5.277356	
8	2	14	87.1	1971		6.411423	
9	1	14	81.2			7.006527	
10	2	14	68.5	1696		7.791134	
11	1	14	97.4			8.560416	
12	3	14	63.8	1615	1563	9.331232	
13	3	14	97.1	1639	1068	10.015313	
14	1	14	74.6			10.881041	
15	3	14	96.2	1166	1850	11.715951	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	100	1621		1.111844	1
1	1	14	77.7			2.384984	
2	3	14	69.8	1789	1723	3.652103	
3	3	14	95.9	1294	1558	4.882609	
4	1	14	71.6			6.031692	
5	1	14	88.6			7.328057	
6	3	14	86.7	1209	1473	8.942045	
7	2	14	78.4	1297		10.584484	
8	2	14	85.9	1193		11.047608	
9	1	14	81.2			7.006527	
10	2	14	68.5	1696		7.791134	
11	1	14	97.4			8.560416	
12	3	14	63.8	1615	1563	9.331232	
13	3	14	97.1	1639	1068	10.015313	
14	1	14	74.6			10.881041	
15	3	14	96.2	1166	1850	11.715951	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	84.5	1562	1269	0.776884	1
1	2	16	99.8	1061		1.55007	
2	3	16	70.6	1318	1735	2.352888	
3	3	16	50.2	1206	1322	3.291253	
4	1	16	67.8			3.555189	
5	2	16	91.7	1901		4.737532	
6	1	16	88.9			5.507273	
7	3	16	92.9	1463	1911	6.365567	
8	1	16	75			7.398289	
9	3	16	88	1060	1283	8.098054	
10	1	16	64.5			9.003315	
11	2	16	69.6	1557		9.701992	
12	2	16	82.4	1997		10.415727	
13	2	16	66	1528		11.396035	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	53.8			1.068608	1
1	2	7	93.8	1568		1.900997	
2	3	7	65.7	1768	1506	2.888382	
3	2	7	70.1	1187		4.105803	
4	1	7	78.1			5.015561	
5	1	7	81.1			5.939776	
6	3	7	67.3	1047	1326	7.247581	
7	1	7	92.2			7.910346	
8	2	7	82.8	1266		9.433893	
9	2	7	75.6	1264		10.591002	
10	1	7	96.9			10.924358	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	53.7			0.431194	1
1	3	7	60.8	1307	1174	1.035125	
2	2	7	59.7	1712		1.473066	
3	1	7	94.7			2.329094	
4	3	7	68.7	1959	1317	3.062678	
5	1	7	89.4			3.38593	
6	2	7	59.1	1797		4.23822	
7	1	7	99.3			4.725073	
8	1	7	64.9			5.389942	
9	3	7	56.2	1842	1007	6.559931	
10	2	7	73.2	1210		6.686983	
11	1	7	71.5			7.793451	
12	1	7	79.6			8.558015	
13	2	7	50.3	1582		8.900405	
14	3	7	98.3	1020	1620	9.870062	
15	1	7	53.8			10.196845	
16	3	7	62.1	1402	1273	11.229156	
17	1	7	62.5			11.791657	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	58.9	1067		0.35049	1
1	1	10	82			0.73145	
2	1	10	79.9			1.515785	
3	2	10	53.8	1102		2.178244	
4	3	10	69.8	1813	1320	2.573237	
5	2	10	73.7	1520		3.590207	
6	1	10	91.5			4.020289	
7	3	10	99.6	1614	1506	4.766152	
8	2	10	85.2	1698		4.805569	
9	3	10	53.4	1333	1143	5.850578	
10	1	10	83.2			6.238266	
11	1	10	84.6			6.995483	
12	2	10	96.9	1879		7.592868	
13	3	10	95.4	1697	1666	7.912388	
14	3	10	51.9	1918	1107	8.428104	
15	2	10	51.9	1341		9.206642	
16	1	10	61.9			9.968011	
17	2	10	68	1643		10.493126	
18	2	10	51	1280		11.278544	
19	1	10	77.1			11.605713	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	98.7	1363		0.453435	1
1	1	6	58.9			0.690174	
2	1	6	98.6			1.461744	
3	2	6	88	1146		2.631805	
4	1	6	72.6			3.283469	
5	3	6	97.1	1533	1750	3.991093	
6	1	6	81.2			4.240707	
7	1	6	68.4			5.317872	
8	2	6	95.5	1168		5.78132	
9	3	6	96.7	1445	1037	6.426808	
10	1	6	93.1			7.310442	
11	3	6	88.1	1647	1952	7.747672	
12	3	6	57.5	1510	1308	8.313152	
13	3	6	91	1311	1721	8.935508	
14	2	6	94.3	1153		9.875691	
15	3	6	85.6	1136	1092	10.074979	
16	2	6	67.8	1674		11.077121	
17	1	6	52.8			11.785533	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	92	1708		0.506118	
1	2	11	79.6	1145		1.166144	
2	2	11	65.4	1668		1.636407	
3	2	11	55.6	1158		2.595974	
4	2	11	60.4	1493		3.197918	
5	3	11	71.8	1117	1871	3.973651	
6	3	11	77.3	1484	1550	4.263873	
7	3	11	86.7	1164	1824	5.207803	
8	1	11	77			5.661254	1
9	2	11	85.3	1530		6.904088	
10	2	11	65.2	1903		7.506531	
11	1	11	96.6			8.421536	
12	2	11	97	1429		8.85785	
13	3	11	89.7	1219	1882	9.394318	
14	2	11	96.9	1974		10.523631	
15	1	11	68.7			10.605469	
16	1	11	81.9			11.684993	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	65.1	1285		0.20388	
1	3	10	99.2	1901	1338	2.118737	
2	2	10	93.3	1269		3.909218	
3	2	10	81.9	1699		4.953557	
4	3	10	71.7	1175	1241	6.080423	1
5	3	10	59.9	1905	1055	6.72732	
6	1	10	95.6			8.650045	
7	2	10	90.7	1332		10.420837	
8	2	10	63.8	1635		10.801875	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	68.5	1439	1978	0.241836	1
1	2	9	71.4	1293		0.876516	
2	1	9	65.2			1.564508	
3	3	9	94.8	1463	1508	2.270959	
4	2	9	78.5	1420		2.815657	
5	3	9	88.2	1793	1833	3.649614	
6	2	9	70.6	1734		4.322099	
7	1	9	79.7			5.094399	
8	2	9	69.1	1553		5.69367	
9	1	9	92			6.56793	
10	2	9	96.5	1346		7.167658	
11	2	9	54.6	1785		7.372412	
12	1	9	56.9			8.576721	
13	3	9	66	1975	1494	8.743013	
14	3	9	60.3	1804	1637	9.378814	
15	2	9	68.3	1568		10.345667	
16	2	9	77.5	1375		10.858048	
17	3	9	87.1	1128	1722	11.579445	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	75.9			0.952716	1
1	2	10	72.8	1100		1.892702	
2	1	10	93.3			3.667375	
3	1	10	69.9			5.263132	
4	2	10	76.6	1270		6.358126	
5	2	10	82.3	1614		7.043458	
6	2	10	70	1107		8.217817	
7	2	10	72.1	1903		10.20536	
8	2	10	68.1	1643		11.885028	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	62.1	1670		0.653416	1
1	3	8	94.8	1757	1497	1.66959	
2	2	8	87.2	1617		1.923746	
3	2	8	80.4	1778		3.387501	
4	1	8	84.7			3.779722	
5	1	8	81.7			4.423083	
6	2	8	56.1	1577		5.475877	
7	2	8	84.8	1810		6.693531	
8	2	8	84.3	1563		7.535926	
9	2	8	57.2	1454		8.282435	
10	2	8	87.4	1244		8.576029	
11	2	8	75.8	1690		9.944983	
12	2	8	83.6	1399		10.866545	
13	1	8	99.2			11.254468	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	73.1	1660		0.523706	1
1	2	14	83.2	1278		2.169606	
2	2	14	72	1586		2.807562	
3	1	14	90.5			4.272607	
4	3	14	50.2	1908	1589	5.693587	
5	3	14	90.7	1286	1305	7.431676	
6	2	14	60.1	1356		8.742139	
7	2	14	54.4	1629		9.968358	
8	2	14	96	1260		11.767941	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	71.2	1353	1039	0.442525	
1	2	8	78.3	1029		1.107146	
2	2	8	59.3	1851		1.51405	
3	1	8	67.3			2.185211	
4	1	8	69.7			2.838386	
5	1	8	78.1			3.941489	
6	2	8	71.7	1781		4.285717	
7	3	8	73.6	1196	1330	5.319358	
8	1	8	91.6			5.807968	1
9	1	8	99			6.392044	
10	2	8	69.2	1275		7.749222	
11	3	8	74.9	1022	1542	8.25108	
12	3	8	56.4	1296	1914	9.072639	
13	2	8	89.9	1031		9.210716	
14	1	8	52			10.490609	
15	3	8	52.2	1589	1978	11.068384	
16	1	8	70.7			11.405491	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	74	1024	1823	0.845407	1
1	2	6	70.8	1388		0.863655	
2	3	6	71.2	1172	1796	1.806232	
3	2	6	95.4	1078		3.395584	
4	2	6	66.6	1712		3.906342	
5	1	6	75.4			4.325283	
6	2	6	79.6	1689		5.454051	
7	2	6	81.8	1167		6.697896	
8	2	6	79.4	1869		6.912329	
9	2	6	88.3	1372		8.336534	
10	3	6	50.1	1895	1852	8.857065	
11	2	6	82.7	1852		10.202533	
12	1	6	94.7			10.546065	
13	3	6	61.6	1917	1737	11.215788	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	86.6			0.219609	1
1	2	19	65.5	1049		1.18615	
2	1	19	98.8			1.314878	
3	2	19	66.4	1751		2.005714	
4	1	19	83.9			2.457661	
5	2	19	88.3	1757		3.103769	
6	3	19	52.9	1666	1247	3.736228	
7	2	19	61.4	1381		4.588916	
8	3	19	97.9	1130	1073	5.088709	
9	2	19	89.4	1696		5.618581	
10	2	19	61	1156		6.296396	
11	3	19	61.5	1353	1627	6.880638	
12	3	19	53.2	1469	1181	7.357334	
13	3	19	87.3	1934	1473	7.812072	
14	1	19	77.3			8.602769	
15	2	19	80.2	1979		9.373995	
16	3	19	67.9	1667	1082	10.123062	
17	2	19	64.3	1952		10.53452	
18	2	19	80.3	1130		11.14592	
19	2	19	85.8	1293		11.579852	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	80.7	1600	1178	0.516064	1
1	2	19	85.3	1700		0.88784	
2	3	19	50.5	1880	1122	1.549536	
3	2	19	68.7	1676		2.090103	
4	1	19	82.2			3.144625	
5	1	19	65.1			3.178329	
6	2	19	54.5	1217		3.877839	
7	2	19	95.6	1500		4.657628	
8	1	19	51.4			5.259129	
9	1	19	76.4			5.99411	
10	3	19	96	1801	1103	6.809279	
11	1	19	69.7			7.022865	
12	2	19	92.7	1883		8.198859	
13	2	19	80.3	1018		8.762903	
14	2	19	86.8	1003		9.304466	
15	1	19	89			9.707932	
16	2	19	78.6	1213		10.214892	
17	2	19	93.8	1064		11.022969	
18	1	19	56.4			11.461386	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	86.8			0.437313	1
1	2	13	73.3	1539		1.880443	
2	2	13	67.8	1311		2.322465	
3	2	13	77.4	1883		3.620457	
4	3	13	72.6	1569	1790	4.81083	
5	3	13	73.7	1245	1487	5.847893	
6	2	13	85.6	1573		6.676216	
7	1	13	89.6			7.9139	
8	3	13	53.5	1477	1309	8.126861	
9	3	13	95.4	1357	1864	9.564885	
10	1	13	81.4			10.198178	
11	1	13	58.8			11.192691	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	85	1194		1.13686	1
1	2	9	57.1	1287		1.546767	
2	2	9	51.5	1419		2.661232	
3	2	9	59.6	1868		3.681752	
4	2	9	75.2	1336		5.666333	
5	1	9	65.5			7.054345	
6	2	9	61.5	1067		8.18986	
7	1	9	53			9.531074	
8	3	9	53.1	1735	1980	10.787106	
9	1	9	66.1			11.722219	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	92.5	1606		0.148023	1
1	2	19	50.2	1481		0.808789	
2	1	19	98			1.718719	
3	3	19	65.4	1949	1067	3.047543	
4	1	19	88.8			3.882244	
5	1	19	86			4.721646	
6	2	19	70.6	1706		5.168156	
7	2	19	72.1	1279		6.308338	
8	3	19	72.5	1758	1287	7.014098	
9	2	19	73.4	1618		7.221056	
10	1	19	62.2			8.594021	
11	2	19	57.3	1380		9.139928	
12	1	19	62			10.095471	
13	2	19	66.4	1993		10.792206	
14	1	19	79.1			11.919351	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	54.8	1574		0.786664	
1	3	12	60.3	1191	1823	1.593501	
2	2	12	86.8	1146		1.831498	
3	3	12	53.3	1476	1436	2.804165	
4	2	12	92.3	1611		3.577808	
5	1	12	96.9			4.432487	
6	3	12	59	1946	1415	5.182286	
7	2	12	96.7	1250		6.102746	1
8	3	12	99.3	1837	1158	6.845051	
9	3	12	88	1186	1247	7.942188	
10	1	12	51			8.461905	
11	2	12	79.9	1686		8.93717	
12	3	12	63.5	1544	1917	10.373619	
13	2	12	61.6	1341		10.550448	
14	3	12	72.1	1263	1477	11.703042	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	96	1504	1676	0.161077	
1	2	15	59	1767		0.780023	
2	2	15	73.2	1967		1.386038	
3	2	15	50.3	1084		2.225193	
4	3	15	72.2	1958	1491	3.246157	
5	3	15	62.7	1984	1072	3.757466	
6	2	15	51.4	1581		4.056597	
7	3	15	56.3	1854	1243	4.992967	
8	1	15	71.6			5.372242	
9	2	15	51.2	1354		6.142426	1
10	1	15	92.9			6.6975	
11	1	15	86.6			7.729819	
12	2	15	91.3	1621		8.544908	
13	1	15	59.4			9.272302	
14	3	15	94.2	1845	1454	9.404923	
15	2	15	73.7	1369		10.059473	
16	1	15	51.8			10.673609	
17	2	15	58.2	1345		11.654512	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	62.2			0.060129	1
1	2	18	71.1	1461		1.517617	
2	2	18	89.3	1699		2.076692	
3	1	18	52.3			2.859738	
4	2	18	95.6	1542		4.306677	
5	2	18	88.5	1106		5.494148	
6	2	18	87.6	1753		6.259373	
7	2	18	64.1	1472		6.892349	
8	3	18	87.5	1198	1813	7.904394	
9	3	18	71.9	1221	1633	8.428979	
10	2	18	74.1	1875		9.660555	
11	1	18	74.3			11.008756	
12	1	18	50.9			11.879387	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	67.1	1444	1945	0.913573	0
1	2	16	87.2	1912		1.751578	
2	2	16	87.6	1650		2.128121	
3	2	16	86.3	1740		3.450028	
4	2	16	52.4	1251		4.344355	
5	1	16	68.7			4.985753	
6	2	16	66.2	1352		5.948037	
7	1	16	79.3			7.174617	
8	1	16	99.8			7.818527	
9	2	16	52.7	1323		9.046932	
10	2	16	53	1658		10.133278	
11	3	16	61.6	1394	1565	10.972778	
12	1	16	77.8			11.719567	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	97.2	1205	1298	0.234	1
1	2	10	62.1	1542		0.638982	
2	2	10	71.5	1817		1.784439	
3	1	10	60.2			2.048127	
4	1	10	98.4			2.967864	
5	1	10	86			3.783936	
6	1	10	77.8			4.013543	
7	2	10	66.2	1202		4.506565	
8	2	10	59.7	1976		5.100419	
9	2	10	71.9	1077		5.738566	
10	3	10	88.5	1782	1024	6.77063	
11	2	10	76.7	1732		7.229986	
12	2	10	84.7	1517		7.85257	
13	2	10	69.1	1149		8.479273	
14	2	10	72.4	1658		9.382766	
15	2	10	97.8	1615		9.702079	
16	3	10	70.2	1212	1112	10.128765	
17	1	10	65.5			10.737856	
18	2	10	60.3	1373		11.895485	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	52.9			0.18974	1
1	2	13	66.9	1691		1.465672	
2	2	13	87.6	1886		2.538018	
3	2	13	73.1	1686		3.555128	
4	2	13	75.7	1325		4.048326	
5	1	13	53.6			4.848811	
6	2	13	90.1	1902		5.910852	
7	2	13	85.4	1033		6.770089	
8	2	13	95.5	1738		7.779306	
9	2	13	91.2	1844		8.728012	
10	2	13	76.2	1500		9.960485	
11	2	13	96.4	1639		10.846334	
12	2	13	68.3	1286		11.302745	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	78.2	1784		0.53664	1
1	2	10	51.1	1431		0.864849	
2	1	10	65			2.399883	
3	1	10	77.3			2.979017	
4	1	10	69			3.578257	
5	2	10	95.9	1462		4.841992	
6	2	10	60.4	1884		5.375264	
7	1	10	77			6.575559	
8	1	10	61			6.995222	
9	2	10	92.6	1676		7.796732	
10	3	10	78.1	1715	1985	8.969277	
11	1	10	82.4			9.575989	
12	2	10	74.2	1608		10.901928	
13	1	10	87.4			11.525807	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	55.6	1881	1532	0.49294	1
1	2	10	69.7	1084		1.438708	
2	1	10	95.5			2.477086	
3	3	10	60.5	1655	1593	2.860742	
4	2	10	77.3	1029		4.127621	
5	1	10	96.7			4.771396	
6	2	10	92.4	1715		5.55161	
7	2	10	98.5	1209		6.482127	
8	1	10	66.7			7.211531	
9	3	10	86.1	1269	1467	8.497023	
10	3	10	73.5	1320	1368	9.398608	
11	1	10	57.8			10.255959	
12	2	10	90.5	1199		10.546419	
13	2	10	72.4	1610		11.938154	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	63	1117		0.239435	1
1	3	9	87.2	1467	1366	1.671426	
2	3	9	72.7	1275	1043	2.338917	
3	1	9	84.1			2.955858	
4	2	9	81	1461		3.871068	
5	2	9	94.4	1458		4.985759	
6	3	9	50.8	1415	1210	5.332823	
7	2	9	79.3	1005		6.011781	
8	2	9	64.8	1017		6.999151	
9	3	9	50.8	1558	1284	7.96696	
10	2	9	92.1	1716		9.346483	
11	3	9	63.8	1358	1311	9.850827	
12	3	9	94.6	1322	1311	10.505026	
13	1	9	60.1			11.216742	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	97.9	1698	1512	0.410866	1
1	3	9	73.9	1069	1994	1.629305	
2	3	9	64	1034	1414	4.225379	
3	3	9	69.1	1072	1679	4.822733	
4	3	9	72.3	1342	1341	6.487402	
5	2	9	80.8	1840		8.264668	
6	2	9	98	1899		10.14938	
7	3	9	64.2	1078	1281	10.732373	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530	9	1	333	1	5484.0, 5594.0, 5257.0, 5575.0, 5517.0, 5577.0, 5398.0, 5321.0, 5437.0, 5470.0, 5687.0, 5548.0, 5544.0, 5710.0, 5427.0, 5307.0, 5608.0, 5472.0, 5602.0, 5533.0, 5560.0, 5410.0, 5680.0, 5261.0, 5552.0, 5492.0, 5421.0, 5453.0, 5436.0, 5302.0, 5432.0, 5445.0, 5534.0, 5417.0, 5502.0, 5562.0, 5549.0, 5676.0, 5682.0, 5639.0, 5258.0, 5447.0, 5356.0, 5583.0, 5268.0, 5623.0, 5281.0, 5383.0, 5545.0, 5598.0, 5597.0, 5636.0, 5282.0, 5507.0, 5716.0, 5599.0, 5260.0, 5279.0, 5518.0, 5522.0, 5719.0, 5423.0, 5723.0, 5305.0, 5271.0, 5617.0, 5489.0, 5643.0, 5272.0, 5622.0, 5601.0, 5290.0, 5339.0, 5329.0, 5711.0, 5513.0, 5467.0, 5584.0, 5632.0, 5626.0, 5376.0, 5656.0, 5487.0, 5631.0, 5397.0, 5585.0, 5262.0, 5499.0, 5568.0, 5304.0, 5285.0, 5448.0, 5605.0, 5532.0, 5266.0, 5607.0, 5647.0, 5693.0, 5720.0, 5340.0 (number of hits: 18)
2	5530	9	1	333	1	5325.0, 5313.0, 5480.0, 5542.0, 5429.0, 5356.0, 5278.0, 5523.0, 5284.0, 5283.0, 5293.0, 5519.0, 5299.0, 5442.0, 5529.0, 5444.0, 5633.0, 5430.0, 5308.0, 5724.0, 5649.0, 5597.0, 5675.0, 5446.0, 5353.0, 5684.0, 5591.0, 5311.0, 5645.0, 5394.0, 5410.0, 5612.0, 5616.0, 5582.0, 5664.0, 5447.0, 5506.0, 5638.0, 5407.0, 5549.0, 5290.0, 5677.0, 5376.0, 5477.0, 5620.0, 5595.0, 5347.0, 5469.0, 5566.0, 5530.0, 5294.0, 5672.0, 5601.0, 5346.0, 5450.0, 5265.0, 5546.0, 5710.0, 5391.0, 5532.0, 5306.0, 5538.0, 5280.0, 5435.0, 5692.0, 5428.0, 5381.0, 5438.0, 5584.0, 5706.0, 5491.0, 5713.0, 5486.0, 5459.0, 5544.0, 5720.0, 5580.0, 5408.0, 5600.0, 5397.0, 5417.0, 5700.0, 5632.0, 5342.0, 5286.0, 5589.0, 5307.0, 5319.0, 5251.0, 5320.0, 5663.0, 5525.0, 5336.0, 5348.0, 5359.0, 5426.0, 5528.0, 5603.0, 5396.0, 5570.0 (number of hits: 14)
3	5530	9	1	333	1	5704.0, 5577.0, 5283.0, 5490.0, 5385.0, 5578.0, 5703.0, 5593.0, 5583.0, 5406.0, 5426.0, 5327.0, 5677.0, 5293.0, 5470.0, 5724.0, 5561.0, 5277.0, 5717.0, 5621.0, 5665.0, 5498.0, 5487.0, 5515.0, 5576.0, 5333.0, 5392.0, 5304.0, 5427.0, 5678.0, 5489.0, 5619.0, 5379.0, 5491.0, 5368.0, 5537.0, 5267.0, 5505.0, 5711.0, 5720.0, 5273.0, 5644.0, 5375.0, 5494.0, 5636.0, 5383.0, 5444.0, 5585.0, 5306.0, 5331.0, 5372.0, 5259.0, 5643.0, 5380.0, 5500.0, 5486.0, 5404.0, 5439.0, 5472.0, 5351.0,

						5551.0, 5279.0, 5391.0, 5699.0, 5318.0, 5538.0, 5627.0, 5409.0, 5610.0, 5651.0, 5718.0, 5256.0, 5488.0, 5613.0, 5560.0, 5390.0, 5701.0, 5473.0, 5695.0, 5508.0, 5348.0, 5641.0, 5423.0, 5580.0, 5417.0, 5616.0, 5586.0, 5342.0, 5257.0, 5623.0, 5457.0, 5357.0, 5438.0, 5571.0, 5523.0, 5275.0, 5713.0, 5401.0, 5334.0, 5260.0 (number of hits: 12)
4	5530	9	1	333	1	5326.0, 5294.0, 5482.0, 5515.0, 5405.0, 5560.0, 5615.0, 5353.0, 5600.0, 5523.0, 5499.0, 5354.0, 5252.0, 5529.0, 5635.0, 5297.0, 5270.0, 5348.0, 5467.0, 5289.0, 5671.0, 5664.0, 5571.0, 5287.0, 5347.0, 5673.0, 5602.0, 5399.0, 5718.0, 5533.0, 5500.0, 5568.0, 5647.0, 5653.0, 5641.0, 5359.0, 5548.0, 5307.0, 5323.0, 5534.0, 5700.0, 5440.0, 5684.0, 5442.0, 5619.0, 5614.0, 5313.0, 5277.0, 5457.0, 5468.0, 5464.0, 5310.0, 5645.0, 5452.0, 5712.0, 5312.0, 5694.0, 5572.0, 5479.0, 5422.0, 5273.0, 5610.0, 5652.0, 5554.0, 5303.0, 5471.0, 5521.0, 5443.0, 5716.0, 5604.0, 5690.0, 5284.0, 5542.0, 5416.0, 5259.0, 5345.0, 5478.0, 5333.0, 5639.0, 5567.0, 5285.0, 5490.0, 5575.0, 5375.0, 5537.0, 5516.0, 5460.0, 5319.0, 5316.0, 5261.0, 5453.0, 5369.0, 5258.0, 5272.0, 5415.0, 5720.0, 5629.0, 5279.0, 5449.0, 5579.0 (number of hits: 15)
5	5530	9	1	333	1	5476.0, 5354.0, 5591.0, 5392.0, 5631.0, 5604.0, 5507.0, 5673.0, 5269.0, 5376.0, 5633.0, 5410.0, 5461.0, 5676.0, 5491.0, 5612.0, 5653.0, 5281.0, 5724.0, 5576.0, 5485.0, 5709.0, 5438.0, 5333.0, 5647.0, 5350.0, 5252.0, 5723.0, 5415.0, 5702.0, 5649.0, 5423.0, 5603.0, 5355.0, 5525.0, 5300.0, 5529.0, 5569.0, 5494.0, 5498.0, 5260.0, 5299.0, 5419.0, 5304.0, 5369.0, 5303.0, 5566.0, 5329.0, 5456.0, 5418.0, 5324.0, 5541.0, 5258.0, 5358.0, 5400.0, 5547.0, 5450.0, 5714.0, 5317.0, 5399.0, 5704.0, 5718.0, 5434.0, 5472.0, 5447.0, 5306.0, 5512.0, 5496.0, 5374.0, 5658.0, 5555.0, 5373.0, 5665.0, 5574.0, 5558.0, 5635.0, 5326.0, 5382.0, 5344.0, 5716.0, 5313.0, 5283.0, 5497.0, 5455.0, 5689.0, 5384.0, 5581.0, 5678.0, 5556.0, 5298.0, 5481.0, 5256.0, 5475.0, 5594.0, 5645.0, 5459.0, 5710.0, 5424.0, 5431.0, 5694.0 (number of hits: 14)
6	5530	9	1	333	1	5377.0, 5645.0, 5544.0, 5456.0, 5530.0, 5536.0, 5477.0, 5604.0, 5605.0, 5272.0, 5572.0, 5290.0, 5563.0, 5258.0, 5495.0, 5472.0, 5721.0, 5388.0, 5307.0, 5501.0, 5309.0, 5365.0, 5283.0, 5574.0, 5549.0, 5527.0, 5461.0, 5450.0, 5455.0, 5344.0, 5698.0, 5655.0, 5405.0, 5699.0, 5586.0, 5364.0, 5252.0, 5481.0, 5433.0, 5691.0, 5717.0, 5597.0, 5628.0, 5359.0, 5395.0,

						5420.0, 5467.0, 5716.0, 5434.0, 5396.0, 5463.0, 5522.0, 5268.0, 5444.0, 5642.0, 5518.0, 5515.0, 5352.0, 5417.0, 5491.0, 5412.0, 5573.0, 5319.0, 5594.0, 5600.0, 5627.0, 5631.0, 5250.0, 5601.0, 5362.0, 5349.0, 5509.0, 5329.0, 5274.0, 5366.0, 5386.0, 5673.0, 5285.0, 5448.0, 5532.0, 5622.0, 5432.0, 5665.0, 5500.0, 5315.0, 5427.0, 5436.0, 5692.0, 5654.0, 5580.0, 5676.0, 5355.0, 5269.0, 5451.0, 5508.0, 5637.0, 5677.0, 5497.0, 5704.0, 5608.0 (number of hits: 16)
7	5530	9	1	333	1	5445.0, 5661.0, 5462.0, 5631.0, 5715.0, 5581.0, 5501.0, 5572.0, 5639.0, 5340.0, 5269.0, 5713.0, 5327.0, 5609.0, 5414.0, 5649.0, 5407.0, 5507.0, 5310.0, 5568.0, 5286.0, 5430.0, 5475.0, 5617.0, 5488.0, 5564.0, 5457.0, 5436.0, 5412.0, 5560.0, 5610.0, 5717.0, 5393.0, 5701.0, 5686.0, 5569.0, 5562.0, 5408.0, 5381.0, 5679.0, 5275.0, 5622.0, 5409.0, 5632.0, 5416.0, 5722.0, 5512.0, 5411.0, 5487.0, 5719.0, 5370.0, 5518.0, 5478.0, 5644.0, 5641.0, 5678.0, 5574.0, 5461.0, 5696.0, 5403.0, 5506.0, 5306.0, 5309.0, 5668.0, 5433.0, 5348.0, 5265.0, 5505.0, 5305.0, 5504.0, 5314.0, 5614.0, 5483.0, 5618.0, 5625.0, 5328.0, 5257.0, 5420.0, 5606.0, 5550.0, 5359.0, 5698.0, 5593.0, 5459.0, 5636.0, 5332.0, 5552.0, 5320.0, 5301.0, 5470.0, 5361.0, 5345.0, 5338.0, 5623.0, 5398.0, 5490.0, 5665.0, 5659.0, 5455.0, 5499.0 (number of hits: 13)
8	5530	9	1	333	1	5312.0, 5591.0, 5570.0, 5589.0, 5711.0, 5564.0, 5436.0, 5367.0, 5521.0, 5426.0, 5574.0, 5692.0, 5445.0, 5380.0, 5307.0, 5402.0, 5273.0, 5303.0, 5262.0, 5386.0, 5320.0, 5708.0, 5277.0, 5464.0, 5274.0, 5457.0, 5439.0, 5477.0, 5346.0, 5287.0, 5652.0, 5362.0, 5602.0, 5345.0, 5395.0, 5548.0, 5523.0, 5605.0, 5678.0, 5576.0, 5530.0, 5624.0, 5377.0, 5270.0, 5447.0, 5710.0, 5443.0, 5596.0, 5329.0, 5625.0, 5338.0, 5404.0, 5383.0, 5626.0, 5705.0, 5288.0, 5498.0, 5502.0, 5604.0, 5549.0, 5712.0, 5364.0, 5410.0, 5663.0, 5512.0, 5702.0, 5481.0, 5571.0, 5510.0, 5478.0, 5314.0, 5615.0, 5536.0, 5425.0, 5272.0, 5401.0, 5361.0, 5446.0, 5322.0, 5344.0, 5291.0, 5354.0, 5528.0, 5254.0, 5657.0, 5724.0, 5355.0, 5504.0, 5324.0, 5335.0, 5275.0, 5280.0, 5271.0, 5595.0, 5452.0, 5440.0, 5662.0, 5496.0, 5353.0, 5333.0 (number of hits: 14)
9	5530	9	1	333	1	5392.0, 5529.0, 5354.0, 5626.0, 5667.0, 5278.0, 5588.0, 5396.0, 5531.0, 5257.0, 5697.0, 5578.0, 5591.0, 5500.0, 5378.0, 5485.0, 5417.0, 5581.0, 5614.0, 5453.0, 5251.0, 5600.0, 5624.0, 5618.0, 5356.0, 5472.0, 5454.0, 5451.0, 5440.0, 5712.0,

						5471.0, 5720.0, 5562.0, 5346.0, 5547.0, 5540.0, 5435.0, 5508.0, 5644.0, 5446.0, 5525.0, 5409.0, 5574.0, 5296.0, 5428.0, 5648.0, 5407.0, 5577.0, 5397.0, 5359.0, 5665.0, 5512.0, 5433.0, 5376.0, 5373.0, 5586.0, 5347.0, 5702.0, 5552.0, 5587.0, 5443.0, 5403.0, 5533.0, 5650.0, 5685.0, 5642.0, 5698.0, 5521.0, 5434.0, 5319.0, 5559.0, 5292.0, 5479.0, 5258.0, 5315.0, 5495.0, 5309.0, 5706.0, 5366.0, 5263.0, 5442.0, 5619.0, 5585.0, 5688.0, 5645.0, 5510.0, 5369.0, 5522.0, 5355.0, 5515.0, 5595.0, 5372.0, 5627.0, 5348.0, 5334.0, 5415.0, 5350.0, 5633.0, 5295.0, 5518.0 (number of hits: 18)
10	5530	9	1	333	1	5703.0, 5597.0, 5542.0, 5463.0, 5547.0, 5343.0, 5635.0, 5396.0, 5513.0, 5641.0, 5264.0, 5702.0, 5380.0, 5534.0, 5488.0, 5524.0, 5451.0, 5447.0, 5607.0, 5288.0, 5425.0, 5449.0, 5722.0, 5330.0, 5327.0, 5335.0, 5490.0, 5388.0, 5573.0, 5274.0, 5294.0, 5257.0, 5529.0, 5279.0, 5668.0, 5624.0, 5720.0, 5393.0, 5403.0, 5308.0, 5646.0, 5663.0, 5458.0, 5259.0, 5608.0, 5567.0, 5269.0, 5724.0, 5302.0, 5561.0, 5685.0, 5271.0, 5422.0, 5628.0, 5437.0, 5438.0, 5700.0, 5401.0, 5535.0, 5390.0, 5482.0, 5311.0, 5517.0, 5339.0, 5340.0, 5479.0, 5444.0, 5683.0, 5588.0, 5512.0, 5405.0, 5649.0, 5695.0, 5681.0, 5414.0, 5322.0, 5714.0, 5560.0, 5497.0, 5498.0, 5674.0, 5578.0, 5418.0, 5400.0, 5613.0, 5268.0, 5254.0, 5478.0, 5616.0, 5314.0, 5421.0, 5671.0, 5687.0, 5359.0, 5505.0, 5518.0, 5587.0, 5553.0, 5431.0, 5492.0 (number of hits: 18)
11	5530	9	1	333	1	5722.0, 5353.0, 5392.0, 5527.0, 5502.0, 5596.0, 5340.0, 5628.0, 5344.0, 5701.0, 5680.0, 5695.0, 5510.0, 5714.0, 5253.0, 5307.0, 5272.0, 5449.0, 5492.0, 5325.0, 5448.0, 5451.0, 5494.0, 5707.0, 5416.0, 5600.0, 5652.0, 5439.0, 5278.0, 5511.0, 5296.0, 5525.0, 5581.0, 5655.0, 5616.0, 5475.0, 5399.0, 5509.0, 5347.0, 5672.0, 5471.0, 5327.0, 5287.0, 5436.0, 5280.0, 5480.0, 5405.0, 5467.0, 5484.0, 5343.0, 5426.0, 5571.0, 5433.0, 5277.0, 5459.0, 5301.0, 5532.0, 5535.0, 5674.0, 5569.0, 5275.0, 5718.0, 5308.0, 5698.0, 5443.0, 5589.0, 5584.0, 5552.0, 5632.0, 5592.0, 5705.0, 5667.0, 5385.0, 5318.0, 5338.0, 5291.0, 5412.0, 5711.0, 5528.0, 5261.0, 5503.0, 5328.0, 5649.0, 5256.0, 5675.0, 5713.0, 5464.0, 5699.0, 5485.0, 5681.0, 5723.0, 5251.0, 5310.0, 5598.0, 5560.0, 5329.0, 5417.0, 5573.0, 5710.0, 5677.0 (number of hits: 14)
12	5530	9	1	333	1	5421.0, 5283.0, 5595.0, 5271.0, 5508.0, 5481.0, 5435.0, 5519.0, 5570.0, 5340.0, 5468.0, 5363.0, 5302.0, 5490.0, 5489.0,

						5642.0, 5584.0, 5669.0, 5672.0, 5718.0, 5708.0, 5635.0, 5479.0, 5351.0, 5251.0, 5644.0, 5670.0, 5270.0, 5599.0, 5322.0, 5667.0, 5515.0, 5710.0, 5582.0, 5398.0, 5427.0, 5429.0, 5685.0, 5443.0, 5557.0, 5423.0, 5607.0, 5598.0, 5349.0, 5525.0, 5399.0, 5298.0, 5604.0, 5600.0, 5505.0, 5646.0, 5589.0, 5506.0, 5514.0, 5393.0, 5523.0, 5365.0, 5308.0, 5549.0, 5575.0, 5566.0, 5601.0, 5292.0, 5678.0, 5329.0, 5389.0, 5264.0, 5543.0, 5317.0, 5335.0, 5469.0, 5695.0, 5616.0, 5362.0, 5341.0, 5617.0, 5303.0, 5530.0, 5269.0, 5375.0, 5613.0, 5331.0, 5561.0, 5445.0, 5442.0, 5528.0, 5621.0, 5614.0, 5556.0, 5666.0, 5437.0, 5592.0, 5364.0, 5660.0, 5447.0, 5569.0, 5501.0, 5295.0, 5719.0, 5588.0 (number of hits: 17)
13	5530	9	1	333	1	5630.0, 5600.0, 5293.0, 5391.0, 5337.0, 5556.0, 5663.0, 5669.0, 5660.0, 5665.0, 5708.0, 5412.0, 5553.0, 5717.0, 5649.0, 5601.0, 5486.0, 5543.0, 5620.0, 5264.0, 5690.0, 5490.0, 5371.0, 5624.0, 5681.0, 5705.0, 5679.0, 5496.0, 5536.0, 5603.0, 5622.0, 5450.0, 5541.0, 5691.0, 5704.0, 5687.0, 5349.0, 5489.0, 5542.0, 5686.0, 5309.0, 5507.0, 5430.0, 5378.0, 5465.0, 5592.0, 5488.0, 5306.0, 5662.0, 5250.0, 5608.0, 5517.0, 5585.0, 5327.0, 5407.0, 5482.0, 5333.0, 5449.0, 5400.0, 5510.0, 5374.0, 5433.0, 5322.0, 5605.0, 5502.0, 5519.0, 5298.0, 5652.0, 5297.0, 5375.0, 5377.0, 5389.0, 5529.0, 5595.0, 5700.0, 5535.0, 5498.0, 5504.0, 5304.0, 5614.0, 5531.0, 5291.0, 5355.0, 5459.0, 5328.0, 5549.0, 5357.0, 5599.0, 5350.0, 5330.0, 5281.0, 5396.0, 5275.0, 5503.0, 5659.0, 5436.0, 5577.0, 5580.0, 5723.0, 5478.0 (number of hits: 19)
14	5530	9	1	333	1	5690.0, 5330.0, 5377.0, 5603.0, 5597.0, 5462.0, 5329.0, 5296.0, 5439.0, 5294.0, 5473.0, 5304.0, 5500.0, 5708.0, 5434.0, 5413.0, 5681.0, 5586.0, 5387.0, 5389.0, 5496.0, 5261.0, 5527.0, 5456.0, 5281.0, 5623.0, 5454.0, 5298.0, 5448.0, 5255.0, 5295.0, 5284.0, 5464.0, 5565.0, 5453.0, 5610.0, 5283.0, 5679.0, 5549.0, 5516.0, 5452.0, 5648.0, 5494.0, 5685.0, 5655.0, 5561.0, 5716.0, 5416.0, 5682.0, 5447.0, 5637.0, 5401.0, 5326.0, 5562.0, 5656.0, 5683.0, 5414.0, 5514.0, 5605.0, 5300.0, 5589.0, 5598.0, 5515.0, 5442.0, 5417.0, 5554.0, 5402.0, 5466.0, 5396.0, 5315.0, 5319.0, 5531.0, 5689.0, 5706.0, 5438.0, 5654.0, 5659.0, 5705.0, 5503.0, 5308.0, 5478.0, 5307.0, 5539.0, 5665.0, 5313.0, 5617.0, 5343.0, 5341.0, 5588.0, 5702.0, 5596.0, 5338.0, 5360.0, 5419.0, 5423.0, 5303.0, 5344.0, 5719.0, 5557.0, 5463.0 (number of hits: 16)

15	5530	9	1	333	1	5627.0, 5573.0, 5383.0, 5465.0, 5285.0, 5720.0, 5317.0, 5395.0, 5293.0, 5447.0, 5570.0, 5468.0, 5458.0, 5272.0, 5686.0, 5572.0, 5266.0, 5498.0, 5706.0, 5392.0, 5461.0, 5519.0, 5381.0, 5715.0, 5290.0, 5591.0, 5336.0, 5399.0, 5710.0, 5552.0, 5600.0, 5641.0, 5443.0, 5636.0, 5428.0, 5372.0, 5650.0, 5375.0, 5520.0, 5256.0, 5353.0, 5340.0, 5625.0, 5338.0, 5630.0, 5418.0, 5329.0, 5457.0, 5264.0, 5324.0, 5540.0, 5309.0, 5335.0, 5539.0, 5609.0, 5287.0, 5676.0, 5396.0, 5448.0, 5320.0, 5640.0, 5662.0, 5490.0, 5624.0, 5415.0, 5277.0, 5597.0, 5497.0, 5542.0, 5569.0, 5601.0, 5258.0, 5459.0, 5682.0, 5588.0, 5406.0, 5711.0, 5313.0, 5268.0, 5525.0, 5523.0, 5515.0, 5612.0, 5705.0, 5659.0, 5712.0, 5546.0, 5253.0, 5460.0, 5541.0, 5370.0, 5365.0, 5582.0, 5599.0, 5473.0, 5685.0, 5532.0, 5425.0, 5508.0, 5553.0 (number of hits: 16)
16	5530	9	1	333	1	5438.0, 5335.0, 5682.0, 5513.0, 5665.0, 5345.0, 5683.0, 5280.0, 5494.0, 5690.0, 5567.0, 5517.0, 5487.0, 5260.0, 5621.0, 5624.0, 5324.0, 5637.0, 5628.0, 5485.0, 5263.0, 5423.0, 5634.0, 5496.0, 5685.0, 5661.0, 5365.0, 5564.0, 5490.0, 5656.0, 5457.0, 5329.0, 5522.0, 5261.0, 5276.0, 5271.0, 5386.0, 5580.0, 5396.0, 5316.0, 5528.0, 5592.0, 5643.0, 5445.0, 5306.0, 5493.0, 5337.0, 5503.0, 5607.0, 5300.0, 5470.0, 5585.0, 5627.0, 5566.0, 5654.0, 5460.0, 5721.0, 5570.0, 5277.0, 5568.0, 5481.0, 5557.0, 5667.0, 5461.0, 5590.0, 5620.0, 5601.0, 5398.0, 5558.0, 5525.0, 5553.0, 5395.0, 5609.0, 5406.0, 5671.0, 5548.0, 5296.0, 5400.0, 5676.0, 5327.0, 5292.0, 5450.0, 5556.0, 5290.0, 5268.0, 5562.0, 5362.0, 5478.0, 5563.0, 5303.0, 5255.0, 5668.0, 5629.0, 5616.0, 5530.0, 5527.0, 5633.0, 5281.0, 5599.0, 5644.0 (number of hits: 21)
17	5530	9	1	333	1	5311.0, 5314.0, 5550.0, 5557.0, 5260.0, 5470.0, 5597.0, 5323.0, 5604.0, 5582.0, 5293.0, 5350.0, 5481.0, 5521.0, 5697.0, 5484.0, 5553.0, 5676.0, 5390.0, 5632.0, 5284.0, 5305.0, 5367.0, 5548.0, 5421.0, 5391.0, 5531.0, 5525.0, 5692.0, 5633.0, 5286.0, 5279.0, 5434.0, 5458.0, 5400.0, 5355.0, 5443.0, 5681.0, 5272.0, 5512.0, 5552.0, 5369.0, 5537.0, 5309.0, 5709.0, 5428.0, 5594.0, 5467.0, 5419.0, 5381.0, 5520.0, 5318.0, 5601.0, 5680.0, 5450.0, 5370.0, 5296.0, 5657.0, 5396.0, 5528.0, 5389.0, 5720.0, 5516.0, 5303.0, 5620.0, 5415.0, 5716.0, 5651.0, 5536.0, 5628.0, 5277.0, 5580.0, 5612.0, 5478.0, 5505.0, 5441.0, 5345.0, 5480.0, 5679.0, 5701.0, 5433.0, 5495.0, 5518.0, 5424.0, 5477.0, 5618.0, 5598.0, 5486.0, 5710.0, 5513.0,

						5307.0, 5474.0, 5461.0, 5588.0, 5538.0, 5563.0, 5254.0, 5543.0, 5569.0, 5442.0 (number of hits: 21)
18	5530	9	1	333	1	5661.0, 5552.0, 5270.0, 5711.0, 5591.0, 5667.0, 5550.0, 5723.0, 5540.0, 5477.0, 5487.0, 5643.0, 5417.0, 5629.0, 5602.0, 5365.0, 5354.0, 5461.0, 5539.0, 5599.0, 5455.0, 5414.0, 5709.0, 5444.0, 5274.0, 5611.0, 5527.0, 5359.0, 5387.0, 5628.0, 5710.0, 5548.0, 5547.0, 5581.0, 5310.0, 5496.0, 5402.0, 5494.0, 5333.0, 5463.0, 5549.0, 5319.0, 5396.0, 5453.0, 5419.0, 5263.0, 5594.0, 5651.0, 5287.0, 5560.0, 5412.0, 5595.0, 5658.0, 5318.0, 5490.0, 5532.0, 5671.0, 5689.0, 5692.0, 5663.0, 5607.0, 5592.0, 5337.0, 5353.0, 5508.0, 5666.0, 5712.0, 5636.0, 5451.0, 5679.0, 5426.0, 5507.0, 5403.0, 5371.0, 5543.0, 5289.0, 5646.0, 5537.0, 5305.0, 5290.0, 5253.0, 5676.0, 5504.0, 5534.0, 5363.0, 5345.0, 5314.0, 5511.0, 5434.0, 5458.0, 5404.0, 5696.0, 5564.0, 5678.0, 5447.0, 5301.0, 5522.0, 5256.0, 5497.0, 5483.0 (number of hits: 22)
19	5530	9	1	333	1	5382.0, 5400.0, 5655.0, 5671.0, 5680.0, 5470.0, 5620.0, 5357.0, 5582.0, 5529.0, 5723.0, 5513.0, 5540.0, 5669.0, 5389.0, 5667.0, 5714.0, 5353.0, 5583.0, 5587.0, 5282.0, 5323.0, 5444.0, 5509.0, 5521.0, 5609.0, 5640.0, 5617.0, 5550.0, 5526.0, 5341.0, 5497.0, 5255.0, 5368.0, 5428.0, 5296.0, 5579.0, 5332.0, 5710.0, 5408.0, 5703.0, 5554.0, 5489.0, 5525.0, 5713.0, 5674.0, 5352.0, 5576.0, 5717.0, 5651.0, 5277.0, 5405.0, 5692.0, 5370.0, 5269.0, 5648.0, 5599.0, 5663.0, 5387.0, 5590.0, 5682.0, 5398.0, 5646.0, 5622.0, 5285.0, 5659.0, 5388.0, 5594.0, 5716.0, 5493.0, 5414.0, 5432.0, 5558.0, 5492.0, 5412.0, 5463.0, 5552.0, 5462.0, 5308.0, 5524.0, 5469.0, 5591.0, 5666.0, 5453.0, 5289.0, 5519.0, 5641.0, 5376.0, 5615.0, 5684.0, 5721.0, 5476.0, 5322.0, 5564.0, 5530.0, 5506.0, 5675.0, 5702.0, 5346.0, 5517.0 (number of hits: 20)
20	5530	9	1	333	1	5328.0, 5498.0, 5343.0, 5520.0, 5400.0, 5692.0, 5595.0, 5286.0, 5398.0, 5600.0, 5414.0, 5523.0, 5690.0, 5433.0, 5317.0, 5552.0, 5296.0, 5615.0, 5563.0, 5664.0, 5590.0, 5466.0, 5287.0, 5571.0, 5385.0, 5680.0, 5435.0, 5361.0, 5373.0, 5581.0, 5479.0, 5416.0, 5634.0, 5469.0, 5411.0, 5663.0, 5621.0, 5453.0, 5380.0, 5628.0, 5490.0, 5494.0, 5569.0, 5339.0, 5624.0, 5533.0, 5321.0, 5452.0, 5500.0, 5545.0, 5659.0, 5451.0, 5378.0, 5458.0, 5303.0, 5276.0, 5430.0, 5292.0, 5331.0, 5591.0, 5383.0, 5384.0, 5540.0, 5324.0, 5675.0, 5620.0, 5508.0, 5338.0, 5363.0, 5357.0, 5252.0, 5556.0, 5355.0, 5455.0, 5332.0,

						5657.0, 5551.0, 5626.0, 5608.0, 5654.0, 5376.0, 5298.0, 5705.0, 5588.0, 5267.0, 5688.0, 5475.0, 5461.0, 5465.0, 5686.0, 5641.0, 5449.0, 5708.0, 5470.0, 5562.0, 5300.0, 5293.0, 5395.0, 5367.0, 5472.0 (number of hits: 14)
21	5530	9	1	333	1	5492.0, 5449.0, 5563.0, 5521.0, 5582.0, 5560.0, 5629.0, 5572.0, 5587.0, 5285.0, 5483.0, 5271.0, 5403.0, 5354.0, 5489.0, 5703.0, 5653.0, 5596.0, 5384.0, 5616.0, 5266.0, 5553.0, 5481.0, 5375.0, 5701.0, 5319.0, 5548.0, 5442.0, 5676.0, 5326.0, 5441.0, 5453.0, 5292.0, 5509.0, 5448.0, 5358.0, 5330.0, 5503.0, 5721.0, 5433.0, 5301.0, 5565.0, 5639.0, 5679.0, 5650.0, 5355.0, 5594.0, 5379.0, 5550.0, 5356.0, 5420.0, 5436.0, 5438.0, 5258.0, 5636.0, 5589.0, 5580.0, 5604.0, 5522.0, 5710.0, 5485.0, 5638.0, 5414.0, 5505.0, 5511.0, 5297.0, 5602.0, 5261.0, 5472.0, 5689.0, 5630.0, 5717.0, 5512.0, 5590.0, 5380.0, 5457.0, 5327.0, 5464.0, 5526.0, 5468.0, 5309.0, 5493.0, 5564.0, 5515.0, 5592.0, 5531.0, 5368.0, 5617.0, 5652.0, 5488.0, 5692.0, 5575.0, 5328.0, 5275.0, 5655.0, 5408.0, 5372.0, 5500.0, 5398.0, 5323.0 (number of hits: 20)
22	5530	9	1	333	1	5523.0, 5426.0, 5304.0, 5600.0, 5280.0, 5448.0, 5512.0, 5541.0, 5335.0, 5659.0, 5599.0, 5264.0, 5527.0, 5536.0, 5389.0, 5517.0, 5360.0, 5503.0, 5298.0, 5544.0, 5405.0, 5440.0, 5311.0, 5494.0, 5513.0, 5532.0, 5580.0, 5293.0, 5482.0, 5424.0, 5491.0, 5255.0, 5534.0, 5570.0, 5480.0, 5466.0, 5505.0, 5703.0, 5351.0, 5390.0, 5286.0, 5593.0, 5699.0, 5560.0, 5295.0, 5550.0, 5266.0, 5350.0, 5678.0, 5524.0, 5292.0, 5308.0, 5354.0, 5604.0, 5409.0, 5679.0, 5683.0, 5369.0, 5686.0, 5578.0, 5597.0, 5355.0, 5722.0, 5501.0, 5605.0, 5388.0, 5474.0, 5612.0, 5270.0, 5643.0, 5455.0, 5677.0, 5349.0, 5655.0, 5566.0, 5329.0, 5383.0, 5301.0, 5717.0, 5613.0, 5514.0, 5515.0, 5638.0, 5261.0, 5509.0, 5278.0, 5386.0, 5263.0, 5562.0, 5538.0, 5436.0, 5658.0, 5620.0, 5577.0, 5368.0, 5439.0, 5267.0, 5633.0, 5420.0, 5486.0 (number of hits: 23)
23	5530	9	1	333	1	5345.0, 5481.0, 5590.0, 5480.0, 5600.0, 5395.0, 5437.0, 5482.0, 5682.0, 5544.0, 5534.0, 5512.0, 5371.0, 5466.0, 5280.0, 5269.0, 5669.0, 5707.0, 5255.0, 5434.0, 5535.0, 5468.0, 5560.0, 5292.0, 5706.0, 5570.0, 5433.0, 5347.0, 5453.0, 5592.0, 5424.0, 5293.0, 5633.0, 5384.0, 5286.0, 5517.0, 5619.0, 5310.0, 5401.0, 5435.0, 5601.0, 5342.0, 5664.0, 5604.0, 5716.0, 5457.0, 5335.0, 5700.0, 5650.0, 5317.0, 5502.0, 5594.0, 5365.0, 5556.0, 5553.0, 5585.0, 5611.0, 5484.0, 5352.0, 5341.0,

						5702.0, 5328.0, 5334.0, 5599.0, 5655.0, 5353.0, 5677.0, 5505.0, 5409.0, 5338.0, 5429.0, 5577.0, 5358.0, 5260.0, 5427.0, 5349.0, 5613.0, 5251.0, 5318.0, 5387.0, 5307.0, 5464.0, 5356.0, 5568.0, 5258.0, 5522.0, 5532.0, 5313.0, 5302.0, 5609.0, 5684.0, 5547.0, 5422.0, 5562.0, 5506.0, 5652.0, 5475.0, 5388.0, 5496.0, 5638.0 (number of hits: 16)
24	5530	9	1	333	1	5257.0, 5571.0, 5579.0, 5479.0, 5445.0, 5365.0, 5653.0, 5646.0, 5443.0, 5691.0, 5641.0, 5444.0, 5504.0, 5712.0, 5288.0, 5448.0, 5323.0, 5697.0, 5634.0, 5251.0, 5472.0, 5630.0, 5317.0, 5297.0, 5273.0, 5379.0, 5373.0, 5720.0, 5668.0, 5264.0, 5652.0, 5315.0, 5667.0, 5399.0, 5616.0, 5709.0, 5387.0, 5486.0, 5320.0, 5582.0, 5537.0, 5494.0, 5477.0, 5589.0, 5351.0, 5611.0, 5401.0, 5711.0, 5516.0, 5271.0, 5509.0, 5559.0, 5581.0, 5678.0, 5655.0, 5682.0, 5492.0, 5656.0, 5275.0, 5367.0, 5716.0, 5341.0, 5530.0, 5343.0, 5426.0, 5485.0, 5612.0, 5566.0, 5350.0, 5412.0, 5549.0, 5311.0, 5650.0, 5280.0, 5501.0, 5364.0, 5718.0, 5543.0, 5366.0, 5613.0, 5393.0, 5556.0, 5699.0, 5575.0, 5419.0, 5409.0, 5475.0, 5337.0, 5388.0, 5620.0, 5473.0, 5262.0, 5588.0, 5290.0, 5708.0, 5637.0, 5522.0, 5292.0, 5677.0, 5327.0 (number of hits: 14)
25	5530	9	1	333	1	5351.0, 5454.0, 5632.0, 5494.0, 5511.0, 5279.0, 5291.0, 5505.0, 5332.0, 5502.0, 5438.0, 5606.0, 5347.0, 5467.0, 5331.0, 5540.0, 5657.0, 5675.0, 5389.0, 5464.0, 5612.0, 5420.0, 5585.0, 5647.0, 5527.0, 5631.0, 5455.0, 5579.0, 5670.0, 5354.0, 5495.0, 5519.0, 5624.0, 5553.0, 5698.0, 5297.0, 5535.0, 5711.0, 5550.0, 5439.0, 5644.0, 5668.0, 5344.0, 5625.0, 5470.0, 5679.0, 5559.0, 5429.0, 5308.0, 5722.0, 5664.0, 5592.0, 5682.0, 5306.0, 5287.0, 5662.0, 5558.0, 5489.0, 5706.0, 5563.0, 5441.0, 5713.0, 5357.0, 5487.0, 5531.0, 5623.0, 5408.0, 5715.0, 5468.0, 5411.0, 5705.0, 5597.0, 5516.0, 5338.0, 5442.0, 5525.0, 5370.0, 5654.0, 5671.0, 5317.0, 5500.0, 5666.0, 5603.0, 5590.0, 5649.0, 5615.0, 5302.0, 5643.0, 5685.0, 5293.0, 5419.0, 5416.0, 5561.0, 5645.0, 5252.0, 5598.0, 5639.0, 5610.0, 5286.0, 5365.0 (number of hits: 19)
26	5530	9	1	333	1	5462.0, 5450.0, 5339.0, 5490.0, 5458.0, 5545.0, 5408.0, 5631.0, 5580.0, 5304.0, 5657.0, 5691.0, 5442.0, 5589.0, 5257.0, 5548.0, 5422.0, 5624.0, 5303.0, 5470.0, 5695.0, 5415.0, 5328.0, 5481.0, 5279.0, 5606.0, 5572.0, 5542.0, 5550.0, 5278.0, 5420.0, 5520.0, 5424.0, 5388.0, 5449.0, 5639.0, 5622.0, 5300.0, 5391.0, 5346.0, 5518.0, 5607.0, 5692.0, 5623.0, 5546.0,

						5354.0, 5594.0, 5489.0, 5438.0, 5433.0, 5510.0, 5557.0, 5381.0, 5425.0, 5702.0, 5534.0, 5456.0, 5447.0, 5423.0, 5331.0, 5684.0, 5688.0, 5308.0, 5296.0, 5575.0, 5367.0, 5574.0, 5295.0, 5318.0, 5530.0, 5637.0, 5271.0, 5310.0, 5595.0, 5421.0, 5287.0, 5633.0, 5677.0, 5363.0, 5317.0, 5452.0, 5674.0, 5427.0, 5593.0, 5563.0, 5621.0, 5406.0, 5302.0, 5284.0, 5368.0, 5493.0, 5399.0, 5362.0, 5253.0, 5608.0, 5261.0, 5604.0, 5573.0, 5492.0, 5288.0 (number of hits: 14)
27	5530	9	1	333	1	5485.0, 5407.0, 5416.0, 5539.0, 5720.0, 5445.0, 5573.0, 5603.0, 5701.0, 5266.0, 5520.0, 5656.0, 5497.0, 5601.0, 5304.0, 5389.0, 5579.0, 5470.0, 5306.0, 5451.0, 5551.0, 5552.0, 5349.0, 5644.0, 5689.0, 5532.0, 5429.0, 5560.0, 5674.0, 5688.0, 5405.0, 5446.0, 5323.0, 5509.0, 5657.0, 5333.0, 5501.0, 5371.0, 5496.0, 5325.0, 5702.0, 5683.0, 5320.0, 5404.0, 5686.0, 5346.0, 5448.0, 5312.0, 5518.0, 5556.0, 5634.0, 5251.0, 5253.0, 5649.0, 5543.0, 5565.0, 5457.0, 5417.0, 5334.0, 5359.0, 5449.0, 5610.0, 5299.0, 5715.0, 5671.0, 5353.0, 5502.0, 5623.0, 5714.0, 5597.0, 5612.0, 5372.0, 5324.0, 5662.0, 5308.0, 5569.0, 5534.0, 5430.0, 5327.0, 5690.0, 5582.0, 5261.0, 5594.0, 5694.0, 5309.0, 5439.0, 5341.0, 5463.0, 5293.0, 5665.0, 5703.0, 5536.0, 5272.0, 5394.0, 5414.0, 5547.0, 5584.0, 5586.0, 5679.0, 5500.0 (number of hits: 19)
28	5530	9	1	333	1	5443.0, 5499.0, 5439.0, 5528.0, 5722.0, 5469.0, 5571.0, 5291.0, 5356.0, 5659.0, 5386.0, 5651.0, 5487.0, 5674.0, 5490.0, 5307.0, 5359.0, 5501.0, 5394.0, 5380.0, 5285.0, 5605.0, 5312.0, 5584.0, 5508.0, 5378.0, 5641.0, 5428.0, 5465.0, 5566.0, 5486.0, 5672.0, 5484.0, 5473.0, 5511.0, 5326.0, 5701.0, 5717.0, 5682.0, 5426.0, 5495.0, 5294.0, 5591.0, 5310.0, 5387.0, 5320.0, 5680.0, 5637.0, 5645.0, 5705.0, 5255.0, 5518.0, 5411.0, 5548.0, 5713.0, 5335.0, 5453.0, 5319.0, 5479.0, 5539.0, 5461.0, 5579.0, 5492.0, 5338.0, 5555.0, 5583.0, 5477.0, 5270.0, 5643.0, 5619.0, 5656.0, 5610.0, 5602.0, 5611.0, 5580.0, 5462.0, 5313.0, 5417.0, 5258.0, 5581.0, 5534.0, 5563.0, 5553.0, 5547.0, 5657.0, 5524.0, 5589.0, 5652.0, 5301.0, 5593.0, 5653.0, 5715.0, 5340.0, 5538.0, 5272.0, 5609.0, 5704.0, 5596.0, 5308.0, 5273.0 (number of hits: 18)
29	5530	9	1	333	1	5601.0, 5275.0, 5256.0, 5408.0, 5476.0, 5679.0, 5326.0, 5462.0, 5361.0, 5706.0, 5389.0, 5623.0, 5538.0, 5690.0, 5532.0, 5417.0, 5450.0, 5504.0, 5633.0, 5269.0, 5720.0, 5599.0, 5307.0, 5681.0, 5292.0, 5634.0, 5498.0, 5552.0, 5631.0, 5278.0,

						5676.0, 5313.0, 5457.0, 5365.0, 5610.0, 5554.0, 5295.0, 5534.0, 5572.0, 5551.0, 5522.0, 5281.0, 5469.0, 5321.0, 5688.0, 5442.0, 5656.0, 5696.0, 5358.0, 5687.0, 5692.0, 5678.0, 5377.0, 5288.0, 5516.0, 5541.0, 5453.0, 5309.0, 5525.0, 5540.0, 5433.0, 5425.0, 5578.0, 5510.0, 5414.0, 5590.0, 5607.0, 5658.0, 5411.0, 5647.0, 5707.0, 5604.0, 5637.0, 5528.0, 5496.0, 5448.0, 5537.0, 5319.0, 5311.0, 5293.0, 5488.0, 5486.0, 5337.0, 5429.0, 5354.0, 5670.0, 5340.0, 5698.0, 5577.0, 5387.0, 5614.0, 5348.0, 5392.0, 5503.0, 5644.0, 5648.0, 5699.0, 5492.0, 5573.0, 5427.0 (number of hits: 19)
30	5530	9	1	333	1	5590.0, 5666.0, 5648.0, 5290.0, 5475.0, 5487.0, 5457.0, 5420.0, 5340.0, 5405.0, 5267.0, 5662.0, 5255.0, 5718.0, 5483.0, 5323.0, 5264.0, 5628.0, 5408.0, 5529.0, 5328.0, 5482.0, 5552.0, 5581.0, 5448.0, 5558.0, 5560.0, 5559.0, 5418.0, 5392.0, 5513.0, 5378.0, 5380.0, 5311.0, 5273.0, 5447.0, 5607.0, 5443.0, 5390.0, 5649.0, 5467.0, 5369.0, 5348.0, 5652.0, 5511.0, 5385.0, 5710.0, 5584.0, 5677.0, 5588.0, 5563.0, 5722.0, 5670.0, 5611.0, 5527.0, 5286.0, 5382.0, 5449.0, 5556.0, 5694.0, 5667.0, 5681.0, 5338.0, 5265.0, 5709.0, 5624.0, 5495.0, 5634.0, 5553.0, 5268.0, 5557.0, 5502.0, 5690.0, 5473.0, 5658.0, 5606.0, 5388.0, 5605.0, 5312.0, 5437.0, 5655.0, 5712.0, 5288.0, 5549.0, 5433.0, 5622.0, 5439.0, 5589.0, 5396.0, 5642.0, 5656.0, 5707.0, 5485.0, 5456.0, 5515.0, 5720.0, 5451.0, 5357.0, 5367.0, 5657.0 (number of hits: 16)

5570 MHz, 160 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	66.7 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	86.7 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	83	1	638	1
2	5492	68	1	778	1
3	5492	70	1	758	1
4	5492	63	1	838	1
5	5492	62	1	858	1
6	5570	95	1	558	1
7	5570	102	1	518	1
8	5570	92	1	578	1
9	5570	59	1	898	1
10	5570	74	1	718	1
11	5648	67	1	798	1
12	5648	76	1	698	1
13	5648	57	1	938	1
14	5648	18	1	3066	1
15	5648	65	1	818	1
16	5492	35	1	1518	1
17	5492	19	1	2800	1
18	5492	39	1	1376	1
19	5492	70	1	754	1
20	5492	37	1	1457	1
21	5570	78	1	679	1
22	5570	34	1	1564	1
23	5570	22	1	2449	1
24	5570	68	1	784	1
25	5570	24	1	2226	1
26	5648	26	1	2063	1
27	5648	90	1	589	1
28	5648	32	1	1660	1
29	5648	25	1	2176	1
30	5648	65	1	814	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	27	2.8	185	1
2	5492	28	1.9	185	0
3	5492	28	2.7	190	0
4	5492	24	3.7	194	1
5	5492	26	2.5	205	0
6	5492	25	1.1	197	1
7	5492	27	1	165	0
8	5492	28	2.2	204	0
9	5492	23	3.1	163	1
10	5492	29	2.2	199	0
11	5570	26	2.3	174	1
12	5570	24	3	218	1
13	5570	28	5	160	1
14	5570	25	1	211	1
15	5570	24	4.5	192	1
16	5570	25	1.5	151	1
17	5570	27	1.5	188	1
18	5570	25	1	162	1
19	5570	27	1.9	164	1
20	5570	26	1.9	199	1
21	5648	25	5	219	1
22	5648	26	4.4	151	1
23	5648	27	3.4	190	0
24	5648	28	3	205	1
25	5648	27	3.7	200	1
26	5648	23	3	162	0
27	5648	28	5	196	1
28	5648	25	2.9	198	0
29	5648	29	4.2	175	1
30	5648	23	1.3	210	0
Detection Percentage: 66.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	18	6.9	343	1
2	5492	16	8.9	279	1
3	5492	18	9	378	1
4	5492	18	8.6	281	0
5	5492	17	6.8	410	0
6	5492	18	8.3	218	0
7	5492	17	8.6	454	1
8	5492	17	6.6	453	1
9	5492	16	6.3	316	1
10	5492	17	8.1	319	1
11	5570	16	7.5	249	1
12	5570	17	7.3	205	1
13	5570	18	6.8	387	1
14	5570	18	7.8	431	1
15	5570	17	7	384	1
16	5570	16	9	450	1
17	5570	18	9	329	1
18	5570	17	10	350	1
19	5570	18	6.1	255	1
20	5570	17	8.3	479	1
21	5648	16	7.9	480	1
22	5648	17	6.2	290	1
23	5648	18	9	232	0
24	5648	16	10	240	1
25	5648	18	6.6	285	1
26	5648	18	9.4	355	1
27	5648	17	10	303	1
28	5648	18	7.1	396	1
29	5648	17	8.1	225	1
30	5648	18	7.7	349	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	14	15.9	377	1
2	5492	14	11.9	227	1
3	5492	13	17.2	361	1
4	5492	15	16.3	303	1
5	5492	14	16.7	276	1
6	5492	12	13.2	484	1
7	5492	15	12.7	377	1
8	5492	13	19.2	239	1
9	5492	16	15.5	484	1
10	5492	16	18.2	310	1
11	5570	12	18.5	320	1
12	5570	12	17.7	300	1
13	5570	12	17.1	436	1
14	5570	13	17.7	256	1
15	5570	13	15.6	303	0
16	5570	13	19.3	211	1
17	5570	13	11.2	449	1
18	5570	15	11.5	301	1
19	5570	16	16.9	351	1
20	5570	12	19.7	444	0
21	5648	15	19.2	278	1
22	5648	15	11.9	402	1
23	5648	16	19	397	1
24	5648	12	13.5	341	1
25	5648	15	16.3	298	1
26	5648	16	11.1	235	1
27	5648	15	13.1	437	1
28	5648	15	15.8	372	1
29	5648	13	14.2	361	1
30	5648	15	19.1	341	1
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5570	1
2	5570	1
3	5570	1
4	5570	1
5	5570	1
6	5570	1
7	5570	1
8	5570	1
9	5570	1
10	5570	1
11	5496.4	1
12	5497.6	1
13	5498.4	1
14	5497.2	1
15	5498.4	1
16	5496.8	1
17	5500.0	1
18	5497.6	1
19	5494.4	1
20	5498.4	1
21	5642.4	1
22	5641.2	1
23	5642.8	1
24	5642.8	1
25	5642.4	1
26	5644.0	1
27	5641.2	1
28	5646.0	1
29	5641.2	1
30	5643.6	1
Detection Percentage: 100% (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	51.1	1413		1.273759	1
1	1	7	59.6			1.659037	
2	2	7	66.2	1029		2.746243	
3	3	7	67.4	1979	1977	4.509799	
4	2	7	91.5	1777		5.815409	
5	2	7	93.6	1091		7.613751	
6	2	7	52	1966		8.641703	
7	2	7	98	1109		10.257066	
8	3	7	85.3	1262	1051	10.76612	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	73.3			1.370599	1
1	3	5	98.1	1985	1202	2.864241	
2	2	5	66.3	1817		4.219892	
3	3	5	55.5	1646	1105	5.253042	
4	3	5	94.5	1320	1146	6.404491	
5	3	5	93	1860	1136	8.99124	
6	1	5	95.5			9.413668	
7	3	5	75.6	1909	1641	10.632255	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	86.2			0.181843	1
1	2	15	84.1	1576		1.514715	
2	2	15	58.3	1817		2.088937	
3	1	15	78.7			3.175534	
4	2	15	73.5	1822		3.341685	
5	2	15	83.6	1972		4.336162	
6	1	15	89.3			5.078547	
7	1	15	65.4			5.951309	
8	1	15	61.3			7.15615	
9	2	15	80.2	1155		7.233568	
10	2	15	98.4	1082		8.209024	
11	2	15	77.3	1594		9.470898	
12	1	15	50.9			9.71298	
13	2	15	95.1	1715		10.754259	
14	1	15	58.8			11.828501	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	83	1310		1.039996	1
1	2	14	57.8	1126		1.927603	
2	2	14	56.3	1533		3.321917	
3	3	14	91.4	1112	1186	4.537923	
4	2	14	75.8	1224		5.376605	
5	1	14	74.3			7.18145	
6	1	14	85.9			7.209833	
7	3	14	62.9	1474	1159	8.536384	
8	2	14	61.5	1936		9.846667	
9	3	14	61.4	1381	1495	11.458386	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	68.3			0.50419	1
1	1	13	86.2			0.688641	
2	2	13	95.2	1340		1.481173	
3	3	13	78.8	1011	1353	2.468577	
4	1	13	73.8			3.078858	
5	1	13	92.2			3.570129	
6	1	13	76.1			4.472443	
7	3	13	53.9	1887	1363	4.771442	
8	2	13	86	1245		5.351756	
9	1	13	84.4			6.121191	
10	2	13	81.7	1374		6.689468	
11	1	13	86.9			7.420904	
12	1	13	84.2			8.549876	
13	1	13	83.9			8.807784	
14	2	13	87.5	1873		9.669642	
15	2	13	55.2	1067		10.334616	
16	2	13	56.8	1806		11.260207	
17	2	13	56.4	1763		11.823105	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	94.6			0.530306	
1	1	16	64			1.000911	
2	2	16	81.1	1088		1.524713	
3	1	16	50.1			2.471232	
4	1	16	87.6			3.236723	
5	3	16	79.7	1902	1548	4.179537	
6	3	16	60.5	1808	1046	4.734984	
7	1	16	89.9			5.485025	
8	1	16	83.2			5.881559	1
9	3	16	83.5	1016	1439	6.616876	
10	3	16	77.9	1638	1911	7.561125	
11	1	16	77.2			8.294916	
12	2	16	99.2	1151		8.786345	
13	3	16	53	1750	1562	9.501397	
14	3	16	98	1430	1921	10.337564	
15	1	16	50.4			10.769234	
16	2	16	84.3	1989		11.72972	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	98.8			0.648308	
1	2	13	80.7	1155		1.443275	
2	2	13	66	1328		1.530508	
3	1	13	80.2			2.307556	
4	2	13	53.6	1100		3.71228	
5	2	13	94.4	1296		4.177381	
6	2	13	55.9	1098		4.724514	
7	1	13	81.2			5.714591	
8	3	13	96.4	1966	1266	6.279154	1
9	3	13	77.7	1329	1150	7.244146	
10	2	13	61.3	1653		8.018416	
11	3	13	62.7	1974	1475	8.731649	
12	2	13	93.8	1438		9.016816	
13	1	13	67.8			10.092148	
14	2	13	82.6	1965		10.597735	
15	1	13	69.7			11.340025	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	80.1	1005		0.253063	1
1	1	11	96.5			1.055317	
2	3	11	81.9	1413	1068	2.191581	
3	3	11	87.3	1876	1980	2.918472	
4	3	11	95	1409	1714	3.258955	
5	2	11	63.1	1629		4.168481	
6	2	11	97.6	1346		5.144309	
7	2	11	88.2	1623		5.753368	
8	1	11	70.7			6.472001	
9	1	11	88.1			7.345621	
10	2	11	93.2	1650		7.593439	
11	2	11	57	1948		8.298124	
12	2	11	64.8	1878		9.4806	
13	2	11	51.7	1091		10.003229	
14	2	11	98.9	1879		10.592435	
15	2	11	95.3	1875		11.614992	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	50.4	1026	1058	0.017706	1
1	3	13	57.6	1362	1400	0.755431	
2	3	13	61.2	1007	1545	1.526956	
3	2	13	81.3	1064		2.634154	
4	1	13	60.7			3.746147	
5	3	13	84	1392	1540	4.400551	
6	2	13	80.6	1139		4.518299	
7	3	13	70.2	1890	1969	5.752632	
8	2	13	70.8	1127		6.08556	
9	1	13	68.2			6.792995	
10	1	13	59.3			8.168727	
11	3	13	91.5	1250	1128	8.988183	
12	2	13	56.1	1989		9.62657	
13	2	13	81.9	1109		10.350414	
14	1	13	74.6			11.142459	
15	2	13	69.1	1569		11.566371	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	64.6	1186		0.123788	1
1	3	8	80.9	1939	1388	0.997785	
2	2	8	78.5	1083		2.026143	
3	2	8	71.2	1866		2.933387	
4	3	8	56.6	1327	1021	3.229999	
5	1	8	50.9			4.434687	
6	1	8	76.7			4.932564	
7	2	8	99.1	1199		5.902781	
8	2	8	79.5	1748		6.52625	
9	3	8	74.9	1343	1049	6.961964	
10	2	8	62.1	1656		8.068673	
11	2	8	89.2	1983		8.908136	
12	2	8	67.1	1803		9.55297	
13	2	8	98	1618		10.104331	
14	1	8	95.6			11.162108	
15	1	8	59.5			11.304351	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	91.6	1176		0.431984	1
1	3	11	83.3	1224	1461	1.410329	
2	3	11	74.1	1748	1615	2.115056	
3	2	11	52.2	1502		3.586108	
4	3	11	98.7	1881	1779	4.263294	
5	3	11	95.3	1075	1063	5.451487	
6	2	11	50.6	1683		6.102591	
7	3	11	89.1	1357	1202	6.764445	
8	1	11	81.9			7.877626	
9	3	11	76.3	1549	1785	9.215742	
10	1	11	64.1			9.559584	
11	2	11	58.7	1213		10.896445	
12	2	11	64.8	1423		11.187877	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	90.2	1154		0.560105	
1	1	14	98.9			1.092601	
2	3	14	73.5	1677	1262	2.242127	
3	3	14	59	1337	1679	2.978779	
4	2	14	59.2	1699		3.967094	
5	3	14	72.5	1200	1201	4.154873	
6	1	14	94.4			5.118805	
7	3	14	79.9	1542	1182	5.707332	1
8	3	14	94.7	1608	1456	6.793703	
9	3	14	90.4	1529	1607	7.96907	
10	1	14	61.3			8.717975	
11	2	14	63	1675		9.500422	
12	2	14	54.4	1929		9.85936	
13	3	14	60.5	1099	1821	10.58898	
14	2	14	68.5	1038		11.379965	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	56.8			0.649712	
1	2	16	81.8	1782		1.244368	
2	1	16	58.5			1.622421	
3	1	16	68.1			2.141502	
4	1	16	83.7			3.080652	
5	2	16	62.8	1396		3.736338	
6	2	16	79.9	1785		4.929745	
7	2	16	65.9	1565		5.479548	
8	3	16	76.3	1336	1248	6.114178	1
9	3	16	98.2	1309	1425	6.524204	
10	2	16	94.6	1629		7.351198	
11	2	16	64.3	1820		7.881479	
12	2	16	61.9	1265		8.5607	
13	2	16	96.5	1524		9.201918	
14	3	16	62.8	1206	1904	9.98517	
15	3	16	59.5	1455	1453	10.937211	
16	2	16	62.3	1338		11.517241	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	90.9	1388		0.667976	
1	3	13	67.2	1007	1183	1.206193	
2	2	13	90.5	1399		1.415629	
3	2	13	79.3	1220		2.274906	
4	3	13	84.4	1898	1132	3.007481	
5	3	13	57.9	1198	1879	3.662782	
6	1	13	80.4			4.666515	
7	2	13	64	1874		5.386197	
8	1	13	77.9			5.916936	1
9	2	13	83	1771		6.584402	
10	2	13	79.8	1769		7.728315	
11	2	13	61	1065		7.96225	
12	2	13	92.7	1235		8.943151	
13	2	13	97.6	1216		9.487874	
14	1	13	54.7			9.934053	
15	2	13	57.8	1882		11.106197	
16	2	13	83.7	1315		11.488963	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	74	1024	1823	0.845407	
1	2	6	70.8	1388		0.863655	
2	3	6	71.2	1172	1796	1.806232	
3	2	6	95.4	1078		3.395584	
4	2	6	66.6	1712		3.906342	
5	1	6	75.4			4.325283	
6	2	6	79.6	1689		5.454051	1
7	2	6	81.8	1167		6.697896	
8	2	6	79.4	1869		6.912329	
9	2	6	88.3	1372		8.336534	
10	3	6	50.1	1895	1852	8.857065	
11	2	6	82.7	1852		10.202533	
12	1	6	94.7			10.546065	
13	3	6	61.6	1917	1737	11.215788	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	82.5	1028	1856	0.772735	1
1	1	12	81.9			1.024272	
2	1	12	87.6			2.56434	
3	3	12	77.9	1785	1360	3.467855	
4	1	12	66.5			4.531909	
5	2	12	98	1098		5.367614	
6	2	12	55.8	1078		5.967042	
7	2	12	62.4	1745		7.008642	
8	2	12	73.1	1512		7.445368	
9	2	12	89.2	1935		8.88366	
10	2	12	60.9	1387		9.287951	
11	1	12	56.9			10.368634	
12	1	12	96.7			11.533532	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	83.7	1438		0.167841	1
1	2	20	71.7	1389		1.204018	
2	2	20	67.8	1132		1.883939	
3	1	20	57			3.037176	
4	1	20	68.9			4.021352	
5	2	20	95	1384		4.395725	
6	2	20	77.2	1640		5.753471	
7	2	20	75.4	1413		6.205982	
8	2	20	64.2	1819		7.253961	
9	2	20	95.3	1414		8.547444	
10	3	20	66.1	1129	1815	8.975985	
11	3	20	66.9	1536	1651	9.733204	
12	1	20	53.6			10.717348	
13	3	20	61	1709	1122	11.264431	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	73			0.438539	1
1	2	14	78.3	1896		1.843698	
2	2	14	86.8	1321		3.522541	
3	2	14	54.3	1350		4.069252	
4	3	14	53.6	1625	1790	5.415963	
5	2	14	63.6	1803		6.61697	
6	2	14	78.3	1201		7.374498	
7	1	14	51.2			8.445369	
8	2	14	69.3	1372		10.711495	
9	2	14	84.8	1385		10.883786	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	70.2	1395		0.414348	1
1	2	6	61.7	1523		1.060584	
2	1	6	90.4			1.796401	
3	3	6	80.8	1590	1020	2.058032	
4	2	6	99.1	1895		3.088406	
5	2	6	50.2	1046		3.670416	
6	2	6	66.4	1341		4.085993	
7	2	6	76.1	1187		4.939798	
8	3	6	89.5	1049	1120	5.319624	
9	2	6	84.2	1878		6.010708	
10	2	6	55.9	1380		6.41555	
11	1	6	84.6			7.273801	
12	2	6	87.7	1351		8.040154	
13	1	6	75.3			8.526742	
14	3	6	73.5	1347	1106	8.949101	
15	2	6	70.2	1228		9.853311	
16	3	6	62.4	1992	1036	10.632262	
17	3	6	86.9	1056	1967	11.348637	
18	2	6	77.5	1859		11.533313	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	89.8	1595	1263	0.105496	1
1	1	16	97.6			1.483188	
2	3	16	82.1	1538	1012	2.137499	
3	1	16	86			2.579847	
4	1	16	80.1			3.663701	
5	1	16	76			4.782681	
6	3	16	83.2	1271	1570	5.256864	
7	2	16	89.7	1374		6.188782	
8	1	16	73.8			7.049419	
9	3	16	60	1916	1086	7.997915	
10	2	16	83.7	1218		9.052428	
11	2	16	84.5	1243		9.823144	
12	3	16	84	1287	1001	10.750786	
13	1	16	62.2			11.467992	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	61.7	1970		0.420832	1
1	3	14	67.4	1562	1285	0.668595	
2	2	14	90	1171		1.456391	
3	1	14	57			2.227229	
4	1	14	96.9			3.021233	
5	2	14	52.5	1696		3.511216	
6	3	14	62.3	1551	1984	4.20284	
7	1	14	99			4.661918	
8	3	14	98.3	1299	1694	5.360995	
9	1	14	66.6			5.967975	
10	1	14	99.9			6.415239	
11	3	14	53	1366	1271	6.963497	
12	2	14	68.8	1486		8.116528	
13	2	14	60.4	1689		8.696441	
14	2	14	51.8	1774		8.990982	
15	2	14	54.2	1947		9.624344	
16	2	14	93.8	1300		10.655053	
17	1	14	97.1			10.875331	
18	2	14	54.6	1215		11.639271	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	78.5	1226		0.169686	1
1	2	17	66.2	1679		1.866605	
2	1	17	72.9			2.839718	
3	3	17	63.8	1152	1968	3.040514	
4	3	17	68.3	1871	1359	4.814713	
5	2	17	62	1953		5.91153	
6	1	17	77			6.748484	
7	1	17	72.5			7.491991	
8	3	17	88.4	1991	1435	8.229992	
9	2	17	69.2	1443		9.721767	
10	2	17	91.8	1447		10.126181	
11	3	17	92.6	1781	1823	11.538637	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	100			0.490052	1
1	1	13	88.4			2.280304	
2	2	13	99.2	1522		3.310641	
3	1	13	61.5			3.703651	
4	2	13	71.9	1843		5.73616	
5	2	13	71.4	1140		6.46631	
6	1	13	80.4			7.958463	
7	1	13	79			8.874759	
8	2	13	87.7	1757		10.552823	
9	2	13	95	1032		11.473855	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	56.2			0.039628	1
1	2	13	99.2	1436		0.923894	
2	3	13	59.8	1811	1285	1.618322	
3	3	13	58.7	1572	1104	2.019803	
4	2	13	71.1	1578		2.849763	
5	3	13	76.8	1286	1617	3.247703	
6	2	13	79.4	1641		3.85764	
7	3	13	81	1298	1015	4.434819	
8	3	13	71.6	1702	1065	4.913778	
9	1	13	72.2			5.500463	
10	1	13	62.9			6.021975	
11	1	13	52.6			6.914996	
12	1	13	97.1			7.732037	
13	2	13	81.6	1522		8.022559	
14	2	13	92.4	1552		8.910058	
15	2	13	62.3	1824		9.104753	
16	3	13	72.2	1465	1042	10.01237	
17	2	13	93	1222		10.46143	
18	2	13	51.4	1934		10.836846	
19	1	13	76.3			11.567679	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	66	1911		0.246438	
1	3	14	50	1465	1622	1.259709	
2	2	14	68.1	1974		1.653004	
3	2	14	51.8	1683		2.920092	
4	3	14	94.6	1531	1180	3.637081	
5	1	14	83.7			4.650437	
6	2	14	97.9	1060		5.48102	
7	2	14	66.7	1144		5.771354	1
8	3	14	78.7	1920	1989	6.862263	
9	2	14	68.5	1404		7.898232	
10	1	14	90.7			8.451576	
11	3	14	74.3	1966	1279	9.062465	
12	3	14	62	1819	1552	10.22868	
13	3	14	58.2	1350	1066	11.156766	
14	2	14	54.8	1348		11.869426	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	94.7			0.615841	
1	3	10	86.6	1010	1653	1.215317	
2	1	10	70.4			1.702295	
3	3	10	70.9	1951	1688	2.814844	
4	1	10	59.7			3.516388	
5	3	10	62.4	1415	1875	4.019869	
6	3	10	86.2	1582	1089	4.91236	
7	2	10	50.5	1789		5.109331	
8	3	10	90	1832	1954	6.036577	1
9	3	10	80.5	1832	1977	6.95265	
10	1	10	79.4			7.12773	
11	2	10	90.8	1980		7.827637	
12	2	10	64.9	1933		9.136477	
13	1	10	76.6			9.371052	
14	2	10	69.5	1133		10.086722	
15	2	10	54.2	1785		10.869806	
16	1	10	57.6			11.46507	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	87.8	1245		0.142831	1
1	3	17	73.5	1526	1424	0.794918	
2	2	17	54.3	1119		1.722843	
3	2	17	92.1	1271		2.442896	
4	2	17	72.4	1520		2.901865	
5	2	17	88.8	1136		3.796279	
6	1	17	59.8			4.158325	
7	3	17	100	1317	1467	5.310736	
8	2	17	84.5	1600		5.68102	
9	2	17	79	1707		6.494344	
10	1	17	90.3			6.889014	
11	2	17	92.2	1348		7.601215	
12	2	17	60.1	1805		8.502002	
13	2	17	58.4	1063		8.779997	
14	2	17	79.4	1583		9.651534	
15	2	17	90.2	1971		10.56331	
16	1	17	80.5			10.94529	
17	1	17	74.4			11.627436	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	88.7	1268	1079	0.520578	1
1	3	5	93.5	1919	1192	1.731471	
2	3	5	67.1	1998	1434	2.405372	
3	1	5	87.9			2.810895	
4	3	5	70	1423	1099	4.265879	
5	3	5	54	1234	1225	5.202086	
6	1	5	73.5			6.171883	
7	3	5	64	1333	1414	6.84775	
8	2	5	93.1	1726		8.040072	
9	2	5	99.2	1773		9.112694	
10	2	5	71.5	1130		9.515687	
11	1	5	80.6			10.673116	
12	3	5	84.9	1732	1580	11.822571	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	83.6	1084	1110	0.520812	1
1	2	17	58.5	1778		0.818949	
2	1	17	73.5			1.212008	
3	2	17	61.1	1955		1.881738	
4	3	17	73.4	1661	1573	2.434516	
5	3	17	80	1944	1334	3.451047	
6	2	17	65.3	1479		3.687718	
7	3	17	66.2	1319	1052	4.329367	
8	2	17	92	1041		5.1091	
9	3	17	99.8	1679	1657	5.807198	
10	3	17	72.9	1940	1784	6.232488	
11	2	17	83.5	1327		7.151052	
12	2	17	63.3	1599		7.661522	
13	3	17	61.8	1970	1837	8.133	
14	3	17	91.6	1929	1628	8.413423	
15	1	17	65.7			9.093533	
16	1	17	89.6			9.964264	
17	3	17	68.6	1269	1431	10.44302	
18	2	17	74.5	1291		11.309852	
19	1	17	73			11.931414	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	85.5	1538		0.934927	1
1	3	11	75.5	1819	1725	2.041314	
2	1	11	83.9			2.699989	
3	3	11	61.4	1063	1710	3.704598	
4	2	11	94.8	1311		5.135521	
5	2	11	60.4	1098		6.378076	
6	3	11	83.1	1929	1182	7.347814	
7	3	11	95.7	1551	1812	7.766449	
8	3	11	63.8	1637	1302	9.330849	
9	2	11	84.5	1195		10.069753	
10	2	11	91.1	1931		11.69385	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5570	9	1	333	1	5673.0, 5311.0, 5409.0, 5437.0, 5513.0, 5346.0, 5251.0, 5486.0, 5431.0, 5559.0, 5596.0, 5453.0, 5313.0, 5602.0, 5494.0, 5713.0, 5583.0, 5375.0, 5707.0, 5619.0, 5391.0, 5287.0, 5712.0, 5706.0, 5662.0, 5315.0, 5560.0, 5519.0, 5271.0, 5425.0, 5326.0, 5656.0, 5365.0, 5545.0, 5555.0, 5499.0, 5480.0, 5504.0, 5542.0, 5603.0, 5541.0, 5307.0, 5382.0, 5492.0, 5325.0, 5485.0, 5581.0, 5422.0, 5368.0, 5534.0, 5352.0, 5404.0, 5631.0, 5429.0, 5675.0, 5362.0, 5407.0, 5445.0, 5335.0, 5576.0, 5376.0, 5698.0, 5573.0, 5292.0, 5318.0, 5538.0, 5681.0, 5527.0, 5688.0, 5301.0, 5477.0, 5330.0, 5592.0, 5294.0, 5285.0, 5463.0, 5528.0, 5628.0, 5653.0, 5705.0, 5336.0, 5360.0, 5254.0, 5399.0, 5334.0, 5546.0, 5299.0, 5350.0, 5366.0, 5558.0, 5699.0, 5298.0, 5427.0, 5637.0, 5273.0, 5660.0, 5393.0, 5587.0, 5665.0, 5474.0 (number of hits: 31)
2	5570	9	1	333	1	5522.0, 5712.0, 5554.0, 5254.0, 5662.0, 5309.0, 5655.0, 5704.0, 5607.0, 5287.0, 5304.0, 5395.0, 5342.0, 5628.0, 5668.0, 5524.0, 5537.0, 5616.0, 5351.0, 5431.0, 5584.0, 5571.0, 5400.0, 5423.0, 5476.0, 5532.0, 5383.0, 5367.0, 5567.0, 5396.0, 5262.0, 5282.0, 5569.0, 5500.0, 5638.0, 5558.0, 5394.0, 5326.0, 5707.0, 5397.0, 5438.0, 5436.0, 5362.0, 5724.0, 5447.0, 5711.0, 5286.0, 5312.0, 5672.0, 5393.0, 5376.0, 5539.0, 5538.0, 5440.0, 5562.0, 5702.0, 5457.0, 5714.0, 5719.0, 5692.0, 5604.0, 5587.0, 5528.0, 5635.0, 5566.0, 5706.0, 5664.0, 5519.0, 5273.0, 5545.0, 5361.0, 5429.0, 5385.0, 5504.0, 5314.0, 5709.0, 5570.0, 5514.0, 5561.0, 5701.0, 5605.0, 5276.0, 5555.0, 5369.0, 5589.0, 5482.0, 5708.0, 5481.0, 5626.0, 5592.0, 5445.0, 5606.0, 5260.0, 5615.0, 5690.0, 5618.0, 5667.0, 5272.0, 5470.0, 5575.0 (number of hits: 38)
3	5570	9	1	333	1	5285.0, 5721.0, 5426.0, 5406.0, 5386.0, 5337.0, 5570.0, 5518.0, 5431.0, 5494.0, 5519.0, 5618.0, 5391.0, 5397.0, 5269.0, 5522.0, 5339.0, 5257.0, 5355.0, 5649.0, 5538.0, 5318.0, 5273.0, 5656.0, 5265.0, 5574.0, 5511.0, 5299.0, 5365.0, 5528.0, 5590.0, 5623.0, 5716.0, 5254.0, 5597.0, 5544.0, 5607.0, 5515.0, 5684.0, 5329.0, 5309.0, 5374.0, 5308.0, 5392.0, 5383.0, 5645.0, 5583.0, 5535.0, 5669.0, 5323.0, 5514.0, 5350.0, 5703.0, 5388.0, 5389.0, 5609.0, 5472.0, 5256.0, 5630.0, 5412.0,

						5469.0, 5559.0, 5436.0, 5647.0, 5616.0, 5452.0, 5672.0, 5294.0, 5614.0, 5292.0, 5606.0, 5401.0, 5711.0, 5437.0, 5594.0, 5359.0, 5713.0, 5563.0, 5668.0, 5627.0, 5264.0, 5283.0, 5407.0, 5458.0, 5336.0, 5631.0, 5255.0, 5316.0, 5446.0, 5487.0, 5629.0, 5411.0, 5560.0, 5379.0, 5527.0, 5595.0, 5635.0, 5349.0, 5394.0, 5542.0 (number of hits: 37)
4	5570	9	1	333	1	5267.0, 5306.0, 5487.0, 5253.0, 5719.0, 5539.0, 5556.0, 5714.0, 5540.0, 5409.0, 5675.0, 5565.0, 5507.0, 5656.0, 5456.0, 5326.0, 5321.0, 5555.0, 5271.0, 5500.0, 5352.0, 5398.0, 5534.0, 5484.0, 5444.0, 5592.0, 5284.0, 5492.0, 5359.0, 5571.0, 5278.0, 5327.0, 5620.0, 5518.0, 5510.0, 5268.0, 5370.0, 5404.0, 5291.0, 5435.0, 5313.0, 5617.0, 5447.0, 5661.0, 5616.0, 5439.0, 5381.0, 5715.0, 5699.0, 5396.0, 5569.0, 5704.0, 5305.0, 5632.0, 5320.0, 5625.0, 5680.0, 5344.0, 5262.0, 5269.0, 5520.0, 5523.0, 5309.0, 5382.0, 5438.0, 5471.0, 5512.0, 5469.0, 5527.0, 5334.0, 5693.0, 5603.0, 5706.0, 5579.0, 5460.0, 5701.0, 5641.0, 5304.0, 5283.0, 5375.0, 5311.0, 5582.0, 5637.0, 5413.0, 5618.0, 5724.0, 5307.0, 5697.0, 5461.0, 5662.0, 5296.0, 5399.0, 5557.0, 5310.0, 5443.0, 5449.0, 5521.0, 5635.0, 5414.0, 5566.0 (number of hits: 33)
5	5570	9	1	333	1	5713.0, 5334.0, 5701.0, 5710.0, 5524.0, 5262.0, 5428.0, 5437.0, 5338.0, 5256.0, 5550.0, 5318.0, 5694.0, 5370.0, 5444.0, 5481.0, 5574.0, 5640.0, 5312.0, 5456.0, 5667.0, 5685.0, 5391.0, 5520.0, 5408.0, 5468.0, 5569.0, 5424.0, 5336.0, 5380.0, 5628.0, 5282.0, 5457.0, 5601.0, 5486.0, 5447.0, 5499.0, 5491.0, 5392.0, 5620.0, 5645.0, 5646.0, 5698.0, 5588.0, 5369.0, 5532.0, 5420.0, 5504.0, 5453.0, 5260.0, 5602.0, 5287.0, 5661.0, 5414.0, 5389.0, 5269.0, 5665.0, 5466.0, 5497.0, 5339.0, 5580.0, 5711.0, 5623.0, 5666.0, 5363.0, 5467.0, 5599.0, 5372.0, 5328.0, 5513.0, 5553.0, 5500.0, 5642.0, 5603.0, 5271.0, 5559.0, 5422.0, 5659.0, 5596.0, 5624.0, 5378.0, 5723.0, 5501.0, 5565.0, 5637.0, 5526.0, 5463.0, 5471.0, 5632.0, 5403.0, 5252.0, 5583.0, 5531.0, 5435.0, 5353.0, 5275.0, 5702.0, 5564.0, 5655.0, 5345.0 (number of hits: 36)
6	5570	9	1	333	1	5562.0, 5508.0, 5295.0, 5697.0, 5588.0, 5411.0, 5465.0, 5515.0, 5526.0, 5642.0, 5710.0, 5695.0, 5705.0, 5722.0, 5312.0, 5494.0, 5340.0, 5338.0, 5572.0, 5663.0, 5523.0, 5657.0, 5302.0, 5659.0, 5558.0, 5551.0, 5457.0, 5564.0, 5431.0, 5276.0, 5419.0, 5329.0, 5294.0, 5626.0, 5291.0, 5269.0, 5662.0, 5694.0, 5591.0, 5433.0, 5469.0, 5412.0, 5630.0, 5322.0, 5637.0,

						5473.0, 5580.0, 5277.0, 5678.0, 5620.0, 5492.0, 5664.0, 5404.0, 5714.0, 5506.0, 5656.0, 5265.0, 5548.0, 5262.0, 5615.0, 5481.0, 5668.0, 5675.0, 5514.0, 5531.0, 5418.0, 5534.0, 5301.0, 5661.0, 5603.0, 5270.0, 5330.0, 5397.0, 5392.0, 5374.0, 5507.0, 5696.0, 5320.0, 5422.0, 5274.0, 5535.0, 5380.0, 5698.0, 5500.0, 5378.0, 5554.0, 5339.0, 5625.0, 5627.0, 5681.0, 5421.0, 5631.0, 5519.0, 5336.0, 5381.0, 5609.0, 5253.0, 5325.0, 5280.0, 5311.0 (number of hits: 35)
7	5570	9	1	333	1	5652.0, 5420.0, 5511.0, 5263.0, 5291.0, 5648.0, 5336.0, 5583.0, 5707.0, 5298.0, 5447.0, 5677.0, 5623.0, 5380.0, 5675.0, 5345.0, 5712.0, 5306.0, 5389.0, 5293.0, 5427.0, 5656.0, 5702.0, 5505.0, 5628.0, 5408.0, 5403.0, 5549.0, 5314.0, 5423.0, 5629.0, 5498.0, 5605.0, 5493.0, 5281.0, 5488.0, 5310.0, 5434.0, 5634.0, 5324.0, 5715.0, 5554.0, 5651.0, 5550.0, 5638.0, 5643.0, 5347.0, 5415.0, 5272.0, 5303.0, 5394.0, 5437.0, 5660.0, 5268.0, 5333.0, 5316.0, 5364.0, 5421.0, 5598.0, 5579.0, 5485.0, 5278.0, 5463.0, 5367.0, 5714.0, 5555.0, 5653.0, 5501.0, 5719.0, 5469.0, 5704.0, 5620.0, 5587.0, 5366.0, 5570.0, 5378.0, 5621.0, 5297.0, 5259.0, 5703.0, 5595.0, 5718.0, 5528.0, 5711.0, 5559.0, 5600.0, 5328.0, 5627.0, 5459.0, 5343.0, 5258.0, 5668.0, 5585.0, 5695.0, 5566.0, 5260.0, 5681.0, 5591.0, 5384.0, 5476.0 (number of hits: 31)
8	5570	9	1	333	1	5283.0, 5492.0, 5560.0, 5509.0, 5290.0, 5700.0, 5463.0, 5659.0, 5596.0, 5565.0, 5564.0, 5268.0, 5424.0, 5650.0, 5447.0, 5406.0, 5672.0, 5364.0, 5343.0, 5491.0, 5371.0, 5703.0, 5422.0, 5689.0, 5497.0, 5317.0, 5655.0, 5395.0, 5691.0, 5338.0, 5450.0, 5617.0, 5398.0, 5579.0, 5578.0, 5421.0, 5609.0, 5385.0, 5483.0, 5367.0, 5542.0, 5474.0, 5353.0, 5654.0, 5312.0, 5418.0, 5373.0, 5572.0, 5439.0, 5496.0, 5665.0, 5651.0, 5603.0, 5288.0, 5266.0, 5662.0, 5438.0, 5408.0, 5414.0, 5534.0, 5267.0, 5713.0, 5589.0, 5304.0, 5299.0, 5393.0, 5444.0, 5512.0, 5614.0, 5459.0, 5680.0, 5318.0, 5552.0, 5388.0, 5632.0, 5475.0, 5259.0, 5358.0, 5468.0, 5415.0, 5434.0, 5582.0, 5427.0, 5504.0, 5538.0, 5619.0, 5409.0, 5482.0, 5419.0, 5674.0, 5328.0, 5571.0, 5613.0, 5693.0, 5537.0, 5590.0, 5690.0, 5717.0, 5709.0, 5641.0 (number of hits: 30)
9	5570	9	1	333	1	5270.0, 5281.0, 5518.0, 5254.0, 5695.0, 5569.0, 5477.0, 5315.0, 5387.0, 5323.0, 5296.0, 5705.0, 5349.0, 5545.0, 5381.0, 5289.0, 5469.0, 5621.0, 5589.0, 5305.0, 5573.0, 5619.0, 5635.0, 5721.0, 5484.0, 5500.0, 5421.0, 5694.0, 5479.0, 5612.0,

						5386.0, 5402.0, 5677.0, 5700.0, 5437.0, 5598.0, 5339.0, 5379.0, 5340.0, 5304.0, 5571.0, 5406.0, 5548.0, 5642.0, 5306.0, 5568.0, 5253.0, 5336.0, 5460.0, 5338.0, 5366.0, 5668.0, 5514.0, 5473.0, 5556.0, 5300.0, 5299.0, 5483.0, 5279.0, 5436.0, 5397.0, 5559.0, 5522.0, 5680.0, 5707.0, 5687.0, 5291.0, 5262.0, 5372.0, 5682.0, 5580.0, 5403.0, 5369.0, 5456.0, 5415.0, 5449.0, 5629.0, 5447.0, 5506.0, 5701.0, 5429.0, 5657.0, 5673.0, 5426.0, 5499.0, 5260.0, 5699.0, 5526.0, 5440.0, 5603.0, 5390.0, 5345.0, 5284.0, 5558.0, 5442.0, 5692.0, 5666.0, 5446.0, 5313.0, 5645.0 (number of hits: 27)
10	5570	9	1	333	1	5603.0, 5301.0, 5394.0, 5543.0, 5401.0, 5624.0, 5429.0, 5251.0, 5680.0, 5353.0, 5420.0, 5425.0, 5635.0, 5610.0, 5693.0, 5711.0, 5447.0, 5278.0, 5589.0, 5718.0, 5691.0, 5398.0, 5465.0, 5564.0, 5421.0, 5715.0, 5501.0, 5563.0, 5544.0, 5613.0, 5319.0, 5550.0, 5412.0, 5514.0, 5410.0, 5663.0, 5520.0, 5467.0, 5359.0, 5306.0, 5257.0, 5293.0, 5415.0, 5479.0, 5630.0, 5321.0, 5275.0, 5446.0, 5720.0, 5417.0, 5439.0, 5463.0, 5710.0, 5595.0, 5335.0, 5504.0, 5445.0, 5654.0, 5492.0, 5318.0, 5668.0, 5340.0, 5655.0, 5462.0, 5352.0, 5299.0, 5526.0, 5347.0, 5566.0, 5336.0, 5326.0, 5724.0, 5542.0, 5580.0, 5659.0, 5477.0, 5402.0, 5466.0, 5649.0, 5295.0, 5591.0, 5532.0, 5706.0, 5298.0, 5440.0, 5432.0, 5411.0, 5304.0, 5634.0, 5647.0, 5596.0, 5427.0, 5508.0, 5541.0, 5512.0, 5406.0, 5664.0, 5621.0, 5697.0, 5368.0 (number of hits: 31)
11	5570	9	1	333	1	5702.0, 5328.0, 5374.0, 5297.0, 5686.0, 5691.0, 5263.0, 5631.0, 5483.0, 5486.0, 5493.0, 5310.0, 5290.0, 5598.0, 5440.0, 5720.0, 5468.0, 5418.0, 5600.0, 5579.0, 5601.0, 5434.0, 5373.0, 5460.0, 5427.0, 5272.0, 5465.0, 5624.0, 5404.0, 5421.0, 5536.0, 5429.0, 5417.0, 5308.0, 5690.0, 5470.0, 5321.0, 5509.0, 5299.0, 5652.0, 5342.0, 5273.0, 5487.0, 5564.0, 5256.0, 5570.0, 5471.0, 5354.0, 5383.0, 5475.0, 5362.0, 5378.0, 5703.0, 5437.0, 5438.0, 5656.0, 5622.0, 5298.0, 5254.0, 5626.0, 5399.0, 5653.0, 5635.0, 5505.0, 5411.0, 5453.0, 5367.0, 5613.0, 5318.0, 5623.0, 5466.0, 5670.0, 5648.0, 5262.0, 5477.0, 5524.0, 5322.0, 5346.0, 5562.0, 5292.0, 5444.0, 5420.0, 5385.0, 5617.0, 5651.0, 5316.0, 5428.0, 5271.0, 5644.0, 5669.0, 5507.0, 5609.0, 5451.0, 5334.0, 5488.0, 5517.0, 5326.0, 5542.0, 5704.0, 5501.0 (number of hits: 26)
12	5570	9	1	333	1	5711.0, 5463.0, 5653.0, 5425.0, 5431.0, 5693.0, 5458.0, 5415.0, 5408.0, 5461.0, 5364.0, 5357.0, 5619.0, 5403.0, 5446.0,

						5680.0, 5288.0, 5587.0, 5321.0, 5401.0, 5495.0, 5673.0, 5433.0, 5448.0, 5648.0, 5264.0, 5655.0, 5428.0, 5579.0, 5412.0, 5350.0, 5639.0, 5480.0, 5576.0, 5498.0, 5679.0, 5645.0, 5289.0, 5562.0, 5365.0, 5651.0, 5666.0, 5530.0, 5447.0, 5685.0, 5520.0, 5389.0, 5285.0, 5522.0, 5445.0, 5561.0, 5260.0, 5386.0, 5341.0, 5440.0, 5591.0, 5661.0, 5537.0, 5284.0, 5547.0, 5476.0, 5381.0, 5282.0, 5455.0, 5349.0, 5337.0, 5267.0, 5607.0, 5597.0, 5586.0, 5314.0, 5421.0, 5593.0, 5577.0, 5502.0, 5375.0, 5294.0, 5538.0, 5507.0, 5545.0, 5570.0, 5689.0, 5558.0, 5453.0, 5373.0, 5305.0, 5275.0, 5705.0, 5578.0, 5370.0, 5450.0, 5342.0, 5467.0, 5677.0, 5329.0, 5694.0, 5304.0, 5457.0, 5330.0, 5352.0 (number of hits: 28)
13	5570	9	1	333	1	5425.0, 5374.0, 5302.0, 5334.0, 5305.0, 5558.0, 5426.0, 5631.0, 5502.0, 5626.0, 5486.0, 5476.0, 5260.0, 5320.0, 5630.0, 5470.0, 5583.0, 5517.0, 5306.0, 5482.0, 5710.0, 5530.0, 5412.0, 5267.0, 5672.0, 5359.0, 5379.0, 5609.0, 5565.0, 5555.0, 5568.0, 5498.0, 5420.0, 5429.0, 5613.0, 5566.0, 5722.0, 5532.0, 5453.0, 5563.0, 5590.0, 5579.0, 5471.0, 5275.0, 5370.0, 5673.0, 5477.0, 5445.0, 5413.0, 5523.0, 5685.0, 5465.0, 5439.0, 5606.0, 5389.0, 5622.0, 5265.0, 5600.0, 5708.0, 5432.0, 5352.0, 5706.0, 5604.0, 5681.0, 5709.0, 5503.0, 5371.0, 5489.0, 5663.0, 5434.0, 5292.0, 5384.0, 5666.0, 5362.0, 5628.0, 5469.0, 5485.0, 5299.0, 5423.0, 5629.0, 5511.0, 5361.0, 5474.0, 5448.0, 5405.0, 5598.0, 5276.0, 5528.0, 5333.0, 5313.0, 5659.0, 5390.0, 5581.0, 5271.0, 5639.0, 5411.0, 5451.0, 5462.0, 5418.0, 5641.0 (number of hits: 33)
14	5570	9	1	333	1	5611.0, 5553.0, 5296.0, 5259.0, 5267.0, 5306.0, 5580.0, 5339.0, 5626.0, 5409.0, 5429.0, 5276.0, 5719.0, 5480.0, 5362.0, 5662.0, 5476.0, 5514.0, 5642.0, 5256.0, 5314.0, 5564.0, 5602.0, 5328.0, 5472.0, 5301.0, 5586.0, 5459.0, 5675.0, 5676.0, 5289.0, 5521.0, 5413.0, 5350.0, 5353.0, 5650.0, 5311.0, 5552.0, 5516.0, 5275.0, 5288.0, 5673.0, 5283.0, 5347.0, 5375.0, 5685.0, 5606.0, 5651.0, 5723.0, 5427.0, 5463.0, 5377.0, 5294.0, 5584.0, 5688.0, 5434.0, 5337.0, 5499.0, 5546.0, 5595.0, 5649.0, 5444.0, 5464.0, 5567.0, 5315.0, 5617.0, 5698.0, 5523.0, 5682.0, 5442.0, 5360.0, 5699.0, 5418.0, 5358.0, 5300.0, 5655.0, 5372.0, 5695.0, 5392.0, 5618.0, 5393.0, 5271.0, 5672.0, 5532.0, 5575.0, 5469.0, 5462.0, 5542.0, 5509.0, 5458.0, 5592.0, 5623.0, 5369.0, 5636.0, 5359.0, 5485.0, 5604.0, 5496.0, 5468.0, 5544.0 (number of hits: 31)

15	5570	9	1	333	1	5639.0, 5476.0, 5649.0, 5274.0, 5624.0, 5350.0, 5297.0, 5472.0, 5512.0, 5357.0, 5565.0, 5298.0, 5612.0, 5336.0, 5537.0, 5328.0, 5636.0, 5557.0, 5541.0, 5434.0, 5705.0, 5344.0, 5706.0, 5623.0, 5614.0, 5704.0, 5284.0, 5483.0, 5318.0, 5395.0, 5311.0, 5622.0, 5689.0, 5528.0, 5322.0, 5492.0, 5473.0, 5576.0, 5562.0, 5628.0, 5286.0, 5282.0, 5501.0, 5519.0, 5569.0, 5672.0, 5317.0, 5374.0, 5688.0, 5532.0, 5295.0, 5522.0, 5420.0, 5605.0, 5650.0, 5456.0, 5540.0, 5629.0, 5263.0, 5469.0, 5283.0, 5609.0, 5510.0, 5412.0, 5480.0, 5644.0, 5306.0, 5509.0, 5415.0, 5634.0, 5345.0, 5559.0, 5488.0, 5475.0, 5334.0, 5262.0, 5598.0, 5411.0, 5608.0, 5384.0, 5359.0, 5518.0, 5592.0, 5291.0, 5468.0, 5269.0, 5542.0, 5444.0, 5701.0, 5285.0, 5478.0, 5251.0, 5356.0, 5460.0, 5321.0, 5491.0, 5656.0, 5470.0, 5560.0, 5502.0 (number of hits: 38)
16	5570	9	1	333	1	5659.0, 5402.0, 5450.0, 5660.0, 5434.0, 5614.0, 5502.0, 5500.0, 5460.0, 5382.0, 5327.0, 5603.0, 5652.0, 5704.0, 5688.0, 5522.0, 5305.0, 5506.0, 5675.0, 5482.0, 5371.0, 5712.0, 5568.0, 5256.0, 5471.0, 5676.0, 5344.0, 5527.0, 5393.0, 5584.0, 5681.0, 5715.0, 5440.0, 5398.0, 5366.0, 5252.0, 5612.0, 5630.0, 5259.0, 5384.0, 5489.0, 5622.0, 5710.0, 5519.0, 5680.0, 5436.0, 5387.0, 5529.0, 5332.0, 5333.0, 5269.0, 5533.0, 5708.0, 5257.0, 5459.0, 5420.0, 5553.0, 5395.0, 5722.0, 5575.0, 5261.0, 5264.0, 5557.0, 5446.0, 5632.0, 5611.0, 5544.0, 5338.0, 5499.0, 5469.0, 5363.0, 5605.0, 5379.0, 5650.0, 5588.0, 5325.0, 5441.0, 5689.0, 5564.0, 5554.0, 5299.0, 5380.0, 5435.0, 5279.0, 5422.0, 5540.0, 5543.0, 5530.0, 5421.0, 5458.0, 5457.0, 5697.0, 5391.0, 5353.0, 5706.0, 5658.0, 5400.0, 5520.0, 5560.0, 5273.0 (number of hits: 31)
17	5570	9	1	333	1	5399.0, 5618.0, 5550.0, 5706.0, 5688.0, 5669.0, 5330.0, 5605.0, 5562.0, 5270.0, 5390.0, 5501.0, 5290.0, 5504.0, 5254.0, 5620.0, 5401.0, 5628.0, 5435.0, 5392.0, 5548.0, 5339.0, 5493.0, 5665.0, 5561.0, 5651.0, 5529.0, 5364.0, 5617.0, 5604.0, 5552.0, 5594.0, 5633.0, 5423.0, 5664.0, 5417.0, 5612.0, 5369.0, 5319.0, 5563.0, 5659.0, 5662.0, 5343.0, 5681.0, 5490.0, 5260.0, 5285.0, 5350.0, 5346.0, 5637.0, 5648.0, 5722.0, 5358.0, 5721.0, 5377.0, 5419.0, 5647.0, 5383.0, 5448.0, 5413.0, 5456.0, 5326.0, 5454.0, 5421.0, 5362.0, 5640.0, 5555.0, 5713.0, 5634.0, 5658.0, 5653.0, 5415.0, 5505.0, 5263.0, 5568.0, 5676.0, 5598.0, 5465.0, 5547.0, 5671.0, 5459.0, 5705.0, 5366.0, 5322.0, 5357.0, 5521.0, 5571.0, 5685.0, 5323.0, 5296.0,

						5536.0, 5686.0, 5716.0, 5264.0, 5374.0, 5700.0, 5516.0, 5652.0, 5670.0, 5534.0 (number of hits: 33)
18	5570	9	1	333	1	5342.0, 5449.0, 5625.0, 5568.0, 5591.0, 5503.0, 5445.0, 5398.0, 5558.0, 5706.0, 5453.0, 5652.0, 5442.0, 5515.0, 5509.0, 5533.0, 5637.0, 5261.0, 5606.0, 5671.0, 5305.0, 5601.0, 5266.0, 5465.0, 5615.0, 5422.0, 5257.0, 5341.0, 5391.0, 5700.0, 5527.0, 5406.0, 5424.0, 5256.0, 5485.0, 5702.0, 5689.0, 5252.0, 5561.0, 5384.0, 5463.0, 5554.0, 5321.0, 5480.0, 5618.0, 5546.0, 5586.0, 5697.0, 5357.0, 5295.0, 5590.0, 5292.0, 5262.0, 5387.0, 5521.0, 5364.0, 5317.0, 5374.0, 5309.0, 5539.0, 5512.0, 5462.0, 5578.0, 5621.0, 5537.0, 5674.0, 5394.0, 5617.0, 5311.0, 5656.0, 5302.0, 5581.0, 5438.0, 5673.0, 5376.0, 5666.0, 5299.0, 5530.0, 5668.0, 5526.0, 5694.0, 5487.0, 5582.0, 5683.0, 5272.0, 5297.0, 5349.0, 5562.0, 5678.0, 5692.0, 5432.0, 5614.0, 5576.0, 5691.0, 5710.0, 5703.0, 5291.0, 5712.0, 5496.0, 5461.0 (number of hits: 34)
19	5570	9	1	333	1	5322.0, 5378.0, 5358.0, 5332.0, 5582.0, 5397.0, 5484.0, 5700.0, 5722.0, 5311.0, 5384.0, 5508.0, 5564.0, 5450.0, 5256.0, 5357.0, 5603.0, 5590.0, 5319.0, 5314.0, 5258.0, 5304.0, 5282.0, 5355.0, 5525.0, 5430.0, 5253.0, 5495.0, 5521.0, 5530.0, 5488.0, 5371.0, 5490.0, 5498.0, 5644.0, 5275.0, 5493.0, 5551.0, 5711.0, 5390.0, 5544.0, 5391.0, 5677.0, 5368.0, 5699.0, 5431.0, 5360.0, 5674.0, 5423.0, 5691.0, 5678.0, 5262.0, 5273.0, 5342.0, 5456.0, 5461.0, 5625.0, 5470.0, 5669.0, 5441.0, 5559.0, 5542.0, 5540.0, 5338.0, 5481.0, 5317.0, 5646.0, 5475.0, 5306.0, 5409.0, 5451.0, 5272.0, 5554.0, 5692.0, 5601.0, 5305.0, 5614.0, 5572.0, 5507.0, 5647.0, 5414.0, 5379.0, 5364.0, 5323.0, 5268.0, 5580.0, 5367.0, 5411.0, 5501.0, 5587.0, 5509.0, 5696.0, 5352.0, 5619.0, 5571.0, 5545.0, 5454.0, 5356.0, 5593.0, 5683.0 (number of hits: 33)
20	5570	9	1	333	1	5323.0, 5647.0, 5639.0, 5304.0, 5603.0, 5648.0, 5339.0, 5653.0, 5309.0, 5611.0, 5593.0, 5571.0, 5331.0, 5299.0, 5638.0, 5625.0, 5518.0, 5263.0, 5281.0, 5361.0, 5287.0, 5596.0, 5445.0, 5379.0, 5386.0, 5549.0, 5483.0, 5670.0, 5400.0, 5573.0, 5266.0, 5318.0, 5354.0, 5515.0, 5656.0, 5438.0, 5307.0, 5435.0, 5602.0, 5557.0, 5255.0, 5471.0, 5398.0, 5514.0, 5689.0, 5655.0, 5352.0, 5497.0, 5504.0, 5606.0, 5575.0, 5567.0, 5713.0, 5327.0, 5710.0, 5265.0, 5288.0, 5267.0, 5377.0, 5394.0, 5650.0, 5382.0, 5433.0, 5359.0, 5693.0, 5257.0, 5580.0, 5481.0, 5716.0, 5691.0, 5526.0, 5478.0, 5704.0, 5601.0, 5562.0,

						5520.0, 5696.0, 5609.0, 5590.0, 5345.0, 5505.0, 5681.0, 5613.0, 5665.0, 5297.0, 5576.0, 5531.0, 5329.0, 5662.0, 5283.0, 5495.0, 5654.0, 5425.0, 5629.0, 5676.0, 5427.0, 5276.0, 5388.0, 5658.0, 5714.0 (number of hits: 34)
21	5570	9	1	333	1	5335.0, 5522.0, 5272.0, 5490.0, 5437.0, 5429.0, 5684.0, 5303.0, 5484.0, 5412.0, 5363.0, 5591.0, 5426.0, 5657.0, 5266.0, 5569.0, 5627.0, 5700.0, 5716.0, 5594.0, 5650.0, 5325.0, 5260.0, 5702.0, 5694.0, 5286.0, 5688.0, 5401.0, 5345.0, 5597.0, 5589.0, 5313.0, 5403.0, 5359.0, 5316.0, 5566.0, 5291.0, 5511.0, 5355.0, 5666.0, 5278.0, 5509.0, 5314.0, 5673.0, 5608.0, 5279.0, 5720.0, 5494.0, 5665.0, 5630.0, 5638.0, 5531.0, 5622.0, 5321.0, 5477.0, 5317.0, 5677.0, 5502.0, 5670.0, 5691.0, 5467.0, 5596.0, 5409.0, 5427.0, 5533.0, 5357.0, 5583.0, 5576.0, 5389.0, 5302.0, 5471.0, 5327.0, 5601.0, 5306.0, 5676.0, 5470.0, 5384.0, 5322.0, 5654.0, 5693.0, 5637.0, 5442.0, 5393.0, 5715.0, 5548.0, 5417.0, 5689.0, 5284.0, 5399.0, 5498.0, 5445.0, 5595.0, 5588.0, 5543.0, 5564.0, 5311.0, 5518.0, 5629.0, 5672.0, 5602.0 (number of hits: 32)
22	5570	9	1	333	1	5438.0, 5631.0, 5482.0, 5672.0, 5583.0, 5266.0, 5575.0, 5309.0, 5553.0, 5632.0, 5297.0, 5529.0, 5509.0, 5468.0, 5329.0, 5408.0, 5461.0, 5541.0, 5645.0, 5700.0, 5659.0, 5486.0, 5428.0, 5550.0, 5421.0, 5332.0, 5460.0, 5506.0, 5439.0, 5512.0, 5533.0, 5319.0, 5378.0, 5463.0, 5566.0, 5437.0, 5313.0, 5481.0, 5289.0, 5382.0, 5682.0, 5436.0, 5711.0, 5560.0, 5523.0, 5389.0, 5613.0, 5686.0, 5655.0, 5466.0, 5531.0, 5411.0, 5312.0, 5305.0, 5705.0, 5399.0, 5693.0, 5704.0, 5699.0, 5369.0, 5307.0, 5331.0, 5321.0, 5260.0, 5364.0, 5431.0, 5471.0, 5585.0, 5390.0, 5718.0, 5257.0, 5381.0, 5419.0, 5644.0, 5660.0, 5692.0, 5664.0, 5598.0, 5712.0, 5567.0, 5689.0, 5505.0, 5476.0, 5462.0, 5417.0, 5367.0, 5475.0, 5504.0, 5394.0, 5487.0, 5701.0, 5445.0, 5442.0, 5652.0, 5293.0, 5680.0, 5657.0, 5401.0, 5384.0, 5449.0 (number of hits: 24)
23	5570	9	1	333	1	5706.0, 5614.0, 5343.0, 5287.0, 5411.0, 5250.0, 5476.0, 5523.0, 5288.0, 5279.0, 5318.0, 5561.0, 5465.0, 5673.0, 5640.0, 5649.0, 5375.0, 5723.0, 5473.0, 5636.0, 5262.0, 5701.0, 5361.0, 5384.0, 5682.0, 5399.0, 5571.0, 5503.0, 5700.0, 5429.0, 5446.0, 5676.0, 5421.0, 5712.0, 5367.0, 5319.0, 5332.0, 5588.0, 5526.0, 5323.0, 5670.0, 5363.0, 5488.0, 5293.0, 5439.0, 5598.0, 5512.0, 5668.0, 5573.0, 5602.0, 5568.0, 5459.0, 5697.0, 5495.0, 5562.0, 5259.0, 5445.0, 5659.0, 5327.0, 5329.0,

						5388.0, 5567.0, 5579.0, 5382.0, 5679.0, 5691.0, 5578.0, 5705.0, 5557.0, 5414.0, 5286.0, 5492.0, 5291.0, 5308.0, 5359.0, 5275.0, 5292.0, 5703.0, 5463.0, 5370.0, 5277.0, 5354.0, 5687.0, 5708.0, 5552.0, 5589.0, 5347.0, 5311.0, 5662.0, 5717.0, 5499.0, 5626.0, 5565.0, 5564.0, 5537.0, 5406.0, 5627.0, 5372.0, 5321.0, 5592.0 (number of hits: 30)
24	5570	9	1	333	1	5301.0, 5267.0, 5526.0, 5609.0, 5323.0, 5320.0, 5646.0, 5295.0, 5303.0, 5283.0, 5577.0, 5480.0, 5490.0, 5387.0, 5585.0, 5392.0, 5423.0, 5718.0, 5388.0, 5550.0, 5377.0, 5583.0, 5547.0, 5477.0, 5373.0, 5275.0, 5697.0, 5496.0, 5375.0, 5409.0, 5442.0, 5254.0, 5635.0, 5535.0, 5705.0, 5532.0, 5440.0, 5616.0, 5591.0, 5486.0, 5696.0, 5469.0, 5571.0, 5412.0, 5395.0, 5256.0, 5318.0, 5579.0, 5542.0, 5492.0, 5612.0, 5296.0, 5544.0, 5352.0, 5471.0, 5266.0, 5285.0, 5284.0, 5701.0, 5271.0, 5280.0, 5688.0, 5599.0, 5339.0, 5499.0, 5680.0, 5567.0, 5434.0, 5489.0, 5427.0, 5261.0, 5662.0, 5569.0, 5601.0, 5673.0, 5525.0, 5416.0, 5483.0, 5639.0, 5449.0, 5368.0, 5268.0, 5650.0, 5472.0, 5340.0, 5704.0, 5566.0, 5354.0, 5722.0, 5291.0, 5403.0, 5286.0, 5684.0, 5522.0, 5509.0, 5304.0, 5658.0, 5648.0, 5669.0, 5451.0 (number of hits: 30)
25	5570	9	1	333	1	5586.0, 5715.0, 5261.0, 5664.0, 5254.0, 5628.0, 5508.0, 5510.0, 5475.0, 5540.0, 5542.0, 5429.0, 5509.0, 5484.0, 5581.0, 5655.0, 5611.0, 5468.0, 5497.0, 5543.0, 5696.0, 5363.0, 5499.0, 5295.0, 5289.0, 5690.0, 5573.0, 5610.0, 5283.0, 5605.0, 5474.0, 5265.0, 5342.0, 5492.0, 5718.0, 5491.0, 5517.0, 5699.0, 5623.0, 5714.0, 5453.0, 5634.0, 5625.0, 5326.0, 5367.0, 5684.0, 5513.0, 5683.0, 5447.0, 5425.0, 5344.0, 5445.0, 5472.0, 5478.0, 5263.0, 5442.0, 5314.0, 5413.0, 5282.0, 5287.0, 5682.0, 5572.0, 5694.0, 5449.0, 5673.0, 5252.0, 5562.0, 5359.0, 5570.0, 5441.0, 5569.0, 5502.0, 5632.0, 5579.0, 5332.0, 5500.0, 5591.0, 5467.0, 5470.0, 5583.0, 5555.0, 5402.0, 5444.0, 5654.0, 5373.0, 5315.0, 5390.0, 5674.0, 5399.0, 5536.0, 5537.0, 5262.0, 5557.0, 5697.0, 5658.0, 5609.0, 5523.0, 5330.0, 5272.0, 5549.0 (number of hits: 38)
26	5570	9	1	333	1	5695.0, 5265.0, 5499.0, 5437.0, 5548.0, 5720.0, 5688.0, 5547.0, 5477.0, 5519.0, 5448.0, 5580.0, 5468.0, 5673.0, 5543.0, 5438.0, 5284.0, 5308.0, 5570.0, 5413.0, 5664.0, 5598.0, 5372.0, 5426.0, 5555.0, 5475.0, 5330.0, 5331.0, 5635.0, 5552.0, 5539.0, 5657.0, 5642.0, 5394.0, 5295.0, 5636.0, 5445.0, 5578.0, 5715.0, 5349.0, 5670.0, 5442.0, 5495.0, 5353.0, 5591.0,

						5342.0, 5443.0, 5568.0, 5683.0, 5516.0, 5451.0, 5345.0, 5513.0, 5430.0, 5335.0, 5640.0, 5506.0, 5273.0, 5362.0, 5414.0, 5364.0, 5479.0, 5292.0, 5674.0, 5665.0, 5279.0, 5512.0, 5655.0, 5390.0, 5344.0, 5466.0, 5687.0, 5618.0, 5577.0, 5441.0, 5306.0, 5620.0, 5332.0, 5319.0, 5714.0, 5528.0, 5454.0, 5436.0, 5641.0, 5544.0, 5444.0, 5371.0, 5586.0, 5421.0, 5274.0, 5385.0, 5452.0, 5501.0, 5619.0, 5314.0, 5699.0, 5324.0, 5676.0, 5285.0, 5545.0 (number of hits: 33)
27	5570	9	1	333	1	5567.0, 5597.0, 5478.0, 5389.0, 5413.0, 5279.0, 5666.0, 5547.0, 5386.0, 5675.0, 5467.0, 5397.0, 5268.0, 5432.0, 5543.0, 5331.0, 5403.0, 5264.0, 5486.0, 5303.0, 5603.0, 5374.0, 5568.0, 5709.0, 5644.0, 5261.0, 5503.0, 5492.0, 5463.0, 5499.0, 5642.0, 5286.0, 5404.0, 5523.0, 5710.0, 5300.0, 5590.0, 5384.0, 5559.0, 5548.0, 5692.0, 5558.0, 5587.0, 5715.0, 5601.0, 5468.0, 5614.0, 5609.0, 5355.0, 5348.0, 5617.0, 5285.0, 5385.0, 5681.0, 5686.0, 5566.0, 5516.0, 5622.0, 5310.0, 5697.0, 5373.0, 5436.0, 5533.0, 5316.0, 5629.0, 5450.0, 5570.0, 5258.0, 5658.0, 5555.0, 5296.0, 5388.0, 5671.0, 5449.0, 5441.0, 5574.0, 5290.0, 5270.0, 5526.0, 5445.0, 5391.0, 5508.0, 5496.0, 5564.0, 5494.0, 5716.0, 5632.0, 5367.0, 5357.0, 5400.0, 5552.0, 5490.0, 5345.0, 5721.0, 5624.0, 5576.0, 5598.0, 5546.0, 5699.0, 5480.0 (number of hits: 40)
28	5570	9	1	333	1	5547.0, 5331.0, 5526.0, 5643.0, 5374.0, 5355.0, 5485.0, 5617.0, 5597.0, 5607.0, 5558.0, 5341.0, 5412.0, 5567.0, 5502.0, 5489.0, 5308.0, 5391.0, 5262.0, 5361.0, 5542.0, 5474.0, 5461.0, 5422.0, 5342.0, 5590.0, 5716.0, 5679.0, 5454.0, 5697.0, 5477.0, 5525.0, 5636.0, 5481.0, 5654.0, 5531.0, 5320.0, 5708.0, 5506.0, 5609.0, 5334.0, 5252.0, 5295.0, 5537.0, 5518.0, 5666.0, 5445.0, 5632.0, 5680.0, 5347.0, 5327.0, 5671.0, 5544.0, 5467.0, 5371.0, 5645.0, 5463.0, 5500.0, 5448.0, 5512.0, 5316.0, 5633.0, 5405.0, 5587.0, 5484.0, 5340.0, 5672.0, 5686.0, 5396.0, 5623.0, 5348.0, 5552.0, 5323.0, 5492.0, 5431.0, 5284.0, 5619.0, 5356.0, 5705.0, 5553.0, 5439.0, 5701.0, 5395.0, 5466.0, 5570.0, 5442.0, 5497.0, 5535.0, 5427.0, 5527.0, 5260.0, 5574.0, 5593.0, 5346.0, 5479.0, 5704.0, 5344.0, 5638.0, 5682.0, 5265.0 (number of hits: 37)
29	5570	9	1	333	1	5556.0, 5476.0, 5435.0, 5478.0, 5639.0, 5712.0, 5439.0, 5261.0, 5515.0, 5540.0, 5467.0, 5602.0, 5715.0, 5562.0, 5660.0, 5563.0, 5346.0, 5334.0, 5719.0, 5432.0, 5429.0, 5393.0, 5673.0, 5436.0, 5558.0, 5402.0, 5613.0, 5272.0, 5661.0, 5517.0,

						5690.0, 5374.0, 5693.0, 5674.0, 5309.0, 5557.0, 5315.0, 5294.0, 5477.0, 5466.0, 5259.0, 5313.0, 5409.0, 5379.0, 5285.0, 5406.0, 5494.0, 5561.0, 5255.0, 5292.0, 5487.0, 5689.0, 5412.0, 5319.0, 5670.0, 5279.0, 5445.0, 5283.0, 5576.0, 5588.0, 5583.0, 5620.0, 5548.0, 5692.0, 5364.0, 5579.0, 5387.0, 5546.0, 5512.0, 5257.0, 5688.0, 5347.0, 5388.0, 5521.0, 5607.0, 5397.0, 5622.0, 5630.0, 5626.0, 5527.0, 5314.0, 5545.0, 5444.0, 5382.0, 5648.0, 5282.0, 5585.0, 5544.0, 5297.0, 5375.0, 5524.0, 5592.0, 5480.0, 5448.0, 5475.0, 5495.0, 5462.0, 5709.0, 5489.0, 5493.0 (number of hits: 34)
30	5570	9	1	333	1	5317.0, 5354.0, 5328.0, 5349.0, 5657.0, 5286.0, 5570.0, 5715.0, 5362.0, 5548.0, 5526.0, 5662.0, 5670.0, 5595.0, 5276.0, 5440.0, 5564.0, 5579.0, 5345.0, 5524.0, 5429.0, 5466.0, 5352.0, 5711.0, 5416.0, 5475.0, 5507.0, 5417.0, 5515.0, 5631.0, 5341.0, 5319.0, 5556.0, 5674.0, 5273.0, 5583.0, 5567.0, 5405.0, 5271.0, 5377.0, 5385.0, 5699.0, 5253.0, 5399.0, 5522.0, 5298.0, 5611.0, 5359.0, 5618.0, 5393.0, 5443.0, 5533.0, 5437.0, 5577.0, 5355.0, 5456.0, 5268.0, 5423.0, 5450.0, 5496.0, 5693.0, 5369.0, 5672.0, 5441.0, 5709.0, 5653.0, 5604.0, 5274.0, 5635.0, 5529.0, 5436.0, 5259.0, 5348.0, 5586.0, 5478.0, 5630.0, 5458.0, 5387.0, 5622.0, 5414.0, 5431.0, 5615.0, 5314.0, 5645.0, 5263.0, 5323.0, 5492.0, 5439.0, 5494.0, 5322.0, 5692.0, 5609.0, 5427.0, 5381.0, 5603.0, 5307.0, 5720.0, 5422.0, 5267.0, 5534.0 (number of hits: 32)

5 GHz XOR Radio +5 GHz AUX

5260 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	76.7 %	60%	Pass
Type 3	30	93.3 %	60%	Pass
Type 4	30	70 %	60%	Pass
Aggregate (Type1 to 4)	120	85 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	59	1	898	1
2	5251	99	1	538	1
3	5251	58	1	918	1
4	5251	92	1	578	1
5	5251	89	1	598	1
6	5260	102	1	518	1
7	5260	63	1	838	1
8	5260	78	1	678	1
9	5260	81	1	658	1
10	5260	62	1	858	1
11	5269	76	1	698	1
12	5269	72	1	738	1
13	5269	70	1	758	1
14	5269	65	1	818	1
15	5269	68	1	778	1
16	5251	36	1	1501	1
17	5251	93	1	572	1
18	5251	21	1	2573	1
19	5251	23	1	2368	1
20	5251	21	1	2550	1
21	5260	18	1	3044	1
22	5260	26	1	2062	1
23	5260	51	1	1045	1
24	5260	48	1	1119	1
25	5260	99	1	534	1
26	5269	18	1	2985	1
27	5269	63	1	842	1
28	5269	58	1	919	1
29	5269	23	1	2333	1
30	5269	25	1	2134	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	27	4.5	201	1
2	5251	28	4.5	227	1
3	5251	27	4.5	195	1
4	5251	23	3.2	169	1
5	5251	23	4.9	175	1
6	5251	23	4.5	169	1
7	5251	28	4.1	150	1
8	5251	29	1.4	154	1
9	5251	26	2.3	180	1
10	5251	24	1.4	200	0
11	5260	23	4.3	162	1
12	5260	29	1.8	191	0
13	5260	28	4	162	0
14	5260	28	2.7	156	1
15	5260	25	4.3	165	0
16	5260	27	4	203	1
17	5260	24	1.3	156	1
18	5260	25	1.9	224	0
19	5260	25	2	217	1
20	5260	26	2.1	178	1
21	5269	24	2.6	160	1
22	5269	26	1.8	211	1
23	5269	24	3.8	187	0
24	5269	25	3.1	205	1
25	5269	27	3.3	155	1
26	5269	29	2.2	173	0
27	5269	29	2.1	213	1
28	5269	23	2.2	179	1
29	5269	25	4	201	1
30	5269	26	1	163	1
Detection Percentage: 76.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	18	9.4	215	1
2	5251	18	6.8	458	1
3	5251	17	9.7	291	1
4	5251	16	9.3	355	1
5	5251	17	6.8	237	0
6	5251	18	9.6	333	1
7	5251	18	9.8	393	1
8	5251	18	6.2	231	1
9	5251	17	7.5	208	1
10	5251	16	6.3	250	1
11	5260	17	6.1	483	1
12	5260	17	7.6	416	1
13	5260	16	8.1	316	1
14	5260	18	7.8	208	1
15	5260	17	9.8	288	1
16	5260	16	9	357	1
17	5260	16	6.3	262	1
18	5260	18	9.8	261	1
19	5260	16	9.1	343	1
20	5260	17	6.9	451	1
21	5269	18	6.6	401	1
22	5269	18	8.3	367	1
23	5269	16	9.6	286	1
24	5269	18	8.1	221	0
25	5269	18	9.8	272	1
26	5269	17	7.2	305	1
27	5269	17	9.7	416	1
28	5269	16	7.8	464	1
29	5269	18	8.9	284	1
30	5269	17	8	461	1
Detection Percentage: 93.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251	14	11.3	289	1
2	5251	16	18.3	394	1
3	5251	13	13.2	469	0
4	5251	15	14.7	402	1
5	5251	15	16.6	293	1
6	5251	12	12.9	248	1
7	5251	13	16.4	245	0
8	5251	15	15.5	233	1
9	5251	15	18.8	391	1
10	5251	13	15.4	229	1
11	5260	13	11.5	214	1
12	5260	12	11.8	499	0
13	5260	15	19.1	310	1
14	5260	14	12.6	397	0
15	5260	13	11	297	0
16	5260	16	13.2	212	1
17	5260	13	11.8	439	1
18	5260	15	20	438	1
19	5260	14	13.5	264	1
20	5260	13	13.6	384	1
21	5269	16	17.8	463	1
22	5269	13	19.5	459	1
23	5269	12	19.9	272	1
24	5269	12	14.7	333	0
25	5269	15	18	288	0
26	5269	12	19.8	265	1
27	5269	15	19.2	280	0
28	5269	14	18.6	312	1
29	5269	16	15.9	478	0
30	5269	13	18.9	244	1
Detection Percentage: 70 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5260	1
2	5260	1
3	5260	1
4	5260	1
5	5260	1
6	5260	1
7	5260	1
8	5260	1
9	5260	1
10	5260	1
11	5257.8	1
12	5257.4	1
13	5254.6	1
14	5253.8	1
15	5255.4	1
16	5255.4	1
17	5253.0	1
18	5255.4	1
19	5257.8	1
20	5256.2	1
21	5265.4	1
22	5264.6	1
23	5266.2	1
24	5262.2	1
25	5265.4	1
26	5265.8	1
27	5267.0	1
28	5265.0	1
29	5265.8	1
30	5267.0	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	96.3	1739		0.364255	1
1	2	17	51.7	1337		1.630055	
2	2	17	89.9	1197		2.076498	
3	1	17	78.7			3.042433	
4	2	17	70.2	1981		3.901432	
5	2	17	87.7	1382		5.036209	
6	1	17	95.7			5.68995	
7	1	17	53			6.546894	
8	2	17	90.5	1583		7.020107	
9	2	17	96.8	1929		8.167561	
10	2	17	92.4	1344		8.903765	
11	3	17	62.4	1852	1684	9.673449	
12	2	17	80.1	1327		10.615962	
13	2	17	92.5	1206		11.216383	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	66.2	1649		0.132939	1
1	1	16	57.3			0.893164	
2	2	16	88.1	1320		1.578176	
3	1	16	91.9			1.905748	
4	2	16	91.7	1698		2.618908	
5	3	16	82.6	1354	1813	3.444049	
6	3	16	96.2	1994	1774	4.031709	
7	2	16	57.6	1139		5.015331	
8	3	16	92.8	1625	1144	5.233837	
9	2	16	86.7	1401		6.012768	
10	2	16	93.8	1725		6.608556	
11	3	16	76.1	1626	1316	7.513665	
12	2	16	63.8	1879		7.822974	
13	2	16	60.1	1722		8.707385	
14	3	16	74.8	1037	1969	9.305472	
15	3	16	91	1031	1828	10.041361	
16	2	16	66.9	1698		10.50439	
17	2	16	97.6	1150		11.227402	
18	3	16	99.9	1743	1874	11.777471	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	74.7	1554		0.679236	
1	2	9	53.3	1594		1.965938	
2	3	9	52.9	1033	1636	3.053915	
3	3	9	85.5	1297	1180	3.855789	
4	1	9	89.6			4.566165	
5	3	9	60.4	1399	1981	6.173297	1
6	1	9	71.5			7.197446	
7	2	9	88.9	1184		8.384944	
8	1	9	66.4			9.660172	
9	1	9	95.2			10.506465	
10	2	9	96.5	1759		11.499137	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	50.9	1798		0.463424	
1	2	7	98.3	1790		1.099898	
2	1	7	57.8			1.472566	
3	2	7	74.5	1932		2.531564	
4	2	7	63.3	1132		3.117024	
5	3	7	77.2	1313	1428	3.731875	
6	3	7	74.1	1152	1745	4.213105	
7	3	7	55.3	1214	1773	4.862215	
8	3	7	73.9	1033	1603	5.397987	
9	1	7	86.5			6.517951	1
10	3	7	73.7	1992	1491	7.144886	
11	3	7	51.5	1832	1456	7.967942	
12	3	7	56.8	1524	1217	8.264262	
13	3	7	89.9	1330	1491	8.71788	
14	2	7	50.9	1946		9.789411	
15	1	7	96.1			10.320703	
16	2	7	70.1	1172		11.036698	
17	2	7	65.3	1861		11.858855	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	87.5	1426	1062	0.191443	1
1	1	11	97.1			1.194006	
2	1	11	60.9			1.655986	
3	2	11	62.2	1996		2.930784	
4	1	11	96.1			3.3105	
5	2	11	76.7	1122		4.494585	
6	3	11	51.8	1991	1462	4.890581	
7	1	11	97.1			5.348771	
8	2	11	99.4	1246		6.248511	
9	2	11	55.4	1551		7.2312	
10	2	11	59.4	1927		7.526674	
11	1	11	80.3			8.746532	
12	3	11	88.8	1523	1233	9.259749	
13	2	11	55.4	1904		10.236684	
14	3	11	51.1	1194	1205	11.004866	
15	2	11	61.1	1734		11.923171	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	53.6	1904	1333	0.614639	1
1	3	11	72.4	1927	1465	1.44583	
2	3	11	93.6	1463	1793	2.87655	
3	2	11	59.7	1546		4.532035	
4	2	11	87.5	1073		6.083106	
5	1	11	73.7			7.967676	
6	1	11	87.8			8.447819	
7	1	11	63.6			9.421713	
8	2	11	80.5	1137		11.880653	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	95.4			0.786241	1
1	2	5	51.9	1196		1.376925	
2	1	5	91			2.510207	
3	2	5	88	1730		3.124476	
4	1	5	72.6			3.72861	
5	2	5	89.4	1664		5.152123	
6	3	5	94.8	1972	1341	6.363694	
7	2	5	68.3	1163		6.822977	
8	1	5	95.5			8.29222	
9	2	5	78.1	1445		9.011325	
10	2	5	99.6	1574		9.396566	
11	2	5	67.7	1972		10.535944	
12	2	5	59.6	1861		11.42426	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	68.5			0.992794	1
1	2	11	52.6	1732		1.582851	
2	1	11	86.7			2.613112	
3	2	11	55.8	1211		3.483765	
4	3	11	55.5	1408	1155	4.763155	
5	2	11	92.4	1284		5.636243	
6	2	11	68.3	1256		6.874687	
7	2	11	52.4	1498		7.836237	
8	2	11	66.3	1683		8.017085	
9	1	11	73.4			9.309168	
10	1	11	61			10.115558	
11	2	11	86.2	1183		11.574481	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	93.5	1489		0.64324	1
1	1	17	95.7			0.738508	
2	1	17	87.9			1.98169	
3	2	17	55.9	1154		2.00663	
4	3	17	95.3	1346	1855	2.991793	
5	2	17	97.1	1913		3.455951	
6	2	17	99.8	1248		4.282428	
7	3	17	51.8	1013	1017	5.157754	
8	2	17	73.9	1457		5.709045	
9	1	17	80.8			6.346454	
10	1	17	63.5			7.288744	
11	2	17	97.5	1215		7.691703	
12	2	17	52.1	1343		8.321781	
13	3	17	89.6	1198	1513	8.920862	
14	2	17	88.4	1491		9.627205	
15	2	17	92.9	1436		10.565084	
16	3	17	65.5	1397	1617	11.030297	
17	2	17	65.3	1620		11.876772	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	89.5			0.891075	1
1	3	13	67.1	1624	1171	1.378552	
2	1	13	77.6			2.310523	
3	3	13	93.1	1967	1857	3.617651	
4	2	13	69.9	1794		4.46472	
5	2	13	62.7	1014		4.859955	
6	2	13	90.7	1176		6.304792	
7	2	13	82.8	1780		7.021643	
8	2	13	85.1	1715		7.674982	
9	2	13	70.3	1539		8.735777	
10	3	13	84.3	1773	1764	9.370456	
11	2	13	95.2	1538		10.790141	
12	2	13	82.7	1343		11.143903	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	96.3	1739		0.364255	1
1	2	17	51.7	1337		1.630055	
2	2	17	89.9	1197		2.076498	
3	1	17	78.7			3.042433	
4	2	17	70.2	1981		3.901432	
5	2	17	87.7	1382		5.036209	
6	1	17	95.7			5.68995	
7	1	17	53			6.546894	
8	2	17	90.5	1583		7.020107	
9	2	17	96.8	1929		8.167561	
10	2	17	92.4	1344		8.903765	
11	3	17	62.4	1852	1684	9.673449	
12	2	17	80.1	1327		10.615962	
13	2	17	92.5	1206		11.216383	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	66.2	1649		0.132939	1
1	1	16	57.3			0.893164	
2	2	16	88.1	1320		1.578176	
3	1	16	91.9			1.905748	
4	2	16	91.7	1698		2.618908	
5	3	16	82.6	1354	1813	3.444049	
6	3	16	96.2	1994	1774	4.031709	
7	2	16	57.6	1139		5.015331	
8	3	16	92.8	1625	1144	5.233837	
9	2	16	86.7	1401		6.012768	
10	2	16	93.8	1725		6.608556	
11	3	16	76.1	1626	1316	7.513665	
12	2	16	63.8	1879		7.822974	
13	2	16	60.1	1722		8.707385	
14	3	16	74.8	1037	1969	9.305472	
15	3	16	91	1031	1828	10.041361	
16	2	16	66.9	1698		10.50439	
17	2	16	97.6	1150		11.227402	
18	3	16	99.9	1743	1874	11.777471	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	74.7	1554		0.679236	
1	2	9	53.3	1594		1.965938	
2	3	9	52.9	1033	1636	3.053915	
3	3	9	85.5	1297	1180	3.855789	
4	1	9	89.6			4.566165	
5	3	9	60.4	1399	1981	6.173297	1
6	1	9	71.5			7.197446	
7	2	9	88.9	1184		8.384944	
8	1	9	66.4			9.660172	
9	1	9	95.2			10.506465	
10	2	9	96.5	1759		11.499137	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	50.9	1798		0.463424	
1	2	7	98.3	1790		1.099898	
2	1	7	57.8			1.472566	
3	2	7	74.5	1932		2.531564	
4	2	7	63.3	1132		3.117024	
5	3	7	77.2	1313	1428	3.731875	
6	3	7	74.1	1152	1745	4.213105	
7	3	7	55.3	1214	1773	4.862215	
8	3	7	73.9	1033	1603	5.397987	
9	1	7	86.5			6.517951	1
10	3	7	73.7	1992	1491	7.144886	
11	3	7	51.5	1832	1456	7.967942	
12	3	7	56.8	1524	1217	8.264262	
13	3	7	89.9	1330	1491	8.71788	
14	2	7	50.9	1946		9.789411	
15	1	7	96.1			10.320703	
16	2	7	70.1	1172		11.036698	
17	2	7	65.3	1861		11.858855	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	87.5	1426	1062	0.191443	1
1	1	11	97.1			1.194006	
2	1	11	60.9			1.655986	
3	2	11	62.2	1996		2.930784	
4	1	11	96.1			3.3105	
5	2	11	76.7	1122		4.494585	
6	3	11	51.8	1991	1462	4.890581	
7	1	11	97.1			5.348771	
8	2	11	99.4	1246		6.248511	
9	2	11	55.4	1551		7.2312	
10	2	11	59.4	1927		7.526674	
11	1	11	80.3			8.746532	
12	3	11	88.8	1523	1233	9.259749	
13	2	11	55.4	1904		10.236684	
14	3	11	51.1	1194	1205	11.004866	
15	2	11	61.1	1734		11.923171	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	53.6	1904	1333	0.614639	1
1	3	11	72.4	1927	1465	1.44583	
2	3	11	93.6	1463	1793	2.87655	
3	2	11	59.7	1546		4.532035	
4	2	11	87.5	1073		6.083106	
5	1	11	73.7			7.967676	
6	1	11	87.8			8.447819	
7	1	11	63.6			9.421713	
8	2	11	80.5	1137		11.880653	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	95.4			0.786241	1
1	2	5	51.9	1196		1.376925	
2	1	5	91			2.510207	
3	2	5	88	1730		3.124476	
4	1	5	72.6			3.72861	
5	2	5	89.4	1664		5.152123	
6	3	5	94.8	1972	1341	6.363694	
7	2	5	68.3	1163		6.822977	
8	1	5	95.5			8.29222	
9	2	5	78.1	1445		9.011325	
10	2	5	99.6	1574		9.396566	
11	2	5	67.7	1972		10.535944	
12	2	5	59.6	1861		11.42426	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	68.5			0.992794	1
1	2	11	52.6	1732		1.582851	
2	1	11	86.7			2.613112	
3	2	11	55.8	1211		3.483765	
4	3	11	55.5	1408	1155	4.763155	
5	2	11	92.4	1284		5.636243	
6	2	11	68.3	1256		6.874687	
7	2	11	52.4	1498		7.836237	
8	2	11	66.3	1683		8.017085	
9	1	11	73.4			9.309168	
10	1	11	61			10.115558	
11	2	11	86.2	1183		11.574481	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	93.5	1489		0.64324	
1	1	17	95.7			0.738508	
2	1	17	87.9			1.98169	
3	2	17	55.9	1154		2.00663	
4	3	17	95.3	1346	1855	2.991793	
5	2	17	97.1	1913		3.455951	
6	2	17	99.8	1248		4.282428	
7	3	17	51.8	1013	1017	5.157754	
8	2	17	73.9	1457		5.709045	1
9	1	17	80.8			6.346454	
10	1	17	63.5			7.288744	
11	2	17	97.5	1215		7.691703	
12	2	17	52.1	1343		8.321781	
13	3	17	89.6	1198	1513	8.920862	
14	2	17	88.4	1491		9.627205	
15	2	17	92.9	1436		10.565084	
16	3	17	65.5	1397	1617	11.030297	
17	2	17	65.3	1620		11.876772	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	89.5			0.891075	
1	3	13	67.1	1624	1171	1.378552	
2	1	13	77.6			2.310523	
3	3	13	93.1	1967	1857	3.617651	
4	2	13	69.9	1794		4.46472	
5	2	13	62.7	1014		4.859955	
6	2	13	90.7	1176		6.304792	1
7	2	13	82.8	1780		7.021643	
8	2	13	85.1	1715		7.674982	
9	2	13	70.3	1539		8.735777	
10	3	13	84.3	1773	1764	9.370456	
11	2	13	95.2	1538		10.790141	
12	2	13	82.7	1343		11.143903	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	57.9	1574		0.003008	
1	2	9	69.2	1508		0.753473	
2	1	9	96.5			1.409665	
3	2	9	77.4	1012		2.408873	
4	1	9	93.9			2.833349	
5	2	9	84.5	1602		3.448366	
6	1	9	85.3			3.879074	
7	1	9	97.7			4.828863	
8	3	9	54.9	1881	1169	5.094978	
9	3	9	86.9	1667	1887	6.032626	1
10	3	9	75.9	1741	1540	6.672442	
11	1	9	67.2			7.484274	
12	3	9	98.5	1078	1113	7.960831	
13	2	9	88.5	1621		8.834286	
14	2	9	71.4	1438		8.871253	
15	3	9	56.8	1316	1453	9.731944	
16	2	9	74	1126		10.145226	
17	2	9	85.2	1119		10.97324	
18	2	9	85.8	1144		11.370306	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	95.2	1377	1454	0.814839	
1	1	11	73.6			2.001819	
2	1	11	62			3.003199	
3	2	11	81.6	1717		3.814493	
4	3	11	77.8	1540	1927	5.061268	
5	3	11	93.9	1072	1849	6.312904	1
6	1	11	84.8			7.556164	
7	3	11	72.1	1402	1319	9.211705	
8	2	11	72.4	1722		10.120779	
9	2	11	66.3	1517		11.582939	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	87.7	1674		0.958924	1
1	2	7	67.7	1351		2.781511	
2	2	7	61.2	1158		3.225843	
3	1	7	77.7			4.540496	
4	3	7	89.7	1687	1500	6.326182	
5	2	7	83.2	1609		8.537859	
6	1	7	97.4			9.684532	
7	3	7	59.8	1794	1141	11.3259	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	68.1	1408		0.030561	1
1	2	17	51	1630		2.230219	
2	1	17	52.6			4.112833	
3	3	17	82.2	1522	1253	4.948184	
4	2	17	63.2	1868		6.295982	
5	2	17	96.5	1374		8.934125	
6	2	17	70.9	1938		9.961007	
7	2	17	54.7	1136		10.661476	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	79.3	1477	1856	0.023973	1
1	2	9	94	1309		1.694799	
2	3	9	65.8	1066	1820	3.230198	
3	3	9	52.2	1649	1685	4.568404	
4	1	9	66.3			5.970313	
5	2	9	67.8	1675		7.78356	
6	3	9	93.8	1486	1252	8.78656	
7	2	9	92.5	1519		9.787825	
8	2	9	63.4	1698		11.924737	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	93.4	1939	1934	0.233636	1
1	2	8	80.1	1413		1.234402	
2	2	8	90.2	1782		1.847497	
3	1	8	72.1			2.024796	
4	3	8	90.9	1728	1248	2.971584	
5	2	8	89.1	1472		3.7144	
6	1	8	76.2			4.397277	
7	1	8	54.3			4.7777	
8	3	8	92.3	1122	1585	5.829003	
9	1	8	52.6			6.587884	
10	1	8	65.3			6.79335	
11	3	8	58.8	1200	1175	7.643388	
12	1	8	79.2			8.057014	
13	3	8	93.4	1099	1991	9.25285	
14	3	8	87.1	1686	1139	9.793806	
15	3	8	66.1	1589	1122	10.455283	
16	3	8	82.7	1868	1164	10.733161	
17	2	8	78.9	1445		11.946135	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	54.7	1217		0.641505	
1	2	5	84.1	1527		1.127919	
2	3	5	53.9	1219	1939	1.362553	
3	1	5	82.5			2.402607	
4	1	5	68.6			3.065059	
5	1	5	72.9			3.870194	
6	2	5	70.5	1855		4.517334	
7	2	5	72.3	1486		5.089669	
8	3	5	93	1992	1831	5.731875	
9	1	5	55.6			6.509281	1
10	1	5	74.5			6.800238	
11	3	5	56.8	1288	1125	7.989704	
12	3	5	94.4	1041	1201	8.329526	
13	2	5	52.3	1927		8.769779	
14	3	5	78.3	1835	1643	9.712996	
15	2	5	97.2	1110		10.236607	
16	2	5	86.6	1718		11.043312	
17	2	5	68.8	1400		11.471487	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	65.8	1971	1326	0.525334	
1	2	10	77.4	1723		1.676507	
2	2	10	87.6	1218		2.528755	
3	3	10	74.4	1393	1957	3.297753	
4	2	10	62.1	1448		4.298679	
5	2	10	60.3	1371		5.085601	
6	3	10	88.8	1815	1858	5.621967	1
7	3	10	88.9	1864	1300	7.31223	
8	2	10	79.5	1798		8.01853	
9	2	10	76.9	1920		9.070843	
10	1	10	97.4			9.589844	
11	2	10	93.8	1049		10.406386	
12	3	10	64.9	1550	1327	11.557329	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	76.6			0.224913	1
1	2	8	64.7	1984		0.973641	
2	2	8	76.4	1450		1.558506	
3	2	8	96.7	1704		2.032912	
4	3	8	87.5	1536	1050	2.795974	
5	2	8	81.8	1883		3.306628	
6	1	8	83.6			4.131602	
7	2	8	77.9	1944		4.519802	
8	2	8	86.6	1836		5.147483	
9	1	8	53.9			5.953629	
10	2	8	93.3	1230		6.321267	
11	1	8	94.8			6.929903	
12	2	8	68.7	1103		7.646113	
13	1	8	82			8.050045	
14	2	8	51.2	1172		8.793042	
15	2	8	68.5	1046		9.07332	
16	2	8	50.5	1758		10.128979	
17	2	8	93	1922		10.272282	
18	3	8	73.2	1125	1921	11.367879	
19	3	8	52.8	1448	1033	11.841677	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	70	1339	1546	0.280424	
1	1	5	76			0.805352	
2	1	5	70.7			1.331403	
3	1	5	62.2			2.132271	
4	3	5	86.8	1103	1423	3.034912	
5	2	5	88.8	1133		3.364251	
6	2	5	51.1	1850		4.210776	
7	2	5	82.4	1690		4.664852	
8	2	5	52.1	1576		5.328891	
9	3	5	95	1535	1041	6.095376	1
10	2	5	52.4	1495		6.465656	
11	2	5	69.5	1636		7.508088	
12	2	5	89.6	1668		7.63346	
13	1	5	85.6			8.588986	
14	1	5	93.7			9.323115	
15	1	5	91.9			9.698083	
16	2	5	97.7	1946		10.544124	
17	2	5	76.8	1063		11.263976	
18	1	5	72			11.416245	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5260	9	1	333	1	5582.0, 5619.0, 5391.0, 5353.0, 5277.0, 5436.0, 5653.0, 5718.0, 5649.0, 5314.0, 5468.0, 5716.0, 5595.0, 5514.0, 5263.0, 5293.0, 5428.0, 5385.0, 5334.0, 5415.0, 5473.0, 5305.0, 5472.0, 5662.0, 5710.0, 5288.0, 5624.0, 5723.0, 5658.0, 5388.0, 5346.0, 5393.0, 5715.0, 5474.0, 5508.0, 5308.0, 5281.0, 5299.0, 5256.0, 5378.0, 5483.0, 5484.0, 5344.0, 5546.0, 5335.0, 5694.0, 5340.0, 5560.0, 5327.0, 5461.0, 5321.0, 5339.0, 5294.0, 5517.0, 5567.0, 5709.0, 5454.0, 5621.0, 5538.0, 5396.0, 5361.0, 5455.0, 5384.0, 5300.0, 5387.0, 5622.0, 5684.0, 5306.0, 5310.0, 5426.0, 5712.0, 5371.0, 5551.0, 5678.0, 5431.0, 5643.0, 5350.0, 5635.0, 5573.0, 5500.0, 5540.0, 5302.0, 5603.0, 5704.0, 5286.0, 5660.0, 5592.0, 5442.0, 5273.0, 5695.0, 5400.0, 5290.0, 5578.0, 5597.0, 5332.0, 5608.0, 5276.0, 5651.0, 5544.0, 5492.0 (number of hits: 2)
2	5260	9	1	333	1	5251.0, 5417.0, 5333.0, 5366.0, 5723.0, 5565.0, 5323.0, 5700.0, 5535.0, 5658.0, 5554.0, 5447.0, 5637.0, 5385.0, 5253.0, 5709.0, 5407.0, 5511.0, 5455.0, 5601.0, 5436.0, 5400.0, 5715.0, 5713.0, 5551.0, 5667.0, 5692.0, 5313.0, 5334.0, 5668.0, 5312.0, 5556.0, 5404.0, 5464.0, 5398.0, 5615.0, 5435.0, 5508.0, 5452.0, 5451.0, 5453.0, 5663.0, 5695.0, 5472.0, 5430.0, 5696.0, 5538.0, 5636.0, 5348.0, 5429.0, 5461.0, 5682.0, 5642.0, 5506.0, 5600.0, 5454.0, 5307.0, 5720.0, 5571.0, 5431.0, 5712.0, 5304.0, 5546.0, 5581.0, 5332.0, 5520.0, 5343.0, 5602.0, 5517.0, 5673.0, 5562.0, 5369.0, 5548.0, 5532.0, 5460.0, 5680.0, 5306.0, 5688.0, 5421.0, 5669.0, 5717.0, 5608.0, 5342.0, 5570.0, 5704.0, 5486.0, 5543.0, 5691.0, 5587.0, 5666.0, 5326.0, 5371.0, 5480.0, 5589.0, 5459.0, 5701.0, 5265.0, 5550.0, 5345.0, 5624.0 (number of hits: 3)
3	5260	9	1	333	1	5660.0, 5518.0, 5704.0, 5313.0, 5706.0, 5427.0, 5614.0, 5509.0, 5286.0, 5403.0, 5439.0, 5298.0, 5361.0, 5314.0, 5645.0, 5681.0, 5657.0, 5459.0, 5254.0, 5671.0, 5604.0, 5504.0, 5391.0, 5581.0, 5652.0, 5377.0, 5545.0, 5584.0, 5593.0, 5572.0, 5592.0, 5483.0, 5256.0, 5603.0, 5309.0, 5414.0, 5682.0, 5261.0, 5612.0, 5280.0, 5516.0, 5343.0, 5721.0, 5325.0, 5553.0, 5328.0, 5359.0, 5649.0, 5382.0, 5468.0, 5304.0, 5323.0, 5534.0, 5267.0, 5621.0, 5559.0, 5273.0, 5317.0, 5631.0, 5399.0,

						5525.0, 5272.0, 5392.0, 5344.0, 5715.0, 5465.0, 5717.0, 5364.0, 5583.0, 5659.0, 5466.0, 5278.0, 5664.0, 5463.0, 5436.0, 5476.0, 5651.0, 5368.0, 5284.0, 5301.0, 5450.0, 5307.0, 5324.0, 5458.0, 5655.0, 5487.0, 5470.0, 5502.0, 5661.0, 5264.0, 5590.0, 5496.0, 5384.0, 5269.0, 5550.0, 5564.0, 5491.0, 5381.0, 5589.0, 5557.0 (number of hits: 5)
4	5260	9	1	333	1	5643.0, 5311.0, 5473.0, 5451.0, 5392.0, 5525.0, 5375.0, 5415.0, 5316.0, 5253.0, 5705.0, 5540.0, 5419.0, 5586.0, 5365.0, 5319.0, 5677.0, 5589.0, 5382.0, 5639.0, 5374.0, 5499.0, 5323.0, 5655.0, 5328.0, 5309.0, 5697.0, 5265.0, 5271.0, 5530.0, 5486.0, 5510.0, 5384.0, 5567.0, 5360.0, 5659.0, 5421.0, 5679.0, 5439.0, 5383.0, 5673.0, 5536.0, 5600.0, 5658.0, 5432.0, 5385.0, 5322.0, 5507.0, 5398.0, 5373.0, 5357.0, 5631.0, 5489.0, 5701.0, 5551.0, 5453.0, 5290.0, 5308.0, 5423.0, 5602.0, 5635.0, 5428.0, 5646.0, 5690.0, 5293.0, 5289.0, 5604.0, 5675.0, 5674.0, 5577.0, 5481.0, 5570.0, 5403.0, 5417.0, 5296.0, 5672.0, 5361.0, 5312.0, 5275.0, 5433.0, 5683.0, 5698.0, 5545.0, 5405.0, 5611.0, 5684.0, 5350.0, 5268.0, 5472.0, 5327.0, 5617.0, 5282.0, 5457.0, 5632.0, 5339.0, 5543.0, 5670.0, 5371.0, 5445.0, 5437.0 (number of hits: 3)
5	5260	9	1	333	1	5496.0, 5607.0, 5588.0, 5670.0, 5355.0, 5409.0, 5528.0, 5579.0, 5487.0, 5625.0, 5602.0, 5630.0, 5305.0, 5286.0, 5447.0, 5606.0, 5296.0, 5703.0, 5708.0, 5472.0, 5547.0, 5593.0, 5346.0, 5361.0, 5558.0, 5550.0, 5285.0, 5677.0, 5538.0, 5527.0, 5621.0, 5347.0, 5695.0, 5295.0, 5572.0, 5516.0, 5421.0, 5506.0, 5618.0, 5689.0, 5436.0, 5366.0, 5614.0, 5430.0, 5357.0, 5437.0, 5316.0, 5568.0, 5252.0, 5370.0, 5716.0, 5332.0, 5696.0, 5395.0, 5704.0, 5723.0, 5287.0, 5667.0, 5681.0, 5659.0, 5339.0, 5709.0, 5668.0, 5387.0, 5712.0, 5391.0, 5633.0, 5338.0, 5475.0, 5490.0, 5257.0, 5307.0, 5262.0, 5327.0, 5652.0, 5502.0, 5553.0, 5312.0, 5381.0, 5700.0, 5493.0, 5476.0, 5279.0, 5658.0, 5450.0, 5707.0, 5657.0, 5592.0, 5253.0, 5565.0, 5367.0, 5678.0, 5377.0, 5513.0, 5313.0, 5412.0, 5369.0, 5626.0, 5698.0, 5404.0 (number of hits: 4)
6	5260	9	1	333	1	5313.0, 5453.0, 5622.0, 5714.0, 5644.0, 5612.0, 5411.0, 5416.0, 5695.0, 5513.0, 5473.0, 5272.0, 5592.0, 5667.0, 5267.0, 5297.0, 5617.0, 5340.0, 5536.0, 5280.0, 5503.0, 5269.0, 5494.0, 5670.0, 5623.0, 5616.0, 5322.0, 5498.0, 5551.0, 5302.0, 5365.0, 5426.0, 5531.0, 5660.0, 5254.0, 5288.0, 5647.0, 5371.0, 5687.0, 5406.0, 5615.0, 5537.0, 5516.0, 5691.0, 5490.0,

						5509.0, 5354.0, 5570.0, 5683.0, 5424.0, 5476.0, 5701.0, 5286.0, 5561.0, 5584.0, 5422.0, 5281.0, 5343.0, 5382.0, 5686.0, 5544.0, 5301.0, 5387.0, 5320.0, 5440.0, 5586.0, 5415.0, 5275.0, 5298.0, 5442.0, 5542.0, 5287.0, 5258.0, 5500.0, 5384.0, 5463.0, 5633.0, 5634.0, 5433.0, 5326.0, 5719.0, 5493.0, 5480.0, 5361.0, 5547.0, 5496.0, 5367.0, 5311.0, 5587.0, 5452.0, 5315.0, 5663.0, 5505.0, 5450.0, 5677.0, 5523.0, 5621.0, 5648.0, 5412.0, 5346.0 (number of hits: 3)
7	5260	9	1	333	1	5443.0, 5611.0, 5516.0, 5493.0, 5620.0, 5263.0, 5649.0, 5308.0, 5261.0, 5418.0, 5257.0, 5280.0, 5651.0, 5354.0, 5439.0, 5286.0, 5323.0, 5619.0, 5501.0, 5678.0, 5388.0, 5292.0, 5704.0, 5401.0, 5426.0, 5584.0, 5387.0, 5609.0, 5258.0, 5569.0, 5564.0, 5374.0, 5260.0, 5304.0, 5538.0, 5342.0, 5633.0, 5719.0, 5635.0, 5495.0, 5590.0, 5318.0, 5497.0, 5625.0, 5504.0, 5397.0, 5675.0, 5618.0, 5697.0, 5535.0, 5484.0, 5447.0, 5665.0, 5522.0, 5714.0, 5419.0, 5275.0, 5626.0, 5676.0, 5322.0, 5702.0, 5423.0, 5526.0, 5568.0, 5654.0, 5479.0, 5488.0, 5402.0, 5661.0, 5356.0, 5481.0, 5721.0, 5717.0, 5310.0, 5348.0, 5271.0, 5670.0, 5557.0, 5273.0, 5536.0, 5391.0, 5507.0, 5375.0, 5353.0, 5293.0, 5694.0, 5454.0, 5476.0, 5650.0, 5466.0, 5659.0, 5573.0, 5311.0, 5407.0, 5510.0, 5381.0, 5369.0, 5371.0, 5671.0, 5453.0 (number of hits: 5)
8	5260	9	1	333	1	5577.0, 5353.0, 5606.0, 5433.0, 5511.0, 5473.0, 5601.0, 5383.0, 5480.0, 5486.0, 5673.0, 5642.0, 5555.0, 5652.0, 5330.0, 5693.0, 5609.0, 5664.0, 5347.0, 5393.0, 5463.0, 5258.0, 5384.0, 5287.0, 5388.0, 5573.0, 5343.0, 5464.0, 5304.0, 5414.0, 5360.0, 5525.0, 5438.0, 5557.0, 5567.0, 5303.0, 5493.0, 5403.0, 5358.0, 5335.0, 5285.0, 5308.0, 5436.0, 5680.0, 5619.0, 5627.0, 5445.0, 5422.0, 5365.0, 5629.0, 5371.0, 5724.0, 5540.0, 5413.0, 5411.0, 5508.0, 5401.0, 5314.0, 5256.0, 5528.0, 5551.0, 5298.0, 5649.0, 5307.0, 5456.0, 5700.0, 5416.0, 5354.0, 5341.0, 5266.0, 5361.0, 5349.0, 5691.0, 5275.0, 5399.0, 5472.0, 5514.0, 5610.0, 5690.0, 5492.0, 5408.0, 5409.0, 5550.0, 5455.0, 5682.0, 5451.0, 5683.0, 5253.0, 5430.0, 5367.0, 5273.0, 5554.0, 5415.0, 5261.0, 5457.0, 5348.0, 5589.0, 5502.0, 5447.0, 5497.0 (number of hits: 5)
9	5260	9	1	333	1	5282.0, 5309.0, 5361.0, 5487.0, 5587.0, 5491.0, 5471.0, 5512.0, 5459.0, 5609.0, 5642.0, 5541.0, 5676.0, 5424.0, 5359.0, 5339.0, 5403.0, 5450.0, 5678.0, 5481.0, 5466.0, 5283.0, 5398.0, 5391.0, 5348.0, 5375.0, 5276.0, 5514.0, 5671.0, 5468.0,

						5279.0, 5589.0, 5526.0, 5545.0, 5583.0, 5268.0, 5432.0, 5593.0, 5610.0, 5421.0, 5721.0, 5265.0, 5451.0, 5529.0, 5540.0, 5320.0, 5637.0, 5602.0, 5441.0, 5534.0, 5386.0, 5364.0, 5307.0, 5453.0, 5595.0, 5422.0, 5328.0, 5362.0, 5371.0, 5435.0, 5430.0, 5467.0, 5710.0, 5675.0, 5293.0, 5643.0, 5568.0, 5329.0, 5606.0, 5704.0, 5620.0, 5522.0, 5723.0, 5599.0, 5503.0, 5603.0, 5274.0, 5330.0, 5597.0, 5347.0, 5345.0, 5573.0, 5485.0, 5496.0, 5497.0, 5647.0, 5374.0, 5289.0, 5431.0, 5385.0, 5544.0, 5420.0, 5314.0, 5502.0, 5442.0, 5499.0, 5681.0, 5410.0, 5622.0, 5533.0 (number of hits: 2)
10	5260	9	1	333	1	5600.0, 5517.0, 5418.0, 5612.0, 5461.0, 5514.0, 5488.0, 5308.0, 5724.0, 5453.0, 5346.0, 5278.0, 5355.0, 5443.0, 5650.0, 5644.0, 5287.0, 5371.0, 5642.0, 5329.0, 5313.0, 5538.0, 5599.0, 5398.0, 5518.0, 5508.0, 5277.0, 5296.0, 5722.0, 5466.0, 5544.0, 5510.0, 5595.0, 5563.0, 5475.0, 5567.0, 5257.0, 5298.0, 5410.0, 5573.0, 5628.0, 5533.0, 5347.0, 5427.0, 5637.0, 5704.0, 5641.0, 5494.0, 5532.0, 5291.0, 5556.0, 5350.0, 5438.0, 5525.0, 5321.0, 5363.0, 5394.0, 5352.0, 5382.0, 5253.0, 5361.0, 5570.0, 5385.0, 5503.0, 5557.0, 5648.0, 5700.0, 5275.0, 5585.0, 5667.0, 5446.0, 5431.0, 5580.0, 5513.0, 5292.0, 5695.0, 5471.0, 5675.0, 5442.0, 5715.0, 5674.0, 5658.0, 5372.0, 5547.0, 5354.0, 5651.0, 5694.0, 5255.0, 5645.0, 5616.0, 5448.0, 5426.0, 5683.0, 5342.0, 5713.0, 5397.0, 5309.0, 5608.0, 5449.0, 5516.0 (number of hits: 3)
11	5260	9	1	333	1	5342.0, 5625.0, 5595.0, 5542.0, 5351.0, 5523.0, 5613.0, 5645.0, 5306.0, 5376.0, 5711.0, 5708.0, 5396.0, 5703.0, 5561.0, 5367.0, 5553.0, 5634.0, 5375.0, 5379.0, 5338.0, 5690.0, 5571.0, 5302.0, 5349.0, 5654.0, 5556.0, 5647.0, 5336.0, 5325.0, 5664.0, 5573.0, 5441.0, 5678.0, 5657.0, 5587.0, 5638.0, 5322.0, 5570.0, 5630.0, 5667.0, 5492.0, 5643.0, 5339.0, 5421.0, 5395.0, 5327.0, 5535.0, 5373.0, 5540.0, 5251.0, 5670.0, 5286.0, 5298.0, 5501.0, 5440.0, 5669.0, 5333.0, 5720.0, 5260.0, 5722.0, 5303.0, 5520.0, 5551.0, 5609.0, 5463.0, 5691.0, 5599.0, 5671.0, 5254.0, 5531.0, 5517.0, 5457.0, 5707.0, 5552.0, 5723.0, 5692.0, 5696.0, 5536.0, 5392.0, 5297.0, 5514.0, 5642.0, 5409.0, 5259.0, 5611.0, 5427.0, 5452.0, 5291.0, 5318.0, 5495.0, 5439.0, 5273.0, 5593.0, 5567.0, 5598.0, 5388.0, 5321.0, 5604.0, 5608.0 (number of hits: 4)
12	5260	9	1	333	1	5475.0, 5646.0, 5406.0, 5274.0, 5610.0, 5533.0, 5529.0, 5386.0, 5480.0, 5698.0, 5437.0, 5302.0, 5327.0, 5311.0, 5310.0,

						5478.0, 5444.0, 5613.0, 5318.0, 5481.0, 5693.0, 5626.0, 5714.0, 5567.0, 5573.0, 5425.0, 5496.0, 5717.0, 5606.0, 5262.0, 5455.0, 5695.0, 5275.0, 5543.0, 5662.0, 5261.0, 5673.0, 5696.0, 5530.0, 5389.0, 5431.0, 5574.0, 5612.0, 5703.0, 5620.0, 5538.0, 5403.0, 5279.0, 5432.0, 5289.0, 5547.0, 5501.0, 5622.0, 5456.0, 5301.0, 5363.0, 5493.0, 5502.0, 5465.0, 5715.0, 5273.0, 5712.0, 5271.0, 5707.0, 5497.0, 5374.0, 5542.0, 5553.0, 5591.0, 5619.0, 5472.0, 5391.0, 5390.0, 5557.0, 5584.0, 5645.0, 5588.0, 5331.0, 5423.0, 5474.0, 5284.0, 5649.0, 5580.0, 5544.0, 5428.0, 5392.0, 5435.0, 5377.0, 5483.0, 5549.0, 5494.0, 5458.0, 5535.0, 5720.0, 5337.0, 5328.0, 5636.0, 5365.0, 5705.0, 5381.0 (number of hits: 2)
13	5260	9	1	333	1	5364.0, 5580.0, 5390.0, 5296.0, 5298.0, 5352.0, 5528.0, 5596.0, 5458.0, 5484.0, 5410.0, 5302.0, 5391.0, 5365.0, 5434.0, 5574.0, 5283.0, 5609.0, 5620.0, 5448.0, 5714.0, 5564.0, 5496.0, 5687.0, 5472.0, 5535.0, 5581.0, 5664.0, 5646.0, 5340.0, 5457.0, 5492.0, 5379.0, 5707.0, 5670.0, 5494.0, 5299.0, 5648.0, 5394.0, 5700.0, 5467.0, 5603.0, 5583.0, 5402.0, 5464.0, 5557.0, 5684.0, 5616.0, 5313.0, 5347.0, 5443.0, 5312.0, 5392.0, 5531.0, 5649.0, 5650.0, 5258.0, 5586.0, 5615.0, 5617.0, 5342.0, 5404.0, 5420.0, 5267.0, 5507.0, 5717.0, 5371.0, 5259.0, 5430.0, 5547.0, 5409.0, 5589.0, 5569.0, 5556.0, 5576.0, 5637.0, 5553.0, 5311.0, 5663.0, 5411.0, 5554.0, 5323.0, 5395.0, 5413.0, 5320.0, 5526.0, 5351.0, 5624.0, 5436.0, 5362.0, 5487.0, 5345.0, 5334.0, 5718.0, 5335.0, 5500.0, 5698.0, 5523.0, 5253.0, 5585.0 (number of hits: 4)
14	5260	9	1	333	1	5267.0, 5533.0, 5457.0, 5664.0, 5687.0, 5348.0, 5541.0, 5581.0, 5651.0, 5351.0, 5588.0, 5269.0, 5536.0, 5273.0, 5432.0, 5319.0, 5363.0, 5401.0, 5385.0, 5316.0, 5462.0, 5694.0, 5252.0, 5384.0, 5528.0, 5478.0, 5711.0, 5437.0, 5279.0, 5278.0, 5413.0, 5648.0, 5333.0, 5422.0, 5515.0, 5429.0, 5272.0, 5580.0, 5678.0, 5681.0, 5472.0, 5560.0, 5313.0, 5336.0, 5666.0, 5338.0, 5530.0, 5418.0, 5323.0, 5686.0, 5382.0, 5343.0, 5463.0, 5346.0, 5665.0, 5628.0, 5433.0, 5411.0, 5277.0, 5696.0, 5682.0, 5712.0, 5672.0, 5340.0, 5407.0, 5370.0, 5293.0, 5659.0, 5635.0, 5408.0, 5703.0, 5649.0, 5692.0, 5658.0, 5390.0, 5373.0, 5571.0, 5674.0, 5558.0, 5549.0, 5377.0, 5579.0, 5591.0, 5623.0, 5265.0, 5717.0, 5710.0, 5689.0, 5631.0, 5486.0, 5353.0, 5668.0, 5268.0, 5334.0, 5354.0, 5642.0, 5416.0, 5564.0, 5468.0, 5718.0 (number of hits: 4)

15	5260	9	1	333	1	5496.0, 5688.0, 5410.0, 5615.0, 5524.0, 5300.0, 5550.0, 5431.0, 5556.0, 5646.0, 5571.0, 5399.0, 5601.0, 5574.0, 5378.0, 5504.0, 5420.0, 5468.0, 5391.0, 5264.0, 5690.0, 5462.0, 5429.0, 5335.0, 5362.0, 5582.0, 5573.0, 5473.0, 5522.0, 5486.0, 5277.0, 5500.0, 5643.0, 5351.0, 5671.0, 5563.0, 5549.0, 5255.0, 5692.0, 5386.0, 5369.0, 5341.0, 5600.0, 5513.0, 5530.0, 5318.0, 5584.0, 5324.0, 5521.0, 5544.0, 5383.0, 5622.0, 5590.0, 5448.0, 5466.0, 5703.0, 5663.0, 5381.0, 5502.0, 5517.0, 5680.0, 5395.0, 5562.0, 5321.0, 5421.0, 5537.0, 5387.0, 5633.0, 5531.0, 5659.0, 5724.0, 5329.0, 5308.0, 5631.0, 5356.0, 5303.0, 5256.0, 5676.0, 5350.0, 5567.0, 5433.0, 5347.0, 5710.0, 5694.0, 5547.0, 5453.0, 5481.0, 5542.0, 5609.0, 5718.0, 5292.0, 5426.0, 5558.0, 5290.0, 5695.0, 5593.0, 5624.0, 5392.0, 5294.0, 5310.0 (number of hits: 3)
16	5260	9	1	333	1	5332.0, 5253.0, 5721.0, 5265.0, 5666.0, 5639.0, 5401.0, 5581.0, 5270.0, 5383.0, 5366.0, 5718.0, 5515.0, 5540.0, 5644.0, 5274.0, 5664.0, 5415.0, 5683.0, 5385.0, 5350.0, 5259.0, 5463.0, 5492.0, 5377.0, 5593.0, 5403.0, 5582.0, 5329.0, 5326.0, 5503.0, 5267.0, 5314.0, 5435.0, 5534.0, 5702.0, 5615.0, 5272.0, 5353.0, 5612.0, 5436.0, 5400.0, 5548.0, 5707.0, 5468.0, 5569.0, 5422.0, 5632.0, 5480.0, 5570.0, 5536.0, 5474.0, 5432.0, 5542.0, 5396.0, 5307.0, 5429.0, 5425.0, 5387.0, 5340.0, 5459.0, 5461.0, 5527.0, 5512.0, 5614.0, 5263.0, 5303.0, 5638.0, 5319.0, 5628.0, 5289.0, 5696.0, 5577.0, 5630.0, 5701.0, 5276.0, 5445.0, 5693.0, 5261.0, 5440.0, 5547.0, 5517.0, 5625.0, 5476.0, 5561.0, 5393.0, 5712.0, 5601.0, 5719.0, 5443.0, 5417.0, 5715.0, 5346.0, 5465.0, 5549.0, 5453.0, 5678.0, 5434.0, 5441.0, 5541.0 (number of hits: 6)
17	5260	9	1	333	1	5485.0, 5675.0, 5442.0, 5602.0, 5605.0, 5432.0, 5334.0, 5539.0, 5506.0, 5300.0, 5349.0, 5407.0, 5381.0, 5586.0, 5666.0, 5692.0, 5419.0, 5277.0, 5583.0, 5571.0, 5331.0, 5691.0, 5421.0, 5621.0, 5564.0, 5713.0, 5482.0, 5591.0, 5348.0, 5519.0, 5613.0, 5568.0, 5533.0, 5416.0, 5642.0, 5373.0, 5537.0, 5382.0, 5618.0, 5637.0, 5313.0, 5433.0, 5550.0, 5658.0, 5553.0, 5639.0, 5579.0, 5312.0, 5360.0, 5615.0, 5627.0, 5543.0, 5308.0, 5314.0, 5303.0, 5545.0, 5402.0, 5514.0, 5676.0, 5438.0, 5295.0, 5655.0, 5562.0, 5250.0, 5256.0, 5701.0, 5631.0, 5723.0, 5467.0, 5298.0, 5341.0, 5522.0, 5262.0, 5494.0, 5671.0, 5544.0, 5285.0, 5457.0, 5478.0, 5367.0, 5681.0, 5600.0, 5278.0, 5565.0, 5475.0, 5304.0, 5273.0, 5525.0, 5265.0, 5464.0, 5492.0, 5430.0, 5452.0, 5292.0, 5435.0,

						5523.0, 5319.0, 5423.0, 5293.0, 5397.0 (number of hits: 3)
18	5260	9	1	333	1	5352.0, 5302.0, 5715.0, 5413.0, 5284.0, 5319.0, 5591.0, 5552.0, 5329.0, 5396.0, 5636.0, 5402.0, 5504.0, 5395.0, 5606.0, 5486.0, 5475.0, 5649.0, 5511.0, 5662.0, 5527.0, 5601.0, 5593.0, 5442.0, 5394.0, 5652.0, 5698.0, 5459.0, 5333.0, 5533.0, 5681.0, 5703.0, 5718.0, 5717.0, 5706.0, 5612.0, 5268.0, 5313.0, 5540.0, 5281.0, 5417.0, 5586.0, 5571.0, 5338.0, 5634.0, 5276.0, 5263.0, 5578.0, 5630.0, 5278.0, 5529.0, 5550.0, 5685.0, 5519.0, 5256.0, 5308.0, 5259.0, 5541.0, 5595.0, 5493.0, 5723.0, 5388.0, 5271.0, 5637.0, 5453.0, 5489.0, 5436.0, 5385.0, 5510.0, 5497.0, 5439.0, 5420.0, 5523.0, 5440.0, 5699.0, 5398.0, 5499.0, 5608.0, 5472.0, 5350.0, 5621.0, 5680.0, 5496.0, 5378.0, 5292.0, 5452.0, 5640.0, 5603.0, 5674.0, 5258.0, 5503.0, 5531.0, 5403.0, 5310.0, 5615.0, 5707.0, 5400.0, 5589.0, 5644.0, 5590.0 (number of hits: 5)
19	5260	9	1	333	1	5346.0, 5616.0, 5580.0, 5281.0, 5288.0, 5575.0, 5440.0, 5469.0, 5571.0, 5322.0, 5577.0, 5533.0, 5618.0, 5637.0, 5415.0, 5337.0, 5311.0, 5457.0, 5641.0, 5554.0, 5528.0, 5620.0, 5262.0, 5317.0, 5704.0, 5509.0, 5421.0, 5289.0, 5328.0, 5355.0, 5675.0, 5352.0, 5298.0, 5297.0, 5718.0, 5273.0, 5700.0, 5615.0, 5431.0, 5424.0, 5436.0, 5375.0, 5642.0, 5576.0, 5259.0, 5560.0, 5564.0, 5673.0, 5312.0, 5652.0, 5681.0, 5584.0, 5648.0, 5494.0, 5371.0, 5629.0, 5558.0, 5609.0, 5688.0, 5427.0, 5303.0, 5432.0, 5654.0, 5338.0, 5702.0, 5722.0, 5623.0, 5578.0, 5393.0, 5719.0, 5632.0, 5600.0, 5685.0, 5376.0, 5630.0, 5588.0, 5316.0, 5314.0, 5253.0, 5353.0, 5269.0, 5358.0, 5653.0, 5473.0, 5496.0, 5304.0, 5602.0, 5572.0, 5347.0, 5650.0, 5479.0, 5475.0, 5443.0, 5280.0, 5543.0, 5569.0, 5499.0, 5721.0, 5497.0, 5597.0 (number of hits: 3)
20	5260	9	1	333	1	5488.0, 5342.0, 5474.0, 5277.0, 5452.0, 5708.0, 5659.0, 5550.0, 5694.0, 5406.0, 5606.0, 5711.0, 5433.0, 5422.0, 5460.0, 5462.0, 5563.0, 5427.0, 5657.0, 5353.0, 5554.0, 5681.0, 5366.0, 5594.0, 5350.0, 5551.0, 5455.0, 5432.0, 5710.0, 5287.0, 5470.0, 5670.0, 5417.0, 5259.0, 5656.0, 5715.0, 5614.0, 5327.0, 5700.0, 5592.0, 5328.0, 5612.0, 5695.0, 5560.0, 5312.0, 5330.0, 5597.0, 5326.0, 5573.0, 5281.0, 5688.0, 5610.0, 5568.0, 5628.0, 5442.0, 5490.0, 5306.0, 5358.0, 5539.0, 5344.0, 5476.0, 5574.0, 5713.0, 5334.0, 5338.0, 5429.0, 5717.0, 5264.0, 5380.0, 5608.0, 5300.0, 5465.0, 5303.0, 5324.0, 5425.0, 5718.0, 5391.0, 5354.0, 5486.0, 5284.0,

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21	5260	9	1	333	1	5562.0, 5412.0, 5383.0, 5498.0, 5304.0, 5421.0, 5282.0, 5644.0, 5418.0, 5399.0, 5547.0, 5327.0, 5475.0, 5338.0, 5577.0, 5348.0, 5375.0, 5631.0, 5700.0, 5437.0, 5359.0, 5638.0, 5541.0, 5544.0, 5656.0, 5466.0, 5523.0, 5299.0, 5517.0, 5537.0, 5566.0, 5718.0, 5298.0, 5438.0, 5371.0, 5453.0, 5706.0, 5678.0, 5654.0, 5410.0, 5688.0, 5276.0, 5464.0, 5265.0, 5629.0, 5518.0, 5255.0, 5362.0, 5269.0, 5488.0, 5653.0, 5648.0, 5647.0, 5479.0, 5279.0, 5283.0, 5598.0, 5515.0, 5326.0, 5343.0, 5602.0, 5465.0, 5670.0, 5462.0, 5660.0, 5601.0, 5618.0, 5640.0, 5686.0, 5675.0, 5471.0, 5433.0, 5691.0, 5413.0, 5511.0, 5267.0, 5392.0, 5344.0, 5314.0, 5484.0, 5258.0, 5659.0, 5497.0, 5604.0, 5257.0, 5508.0, 5382.0, 5427.0, 5376.0, 5455.0, 5507.0, 5591.0, 5252.0, 5337.0, 5501.0, 5395.0, 5715.0, 5716.0, 5333.0, 5542.0 (number of hits: 6)
22	5260	9	1	333	1	5261.0, 5312.0, 5405.0, 5255.0, 5539.0, 5674.0, 5531.0, 5269.0, 5669.0, 5503.0, 5434.0, 5437.0, 5280.0, 5513.0, 5567.0, 5303.0, 5640.0, 5402.0, 5331.0, 5521.0, 5720.0, 5526.0, 5433.0, 5576.0, 5486.0, 5316.0, 5687.0, 5551.0, 5713.0, 5425.0, 5507.0, 5374.0, 5656.0, 5502.0, 5685.0, 5397.0, 5525.0, 5447.0, 5395.0, 5318.0, 5480.0, 5566.0, 5458.0, 5304.0, 5639.0, 5361.0, 5599.0, 5285.0, 5611.0, 5482.0, 5485.0, 5536.0, 5413.0, 5601.0, 5590.0, 5619.0, 5648.0, 5315.0, 5379.0, 5424.0, 5423.0, 5251.0, 5595.0, 5645.0, 5301.0, 5354.0, 5666.0, 5689.0, 5495.0, 5463.0, 5296.0, 5460.0, 5477.0, 5659.0, 5330.0, 5302.0, 5483.0, 5581.0, 5622.0, 5557.0, 5661.0, 5252.0, 5270.0, 5664.0, 5506.0, 5675.0, 5579.0, 5386.0, 5399.0, 5311.0, 5291.0, 5295.0, 5701.0, 5607.0, 5375.0, 5654.0, 5568.0, 5309.0, 5522.0, 5382.0 (number of hits: 4)
23	5260	9	1	333	1	5575.0, 5494.0, 5721.0, 5435.0, 5640.0, 5432.0, 5483.0, 5633.0, 5278.0, 5365.0, 5332.0, 5584.0, 5260.0, 5389.0, 5522.0, 5562.0, 5573.0, 5503.0, 5498.0, 5712.0, 5506.0, 5678.0, 5595.0, 5502.0, 5274.0, 5564.0, 5629.0, 5447.0, 5328.0, 5268.0, 5702.0, 5252.0, 5559.0, 5591.0, 5267.0, 5508.0, 5318.0, 5586.0, 5293.0, 5529.0, 5333.0, 5551.0, 5463.0, 5465.0, 5614.0, 5300.0, 5295.0, 5319.0, 5455.0, 5378.0, 5660.0, 5372.0, 5613.0, 5709.0, 5504.0, 5484.0, 5437.0, 5653.0, 5493.0, 5540.0, 5413.0, 5535.0, 5699.0, 5533.0, 5554.0,

						5448.0, 5262.0, 5256.0, 5271.0, 5402.0, 5309.0, 5703.0, 5279.0, 5619.0, 5253.0, 5516.0, 5289.0, 5427.0, 5549.0, 5568.0, 5383.0, 5355.0, 5388.0, 5555.0, 5541.0, 5431.0, 5481.0, 5296.0, 5696.0, 5299.0, 5466.0, 5603.0, 5452.0, 5631.0, 5403.0, 5638.0, 5460.0, 5329.0, 5337.0, 5583.0 (number of hits: 7)
24	5260	9	1	333	1	5514.0, 5352.0, 5710.0, 5326.0, 5312.0, 5357.0, 5637.0, 5423.0, 5443.0, 5406.0, 5482.0, 5535.0, 5365.0, 5625.0, 5361.0, 5596.0, 5650.0, 5614.0, 5359.0, 5648.0, 5584.0, 5529.0, 5323.0, 5465.0, 5454.0, 5678.0, 5281.0, 5633.0, 5543.0, 5253.0, 5509.0, 5481.0, 5705.0, 5391.0, 5327.0, 5704.0, 5467.0, 5533.0, 5539.0, 5370.0, 5557.0, 5363.0, 5615.0, 5331.0, 5484.0, 5554.0, 5297.0, 5298.0, 5410.0, 5386.0, 5618.0, 5548.0, 5412.0, 5566.0, 5448.0, 5656.0, 5287.0, 5631.0, 5649.0, 5328.0, 5278.0, 5611.0, 5626.0, 5621.0, 5690.0, 5425.0, 5305.0, 5308.0, 5619.0, 5336.0, 5330.0, 5627.0, 5694.0, 5382.0, 5600.0, 5350.0, 5441.0, 5458.0, 5358.0, 5563.0, 5571.0, 5456.0, 5616.0, 5692.0, 5251.0, 5661.0, 5652.0, 5668.0, 5591.0, 5355.0, 5572.0, 5400.0, 5289.0, 5314.0, 5672.0, 5640.0, 5513.0, 5613.0, 5376.0, 5609.0 (number of hits: 2)
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28	5260	9	1	333	1	5658.0, 5619.0, 5351.0, 5453.0, 5638.0, 5381.0, 5688.0, 5465.0, 5554.0, 5718.0, 5622.0, 5613.0, 5325.0, 5459.0, 5653.0, 5590.0, 5319.0, 5514.0, 5437.0, 5624.0, 5461.0, 5664.0, 5445.0, 5418.0, 5432.0, 5547.0, 5408.0, 5604.0, 5714.0, 5438.0, 5615.0, 5586.0, 5602.0, 5721.0, 5255.0, 5274.0, 5422.0, 5654.0, 5295.0, 5298.0, 5661.0, 5647.0, 5497.0, 5366.0, 5379.0, 5332.0, 5595.0, 5308.0, 5516.0, 5712.0, 5600.0, 5496.0, 5487.0, 5588.0, 5421.0, 5267.0, 5527.0, 5305.0, 5462.0, 5337.0, 5382.0, 5410.0, 5694.0, 5561.0, 5659.0, 5478.0, 5419.0, 5342.0, 5289.0, 5353.0, 5312.0, 5560.0, 5670.0, 5597.0, 5252.0, 5611.0, 5480.0, 5347.0, 5313.0, 5386.0, 5491.0, 5575.0, 5689.0, 5645.0, 5321.0, 5285.0, 5644.0, 5357.0, 5345.0, 5425.0, 5457.0, 5260.0, 5522.0, 5356.0, 5283.0, 5291.0, 5399.0, 5309.0, 5665.0, 5253.0 (number of hits: 5)
29	5260	9	1	333	1	5679.0, 5385.0, 5704.0, 5648.0, 5553.0, 5644.0, 5393.0, 5563.0, 5332.0, 5469.0, 5471.0, 5499.0, 5451.0, 5274.0, 5347.0, 5545.0, 5493.0, 5453.0, 5684.0, 5663.0, 5659.0, 5292.0, 5457.0, 5299.0, 5577.0, 5289.0, 5323.0, 5400.0, 5483.0, 5609.0, 5346.0, 5536.0, 5330.0, 5583.0, 5541.0,

						5255.0, 5498.0, 5251.0, 5361.0, 5582.0, 5618.0, 5495.0, 5516.0, 5272.0, 5664.0, 5319.0, 5257.0, 5388.0, 5329.0, 5661.0, 5530.0, 5447.0, 5717.0, 5414.0, 5338.0, 5682.0, 5539.0, 5503.0, 5258.0, 5311.0, 5281.0, 5315.0, 5676.0, 5327.0, 5259.0, 5515.0, 5409.0, 5686.0, 5597.0, 5417.0, 5571.0, 5427.0, 5547.0, 5634.0, 5631.0, 5355.0, 5341.0, 5316.0, 5562.0, 5470.0, 5641.0, 5356.0, 5253.0, 5610.0, 5348.0, 5561.0, 5602.0, 5386.0, 5532.0, 5633.0, 5550.0, 5318.0, 5651.0, 5270.0, 5416.0, 5269.0, 5603.0, 5376.0, 5670.0, 5640.0 (number of hits: 6)
30	5260	9	1	333	1	5481.0, 5486.0, 5388.0, 5465.0, 5674.0, 5405.0, 5387.0, 5684.0, 5488.0, 5604.0, 5670.0, 5259.0, 5644.0, 5472.0, 5263.0, 5548.0, 5617.0, 5436.0, 5595.0, 5418.0, 5280.0, 5386.0, 5377.0, 5634.0, 5672.0, 5594.0, 5421.0, 5553.0, 5689.0, 5291.0, 5326.0, 5475.0, 5426.0, 5265.0, 5290.0, 5261.0, 5479.0, 5624.0, 5443.0, 5347.0, 5596.0, 5339.0, 5587.0, 5360.0, 5654.0, 5592.0, 5490.0, 5483.0, 5429.0, 5663.0, 5513.0, 5364.0, 5368.0, 5558.0, 5538.0, 5722.0, 5442.0, 5642.0, 5424.0, 5361.0, 5615.0, 5471.0, 5560.0, 5379.0, 5457.0, 5415.0, 5343.0, 5485.0, 5665.0, 5445.0, 5698.0, 5461.0, 5493.0, 5652.0, 5581.0, 5279.0, 5679.0, 5349.0, 5317.0, 5621.0, 5567.0, 5332.0, 5476.0, 5350.0, 5393.0, 5314.0, 5608.0, 5695.0, 5496.0, 5716.0, 5297.0, 5653.0, 5446.0, 5453.0, 5494.0, 5618.0, 5681.0, 5569.0, 5591.0, 5274.0 (number of hits: 4)

5270 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	86.7 %	60%	Pass
Type 3	30	86.7 %	60%	Pass
Type 4	30	86.7 %	60%	Pass
Aggregate (Type1 to 4)	120	90 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	83	1	638	1
2	5251.5	62	1	858	1
3	5251.5	58	1	918	1
4	5251.5	57	1	938	1
5	5251.5	68	1	778	1
6	5270	99	1	538	1
7	5270	95	1	558	1
8	5270	63	1	838	1
9	5270	72	1	738	1
10	5270	61	1	878	1
11	5288.5	70	1	758	1
12	5288.5	102	1	518	1
13	5288.5	78	1	678	1
14	5288.5	81	1	658	1
15	5288.5	67	1	798	1
16	5251.5	53	1	997	1
17	5251.5	21	1	2559	1
18	5251.5	50	1	1076	1
19	5251.5	22	1	2441	1
20	5251.5	27	1	1961	1
21	5270	21	1	2534	1
22	5270	18	1	3006	1
23	5270	22	1	2462	1
24	5270	24	1	2287	1
25	5270	20	1	2647	1
26	5288.5	19	1	2851	1
27	5288.5	26	1	2064	1
28	5288.5	58	1	911	1
29	5288.5	56	1	956	1
30	5288.5	26	1	2030	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	28	2.7	194	1
2	5251.5	23	1.1	169	1
3	5251.5	28	4.1	187	1
4	5251.5	23	4.4	170	1
5	5251.5	23	5	214	1
6	5251.5	24	4.4	167	1
7	5251.5	28	4	170	1
8	5251.5	26	4.1	204	1
9	5251.5	27	1.4	182	1
10	5251.5	28	3.5	174	0
11	5270	23	2.5	158	1
12	5270	29	1.7	154	1
13	5270	27	3.4	207	1
14	5270	24	4.6	192	1
15	5270	24	3.2	202	1
16	5270	29	1.3	217	1
17	5270	25	3.3	182	1
18	5270	27	1.7	158	1
19	5270	23	1.6	219	1
20	5270	23	3.9	215	0
21	5288.5	28	4	224	1
22	5288.5	25	3.4	157	0
23	5288.5	23	4.9	203	1
24	5288.5	27	3.5	170	1
25	5288.5	28	4.5	169	0
26	5288.5	24	2.7	225	1
27	5288.5	28	1.7	198	1
28	5288.5	29	4	153	1
29	5288.5	28	1.8	222	1
30	5288.5	25	1.9	172	1
Detection Percentage: 86.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	18	8.1	291	1
2	5251.5	18	8.5	487	1
3	5251.5	16	9.4	241	1
4	5251.5	17	6.6	308	1
5	5251.5	18	7	487	1
6	5251.5	16	9.1	316	1
7	5251.5	16	8.6	291	1
8	5251.5	16	8.8	468	1
9	5251.5	18	8.8	403	1
10	5251.5	18	6.4	371	0
11	5270	17	9.9	443	0
12	5270	16	10	470	1
13	5270	17	7.8	395	0
14	5270	18	8.9	468	1
15	5270	17	7.3	452	1
16	5270	18	10	222	1
17	5270	16	7.9	226	1
18	5270	17	8.4	298	1
19	5270	17	7.8	348	1
20	5270	17	8.5	282	0
21	5288.5	17	7.5	214	1
22	5288.5	17	9.2	396	1
23	5288.5	18	6.7	409	1
24	5288.5	18	6.6	346	1
25	5288.5	16	9.9	251	1
26	5288.5	17	6.5	460	1
27	5288.5	16	6.2	246	1
28	5288.5	16	8.8	347	1
29	5288.5	16	6.7	480	1
30	5288.5	18	10	223	1
Detection Percentage: 86.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5251.5	13	11.7	481	1
2	5251.5	16	13	353	0
3	5251.5	12	14.9	421	1
4	5251.5	12	16.6	394	1
5	5251.5	15	13.9	209	1
6	5251.5	13	16.8	373	1
7	5251.5	13	15.2	380	1
8	5251.5	16	15.6	303	1
9	5251.5	13	16.4	263	0
10	5251.5	15	14.7	382	1
11	5270	16	18.9	321	1
12	5270	15	14	348	1
13	5270	13	19.3	247	1
14	5270	14	16.4	437	1
15	5270	13	15.8	475	1
16	5270	13	18.7	388	1
17	5270	14	12.8	382	1
18	5270	12	15.4	278	1
19	5270	15	13.7	457	1
20	5270	16	11.8	434	1
21	5288.5	13	16.4	425	1
22	5288.5	13	14.6	203	0
23	5288.5	13	15.7	313	1
24	5288.5	16	16.2	219	1
25	5288.5	16	12.9	462	1
26	5288.5	13	12.6	228	1
27	5288.5	12	12	268	1
28	5288.5	15	18	251	1
29	5288.5	16	14.1	363	0
30	5288.5	13	17.9	346	1
Detection Percentage: 86.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5270	1
2	5270	1
3	5270	1
4	5270	1
5	5270	1
6	5270	1
7	5270	1
8	5270	1
9	5270	1
10	5270	1
11	5259.5	1
12	5255.9	1
13	5254.7	1
14	5254.3	1
15	5257.5	1
16	5256.7	1
17	5254.3	1
18	5257.9	1
19	5255.1	1
20	5256.3	1
21	5283.7	1
22	5281.3	1
23	5282.1	1
24	5283.7	1
25	5284.9	1
26	5282.9	1
27	5284.1	1
28	5284.9	1
29	5282.9	1
30	5284.5	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	57.7			0.591165	1
1	2	12	95.4	1677		2.164057	
2	3	12	93.5	1706	1569	2.696184	
3	2	12	96.3	1577		4.094699	
4	2	12	64.5	1706		5.308797	
5	2	12	67.5	1319		6.264488	
6	1	12	79.8			7.666687	
7	1	12	71.7			8.642822	
8	1	12	95.8			9.603742	
9	2	12	97.8	1885		11.364311	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	96	1320		0.560075	1
1	3	15	96.1	1559	1251	1.108216	
2	2	15	69.4	1156		1.763827	
3	3	15	57.5	1595	1787	2.127023	
4	3	15	88.2	1102	1946	2.683449	
5	3	15	80.1	1627	1316	3.758781	
6	2	15	74.1	1095		4.145593	
7	2	15	60.3	1230		4.461446	
8	2	15	62.1	1868		5.322442	
9	2	15	85.2	1119		6.053277	
10	2	15	70.4	1954		6.751993	
11	1	15	60.2			7.301912	
12	1	15	84.7			7.933302	
13	2	15	59.7	1404		8.309657	
14	2	15	96.3	1702		9.398298	
15	1	15	66.1			9.527006	
16	2	15	86.9	1140		10.267138	
17	1	15	83.7			10.842857	
18	1	15	56.4			11.637653	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	57.4			1.078455	1
1	3	5	88.6	1642	1615	2.380712	
2	1	5	96.7			3.26523	
3	2	5	64.6	1917		4.706502	
4	1	5	71.5			4.975267	
5	1	5	76.7			6.971435	
6	2	5	83.2	1996		7.52389	
7	1	5	50.7			8.426368	
8	2	5	78.9	1813		10.477593	
9	1	5	99.9			11.004796	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	95.8	1080		0.488541	1
1	3	7	68.8	1997	1265	0.866503	
2	2	7	66.1	1407		2.376893	
3	1	7	67.3			3.140737	
4	2	7	50.7	1195		3.297934	
5	2	7	89.6	1132		4.051242	
6	1	7	58.8			4.81575	
7	2	7	96.3	1971		6.242134	
8	1	7	88.6			7.019946	
9	1	7	78.7			7.353531	
10	3	7	77.5	1010	1855	8.422538	
11	2	7	80.5	1866		9.587299	
12	2	7	53	1768		10.028038	
13	3	7	72.8	1937	1437	10.62299	
14	1	7	77.6			11.95253	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	77.1			0.239671	
1	1	9	87.2			1.400863	
2	2	9	85.1	1505		2.110641	
3	2	9	88.8	1549		2.834446	
4	2	9	82.8	1436		3.501239	
5	2	9	94.8	1670		4.413029	
6	2	9	78.8	1659		5.147814	
7	2	9	73	1752		6.14816	1
8	2	9	91.5	1696		7.165121	
9	2	9	72.7	1695		7.93608	
10	3	9	51.2	1638	1372	8.501337	
11	2	9	69.8	1273		9.406224	
12	2	9	66.5	1363		9.745285	
13	2	9	74.7	1525		10.602629	
14	1	9	90.7			11.555053	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	80.8			0.20902	
1	2	14	58.9	1996		1.414006	
2	1	14	57			2.957044	
3	2	14	52.9	1337		3.646676	
4	1	14	85.6			5.369364	
5	2	14	92.2	1339		5.612665	1
6	2	14	54.7	1565		7.262423	
7	2	14	84.3	1574		7.87732	
8	3	14	97.3	1540	1267	8.914756	
9	2	14	51.6	1821		10.666273	
10	2	14	95.1	1344		11.002705	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	52.8	1701		0.168547	
1	2	8	68.3	1726		1.002293	
2	2	8	68.6	1715		2.114876	
3	3	8	94.2	1347	1200	2.558424	
4	2	8	53.4	1740		3.786645	
5	2	8	63.3	1621		4.59318	
6	1	8	89.3			5.199131	
7	1	8	69.7			6.130805	1
8	3	8	75.1	1016	1618	6.736013	
9	3	8	56.5	1794	1044	7.805568	
10	2	8	75.1	1472		8.245274	
11	3	8	66.3	1176	1087	9.522369	
12	1	8	73			9.664636	
13	3	8	92.9	1550	1688	10.970636	
14	2	8	50.7	1102		11.219305	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	65.4	1647	1097	0.307094	
1	2	10	53.1	1095		1.024558	
2	3	10	65.1	1924	1571	2.74255	
3	2	10	71	1939		3.308119	
4	3	10	65.5	1384	1604	3.885056	
5	3	10	70.9	1743	1402	5.148425	
6	2	10	54.8	1823		5.68706	1
7	1	10	89.8			7.364209	
8	2	10	60.2	1522		7.956398	
9	1	10	69.5			8.926961	
10	1	10	85.1			10.141707	
11	2	10	81.2	1657		10.315503	
12	2	10	76.4	1480		11.176261	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	52.4			0.309193	
1	3	7	69.8	1441	1306	0.699887	
2	1	7	69.3			1.822059	
3	2	7	56.1	1557		1.985813	
4	1	7	92.8			3.067046	
5	2	7	83.3	1018		3.73871	
6	2	7	75.8	1145		4.377141	
7	1	7	58.9			4.96562	
8	2	7	53	1415		5.535566	
9	3	7	89.5	1106	1078	6.159875	1
10	3	7	71.4	1698	1824	6.806107	
11	2	7	74.6	1241		7.058082	
12	3	7	60.7	1118	1454	7.694582	
13	2	7	59.1	1379		8.736436	
14	3	7	64.1	1721	1705	8.996574	
15	1	7	83.7			10.004914	
16	2	7	72.1	1010		10.243968	
17	3	7	80.5	1330	1187	11.329868	
18	3	7	62	1506	1184	11.970548	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	95.2			0.023448	
1	2	8	73.7	1617		1.037316	
2	2	8	96.1	1403		1.583818	
3	3	8	71.7	1521	1846	2.209072	
4	2	8	51	1548		2.647334	
5	1	8	81.2			3.752086	
6	1	8	58.2			3.82733	
7	1	8	83.1			4.487086	
8	2	8	97.6	1068		5.329967	
9	3	8	65.4	1051	1149	6.199766	1
10	2	8	62.3	1127		6.447803	
11	3	8	93.1	1599	1154	6.973132	
12	2	8	69.1	1496		8.202231	
13	3	8	67.7	1803	1924	8.373732	
14	3	8	76.1	1255	1961	9.06201	
15	3	8	94.5	1621	1368	9.677227	
16	2	8	67	1381		10.363642	
17	1	8	65.3			11.225608	
18	3	8	55.3	1873	1608	11.586195	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	75.4			0.800522	
1	3	20	71	1743	1503	1.317128	
2	1	20	50.1			2.489341	
3	3	20	80.1	1975	1892	4.075674	
4	1	20	80.2			4.367843	
5	2	20	67	1354		5.830802	1
6	2	20	54.5	1342		6.687562	
7	2	20	67.5	1912		7.999073	
8	2	20	59.1	1302		9.026139	
9	1	20	59.6			10.325283	
10	2	20	60.5	1830		11.293632	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	61.2			0.898403	
1	2	11	69.1	1930		1.349692	
2	1	11	57.8			2.669688	
3	3	11	79.4	1431	1188	4.358106	
4	2	11	80.5	1786		4.526238	
5	1	11	83.1			6.330458	1
6	2	11	62.4	1335		7.514289	
7	1	11	78.4			7.970593	
8	1	11	50.7			9.669857	
9	3	11	74.9	1100	1580	9.886494	
10	2	11	66	1940		11.534876	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	57.1	1396		0.221839	
1	2	8	78.8	1996		1.618221	
2	3	8	64.1	1124	1478	2.858381	
3	3	8	51.6	1057	1977	3.878019	
4	3	8	75.1	1103	1655	5.245061	
5	1	8	76.5			6.002183	1
6	2	8	50.1	1569		7.348534	
7	3	8	50.6	1546	1944	8.397512	
8	2	8	71	1684		9.453163	
9	2	8	55.1	1886		9.870629	
10	2	8	70.4	1872		11.042648	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	65.8			0.999403	
1	2	7	76.8	1585		1.411094	
2	1	7	51.3			2.664102	
3	2	7	90.7	1772		4.051102	
4	2	7	65	1031		4.367492	
5	2	7	88.5	1548		5.545034	1
6	2	7	86.6	1571		6.58451	
7	1	7	67.1			8.316756	
8	2	7	68	1229		9.76318	
9	1	7	56.8			10.140155	
10	3	7	79.3	1503	1282	11.130577	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	91.7			0.006758	
1	2	15	81.4	1763		1.197131	
2	1	15	56.3			1.991061	
3	3	15	57.3	1277	1049	2.198947	
4	2	15	86.7	1519		3.271234	
5	1	15	96.5			3.82551	
6	2	15	73.9	1958		4.206769	
7	2	15	73.7	1705		5.13531	
8	3	15	60	1447	1549	5.68286	
9	1	15	78.3			6.086389	1
10	2	15	80.4	1936		6.794624	
11	2	15	73.3	1001		7.994058	
12	2	15	77.6	1075		8.526411	
13	2	15	90.3	1507		8.942621	
14	2	15	73.7	1809		9.658128	
15	2	15	96.4	1884		10.371664	
16	1	15	52.3			11.187452	
17	2	15	94.1	1361		11.622347	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	91.6	1989		1.027582	
1	1	13	54.8			2.123297	
2	2	13	65.4	1619		3.728808	
3	3	13	86	1738	1506	4.704086	
4	1	13	73.6			5.651579	1
5	2	13	62	1661		7.025881	
6	1	13	77.4			8.255744	
7	2	13	61.3	1127		9.752083	
8	2	13	64.8	1404		11.717362	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	50.2	1519		0.159637	
1	1	7	62.9			1.056404	
2	2	7	53.3	1446		2.62937	
3	2	7	92	1369		3.258733	
4	1	7	60.9			4.55474	
5	1	7	56.1			4.990387	
6	2	7	90.5	1723		5.646175	1
7	1	7	62.1			6.94807	
8	3	7	57.2	1453	1735	7.924467	
9	3	7	81.4	1367	1573	8.43028	
10	2	7	98.3	1837		9.753887	
11	1	7	95.3			10.470708	
12	2	7	84.2	1675		11.321053	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	53	1861	1609	0.129755	
1	1	16	68.9			2.022588	
2	3	16	92	1093	1175	2.779905	
3	3	16	55.3	1050	1854	3.430814	
4	3	16	87	1320	1347	4.929582	
5	2	16	78.3	1731		5.67816	1
6	2	16	60	1156		7.455718	
7	2	16	55.1	1391		7.688779	
8	1	16	81.3			9.37157	
9	1	16	55.8			10.06995	
10	1	16	85.9			11.294012	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	72	1671	1609	0.77749	
1	2	9	87.3	1346		1.119512	
2	2	9	50.3	1330		1.989248	
3	1	9	51.3			3.198298	
4	2	9	90.1	1848		3.776672	
5	2	9	56.6	1443		5.492195	
6	3	9	60	1744	1026	6.437584	1
7	1	9	74.2			7.327054	
8	3	9	90.7	1828	1732	7.831754	
9	2	9	92.9	1993		8.659689	
10	2	9	63.7	1586		9.919556	
11	3	9	87.3	1324	1346	10.674369	
12	3	9	57	1755	1756	11.943666	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	85.1	1924	1840	0.373169	
1	2	12	84.8	1499		0.922682	
2	1	12	79.9			1.603966	
3	3	12	63.1	1219	1583	2.160606	
4	3	12	90.8	1131	1325	2.827792	
5	3	12	99.8	1472	1025	3.521136	
6	2	12	81.9	1301		4.086738	
7	2	12	92.7	1898		4.779388	
8	2	12	96.8	1056		5.608451	
9	2	12	95.6	1583		6.216564	1
10	2	12	78.9	1814		7.162629	
11	1	12	88.2			7.679414	
12	1	12	52.1			8.184669	
13	2	12	77.5	1730		9.241728	
14	2	12	60.3	1142		9.966297	
15	1	12	56.1			10.330342	
16	2	12	85.6	1279		11.327905	
17	2	12	96.1	1936		11.442491	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	84	1671		0.380237	
1	1	12	83.7			1.04853	
2	3	12	64.6	1695	1655	1.548796	
3	3	12	94.9	1030	1355	2.430153	
4	2	12	79.4	1011		3.035921	
5	3	12	63.6	1777	1123	3.990004	
6	2	12	71.1	1515		4.528304	
7	2	12	81	1646		5.092638	
8	2	12	75.9	1617		5.758495	1
9	2	12	91.1	1921		6.712295	
10	3	12	91.8	1652	1703	7.11258	
11	2	12	65.4	1276		8.092767	
12	2	12	53.8	1945		8.886257	
13	3	12	54.1	1958	1546	9.754833	
14	1	12	98			10.077393	
15	3	12	70.7	1374	1234	10.608508	
16	3	12	97.2	1953	1029	11.356313	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	82.2	1711	1399	0.807112	1
1	2	18	50.5	1510		2.160278	
2	3	18	53.8	1158	1703	2.642362	
3	3	18	62.7	1992	1386	3.82696	
4	1	18	59.9			4.522734	
5	3	18	55.6	1626	1368	6.13833	
6	2	18	53.7	1474		6.636081	
7	3	18	74.2	1545	1366	7.7437	
8	2	18	88.8	1050		9.604424	
9	3	18	86.3	1584	1876	10.152131	
10	1	18	65			11.126194	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	16	71.6			0.128552	1
1	2	16	66.6	1850		1.03145	
2	1	16	77.3			2.52348	
3	2	16	62.3	1455		3.40688	
4	2	16	75.1	1527		4.514297	
5	3	16	99.9	1225	1625	5.230053	
6	1	16	78.3			6.251994	
7	1	16	51.6			6.488189	
8	3	16	89.9	1846	1205	7.559269	
9	3	16	99.5	1817	1432	9.159978	
10	2	16	92	1432		10.067594	
11	2	16	71.8	1829		10.621145	
12	2	16	80.7	1949		11.487662	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	94.4			0.618262	
1	1	12	52.4			0.829299	
2	1	12	87.7			2.06371	
3	3	12	76.2	1245	1951	2.208886	
4	1	12	63.6			3.386201	
5	2	12	64.3	1594		3.592354	
6	2	12	85.6	1218		4.592958	
7	2	12	74.2	1103		5.597416	
8	2	12	81.9	1644		6.296961	1
9	1	12	78.7			6.364464	
10	2	12	55.4	1185		7.327768	
11	2	12	83.8	1041		8.284857	
12	2	12	81.1	1198		9.168925	
13	2	12	61.4	1384		9.387945	
14	1	12	53.4			9.917832	
15	2	12	61.9	1982		10.792668	
16	3	12	56.6	1560	1123	11.663638	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	63.3	1479	1206	1.1114	
1	3	9	71.8	1767	1316	1.378785	
2	2	9	82.3	1973		3.30936	
3	3	9	63.2	1996	1989	4.746343	
4	1	9	80			5.870917	
5	3	9	89.3	1866	1680	6.696971	1
6	3	9	94	1173	1247	8.226835	
7	3	9	91	1318	1549	8.670313	
8	2	9	64	1938		9.671179	
9	3	9	58	1895	1340	11.264723	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	50.1	1034		0.293873	
1	1	14	51.8			0.961166	
2	2	14	71.4	1078		1.644462	
3	2	14	85.2	1826		2.220911	
4	2	14	72.3	1318		3.000618	
5	2	14	54.5	1140		3.462702	
6	2	14	85	1320		4.251535	
7	2	14	98.8	1288		4.657757	
8	2	14	61.4	1520		5.432672	
9	3	14	63.9	1807	1320	5.753233	1
10	3	14	82	1002	1850	6.507726	
11	3	14	58.4	1713	1095	7.470327	
12	2	14	61	1011		7.738661	
13	2	14	81.8	1896		8.507395	
14	1	14	69.6			9.219149	
15	2	14	76.1	1287		9.952769	
16	2	14	92.6	1049		10.228032	
17	2	14	87.9	1157		10.981581	
18	2	14	97	1171		11.85252	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	81.5	1625	1272	0.187337	1
1	2	11	92.7	1691		1.384347	
2	2	11	83.1	1205		3.039271	
3	2	11	92.5	1856		4.435461	
4	3	11	73.6	1949	1466	4.956356	
5	2	11	73	1149		6.324621	
6	2	11	69.2	1136		8.315815	
7	1	11	97.9			9.499047	
8	1	11	66.3			9.664033	
9	3	11	75.9	1850	1748	11.891883	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	72.5			0.149878	1
1	1	9	93.7			0.823924	
2	2	9	57.3	1152		2.019873	
3	1	9	94			3.091761	
4	2	9	56.4	1097		3.627065	
5	1	9	95			4.425517	
6	1	9	73.7			5.546973	
7	2	9	76.2	1470		6.117396	
8	2	9	77.9	1675		7.194225	
9	1	9	76.4			7.842272	
10	1	9	99.9			8.498068	
11	1	9	98.4			8.802351	
12	1	9	65.4			9.987588	
13	3	9	51.1	1129	1308	10.864407	
14	2	9	66.6	1091		11.720348	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	66.6	1795		0.042796	
1	2	14	71.6	1267		1.288038	
2	1	14	60.2			2.250578	
3	2	14	98.1	1611		2.438327	
4	2	14	54.2	1478		3.848322	
5	1	14	90.7			4.260818	
6	1	14	84.3			5.345499	
7	2	14	58.9	1088		6.089142	1
8	3	14	55.5	1050	1761	6.628332	
9	2	14	77.2	1030		7.675895	
10	1	14	98.8			8.36621	
11	2	14	88.4	1510		9.545394	
12	1	14	63.6			10.249455	
13	1	14	56.6			10.611243	
14	2	14	75.8	1400		11.796628	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	82.5	1081	1504	0.516105	
1	2	10	87	1624		1.446375	
2	3	10	94.9	1603	1451	1.557479	
3	3	10	95.1	1730	1755	2.557048	
4	1	10	57.8			3.493501	
5	2	10	79.6	1601		3.956952	
6	1	10	92.4			4.578535	
7	1	10	66.7			5.709561	
8	1	10	64.5			6.314302	1
9	1	10	88.8			7.04258	
10	1	10	55.4			7.921152	
11	3	10	67.7	1964	1831	8.868656	
12	1	10	77.6			9.002496	
13	2	10	78.4	1467		10.350939	
14	3	10	99.2	1637	1687	11.112455	
15	3	10	83.6	1129	1363	11.611239	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5270	9	1	333	1	5678.0, 5677.0, 5374.0, 5637.0, 5256.0, 5329.0, 5715.0, 5418.0, 5297.0, 5568.0, 5379.0, 5682.0, 5363.0, 5287.0, 5491.0, 5382.0, 5335.0, 5352.0, 5421.0, 5386.0, 5280.0, 5404.0, 5605.0, 5402.0, 5598.0, 5634.0, 5430.0, 5589.0, 5604.0, 5551.0, 5441.0, 5562.0, 5325.0, 5283.0, 5710.0, 5424.0, 5585.0, 5413.0, 5453.0, 5420.0, 5391.0, 5375.0, 5557.0, 5686.0, 5455.0, 5427.0, 5372.0, 5713.0, 5716.0, 5679.0, 5355.0, 5452.0, 5436.0, 5314.0, 5556.0, 5550.0, 5479.0, 5293.0, 5466.0, 5615.0, 5582.0, 5348.0, 5323.0, 5701.0, 5647.0, 5481.0, 5253.0, 5680.0, 5593.0, 5707.0, 5519.0, 5609.0, 5299.0, 5380.0, 5534.0, 5273.0, 5428.0, 5377.0, 5405.0, 5719.0, 5549.0, 5672.0, 5573.0, 5595.0, 5251.0, 5326.0, 5603.0, 5596.0, 5423.0, 5612.0, 5597.0, 5675.0, 5617.0, 5419.0, 5480.0, 5384.0, 5588.0, 5483.0, 5393.0, 5699.0 (number of hits: 6)
2	5270	9	1	333	1	5523.0, 5353.0, 5542.0, 5255.0, 5650.0, 5422.0, 5326.0, 5328.0, 5667.0, 5393.0, 5442.0, 5379.0, 5634.0, 5308.0, 5482.0, 5301.0, 5604.0, 5488.0, 5275.0, 5348.0, 5359.0, 5357.0, 5394.0, 5557.0, 5363.0, 5713.0, 5593.0, 5349.0, 5434.0, 5641.0, 5462.0, 5402.0, 5697.0, 5694.0, 5670.0, 5630.0, 5453.0, 5499.0, 5398.0, 5578.0, 5538.0, 5570.0, 5265.0, 5666.0, 5579.0, 5649.0, 5309.0, 5314.0, 5522.0, 5575.0, 5505.0, 5312.0, 5319.0, 5430.0, 5674.0, 5574.0, 5510.0, 5387.0, 5721.0, 5444.0, 5292.0, 5284.0, 5690.0, 5661.0, 5550.0, 5530.0, 5601.0, 5567.0, 5514.0, 5358.0, 5580.0, 5587.0, 5347.0, 5285.0, 5591.0, 5269.0, 5277.0, 5543.0, 5424.0, 5476.0, 5410.0, 5506.0, 5282.0, 5686.0, 5494.0, 5554.0, 5336.0, 5258.0, 5489.0, 5407.0, 5253.0, 5545.0, 5695.0, 5680.0, 5701.0, 5672.0, 5508.0, 5685.0, 5318.0, 5622.0 (number of hits: 10)
3	5270	9	1	333	1	5553.0, 5509.0, 5401.0, 5287.0, 5619.0, 5286.0, 5607.0, 5615.0, 5576.0, 5578.0, 5365.0, 5682.0, 5719.0, 5431.0, 5521.0, 5472.0, 5428.0, 5262.0, 5532.0, 5370.0, 5484.0, 5317.0, 5406.0, 5703.0, 5711.0, 5596.0, 5256.0, 5381.0, 5369.0, 5600.0, 5361.0, 5437.0, 5724.0, 5379.0, 5303.0, 5451.0, 5336.0, 5618.0, 5492.0, 5360.0, 5647.0, 5515.0, 5424.0, 5634.0, 5316.0, 5670.0, 5294.0, 5537.0, 5284.0, 5502.0, 5313.0, 5388.0, 5395.0, 5485.0, 5528.0, 5681.0, 5522.0, 5623.0, 5291.0, 5353.0,

						5702.0, 5425.0, 5351.0, 5363.0, 5684.0, 5540.0, 5304.0, 5476.0, 5635.0, 5609.0, 5394.0, 5541.0, 5385.0, 5444.0, 5412.0, 5270.0, 5572.0, 5525.0, 5698.0, 5721.0, 5306.0, 5652.0, 5663.0, 5589.0, 5408.0, 5686.0, 5478.0, 5341.0, 5630.0, 5717.0, 5538.0, 5482.0, 5694.0, 5292.0, 5671.0, 5555.0, 5687.0, 5662.0, 5375.0, 5507.0 (number of hits: 6)
4	5270	9	1	333	1	5443.0, 5375.0, 5286.0, 5682.0, 5280.0, 5340.0, 5689.0, 5624.0, 5713.0, 5445.0, 5618.0, 5480.0, 5262.0, 5579.0, 5453.0, 5281.0, 5612.0, 5435.0, 5635.0, 5717.0, 5597.0, 5312.0, 5533.0, 5511.0, 5323.0, 5712.0, 5263.0, 5425.0, 5401.0, 5411.0, 5420.0, 5520.0, 5267.0, 5498.0, 5367.0, 5474.0, 5274.0, 5641.0, 5679.0, 5532.0, 5338.0, 5553.0, 5301.0, 5499.0, 5627.0, 5257.0, 5482.0, 5695.0, 5362.0, 5358.0, 5371.0, 5644.0, 5368.0, 5662.0, 5372.0, 5390.0, 5545.0, 5344.0, 5448.0, 5400.0, 5595.0, 5429.0, 5677.0, 5524.0, 5402.0, 5711.0, 5691.0, 5477.0, 5613.0, 5674.0, 5632.0, 5628.0, 5288.0, 5317.0, 5331.0, 5305.0, 5253.0, 5294.0, 5668.0, 5512.0, 5478.0, 5669.0, 5687.0, 5271.0, 5496.0, 5673.0, 5514.0, 5513.0, 5284.0, 5361.0, 5610.0, 5391.0, 5382.0, 5593.0, 5621.0, 5560.0, 5354.0, 5543.0, 5452.0, 5707.0 (number of hits: 11)
5	5270	9	1	333	1	5399.0, 5696.0, 5539.0, 5703.0, 5379.0, 5432.0, 5503.0, 5552.0, 5265.0, 5363.0, 5390.0, 5298.0, 5723.0, 5651.0, 5644.0, 5362.0, 5634.0, 5340.0, 5374.0, 5575.0, 5682.0, 5592.0, 5702.0, 5600.0, 5309.0, 5425.0, 5706.0, 5519.0, 5474.0, 5267.0, 5364.0, 5717.0, 5472.0, 5637.0, 5480.0, 5612.0, 5721.0, 5538.0, 5384.0, 5683.0, 5414.0, 5389.0, 5387.0, 5535.0, 5273.0, 5699.0, 5632.0, 5643.0, 5568.0, 5585.0, 5676.0, 5465.0, 5421.0, 5619.0, 5558.0, 5627.0, 5556.0, 5708.0, 5671.0, 5319.0, 5571.0, 5373.0, 5430.0, 5457.0, 5713.0, 5526.0, 5577.0, 5423.0, 5680.0, 5500.0, 5315.0, 5711.0, 5617.0, 5312.0, 5272.0, 5596.0, 5611.0, 5513.0, 5487.0, 5606.0, 5533.0, 5274.0, 5689.0, 5629.0, 5460.0, 5494.0, 5348.0, 5451.0, 5674.0, 5570.0, 5456.0, 5518.0, 5686.0, 5724.0, 5709.0, 5633.0, 5276.0, 5459.0, 5367.0, 5300.0 (number of hits: 6)
6	5270	9	1	333	1	5596.0, 5674.0, 5620.0, 5388.0, 5492.0, 5602.0, 5291.0, 5357.0, 5612.0, 5549.0, 5405.0, 5397.0, 5697.0, 5401.0, 5551.0, 5515.0, 5330.0, 5394.0, 5378.0, 5550.0, 5412.0, 5540.0, 5473.0, 5644.0, 5262.0, 5714.0, 5341.0, 5393.0, 5571.0, 5369.0, 5556.0, 5554.0, 5292.0, 5298.0, 5659.0, 5273.0, 5413.0, 5408.0, 5452.0, 5464.0, 5715.0, 5496.0, 5568.0, 5320.0, 5260.0,

						5299.0, 5387.0, 5327.0, 5334.0, 5361.0, 5570.0, 5567.0, 5336.0, 5578.0, 5595.0, 5366.0, 5482.0, 5289.0, 5577.0, 5631.0, 5704.0, 5418.0, 5564.0, 5290.0, 5353.0, 5676.0, 5345.0, 5360.0, 5251.0, 5687.0, 5258.0, 5609.0, 5718.0, 5619.0, 5470.0, 5307.0, 5646.0, 5618.0, 5252.0, 5326.0, 5599.0, 5663.0, 5660.0, 5308.0, 5466.0, 5635.0, 5322.0, 5368.0, 5419.0, 5586.0, 5264.0, 5319.0, 5498.0, 5669.0, 5543.0, 5636.0, 5552.0, 5456.0, 5592.0, 5648.0 (number of hits: 6)
7	5270	9	1	333	1	5466.0, 5649.0, 5697.0, 5296.0, 5484.0, 5482.0, 5374.0, 5258.0, 5413.0, 5704.0, 5678.0, 5480.0, 5611.0, 5654.0, 5544.0, 5424.0, 5510.0, 5331.0, 5303.0, 5584.0, 5499.0, 5451.0, 5475.0, 5365.0, 5429.0, 5349.0, 5398.0, 5474.0, 5501.0, 5551.0, 5276.0, 5377.0, 5443.0, 5379.0, 5540.0, 5325.0, 5523.0, 5416.0, 5403.0, 5428.0, 5394.0, 5464.0, 5568.0, 5270.0, 5685.0, 5338.0, 5600.0, 5690.0, 5467.0, 5606.0, 5346.0, 5292.0, 5438.0, 5427.0, 5436.0, 5548.0, 5328.0, 5672.0, 5256.0, 5563.0, 5485.0, 5597.0, 5616.0, 5538.0, 5308.0, 5487.0, 5624.0, 5410.0, 5639.0, 5370.0, 5586.0, 5505.0, 5281.0, 5469.0, 5701.0, 5439.0, 5596.0, 5299.0, 5498.0, 5614.0, 5561.0, 5679.0, 5473.0, 5632.0, 5527.0, 5479.0, 5686.0, 5594.0, 5310.0, 5397.0, 5456.0, 5621.0, 5670.0, 5336.0, 5648.0, 5508.0, 5269.0, 5521.0, 5522.0, 5627.0 (number of hits: 6)
8	5270	9	1	333	1	5586.0, 5650.0, 5263.0, 5281.0, 5667.0, 5421.0, 5270.0, 5652.0, 5624.0, 5506.0, 5638.0, 5612.0, 5501.0, 5327.0, 5378.0, 5628.0, 5678.0, 5679.0, 5416.0, 5601.0, 5602.0, 5512.0, 5585.0, 5698.0, 5704.0, 5334.0, 5343.0, 5430.0, 5318.0, 5272.0, 5547.0, 5406.0, 5387.0, 5690.0, 5347.0, 5608.0, 5460.0, 5655.0, 5472.0, 5456.0, 5469.0, 5569.0, 5467.0, 5260.0, 5422.0, 5441.0, 5633.0, 5255.0, 5705.0, 5331.0, 5396.0, 5663.0, 5464.0, 5662.0, 5521.0, 5377.0, 5713.0, 5458.0, 5594.0, 5442.0, 5437.0, 5316.0, 5279.0, 5250.0, 5285.0, 5671.0, 5348.0, 5476.0, 5518.0, 5530.0, 5634.0, 5695.0, 5433.0, 5541.0, 5269.0, 5576.0, 5373.0, 5714.0, 5549.0, 5636.0, 5639.0, 5692.0, 5686.0, 5274.0, 5660.0, 5384.0, 5436.0, 5363.0, 5332.0, 5423.0, 5580.0, 5253.0, 5278.0, 5350.0, 5570.0, 5721.0, 5540.0, 5700.0, 5611.0, 5431.0 (number of hits: 12)
9	5270	9	1	333	1	5591.0, 5556.0, 5394.0, 5373.0, 5288.0, 5510.0, 5308.0, 5469.0, 5270.0, 5398.0, 5411.0, 5538.0, 5264.0, 5513.0, 5337.0, 5660.0, 5706.0, 5654.0, 5380.0, 5678.0, 5352.0, 5345.0, 5292.0, 5609.0, 5418.0, 5633.0, 5651.0, 5687.0, 5259.0, 5289.0,

						5385.0, 5397.0, 5470.0, 5720.0, 5391.0, 5544.0, 5548.0, 5647.0, 5313.0, 5520.0, 5378.0, 5267.0, 5537.0, 5464.0, 5498.0, 5560.0, 5627.0, 5459.0, 5457.0, 5656.0, 5531.0, 5283.0, 5593.0, 5347.0, 5719.0, 5700.0, 5389.0, 5254.0, 5458.0, 5393.0, 5539.0, 5673.0, 5608.0, 5596.0, 5439.0, 5260.0, 5545.0, 5618.0, 5316.0, 5666.0, 5255.0, 5342.0, 5625.0, 5351.0, 5551.0, 5671.0, 5667.0, 5701.0, 5541.0, 5423.0, 5722.0, 5396.0, 5462.0, 5285.0, 5669.0, 5407.0, 5588.0, 5503.0, 5381.0, 5604.0, 5405.0, 5592.0, 5492.0, 5334.0, 5323.0, 5568.0, 5436.0, 5689.0, 5310.0, 5629.0 (number of hits: 9)
10	5270	9	1	333	1	5311.0, 5355.0, 5691.0, 5316.0, 5398.0, 5535.0, 5408.0, 5718.0, 5399.0, 5635.0, 5450.0, 5272.0, 5673.0, 5693.0, 5456.0, 5281.0, 5630.0, 5319.0, 5699.0, 5527.0, 5435.0, 5317.0, 5288.0, 5331.0, 5548.0, 5406.0, 5679.0, 5290.0, 5606.0, 5470.0, 5557.0, 5258.0, 5378.0, 5712.0, 5525.0, 5295.0, 5701.0, 5356.0, 5558.0, 5710.0, 5357.0, 5332.0, 5264.0, 5345.0, 5326.0, 5676.0, 5498.0, 5627.0, 5421.0, 5391.0, 5555.0, 5453.0, 5551.0, 5304.0, 5603.0, 5381.0, 5490.0, 5591.0, 5343.0, 5475.0, 5618.0, 5415.0, 5458.0, 5442.0, 5434.0, 5501.0, 5344.0, 5412.0, 5717.0, 5286.0, 5321.0, 5418.0, 5454.0, 5565.0, 5683.0, 5299.0, 5543.0, 5518.0, 5614.0, 5431.0, 5315.0, 5265.0, 5460.0, 5496.0, 5669.0, 5464.0, 5329.0, 5403.0, 5309.0, 5605.0, 5707.0, 5632.0, 5334.0, 5482.0, 5379.0, 5668.0, 5573.0, 5461.0, 5656.0, 5700.0 (number of hits: 6)
11	5270	9	1	333	1	5484.0, 5356.0, 5462.0, 5453.0, 5407.0, 5371.0, 5640.0, 5384.0, 5347.0, 5424.0, 5401.0, 5689.0, 5340.0, 5639.0, 5720.0, 5560.0, 5439.0, 5660.0, 5594.0, 5541.0, 5255.0, 5414.0, 5301.0, 5268.0, 5722.0, 5715.0, 5339.0, 5567.0, 5373.0, 5566.0, 5447.0, 5548.0, 5589.0, 5402.0, 5483.0, 5442.0, 5667.0, 5318.0, 5317.0, 5408.0, 5585.0, 5455.0, 5261.0, 5337.0, 5681.0, 5480.0, 5437.0, 5423.0, 5598.0, 5326.0, 5535.0, 5647.0, 5351.0, 5522.0, 5696.0, 5559.0, 5599.0, 5579.0, 5448.0, 5391.0, 5680.0, 5693.0, 5411.0, 5576.0, 5360.0, 5626.0, 5519.0, 5328.0, 5608.0, 5656.0, 5506.0, 5370.0, 5396.0, 5265.0, 5558.0, 5335.0, 5627.0, 5638.0, 5618.0, 5587.0, 5495.0, 5288.0, 5550.0, 5586.0, 5253.0, 5329.0, 5346.0, 5590.0, 5274.0, 5497.0, 5386.0, 5655.0, 5405.0, 5474.0, 5282.0, 5449.0, 5310.0, 5603.0, 5349.0, 5463.0 (number of hits: 7)
12	5270	9	1	333	1	5319.0, 5695.0, 5512.0, 5693.0, 5273.0, 5644.0, 5566.0, 5541.0, 5591.0, 5395.0, 5284.0, 5286.0, 5531.0, 5424.0, 5694.0,

						5267.0, 5465.0, 5264.0, 5250.0, 5339.0, 5448.0, 5311.0, 5454.0, 5440.0, 5394.0, 5565.0, 5378.0, 5618.0, 5698.0, 5253.0, 5470.0, 5438.0, 5468.0, 5535.0, 5381.0, 5355.0, 5654.0, 5460.0, 5361.0, 5615.0, 5648.0, 5579.0, 5588.0, 5498.0, 5307.0, 5700.0, 5647.0, 5452.0, 5571.0, 5536.0, 5633.0, 5551.0, 5642.0, 5578.0, 5453.0, 5502.0, 5534.0, 5425.0, 5427.0, 5372.0, 5254.0, 5712.0, 5655.0, 5653.0, 5336.0, 5340.0, 5667.0, 5487.0, 5478.0, 5330.0, 5561.0, 5540.0, 5676.0, 5490.0, 5527.0, 5716.0, 5290.0, 5408.0, 5473.0, 5315.0, 5519.0, 5294.0, 5636.0, 5252.0, 5380.0, 5715.0, 5659.0, 5497.0, 5422.0, 5658.0, 5308.0, 5652.0, 5303.0, 5610.0, 5494.0, 5442.0, 5514.0, 5353.0, 5621.0, 5344.0 (number of hits: 8)
13	5270	9	1	333	1	5425.0, 5262.0, 5654.0, 5306.0, 5393.0, 5652.0, 5693.0, 5389.0, 5673.0, 5494.0, 5548.0, 5443.0, 5311.0, 5647.0, 5699.0, 5509.0, 5649.0, 5439.0, 5299.0, 5510.0, 5297.0, 5371.0, 5600.0, 5417.0, 5327.0, 5373.0, 5258.0, 5332.0, 5338.0, 5607.0, 5276.0, 5286.0, 5277.0, 5601.0, 5461.0, 5473.0, 5586.0, 5565.0, 5298.0, 5593.0, 5694.0, 5318.0, 5421.0, 5360.0, 5511.0, 5709.0, 5285.0, 5355.0, 5331.0, 5715.0, 5364.0, 5714.0, 5329.0, 5401.0, 5635.0, 5592.0, 5431.0, 5289.0, 5292.0, 5469.0, 5680.0, 5546.0, 5303.0, 5609.0, 5540.0, 5357.0, 5655.0, 5418.0, 5626.0, 5518.0, 5547.0, 5441.0, 5682.0, 5267.0, 5629.0, 5712.0, 5521.0, 5589.0, 5661.0, 5705.0, 5282.0, 5342.0, 5482.0, 5468.0, 5568.0, 5422.0, 5472.0, 5514.0, 5556.0, 5499.0, 5602.0, 5660.0, 5627.0, 5288.0, 5325.0, 5314.0, 5467.0, 5640.0, 5718.0, 5428.0 (number of hits: 8)
14	5270	9	1	333	1	5445.0, 5370.0, 5422.0, 5659.0, 5657.0, 5323.0, 5425.0, 5253.0, 5624.0, 5281.0, 5376.0, 5543.0, 5421.0, 5591.0, 5401.0, 5360.0, 5436.0, 5527.0, 5409.0, 5257.0, 5429.0, 5358.0, 5630.0, 5384.0, 5609.0, 5546.0, 5263.0, 5692.0, 5531.0, 5544.0, 5390.0, 5423.0, 5474.0, 5607.0, 5541.0, 5287.0, 5256.0, 5375.0, 5566.0, 5512.0, 5552.0, 5444.0, 5308.0, 5262.0, 5280.0, 5336.0, 5437.0, 5361.0, 5486.0, 5634.0, 5389.0, 5560.0, 5723.0, 5293.0, 5570.0, 5441.0, 5582.0, 5277.0, 5469.0, 5645.0, 5511.0, 5720.0, 5539.0, 5453.0, 5562.0, 5359.0, 5266.0, 5502.0, 5665.0, 5272.0, 5516.0, 5625.0, 5259.0, 5398.0, 5534.0, 5554.0, 5365.0, 5434.0, 5673.0, 5583.0, 5339.0, 5300.0, 5382.0, 5551.0, 5571.0, 5340.0, 5655.0, 5505.0, 5557.0, 5635.0, 5410.0, 5392.0, 5540.0, 5466.0, 5342.0, 5473.0, 5503.0, 5687.0, 5638.0, 5327.0 (number of hits: 12)

15	5270	9	1	333	1	5565.0, 5596.0, 5322.0, 5707.0, 5435.0, 5426.0, 5537.0, 5669.0, 5301.0, 5305.0, 5623.0, 5256.0, 5575.0, 5370.0, 5473.0, 5364.0, 5670.0, 5359.0, 5419.0, 5552.0, 5273.0, 5471.0, 5683.0, 5365.0, 5437.0, 5290.0, 5299.0, 5572.0, 5478.0, 5447.0, 5482.0, 5446.0, 5675.0, 5491.0, 5494.0, 5323.0, 5311.0, 5716.0, 5490.0, 5303.0, 5394.0, 5710.0, 5577.0, 5652.0, 5689.0, 5408.0, 5330.0, 5548.0, 5430.0, 5619.0, 5316.0, 5613.0, 5338.0, 5464.0, 5528.0, 5570.0, 5334.0, 5453.0, 5288.0, 5320.0, 5396.0, 5634.0, 5532.0, 5646.0, 5525.0, 5687.0, 5304.0, 5277.0, 5557.0, 5252.0, 5686.0, 5704.0, 5293.0, 5505.0, 5387.0, 5459.0, 5645.0, 5718.0, 5486.0, 5606.0, 5588.0, 5586.0, 5475.0, 5496.0, 5524.0, 5263.0, 5510.0, 5267.0, 5384.0, 5563.0, 5526.0, 5607.0, 5423.0, 5638.0, 5366.0, 5561.0, 5403.0, 5598.0, 5313.0, 5659.0 (number of hits: 6)
16	5270	9	1	333	1	5310.0, 5631.0, 5383.0, 5480.0, 5633.0, 5447.0, 5409.0, 5718.0, 5491.0, 5427.0, 5444.0, 5705.0, 5265.0, 5301.0, 5450.0, 5716.0, 5413.0, 5297.0, 5274.0, 5332.0, 5500.0, 5498.0, 5616.0, 5457.0, 5267.0, 5348.0, 5432.0, 5540.0, 5655.0, 5522.0, 5275.0, 5286.0, 5662.0, 5390.0, 5452.0, 5714.0, 5534.0, 5547.0, 5564.0, 5499.0, 5668.0, 5621.0, 5597.0, 5689.0, 5296.0, 5555.0, 5521.0, 5685.0, 5578.0, 5371.0, 5270.0, 5556.0, 5687.0, 5619.0, 5436.0, 5554.0, 5353.0, 5253.0, 5648.0, 5322.0, 5369.0, 5545.0, 5599.0, 5696.0, 5629.0, 5643.0, 5304.0, 5280.0, 5281.0, 5359.0, 5558.0, 5664.0, 5321.0, 5263.0, 5300.0, 5273.0, 5486.0, 5624.0, 5513.0, 5709.0, 5574.0, 5706.0, 5284.0, 5585.0, 5356.0, 5477.0, 5715.0, 5328.0, 5343.0, 5326.0, 5344.0, 5654.0, 5475.0, 5320.0, 5456.0, 5582.0, 5504.0, 5680.0, 5445.0, 5354.0 (number of hits: 12)
17	5270	9	1	333	1	5545.0, 5428.0, 5435.0, 5331.0, 5438.0, 5437.0, 5696.0, 5566.0, 5533.0, 5671.0, 5341.0, 5292.0, 5431.0, 5513.0, 5578.0, 5293.0, 5464.0, 5368.0, 5666.0, 5315.0, 5537.0, 5720.0, 5457.0, 5569.0, 5490.0, 5379.0, 5253.0, 5683.0, 5625.0, 5573.0, 5274.0, 5255.0, 5710.0, 5301.0, 5459.0, 5617.0, 5380.0, 5264.0, 5408.0, 5429.0, 5708.0, 5473.0, 5351.0, 5289.0, 5677.0, 5559.0, 5678.0, 5393.0, 5309.0, 5263.0, 5370.0, 5609.0, 5342.0, 5291.0, 5454.0, 5445.0, 5480.0, 5585.0, 5485.0, 5418.0, 5272.0, 5663.0, 5362.0, 5489.0, 5324.0, 5651.0, 5520.0, 5268.0, 5261.0, 5525.0, 5521.0, 5597.0, 5715.0, 5259.0, 5487.0, 5256.0, 5419.0, 5615.0, 5451.0, 5711.0, 5394.0, 5673.0, 5358.0, 5446.0, 5442.0, 5251.0, 5648.0, 5349.0, 5387.0, 5701.0,

						5478.0, 5269.0, 5399.0, 5330.0, 5600.0, 5468.0, 5372.0, 5311.0, 5530.0, 5262.0 (number of hits: 12)
18	5270	9	1	333	1	5532.0, 5430.0, 5518.0, 5596.0, 5258.0, 5602.0, 5510.0, 5542.0, 5371.0, 5680.0, 5417.0, 5267.0, 5582.0, 5529.0, 5523.0, 5566.0, 5598.0, 5330.0, 5568.0, 5526.0, 5573.0, 5538.0, 5531.0, 5722.0, 5650.0, 5662.0, 5686.0, 5366.0, 5377.0, 5347.0, 5332.0, 5709.0, 5493.0, 5251.0, 5661.0, 5331.0, 5355.0, 5484.0, 5341.0, 5563.0, 5426.0, 5676.0, 5361.0, 5655.0, 5358.0, 5352.0, 5561.0, 5256.0, 5294.0, 5605.0, 5378.0, 5383.0, 5400.0, 5469.0, 5665.0, 5498.0, 5600.0, 5298.0, 5630.0, 5609.0, 5363.0, 5636.0, 5586.0, 5557.0, 5607.0, 5569.0, 5548.0, 5265.0, 5408.0, 5535.0, 5395.0, 5642.0, 5705.0, 5628.0, 5393.0, 5718.0, 5389.0, 5301.0, 5404.0, 5521.0, 5623.0, 5353.0, 5385.0, 5268.0, 5669.0, 5348.0, 5339.0, 5506.0, 5315.0, 5616.0, 5593.0, 5360.0, 5594.0, 5474.0, 5349.0, 5683.0, 5622.0, 5644.0, 5465.0, 5449.0 (number of hits: 5)
19	5270	9	1	333	1	5595.0, 5505.0, 5596.0, 5532.0, 5572.0, 5482.0, 5440.0, 5515.0, 5356.0, 5461.0, 5701.0, 5422.0, 5629.0, 5513.0, 5407.0, 5487.0, 5580.0, 5540.0, 5489.0, 5318.0, 5702.0, 5302.0, 5322.0, 5463.0, 5504.0, 5527.0, 5412.0, 5263.0, 5380.0, 5524.0, 5271.0, 5330.0, 5256.0, 5468.0, 5283.0, 5294.0, 5403.0, 5310.0, 5675.0, 5276.0, 5295.0, 5335.0, 5324.0, 5529.0, 5508.0, 5417.0, 5418.0, 5439.0, 5609.0, 5535.0, 5549.0, 5297.0, 5705.0, 5388.0, 5464.0, 5258.0, 5582.0, 5456.0, 5691.0, 5443.0, 5522.0, 5265.0, 5325.0, 5458.0, 5315.0, 5658.0, 5649.0, 5592.0, 5632.0, 5526.0, 5296.0, 5708.0, 5543.0, 5633.0, 5569.0, 5575.0, 5471.0, 5533.0, 5507.0, 5292.0, 5692.0, 5415.0, 5437.0, 5449.0, 5491.0, 5320.0, 5598.0, 5634.0, 5368.0, 5663.0, 5656.0, 5270.0, 5346.0, 5711.0, 5485.0, 5486.0, 5359.0, 5387.0, 5293.0, 5279.0 (number of hits: 9)
20	5270	9	1	333	1	5288.0, 5587.0, 5488.0, 5435.0, 5325.0, 5481.0, 5407.0, 5425.0, 5511.0, 5333.0, 5268.0, 5269.0, 5465.0, 5322.0, 5677.0, 5317.0, 5588.0, 5487.0, 5283.0, 5259.0, 5371.0, 5386.0, 5567.0, 5348.0, 5442.0, 5552.0, 5451.0, 5280.0, 5591.0, 5427.0, 5641.0, 5270.0, 5332.0, 5262.0, 5557.0, 5380.0, 5687.0, 5315.0, 5660.0, 5586.0, 5541.0, 5674.0, 5513.0, 5719.0, 5502.0, 5651.0, 5466.0, 5564.0, 5318.0, 5297.0, 5538.0, 5376.0, 5720.0, 5458.0, 5370.0, 5469.0, 5426.0, 5532.0, 5384.0, 5364.0, 5482.0, 5302.0, 5431.0, 5574.0, 5340.0, 5463.0, 5665.0, 5623.0, 5509.0, 5498.0, 5452.0, 5309.0, 5544.0, 5572.0, 5562.0,

						5286.0, 5415.0, 5382.0, 5667.0, 5312.0, 5604.0, 5550.0, 5436.0, 5599.0, 5647.0, 5680.0, 5570.0, 5525.0, 5495.0, 5279.0, 5520.0, 5723.0, 5433.0, 5715.0, 5250.0, 5275.0, 5395.0, 5613.0, 5718.0, 5276.0 (number of hits: 11)
21	5270	9	1	333	1	5372.0, 5717.0, 5607.0, 5587.0, 5474.0, 5352.0, 5568.0, 5439.0, 5379.0, 5265.0, 5677.0, 5412.0, 5263.0, 5586.0, 5422.0, 5348.0, 5407.0, 5593.0, 5445.0, 5665.0, 5401.0, 5347.0, 5611.0, 5542.0, 5631.0, 5521.0, 5527.0, 5290.0, 5644.0, 5342.0, 5452.0, 5300.0, 5262.0, 5580.0, 5387.0, 5256.0, 5584.0, 5572.0, 5569.0, 5695.0, 5350.0, 5264.0, 5551.0, 5588.0, 5500.0, 5522.0, 5455.0, 5380.0, 5276.0, 5368.0, 5545.0, 5462.0, 5704.0, 5512.0, 5598.0, 5391.0, 5519.0, 5605.0, 5456.0, 5356.0, 5279.0, 5434.0, 5295.0, 5405.0, 5364.0, 5567.0, 5366.0, 5446.0, 5655.0, 5576.0, 5590.0, 5693.0, 5266.0, 5365.0, 5625.0, 5566.0, 5353.0, 5661.0, 5614.0, 5457.0, 5710.0, 5577.0, 5426.0, 5367.0, 5442.0, 5540.0, 5363.0, 5592.0, 5325.0, 5386.0, 5596.0, 5358.0, 5408.0, 5433.0, 5705.0, 5451.0, 5565.0, 5472.0, 5560.0, 5700.0 (number of hits: 8)
22	5270	9	1	333	1	5660.0, 5308.0, 5496.0, 5572.0, 5333.0, 5447.0, 5414.0, 5556.0, 5477.0, 5621.0, 5711.0, 5448.0, 5685.0, 5408.0, 5699.0, 5436.0, 5604.0, 5324.0, 5507.0, 5636.0, 5655.0, 5639.0, 5587.0, 5616.0, 5454.0, 5530.0, 5637.0, 5485.0, 5265.0, 5413.0, 5578.0, 5423.0, 5349.0, 5495.0, 5631.0, 5539.0, 5330.0, 5351.0, 5575.0, 5319.0, 5493.0, 5579.0, 5341.0, 5328.0, 5451.0, 5568.0, 5344.0, 5564.0, 5669.0, 5576.0, 5409.0, 5659.0, 5288.0, 5300.0, 5560.0, 5518.0, 5455.0, 5352.0, 5400.0, 5463.0, 5700.0, 5641.0, 5577.0, 5516.0, 5322.0, 5335.0, 5460.0, 5380.0, 5688.0, 5286.0, 5622.0, 5646.0, 5462.0, 5519.0, 5404.0, 5600.0, 5468.0, 5524.0, 5514.0, 5617.0, 5471.0, 5541.0, 5480.0, 5488.0, 5573.0, 5294.0, 5306.0, 5382.0, 5482.0, 5687.0, 5679.0, 5318.0, 5558.0, 5383.0, 5619.0, 5504.0, 5567.0, 5379.0, 5365.0, 5666.0 (number of hits: 2)
23	5270	9	1	333	1	5456.0, 5377.0, 5409.0, 5505.0, 5477.0, 5372.0, 5493.0, 5325.0, 5704.0, 5632.0, 5406.0, 5693.0, 5455.0, 5458.0, 5332.0, 5553.0, 5360.0, 5709.0, 5399.0, 5678.0, 5603.0, 5625.0, 5655.0, 5658.0, 5586.0, 5684.0, 5340.0, 5481.0, 5285.0, 5259.0, 5472.0, 5644.0, 5299.0, 5686.0, 5512.0, 5447.0, 5279.0, 5690.0, 5538.0, 5310.0, 5462.0, 5321.0, 5471.0, 5475.0, 5610.0, 5619.0, 5266.0, 5487.0, 5580.0, 5293.0, 5351.0, 5636.0, 5656.0, 5547.0, 5699.0, 5364.0, 5256.0, 5552.0, 5706.0, 5692.0,

						5295.0, 5571.0, 5437.0, 5597.0, 5384.0, 5352.0, 5663.0, 5328.0, 5278.0, 5717.0, 5265.0, 5312.0, 5627.0, 5691.0, 5491.0, 5432.0, 5721.0, 5507.0, 5638.0, 5714.0, 5572.0, 5301.0, 5444.0, 5516.0, 5361.0, 5596.0, 5647.0, 5599.0, 5362.0, 5589.0, 5703.0, 5391.0, 5667.0, 5422.0, 5270.0, 5396.0, 5565.0, 5661.0, 5541.0, 5561.0 (number of hits: 8)
24	5270	9	1	333	1	5621.0, 5310.0, 5381.0, 5315.0, 5538.0, 5503.0, 5602.0, 5682.0, 5313.0, 5460.0, 5419.0, 5517.0, 5661.0, 5323.0, 5391.0, 5424.0, 5703.0, 5417.0, 5471.0, 5252.0, 5535.0, 5324.0, 5582.0, 5683.0, 5659.0, 5461.0, 5387.0, 5384.0, 5438.0, 5511.0, 5705.0, 5300.0, 5446.0, 5389.0, 5549.0, 5640.0, 5708.0, 5550.0, 5664.0, 5462.0, 5636.0, 5482.0, 5451.0, 5425.0, 5297.0, 5644.0, 5305.0, 5370.0, 5543.0, 5309.0, 5607.0, 5298.0, 5454.0, 5266.0, 5539.0, 5457.0, 5583.0, 5342.0, 5479.0, 5564.0, 5442.0, 5431.0, 5662.0, 5578.0, 5574.0, 5336.0, 5623.0, 5496.0, 5581.0, 5577.0, 5600.0, 5677.0, 5542.0, 5357.0, 5622.0, 5720.0, 5302.0, 5480.0, 5493.0, 5580.0, 5520.0, 5477.0, 5273.0, 5351.0, 5369.0, 5420.0, 5561.0, 5681.0, 5290.0, 5483.0, 5341.0, 5277.0, 5608.0, 5359.0, 5692.0, 5398.0, 5354.0, 5505.0, 5262.0, 5392.0 (number of hits: 5)
25	5270	9	1	333	1	5304.0, 5689.0, 5540.0, 5710.0, 5587.0, 5594.0, 5306.0, 5513.0, 5609.0, 5541.0, 5273.0, 5299.0, 5460.0, 5286.0, 5688.0, 5536.0, 5603.0, 5350.0, 5445.0, 5657.0, 5410.0, 5254.0, 5383.0, 5644.0, 5256.0, 5418.0, 5437.0, 5478.0, 5569.0, 5509.0, 5643.0, 5263.0, 5592.0, 5432.0, 5301.0, 5411.0, 5599.0, 5282.0, 5640.0, 5686.0, 5325.0, 5277.0, 5250.0, 5364.0, 5638.0, 5550.0, 5636.0, 5570.0, 5272.0, 5356.0, 5722.0, 5373.0, 5414.0, 5614.0, 5322.0, 5497.0, 5384.0, 5255.0, 5317.0, 5303.0, 5653.0, 5358.0, 5680.0, 5576.0, 5660.0, 5355.0, 5499.0, 5403.0, 5659.0, 5409.0, 5500.0, 5343.0, 5583.0, 5623.0, 5387.0, 5702.0, 5573.0, 5694.0, 5439.0, 5337.0, 5366.0, 5532.0, 5505.0, 5723.0, 5452.0, 5685.0, 5466.0, 5323.0, 5608.0, 5274.0, 5479.0, 5281.0, 5707.0, 5443.0, 5673.0, 5517.0, 5271.0, 5285.0, 5334.0, 5676.0 (number of hits: 13)
26	5270	9	1	333	1	5508.0, 5335.0, 5646.0, 5612.0, 5609.0, 5423.0, 5253.0, 5474.0, 5592.0, 5724.0, 5623.0, 5351.0, 5532.0, 5644.0, 5662.0, 5526.0, 5457.0, 5510.0, 5517.0, 5341.0, 5584.0, 5534.0, 5693.0, 5670.0, 5618.0, 5315.0, 5570.0, 5329.0, 5260.0, 5393.0, 5580.0, 5424.0, 5367.0, 5261.0, 5559.0, 5271.0, 5386.0, 5519.0, 5270.0, 5720.0, 5469.0, 5397.0, 5360.0, 5613.0, 5299.0,

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27	5270	9	1	333	1	5633.0, 5402.0, 5576.0, 5709.0, 5319.0, 5442.0, 5435.0, 5462.0, 5441.0, 5703.0, 5641.0, 5341.0, 5591.0, 5430.0, 5348.0, 5682.0, 5705.0, 5487.0, 5342.0, 5680.0, 5693.0, 5568.0, 5284.0, 5578.0, 5704.0, 5574.0, 5714.0, 5581.0, 5659.0, 5718.0, 5656.0, 5434.0, 5523.0, 5364.0, 5372.0, 5721.0, 5547.0, 5461.0, 5485.0, 5669.0, 5573.0, 5510.0, 5457.0, 5425.0, 5670.0, 5327.0, 5395.0, 5261.0, 5346.0, 5708.0, 5289.0, 5296.0, 5542.0, 5400.0, 5467.0, 5268.0, 5589.0, 5263.0, 5530.0, 5538.0, 5692.0, 5339.0, 5517.0, 5416.0, 5566.0, 5679.0, 5522.0, 5715.0, 5320.0, 5277.0, 5650.0, 5313.0, 5615.0, 5527.0, 5257.0, 5654.0, 5358.0, 5493.0, 5367.0, 5381.0, 5325.0, 5622.0, 5643.0, 5444.0, 5345.0, 5492.0, 5375.0, 5322.0, 5649.0, 5318.0, 5332.0, 5279.0, 5254.0, 5549.0, 5521.0, 5707.0, 5411.0, 5627.0, 5637.0, 5557.0 (number of hits: 8)
28	5270	9	1	333	1	5650.0, 5268.0, 5425.0, 5437.0, 5440.0, 5673.0, 5331.0, 5422.0, 5346.0, 5322.0, 5523.0, 5426.0, 5257.0, 5370.0, 5591.0, 5288.0, 5340.0, 5627.0, 5475.0, 5513.0, 5395.0, 5474.0, 5711.0, 5290.0, 5720.0, 5645.0, 5399.0, 5602.0, 5562.0, 5394.0, 5278.0, 5608.0, 5487.0, 5292.0, 5510.0, 5466.0, 5334.0, 5419.0, 5302.0, 5297.0, 5401.0, 5329.0, 5306.0, 5572.0, 5553.0, 5497.0, 5434.0, 5670.0, 5717.0, 5643.0, 5372.0, 5445.0, 5259.0, 5453.0, 5388.0, 5325.0, 5393.0, 5363.0, 5585.0, 5309.0, 5634.0, 5275.0, 5435.0, 5569.0, 5552.0, 5546.0, 5460.0, 5592.0, 5543.0, 5403.0, 5666.0, 5535.0, 5685.0, 5629.0, 5659.0, 5636.0, 5489.0, 5318.0, 5696.0, 5392.0, 5567.0, 5321.0, 5604.0, 5307.0, 5677.0, 5383.0, 5527.0, 5661.0, 5605.0, 5700.0, 5522.0, 5391.0, 5669.0, 5274.0, 5674.0, 5603.0, 5597.0, 5413.0, 5473.0, 5504.0 (number of hits: 6)
29	5270	9	1	333	1	5384.0, 5251.0, 5495.0, 5565.0, 5675.0, 5368.0, 5644.0, 5683.0, 5513.0, 5371.0, 5336.0, 5590.0, 5499.0, 5433.0, 5658.0, 5298.0, 5593.0, 5291.0, 5260.0, 5625.0, 5718.0, 5561.0, 5299.0, 5647.0, 5331.0, 5422.0, 5407.0, 5290.0, 5618.0, 5522.0,

						5386.0, 5438.0, 5694.0, 5527.0, 5654.0, 5264.0, 5628.0, 5307.0, 5504.0, 5667.0, 5350.0, 5720.0, 5602.0, 5606.0, 5496.0, 5460.0, 5370.0, 5477.0, 5311.0, 5314.0, 5546.0, 5491.0, 5300.0, 5280.0, 5580.0, 5624.0, 5414.0, 5713.0, 5572.0, 5259.0, 5704.0, 5323.0, 5668.0, 5607.0, 5492.0, 5529.0, 5539.0, 5528.0, 5641.0, 5372.0, 5512.0, 5377.0, 5304.0, 5503.0, 5674.0, 5390.0, 5441.0, 5467.0, 5577.0, 5598.0, 5289.0, 5571.0, 5348.0, 5332.0, 5353.0, 5328.0, 5563.0, 5630.0, 5257.0, 5296.0, 5707.0, 5558.0, 5413.0, 5643.0, 5393.0, 5610.0, 5646.0, 5388.0, 5587.0, 5709.0 (number of hits: 5)
30	5270	9	1	333	1	5650.0, 5518.0, 5299.0, 5555.0, 5623.0, 5471.0, 5371.0, 5407.0, 5562.0, 5401.0, 5331.0, 5504.0, 5717.0, 5267.0, 5556.0, 5637.0, 5696.0, 5649.0, 5492.0, 5257.0, 5343.0, 5430.0, 5328.0, 5677.0, 5594.0, 5690.0, 5421.0, 5437.0, 5427.0, 5251.0, 5602.0, 5381.0, 5335.0, 5370.0, 5547.0, 5292.0, 5446.0, 5411.0, 5537.0, 5319.0, 5280.0, 5632.0, 5666.0, 5502.0, 5708.0, 5382.0, 5332.0, 5350.0, 5306.0, 5467.0, 5601.0, 5592.0, 5595.0, 5499.0, 5510.0, 5454.0, 5652.0, 5475.0, 5327.0, 5720.0, 5262.0, 5423.0, 5313.0, 5553.0, 5252.0, 5347.0, 5323.0, 5293.0, 5364.0, 5526.0, 5297.0, 5361.0, 5476.0, 5682.0, 5714.0, 5588.0, 5685.0, 5338.0, 5330.0, 5256.0, 5568.0, 5308.0, 5281.0, 5379.0, 5541.0, 5321.0, 5669.0, 5419.0, 5695.0, 5494.0, 5352.0, 5631.0, 5664.0, 5707.0, 5449.0, 5398.0, 5462.0, 5571.0, 5692.0, 5611.0 (number of hits: 7)

5290 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	73.3 %	60%	Pass
Type 3	30	96.7 %	60%	Pass
Type 4	30	76.7 %	60%	Pass
Aggregate (Type1 to 4)	120	86.7 %	80%	Pass
Type 5	30	90 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	89	1	598	1
2	5252	59	1	898	1
3	5252	86	1	618	1
4	5252	70	1	758	1
5	5252	99	1	538	1
6	5290	102	1	518	1
7	5290	83	1	638	1
8	5290	72	1	738	1
9	5290	62	1	858	1
10	5290	74	1	718	1
11	5328	81	1	658	1
12	5328	76	1	698	1
13	5328	78	1	678	1
14	5328	58	1	918	1
15	5328	63	1	838	1
16	5252	29	1	1837	1
17	5252	19	1	2924	1
18	5252	37	1	1449	1
19	5252	25	1	2126	1
20	5252	22	1	2410	1
21	5290	55	1	974	1
22	5290	65	1	821	1
23	5290	40	1	1331	1
24	5290	19	1	2837	1
25	5290	43	1	1242	1
26	5328	24	1	2282	1
27	5328	38	1	1403	1
28	5328	19	1	2850	1
29	5328	29	1	1826	1
30	5328	25	1	2196	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	27	1.4	163	1
2	5252	26	1.9	222	0
3	5252	29	1	180	0
4	5252	24	1	168	1
5	5252	24	2.4	161	1
6	5252	23	2.5	153	0
7	5252	27	2.4	224	1
8	5252	29	3.6	174	0
9	5252	25	3.3	185	1
10	5252	24	3	202	1
11	5290	24	3.8	152	1
12	5290	23	4.4	213	1
13	5290	28	4	213	0
14	5290	26	3.7	230	1
15	5290	23	1.1	167	1
16	5290	24	3.5	197	1
17	5290	24	1.9	165	1
18	5290	29	3.1	229	1
19	5290	28	4.2	187	1
20	5290	27	1.5	205	1
21	5328	26	1.3	189	0
22	5328	28	2.2	166	1
23	5328	29	4.6	197	1
24	5328	28	3.4	224	1
25	5328	29	4.9	197	0
26	5328	27	2.8	164	1
27	5328	29	2.7	208	1
28	5328	29	4.6	184	1
29	5328	26	1.6	193	0
30	5328	28	3.9	226	1
Detection Percentage: 73.3% (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	18	6.3	405	1
2	5252	17	9.8	396	1
3	5252	16	7.9	233	1
4	5252	18	9.3	370	1
5	5252	16	6.3	206	1
6	5252	18	7.5	232	1
7	5252	17	9	316	1
8	5252	16	7.3	360	1
9	5252	18	6.8	416	1
10	5252	16	8.1	424	1
11	5290	16	6.8	281	1
12	5290	17	8.1	456	0
13	5290	18	6.6	391	1
14	5290	16	7.4	451	1
15	5290	16	6.7	328	1
16	5290	16	6.4	331	1
17	5290	16	6.2	227	1
18	5290	17	8.4	325	1
19	5290	18	8.9	373	1
20	5290	18	8.1	321	1
21	5328	18	8.2	324	1
22	5328	18	7.9	316	1
23	5328	16	8.9	459	1
24	5328	17	6.7	288	1
25	5328	17	8.1	405	1
26	5328	16	7.8	248	1
27	5328	17	9.4	220	1
28	5328	16	7.2	222	1
29	5328	16	7	301	1
30	5328	16	6.6	417	1
Detection Percentage: 96.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5252	12	14.2	346	1
2	5252	13	13.7	230	0
3	5252	16	11.9	264	0
4	5252	12	19.2	293	1
5	5252	16	13.2	255	0
6	5252	14	16.3	393	1
7	5252	16	12.8	270	1
8	5252	16	18.3	445	1
9	5252	13	13.6	324	1
10	5252	16	12.7	389	1
11	5290	14	18.8	393	0
12	5290	16	14.6	393	1
13	5290	15	11.2	371	1
14	5290	12	16.9	309	0
15	5290	16	13.4	259	1
16	5290	15	11.7	242	1
17	5290	15	12.9	388	0
18	5290	13	12.7	333	1
19	5290	14	16.3	262	0
20	5290	15	16.3	460	1
21	5328	14	15.1	248	1
22	5328	12	18	323	1
23	5328	15	15.9	311	1
24	5328	14	19.6	479	1
25	5328	16	17	420	1
26	5328	16	11.6	216	1
27	5328	16	13.9	221	1
28	5328	13	13.6	281	1
29	5328	16	14.8	435	1
30	5328	15	19.4	381	1
Detection Percentage: 76.7 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5290	1
11	5259.6	1
12	5260	1
13	5255.6	1
14	5255.6	0
15	5254.8	0
16	5258.8	1
17	5256.8	1
18	5258.8	1
19	5254.4	0
20	5256.4	1
21	5320.8	1
22	5321.6	1
23	5320.0	1
24	5223.6	1
25	5321.2	1
26	5323.6	1
27	5324.8	1
28	5325.6	1
29	5325.2	1
30	5324.0	1
Detection Percentage: 90.0 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	51.4	1426		0.588325	1
1	1	11	57.4			1.301877	
2	3	11	76.2	1829	1204	1.831798	
3	3	11	84.2	1316	1059	2.740686	
4	1	11	53.6			4.210388	
5	2	11	91.9	1522		4.335644	
6	3	11	74.9	1743	1734	5.667095	
7	2	11	51.1	1340		6.114227	
8	1	11	86.2			6.969946	
9	2	11	66.4	1015		7.91407	
10	1	11	94.7			8.99045	
11	2	11	62.8	2000		10.252013	
12	2	11	86.5	1098		10.679873	
13	3	11	81.2	1304	1623	11.792488	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	89.1	1450		0.594566	1
1	2	10	59.2	1031		1.467534	
2	3	10	93.7	1144	1779	2.896309	
3	3	10	92.3	1480	1825	4.086431	
4	2	10	79.2	1650		5.02141	
5	1	10	80.9			6.389783	
6	1	10	84			6.594992	
7	3	10	95.3	1096	1386	7.65848	
8	2	10	57.5	1170		8.740666	
9	2	10	58	1608		9.955252	
10	2	10	63.3	1355		11.172416	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	96.3	1433		0.029757	1
1	3	8	70.2	1202	1671	1.202097	
2	2	8	68	1642		1.890702	
3	3	8	56.3	1412	1396	3.19653	
4	1	8	71.8			3.731938	
5	2	8	78.5	1389		5.507905	
6	3	8	79.5	1977	1208	5.909196	
7	3	8	85.6	1423	1231	6.511324	
8	3	8	91.7	1859	1205	8.171012	
9	1	8	83.9			9.218002	
10	1	8	79.2			9.962203	
11	3	8	93.3	1211	1841	10.854993	
12	2	8	55.9	1567		11.905074	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	96.2	1310		0.60244	1
1	3	6	55	1594	1742	1.309608	
2	1	6	65.4			3.43465	
3	2	6	69.8	1050		4.214344	
4	3	6	87.3	1717	1553	5.375309	
5	1	6	88.9			6.606088	
6	2	6	52.4	1129		7.664004	
7	1	6	56.3			8.847265	
8	2	6	77.9	1475		10.597854	
9	2	6	64.7	1185		11.210543	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	72.8	1325	1635	0.470111	1
1	3	11	53.5	1996	1794	1.286586	
2	2	11	85.7	1714		2.424937	
3	2	11	60.2	1350		2.634854	
4	2	11	93.6	1059		3.949788	
5	2	11	61.9	1369		4.446508	
6	2	11	53.5	1933		5.416798	
7	1	11	94.6			6.136305	
8	3	11	58.6	1866	1497	7.609755	
9	2	11	96.6	1225		8.179096	
10	2	11	98.3	1987		9.189081	
11	2	11	59.1	1864		9.717838	
12	2	11	75.9	1221		11.124028	
13	2	11	62.3	1352		11.384135	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	59.3			0.520144	1
1	2	13	57.6	1247		1.479262	
2	3	13	78.3	1632	1301	2.243668	
3	3	13	64.1	1789	1870	2.648117	
4	2	13	53.7	1679		3.435394	
5	2	13	96.7	1374		4.550871	
6	2	13	96.7	1621		5.21166	
7	2	13	75.1	1516		6.026172	
8	3	13	52.8	1563	1382	6.87695	
9	2	13	80.4	1806		7.598877	
10	3	13	58.7	1969	1492	8.030702	
11	3	13	96.7	1817	1324	8.923301	
12	1	13	75.1			10.104279	
13	1	13	68.3			10.967076	
14	3	13	97.6	1930	1691	11.898464	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	82.5	1966		0.428676	1
1	2	16	89.4	1762		1.672284	
2	1	16	67.6			2.842534	
3	2	16	78.7	1140		3.267712	
4	2	16	51.7	1561		4.649364	
5	1	16	78.4			5.150818	
6	2	16	99.4	1145		6.690458	
7	2	16	90.4	1870		7.650153	
8	2	16	78	1497		8.348036	
9	1	16	72.6			9.857916	
10	3	16	75.1	1669	1051	10.532129	
11	2	16	73.3	1174		11.445868	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	50.2	1394		0.854212	1
1	2	9	50.2	1911		2.467011	
2	2	9	85	1755		4.446046	
3	2	9	63.8	1688		4.950174	
4	2	9	95.9	1957		7.444738	
5	1	9	83.3			8.674215	
6	1	9	66.5			10.457385	
7	2	9	56.2	1263		10.912506	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	77.7			0.228121	1
1	2	15	91.4	1631		1.170121	
2	1	15	52			1.871159	
3	2	15	85.1	1654		3.255233	
4	2	15	58.5	1154		3.958991	
5	1	15	95.4			5.096171	
6	1	15	96.3			5.485336	
7	2	15	76.4	1722		6.055716	
8	2	15	50.6	1064		7.709276	
9	2	15	61.7	1451		8.45875	
10	3	15	50.9	1023	1459	8.603579	
11	3	15	63.6	1909	1238	9.858452	
12	2	15	84.2	1186		10.509154	
13	1	15	63.2			11.165356	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	67.3	1424		0.430158	1
1	2	12	97	1353		1.021627	
2	2	12	65.6	1655		1.668312	
3	2	12	85.6	1049		1.900237	
4	1	12	98.4			3.051173	
5	2	12	93.7	1245		3.383531	
6	3	12	79.9	1705	1424	4.320033	
7	3	12	55.4	1915	1296	4.522357	
8	3	12	67.9	1792	1540	5.125998	
9	1	12	86.2			5.755516	
10	3	12	94.7	1980	1030	6.892831	
11	2	12	82.7	1040		7.348989	
12	1	12	61.3			8.034792	
13	2	12	96.6	1180		8.588098	
14	1	12	57.4			9.299651	
15	1	12	83.7			9.642732	
16	1	12	87.9			10.670883	
17	2	12	72.3	1255		10.822889	
18	2	12	65	1435		11.942234	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	86.4	1577	1811	0.612993	1
1	1	19	64			1.47361	
2	2	19	56.3	1299		3.079707	
3	1	19	54.7			3.813922	
4	3	19	91.2	1466	1166	5.720772	
5	2	19	66.9	1351		6.388758	
6	3	19	65.4	1934	1155	8.047061	
7	3	19	71.6	1463	1597	9.086281	
8	2	19	62.4	1886		9.906161	
9	2	19	73.9	1125		11.054219	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	20	90.6	1598		1.084471	1
1	1	20	97.1			2.272262	
2	1	20	96.7			2.961659	
3	2	20	71.8	1635		4.724332	
4	3	20	71.1	1181	1445	5.924788	
5	1	20	76			6.921881	
6	2	20	54.5	1855		8.27711	
7	2	20	89.3	1110		8.4944	
8	2	20	87.5	1642		9.735017	
9	2	20	61.7	1398		11.617539	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	92.1	1025		0.619091	1
1	2	9	63.8	1786		0.920084	
2	3	9	62.4	1792	1331	1.784905	
3	2	9	71	1761		2.644676	
4	2	9	82.4	1334		2.732047	
5	3	9	62.9	1664	1331	3.671671	
6	1	9	61.7			4.007408	
7	2	9	55.6	1931		4.987425	
8	2	9	81	1035		5.645446	
9	3	9	88.8	1767	1457	6.258797	
10	1	9	51.9			7.238486	
11	2	9	64.5	1675		7.341798	
12	2	9	97.3	1997		8.014836	
13	2	9	86	1584		8.809646	
14	1	9	79.2			9.932078	
15	1	9	83.2			10.198357	
16	2	9	89.8	1812		10.969355	
17	2	9	78.3	1437		11.577228	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	53.5	1594		0.781036	0
1	1	9	52.3			1.69906	
2	2	9	98.1	1634		2.915262	
3	2	9	80.2	1667		4.13136	
4	1	9	62			5.216422	
5	1	9	92			5.644609	
6	2	9	52.9	1428		7.582661	
7	3	9	70.2	1277	1177	8.07165	
8	2	9	89.5	1720		9.718306	
9	1	9	96.5			10.582059	
10	3	9	71.2	1046	1936	11.254855	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	67.1	1098		0.603319	0
1	3	7	84.8	1222	1937	1.234632	
2	2	7	67.2	1819		1.774937	
3	1	7	73.9			2.333564	
4	3	7	65.4	1560	1832	3.422082	
5	2	7	79.1	1886		4.378446	
6	2	7	76.9	1968		4.818323	
7	2	7	86.8	1856		5.592461	
8	2	7	75.6	1018		6.493126	
9	3	7	74.4	1644	1724	7.244576	
10	2	7	78.4	1382		7.969441	
11	3	7	99.2	1161	1035	8.951853	
12	2	7	68.4	1167		9.669946	
13	3	7	66.6	1447	1011	9.980698	
14	2	7	57.3	1149		11.147291	
15	3	7	81.4	1454	1344	11.668938	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	71.3	1883	1896	0.369073	1
1	2	17	70.6	1759		1.409815	
2	2	17	79.5	1921		2.715704	
3	1	17	59.7			2.873766	
4	2	17	74.3	1406		4.007655	
5	2	17	82	1458		4.912843	
6	1	17	61.1			5.553229	
7	1	17	83.6			6.619504	
8	2	17	96.8	1535		7.766311	
9	2	17	58.6	1144		8.31746	
10	2	17	93.9	1389		9.90743	
11	2	17	50.4	1251		10.29021	
12	3	17	93.2	1253	1655	11.346188	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	86.5	1086	1395	0.340238	
1	2	12	80	1040		0.856636	
2	3	12	86.3	1419	1429	1.582873	
3	2	12	63.5	1185		1.998804	
4	3	12	64.5	1840	1516	3.065971	
5	2	12	61.9	1154		3.419092	
6	1	12	89.1			4.221937	
7	2	12	72.2	1298		4.504479	
8	2	12	96.7	1681		5.217649	
9	3	12	89.3	1934	1217	5.902906	1
10	2	12	82.7	1541		6.86931	
11	1	12	86			7.127017	
12	2	12	83.4	1338		7.631583	
13	1	12	66.5			8.824137	
14	1	12	52.3			9.394323	
15	2	12	98.4	1450		9.970943	
16	1	12	65.1			10.406087	
17	3	12	84.1	1447	1817	10.745023	
18	2	12	77.7	1464		11.915684	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	96.5	1955	1599	0	
1	2	17	80.6	1423		1	
2	1	17	86.1			2	
3	2	17	79.7	1442		3	
4	1	17	93.9			4	
5	1	17	95.4			5	1
6	3	17	93.1	1424	1756	6	
7	2	17	82.2	1028		7	
8	3	17	63.3	1861	1417	8	
9	1	17	80.5			9	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	53.8	1910		0.275725	
1	2	6	69.2	1462		1.266615	
2	2	6	94.7	1047		1.591068	
3	1	6	81			2.698559	
4	2	6	55.3	1628		3.152649	
5	2	6	53.2	1977		3.648266	
6	1	6	67.7			4.251382	
7	1	6	85.5			5.39728	
8	3	6	53.6	1778	1196	5.743011	0
9	2	6	64.9	1403		6.813775	
10	2	6	96.7	1591		7.26661	
11	1	6	96.8			8.039842	
12	3	6	54.2	1959	1542	8.518675	
13	1	6	82.7			9.754677	
14	2	6	56.2	1786		10.004524	
15	2	6	95.6	1882		11.216796	
16	2	6	90	1868		11.632142	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	60	1772	1956	0.544632	
1	2	11	62	1289		0.633467	
2	2	11	65.8	1751		1.452347	
3	2	11	53.4	1574		2.215577	
4	2	11	54.3	1314		2.904419	
5	2	11	83.1	1211		3.407496	
6	1	11	59.1			3.877536	
7	3	11	89.6	1794	1905	4.748664	
8	2	11	93.2	1486		5.113122	
9	2	11	87.5	1613		6.166603	1
10	1	11	73			6.318197	
11	1	11	58.5			7.531631	
12	2	11	96.9	1569		7.729943	
13	2	11	87.7	1677		8.255774	
14	1	11	80.2			9.023896	
15	3	11	87.6	1086	1034	9.722782	
16	3	11	88.4	1115	1608	10.521891	
17	2	11	86.5	1106		11.303427	
18	2	11	84.1	1704		11.419306	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	86.7	1907	1893	0.298942	1
1	2	18	86.9	1551		0.772548	
2	2	18	51.6	1052		2.058943	
3	3	18	69.5	1809	1861	2.633051	
4	2	18	90.9	1810		3.167002	
5	2	18	66.7	1820		3.971664	
6	1	18	55.4			5.181484	
7	2	18	57.5	1851		5.603877	
8	3	18	57.6	1191	1410	6.285927	
9	1	18	73.2			6.936781	
10	1	18	61.6			8.204409	
11	2	18	56.9	1620		8.561728	
12	3	18	97.3	1675	1798	9.506565	
13	2	18	87.7	1592		10.075404	
14	1	18	53.7			10.591829	
15	3	18	73.4	1646	1628	11.905499	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	92.5	1961	1475	0.731805	1
1	2	16	60.5	1022		1.928965	
2	2	16	66.5	1835		4.189768	
3	2	16	80	1910		5.697432	
4	3	16	95.2	1862	1709	6.24059	
5	2	16	83.4	1815		8.497221	
6	1	16	67.2			9.726675	
7	3	16	77.3	1291	1548	11.411676	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	86.4			0.563827	
1	2	20	77.3	1954		1.280359	
2	2	20	78.1	1895		1.880061	
3	2	20	58.2	1721		2.430077	
4	3	20	98.6	1410	1814	3.121468	
5	3	20	50.3	1834	1848	3.631854	
6	2	20	95.6	1795		4.825594	
7	3	20	73.6	1966	1870	4.982766	
8	2	20	70.3	1674		6.133042	1
9	1	20	75.9			7.019842	
10	2	20	94.5	1787		7.406753	
11	1	20	74.3			7.951888	
12	2	20	87.8	1011		9.159304	
13	2	20	76.9	1521		9.507091	
14	1	20	53.3			10.309865	
15	1	20	76.2			10.933565	
16	2	20	92.8	1685		11.989523	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	75.6			1.024819	
1	2	11	78.1	1712		1.526572	
2	2	11	77.6	1412		2.839958	
3	2	11	90.7	1240		5.157904	
4	1	11	95			6.129788	1
5	2	11	98.2	1004		7.664268	
6	2	11	50.7	1994		8.176225	
7	2	11	55.7	1752		10.566538	
8	3	11	85.7	1809	1229	11.953894	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	53.4	1859	1422	0.864613	1
1	1	17	97.3			1.950208	
2	1	17	69.5			2.855022	
3	2	17	88.3	1021		3.547816	
4	1	17	89.9			4.3578	
5	3	17	65.6	1562	1478	5.856873	
6	2	17	71.5	1065		6.658202	
7	1	17	55.6			7.496226	
8	1	17	77			8.315702	
9	3	17	55.2	1097	1825	9.108551	
10	2	17	59.4	1693		10.047691	
11	3	17	89.1	1969	1619	11.159355	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	75.7	1115	1200	0.507741	1
1	1	11	78.1			0.837762	
2	1	11	88.6			1.459669	
3	2	11	69	1756		2.0284	
4	2	11	52.4	1444		2.64188	
5	1	11	95.4			3.34014	
6	2	11	50.7	1233		4.239081	
7	3	11	86	1900	1955	4.971611	
8	2	11	52	1156		5.061888	
9	3	11	82.4	1083	1659	5.875658	
10	3	11	68.7	1310	1322	6.605931	
11	2	11	96.1	1490		7.012742	
12	3	11	75.1	1028	1127	8.105279	
13	2	11	78.4	1581		8.236213	
14	2	11	54.8	1658		9.146432	
15	2	11	80.5	1484		10.053806	
16	2	11	88.3	1643		10.46899	
17	1	11	68.9			11.329703	
18	3	11	54.9	1653	1533	11.7754	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	62.5	1658	1603	0.686795	
1	3	8	85.3	1464	1273	0.886467	
2	1	8	97.3			1.833857	
3	1	8	77.4			2.73238	
4	1	8	93.5			3.907752	
5	2	8	69.1	1195		4.119241	
6	3	8	92.4	1891	1398	4.95334	
7	1	8	82.9			6.157372	1
8	2	8	78.7	1310		6.88572	
9	2	8	68.4	1654		7.441227	
10	3	8	76.4	1873	1489	8.310568	
11	2	8	78.5	1846		9.132065	
12	2	8	73.4	1397		10.103261	
13	1	8	82.5			10.900434	
14	1	8	56.1			11.70275	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	6	56.7	1976	1820	0.486581	
1	3	6	95	1647	1177	1.266598	
2	2	6	77.8	1997		1.739886	
3	3	6	98.2	1315	1804	2.566987	
4	3	6	96.6	1597	1631	3.098038	
5	2	6	82	1518		3.688944	
6	2	6	58.3	1634		4.374787	
7	2	6	76.8	1897		5.585795	
8	2	6	66.5	1011		5.818689	1
9	2	6	75.5	1037		6.942179	
10	3	6	61.8	1020	1074	7.491484	
11	1	6	57.8			8.058096	
12	2	6	80.4	1747		8.652148	
13	3	6	88.3	1485	1138	9.561587	
14	2	6	51.2	1060		9.97038	
15	2	6	74.9	1096		10.868335	
16	2	6	99.7	1625		11.433483	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	66.6	1295		0.5932	1
1	2	7	86.7	1798		1.484765	
2	1	7	97			2.675784	
3	1	7	82.2			4.078791	
4	2	7	81.4	1110		5.196269	
5	1	7	93.8			6.730689	
6	3	7	71.4	1842	1577	8.114607	
7	2	7	91.2	1688		8.853804	
8	2	7	88.7	1402		10.164857	
9	2	7	62.4	1688		10.890089	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	96.4			0.523929	1
1	1	10	69.7			0.933743	
2	2	10	78.4	1508		1.910024	
3	1	10	72.4			2.31749	
4	2	10	71.1	1341		3.106126	
5	2	10	95.2	1069		3.606416	
6	3	10	67.3	1106	1665	4.021514	
7	2	10	96.5	1751		4.885464	
8	3	10	83.5	1496	1239	5.543438	
9	2	10	67.8	1727		6.449003	
10	1	10	50.2			6.938418	
11	3	10	56.3	1015	1675	7.526079	
12	3	10	88.9	1121	1801	8.435228	
13	1	10	73.7			8.914203	
14	3	10	89.1	1901	1773	9.589056	
15	2	10	74.3	1466		10.02137	
16	2	10	97.6	1377		10.822014	
17	3	10	97.4	1233	1421	11.656328	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5355.0, 5710.0, 5639.0, 5384.0, 5604.0, 5621.0, 5296.0, 5622.0, 5374.0, 5548.0, 5417.0, 5512.0, 5540.0, 5430.0, 5678.0, 5289.0, 5558.0, 5565.0, 5521.0, 5405.0, 5382.0, 5722.0, 5335.0, 5350.0, 5436.0, 5718.0, 5724.0, 5671.0, 5633.0, 5708.0, 5266.0, 5370.0, 5526.0, 5656.0, 5462.0, 5400.0, 5641.0, 5392.0, 5254.0, 5444.0, 5434.0, 5573.0, 5278.0, 5498.0, 5459.0, 5366.0, 5589.0, 5432.0, 5359.0, 5385.0, 5617.0, 5636.0, 5692.0, 5298.0, 5411.0, 5396.0, 5576.0, 5288.0, 5429.0, 5369.0, 5302.0, 5463.0, 5410.0, 5698.0, 5556.0, 5699.0, 5484.0, 5277.0, 5552.0, 5531.0, 5273.0, 5301.0, 5343.0, 5717.0, 5380.0, 5506.0, 5652.0, 5541.0, 5406.0, 5321.0, 5632.0, 5320.0, 5517.0, 5483.0, 5712.0, 5637.0, 5560.0, 5455.0, 5693.0, 5487.0, 5715.0, 5454.0, 5638.0, 5544.0, 5388.0, 5694.0, 5251.0, 5684.0, 5501.0, 5610.0 (number of hits: 13)
2	5290	9	1	333	1	5522.0, 5460.0, 5275.0, 5572.0, 5512.0, 5676.0, 5557.0, 5398.0, 5535.0, 5537.0, 5305.0, 5312.0, 5629.0, 5455.0, 5354.0, 5329.0, 5709.0, 5578.0, 5262.0, 5687.0, 5257.0, 5639.0, 5285.0, 5657.0, 5366.0, 5689.0, 5363.0, 5339.0, 5387.0, 5299.0, 5420.0, 5381.0, 5385.0, 5603.0, 5413.0, 5475.0, 5564.0, 5446.0, 5410.0, 5611.0, 5307.0, 5462.0, 5282.0, 5389.0, 5533.0, 5416.0, 5526.0, 5337.0, 5429.0, 5314.0, 5480.0, 5625.0, 5680.0, 5421.0, 5369.0, 5636.0, 5686.0, 5342.0, 5377.0, 5473.0, 5422.0, 5405.0, 5504.0, 5364.0, 5250.0, 5490.0, 5720.0, 5685.0, 5375.0, 5508.0, 5465.0, 5466.0, 5644.0, 5259.0, 5288.0, 5622.0, 5706.0, 5658.0, 5448.0, 5293.0, 5441.0, 5570.0, 5322.0, 5274.0, 5461.0, 5445.0, 5303.0, 5325.0, 5616.0, 5423.0, 5300.0, 5546.0, 5654.0, 5427.0, 5594.0, 5272.0, 5699.0, 5598.0, 5719.0, 5562.0 (number of hits: 19)
3	5290	9	1	333	1	5539.0, 5441.0, 5430.0, 5482.0, 5436.0, 5262.0, 5607.0, 5312.0, 5621.0, 5494.0, 5355.0, 5253.0, 5263.0, 5594.0, 5691.0, 5558.0, 5599.0, 5395.0, 5689.0, 5547.0, 5473.0, 5274.0, 5585.0, 5534.0, 5710.0, 5593.0, 5702.0, 5306.0, 5532.0, 5287.0, 5303.0, 5638.0, 5711.0, 5597.0, 5612.0, 5681.0, 5302.0, 5452.0, 5675.0, 5690.0, 5311.0, 5335.0, 5708.0, 5374.0, 5694.0, 5384.0, 5387.0, 5676.0, 5255.0, 5704.0, 5309.0, 5678.0, 5322.0, 5477.0, 5616.0, 5677.0, 5330.0, 5305.0, 5347.0, 5511.0,

						5501.0, 5642.0, 5575.0, 5528.0, 5653.0, 5523.0, 5357.0, 5458.0, 5695.0, 5365.0, 5716.0, 5514.0, 5549.0, 5644.0, 5363.0, 5440.0, 5610.0, 5557.0, 5367.0, 5368.0, 5300.0, 5315.0, 5591.0, 5391.0, 5379.0, 5266.0, 5466.0, 5421.0, 5634.0, 5493.0, 5424.0, 5410.0, 5284.0, 5435.0, 5425.0, 5318.0, 5603.0, 5401.0, 5685.0, 5377.0 (number of hits: 19)
4	5290	9	1	333	1	5442.0, 5327.0, 5548.0, 5616.0, 5715.0, 5286.0, 5415.0, 5355.0, 5364.0, 5597.0, 5577.0, 5659.0, 5633.0, 5441.0, 5257.0, 5603.0, 5482.0, 5319.0, 5542.0, 5488.0, 5539.0, 5317.0, 5712.0, 5328.0, 5379.0, 5404.0, 5398.0, 5502.0, 5267.0, 5531.0, 5637.0, 5423.0, 5565.0, 5475.0, 5524.0, 5308.0, 5335.0, 5489.0, 5485.0, 5403.0, 5420.0, 5689.0, 5504.0, 5268.0, 5266.0, 5661.0, 5522.0, 5321.0, 5261.0, 5416.0, 5668.0, 5369.0, 5625.0, 5722.0, 5459.0, 5710.0, 5388.0, 5400.0, 5703.0, 5598.0, 5402.0, 5263.0, 5349.0, 5521.0, 5624.0, 5499.0, 5314.0, 5495.0, 5440.0, 5525.0, 5569.0, 5677.0, 5686.0, 5507.0, 5375.0, 5600.0, 5491.0, 5663.0, 5638.0, 5628.0, 5435.0, 5331.0, 5547.0, 5566.0, 5384.0, 5471.0, 5651.0, 5526.0, 5411.0, 5352.0, 5654.0, 5590.0, 5601.0, 5579.0, 5555.0, 5350.0, 5701.0, 5640.0, 5290.0, 5392.0 (number of hits: 14)
5	5290	9	1	333	1	5422.0, 5657.0, 5616.0, 5606.0, 5632.0, 5665.0, 5323.0, 5611.0, 5274.0, 5343.0, 5377.0, 5401.0, 5602.0, 5339.0, 5362.0, 5625.0, 5579.0, 5563.0, 5266.0, 5555.0, 5633.0, 5272.0, 5308.0, 5504.0, 5462.0, 5580.0, 5328.0, 5406.0, 5716.0, 5627.0, 5480.0, 5718.0, 5295.0, 5341.0, 5548.0, 5418.0, 5306.0, 5263.0, 5393.0, 5516.0, 5723.0, 5594.0, 5719.0, 5666.0, 5595.0, 5662.0, 5475.0, 5285.0, 5413.0, 5688.0, 5283.0, 5361.0, 5635.0, 5391.0, 5546.0, 5691.0, 5492.0, 5367.0, 5368.0, 5545.0, 5360.0, 5479.0, 5597.0, 5511.0, 5363.0, 5253.0, 5458.0, 5404.0, 5289.0, 5313.0, 5350.0, 5573.0, 5527.0, 5618.0, 5429.0, 5259.0, 5614.0, 5706.0, 5257.0, 5402.0, 5530.0, 5330.0, 5550.0, 5449.0, 5305.0, 5443.0, 5467.0, 5513.0, 5605.0, 5593.0, 5678.0, 5252.0, 5348.0, 5640.0, 5514.0, 5335.0, 5384.0, 5600.0, 5561.0, 5698.0 (number of hits: 17)
6	5290	9	1	333	1	5687.0, 5569.0, 5500.0, 5270.0, 5285.0, 5648.0, 5255.0, 5436.0, 5643.0, 5669.0, 5392.0, 5385.0, 5446.0, 5680.0, 5311.0, 5695.0, 5395.0, 5504.0, 5442.0, 5338.0, 5478.0, 5415.0, 5585.0, 5331.0, 5458.0, 5595.0, 5529.0, 5578.0, 5322.0, 5384.0, 5652.0, 5481.0, 5432.0, 5276.0, 5619.0, 5513.0, 5378.0, 5540.0, 5546.0, 5366.0, 5405.0, 5640.0, 5390.0, 5634.0, 5296.0,

						5300.0, 5440.0, 5408.0, 5342.0, 5660.0, 5533.0, 5557.0, 5451.0, 5609.0, 5337.0, 5351.0, 5608.0, 5663.0, 5501.0, 5528.0, 5705.0, 5676.0, 5253.0, 5401.0, 5523.0, 5397.0, 5438.0, 5467.0, 5516.0, 5257.0, 5698.0, 5281.0, 5535.0, 5305.0, 5511.0, 5444.0, 5448.0, 5416.0, 5323.0, 5360.0, 5252.0, 5374.0, 5623.0, 5607.0, 5551.0, 5550.0, 5283.0, 5347.0, 5317.0, 5653.0, 5711.0, 5657.0, 5715.0, 5632.0, 5356.0, 5548.0, 5625.0, 5372.0, 5274.0, 5661.0 (number of hits: 17)
7	5290	9	1	333	1	5589.0, 5386.0, 5627.0, 5319.0, 5420.0, 5391.0, 5636.0, 5295.0, 5423.0, 5464.0, 5620.0, 5443.0, 5318.0, 5359.0, 5375.0, 5694.0, 5516.0, 5273.0, 5644.0, 5689.0, 5654.0, 5453.0, 5568.0, 5311.0, 5618.0, 5417.0, 5681.0, 5645.0, 5277.0, 5515.0, 5570.0, 5289.0, 5402.0, 5338.0, 5684.0, 5696.0, 5555.0, 5723.0, 5279.0, 5498.0, 5262.0, 5285.0, 5643.0, 5314.0, 5378.0, 5324.0, 5368.0, 5369.0, 5462.0, 5698.0, 5584.0, 5722.0, 5695.0, 5457.0, 5356.0, 5409.0, 5441.0, 5670.0, 5307.0, 5460.0, 5719.0, 5573.0, 5602.0, 5653.0, 5608.0, 5613.0, 5348.0, 5716.0, 5691.0, 5660.0, 5517.0, 5321.0, 5355.0, 5250.0, 5541.0, 5490.0, 5632.0, 5410.0, 5301.0, 5259.0, 5429.0, 5628.0, 5619.0, 5631.0, 5633.0, 5500.0, 5616.0, 5586.0, 5650.0, 5505.0, 5674.0, 5715.0, 5468.0, 5261.0, 5353.0, 5539.0, 5688.0, 5605.0, 5673.0, 5304.0 (number of hits: 18)
8	5290	9	1	333	1	5695.0, 5436.0, 5702.0, 5287.0, 5331.0, 5687.0, 5435.0, 5325.0, 5665.0, 5252.0, 5625.0, 5336.0, 5432.0, 5604.0, 5303.0, 5491.0, 5520.0, 5721.0, 5670.0, 5265.0, 5429.0, 5315.0, 5391.0, 5607.0, 5619.0, 5506.0, 5488.0, 5490.0, 5699.0, 5369.0, 5499.0, 5613.0, 5310.0, 5529.0, 5400.0, 5284.0, 5679.0, 5519.0, 5634.0, 5609.0, 5350.0, 5500.0, 5416.0, 5722.0, 5383.0, 5297.0, 5677.0, 5396.0, 5574.0, 5610.0, 5353.0, 5662.0, 5592.0, 5684.0, 5341.0, 5661.0, 5404.0, 5508.0, 5293.0, 5685.0, 5595.0, 5330.0, 5375.0, 5598.0, 5578.0, 5258.0, 5430.0, 5516.0, 5316.0, 5459.0, 5659.0, 5357.0, 5257.0, 5308.0, 5300.0, 5517.0, 5608.0, 5640.0, 5505.0, 5532.0, 5611.0, 5658.0, 5367.0, 5481.0, 5289.0, 5707.0, 5644.0, 5683.0, 5585.0, 5470.0, 5322.0, 5535.0, 5342.0, 5374.0, 5666.0, 5390.0, 5321.0, 5449.0, 5389.0, 5674.0 (number of hits: 18)
9	5290	9	1	333	1	5342.0, 5581.0, 5285.0, 5446.0, 5571.0, 5497.0, 5338.0, 5616.0, 5359.0, 5273.0, 5337.0, 5527.0, 5490.0, 5618.0, 5668.0, 5642.0, 5382.0, 5458.0, 5651.0, 5654.0, 5268.0, 5498.0, 5503.0, 5598.0, 5529.0, 5350.0, 5480.0, 5380.0, 5548.0, 5250.0,

						5311.0, 5566.0, 5433.0, 5593.0, 5676.0, 5532.0, 5537.0, 5330.0, 5573.0, 5286.0, 5395.0, 5320.0, 5431.0, 5639.0, 5292.0, 5417.0, 5266.0, 5694.0, 5381.0, 5666.0, 5310.0, 5535.0, 5492.0, 5555.0, 5253.0, 5543.0, 5434.0, 5254.0, 5460.0, 5659.0, 5262.0, 5406.0, 5647.0, 5468.0, 5384.0, 5306.0, 5349.0, 5526.0, 5559.0, 5546.0, 5400.0, 5547.0, 5483.0, 5405.0, 5615.0, 5494.0, 5363.0, 5718.0, 5333.0, 5411.0, 5308.0, 5675.0, 5671.0, 5289.0, 5430.0, 5589.0, 5412.0, 5540.0, 5457.0, 5558.0, 5372.0, 5441.0, 5680.0, 5373.0, 5302.0, 5692.0, 5513.0, 5596.0, 5432.0, 5501.0 (number of hits: 16)
10	5290	9	1	333	1	5579.0, 5481.0, 5288.0, 5455.0, 5302.0, 5479.0, 5515.0, 5401.0, 5365.0, 5653.0, 5638.0, 5532.0, 5529.0, 5314.0, 5680.0, 5663.0, 5512.0, 5632.0, 5468.0, 5572.0, 5671.0, 5320.0, 5296.0, 5717.0, 5454.0, 5584.0, 5573.0, 5621.0, 5467.0, 5297.0, 5567.0, 5538.0, 5366.0, 5402.0, 5278.0, 5252.0, 5354.0, 5656.0, 5566.0, 5331.0, 5256.0, 5411.0, 5564.0, 5251.0, 5336.0, 5696.0, 5571.0, 5666.0, 5268.0, 5495.0, 5412.0, 5660.0, 5555.0, 5310.0, 5311.0, 5547.0, 5630.0, 5563.0, 5389.0, 5322.0, 5419.0, 5438.0, 5474.0, 5422.0, 5665.0, 5527.0, 5522.0, 5620.0, 5333.0, 5319.0, 5496.0, 5508.0, 5362.0, 5273.0, 5521.0, 5384.0, 5692.0, 5645.0, 5361.0, 5634.0, 5530.0, 5413.0, 5636.0, 5341.0, 5649.0, 5342.0, 5407.0, 5561.0, 5551.0, 5668.0, 5440.0, 5490.0, 5715.0, 5434.0, 5283.0, 5659.0, 5684.0, 5356.0, 5383.0, 5631.0 (number of hits: 16)
11	5290	9	1	333	1	5601.0, 5273.0, 5722.0, 5480.0, 5476.0, 5619.0, 5343.0, 5464.0, 5652.0, 5605.0, 5524.0, 5442.0, 5502.0, 5688.0, 5411.0, 5251.0, 5723.0, 5689.0, 5662.0, 5417.0, 5684.0, 5259.0, 5272.0, 5555.0, 5622.0, 5257.0, 5471.0, 5325.0, 5613.0, 5308.0, 5321.0, 5300.0, 5516.0, 5659.0, 5535.0, 5424.0, 5513.0, 5293.0, 5636.0, 5709.0, 5517.0, 5316.0, 5618.0, 5481.0, 5401.0, 5322.0, 5393.0, 5589.0, 5430.0, 5497.0, 5270.0, 5646.0, 5640.0, 5552.0, 5526.0, 5575.0, 5537.0, 5585.0, 5386.0, 5700.0, 5494.0, 5712.0, 5536.0, 5472.0, 5518.0, 5327.0, 5674.0, 5611.0, 5679.0, 5447.0, 5584.0, 5565.0, 5556.0, 5592.0, 5664.0, 5528.0, 5489.0, 5486.0, 5550.0, 5485.0, 5533.0, 5313.0, 5407.0, 5586.0, 5546.0, 5366.0, 5400.0, 5645.0, 5511.0, 5596.0, 5633.0, 5335.0, 5361.0, 5631.0, 5710.0, 5593.0, 5591.0, 5310.0, 5365.0, 5667.0 (number of hits: 15)
12	5290	9	1	333	1	5714.0, 5376.0, 5655.0, 5291.0, 5645.0, 5254.0, 5628.0, 5332.0, 5410.0, 5712.0, 5519.0, 5276.0, 5522.0, 5682.0, 5349.0,

						5424.0, 5595.0, 5513.0, 5300.0, 5485.0, 5304.0, 5488.0, 5550.0, 5471.0, 5452.0, 5500.0, 5698.0, 5526.0, 5677.0, 5554.0, 5598.0, 5681.0, 5358.0, 5540.0, 5334.0, 5684.0, 5499.0, 5720.0, 5479.0, 5661.0, 5389.0, 5266.0, 5717.0, 5490.0, 5622.0, 5297.0, 5602.0, 5672.0, 5657.0, 5674.0, 5421.0, 5676.0, 5324.0, 5589.0, 5532.0, 5507.0, 5286.0, 5670.0, 5713.0, 5456.0, 5651.0, 5491.0, 5596.0, 5716.0, 5352.0, 5336.0, 5630.0, 5368.0, 5673.0, 5553.0, 5330.0, 5469.0, 5394.0, 5538.0, 5612.0, 5503.0, 5719.0, 5487.0, 5643.0, 5620.0, 5464.0, 5502.0, 5508.0, 5722.0, 5272.0, 5498.0, 5400.0, 5390.0, 5549.0, 5585.0, 5257.0, 5404.0, 5340.0, 5455.0, 5277.0, 5433.0, 5383.0, 5408.0, 5517.0, 5633.0 (number of hits: 12)
13	5290	9	1	333	1	5564.0, 5303.0, 5645.0, 5614.0, 5278.0, 5292.0, 5620.0, 5361.0, 5282.0, 5542.0, 5548.0, 5558.0, 5637.0, 5311.0, 5366.0, 5667.0, 5495.0, 5309.0, 5444.0, 5651.0, 5568.0, 5720.0, 5399.0, 5301.0, 5335.0, 5320.0, 5721.0, 5402.0, 5328.0, 5529.0, 5457.0, 5396.0, 5250.0, 5261.0, 5290.0, 5692.0, 5535.0, 5685.0, 5688.0, 5478.0, 5362.0, 5599.0, 5644.0, 5440.0, 5439.0, 5376.0, 5616.0, 5544.0, 5604.0, 5691.0, 5628.0, 5485.0, 5650.0, 5562.0, 5294.0, 5334.0, 5327.0, 5536.0, 5505.0, 5355.0, 5647.0, 5315.0, 5640.0, 5302.0, 5670.0, 5696.0, 5611.0, 5546.0, 5666.0, 5518.0, 5714.0, 5359.0, 5571.0, 5417.0, 5287.0, 5326.0, 5494.0, 5286.0, 5574.0, 5631.0, 5678.0, 5337.0, 5596.0, 5636.0, 5428.0, 5681.0, 5471.0, 5413.0, 5580.0, 5672.0, 5443.0, 5540.0, 5643.0, 5682.0, 5293.0, 5456.0, 5460.0, 5398.0, 5550.0, 5463.0 (number of hits: 18)
14	5290	9	1	333	1	5664.0, 5646.0, 5576.0, 5301.0, 5292.0, 5502.0, 5561.0, 5344.0, 5436.0, 5274.0, 5393.0, 5448.0, 5298.0, 5592.0, 5439.0, 5408.0, 5354.0, 5287.0, 5500.0, 5480.0, 5530.0, 5517.0, 5330.0, 5395.0, 5340.0, 5389.0, 5550.0, 5410.0, 5387.0, 5511.0, 5579.0, 5692.0, 5392.0, 5504.0, 5258.0, 5413.0, 5662.0, 5363.0, 5337.0, 5266.0, 5519.0, 5318.0, 5655.0, 5311.0, 5494.0, 5462.0, 5451.0, 5291.0, 5706.0, 5543.0, 5629.0, 5273.0, 5385.0, 5590.0, 5459.0, 5667.0, 5538.0, 5390.0, 5457.0, 5442.0, 5691.0, 5327.0, 5693.0, 5603.0, 5257.0, 5506.0, 5573.0, 5712.0, 5680.0, 5589.0, 5308.0, 5473.0, 5557.0, 5402.0, 5600.0, 5277.0, 5489.0, 5522.0, 5362.0, 5353.0, 5594.0, 5405.0, 5288.0, 5315.0, 5281.0, 5577.0, 5645.0, 5686.0, 5398.0, 5644.0, 5419.0, 5510.0, 5339.0, 5328.0, 5713.0, 5378.0, 5622.0, 5433.0, 5460.0, 5617.0 (number of hits: 18)

15	5290	9	1	333	1	5358.0, 5257.0, 5661.0, 5721.0, 5548.0, 5562.0, 5344.0, 5564.0, 5340.0, 5601.0, 5534.0, 5397.0, 5515.0, 5350.0, 5690.0, 5578.0, 5492.0, 5318.0, 5549.0, 5660.0, 5347.0, 5414.0, 5656.0, 5372.0, 5566.0, 5476.0, 5710.0, 5596.0, 5454.0, 5370.0, 5333.0, 5714.0, 5663.0, 5385.0, 5659.0, 5260.0, 5387.0, 5268.0, 5382.0, 5512.0, 5416.0, 5575.0, 5488.0, 5280.0, 5286.0, 5346.0, 5494.0, 5294.0, 5572.0, 5558.0, 5667.0, 5651.0, 5412.0, 5468.0, 5697.0, 5285.0, 5452.0, 5693.0, 5514.0, 5553.0, 5618.0, 5529.0, 5542.0, 5669.0, 5264.0, 5428.0, 5631.0, 5380.0, 5440.0, 5252.0, 5332.0, 5570.0, 5579.0, 5584.0, 5509.0, 5293.0, 5418.0, 5407.0, 5269.0, 5644.0, 5565.0, 5341.0, 5718.0, 5543.0, 5317.0, 5695.0, 5348.0, 5406.0, 5653.0, 5490.0, 5297.0, 5645.0, 5292.0, 5432.0, 5426.0, 5516.0, 5296.0, 5674.0, 5424.0, 5471.0 (number of hits: 16)
16	5290	9	1	333	1	5638.0, 5354.0, 5401.0, 5290.0, 5335.0, 5324.0, 5546.0, 5392.0, 5514.0, 5586.0, 5624.0, 5302.0, 5255.0, 5618.0, 5258.0, 5558.0, 5494.0, 5399.0, 5407.0, 5695.0, 5418.0, 5306.0, 5457.0, 5317.0, 5353.0, 5614.0, 5530.0, 5288.0, 5569.0, 5289.0, 5490.0, 5271.0, 5567.0, 5651.0, 5459.0, 5659.0, 5424.0, 5300.0, 5523.0, 5612.0, 5536.0, 5640.0, 5683.0, 5451.0, 5268.0, 5277.0, 5548.0, 5254.0, 5662.0, 5647.0, 5591.0, 5359.0, 5555.0, 5656.0, 5364.0, 5512.0, 5491.0, 5340.0, 5580.0, 5690.0, 5363.0, 5676.0, 5693.0, 5463.0, 5697.0, 5611.0, 5427.0, 5688.0, 5652.0, 5267.0, 5251.0, 5583.0, 5292.0, 5578.0, 5434.0, 5492.0, 5483.0, 5355.0, 5489.0, 5460.0, 5493.0, 5486.0, 5649.0, 5686.0, 5670.0, 5450.0, 5532.0, 5657.0, 5721.0, 5544.0, 5308.0, 5437.0, 5470.0, 5504.0, 5386.0, 5720.0, 5322.0, 5313.0, 5464.0, 5272.0 (number of hits: 20)
17	5290	9	1	333	1	5428.0, 5681.0, 5421.0, 5399.0, 5475.0, 5267.0, 5258.0, 5546.0, 5684.0, 5477.0, 5401.0, 5550.0, 5254.0, 5331.0, 5568.0, 5512.0, 5422.0, 5490.0, 5492.0, 5539.0, 5558.0, 5703.0, 5702.0, 5598.0, 5263.0, 5314.0, 5388.0, 5643.0, 5620.0, 5293.0, 5335.0, 5376.0, 5506.0, 5721.0, 5497.0, 5360.0, 5465.0, 5500.0, 5328.0, 5354.0, 5705.0, 5590.0, 5256.0, 5508.0, 5289.0, 5718.0, 5511.0, 5437.0, 5570.0, 5374.0, 5457.0, 5451.0, 5536.0, 5397.0, 5602.0, 5342.0, 5271.0, 5601.0, 5572.0, 5306.0, 5615.0, 5378.0, 5255.0, 5679.0, 5495.0, 5688.0, 5522.0, 5317.0, 5447.0, 5413.0, 5690.0, 5444.0, 5562.0, 5309.0, 5261.0, 5487.0, 5698.0, 5549.0, 5456.0, 5473.0, 5561.0, 5677.0, 5531.0, 5467.0, 5332.0, 5491.0, 5565.0, 5556.0, 5519.0, 5659.0,

						5697.0, 5498.0, 5411.0, 5714.0, 5618.0, 5584.0, 5501.0, 5648.0, 5299.0, 5641.0 (number of hits: 15)
18	5290	9	1	333	1	5506.0, 5315.0, 5260.0, 5312.0, 5556.0, 5622.0, 5509.0, 5414.0, 5662.0, 5480.0, 5512.0, 5478.0, 5649.0, 5626.0, 5251.0, 5596.0, 5464.0, 5554.0, 5601.0, 5536.0, 5503.0, 5633.0, 5292.0, 5522.0, 5406.0, 5704.0, 5370.0, 5359.0, 5645.0, 5664.0, 5651.0, 5692.0, 5298.0, 5265.0, 5327.0, 5502.0, 5639.0, 5561.0, 5600.0, 5520.0, 5442.0, 5553.0, 5710.0, 5303.0, 5625.0, 5609.0, 5263.0, 5409.0, 5364.0, 5501.0, 5322.0, 5389.0, 5351.0, 5606.0, 5591.0, 5475.0, 5344.0, 5613.0, 5648.0, 5672.0, 5452.0, 5523.0, 5637.0, 5546.0, 5630.0, 5347.0, 5661.0, 5437.0, 5584.0, 5709.0, 5424.0, 5687.0, 5529.0, 5592.0, 5369.0, 5429.0, 5706.0, 5360.0, 5524.0, 5694.0, 5308.0, 5451.0, 5657.0, 5671.0, 5574.0, 5305.0, 5569.0, 5701.0, 5425.0, 5343.0, 5307.0, 5483.0, 5484.0, 5568.0, 5456.0, 5316.0, 5515.0, 5372.0, 5386.0, 5314.0 (number of hits: 15)
19	5290	9	1	333	1	5656.0, 5285.0, 5318.0, 5562.0, 5586.0, 5356.0, 5709.0, 5301.0, 5583.0, 5591.0, 5327.0, 5571.0, 5565.0, 5396.0, 5251.0, 5467.0, 5337.0, 5641.0, 5610.0, 5646.0, 5316.0, 5557.0, 5652.0, 5429.0, 5284.0, 5568.0, 5474.0, 5383.0, 5567.0, 5298.0, 5385.0, 5494.0, 5459.0, 5309.0, 5366.0, 5441.0, 5678.0, 5677.0, 5526.0, 5628.0, 5575.0, 5341.0, 5569.0, 5654.0, 5715.0, 5585.0, 5542.0, 5722.0, 5404.0, 5426.0, 5255.0, 5640.0, 5535.0, 5717.0, 5518.0, 5570.0, 5463.0, 5305.0, 5351.0, 5472.0, 5617.0, 5693.0, 5587.0, 5279.0, 5274.0, 5623.0, 5550.0, 5661.0, 5449.0, 5659.0, 5554.0, 5608.0, 5419.0, 5698.0, 5442.0, 5328.0, 5672.0, 5430.0, 5713.0, 5315.0, 5344.0, 5545.0, 5300.0, 5464.0, 5579.0, 5658.0, 5417.0, 5259.0, 5530.0, 5289.0, 5503.0, 5281.0, 5286.0, 5509.0, 5708.0, 5375.0, 5306.0, 5313.0, 5387.0, 5707.0 (number of hits: 20)
20	5290	9	1	333	1	5291.0, 5549.0, 5586.0, 5466.0, 5479.0, 5566.0, 5675.0, 5476.0, 5448.0, 5507.0, 5418.0, 5571.0, 5512.0, 5629.0, 5350.0, 5254.0, 5465.0, 5558.0, 5252.0, 5711.0, 5422.0, 5588.0, 5296.0, 5541.0, 5639.0, 5707.0, 5489.0, 5272.0, 5679.0, 5393.0, 5561.0, 5663.0, 5569.0, 5636.0, 5376.0, 5553.0, 5641.0, 5452.0, 5425.0, 5660.0, 5262.0, 5263.0, 5266.0, 5253.0, 5398.0, 5459.0, 5320.0, 5504.0, 5469.0, 5408.0, 5545.0, 5317.0, 5380.0, 5497.0, 5620.0, 5397.0, 5407.0, 5391.0, 5626.0, 5463.0, 5357.0, 5464.0, 5321.0, 5268.0, 5591.0, 5604.0, 5677.0, 5511.0, 5275.0, 5450.0, 5475.0, 5325.0, 5274.0, 5360.0, 5612.0,

						5670.0, 5462.0, 5613.0, 5492.0, 5424.0, 5680.0, 5546.0, 5568.0, 5445.0, 5608.0, 5661.0, 5308.0, 5387.0, 5413.0, 5532.0, 5538.0, 5328.0, 5666.0, 5355.0, 5651.0, 5701.0, 5671.0, 5576.0, 5678.0, 5486.0 (number of hits: 17)
21	5290	9	1	333	1	5451.0, 5478.0, 5256.0, 5254.0, 5600.0, 5632.0, 5469.0, 5683.0, 5342.0, 5631.0, 5464.0, 5430.0, 5528.0, 5669.0, 5259.0, 5708.0, 5543.0, 5413.0, 5530.0, 5367.0, 5296.0, 5312.0, 5294.0, 5503.0, 5390.0, 5360.0, 5715.0, 5589.0, 5323.0, 5703.0, 5502.0, 5685.0, 5679.0, 5560.0, 5280.0, 5561.0, 5558.0, 5261.0, 5408.0, 5369.0, 5601.0, 5266.0, 5400.0, 5338.0, 5305.0, 5639.0, 5535.0, 5447.0, 5586.0, 5270.0, 5467.0, 5366.0, 5604.0, 5373.0, 5255.0, 5476.0, 5646.0, 5348.0, 5696.0, 5299.0, 5659.0, 5654.0, 5649.0, 5593.0, 5507.0, 5645.0, 5257.0, 5721.0, 5642.0, 5379.0, 5506.0, 5688.0, 5611.0, 5392.0, 5482.0, 5384.0, 5341.0, 5519.0, 5623.0, 5438.0, 5595.0, 5520.0, 5372.0, 5653.0, 5690.0, 5637.0, 5272.0, 5354.0, 5309.0, 5498.0, 5262.0, 5531.0, 5664.0, 5501.0, 5687.0, 5529.0, 5301.0, 5311.0, 5273.0, 5448.0 (number of hits: 21)
22	5290	9	1	333	1	5627.0, 5562.0, 5639.0, 5359.0, 5595.0, 5454.0, 5718.0, 5452.0, 5496.0, 5443.0, 5281.0, 5440.0, 5311.0, 5570.0, 5473.0, 5699.0, 5320.0, 5585.0, 5396.0, 5428.0, 5622.0, 5406.0, 5296.0, 5336.0, 5365.0, 5471.0, 5641.0, 5404.0, 5261.0, 5691.0, 5304.0, 5426.0, 5656.0, 5711.0, 5715.0, 5282.0, 5519.0, 5501.0, 5524.0, 5716.0, 5502.0, 5712.0, 5685.0, 5482.0, 5430.0, 5647.0, 5616.0, 5663.0, 5266.0, 5490.0, 5655.0, 5613.0, 5403.0, 5504.0, 5599.0, 5300.0, 5401.0, 5351.0, 5251.0, 5590.0, 5250.0, 5346.0, 5445.0, 5516.0, 5697.0, 5667.0, 5582.0, 5498.0, 5382.0, 5604.0, 5694.0, 5500.0, 5409.0, 5528.0, 5489.0, 5439.0, 5412.0, 5416.0, 5446.0, 5386.0, 5294.0, 5602.0, 5535.0, 5578.0, 5698.0, 5547.0, 5398.0, 5636.0, 5543.0, 5302.0, 5469.0, 5309.0, 5722.0, 5684.0, 5414.0, 5556.0, 5717.0, 5352.0, 5253.0, 5608.0 (number of hits: 13)
23	5290	9	1	333	1	5438.0, 5661.0, 5319.0, 5424.0, 5377.0, 5705.0, 5382.0, 5303.0, 5544.0, 5644.0, 5616.0, 5385.0, 5508.0, 5724.0, 5368.0, 5346.0, 5411.0, 5465.0, 5707.0, 5483.0, 5430.0, 5421.0, 5609.0, 5389.0, 5683.0, 5415.0, 5521.0, 5258.0, 5470.0, 5278.0, 5520.0, 5595.0, 5294.0, 5434.0, 5612.0, 5488.0, 5510.0, 5496.0, 5296.0, 5632.0, 5358.0, 5388.0, 5614.0, 5649.0, 5328.0, 5264.0, 5454.0, 5546.0, 5325.0, 5567.0, 5719.0, 5650.0, 5596.0, 5252.0, 5720.0, 5364.0, 5457.0, 5526.0, 5579.0, 5316.0,

						5407.0, 5267.0, 5473.0, 5690.0, 5396.0, 5458.0, 5561.0, 5723.0, 5286.0, 5537.0, 5334.0, 5380.0, 5491.0, 5610.0, 5657.0, 5444.0, 5417.0, 5314.0, 5381.0, 5640.0, 5429.0, 5531.0, 5641.0, 5269.0, 5474.0, 5638.0, 5317.0, 5715.0, 5637.0, 5669.0, 5588.0, 5270.0, 5374.0, 5619.0, 5527.0, 5566.0, 5360.0, 5453.0, 5349.0, 5701.0 (number of hits: 16)
24	5290	9	1	333	1	5425.0, 5443.0, 5353.0, 5444.0, 5531.0, 5548.0, 5305.0, 5298.0, 5374.0, 5496.0, 5399.0, 5350.0, 5688.0, 5647.0, 5644.0, 5381.0, 5473.0, 5324.0, 5506.0, 5410.0, 5346.0, 5561.0, 5625.0, 5695.0, 5461.0, 5540.0, 5384.0, 5352.0, 5535.0, 5398.0, 5690.0, 5467.0, 5332.0, 5723.0, 5351.0, 5403.0, 5417.0, 5341.0, 5696.0, 5483.0, 5557.0, 5284.0, 5547.0, 5445.0, 5275.0, 5348.0, 5614.0, 5569.0, 5504.0, 5530.0, 5552.0, 5659.0, 5572.0, 5486.0, 5510.0, 5720.0, 5415.0, 5630.0, 5458.0, 5704.0, 5460.0, 5686.0, 5539.0, 5512.0, 5595.0, 5716.0, 5501.0, 5274.0, 5310.0, 5386.0, 5705.0, 5654.0, 5601.0, 5519.0, 5542.0, 5321.0, 5263.0, 5388.0, 5650.0, 5257.0, 5718.0, 5438.0, 5447.0, 5517.0, 5489.0, 5357.0, 5446.0, 5416.0, 5636.0, 5640.0, 5442.0, 5434.0, 5469.0, 5623.0, 5722.0, 5570.0, 5599.0, 5479.0, 5509.0, 5355.0 (number of hits: 10)
25	5290	9	1	333	1	5350.0, 5327.0, 5260.0, 5658.0, 5255.0, 5419.0, 5674.0, 5654.0, 5334.0, 5370.0, 5348.0, 5426.0, 5548.0, 5317.0, 5361.0, 5265.0, 5337.0, 5527.0, 5377.0, 5610.0, 5605.0, 5476.0, 5320.0, 5578.0, 5523.0, 5495.0, 5680.0, 5473.0, 5593.0, 5436.0, 5703.0, 5363.0, 5261.0, 5546.0, 5607.0, 5682.0, 5670.0, 5563.0, 5652.0, 5490.0, 5489.0, 5256.0, 5380.0, 5468.0, 5307.0, 5681.0, 5691.0, 5584.0, 5364.0, 5525.0, 5556.0, 5287.0, 5269.0, 5394.0, 5357.0, 5266.0, 5644.0, 5373.0, 5653.0, 5592.0, 5451.0, 5297.0, 5628.0, 5639.0, 5282.0, 5263.0, 5582.0, 5707.0, 5609.0, 5443.0, 5429.0, 5345.0, 5594.0, 5624.0, 5441.0, 5541.0, 5465.0, 5407.0, 5432.0, 5433.0, 5344.0, 5471.0, 5258.0, 5312.0, 5534.0, 5622.0, 5638.0, 5494.0, 5428.0, 5313.0, 5694.0, 5372.0, 5568.0, 5289.0, 5701.0, 5668.0, 5664.0, 5637.0, 5551.0, 5362.0 (number of hits: 19)
26	5290	9	1	333	1	5650.0, 5719.0, 5307.0, 5685.0, 5418.0, 5582.0, 5309.0, 5381.0, 5265.0, 5296.0, 5254.0, 5350.0, 5543.0, 5463.0, 5484.0, 5664.0, 5580.0, 5294.0, 5453.0, 5385.0, 5695.0, 5649.0, 5434.0, 5549.0, 5283.0, 5705.0, 5607.0, 5273.0, 5512.0, 5557.0, 5437.0, 5502.0, 5635.0, 5619.0, 5667.0, 5622.0, 5624.0, 5694.0, 5319.0, 5410.0, 5592.0, 5714.0, 5477.0, 5547.0, 5671.0,

						5503.0, 5693.0, 5318.0, 5682.0, 5552.0, 5301.0, 5478.0, 5403.0, 5626.0, 5258.0, 5394.0, 5379.0, 5518.0, 5280.0, 5550.0, 5654.0, 5306.0, 5392.0, 5424.0, 5376.0, 5642.0, 5348.0, 5316.0, 5566.0, 5500.0, 5390.0, 5337.0, 5511.0, 5422.0, 5702.0, 5492.0, 5362.0, 5590.0, 5716.0, 5274.0, 5303.0, 5653.0, 5578.0, 5292.0, 5558.0, 5611.0, 5330.0, 5375.0, 5507.0, 5523.0, 5469.0, 5556.0, 5707.0, 5567.0, 5305.0, 5709.0, 5421.0, 5299.0, 5493.0, 5349.0 (number of hits: 20)
27	5290	9	1	333	1	5357.0, 5452.0, 5491.0, 5530.0, 5714.0, 5294.0, 5489.0, 5314.0, 5287.0, 5426.0, 5358.0, 5676.0, 5523.0, 5395.0, 5434.0, 5282.0, 5535.0, 5341.0, 5432.0, 5454.0, 5360.0, 5347.0, 5628.0, 5484.0, 5647.0, 5425.0, 5289.0, 5405.0, 5667.0, 5255.0, 5575.0, 5375.0, 5302.0, 5645.0, 5293.0, 5440.0, 5388.0, 5662.0, 5310.0, 5699.0, 5311.0, 5494.0, 5392.0, 5674.0, 5700.0, 5550.0, 5412.0, 5270.0, 5713.0, 5657.0, 5644.0, 5559.0, 5312.0, 5560.0, 5477.0, 5501.0, 5643.0, 5313.0, 5419.0, 5599.0, 5525.0, 5458.0, 5637.0, 5490.0, 5642.0, 5398.0, 5672.0, 5386.0, 5561.0, 5630.0, 5422.0, 5720.0, 5602.0, 5343.0, 5336.0, 5355.0, 5369.0, 5540.0, 5665.0, 5608.0, 5333.0, 5506.0, 5320.0, 5378.0, 5542.0, 5723.0, 5453.0, 5277.0, 5593.0, 5572.0, 5404.0, 5663.0, 5399.0, 5652.0, 5352.0, 5578.0, 5719.0, 5401.0, 5521.0, 5557.0 (number of hits: 15)
28	5290	9	1	333	1	5715.0, 5428.0, 5473.0, 5383.0, 5538.0, 5396.0, 5272.0, 5567.0, 5386.0, 5616.0, 5364.0, 5539.0, 5652.0, 5457.0, 5338.0, 5671.0, 5398.0, 5642.0, 5300.0, 5656.0, 5353.0, 5577.0, 5391.0, 5489.0, 5572.0, 5612.0, 5701.0, 5537.0, 5547.0, 5327.0, 5561.0, 5329.0, 5608.0, 5530.0, 5293.0, 5275.0, 5448.0, 5520.0, 5515.0, 5545.0, 5349.0, 5533.0, 5657.0, 5296.0, 5667.0, 5663.0, 5437.0, 5411.0, 5707.0, 5559.0, 5446.0, 5297.0, 5462.0, 5320.0, 5357.0, 5463.0, 5439.0, 5340.0, 5484.0, 5455.0, 5721.0, 5500.0, 5276.0, 5470.0, 5646.0, 5573.0, 5661.0, 5417.0, 5440.0, 5333.0, 5395.0, 5385.0, 5359.0, 5433.0, 5449.0, 5478.0, 5607.0, 5334.0, 5412.0, 5639.0, 5666.0, 5555.0, 5643.0, 5480.0, 5497.0, 5408.0, 5654.0, 5697.0, 5438.0, 5698.0, 5712.0, 5494.0, 5436.0, 5535.0, 5401.0, 5332.0, 5621.0, 5689.0, 5635.0, 5710.0 (number of hits: 9)
29	5290	9	1	333	1	5287.0, 5483.0, 5299.0, 5254.0, 5707.0, 5703.0, 5599.0, 5490.0, 5577.0, 5551.0, 5686.0, 5395.0, 5698.0, 5292.0, 5579.0, 5473.0, 5392.0, 5460.0, 5509.0, 5543.0, 5420.0, 5536.0, 5300.0, 5263.0, 5525.0, 5286.0, 5721.0, 5697.0, 5315.0, 5516.0,

						5658.0, 5387.0, 5418.0, 5463.0, 5557.0, 5343.0, 5443.0, 5702.0, 5666.0, 5410.0, 5452.0, 5669.0, 5530.0, 5336.0, 5641.0, 5520.0, 5685.0, 5260.0, 5447.0, 5559.0, 5291.0, 5583.0, 5266.0, 5533.0, 5318.0, 5354.0, 5687.0, 5706.0, 5338.0, 5414.0, 5472.0, 5692.0, 5618.0, 5715.0, 5488.0, 5531.0, 5625.0, 5445.0, 5663.0, 5714.0, 5466.0, 5468.0, 5359.0, 5569.0, 5585.0, 5554.0, 5681.0, 5407.0, 5654.0, 5278.0, 5694.0, 5296.0, 5319.0, 5567.0, 5673.0, 5546.0, 5384.0, 5416.0, 5289.0, 5264.0, 5613.0, 5542.0, 5256.0, 5316.0, 5556.0, 5668.0, 5607.0, 5648.0, 5363.0, 5424.0 (number of hits: 19)
30	5290	9	1	333	1	5617.0, 5290.0, 5648.0, 5493.0, 5277.0, 5705.0, 5270.0, 5403.0, 5673.0, 5397.0, 5625.0, 5319.0, 5274.0, 5288.0, 5566.0, 5592.0, 5514.0, 5666.0, 5511.0, 5308.0, 5498.0, 5393.0, 5594.0, 5714.0, 5706.0, 5602.0, 5371.0, 5291.0, 5475.0, 5410.0, 5502.0, 5450.0, 5376.0, 5331.0, 5695.0, 5539.0, 5366.0, 5550.0, 5345.0, 5468.0, 5708.0, 5700.0, 5456.0, 5691.0, 5499.0, 5503.0, 5707.0, 5305.0, 5535.0, 5386.0, 5660.0, 5398.0, 5460.0, 5286.0, 5495.0, 5408.0, 5516.0, 5697.0, 5585.0, 5440.0, 5314.0, 5321.0, 5563.0, 5679.0, 5260.0, 5346.0, 5411.0, 5555.0, 5457.0, 5479.0, 5343.0, 5723.0, 5425.0, 5292.0, 5276.0, 5671.0, 5254.0, 5600.0, 5327.0, 5443.0, 5448.0, 5580.0, 5497.0, 5427.0, 5557.0, 5382.0, 5645.0, 5718.0, 5517.0, 5358.0, 5474.0, 5335.0, 5558.0, 5613.0, 5547.0, 5560.0, 5586.0, 5258.0, 5639.0, 5306.0 (number of hits: 19)

5250 MHz, 155 MHz Occupied Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	100 %	60%	Pass
Type 3	30	100 %	60%	Pass
Type 4	30	83.3 %	60%	Pass
Aggregate (Type1 to 4)	120	95.8 %	80%	Pass
Type 5	30	93.3 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	18	1	3066	1
2	5250	61	1	878	1
3	5250	92	1	578	1
4	5250	70	1	758	1
5	5250	89	1	598	1
6	5290	67	1	798	1
7	5290	57	1	938	1
8	5290	81	1	658	1
9	5290	65	1	818	1
10	5290	63	1	838	1
11	5327.5	83	1	638	1
12	5327.5	72	1	738	1
13	5327.5	78	1	678	1
14	5327.5	102	1	518	1
15	5327.5	74	1	718	1
16	5250	18	1	2985	1
17	5250	41	1	1315	1
18	5250	89	1	595	1
19	5250	33	1	1629	1
20	5250	38	1	1403	1
21	5290	36	1	1503	1
22	5290	28	1	1952	1
23	5290	49	1	1089	1
24	5290	43	1	1237	1
25	5290	98	1	540	1
26	5327.5	24	1	2209	1
27	5327.5	28	1	1936	1
28	5327.5	27	1	2002	1
29	5327.5	27	1	2000	1
30	5327.5	19	1	2825	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	26	3.4	202	1
2	5250	25	2.9	165	1
3	5250	24	4.2	220	1
4	5250	24	4.8	198	1
5	5250	27	4.5	227	1
6	5250	24	5	192	1
7	5250	26	1.4	189	1
8	5250	28	2.9	205	1
9	5250	23	4	225	1
10	5250	29	4.9	225	1
11	5290	23	2.9	171	1
12	5290	24	3.9	208	1
13	5290	24	1.4	215	1
14	5290	27	1.4	210	1
15	5290	23	1	175	1
16	5290	25	4.6	228	1
17	5290	24	2	220	1
18	5290	28	2.7	215	1
19	5290	25	1.5	170	1
20	5290	24	2.9	192	1
21	5327.5	25	1.3	159	1
22	5327.5	27	1.3	174	1
23	5327.5	26	3.2	170	1
24	5327.5	29	5	226	1
25	5327.5	24	4	204	1
26	5327.5	23	1.6	188	1
27	5327.5	24	3.2	157	1
28	5327.5	26	3.9	184	1
29	5327.5	28	1.2	159	1
30	5327.5	25	2	201	1
Detection Percentage: 100 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	18	10	324	1
2	5250	18	10	466	1
3	5250	18	6.7	360	1
4	5250	18	7.8	403	1
5	5250	16	7.5	313	1
6	5250	16	8.8	222	1
7	5250	18	7	415	1
8	5250	16	6.3	239	1
9	5250	17	9.5	350	1
10	5250	16	6.9	404	1
11	5290	16	8.6	395	1
12	5290	18	7	288	1
13	5290	17	6.1	404	1
14	5290	17	7.9	204	1
15	5290	16	6.6	339	1
16	5290	17	8.5	421	1
17	5290	18	9.3	272	1
18	5290	16	8.4	318	1
19	5290	18	7.5	454	1
20	5290	17	7.7	427	1
21	5327.5	16	7.7	201	1
22	5327.5	18	8.7	330	1
23	5327.5	16	9.9	243	1
24	5327.5	17	9.2	391	1
25	5327.5	16	9	425	1
26	5327.5	16	6.3	240	1
27	5327.5	16	6.9	440	1
28	5327.5	16	6.4	404	1
29	5327.5	18	9.8	421	1
30	5327.5	17	9.9	353	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5250	13	12.2	450	1
2	5250	15	12.9	252	1
3	5250	12	12.9	318	1
4	5250	13	12.9	488	1
5	5250	16	14.3	478	1
6	5250	12	14.6	421	1
7	5250	14	16.1	261	1
8	5250	13	17.9	388	1
9	5250	16	19.2	474	0
10	5250	13	15.2	292	1
11	5290	14	17.2	458	1
12	5290	12	14.1	350	1
13	5290	13	17.1	468	1
14	5290	15	16	261	0
15	5290	13	11.1	445	1
16	5290	13	16.4	452	1
17	5290	16	17	230	0
18	5290	15	15.2	334	1
19	5290	14	17.3	366	1
20	5290	15	19.1	486	1
21	5327.5	12	14.2	329	1
22	5327.5	13	12	361	1
23	5327.5	13	14.7	444	1
24	5327.5	12	18.4	201	1
25	5327.5	13	14.3	406	1
26	5327.5	14	19.2	459	1
27	5327.5	13	15.8	349	0
28	5327.5	13	19.2	411	0
29	5327.5	13	19.2	355	1
30	5327.5	15	17.2	468	1
Detection Percentage: 83.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5290	1
2	5290	1
3	5290	1
4	5290	1
5	5290	1
6	5290	1
7	5290	1
8	5290	1
9	5290	1
10	5290	1
11	5253.6	1
12	5255.2	1
13	5254.0	1
14	5254.0	1
15	5256.0	1
16	5256.4	1
17	5253.2	1
18	5257.6	1
19	5256.4	1
20	5252.8	1
21	5323.9	1
22	5324.4	1
23	5325.6	1
24	5324.4	1
25	5321.1	0
26	5326.8	1
27	5322.8	1
28	5323.1	1
29	5326.8	1
30	5320.8	0
Detection Percentage: 93.3 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	66.3			0.583628	1
1	2	6	69.4	1393		1.006288	
2	2	6	63.2	1922		1.793679	
3	2	6	61.4	1432		2.58446	
4	1	6	70.4			3.106797	
5	2	6	83.3	1875		3.605255	
6	3	6	65.2	1029	1186	4.173891	
7	2	6	63.4	1491		4.989568	
8	2	6	57.1	1133		5.417613	
9	2	6	60.2	1252		6.320698	
10	1	6	97.3			7.241259	
11	1	6	60.6			7.407161	
12	2	6	52.7	1552		8.562754	
13	1	6	55.6			9.236902	
14	2	6	90.4	1826		9.715417	
15	3	6	74.8	1616	1429	10.172733	
16	2	6	94.4	1084		10.897434	
17	3	6	80.6	1090	1375	11.572336	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	95.5	1831		0.586774	
1	1	9	88.4			0.940978	
2	3	9	86.4	1092	1033	1.716599	
3	1	9	65.7			2.473816	
4	2	9	90.2	1158		2.72491	
5	2	9	54	1940		3.776151	
6	1	9	71.2			3.952791	
7	1	9	50.4			5.036942	
8	2	9	99.1	1330		5.543502	
9	1	9	50.9			6.274271	1
10	2	9	53.3	1111		6.704845	
11	1	9	54.4			7.306625	
12	1	9	95.2			7.672436	
13	1	9	77.3			8.656692	
14	3	9	77	1424	1946	9.259003	
15	2	9	70.1	1593		9.896383	
16	2	9	58.2	1804		10.503042	
17	3	9	69.5	1634	1542	11.166916	
18	3	9	61.9	1681	1947	11.55974	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	70.4	1183		0.407965	1
1	1	11	89.7			0.961665	
2	3	11	80.8	1150	1323	2.621695	
3	1	11	76.7			2.775476	
4	2	11	92.2	1747		4.417129	
5	3	11	83.9	1537	1174	4.962748	
6	2	11	95.9	1508		5.660698	
7	3	11	65.8	1789	1694	7.25184	
8	2	11	58.5	1659		7.791494	
9	1	11	78.2			8.602529	
10	2	11	80.9	1429		9.30269	
11	1	11	86.7			10.550032	
12	3	11	91.3	1870	1858	11.399668	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	69.5	1736		0.897745	1
1	2	15	78	1252		1.915576	
2	1	15	82.3			2.818942	
3	2	15	59.3	1926		3.979879	
4	2	15	51	1672		4.542772	
5	2	15	79.9	1621		6.189392	
6	3	15	66	1557	1937	7.064581	
7	2	15	61.5	1948		8.53201	
8	2	15	93.6	1811		9.294715	
9	2	15	57	1303		10.019614	
10	2	15	55.4	1560		11.236252	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	51.3	1395		0.520458	1
1	2	9	62.5	1628		1.21999	
2	2	9	95.6	1062		1.534377	
3	2	9	77.7	1814		2.101558	
4	1	9	54.8			2.855698	
5	2	9	89.7	1312		3.714382	
6	1	9	70.4			4.425861	
7	2	9	79.6	1410		4.667968	
8	3	9	76.9	1137	1376	5.513115	
9	1	9	70			6.370762	
10	1	9	68.6			7.075104	
11	3	9	62.4	1587	1092	7.98334	
12	2	9	80.8	1449		8.013072	
13	2	9	96.2	1297		8.796237	
14	2	9	58.1	1543		9.441866	
15	1	9	97.2			10.507057	
16	3	9	62.3	1549	1492	10.798279	
17	3	9	95.8	1325	1214	11.406987	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	82.9			0.684049	1
1	1	7	86			1.676058	
2	2	7	70.2	1089		2.895707	
3	2	7	78.3	1072		3.272631	
4	2	7	77.1	1307		4.408334	
5	1	7	56.4			5.073036	
6	2	7	92.7	1138		6.13805	
7	2	7	77.3	1522		7.818068	
8	3	7	57.9	1089	1044	8.543552	
9	1	7	75.7			9.776983	
10	2	7	80	1374		10.910893	
11	1	7	77.5			11.164215	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	51.7			0.811215	1
1	1	6	68.9			1.439209	
2	2	6	88.1	1260		1.864873	
3	1	6	72.5			2.995221	
4	2	6	66.7	1473		4.274408	
5	2	6	63.3	1755		4.638868	
6	2	6	95.2	1853		5.649807	
7	3	6	67.4	1118	1496	7.134584	
8	1	6	53.1			7.516785	
9	1	6	63.6			9.142927	
10	2	6	80.7	1542		9.744681	
11	2	6	81.2	1252		10.775221	
12	2	6	90.2	1813		11.59987	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	65.2			0.63928	1
1	3	14	53.4	1586	1037	1.562563	
2	3	14	96.5	1220	1175	2.598729	
3	2	14	91.8	1957		4.277214	
4	3	14	52.7	1047	1230	5.916898	
5	2	14	72.3	1818		6.280067	
6	2	14	55.5	1249		8.095527	
7	2	14	57.5	1033		9.037906	
8	2	14	57.4	1103		10.31044	
9	1	14	84.9			10.842078	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	94.8			1.028935	1
1	3	14	69.3	1996	1475	1.831515	
2	3	14	66.5	1924	1318	4.446576	
3	1	14	69.5			5.720137	
4	1	14	60.4			6.431719	
5	1	14	83.3			8.60431	
6	1	14	67			9.112369	
7	2	14	99.7	1004		11.192928	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	66.5	1018		0.671335	1
1	2	6	51.8	1860		2.270114	
2	1	6	52.2			3.309512	
3	3	6	89.1	1481	1003	4.955188	
4	2	6	70.8	1490		7.494618	
5	3	6	92.5	1359	1489	8.119283	
6	3	6	72	1537	1578	9.187944	
7	3	6	91	1801	1899	11.238767	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	87.4	1865	1342	0.319344	1
1	2	9	51.8	1759		0.770675	
2	3	9	88.4	1290	1821	1.434149	
3	2	9	82.1	1365		2.258555	
4	3	9	54	1119	1802	2.800229	
5	2	9	77.4	1838		3.345377	
6	2	9	83.1	1127		4.194808	
7	2	9	51	1117		4.40815	
8	3	9	99.5	1774	1093	5.087382	
9	2	9	54.8	1187		5.976617	
10	2	9	78.8	1780		6.325306	
11	2	9	98.6	1414		6.634433	
12	3	9	66.2	1736	1353	7.677199	
13	2	9	52.6	1748		7.804832	
14	2	9	75.1	1127		8.921839	
15	3	9	79	1395	1888	9.055968	
16	2	9	66.8	1920		9.976546	
17	2	9	75.3	1559		10.732719	
18	2	9	65.7	1872		11.081724	
19	3	9	53.6	1393	1376	11.792423	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	99.8	1234		0.477464	1
1	3	13	60.2	1023	1619	1.432562	
2	2	13	60.7	1969		2.759158	
3	1	13	68.5			4.700814	
4	2	13	60.8	1940		5.589185	
5	3	13	96	1981	1558	6.716185	
6	2	13	96.1	1189		8.88083	
7	1	13	52.9			9.817642	
8	2	13	59.7	1847		10.912907	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	61.9			0.533184	
1	2	10	86.5	1190		1.596405	
2	2	10	91.8	1806		2.712724	
3	3	10	63.3	1144	1037	3.642981	
4	1	10	92			3.834332	
5	3	10	79.1	1715	1390	5.410497	
6	1	10	72.5			6.185291	1
7	3	10	52	1549	1478	6.903423	
8	1	10	54.6			7.663333	
9	2	10	52.8	1876		8.588786	
10	1	10	73			9.839698	
11	3	10	95.9	1021	1767	10.231547	
12	1	10	83.8			11.657039	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	80.2	1372		0.474283	
1	1	10	87.4			0.94228	
2	2	10	57.2	1226		1.534172	
3	3	10	74.7	1619	1040	2.329992	
4	3	10	63.2	1777	1417	2.934035	
5	1	10	85.7			3.684595	
6	2	10	77.8	1321		4.23346	
7	1	10	53.6			4.911408	
8	2	10	54.9	1960		5.456404	
9	3	10	98.2	1251	1303	6.009506	1
10	2	10	89.3	1530		6.535645	
11	2	10	79.3	1609		7.173806	
12	2	10	69.4	1315		8.114077	
13	3	10	85.4	1036	1169	8.317868	
14	1	10	75.4			8.956151	
15	2	10	64.5	1703		9.920882	
16	2	10	70.6	1817		10.196208	
17	3	10	99.1	1389	1948	10.981232	
18	3	10	62	1671	1358	11.601614	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	88	1182		0.526788	
1	2	15	75.9	1616		1.184415	
2	2	15	57.2	1413		1.424643	
3	3	15	66.4	1127	1208	2.463046	
4	3	15	69.1	1040	1343	3.087211	
5	2	15	93.3	1403		3.70396	
6	3	15	55	1307	1714	3.882058	
7	3	15	93.8	1524	1313	4.516269	
8	2	15	85.2	1441		5.657318	
9	2	15	66.4	1504		5.929372	1
10	2	15	95.2	1802		6.869029	
11	2	15	87.8	1571		7.044032	
12	1	15	60.3			7.72981	
13	3	15	80	1697	1794	8.680291	
14	2	15	97.6	1023		9.191088	
15	1	15	58			9.817005	
16	1	15	95.3			10.425561	
17	3	15	91.3	1099	1224	11.225874	
18	3	15	77.3	1496	1800	11.651441	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	51.7	1359		0.314468	
1	2	16	94	1253		0.884806	
2	2	16	84.2	1370		1.764718	
3	2	16	81	1660		2.446361	
4	1	16	81.4			2.98807	
5	3	16	67.8	1721	1731	3.717058	
6	2	16	54.5	1936		4.270953	
7	2	16	78.3	1025		5.457561	
8	3	16	83.6	1263	1839	6.102333	1
9	1	16	80.8			6.880791	
10	2	16	50.4	1694		7.707167	
11	2	16	62.2	1461		8.238585	
12	1	16	69			9.051535	
13	1	16	81.1			9.381122	
14	2	16	88.6	1043		9.883686	
15	2	16	55.9	1580		11.02372	
16	2	16	98.6	1229		11.88353	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	72.2			0.743688	1
1	2	8	82.9	1303		1.167969	
2	3	8	57.8	1688	1101	1.948696	
3	3	8	54.1	1049	1005	2.662996	
4	2	8	67.4	1589		4.102583	
5	2	8	92.8	1867		4.302055	
6	2	8	99.4	1665		5.462926	
7	1	8	84.1			6.550843	
8	1	8	74.8			7.324613	
9	1	8	79			7.961012	
10	1	8	67.3			8.857336	
11	1	8	82.1			9.991601	
12	2	8	59.9	1653		10.912547	
13	3	8	84.3	1848	1122	11.166983	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	85.4	1352	1451	0.653382	1
1	1	19	55.4			1.228673	
2	2	19	73.6	1003		2.38071	
3	2	19	75.3	1673		2.62465	
4	2	19	81.2	1552		3.694074	
5	2	19	61.6	1134		4.586251	
6	2	19	65.9	1614		5.545578	
7	1	19	54.8			6.497572	
8	2	19	52.1	1812		7.538777	
9	1	19	80			7.990365	
10	2	19	72.3	1626		9.209163	
11	2	19	61.1	1294		9.633506	
12	2	19	98.4	1386		10.613149	
13	1	19	53.2			11.646512	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	75.4	1136		0.752753	
1	3	16	54.9	1593	1099	1.738128	
2	3	16	85.6	1009	1621	2.613557	
3	3	16	82.5	1252	1216	3.6624	
4	2	16	62.3	1489		4.980391	
5	2	16	79.4	1605		5.996215	1
6	3	16	83.2	1270	1959	6.932351	
7	2	16	55.8	1413		8.555592	
8	2	16	70.2	1191		9.240447	
9	3	16	57.6	1166	1528	10.261482	
10	3	16	98.6	1309	1511	11.236972	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	61.6	1775		0.420801	
1	3	7	95.5	1453	1065	1.035433	
2	3	7	69.2	1725	1899	1.690603	
3	3	7	59.4	1209	1235	2.358208	
4	2	7	94.3	1324		3.09621	
5	1	7	79.3			3.175475	
6	2	7	96.2	1033		4.035255	
7	2	7	78.7	1122		4.693216	
8	1	7	66.7			5.406609	
9	2	7	63.6	1070		5.869327	1
10	2	7	64.5	1021		6.788194	
11	2	7	86.8	1113		7.430013	
12	3	7	69.4	1254	1147	7.906528	
13	3	7	53.5	1160	1785	8.228122	
14	2	7	92.2	1978		8.955022	
15	1	7	91.5			9.951421	
16	3	7	61.9	1004	1810	10.2464	
17	3	7	87.5	1587	1018	10.901411	
18	2	7	85.6	1321		11.896369	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	57.3			1.163842	
1	2	12	91.7	1885		1.544086	
2	1	12	94.3			3.062192	
3	2	12	88.1	1579		5.222262	
4	3	12	83.5	1181	1935	5.467159	1
5	2	12	96.2	1544		7.886152	
6	3	12	72.2	1295	1466	8.701283	
7	2	12	87.8	1852		10.156051	
8	1	12	51.7			11.993255	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	89.7	1873		0.052679	
1	1	11	57.2			2.494107	
2	2	11	55.3	1172		2.781024	
3	1	11	56.7			4.247318	
4	3	11	62.4	1656	1424	6.437153	1
5	3	11	93.4	1035	1748	7.839586	
6	2	11	75.1	1362		8.681414	
7	1	11	73.2			9.889586	
8	1	11	83.7			11.862501	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	70.7	1435		0.743803	1
1	2	8	63.4	1109		1.189034	
2	1	8	69.3			1.724581	
3	3	8	89.7	1112	1505	2.909226	
4	3	8	56	1090	1368	3.35257	
5	3	8	70.2	1798	1621	3.834208	
6	2	8	79.7	1938		5.103971	
7	2	8	74.6	1829		5.565512	
8	2	8	99.6	1021		6.503956	
9	1	8	54.2			6.921309	
10	2	8	83.4	1580		7.987516	
11	1	8	66.1			8.6228	
12	3	8	54.7	1148	1437	9.474878	
13	2	8	50.9	1968		10.313164	
14	2	8	94.8	1724		10.719873	
15	3	8	61.4	1198	1363	11.90215	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	89.2	1510		0.377437	1
1	2	11	93.2	1491		1.469988	
2	2	11	84.8	1144		2.166758	
3	2	11	62.4	1375		2.82417	
4	2	11	62.9	1435		3.649671	
5	1	11	61.7			4.425358	
6	2	11	83.6	1663		4.75149	
7	1	11	94.8			5.496894	
8	1	11	78.5			6.318125	
9	1	11	95.5			7.290886	
10	2	11	95.4	1514		7.942089	
11	2	11	71.2	1215		8.699603	
12	2	11	83.3	1447		9.654137	
13	1	11	68			10.126647	
14	2	11	54.9	1591		10.704898	
15	2	11	67.3	1945		11.98696	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	19	50.7	1813		0.389474	0
1	2	19	91.9	1074		1.438534	
2	2	19	66.4	1611		2.143463	
3	1	19	98.6			2.472485	
4	3	19	96	1723	1985	3.227551	
5	1	19	96.9			3.880097	
6	3	19	72.3	1015	1591	5.055831	
7	2	19	96.3	1326		5.766378	
8	2	19	85.6	1070		6.008692	
9	2	19	98.8	1965		7.463889	
10	1	19	82.8			7.505393	
11	2	19	54.8	1548		8.76108	
12	2	19	82.1	1779		9.521715	
13	3	19	87.4	1587	1490	10.448364	
14	2	19	99.1	1450		10.627251	
15	1	19	80.2			11.286569	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	60.9	1418	1739	0.289186	1
1	1	5	80.2			1.436582	
2	3	5	92.5	1870	1634	2.62262	
3	1	5	87.9			3.537119	
4	2	5	78.6	1516		4.241643	
5	3	5	66.1	1695	1640	5.350667	
6	1	5	87			6.000264	
7	2	5	76.5	1866		7.247154	
8	1	5	89.4			8.144696	
9	1	5	82			8.637296	
10	2	5	82.5	1443		9.813969	
11	2	5	96.7	1806		10.4643	
12	3	5	73.9	1793	1153	11.619045	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	90	1863		0.862854	
1	3	15	73	1900	1991	2.351891	
2	2	15	83.1	1689		2.88488	
3	2	15	77.3	1418		5.089379	
4	3	15	83.3	1305	1628	6.081926	1
5	3	15	77.6	1593	1899	7.454464	
6	1	15	57			8.11664	
7	2	15	52.2	1816		10.455611	
8	1	15	60.2			10.682226	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	56	1261		0.047568	
1	2	14	51.7	1207		1.026722	
2	2	14	50.3	1075		1.450638	
3	2	14	89.7	1679		2.347289	
4	2	14	62	1386		3.300852	
5	2	14	97.6	1825		4.168736	
6	2	14	75.1	1839		4.856776	
7	3	14	67.3	1664	1772	5.329065	
8	3	14	73.7	1405	1635	5.986758	1
9	2	14	90.5	1286		6.689494	
10	3	14	71.7	1746	1299	7.492522	
11	2	14	56.9	1511		8.206689	
12	1	14	63			8.601843	
13	2	14	62.6	1647		9.776702	
14	1	14	94.3			10.434985	
15	3	14	57.8	1774	1303	10.697573	
16	1	14	87.9			11.920033	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	5	70.7			0.048542	1
1	1	5	98.5			1.27793	
2	3	5	80.3	1131	1890	2.053367	
3	3	5	72.2	1093	1287	2.544944	
4	1	5	87.1			3.049207	
5	1	5	84			3.925828	
6	2	5	67.9	1445		4.831785	
7	2	5	56.7	1626		5.277936	
8	3	5	58.4	1040	1932	6.278359	
9	2	5	50.4	1188		6.823232	
10	1	5	63.8			7.809535	
11	2	5	71.5	1595		8.40499	
12	1	5	62.2			9.194398	
13	2	5	95.2	1566		10.066041	
14	3	5	98.3	1338	1761	11.187584	
15	3	5	75	1715	1490	11.742264	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	89.7	1280	1054	0.481776	0
1	2	20	67.1	1297		1.518229	
2	2	20	80.5	1354		1.936642	
3	3	20	81.7	1193	1949	2.69837	
4	2	20	54.2	1395		4.15143	
5	2	20	67.7	1173		4.513905	
6	1	20	54.6			5.449832	
7	3	20	54.1	1319	1095	6.545734	
8	2	20	95.6	1273		7.293322	
9	2	20	50.7	1897		8.064993	
10	2	20	75.1	1615		8.91999	
11	1	20	93.1			9.929448	
12	2	20	55	1761		10.964443	
13	3	20	72.6	1297	1881	11.266514	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5290	9	1	333	1	5496.0, 5709.0, 5647.0, 5353.0, 5319.0, 5514.0, 5625.0, 5504.0, 5545.0, 5367.0, 5417.0, 5327.0, 5451.0, 5325.0, 5330.0, 5681.0, 5369.0, 5293.0, 5593.0, 5557.0, 5646.0, 5661.0, 5302.0, 5617.0, 5674.0, 5326.0, 5575.0, 5695.0, 5581.0, 5704.0, 5381.0, 5710.0, 5370.0, 5519.0, 5495.0, 5263.0, 5613.0, 5274.0, 5569.0, 5254.0, 5547.0, 5342.0, 5563.0, 5400.0, 5344.0, 5304.0, 5479.0, 5363.0, 5449.0, 5358.0, 5361.0, 5365.0, 5291.0, 5623.0, 5700.0, 5406.0, 5429.0, 5316.0, 5550.0, 5511.0, 5404.0, 5329.0, 5413.0, 5663.0, 5649.0, 5456.0, 5259.0, 5313.0, 5441.0, 5401.0, 5654.0, 5299.0, 5491.0, 5592.0, 5536.0, 5637.0, 5635.0, 5682.0, 5713.0, 5574.0, 5535.0, 5720.0, 5580.0, 5279.0, 5432.0, 5403.0, 5264.0, 5425.0, 5594.0, 5458.0, 5523.0, 5668.0, 5466.0, 5533.0, 5394.0, 5454.0, 5380.0, 5560.0, 5629.0, 5643.0 (number of hits: 17)
2	5290	9	1	333	1	5678.0, 5539.0, 5556.0, 5417.0, 5450.0, 5281.0, 5621.0, 5712.0, 5465.0, 5700.0, 5703.0, 5356.0, 5337.0, 5516.0, 5519.0, 5676.0, 5324.0, 5335.0, 5593.0, 5384.0, 5347.0, 5675.0, 5310.0, 5423.0, 5526.0, 5478.0, 5505.0, 5372.0, 5388.0, 5470.0, 5406.0, 5565.0, 5631.0, 5482.0, 5566.0, 5498.0, 5500.0, 5499.0, 5403.0, 5684.0, 5363.0, 5398.0, 5466.0, 5511.0, 5279.0, 5308.0, 5649.0, 5525.0, 5575.0, 5611.0, 5642.0, 5588.0, 5541.0, 5331.0, 5374.0, 5303.0, 5315.0, 5531.0, 5515.0, 5429.0, 5506.0, 5563.0, 5457.0, 5307.0, 5719.0, 5552.0, 5715.0, 5438.0, 5567.0, 5370.0, 5322.0, 5265.0, 5433.0, 5468.0, 5306.0, 5488.0, 5533.0, 5584.0, 5564.0, 5643.0, 5257.0, 5362.0, 5351.0, 5596.0, 5507.0, 5616.0, 5377.0, 5295.0, 5597.0, 5630.0, 5280.0, 5277.0, 5618.0, 5252.0, 5296.0, 5545.0, 5600.0, 5273.0, 5517.0, 5327.0 (number of hits: 19)
3	5290	9	1	333	1	5553.0, 5598.0, 5299.0, 5434.0, 5334.0, 5599.0, 5354.0, 5528.0, 5668.0, 5644.0, 5323.0, 5498.0, 5301.0, 5572.0, 5638.0, 5337.0, 5543.0, 5442.0, 5508.0, 5573.0, 5567.0, 5659.0, 5531.0, 5298.0, 5671.0, 5447.0, 5501.0, 5413.0, 5432.0, 5661.0, 5577.0, 5646.0, 5253.0, 5707.0, 5441.0, 5554.0, 5702.0, 5376.0, 5329.0, 5274.0, 5427.0, 5449.0, 5272.0, 5713.0, 5653.0, 5278.0, 5387.0, 5705.0, 5514.0, 5714.0, 5506.0, 5697.0, 5270.0, 5582.0, 5655.0, 5496.0, 5497.0, 5254.0, 5520.0, 5621.0,

						5556.0, 5585.0, 5690.0, 5381.0, 5392.0, 5377.0, 5408.0, 5645.0, 5569.0, 5425.0, 5355.0, 5262.0, 5423.0, 5600.0, 5416.0, 5388.0, 5405.0, 5410.0, 5517.0, 5544.0, 5393.0, 5633.0, 5255.0, 5286.0, 5455.0, 5435.0, 5412.0, 5524.0, 5699.0, 5276.0, 5647.0, 5290.0, 5424.0, 5717.0, 5688.0, 5519.0, 5265.0, 5565.0, 5562.0, 5448.0 (number of hits: 16)
4	5290	9	1	333	1	5717.0, 5592.0, 5665.0, 5345.0, 5287.0, 5359.0, 5462.0, 5536.0, 5412.0, 5331.0, 5593.0, 5374.0, 5280.0, 5566.0, 5502.0, 5636.0, 5342.0, 5702.0, 5567.0, 5319.0, 5644.0, 5304.0, 5715.0, 5448.0, 5273.0, 5540.0, 5658.0, 5648.0, 5526.0, 5321.0, 5565.0, 5299.0, 5424.0, 5558.0, 5521.0, 5582.0, 5291.0, 5535.0, 5306.0, 5428.0, 5650.0, 5267.0, 5588.0, 5365.0, 5626.0, 5659.0, 5512.0, 5408.0, 5678.0, 5426.0, 5298.0, 5338.0, 5663.0, 5394.0, 5369.0, 5294.0, 5557.0, 5606.0, 5682.0, 5570.0, 5375.0, 5392.0, 5259.0, 5585.0, 5472.0, 5595.0, 5341.0, 5552.0, 5581.0, 5664.0, 5687.0, 5295.0, 5679.0, 5343.0, 5393.0, 5640.0, 5600.0, 5382.0, 5638.0, 5457.0, 5349.0, 5696.0, 5656.0, 5548.0, 5718.0, 5672.0, 5695.0, 5629.0, 5263.0, 5436.0, 5290.0, 5473.0, 5362.0, 5712.0, 5452.0, 5711.0, 5670.0, 5397.0, 5500.0, 5481.0 (number of hits: 16)
5	5290	9	1	333	1	5513.0, 5417.0, 5590.0, 5682.0, 5486.0, 5349.0, 5568.0, 5371.0, 5497.0, 5303.0, 5601.0, 5404.0, 5276.0, 5408.0, 5523.0, 5306.0, 5258.0, 5546.0, 5400.0, 5519.0, 5676.0, 5702.0, 5529.0, 5624.0, 5569.0, 5256.0, 5346.0, 5477.0, 5666.0, 5581.0, 5587.0, 5456.0, 5651.0, 5509.0, 5533.0, 5718.0, 5377.0, 5339.0, 5628.0, 5680.0, 5579.0, 5321.0, 5347.0, 5374.0, 5618.0, 5589.0, 5416.0, 5610.0, 5686.0, 5332.0, 5575.0, 5588.0, 5491.0, 5359.0, 5607.0, 5566.0, 5625.0, 5261.0, 5264.0, 5492.0, 5514.0, 5392.0, 5385.0, 5611.0, 5560.0, 5577.0, 5567.0, 5454.0, 5654.0, 5701.0, 5665.0, 5564.0, 5495.0, 5336.0, 5424.0, 5278.0, 5659.0, 5435.0, 5489.0, 5629.0, 5323.0, 5483.0, 5499.0, 5583.0, 5717.0, 5466.0, 5311.0, 5674.0, 5598.0, 5403.0, 5397.0, 5302.0, 5503.0, 5310.0, 5267.0, 5357.0, 5315.0, 5685.0, 5677.0, 5697.0 (number of hits: 15)
6	5290	9	1	333	1	5474.0, 5608.0, 5457.0, 5293.0, 5641.0, 5400.0, 5576.0, 5298.0, 5463.0, 5661.0, 5631.0, 5539.0, 5344.0, 5274.0, 5496.0, 5467.0, 5516.0, 5270.0, 5649.0, 5679.0, 5254.0, 5354.0, 5418.0, 5461.0, 5394.0, 5333.0, 5692.0, 5375.0, 5310.0, 5618.0, 5635.0, 5382.0, 5493.0, 5611.0, 5667.0, 5619.0, 5570.0, 5663.0, 5291.0, 5571.0, 5690.0, 5255.0, 5717.0, 5579.0, 5595.0,

						5373.0, 5494.0, 5596.0, 5681.0, 5430.0, 5531.0, 5325.0, 5586.0, 5466.0, 5601.0, 5666.0, 5345.0, 5683.0, 5328.0, 5677.0, 5398.0, 5534.0, 5253.0, 5638.0, 5581.0, 5309.0, 5540.0, 5537.0, 5428.0, 5535.0, 5296.0, 5615.0, 5597.0, 5251.0, 5409.0, 5268.0, 5297.0, 5685.0, 5303.0, 5519.0, 5569.0, 5473.0, 5518.0, 5292.0, 5304.0, 5250.0, 5682.0, 5256.0, 5523.0, 5361.0, 5557.0, 5348.0, 5423.0, 5479.0, 5424.0, 5687.0, 5592.0, 5550.0, 5448.0, 5712.0 (number of hits: 20)
7	5290	9	1	333	1	5341.0, 5536.0, 5418.0, 5719.0, 5431.0, 5311.0, 5253.0, 5585.0, 5620.0, 5643.0, 5320.0, 5604.0, 5384.0, 5634.0, 5660.0, 5429.0, 5371.0, 5583.0, 5689.0, 5324.0, 5651.0, 5354.0, 5639.0, 5316.0, 5666.0, 5442.0, 5390.0, 5338.0, 5386.0, 5391.0, 5693.0, 5387.0, 5632.0, 5485.0, 5676.0, 5298.0, 5688.0, 5251.0, 5498.0, 5271.0, 5422.0, 5450.0, 5518.0, 5348.0, 5423.0, 5625.0, 5630.0, 5328.0, 5495.0, 5540.0, 5677.0, 5416.0, 5504.0, 5299.0, 5681.0, 5494.0, 5528.0, 5286.0, 5505.0, 5723.0, 5376.0, 5421.0, 5623.0, 5377.0, 5669.0, 5455.0, 5318.0, 5612.0, 5570.0, 5488.0, 5657.0, 5699.0, 5417.0, 5454.0, 5252.0, 5650.0, 5413.0, 5503.0, 5351.0, 5520.0, 5638.0, 5412.0, 5472.0, 5410.0, 5524.0, 5292.0, 5484.0, 5685.0, 5508.0, 5521.0, 5673.0, 5268.0, 5592.0, 5525.0, 5385.0, 5473.0, 5302.0, 5415.0, 5613.0, 5282.0 (number of hits: 17)
8	5290	9	1	333	1	5573.0, 5625.0, 5525.0, 5314.0, 5669.0, 5363.0, 5603.0, 5536.0, 5664.0, 5312.0, 5273.0, 5325.0, 5645.0, 5427.0, 5700.0, 5289.0, 5375.0, 5580.0, 5292.0, 5697.0, 5332.0, 5502.0, 5285.0, 5501.0, 5704.0, 5406.0, 5538.0, 5391.0, 5348.0, 5602.0, 5373.0, 5258.0, 5601.0, 5563.0, 5620.0, 5330.0, 5271.0, 5708.0, 5649.0, 5436.0, 5509.0, 5276.0, 5474.0, 5461.0, 5560.0, 5659.0, 5354.0, 5593.0, 5662.0, 5541.0, 5361.0, 5265.0, 5444.0, 5367.0, 5484.0, 5315.0, 5364.0, 5334.0, 5313.0, 5416.0, 5274.0, 5457.0, 5658.0, 5600.0, 5534.0, 5529.0, 5338.0, 5591.0, 5679.0, 5656.0, 5288.0, 5514.0, 5433.0, 5410.0, 5278.0, 5567.0, 5639.0, 5281.0, 5374.0, 5630.0, 5306.0, 5434.0, 5355.0, 5360.0, 5377.0, 5472.0, 5397.0, 5542.0, 5696.0, 5631.0, 5598.0, 5551.0, 5321.0, 5497.0, 5279.0, 5629.0, 5407.0, 5262.0, 5595.0, 5465.0 (number of hits: 21)
9	5290	9	1	333	1	5568.0, 5281.0, 5578.0, 5385.0, 5432.0, 5305.0, 5700.0, 5633.0, 5702.0, 5683.0, 5711.0, 5706.0, 5461.0, 5369.0, 5409.0, 5428.0, 5440.0, 5465.0, 5694.0, 5651.0, 5268.0, 5508.0, 5542.0, 5475.0, 5339.0, 5570.0, 5431.0, 5543.0, 5426.0, 5584.0,

						5601.0, 5646.0, 5286.0, 5488.0, 5616.0, 5472.0, 5612.0, 5701.0, 5567.0, 5624.0, 5371.0, 5502.0, 5698.0, 5397.0, 5423.0, 5390.0, 5254.0, 5610.0, 5510.0, 5299.0, 5340.0, 5437.0, 5529.0, 5375.0, 5513.0, 5629.0, 5445.0, 5324.0, 5381.0, 5257.0, 5443.0, 5559.0, 5398.0, 5266.0, 5366.0, 5346.0, 5607.0, 5716.0, 5524.0, 5463.0, 5420.0, 5548.0, 5303.0, 5667.0, 5386.0, 5723.0, 5392.0, 5479.0, 5309.0, 5623.0, 5495.0, 5273.0, 5707.0, 5471.0, 5486.0, 5697.0, 5653.0, 5512.0, 5562.0, 5402.0, 5378.0, 5288.0, 5383.0, 5355.0, 5564.0, 5677.0, 5528.0, 5550.0, 5540.0, 5489.0 (number of hits: 13)
10	5290	9	1	333	1	5300.0, 5274.0, 5379.0, 5316.0, 5287.0, 5395.0, 5513.0, 5465.0, 5622.0, 5318.0, 5595.0, 5683.0, 5542.0, 5361.0, 5256.0, 5561.0, 5439.0, 5407.0, 5442.0, 5576.0, 5534.0, 5466.0, 5332.0, 5493.0, 5533.0, 5585.0, 5431.0, 5383.0, 5677.0, 5517.0, 5293.0, 5255.0, 5708.0, 5355.0, 5416.0, 5309.0, 5538.0, 5357.0, 5697.0, 5352.0, 5401.0, 5324.0, 5570.0, 5481.0, 5489.0, 5433.0, 5523.0, 5368.0, 5547.0, 5259.0, 5432.0, 5672.0, 5506.0, 5336.0, 5611.0, 5286.0, 5280.0, 5612.0, 5700.0, 5583.0, 5591.0, 5593.0, 5359.0, 5646.0, 5707.0, 5269.0, 5257.0, 5325.0, 5684.0, 5467.0, 5654.0, 5504.0, 5328.0, 5688.0, 5709.0, 5457.0, 5339.0, 5375.0, 5647.0, 5543.0, 5530.0, 5262.0, 5641.0, 5721.0, 5581.0, 5639.0, 5661.0, 5668.0, 5356.0, 5604.0, 5258.0, 5655.0, 5527.0, 5461.0, 5722.0, 5307.0, 5296.0, 5498.0, 5635.0, 5261.0 (number of hits: 22)
11	5290	9	1	333	1	5478.0, 5341.0, 5668.0, 5421.0, 5617.0, 5451.0, 5447.0, 5601.0, 5359.0, 5461.0, 5368.0, 5669.0, 5596.0, 5255.0, 5620.0, 5618.0, 5672.0, 5293.0, 5462.0, 5280.0, 5629.0, 5477.0, 5543.0, 5452.0, 5505.0, 5308.0, 5285.0, 5582.0, 5602.0, 5464.0, 5339.0, 5637.0, 5338.0, 5623.0, 5546.0, 5595.0, 5578.0, 5654.0, 5494.0, 5275.0, 5254.0, 5627.0, 5499.0, 5514.0, 5369.0, 5412.0, 5685.0, 5650.0, 5315.0, 5299.0, 5604.0, 5463.0, 5385.0, 5581.0, 5382.0, 5675.0, 5252.0, 5475.0, 5258.0, 5264.0, 5579.0, 5434.0, 5614.0, 5573.0, 5572.0, 5673.0, 5334.0, 5611.0, 5363.0, 5395.0, 5591.0, 5361.0, 5449.0, 5708.0, 5693.0, 5425.0, 5403.0, 5592.0, 5473.0, 5545.0, 5430.0, 5416.0, 5553.0, 5681.0, 5633.0, 5372.0, 5476.0, 5665.0, 5535.0, 5326.0, 5384.0, 5687.0, 5486.0, 5599.0, 5678.0, 5327.0, 5256.0, 5273.0, 5282.0, 5320.0 (number of hits: 18)
12	5290	9	1	333	1	5619.0, 5352.0, 5657.0, 5418.0, 5433.0, 5600.0, 5355.0, 5361.0, 5314.0, 5540.0, 5588.0, 5545.0, 5526.0, 5609.0, 5364.0,

						5624.0, 5356.0, 5281.0, 5583.0, 5391.0, 5458.0, 5385.0, 5258.0, 5300.0, 5399.0, 5544.0, 5397.0, 5638.0, 5439.0, 5713.0, 5373.0, 5308.0, 5637.0, 5677.0, 5693.0, 5370.0, 5401.0, 5294.0, 5706.0, 5514.0, 5572.0, 5647.0, 5358.0, 5402.0, 5297.0, 5394.0, 5699.0, 5490.0, 5335.0, 5629.0, 5504.0, 5293.0, 5574.0, 5437.0, 5464.0, 5338.0, 5582.0, 5350.0, 5372.0, 5320.0, 5616.0, 5304.0, 5548.0, 5658.0, 5714.0, 5379.0, 5710.0, 5498.0, 5655.0, 5573.0, 5592.0, 5558.0, 5472.0, 5654.0, 5269.0, 5332.0, 5701.0, 5705.0, 5606.0, 5628.0, 5581.0, 5559.0, 5622.0, 5271.0, 5460.0, 5299.0, 5380.0, 5694.0, 5329.0, 5449.0, 5613.0, 5310.0, 5421.0, 5708.0, 5432.0, 5570.0, 5531.0, 5541.0, 5690.0, 5553.0 (number of hits: 14)
13	5290	9	1	333	1	5452.0, 5521.0, 5534.0, 5488.0, 5330.0, 5600.0, 5693.0, 5402.0, 5416.0, 5501.0, 5375.0, 5424.0, 5688.0, 5716.0, 5522.0, 5628.0, 5387.0, 5331.0, 5268.0, 5530.0, 5561.0, 5414.0, 5625.0, 5302.0, 5658.0, 5689.0, 5349.0, 5318.0, 5591.0, 5632.0, 5544.0, 5334.0, 5322.0, 5353.0, 5251.0, 5498.0, 5653.0, 5484.0, 5540.0, 5376.0, 5261.0, 5434.0, 5705.0, 5386.0, 5486.0, 5524.0, 5496.0, 5390.0, 5700.0, 5479.0, 5440.0, 5687.0, 5588.0, 5491.0, 5335.0, 5573.0, 5613.0, 5607.0, 5428.0, 5558.0, 5674.0, 5264.0, 5451.0, 5382.0, 5292.0, 5505.0, 5712.0, 5439.0, 5398.0, 5640.0, 5610.0, 5691.0, 5506.0, 5369.0, 5665.0, 5608.0, 5363.0, 5611.0, 5686.0, 5719.0, 5405.0, 5350.0, 5253.0, 5468.0, 5422.0, 5487.0, 5637.0, 5699.0, 5519.0, 5310.0, 5492.0, 5630.0, 5420.0, 5329.0, 5629.0, 5483.0, 5427.0, 5704.0, 5443.0, 5276.0 (number of hits: 11)
14	5290	9	1	333	1	5445.0, 5357.0, 5696.0, 5621.0, 5330.0, 5518.0, 5271.0, 5365.0, 5326.0, 5397.0, 5442.0, 5464.0, 5372.0, 5662.0, 5406.0, 5280.0, 5477.0, 5401.0, 5592.0, 5716.0, 5502.0, 5611.0, 5677.0, 5404.0, 5650.0, 5368.0, 5480.0, 5642.0, 5311.0, 5295.0, 5602.0, 5479.0, 5629.0, 5661.0, 5581.0, 5349.0, 5443.0, 5519.0, 5657.0, 5633.0, 5550.0, 5399.0, 5459.0, 5628.0, 5669.0, 5374.0, 5620.0, 5626.0, 5543.0, 5304.0, 5425.0, 5376.0, 5313.0, 5591.0, 5328.0, 5436.0, 5703.0, 5695.0, 5589.0, 5320.0, 5601.0, 5721.0, 5708.0, 5511.0, 5450.0, 5580.0, 5396.0, 5342.0, 5387.0, 5495.0, 5524.0, 5615.0, 5506.0, 5504.0, 5699.0, 5337.0, 5422.0, 5289.0, 5525.0, 5654.0, 5697.0, 5586.0, 5653.0, 5569.0, 5317.0, 5711.0, 5296.0, 5307.0, 5281.0, 5268.0, 5636.0, 5437.0, 5700.0, 5318.0, 5719.0, 5544.0, 5300.0, 5670.0, 5505.0, 5263.0 (number of hits: 18)

15	5290	9	1	333	1	5572.0, 5475.0, 5338.0, 5539.0, 5634.0, 5545.0, 5478.0, 5717.0, 5649.0, 5707.0, 5652.0, 5477.0, 5426.0, 5631.0, 5418.0, 5374.0, 5449.0, 5504.0, 5686.0, 5712.0, 5272.0, 5606.0, 5661.0, 5341.0, 5591.0, 5353.0, 5723.0, 5358.0, 5357.0, 5369.0, 5253.0, 5314.0, 5554.0, 5399.0, 5671.0, 5304.0, 5706.0, 5567.0, 5705.0, 5716.0, 5672.0, 5321.0, 5507.0, 5398.0, 5311.0, 5588.0, 5417.0, 5560.0, 5419.0, 5636.0, 5333.0, 5565.0, 5518.0, 5351.0, 5691.0, 5551.0, 5322.0, 5488.0, 5278.0, 5559.0, 5330.0, 5538.0, 5612.0, 5422.0, 5283.0, 5443.0, 5677.0, 5302.0, 5613.0, 5642.0, 5514.0, 5687.0, 5300.0, 5264.0, 5709.0, 5425.0, 5540.0, 5549.0, 5485.0, 5312.0, 5409.0, 5496.0, 5704.0, 5295.0, 5721.0, 5534.0, 5494.0, 5561.0, 5645.0, 5573.0, 5544.0, 5694.0, 5569.0, 5614.0, 5688.0, 5486.0, 5407.0, 5446.0, 5621.0, 5570.0 (number of hits: 14)
16	5290	9	1	333	1	5689.0, 5719.0, 5465.0, 5523.0, 5366.0, 5347.0, 5606.0, 5305.0, 5409.0, 5398.0, 5411.0, 5318.0, 5282.0, 5571.0, 5648.0, 5474.0, 5535.0, 5388.0, 5522.0, 5667.0, 5417.0, 5497.0, 5553.0, 5425.0, 5573.0, 5432.0, 5402.0, 5444.0, 5399.0, 5521.0, 5391.0, 5403.0, 5308.0, 5621.0, 5287.0, 5257.0, 5293.0, 5370.0, 5373.0, 5531.0, 5264.0, 5693.0, 5460.0, 5680.0, 5419.0, 5503.0, 5595.0, 5724.0, 5313.0, 5451.0, 5493.0, 5314.0, 5412.0, 5271.0, 5638.0, 5289.0, 5311.0, 5619.0, 5586.0, 5700.0, 5418.0, 5602.0, 5600.0, 5369.0, 5696.0, 5671.0, 5360.0, 5616.0, 5486.0, 5450.0, 5260.0, 5446.0, 5478.0, 5423.0, 5504.0, 5333.0, 5336.0, 5669.0, 5321.0, 5598.0, 5485.0, 5557.0, 5703.0, 5575.0, 5408.0, 5365.0, 5551.0, 5445.0, 5637.0, 5496.0, 5502.0, 5275.0, 5298.0, 5405.0, 5491.0, 5492.0, 5375.0, 5695.0, 5643.0, 5433.0 (number of hits: 17)
17	5290	9	1	333	1	5583.0, 5452.0, 5719.0, 5491.0, 5300.0, 5564.0, 5542.0, 5675.0, 5264.0, 5473.0, 5661.0, 5259.0, 5584.0, 5369.0, 5587.0, 5471.0, 5630.0, 5605.0, 5507.0, 5292.0, 5519.0, 5721.0, 5579.0, 5697.0, 5382.0, 5616.0, 5464.0, 5652.0, 5576.0, 5455.0, 5451.0, 5705.0, 5444.0, 5268.0, 5503.0, 5340.0, 5670.0, 5717.0, 5439.0, 5325.0, 5548.0, 5343.0, 5251.0, 5551.0, 5565.0, 5446.0, 5359.0, 5669.0, 5570.0, 5407.0, 5590.0, 5537.0, 5278.0, 5646.0, 5524.0, 5269.0, 5502.0, 5311.0, 5462.0, 5513.0, 5538.0, 5510.0, 5604.0, 5479.0, 5282.0, 5569.0, 5418.0, 5334.0, 5328.0, 5509.0, 5610.0, 5456.0, 5644.0, 5277.0, 5608.0, 5423.0, 5305.0, 5250.0, 5361.0, 5593.0, 5611.0, 5708.0, 5512.0, 5638.0, 5378.0, 5681.0, 5453.0, 5625.0, 5383.0, 5504.0,

						5539.0, 5508.0, 5536.0, 5531.0, 5466.0, 5392.0, 5547.0, 5385.0, 5645.0, 5679.0 (number of hits: 14)
18	5290	9	1	333	1	5329.0, 5502.0, 5529.0, 5674.0, 5534.0, 5515.0, 5338.0, 5555.0, 5463.0, 5651.0, 5319.0, 5670.0, 5556.0, 5470.0, 5291.0, 5260.0, 5501.0, 5395.0, 5379.0, 5448.0, 5274.0, 5695.0, 5446.0, 5492.0, 5419.0, 5636.0, 5485.0, 5596.0, 5504.0, 5666.0, 5568.0, 5305.0, 5672.0, 5411.0, 5631.0, 5324.0, 5298.0, 5521.0, 5351.0, 5624.0, 5461.0, 5585.0, 5279.0, 5531.0, 5497.0, 5682.0, 5432.0, 5443.0, 5406.0, 5368.0, 5396.0, 5307.0, 5309.0, 5588.0, 5548.0, 5567.0, 5300.0, 5273.0, 5505.0, 5608.0, 5472.0, 5263.0, 5607.0, 5372.0, 5711.0, 5304.0, 5457.0, 5376.0, 5553.0, 5327.0, 5375.0, 5577.0, 5252.0, 5420.0, 5283.0, 5723.0, 5591.0, 5453.0, 5493.0, 5494.0, 5382.0, 5627.0, 5592.0, 5459.0, 5481.0, 5542.0, 5659.0, 5326.0, 5416.0, 5618.0, 5635.0, 5667.0, 5671.0, 5563.0, 5603.0, 5628.0, 5374.0, 5332.0, 5292.0, 5722.0 (number of hits: 19)
19	5290	9	1	333	1	5488.0, 5321.0, 5274.0, 5591.0, 5293.0, 5573.0, 5253.0, 5329.0, 5498.0, 5550.0, 5364.0, 5553.0, 5475.0, 5337.0, 5380.0, 5657.0, 5613.0, 5463.0, 5295.0, 5431.0, 5586.0, 5422.0, 5652.0, 5445.0, 5501.0, 5406.0, 5271.0, 5344.0, 5543.0, 5597.0, 5541.0, 5494.0, 5340.0, 5407.0, 5620.0, 5696.0, 5492.0, 5275.0, 5666.0, 5545.0, 5490.0, 5306.0, 5326.0, 5301.0, 5279.0, 5489.0, 5714.0, 5459.0, 5283.0, 5523.0, 5362.0, 5534.0, 5452.0, 5691.0, 5366.0, 5562.0, 5389.0, 5429.0, 5496.0, 5672.0, 5331.0, 5671.0, 5304.0, 5421.0, 5462.0, 5341.0, 5264.0, 5384.0, 5281.0, 5418.0, 5647.0, 5656.0, 5682.0, 5393.0, 5479.0, 5702.0, 5567.0, 5555.0, 5675.0, 5328.0, 5367.0, 5359.0, 5619.0, 5580.0, 5470.0, 5507.0, 5719.0, 5627.0, 5316.0, 5308.0, 5636.0, 5272.0, 5487.0, 5618.0, 5616.0, 5705.0, 5378.0, 5436.0, 5654.0, 5576.0 (number of hits: 19)
20	5290	9	1	333	1	5443.0, 5556.0, 5351.0, 5286.0, 5687.0, 5598.0, 5680.0, 5429.0, 5641.0, 5533.0, 5426.0, 5608.0, 5481.0, 5655.0, 5553.0, 5653.0, 5581.0, 5261.0, 5312.0, 5462.0, 5565.0, 5357.0, 5418.0, 5406.0, 5714.0, 5517.0, 5327.0, 5697.0, 5552.0, 5506.0, 5623.0, 5350.0, 5535.0, 5554.0, 5287.0, 5467.0, 5401.0, 5479.0, 5708.0, 5259.0, 5636.0, 5289.0, 5360.0, 5352.0, 5545.0, 5285.0, 5713.0, 5569.0, 5626.0, 5698.0, 5271.0, 5336.0, 5593.0, 5283.0, 5332.0, 5575.0, 5660.0, 5527.0, 5683.0, 5577.0, 5262.0, 5288.0, 5523.0, 5372.0, 5622.0, 5366.0, 5692.0, 5603.0, 5258.0, 5601.0, 5402.0, 5383.0, 5509.0, 5436.0, 5585.0,

						5526.0, 5347.0, 5474.0, 5303.0, 5358.0, 5616.0, 5482.0, 5409.0, 5397.0, 5279.0, 5368.0, 5654.0, 5292.0, 5559.0, 5400.0, 5304.0, 5648.0, 5369.0, 5617.0, 5468.0, 5355.0, 5531.0, 5348.0, 5263.0, 5602.0 (number of hits: 18)
21	5290	9	1	333	1	5273.0, 5554.0, 5307.0, 5678.0, 5394.0, 5643.0, 5361.0, 5403.0, 5693.0, 5340.0, 5279.0, 5628.0, 5362.0, 5611.0, 5570.0, 5534.0, 5282.0, 5412.0, 5676.0, 5390.0, 5332.0, 5384.0, 5682.0, 5692.0, 5522.0, 5677.0, 5525.0, 5636.0, 5718.0, 5564.0, 5681.0, 5434.0, 5251.0, 5672.0, 5694.0, 5420.0, 5560.0, 5502.0, 5513.0, 5397.0, 5702.0, 5382.0, 5561.0, 5508.0, 5344.0, 5363.0, 5520.0, 5257.0, 5630.0, 5654.0, 5447.0, 5515.0, 5470.0, 5482.0, 5625.0, 5496.0, 5431.0, 5443.0, 5364.0, 5697.0, 5457.0, 5572.0, 5584.0, 5303.0, 5380.0, 5521.0, 5533.0, 5527.0, 5360.0, 5374.0, 5668.0, 5626.0, 5632.0, 5415.0, 5589.0, 5446.0, 5405.0, 5688.0, 5485.0, 5531.0, 5266.0, 5618.0, 5274.0, 5356.0, 5309.0, 5536.0, 5577.0, 5549.0, 5568.0, 5491.0, 5404.0, 5669.0, 5659.0, 5370.0, 5476.0, 5395.0, 5588.0, 5260.0, 5671.0, 5505.0 (number of hits: 11)
22	5290	9	1	333	1	5503.0, 5506.0, 5474.0, 5419.0, 5421.0, 5656.0, 5669.0, 5438.0, 5385.0, 5422.0, 5535.0, 5275.0, 5264.0, 5599.0, 5620.0, 5289.0, 5336.0, 5577.0, 5384.0, 5525.0, 5372.0, 5628.0, 5646.0, 5664.0, 5680.0, 5582.0, 5331.0, 5683.0, 5617.0, 5393.0, 5354.0, 5543.0, 5531.0, 5296.0, 5452.0, 5368.0, 5675.0, 5286.0, 5544.0, 5613.0, 5644.0, 5437.0, 5649.0, 5651.0, 5591.0, 5413.0, 5417.0, 5611.0, 5359.0, 5480.0, 5280.0, 5648.0, 5391.0, 5279.0, 5468.0, 5458.0, 5293.0, 5511.0, 5288.0, 5618.0, 5508.0, 5541.0, 5509.0, 5390.0, 5510.0, 5389.0, 5549.0, 5364.0, 5643.0, 5693.0, 5340.0, 5260.0, 5315.0, 5557.0, 5605.0, 5560.0, 5314.0, 5538.0, 5687.0, 5356.0, 5395.0, 5567.0, 5404.0, 5459.0, 5406.0, 5252.0, 5435.0, 5584.0, 5473.0, 5704.0, 5267.0, 5357.0, 5370.0, 5347.0, 5408.0, 5681.0, 5585.0, 5722.0, 5540.0, 5555.0 (number of hits: 14)
23	5290	9	1	333	1	5283.0, 5497.0, 5398.0, 5547.0, 5313.0, 5479.0, 5599.0, 5546.0, 5436.0, 5388.0, 5433.0, 5543.0, 5661.0, 5539.0, 5358.0, 5487.0, 5648.0, 5653.0, 5492.0, 5362.0, 5279.0, 5562.0, 5656.0, 5617.0, 5650.0, 5683.0, 5707.0, 5601.0, 5356.0, 5287.0, 5591.0, 5667.0, 5431.0, 5445.0, 5458.0, 5392.0, 5320.0, 5473.0, 5360.0, 5295.0, 5297.0, 5292.0, 5340.0, 5405.0, 5706.0, 5325.0, 5645.0, 5597.0, 5622.0, 5584.0, 5702.0, 5636.0, 5404.0, 5720.0, 5344.0, 5558.0, 5459.0, 5262.0, 5514.0, 5455.0,

						5370.0, 5484.0, 5251.0, 5631.0, 5678.0, 5587.0, 5264.0, 5686.0, 5712.0, 5327.0, 5329.0, 5350.0, 5426.0, 5708.0, 5668.0, 5465.0, 5705.0, 5524.0, 5639.0, 5500.0, 5413.0, 5606.0, 5273.0, 5272.0, 5503.0, 5387.0, 5331.0, 5269.0, 5536.0, 5511.0, 5478.0, 5335.0, 5583.0, 5557.0, 5414.0, 5494.0, 5435.0, 5391.0, 5347.0, 5578.0 (number of hits: 16)
24	5290	9	1	333	1	5522.0, 5466.0, 5467.0, 5612.0, 5354.0, 5320.0, 5289.0, 5590.0, 5545.0, 5552.0, 5270.0, 5535.0, 5295.0, 5277.0, 5340.0, 5438.0, 5309.0, 5559.0, 5644.0, 5601.0, 5286.0, 5407.0, 5392.0, 5311.0, 5305.0, 5357.0, 5440.0, 5307.0, 5464.0, 5332.0, 5722.0, 5373.0, 5442.0, 5471.0, 5292.0, 5624.0, 5572.0, 5371.0, 5697.0, 5568.0, 5583.0, 5421.0, 5527.0, 5523.0, 5444.0, 5403.0, 5356.0, 5422.0, 5650.0, 5718.0, 5593.0, 5526.0, 5399.0, 5670.0, 5630.0, 5370.0, 5618.0, 5479.0, 5625.0, 5321.0, 5662.0, 5436.0, 5475.0, 5408.0, 5264.0, 5647.0, 5539.0, 5508.0, 5298.0, 5396.0, 5678.0, 5294.0, 5645.0, 5437.0, 5547.0, 5252.0, 5260.0, 5365.0, 5269.0, 5420.0, 5293.0, 5342.0, 5448.0, 5325.0, 5591.0, 5266.0, 5638.0, 5646.0, 5501.0, 5355.0, 5379.0, 5640.0, 5453.0, 5546.0, 5398.0, 5301.0, 5569.0, 5304.0, 5666.0, 5458.0 (number of hits: 23)
25	5290	9	1	333	1	5532.0, 5670.0, 5480.0, 5256.0, 5646.0, 5260.0, 5711.0, 5452.0, 5541.0, 5303.0, 5386.0, 5501.0, 5427.0, 5656.0, 5606.0, 5442.0, 5592.0, 5251.0, 5344.0, 5649.0, 5272.0, 5556.0, 5367.0, 5688.0, 5475.0, 5504.0, 5618.0, 5307.0, 5662.0, 5287.0, 5710.0, 5614.0, 5257.0, 5528.0, 5482.0, 5559.0, 5636.0, 5326.0, 5422.0, 5653.0, 5512.0, 5489.0, 5415.0, 5609.0, 5358.0, 5292.0, 5585.0, 5539.0, 5342.0, 5522.0, 5579.0, 5644.0, 5651.0, 5530.0, 5593.0, 5514.0, 5314.0, 5674.0, 5611.0, 5338.0, 5625.0, 5459.0, 5366.0, 5380.0, 5657.0, 5493.0, 5392.0, 5371.0, 5395.0, 5584.0, 5494.0, 5605.0, 5378.0, 5521.0, 5429.0, 5269.0, 5473.0, 5641.0, 5369.0, 5454.0, 5327.0, 5259.0, 5520.0, 5261.0, 5535.0, 5294.0, 5560.0, 5709.0, 5468.0, 5587.0, 5471.0, 5678.0, 5349.0, 5500.0, 5477.0, 5681.0, 5589.0, 5433.0, 5362.0, 5364.0 (number of hits: 16)
26	5290	9	1	333	1	5435.0, 5478.0, 5651.0, 5282.0, 5558.0, 5518.0, 5267.0, 5686.0, 5546.0, 5335.0, 5463.0, 5544.0, 5295.0, 5718.0, 5662.0, 5388.0, 5680.0, 5517.0, 5572.0, 5394.0, 5481.0, 5685.0, 5653.0, 5632.0, 5366.0, 5254.0, 5413.0, 5655.0, 5397.0, 5683.0, 5299.0, 5352.0, 5446.0, 5574.0, 5713.0, 5537.0, 5613.0, 5440.0, 5705.0, 5657.0, 5339.0, 5561.0, 5549.0, 5690.0, 5422.0,

						5356.0, 5635.0, 5251.0, 5589.0, 5393.0, 5538.0, 5623.0, 5263.0, 5311.0, 5492.0, 5505.0, 5654.0, 5641.0, 5410.0, 5555.0, 5493.0, 5252.0, 5528.0, 5477.0, 5515.0, 5586.0, 5536.0, 5584.0, 5278.0, 5527.0, 5400.0, 5289.0, 5269.0, 5582.0, 5497.0, 5404.0, 5291.0, 5701.0, 5296.0, 5326.0, 5319.0, 5442.0, 5459.0, 5703.0, 5522.0, 5671.0, 5382.0, 5392.0, 5331.0, 5585.0, 5679.0, 5638.0, 5494.0, 5448.0, 5715.0, 5458.0, 5292.0, 5611.0, 5297.0, 5401.0 (number of hits: 18)
27	5290	9	1	333	1	5569.0, 5539.0, 5451.0, 5288.0, 5381.0, 5447.0, 5696.0, 5462.0, 5324.0, 5627.0, 5573.0, 5413.0, 5255.0, 5258.0, 5262.0, 5555.0, 5718.0, 5283.0, 5435.0, 5642.0, 5372.0, 5490.0, 5640.0, 5578.0, 5722.0, 5666.0, 5600.0, 5448.0, 5514.0, 5561.0, 5299.0, 5253.0, 5672.0, 5289.0, 5374.0, 5548.0, 5454.0, 5421.0, 5354.0, 5418.0, 5331.0, 5556.0, 5695.0, 5674.0, 5410.0, 5544.0, 5478.0, 5403.0, 5707.0, 5699.0, 5359.0, 5571.0, 5709.0, 5330.0, 5533.0, 5586.0, 5394.0, 5281.0, 5684.0, 5679.0, 5392.0, 5452.0, 5531.0, 5643.0, 5683.0, 5398.0, 5612.0, 5632.0, 5554.0, 5296.0, 5420.0, 5389.0, 5279.0, 5654.0, 5665.0, 5346.0, 5715.0, 5461.0, 5549.0, 5335.0, 5597.0, 5277.0, 5713.0, 5326.0, 5314.0, 5646.0, 5395.0, 5310.0, 5351.0, 5295.0, 5467.0, 5287.0, 5570.0, 5534.0, 5384.0, 5302.0, 5257.0, 5286.0, 5323.0, 5505.0 (number of hits: 22)
28	5290	9	1	333	1	5548.0, 5590.0, 5285.0, 5711.0, 5259.0, 5400.0, 5265.0, 5594.0, 5494.0, 5581.0, 5402.0, 5664.0, 5351.0, 5471.0, 5277.0, 5527.0, 5372.0, 5335.0, 5637.0, 5263.0, 5299.0, 5319.0, 5700.0, 5649.0, 5685.0, 5693.0, 5563.0, 5445.0, 5529.0, 5483.0, 5670.0, 5646.0, 5517.0, 5524.0, 5392.0, 5680.0, 5307.0, 5337.0, 5522.0, 5540.0, 5413.0, 5331.0, 5416.0, 5513.0, 5496.0, 5344.0, 5457.0, 5628.0, 5650.0, 5342.0, 5579.0, 5379.0, 5292.0, 5380.0, 5614.0, 5303.0, 5461.0, 5626.0, 5321.0, 5362.0, 5410.0, 5458.0, 5301.0, 5423.0, 5505.0, 5341.0, 5294.0, 5311.0, 5619.0, 5404.0, 5528.0, 5454.0, 5545.0, 5565.0, 5569.0, 5602.0, 5662.0, 5518.0, 5425.0, 5668.0, 5704.0, 5573.0, 5660.0, 5375.0, 5381.0, 5675.0, 5421.0, 5348.0, 5384.0, 5305.0, 5302.0, 5417.0, 5449.0, 5702.0, 5340.0, 5599.0, 5368.0, 5659.0, 5451.0, 5501.0 (number of hits: 16)
29	5290	9	1	333	1	5340.0, 5597.0, 5500.0, 5573.0, 5394.0, 5316.0, 5574.0, 5486.0, 5382.0, 5442.0, 5276.0, 5392.0, 5285.0, 5599.0, 5495.0, 5546.0, 5432.0, 5672.0, 5485.0, 5685.0, 5314.0, 5300.0, 5692.0, 5643.0, 5502.0, 5462.0, 5429.0, 5518.0, 5384.0, 5709.0,

						5498.0, 5321.0, 5637.0, 5358.0, 5310.0, 5601.0, 5386.0, 5648.0, 5288.0, 5439.0, 5447.0, 5413.0, 5344.0, 5474.0, 5313.0, 5558.0, 5443.0, 5674.0, 5540.0, 5661.0, 5566.0, 5342.0, 5690.0, 5280.0, 5710.0, 5318.0, 5281.0, 5270.0, 5326.0, 5339.0, 5423.0, 5605.0, 5338.0, 5620.0, 5606.0, 5451.0, 5579.0, 5639.0, 5714.0, 5493.0, 5616.0, 5668.0, 5587.0, 5662.0, 5387.0, 5396.0, 5634.0, 5441.0, 5251.0, 5470.0, 5403.0, 5328.0, 5283.0, 5490.0, 5294.0, 5641.0, 5299.0, 5282.0, 5354.0, 5298.0, 5630.0, 5528.0, 5368.0, 5596.0, 5659.0, 5633.0, 5669.0, 5400.0, 5491.0, 5693.0 (number of hits: 21)
30	5290	9	1	333	1	5678.0, 5668.0, 5560.0, 5370.0, 5712.0, 5530.0, 5636.0, 5476.0, 5685.0, 5414.0, 5300.0, 5379.0, 5576.0, 5659.0, 5706.0, 5264.0, 5693.0, 5335.0, 5252.0, 5421.0, 5402.0, 5531.0, 5614.0, 5664.0, 5285.0, 5336.0, 5674.0, 5596.0, 5670.0, 5520.0, 5282.0, 5615.0, 5389.0, 5617.0, 5288.0, 5444.0, 5446.0, 5279.0, 5353.0, 5667.0, 5718.0, 5512.0, 5573.0, 5458.0, 5564.0, 5260.0, 5406.0, 5574.0, 5461.0, 5291.0, 5522.0, 5495.0, 5507.0, 5626.0, 5362.0, 5588.0, 5679.0, 5565.0, 5268.0, 5390.0, 5577.0, 5663.0, 5710.0, 5498.0, 5505.0, 5483.0, 5319.0, 5705.0, 5697.0, 5360.0, 5396.0, 5471.0, 5273.0, 5295.0, 5293.0, 5437.0, 5357.0, 5382.0, 5570.0, 5631.0, 5438.0, 5556.0, 5426.0, 5347.0, 5606.0, 5452.0, 5419.0, 5447.0, 5315.0, 5516.0, 5571.0, 5468.0, 5640.0, 5711.0, 5490.0, 5662.0, 5639.0, 5521.0, 5600.0, 5541.0 (number of hits: 15)

5500 MHz, 20 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	90 %	60%	Pass
Type 3	30	83.3 %	60%	Pass
Type 4	30	80 %	60%	Pass
Aggregate (Type1 to 4)	120	88.3 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	89	1	598	1
2	5491	92	1	578	1
3	5491	95	1	558	1
4	5491	83	1	638	1
5	5491	58	1	918	1
6	5500	63	1	838	1
7	5500	67	1	798	1
8	5500	65	1	818	1
9	5500	102	1	518	1
10	5500	72	1	738	1
11	5509	76	1	698	1
12	5509	57	1	938	1
13	5509	81	1	658	1
14	5509	86	1	618	1
15	5509	70	1	758	1
16	5491	34	1	1593	1
17	5491	33	1	1616	1
18	5491	24	1	2276	1
19	5491	32	1	1673	1
20	5491	24	1	2266	1
21	5500	48	1	1116	1
22	5500	24	1	2256	1
23	5500	33	1	1641	1
24	5500	35	1	1532	1
25	5500	53	1	1012	1
26	5509	23	1	2390	1
27	5509	42	1	1287	1
28	5509	28	1	1932	1
29	5509	97	1	548	1
30	5509	28	1	1900	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	24	1.4	197	1
2	5491	24	3.7	220	1
3	5491	27	1.2	202	0
4	5491	24	1	150	1
5	5491	25	4.2	189	1
6	5491	23	2.8	185	1
7	5491	27	3.9	158	1
8	5491	23	3.3	183	1
9	5491	27	3.2	212	1
10	5491	26	2.1	160	0
11	5500	25	2.7	179	1
12	5500	24	3	180	1
13	5500	29	3.3	213	1
14	5500	27	4.6	199	1
15	5500	28	2.6	184	1
16	5500	26	5	196	1
17	5500	28	1.8	162	0
18	5500	29	3.3	190	1
19	5500	24	2.2	166	1
20	5500	29	4.1	175	1
21	5509	27	2.5	194	1
22	5509	26	2.1	211	1
23	5509	28	4.2	174	1
24	5509	29	4.1	177	1
25	5509	27	4.4	159	1
26	5509	23	3.2	172	1
27	5509	28	3.7	195	1
28	5509	24	4.6	169	1
29	5509	26	1.5	225	1
30	5509	27	3.6	153	1
Detection Percentage: 90.0 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	18	9.5	482	1
2	5491	17	7.6	277	1
3	5491	18	8.2	361	1
4	5491	16	7.3	211	1
5	5491	17	9.8	297	0
6	5491	16	7.2	432	1
7	5491	17	7.9	205	1
8	5491	17	6.9	214	1
9	5491	17	9.4	500	1
10	5491	17	7	222	1
11	5500	16	7.3	379	1
12	5500	16	8.5	495	0
13	5500	18	9.5	405	0
14	5500	17	7.6	408	1
15	5500	17	8.5	227	1
16	5500	18	7.5	416	0
17	5500	18	6.6	257	1
18	5500	18	6.7	410	1
19	5500	16	9.5	495	1
20	5500	16	6	291	0
21	5509	17	7.9	499	1
22	5509	17	9.7	204	1
23	5509	18	8.2	326	1
24	5509	18	8.6	403	1
25	5509	18	8.1	384	1
26	5509	18	8.1	251	1
27	5509	18	9.4	254	1
28	5509	16	6.9	392	1
29	5509	16	6.4	449	1
30	5509	17	6.5	228	1
Detection Percentage: 83.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491	15	19.3	416	1
2	5491	16	15.2	445	1
3	5491	14	14.6	460	1
4	5491	14	17.4	478	1
5	5491	13	12.1	417	1
6	5491	16	14.6	471	1
7	5491	15	16.6	249	1
8	5491	13	13.1	353	1
9	5491	15	15.1	468	0
10	5491	12	12.5	491	1
11	5500	13	20	282	1
12	5500	15	16.7	422	0
13	5500	13	11.9	464	1
14	5500	16	19.6	456	1
15	5500	12	18.9	392	1
16	5500	14	14.9	470	1
17	5500	12	11.4	446	0
18	5500	12	13.5	287	1
19	5500	15	12.4	326	1
20	5500	16	19	350	1
21	5509	16	14.2	282	0
22	5509	14	11.4	321	1
23	5509	14	16.8	238	0
24	5509	12	17.4	319	1
25	5509	16	11.4	260	1
26	5509	16	17.2	398	1
27	5509	14	14.9	238	1
28	5509	12	12.1	222	0
29	5509	12	19.5	312	1
30	5509	14	17.3	452	1
Detection Percentage: 80.0 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5500	1
2	5500	1
3	5500	1
4	5500	1
5	5500	1
6	5500	1
7	5500	1
8	5500	1
9	5500	1
10	5500	1
11	5496.2	1
12	5498.2	1
13	5494.6	1
14	5495.0	1
15	5499.0	1
16	5498.6	1
17	5497.8	1
18	5497.4	1
19	5499.0	1
20	5494.6	1
21	5505.8	1
22	5507.0	1
23	5502.2	1
24	5504.6	1
25	5502.6	1
26	5503.0	1
27	5505.0	1
28	5506.2	1
29	5501.4	1
30	5506.6	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	52.9	1143		0.14315	1
1	3	10	57.6	1794	1518	1.83011	
2	1	10	92.5			3.101944	
3	2	10	94.3	1443		3.813239	
4	2	10	65.6	1805		4.837259	
5	2	10	68	1190		6.45205	
6	1	10	77.2			7.244998	
7	3	10	51.7	1802	1288	7.969008	
8	3	10	67.1	1870	1845	9.277458	
9	3	10	87.4	1118	1166	10.524956	
10	2	10	98.8	1658		11.654098	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	58.4	1581		1.16973	1
1	2	13	59.9	1052		1.695503	
2	1	13	52.5			2.811932	
3	3	13	95.3	1851	1439	4.55853	
4	2	13	73	1245		5.677647	
5	2	13	51.9	1184		6.474078	
6	1	13	64.8			7.233875	
7	2	13	50.7	1536		8.938657	
8	2	13	76.7	1578		10.116795	
9	1	13	74.8			11.933916	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	95.5	1061		0.401267	1
1	1	8	55.2			1.218419	
2	2	8	83.2	1744		2.107638	
3	2	8	90.5	1480		2.657061	
4	2	8	78.3	1141		4.131517	
5	3	8	52.3	1361	1168	4.762414	
6	2	8	70.1	1482		5.508493	
7	3	8	66	1812	1227	6.789093	
8	3	8	94.9	1124	1897	7.460553	
9	2	8	78.8	1364		8.4015	
10	2	8	54.3	1490		9.062954	
11	2	8	83.2	1664		9.47745	
12	1	8	76.1			10.524933	
13	2	8	66.2	1727		11.460771	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	97.7	1821		0.411683	1
1	2	8	50.9	1686		0.90562	
2	3	8	87.9	1309	1346	2.217468	
3	2	8	66.9	1617		3.051283	
4	1	8	86.9			3.709868	
5	2	8	90.5	1984		4.438357	
6	3	8	76.8	1162	1237	5.507816	
7	2	8	69.6	1191		6.141781	
8	3	8	98.7	1827	1210	7.119951	
9	2	8	50.9	1896		7.248785	
10	2	8	69.4	1118		8.720801	
11	2	8	67.8	1757		9.380006	
12	2	8	83.4	1986		10.023432	
13	2	8	94.2	1523		10.6029	
14	2	8	85.7	1159		11.354048	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	64.9			0.855928	1
1	2	6	68.8	1022		1.628125	
2	2	6	78.4	1508		2.982145	
3	2	6	64.2	1074		3.587468	
4	3	6	87.1	1331	1045	4.609044	
5	3	6	92.3	1126	1879	5.947934	
6	2	6	83.9	1303		6.830228	
7	1	6	91.5			7.757561	
8	1	6	96.8			8.509997	
9	3	6	60.9	1961	1317	9.945907	
10	2	6	90.1	1506		10.828124	
11	1	6	99.5			11.254983	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	95.6			1.433735	1
1	3	8	77.9	1454	1720	2.04693	
2	2	8	67.6	1218		3.598749	
3	3	8	57.9	1342	1558	5.75821	
4	3	8	57.7	1073	1507	6.004555	
5	1	8	66.1			7.733738	
6	1	8	54.2			9.263472	
7	2	8	51.5	1005		11.656437	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	50.2	1673	1547	0.36326	
1	3	9	89.9	1494	1872	1.22851	
2	3	9	96.6	1835	1752	2.069816	
3	1	9	71.8			2.745667	
4	2	9	88.8	1297		3.457766	
5	2	9	77.1	1668		4.370258	
6	2	9	78.7	1774		5.48999	
7	3	9	50.3	1270	1510	5.641797	1
8	1	9	82.5			7.061655	
9	2	9	64.8	1692		7.680887	
10	2	9	94	1241		8.472444	
11	1	9	93.2			8.836983	
12	1	9	71.2			9.614195	
13	3	9	73.3	1194	1141	10.850334	
14	2	9	56.8	1693		11.222996	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	85.4	1160		0.477804	
1	2	5	71.8	1989		1.558733	
2	2	5	77.5	1102		1.768994	
3	2	5	86.2	1070		2.994809	
4	2	5	61.1	1059		3.845209	
5	3	5	66.9	1542	1636	4.86649	
6	3	5	90.2	1925	1058	5.981382	
7	2	5	81.9	1581		6.569099	1
8	2	5	69.7	1733		7.319611	
9	3	5	62.3	1883	1836	7.806187	
10	1	5	64.9			8.763001	
11	2	5	86.1	1376		10.128922	
12	2	5	99.2	1554		11.099761	
13	2	5	67.7	1849		11.893693	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	97.5	1618		0.934613	1
1	3	7	52.4	1770	1554	2.033847	
2	3	7	73.9	1557	1170	3.194622	
3	2	7	89.3	1225		4.498722	
4	2	7	88.3	1876		5.372958	
5	2	7	96.5	1230		7.158655	
6	1	7	53			9.254914	
7	3	7	66.8	1019	1061	10.392065	
8	2	7	93.4	1962		10.734015	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	88.3	1792	1221	0.242614	1
1	2	5	95.6	1178		1.175935	
2	2	5	89.2	1396		2.12833	
3	2	5	83	1369		2.737921	
4	1	5	87			3.696041	
5	1	5	53.4			4.65433	
6	2	5	89.9	1103		5.812514	
7	2	5	86.8	1763		6.103895	
8	2	5	82.5	1031		7.592261	
9	3	5	53.9	1771	1374	8.448168	
10	2	5	53.8	1882		9.314852	
11	2	5	50.7	1714		9.940147	
12	1	5	71.5			11.002548	
13	2	5	61.7	1263		11.814204	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	61.5	1767		0.307041	1
1	3	13	70.5	1321	1895	2.182171	
2	3	13	85.1	1791	1235	2.686867	
3	2	13	69.6	1973		3.83595	
4	2	13	72.1	1596		5.353483	
5	2	13	84.5	1179		6.38035	
6	1	13	55.6			7.218645	
7	1	13	86.5			8.808828	
8	3	13	60.8	1955	1143	9.671527	
9	3	13	82.3	1885	1926	11.662101	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	86.3			0.164487	1
1	2	18	84	1156		1.331947	
2	1	18	91.4			1.989398	
3	2	18	61.7	1470		2.804461	
4	2	18	85.4	1634		3.035082	
5	1	18	69			3.64544	
6	1	18	77.6			4.647303	
7	3	18	82.7	1966	1565	5.470721	
8	1	18	96.7			6.346222	
9	3	18	82.6	1005	1856	6.718037	
10	3	18	52.4	1589	1491	7.729215	
11	2	18	96.7	1437		7.978827	
12	1	18	74.4			8.968075	
13	3	18	78.5	1268	1196	9.796657	
14	2	18	93.9	1646		10.423614	
15	3	18	96.9	1377	1011	10.811983	
16	3	18	99.5	1462	1148	11.97586	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	9	87.9			0.118408	1
1	3	9	85.1	1613	1714	1.124023	
2	2	9	80.8	1227		2.556434	
3	3	9	75.6	1665	1199	2.869594	
4	2	9	96.2	1431		4.534597	
5	2	9	73.4	1408		5.346003	
6	3	9	60.3	1922	1390	6.262442	
7	1	9	67.3			6.755989	
8	1	9	79.3			7.611687	
9	3	9	85	1621	1962	8.377664	
10	1	9	75.2			9.714299	
11	2	9	65.4	1068		10.788428	
12	2	9	99.3	1262		11.40335	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	78.9	1147		0.780535	1
1	1	10	67.7			1.571353	
2	1	10	99			2.188764	
3	2	10	62.7	1301		2.669117	
4	2	10	79.6	1189		3.913223	
5	1	10	93.2			4.370678	
6	3	10	65.5	1917	1118	5.304203	
7	2	10	76.1	1290		6.199899	
8	2	10	80	1045		7.471146	
9	2	10	86.6	1069		7.93143	
10	1	10	95.5			8.602016	
11	1	10	84.7			9.720476	
12	2	10	93.3	1233		11.024513	
13	1	10	77.4			11.709614	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	86.7			0.592965	
1	1	20	77.7			0.911099	
2	3	20	61.4	1857	1854	2.038253	
3	2	20	90.6	1253		2.635694	
4	2	20	50.1	1548		3.003817	
5	2	20	81	1267		3.99021	
6	3	20	81	1208	1594	4.251498	
7	2	20	71.9	1045		5.24402	
8	2	20	76.1	1319		5.837813	1
9	3	20	97	1713	1261	6.709689	
10	2	20	71.1	1648		7.480644	
11	2	20	88.4	1453		7.772554	
12	2	20	79	1429		8.668457	
13	2	20	88.1	1275		9.866865	
14	2	20	86.9	1361		10.493866	
15	3	20	92.3	1390	1112	10.822669	
16	3	20	85.5	1704	1896	11.877816	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	88.4	1854	1043	0.085043	
1	2	19	91.8	1539		1.920443	
2	1	19	81.7			3.920584	
3	2	19	92.4	1310		5.216813	
4	2	19	73.1	1193		6.556785	1
5	2	19	92.9	1317		7.941168	
6	2	19	81.2	1149		9.068266	
7	2	19	77.7	1046		10.823905	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	17	82.5	1023	1953	0.680555	
1	2	17	76	1163		1.590611	
2	2	17	78.9	1866		3.301555	
3	3	17	61.8	1686	1305	4.064299	
4	3	17	53.9	1575	1222	6.462891	1
5	2	17	91.7	1212		7.363734	
6	2	17	68.9	1687		9.068681	
7	2	17	99	1852		9.877953	
8	1	17	83.3			11.344935	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	16	82.8	1709	1416	0.433649	
1	2	16	78.6	1594		1.301961	
2	3	16	97.5	1916	1888	2.250146	
3	1	16	84.8			2.705869	
4	2	16	98.6	1762		3.260628	
5	2	16	55	1244		4.23256	
6	2	16	85.8	1804		5.13305	
7	2	16	75.4	1241		6.101868	1
8	2	16	88.3	1559		6.804124	
9	3	16	90.1	1456	1119	7.722781	
10	2	16	61	1558		8.334507	
11	1	16	70.1			9.023188	
12	2	16	95.8	1569		10.370296	
13	3	16	75.3	1395	1919	11.159671	
14	1	16	69.3			11.229013	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	20	78.6			0.675117	1
1	2	20	66.5	1098		1.323644	
2	3	20	53.1	1475	1789	2.43429	
3	1	20	60.8			2.755309	
4	3	20	65.3	1962	1691	4.115212	
5	1	20	61.1			4.486696	
6	3	20	71.7	1803	1028	5.889325	
7	3	20	65.9	1081	1091	6.03183	
8	3	20	70.4	1543	1343	7.681877	
9	2	20	82.7	1357		8.371634	
10	3	20	65.9	1723	1848	8.839961	
11	2	20	97.2	1122		9.695454	
12	2	20	78.8	1796		11.03615	
13	1	20	89.7			11.693516	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	94	1579	1592	0.018342	1
1	3	9	76.2	1588	1303	1.475037	
2	3	9	70.6	1154	1019	2.14222	
3	2	9	81.3	1071		2.535981	
4	2	9	62.2	1973		3.423796	
5	2	9	93	1806		4.577995	
6	1	9	57.2			4.813809	
7	3	9	61.9	1598	1705	5.66108	
8	3	9	74.1	1924	1848	6.593192	
9	2	9	76	1571		7.298895	
10	3	9	53.2	1554	1491	8.341895	
11	3	9	67.7	1583	1018	9.456286	
12	3	9	80.4	1048	1025	10.326511	
13	3	9	53.2	1220	1785	10.9179	
14	1	9	75.8			11.624146	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	66.1	1577		0.138017	
1	2	8	78.9	1746		1.417126	
2	2	8	86	1955		2.066165	
3	2	8	87.4	1569		3.561712	
4	2	8	73	1976		4.26153	
5	2	8	51.7	1666		5.109511	
6	3	8	51.2	1600	1681	5.585441	1
7	2	8	85.1	1616		7.356045	
8	2	8	65.7	1425		7.445132	
9	1	8	94.4			8.895188	
10	2	8	62.2	1886		9.462929	
11	3	8	59.5	1989	1865	10.658997	
12	1	8	67.1			11.345744	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	59.9	1053	1417	0.441258	
1	3	5	66.4	1303	1048	1.546254	
2	2	5	92.5	1161		3.585892	
3	2	5	96.4	1707		4.499055	
4	1	5	91.1			5.248053	
5	2	5	80.5	1751		7.108131	1
6	3	5	55	1004	1075	7.401807	
7	2	5	53.6	1358		9.07227	
8	1	5	83.2			10.557668	
9	3	5	52.2	1545	1716	11.294349	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	94.7	1992		0.41821	
1	2	17	53.8	1765		1.11814	
2	3	17	69.6	1527	1666	1.636917	
3	2	17	67.5	1253		2.194181	
4	2	17	79.6	1764		3.110982	
5	2	17	62.9	1546		3.985755	
6	2	17	72.5	1060		4.102245	
7	2	17	79.6	1837		5.203272	
8	3	17	56.2	1243	1129	5.905877	1
9	3	17	80.6	1037	1858	6.218567	
10	1	17	97.1			6.862739	
11	2	17	92.9	1521		7.341477	
12	1	17	58.5			8.311963	
13	3	17	62.1	1257	1602	9.283257	
14	2	17	52.6	1393		9.375945	
15	2	17	51.7	1550		10.495799	
16	3	17	58.2	1655	1553	11.168508	
17	2	17	99.8	1090		11.691136	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	72.4	1468		0.514867	
1	2	11	62.1	1085		1.29468	
2	3	11	95.6	1642	1351	1.453618	
3	2	11	82.6	1464		2.52722	
4	3	11	60.9	1193	1922	2.847161	
5	2	11	88.8	1225		3.674778	
6	2	11	53.3	1034		4.892018	
7	1	11	67.9			5.631515	
8	2	11	82.1	1368		5.648474	1
9	2	11	99.8	1967		6.878298	
10	1	11	89			7.127691	
11	2	11	81.1	1135		8.037861	
12	3	11	87.3	1150	1342	8.996224	
13	1	11	55.8			9.504173	
14	2	11	76.2	1636		10.189849	
15	1	11	61			11.256125	
16	1	11	95			11.308912	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	69.5	1337		0.575356	1
1	2	16	74.8	1797		1.302707	
2	3	16	60.5	1699	1373	1.58505	
3	2	16	58.4	1070		2.32013	
4	3	16	65.2	1207	1309	3.05798	
5	2	16	64.3	1032		3.873027	
6	3	16	81.8	1349	1127	4.261274	
7	3	16	59.9	1989	1327	5.135672	
8	2	16	62.6	1103		5.992785	
9	2	16	70.1	1651		6.515797	
10	2	16	64.8	1643		7.122055	
11	2	16	66.2	1341		7.380498	
12	1	16	59.9			8.259979	
13	1	16	52			8.931596	
14	2	16	65.8	1409		9.801312	
15	3	16	79.1	1579	1642	10.639607	
16	2	16	89.9	1030		10.767826	
17	2	16	60	1149		11.547887	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	15	99.2	1221	1237	1.076092	1
1	1	15	97.7			1.895851	
2	2	15	74.9	1227		2.193346	
3	3	15	68.9	1996	1400	3.873498	
4	2	15	59.8	1156		5.079661	
5	2	15	56.7	1875		5.574808	
6	1	15	80.3			6.592568	
7	2	15	65.4	1995		7.94318	
8	1	15	79.7			9.059239	
9	2	15	61.7	1711		10.805024	
10	3	15	55.3	1634	1917	11.956733	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	93.8			0.509311	
1	2	10	99.6	1566		0.818107	
2	2	10	56.3	1418		1.93677	
3	2	10	54.4	1338		2.609117	
4	3	10	88.8	1793	1525	3.380617	
5	1	10	59.3			3.772224	
6	1	10	74.5			4.93355	
7	3	10	51.5	1163	1779	5.539045	
8	2	10	75.7	1687		6.048084	1
9	2	10	64	1974		6.772881	
10	3	10	98.2	1243	1953	7.677318	
11	2	10	59.2	1780		8.23687	
12	2	10	78.1	1564		9.001613	
13	1	10	74.5			9.373741	
14	2	10	96.3	1930		10.538777	
15	1	10	90.6			10.642063	
16	2	10	97.4	1801		11.782942	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	68.7			0.265223	
1	2	7	56.3	1872		0.942432	
2	2	7	87.3	1826		2.023199	
3	1	7	82.5			2.453198	
4	3	7	88.7	1947	1955	3.081228	
5	2	7	58.3	1779		3.65619	
6	1	7	85.7			4.65344	
7	3	7	68.1	1247	1453	5.328795	
8	1	7	60.2			6.184735	1
9	3	7	60.7	1730	1914	6.68056	
10	3	7	89.7	1342	1861	7.609244	
11	1	7	84.2			7.884402	
12	3	7	70	1969	1934	9.077706	
13	3	7	62.4	1258	1264	9.190119	
14	2	7	97	1275		10.295463	
15	2	7	53.9	1523		10.629352	
16	1	7	91.9			11.906898	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	88.7	1980	1450	0.258457	
1	3	19	50	1576	1476	0.925841	
2	2	19	50.2	1186		2.589452	
3	1	19	55.7			3.454837	
4	2	19	88.6	1525		4.07253	
5	2	19	70.8	1665		5.247337	
6	2	19	73	1253		6.282591	1
7	3	19	68.3	1998	1196	6.683303	
8	3	19	58.4	1135	1235	7.721612	
9	3	19	96.3	1738	1830	8.328795	
10	2	19	70.8	1084		9.308941	
11	2	19	71.9	1243		10.220387	
12	3	19	91	1320	1299	11.555571	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	88.4	1456		0.272552	
1	1	6	58.2			1.105812	
2	1	6	96			2.262123	
3	3	6	73	1234	1161	3.336372	
4	3	6	73.4	1704	1683	3.943325	
5	2	6	91.7	1572		5.368126	
6	1	6	67.8			6.447826	1
7	2	6	75.9	1690		6.885171	
8	2	6	83.7	1639		7.714704	
9	1	6	54.7			8.982668	
10	1	6	87.7			9.634466	
11	1	6	63.2			10.468517	
12	3	6	95.3	1229	1605	11.13086	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5500	9	1	333	1	5301.0, 5623.0, 5510.0, 5429.0, 5382.0, 5279.0, 5486.0, 5496.0, 5403.0, 5259.0, 5369.0, 5615.0, 5603.0, 5420.0, 5636.0, 5411.0, 5662.0, 5722.0, 5479.0, 5512.0, 5289.0, 5261.0, 5691.0, 5460.0, 5410.0, 5670.0, 5367.0, 5686.0, 5599.0, 5412.0, 5276.0, 5263.0, 5434.0, 5573.0, 5565.0, 5421.0, 5308.0, 5316.0, 5328.0, 5371.0, 5374.0, 5659.0, 5598.0, 5348.0, 5707.0, 5680.0, 5319.0, 5335.0, 5624.0, 5700.0, 5537.0, 5385.0, 5592.0, 5306.0, 5667.0, 5446.0, 5358.0, 5344.0, 5307.0, 5709.0, 5386.0, 5661.0, 5258.0, 5640.0, 5311.0, 5607.0, 5617.0, 5605.0, 5287.0, 5616.0, 5602.0, 5310.0, 5426.0, 5718.0, 5442.0, 5632.0, 5364.0, 5676.0, 5478.0, 5551.0, 5349.0, 5380.0, 5251.0, 5272.0, 5701.0, 5622.0, 5651.0, 5425.0, 5330.0, 5437.0, 5635.0, 5723.0, 5520.0, 5633.0, 5687.0, 5697.0, 5377.0, 5642.0, 5482.0, 5485.0 (number of hits: 1)
2	5500	9	1	333	1	5717.0, 5466.0, 5257.0, 5556.0, 5433.0, 5590.0, 5562.0, 5261.0, 5374.0, 5715.0, 5642.0, 5371.0, 5385.0, 5591.0, 5531.0, 5697.0, 5536.0, 5510.0, 5264.0, 5418.0, 5376.0, 5431.0, 5518.0, 5441.0, 5539.0, 5315.0, 5428.0, 5449.0, 5528.0, 5457.0, 5667.0, 5491.0, 5649.0, 5671.0, 5446.0, 5284.0, 5289.0, 5254.0, 5335.0, 5389.0, 5448.0, 5280.0, 5396.0, 5328.0, 5617.0, 5538.0, 5274.0, 5607.0, 5360.0, 5695.0, 5551.0, 5340.0, 5610.0, 5419.0, 5644.0, 5620.0, 5375.0, 5472.0, 5577.0, 5542.0, 5406.0, 5600.0, 5408.0, 5296.0, 5323.0, 5481.0, 5604.0, 5566.0, 5705.0, 5630.0, 5266.0, 5312.0, 5411.0, 5552.0, 5508.0, 5619.0, 5608.0, 5543.0, 5317.0, 5722.0, 5344.0, 5394.0, 5309.0, 5512.0, 5407.0, 5273.0, 5555.0, 5684.0, 5305.0, 5347.0, 5288.0, 5485.0, 5435.0, 5708.0, 5445.0, 5656.0, 5260.0, 5393.0, 5490.0, 5569.0 (number of hits: 2)
3	5500	9	1	333	1	5481.0, 5393.0, 5555.0, 5620.0, 5314.0, 5571.0, 5592.0, 5658.0, 5382.0, 5259.0, 5373.0, 5477.0, 5371.0, 5283.0, 5387.0, 5697.0, 5655.0, 5423.0, 5677.0, 5576.0, 5318.0, 5650.0, 5526.0, 5656.0, 5260.0, 5278.0, 5388.0, 5580.0, 5500.0, 5266.0, 5687.0, 5298.0, 5392.0, 5265.0, 5304.0, 5389.0, 5417.0, 5395.0, 5305.0, 5502.0, 5516.0, 5542.0, 5404.0, 5536.0, 5557.0, 5665.0, 5353.0, 5346.0, 5334.0, 5411.0, 5547.0, 5632.0, 5588.0, 5492.0, 5454.0, 5415.0, 5595.0, 5335.0, 5596.0, 5409.0,

						5302.0, 5594.0, 5268.0, 5507.0, 5275.0, 5436.0, 5439.0, 5669.0, 5451.0, 5319.0, 5482.0, 5616.0, 5720.0, 5551.0, 5407.0, 5667.0, 5493.0, 5267.0, 5473.0, 5597.0, 5316.0, 5294.0, 5621.0, 5570.0, 5628.0, 5515.0, 5453.0, 5485.0, 5508.0, 5394.0, 5480.0, 5308.0, 5486.0, 5309.0, 5419.0, 5375.0, 5290.0, 5332.0, 5325.0, 5607.0 (number of hits: 6)
4	5500	9	1	333	1	5652.0, 5642.0, 5578.0, 5266.0, 5501.0, 5711.0, 5374.0, 5377.0, 5348.0, 5379.0, 5672.0, 5484.0, 5629.0, 5597.0, 5700.0, 5555.0, 5661.0, 5719.0, 5493.0, 5261.0, 5532.0, 5386.0, 5335.0, 5358.0, 5639.0, 5601.0, 5592.0, 5413.0, 5715.0, 5482.0, 5510.0, 5586.0, 5550.0, 5256.0, 5320.0, 5543.0, 5477.0, 5589.0, 5475.0, 5668.0, 5337.0, 5417.0, 5295.0, 5480.0, 5598.0, 5491.0, 5666.0, 5433.0, 5359.0, 5637.0, 5398.0, 5308.0, 5310.0, 5456.0, 5373.0, 5321.0, 5607.0, 5250.0, 5269.0, 5442.0, 5713.0, 5516.0, 5423.0, 5522.0, 5424.0, 5395.0, 5331.0, 5698.0, 5447.0, 5323.0, 5655.0, 5355.0, 5627.0, 5429.0, 5718.0, 5426.0, 5380.0, 5674.0, 5676.0, 5636.0, 5294.0, 5471.0, 5403.0, 5401.0, 5537.0, 5492.0, 5558.0, 5705.0, 5546.0, 5362.0, 5324.0, 5714.0, 5418.0, 5304.0, 5270.0, 5720.0, 5630.0, 5505.0, 5517.0, 5498.0 (number of hits: 6)
5	5500	9	1	333	1	5689.0, 5558.0, 5453.0, 5331.0, 5713.0, 5662.0, 5271.0, 5619.0, 5505.0, 5594.0, 5684.0, 5494.0, 5296.0, 5537.0, 5665.0, 5289.0, 5380.0, 5515.0, 5601.0, 5318.0, 5332.0, 5276.0, 5688.0, 5655.0, 5302.0, 5406.0, 5673.0, 5678.0, 5717.0, 5395.0, 5538.0, 5265.0, 5418.0, 5577.0, 5606.0, 5716.0, 5699.0, 5555.0, 5718.0, 5637.0, 5264.0, 5376.0, 5316.0, 5400.0, 5422.0, 5501.0, 5270.0, 5313.0, 5267.0, 5396.0, 5571.0, 5468.0, 5568.0, 5541.0, 5384.0, 5700.0, 5521.0, 5489.0, 5449.0, 5613.0, 5711.0, 5528.0, 5483.0, 5527.0, 5471.0, 5333.0, 5704.0, 5657.0, 5546.0, 5565.0, 5408.0, 5551.0, 5669.0, 5656.0, 5445.0, 5507.0, 5365.0, 5563.0, 5712.0, 5431.0, 5676.0, 5435.0, 5578.0, 5492.0, 5345.0, 5603.0, 5709.0, 5428.0, 5268.0, 5317.0, 5419.0, 5624.0, 5397.0, 5602.0, 5341.0, 5534.0, 5353.0, 5375.0, 5632.0, 5281.0 (number of hits: 5)
6	5500	9	1	333	1	5574.0, 5660.0, 5403.0, 5687.0, 5363.0, 5698.0, 5495.0, 5605.0, 5502.0, 5695.0, 5517.0, 5664.0, 5321.0, 5474.0, 5523.0, 5394.0, 5388.0, 5333.0, 5712.0, 5677.0, 5668.0, 5259.0, 5291.0, 5697.0, 5534.0, 5278.0, 5585.0, 5347.0, 5491.0, 5396.0, 5260.0, 5380.0, 5588.0, 5354.0, 5680.0, 5544.0, 5567.0, 5515.0, 5308.0, 5419.0, 5383.0, 5421.0, 5659.0, 5349.0, 5662.0,

						5548.0, 5464.0, 5402.0, 5358.0, 5467.0, 5384.0, 5619.0, 5637.0, 5420.0, 5578.0, 5505.0, 5345.0, 5597.0, 5559.0, 5706.0, 5489.0, 5633.0, 5651.0, 5552.0, 5469.0, 5598.0, 5645.0, 5661.0, 5335.0, 5427.0, 5647.0, 5325.0, 5331.0, 5641.0, 5285.0, 5529.0, 5593.0, 5374.0, 5672.0, 5473.0, 5444.0, 5627.0, 5368.0, 5378.0, 5253.0, 5414.0, 5377.0, 5573.0, 5541.0, 5670.0, 5355.0, 5445.0, 5701.0, 5376.0, 5608.0, 5511.0, 5480.0, 5568.0, 5398.0, 5370.0 (number of hits: 4)
7	5500	9	1	333	1	5321.0, 5328.0, 5619.0, 5455.0, 5454.0, 5553.0, 5577.0, 5372.0, 5461.0, 5618.0, 5370.0, 5672.0, 5283.0, 5281.0, 5475.0, 5352.0, 5260.0, 5450.0, 5500.0, 5634.0, 5525.0, 5362.0, 5620.0, 5357.0, 5576.0, 5423.0, 5262.0, 5271.0, 5295.0, 5627.0, 5494.0, 5465.0, 5555.0, 5539.0, 5588.0, 5296.0, 5397.0, 5324.0, 5537.0, 5459.0, 5585.0, 5649.0, 5468.0, 5318.0, 5344.0, 5282.0, 5723.0, 5435.0, 5264.0, 5520.0, 5663.0, 5276.0, 5554.0, 5591.0, 5268.0, 5623.0, 5442.0, 5446.0, 5473.0, 5272.0, 5608.0, 5601.0, 5303.0, 5705.0, 5420.0, 5679.0, 5570.0, 5285.0, 5422.0, 5714.0, 5543.0, 5667.0, 5463.0, 5286.0, 5346.0, 5254.0, 5388.0, 5273.0, 5452.0, 5350.0, 5490.0, 5487.0, 5319.0, 5399.0, 5509.0, 5578.0, 5581.0, 5514.0, 5451.0, 5406.0, 5507.0, 5392.0, 5331.0, 5559.0, 5615.0, 5603.0, 5610.0, 5343.0, 5548.0, 5345.0 (number of hits: 3)
8	5500	9	1	333	1	5506.0, 5294.0, 5610.0, 5418.0, 5447.0, 5572.0, 5318.0, 5660.0, 5675.0, 5351.0, 5319.0, 5599.0, 5300.0, 5580.0, 5719.0, 5438.0, 5485.0, 5390.0, 5608.0, 5302.0, 5656.0, 5445.0, 5278.0, 5510.0, 5645.0, 5266.0, 5288.0, 5316.0, 5568.0, 5616.0, 5667.0, 5627.0, 5565.0, 5363.0, 5352.0, 5641.0, 5664.0, 5326.0, 5251.0, 5622.0, 5603.0, 5680.0, 5569.0, 5564.0, 5567.0, 5586.0, 5367.0, 5464.0, 5522.0, 5560.0, 5706.0, 5282.0, 5399.0, 5257.0, 5437.0, 5577.0, 5624.0, 5685.0, 5460.0, 5594.0, 5292.0, 5638.0, 5639.0, 5456.0, 5504.0, 5252.0, 5467.0, 5659.0, 5408.0, 5643.0, 5702.0, 5542.0, 5306.0, 5684.0, 5269.0, 5672.0, 5272.0, 5548.0, 5519.0, 5260.0, 5284.0, 5546.0, 5713.0, 5696.0, 5377.0, 5515.0, 5566.0, 5413.0, 5471.0, 5538.0, 5359.0, 5615.0, 5409.0, 5642.0, 5666.0, 5427.0, 5487.0, 5396.0, 5475.0, 5358.0 (number of hits: 2)
9	5500	9	1	333	1	5645.0, 5313.0, 5338.0, 5476.0, 5650.0, 5376.0, 5252.0, 5616.0, 5377.0, 5658.0, 5492.0, 5522.0, 5340.0, 5298.0, 5534.0, 5375.0, 5537.0, 5261.0, 5319.0, 5559.0, 5473.0, 5405.0, 5296.0, 5470.0, 5591.0, 5331.0, 5689.0, 5723.0, 5320.0, 5575.0,

						5602.0, 5329.0, 5571.0, 5680.0, 5555.0, 5507.0, 5598.0, 5256.0, 5663.0, 5350.0, 5601.0, 5556.0, 5302.0, 5552.0, 5596.0, 5270.0, 5706.0, 5701.0, 5714.0, 5403.0, 5337.0, 5633.0, 5637.0, 5466.0, 5511.0, 5635.0, 5353.0, 5527.0, 5519.0, 5549.0, 5504.0, 5412.0, 5493.0, 5346.0, 5428.0, 5670.0, 5449.0, 5379.0, 5620.0, 5452.0, 5482.0, 5698.0, 5417.0, 5502.0, 5365.0, 5676.0, 5510.0, 5306.0, 5613.0, 5686.0, 5545.0, 5395.0, 5638.0, 5694.0, 5451.0, 5506.0, 5283.0, 5674.0, 5322.0, 5703.0, 5369.0, 5604.0, 5333.0, 5304.0, 5579.0, 5348.0, 5610.0, 5525.0, 5408.0, 5282.0 (number of hits: 6)
10	5500	9	1	333	1	5560.0, 5486.0, 5664.0, 5435.0, 5332.0, 5596.0, 5719.0, 5697.0, 5533.0, 5552.0, 5264.0, 5285.0, 5295.0, 5512.0, 5538.0, 5642.0, 5470.0, 5252.0, 5302.0, 5518.0, 5698.0, 5630.0, 5669.0, 5383.0, 5472.0, 5406.0, 5616.0, 5352.0, 5466.0, 5461.0, 5537.0, 5490.0, 5528.0, 5384.0, 5272.0, 5688.0, 5374.0, 5520.0, 5568.0, 5671.0, 5561.0, 5498.0, 5327.0, 5270.0, 5604.0, 5355.0, 5558.0, 5691.0, 5342.0, 5366.0, 5720.0, 5503.0, 5336.0, 5711.0, 5609.0, 5545.0, 5393.0, 5675.0, 5653.0, 5319.0, 5646.0, 5484.0, 5401.0, 5509.0, 5312.0, 5304.0, 5556.0, 5602.0, 5422.0, 5458.0, 5655.0, 5452.0, 5501.0, 5357.0, 5423.0, 5316.0, 5267.0, 5718.0, 5650.0, 5403.0, 5322.0, 5643.0, 5320.0, 5372.0, 5375.0, 5710.0, 5475.0, 5404.0, 5369.0, 5306.0, 5296.0, 5376.0, 5606.0, 5415.0, 5527.0, 5425.0, 5309.0, 5311.0, 5292.0, 5513.0 (number of hits: 3)
11	5500	9	1	333	1	5383.0, 5475.0, 5326.0, 5349.0, 5685.0, 5681.0, 5548.0, 5690.0, 5675.0, 5535.0, 5277.0, 5665.0, 5704.0, 5490.0, 5315.0, 5691.0, 5396.0, 5612.0, 5549.0, 5591.0, 5436.0, 5306.0, 5309.0, 5404.0, 5656.0, 5274.0, 5317.0, 5663.0, 5632.0, 5639.0, 5424.0, 5382.0, 5353.0, 5582.0, 5447.0, 5262.0, 5460.0, 5583.0, 5416.0, 5653.0, 5308.0, 5415.0, 5329.0, 5304.0, 5298.0, 5513.0, 5614.0, 5438.0, 5369.0, 5268.0, 5446.0, 5554.0, 5635.0, 5314.0, 5567.0, 5320.0, 5375.0, 5659.0, 5412.0, 5620.0, 5285.0, 5478.0, 5453.0, 5571.0, 5562.0, 5718.0, 5551.0, 5616.0, 5660.0, 5305.0, 5316.0, 5386.0, 5407.0, 5354.0, 5702.0, 5530.0, 5267.0, 5418.0, 5699.0, 5642.0, 5576.0, 5596.0, 5703.0, 5645.0, 5409.0, 5463.0, 5695.0, 5311.0, 5580.0, 5714.0, 5428.0, 5491.0, 5631.0, 5399.0, 5273.0, 5470.0, 5662.0, 5411.0, 5565.0, 5625.0 (number of hits: 1)
12	5500	9	1	333	1	5557.0, 5595.0, 5705.0, 5399.0, 5503.0, 5480.0, 5681.0, 5412.0, 5419.0, 5558.0, 5465.0, 5444.0, 5288.0, 5470.0, 5438.0,

						5563.0, 5627.0, 5505.0, 5424.0, 5639.0, 5456.0, 5498.0, 5657.0, 5312.0, 5356.0, 5341.0, 5666.0, 5476.0, 5466.0, 5457.0, 5717.0, 5562.0, 5668.0, 5538.0, 5327.0, 5426.0, 5461.0, 5357.0, 5291.0, 5674.0, 5406.0, 5323.0, 5410.0, 5637.0, 5496.0, 5707.0, 5578.0, 5405.0, 5652.0, 5671.0, 5662.0, 5610.0, 5274.0, 5574.0, 5570.0, 5299.0, 5377.0, 5580.0, 5544.0, 5675.0, 5329.0, 5672.0, 5442.0, 5549.0, 5547.0, 5545.0, 5619.0, 5497.0, 5354.0, 5572.0, 5633.0, 5452.0, 5510.0, 5409.0, 5285.0, 5714.0, 5661.0, 5715.0, 5685.0, 5537.0, 5588.0, 5318.0, 5439.0, 5626.0, 5462.0, 5322.0, 5658.0, 5378.0, 5445.0, 5516.0, 5301.0, 5366.0, 5314.0, 5427.0, 5686.0, 5691.0, 5676.0, 5330.0, 5535.0, 5561.0 (number of hits: 5)
13	5500	9	1	333	1	5490.0, 5642.0, 5661.0, 5471.0, 5462.0, 5270.0, 5524.0, 5617.0, 5432.0, 5257.0, 5320.0, 5336.0, 5634.0, 5541.0, 5600.0, 5619.0, 5603.0, 5365.0, 5472.0, 5562.0, 5266.0, 5416.0, 5418.0, 5676.0, 5510.0, 5388.0, 5306.0, 5583.0, 5686.0, 5526.0, 5647.0, 5428.0, 5570.0, 5368.0, 5340.0, 5589.0, 5540.0, 5355.0, 5478.0, 5663.0, 5385.0, 5328.0, 5331.0, 5523.0, 5476.0, 5291.0, 5351.0, 5576.0, 5555.0, 5319.0, 5445.0, 5403.0, 5267.0, 5529.0, 5279.0, 5468.0, 5455.0, 5262.0, 5454.0, 5564.0, 5434.0, 5299.0, 5657.0, 5586.0, 5683.0, 5421.0, 5281.0, 5436.0, 5669.0, 5719.0, 5302.0, 5255.0, 5469.0, 5504.0, 5495.0, 5685.0, 5485.0, 5307.0, 5280.0, 5378.0, 5644.0, 5615.0, 5505.0, 5724.0, 5517.0, 5399.0, 5423.0, 5362.0, 5354.0, 5637.0, 5607.0, 5552.0, 5546.0, 5633.0, 5265.0, 5383.0, 5700.0, 5360.0, 5573.0, 5530.0 (number of hits: 3)
14	5500	9	1	333	1	5559.0, 5463.0, 5281.0, 5639.0, 5501.0, 5475.0, 5425.0, 5631.0, 5456.0, 5658.0, 5497.0, 5679.0, 5483.0, 5715.0, 5375.0, 5659.0, 5305.0, 5698.0, 5610.0, 5644.0, 5386.0, 5254.0, 5274.0, 5298.0, 5430.0, 5474.0, 5260.0, 5609.0, 5344.0, 5377.0, 5294.0, 5513.0, 5412.0, 5722.0, 5530.0, 5568.0, 5341.0, 5432.0, 5370.0, 5508.0, 5575.0, 5552.0, 5473.0, 5429.0, 5368.0, 5446.0, 5551.0, 5476.0, 5322.0, 5510.0, 5593.0, 5515.0, 5507.0, 5579.0, 5545.0, 5595.0, 5586.0, 5556.0, 5373.0, 5329.0, 5345.0, 5397.0, 5592.0, 5663.0, 5380.0, 5623.0, 5273.0, 5605.0, 5539.0, 5688.0, 5301.0, 5600.0, 5543.0, 5300.0, 5719.0, 5364.0, 5389.0, 5706.0, 5504.0, 5444.0, 5448.0, 5538.0, 5553.0, 5499.0, 5414.0, 5319.0, 5469.0, 5359.0, 5531.0, 5604.0, 5564.0, 5284.0, 5517.0, 5369.0, 5516.0, 5557.0, 5360.0, 5367.0, 5478.0, 5606.0 (number of hits: 6)

15	5500	9	1	333	1	5484.0, 5342.0, 5660.0, 5490.0, 5501.0, 5638.0, 5524.0, 5371.0, 5544.0, 5505.0, 5559.0, 5337.0, 5333.0, 5265.0, 5393.0, 5554.0, 5650.0, 5606.0, 5548.0, 5712.0, 5364.0, 5307.0, 5359.0, 5513.0, 5479.0, 5453.0, 5462.0, 5645.0, 5719.0, 5571.0, 5321.0, 5494.0, 5614.0, 5492.0, 5477.0, 5695.0, 5510.0, 5715.0, 5500.0, 5540.0, 5363.0, 5430.0, 5275.0, 5281.0, 5429.0, 5512.0, 5368.0, 5271.0, 5255.0, 5516.0, 5587.0, 5424.0, 5451.0, 5713.0, 5480.0, 5708.0, 5344.0, 5473.0, 5697.0, 5298.0, 5438.0, 5323.0, 5558.0, 5444.0, 5315.0, 5401.0, 5397.0, 5354.0, 5263.0, 5643.0, 5652.0, 5564.0, 5556.0, 5676.0, 5649.0, 5311.0, 5289.0, 5320.0, 5604.0, 5496.0, 5449.0, 5256.0, 5487.0, 5550.0, 5690.0, 5723.0, 5345.0, 5656.0, 5465.0, 5404.0, 5575.0, 5456.0, 5463.0, 5519.0, 5603.0, 5696.0, 5346.0, 5543.0, 5312.0, 5646.0 (number of hits: 6)
16	5500	9	1	333	1	5465.0, 5503.0, 5535.0, 5378.0, 5305.0, 5334.0, 5520.0, 5600.0, 5631.0, 5421.0, 5493.0, 5433.0, 5382.0, 5333.0, 5342.0, 5564.0, 5289.0, 5568.0, 5267.0, 5557.0, 5319.0, 5438.0, 5500.0, 5553.0, 5514.0, 5597.0, 5429.0, 5301.0, 5647.0, 5367.0, 5682.0, 5591.0, 5530.0, 5443.0, 5484.0, 5669.0, 5415.0, 5389.0, 5526.0, 5664.0, 5544.0, 5692.0, 5586.0, 5704.0, 5617.0, 5372.0, 5653.0, 5482.0, 5641.0, 5686.0, 5683.0, 5492.0, 5435.0, 5323.0, 5710.0, 5424.0, 5279.0, 5587.0, 5396.0, 5400.0, 5538.0, 5595.0, 5360.0, 5676.0, 5516.0, 5288.0, 5340.0, 5406.0, 5304.0, 5627.0, 5552.0, 5581.0, 5299.0, 5694.0, 5264.0, 5441.0, 5718.0, 5639.0, 5407.0, 5555.0, 5532.0, 5268.0, 5418.0, 5467.0, 5315.0, 5536.0, 5450.0, 5689.0, 5449.0, 5343.0, 5659.0, 5626.0, 5521.0, 5280.0, 5561.0, 5628.0, 5630.0, 5663.0, 5314.0, 5566.0 (number of hits: 4)
17	5500	9	1	333	1	5576.0, 5435.0, 5449.0, 5711.0, 5403.0, 5675.0, 5616.0, 5434.0, 5717.0, 5425.0, 5706.0, 5464.0, 5368.0, 5662.0, 5462.0, 5536.0, 5363.0, 5664.0, 5562.0, 5612.0, 5405.0, 5474.0, 5439.0, 5723.0, 5347.0, 5604.0, 5283.0, 5259.0, 5710.0, 5353.0, 5333.0, 5282.0, 5319.0, 5537.0, 5381.0, 5643.0, 5525.0, 5428.0, 5314.0, 5693.0, 5420.0, 5376.0, 5296.0, 5279.0, 5402.0, 5287.0, 5322.0, 5714.0, 5321.0, 5304.0, 5569.0, 5630.0, 5493.0, 5430.0, 5429.0, 5427.0, 5451.0, 5349.0, 5708.0, 5529.0, 5676.0, 5419.0, 5338.0, 5272.0, 5313.0, 5377.0, 5290.0, 5502.0, 5373.0, 5551.0, 5652.0, 5522.0, 5281.0, 5628.0, 5399.0, 5465.0, 5331.0, 5441.0, 5636.0, 5257.0, 5540.0, 5266.0, 5541.0, 5564.0, 5332.0, 5504.0, 5330.0, 5531.0, 5722.0, 5621.0,

						5269.0, 5476.0, 5305.0, 5527.0, 5680.0, 5466.0, 5286.0, 5590.0, 5280.0, 5284.0 (number of hits: 3)
18	5500	9	1	333	1	5478.0, 5600.0, 5664.0, 5597.0, 5346.0, 5459.0, 5636.0, 5655.0, 5470.0, 5315.0, 5344.0, 5696.0, 5291.0, 5314.0, 5258.0, 5647.0, 5484.0, 5371.0, 5672.0, 5343.0, 5275.0, 5340.0, 5307.0, 5426.0, 5364.0, 5687.0, 5488.0, 5533.0, 5323.0, 5539.0, 5623.0, 5337.0, 5254.0, 5657.0, 5328.0, 5598.0, 5477.0, 5709.0, 5715.0, 5665.0, 5512.0, 5427.0, 5509.0, 5438.0, 5710.0, 5559.0, 5268.0, 5404.0, 5277.0, 5712.0, 5626.0, 5619.0, 5362.0, 5449.0, 5620.0, 5519.0, 5279.0, 5530.0, 5714.0, 5372.0, 5264.0, 5499.0, 5609.0, 5373.0, 5316.0, 5408.0, 5402.0, 5719.0, 5331.0, 5472.0, 5446.0, 5403.0, 5670.0, 5513.0, 5538.0, 5271.0, 5311.0, 5490.0, 5390.0, 5639.0, 5392.0, 5378.0, 5321.0, 5342.0, 5265.0, 5369.0, 5474.0, 5358.0, 5652.0, 5354.0, 5520.0, 5573.0, 5285.0, 5252.0, 5625.0, 5428.0, 5561.0, 5297.0, 5535.0, 5476.0 (number of hits: 1)
19	5500	9	1	333	1	5325.0, 5668.0, 5631.0, 5328.0, 5516.0, 5603.0, 5557.0, 5441.0, 5608.0, 5572.0, 5336.0, 5583.0, 5550.0, 5508.0, 5600.0, 5566.0, 5697.0, 5386.0, 5646.0, 5404.0, 5359.0, 5327.0, 5505.0, 5459.0, 5547.0, 5513.0, 5642.0, 5654.0, 5265.0, 5476.0, 5587.0, 5442.0, 5413.0, 5624.0, 5692.0, 5403.0, 5422.0, 5309.0, 5400.0, 5634.0, 5683.0, 5337.0, 5471.0, 5592.0, 5488.0, 5254.0, 5640.0, 5360.0, 5539.0, 5524.0, 5423.0, 5472.0, 5377.0, 5343.0, 5650.0, 5432.0, 5691.0, 5289.0, 5330.0, 5428.0, 5596.0, 5458.0, 5470.0, 5711.0, 5660.0, 5448.0, 5387.0, 5450.0, 5322.0, 5444.0, 5262.0, 5388.0, 5334.0, 5475.0, 5658.0, 5333.0, 5376.0, 5593.0, 5637.0, 5431.0, 5284.0, 5687.0, 5537.0, 5497.0, 5277.0, 5518.0, 5598.0, 5630.0, 5465.0, 5641.0, 5626.0, 5578.0, 5363.0, 5453.0, 5649.0, 5380.0, 5635.0, 5462.0, 5361.0, 5706.0 (number of hits: 3)
20	5500	9	1	333	1	5652.0, 5541.0, 5405.0, 5373.0, 5351.0, 5716.0, 5696.0, 5719.0, 5562.0, 5346.0, 5269.0, 5406.0, 5606.0, 5344.0, 5487.0, 5665.0, 5516.0, 5640.0, 5339.0, 5688.0, 5579.0, 5303.0, 5297.0, 5327.0, 5568.0, 5590.0, 5266.0, 5272.0, 5301.0, 5291.0, 5264.0, 5519.0, 5708.0, 5449.0, 5662.0, 5380.0, 5496.0, 5594.0, 5486.0, 5338.0, 5430.0, 5706.0, 5642.0, 5388.0, 5292.0, 5365.0, 5707.0, 5721.0, 5452.0, 5364.0, 5478.0, 5549.0, 5534.0, 5467.0, 5529.0, 5685.0, 5586.0, 5533.0, 5411.0, 5543.0, 5322.0, 5392.0, 5274.0, 5591.0, 5670.0, 5387.0, 5375.0, 5693.0, 5705.0, 5561.0, 5383.0, 5575.0, 5385.0, 5566.0, 5277.0,

						5345.0, 5283.0, 5415.0, 5281.0, 5432.0, 5514.0, 5643.0, 5552.0, 5305.0, 5500.0, 5523.0, 5694.0, 5702.0, 5253.0, 5284.0, 5713.0, 5441.0, 5695.0, 5363.0, 5627.0, 5468.0, 5323.0, 5653.0, 5261.0, 5559.0 (number of hits: 2)
21	5500	9	1	333	1	5401.0, 5307.0, 5397.0, 5541.0, 5403.0, 5705.0, 5429.0, 5682.0, 5272.0, 5702.0, 5350.0, 5282.0, 5706.0, 5677.0, 5426.0, 5323.0, 5265.0, 5535.0, 5255.0, 5700.0, 5391.0, 5679.0, 5453.0, 5486.0, 5608.0, 5414.0, 5345.0, 5468.0, 5298.0, 5383.0, 5569.0, 5492.0, 5296.0, 5681.0, 5485.0, 5317.0, 5543.0, 5537.0, 5515.0, 5616.0, 5493.0, 5626.0, 5714.0, 5466.0, 5504.0, 5723.0, 5709.0, 5489.0, 5518.0, 5630.0, 5550.0, 5367.0, 5457.0, 5353.0, 5659.0, 5669.0, 5632.0, 5393.0, 5289.0, 5360.0, 5454.0, 5369.0, 5671.0, 5355.0, 5703.0, 5463.0, 5660.0, 5351.0, 5586.0, 5464.0, 5559.0, 5613.0, 5396.0, 5529.0, 5621.0, 5627.0, 5530.0, 5318.0, 5370.0, 5280.0, 5488.0, 5322.0, 5407.0, 5557.0, 5571.0, 5615.0, 5321.0, 5696.0, 5433.0, 5328.0, 5716.0, 5473.0, 5547.0, 5590.0, 5562.0, 5511.0, 5539.0, 5656.0, 5400.0, 5392.0 (number of hits: 3)
22	5500	9	1	333	1	5605.0, 5647.0, 5434.0, 5313.0, 5346.0, 5696.0, 5655.0, 5261.0, 5673.0, 5660.0, 5314.0, 5268.0, 5616.0, 5298.0, 5611.0, 5457.0, 5408.0, 5606.0, 5379.0, 5642.0, 5284.0, 5667.0, 5479.0, 5258.0, 5285.0, 5693.0, 5608.0, 5523.0, 5709.0, 5632.0, 5560.0, 5334.0, 5343.0, 5531.0, 5375.0, 5710.0, 5366.0, 5327.0, 5682.0, 5500.0, 5579.0, 5529.0, 5428.0, 5504.0, 5580.0, 5674.0, 5446.0, 5336.0, 5705.0, 5724.0, 5429.0, 5585.0, 5505.0, 5566.0, 5374.0, 5645.0, 5668.0, 5252.0, 5399.0, 5581.0, 5590.0, 5288.0, 5619.0, 5607.0, 5680.0, 5617.0, 5706.0, 5630.0, 5558.0, 5547.0, 5620.0, 5296.0, 5567.0, 5459.0, 5659.0, 5485.0, 5370.0, 5349.0, 5695.0, 5671.0, 5496.0, 5469.0, 5278.0, 5267.0, 5317.0, 5598.0, 5578.0, 5460.0, 5575.0, 5625.0, 5350.0, 5403.0, 5537.0, 5530.0, 5503.0, 5572.0, 5398.0, 5438.0, 5603.0, 5618.0 (number of hits: 5)
23	5500	9	1	333	1	5613.0, 5478.0, 5523.0, 5697.0, 5603.0, 5694.0, 5291.0, 5689.0, 5359.0, 5255.0, 5558.0, 5398.0, 5305.0, 5696.0, 5674.0, 5605.0, 5448.0, 5484.0, 5577.0, 5540.0, 5252.0, 5516.0, 5544.0, 5688.0, 5351.0, 5650.0, 5411.0, 5452.0, 5435.0, 5673.0, 5645.0, 5589.0, 5714.0, 5326.0, 5578.0, 5670.0, 5454.0, 5312.0, 5439.0, 5677.0, 5502.0, 5410.0, 5489.0, 5297.0, 5575.0, 5529.0, 5373.0, 5456.0, 5525.0, 5375.0, 5539.0, 5469.0, 5366.0, 5480.0, 5501.0, 5269.0, 5388.0, 5431.0, 5657.0, 5308.0,

						5449.0, 5436.0, 5309.0, 5481.0, 5597.0, 5508.0, 5384.0, 5715.0, 5400.0, 5553.0, 5405.0, 5531.0, 5281.0, 5526.0, 5617.0, 5672.0, 5522.0, 5559.0, 5703.0, 5660.0, 5701.0, 5387.0, 5391.0, 5499.0, 5458.0, 5690.0, 5646.0, 5513.0, 5370.0, 5676.0, 5580.0, 5511.0, 5414.0, 5347.0, 5422.0, 5413.0, 5570.0, 5377.0, 5324.0, 5307.0 (number of hits: 4)
24	5500	9	1	333	1	5403.0, 5371.0, 5447.0, 5470.0, 5398.0, 5461.0, 5669.0, 5636.0, 5255.0, 5643.0, 5694.0, 5485.0, 5251.0, 5499.0, 5372.0, 5391.0, 5537.0, 5273.0, 5555.0, 5492.0, 5253.0, 5352.0, 5596.0, 5699.0, 5594.0, 5333.0, 5305.0, 5542.0, 5546.0, 5651.0, 5656.0, 5418.0, 5261.0, 5328.0, 5304.0, 5573.0, 5585.0, 5319.0, 5287.0, 5314.0, 5289.0, 5458.0, 5701.0, 5276.0, 5628.0, 5722.0, 5444.0, 5576.0, 5709.0, 5381.0, 5297.0, 5502.0, 5279.0, 5423.0, 5277.0, 5645.0, 5467.0, 5658.0, 5622.0, 5313.0, 5278.0, 5361.0, 5482.0, 5365.0, 5554.0, 5299.0, 5336.0, 5440.0, 5516.0, 5473.0, 5357.0, 5370.0, 5670.0, 5535.0, 5421.0, 5358.0, 5270.0, 5474.0, 5660.0, 5363.0, 5518.0, 5408.0, 5705.0, 5404.0, 5719.0, 5638.0, 5641.0, 5489.0, 5563.0, 5454.0, 5560.0, 5355.0, 5624.0, 5266.0, 5394.0, 5453.0, 5493.0, 5572.0, 5501.0, 5524.0 (number of hits: 5)
25	5500	9	1	333	1	5415.0, 5510.0, 5700.0, 5366.0, 5437.0, 5611.0, 5527.0, 5261.0, 5293.0, 5643.0, 5672.0, 5644.0, 5559.0, 5548.0, 5416.0, 5322.0, 5284.0, 5483.0, 5481.0, 5424.0, 5555.0, 5565.0, 5678.0, 5645.0, 5257.0, 5504.0, 5712.0, 5606.0, 5431.0, 5514.0, 5690.0, 5263.0, 5405.0, 5709.0, 5304.0, 5453.0, 5560.0, 5336.0, 5631.0, 5493.0, 5417.0, 5620.0, 5266.0, 5608.0, 5275.0, 5456.0, 5485.0, 5571.0, 5508.0, 5639.0, 5593.0, 5354.0, 5587.0, 5667.0, 5428.0, 5452.0, 5341.0, 5719.0, 5612.0, 5430.0, 5439.0, 5455.0, 5489.0, 5408.0, 5444.0, 5407.0, 5717.0, 5623.0, 5585.0, 5655.0, 5702.0, 5613.0, 5653.0, 5334.0, 5647.0, 5720.0, 5380.0, 5701.0, 5512.0, 5307.0, 5265.0, 5666.0, 5294.0, 5579.0, 5543.0, 5454.0, 5414.0, 5570.0, 5435.0, 5479.0, 5677.0, 5549.0, 5668.0, 5704.0, 5595.0, 5503.0, 5598.0, 5566.0, 5696.0, 5568.0 (number of hits: 4)
26	5500	9	1	333	1	5493.0, 5612.0, 5691.0, 5614.0, 5342.0, 5633.0, 5592.0, 5289.0, 5261.0, 5607.0, 5383.0, 5711.0, 5384.0, 5543.0, 5706.0, 5434.0, 5402.0, 5343.0, 5674.0, 5452.0, 5547.0, 5722.0, 5682.0, 5599.0, 5256.0, 5469.0, 5439.0, 5326.0, 5693.0, 5319.0, 5498.0, 5476.0, 5486.0, 5675.0, 5422.0, 5423.0, 5688.0, 5704.0, 5333.0, 5604.0, 5606.0, 5480.0, 5320.0, 5594.0, 5276.0,

						5532.0, 5271.0, 5330.0, 5328.0, 5363.0, 5282.0, 5316.0, 5403.0, 5364.0, 5508.0, 5526.0, 5689.0, 5563.0, 5450.0, 5690.0, 5651.0, 5559.0, 5644.0, 5388.0, 5318.0, 5701.0, 5461.0, 5702.0, 5478.0, 5554.0, 5568.0, 5409.0, 5262.0, 5521.0, 5263.0, 5636.0, 5490.0, 5348.0, 5485.0, 5393.0, 5575.0, 5275.0, 5516.0, 5420.0, 5304.0, 5524.0, 5571.0, 5373.0, 5623.0, 5550.0, 5541.0, 5669.0, 5570.0, 5520.0, 5277.0, 5456.0, 5411.0, 5597.0, 5315.0, 5640.0 (number of hits: 3)
27	5500	9	1	333	1	5713.0, 5449.0, 5525.0, 5419.0, 5462.0, 5378.0, 5605.0, 5306.0, 5408.0, 5601.0, 5574.0, 5685.0, 5344.0, 5352.0, 5681.0, 5583.0, 5721.0, 5593.0, 5443.0, 5434.0, 5334.0, 5531.0, 5387.0, 5473.0, 5471.0, 5588.0, 5348.0, 5519.0, 5395.0, 5455.0, 5502.0, 5655.0, 5282.0, 5391.0, 5714.0, 5533.0, 5590.0, 5357.0, 5509.0, 5323.0, 5260.0, 5486.0, 5616.0, 5505.0, 5543.0, 5620.0, 5372.0, 5694.0, 5609.0, 5258.0, 5686.0, 5454.0, 5421.0, 5512.0, 5516.0, 5683.0, 5611.0, 5597.0, 5566.0, 5651.0, 5670.0, 5665.0, 5501.0, 5553.0, 5636.0, 5644.0, 5619.0, 5547.0, 5506.0, 5646.0, 5393.0, 5430.0, 5315.0, 5369.0, 5676.0, 5331.0, 5426.0, 5581.0, 5538.0, 5592.0, 5354.0, 5335.0, 5389.0, 5608.0, 5575.0, 5412.0, 5674.0, 5672.0, 5305.0, 5360.0, 5425.0, 5491.0, 5484.0, 5292.0, 5522.0, 5283.0, 5591.0, 5257.0, 5266.0, 5420.0 (number of hits: 5)
28	5500	9	1	333	1	5649.0, 5285.0, 5492.0, 5711.0, 5465.0, 5347.0, 5346.0, 5682.0, 5488.0, 5517.0, 5396.0, 5568.0, 5427.0, 5593.0, 5656.0, 5575.0, 5498.0, 5521.0, 5570.0, 5320.0, 5696.0, 5449.0, 5324.0, 5530.0, 5421.0, 5293.0, 5715.0, 5718.0, 5698.0, 5580.0, 5487.0, 5419.0, 5340.0, 5490.0, 5281.0, 5273.0, 5287.0, 5345.0, 5329.0, 5325.0, 5532.0, 5292.0, 5408.0, 5377.0, 5583.0, 5709.0, 5597.0, 5610.0, 5289.0, 5388.0, 5392.0, 5592.0, 5509.0, 5546.0, 5602.0, 5624.0, 5284.0, 5344.0, 5504.0, 5371.0, 5701.0, 5491.0, 5609.0, 5467.0, 5306.0, 5383.0, 5360.0, 5257.0, 5254.0, 5659.0, 5352.0, 5351.0, 5432.0, 5717.0, 5296.0, 5440.0, 5535.0, 5300.0, 5356.0, 5630.0, 5564.0, 5705.0, 5628.0, 5323.0, 5288.0, 5319.0, 5557.0, 5697.0, 5394.0, 5318.0, 5611.0, 5330.0, 5321.0, 5565.0, 5407.0, 5657.0, 5676.0, 5444.0, 5647.0, 5272.0 (number of hits: 4)
29	5500	9	1	333	1	5258.0, 5257.0, 5369.0, 5518.0, 5592.0, 5648.0, 5330.0, 5303.0, 5644.0, 5318.0, 5412.0, 5688.0, 5637.0, 5379.0, 5307.0, 5557.0, 5679.0, 5672.0, 5535.0, 5686.0, 5295.0, 5700.0, 5269.0, 5615.0, 5604.0, 5588.0, 5449.0, 5490.0, 5370.0, 5587.0,

						5662.0, 5513.0, 5301.0, 5353.0, 5365.0, 5461.0, 5253.0, 5712.0, 5426.0, 5363.0, 5591.0, 5407.0, 5388.0, 5292.0, 5628.0, 5642.0, 5455.0, 5623.0, 5594.0, 5551.0, 5558.0, 5527.0, 5351.0, 5560.0, 5719.0, 5344.0, 5549.0, 5392.0, 5252.0, 5529.0, 5493.0, 5374.0, 5277.0, 5579.0, 5682.0, 5310.0, 5311.0, 5261.0, 5631.0, 5526.0, 5599.0, 5687.0, 5480.0, 5653.0, 5611.0, 5342.0, 5289.0, 5656.0, 5616.0, 5285.0, 5632.0, 5459.0, 5343.0, 5302.0, 5618.0, 5701.0, 5481.0, 5606.0, 5677.0, 5492.0, 5478.0, 5598.0, 5548.0, 5580.0, 5283.0, 5406.0, 5629.0, 5423.0, 5422.0, 5448.0 (number of hits: 2)
30	5500	9	1	333	1	5390.0, 5295.0, 5435.0, 5653.0, 5351.0, 5259.0, 5605.0, 5503.0, 5531.0, 5714.0, 5273.0, 5661.0, 5324.0, 5355.0, 5572.0, 5482.0, 5666.0, 5428.0, 5455.0, 5450.0, 5622.0, 5291.0, 5505.0, 5644.0, 5722.0, 5699.0, 5398.0, 5563.0, 5366.0, 5718.0, 5501.0, 5439.0, 5272.0, 5444.0, 5568.0, 5556.0, 5258.0, 5676.0, 5460.0, 5713.0, 5566.0, 5555.0, 5486.0, 5452.0, 5443.0, 5333.0, 5560.0, 5506.0, 5519.0, 5488.0, 5346.0, 5299.0, 5541.0, 5689.0, 5338.0, 5686.0, 5474.0, 5432.0, 5588.0, 5595.0, 5581.0, 5694.0, 5643.0, 5636.0, 5618.0, 5530.0, 5670.0, 5511.0, 5476.0, 5701.0, 5550.0, 5641.0, 5652.0, 5648.0, 5289.0, 5638.0, 5564.0, 5457.0, 5301.0, 5334.0, 5284.0, 5253.0, 5371.0, 5709.0, 5479.0, 5404.0, 5335.0, 5270.0, 5662.0, 5254.0, 5377.0, 5370.0, 5426.0, 5518.0, 5589.0, 5545.0, 5468.0, 5631.0, 5517.0, 5536.0 (number of hits: 4)

5510 MHz, 40 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	96.7 %	60%	Pass
Type 3	30	96.7 %	60%	Pass
Type 4	30	100 %	60%	Pass
Aggregate (Type1 to 4)	120	98.3 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5510	59	1	898	1
2	5510	61	1	878	1
3	5510	57	1	938	1
4	5510	102	1	518	1
5	5510	92	1	578	1
6	5491.5	68	1	778	1
7	5491.5	78	1	678	1
8	5491.5	86	1	618	1
9	5491.5	70	1	758	1
10	5491.5	99	1	538	1
11	5528.5	67	1	798	1
12	5528.5	72	1	738	1
13	5528.5	74	1	718	1
14	5528.5	58	1	918	1
15	5528.5	63	1	838	1
16	5510	45	1	1192	1
17	5510	27	1	2007	1
18	5510	26	1	2049	1
19	5510	40	1	1331	1
20	5510	21	1	2638	1
21	5491.5	25	1	2150	1
22	5491.5	23	1	2320	1
23	5491.5	47	1	1131	1
24	5491.5	27	1	1963	1
25	5491.5	36	1	1482	1
26	5528.5	68	1	784	1
27	5528.5	72	1	736	1
28	5528.5	22	1	2504	1
29	5528.5	22	1	2423	1
30	5528.5	19	1	2831	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	23	3.9	181	1
2	5491.5	29	3.6	163	1
3	5491.5	29	3	185	1
4	5491.5	27	4.1	153	1
5	5491.5	27	3.2	154	1
6	5491.5	24	4.9	210	1
7	5491.5	24	3.3	199	1
8	5491.5	29	2.5	164	1
9	5491.5	29	4.3	181	1
10	5491.5	24	3.9	189	1
11	5510	24	2	192	1
12	5510	26	3.8	155	1
13	5510	26	2.4	228	1
14	5510	27	3.1	203	1
15	5510	26	1.8	219	1
16	5510	24	1.2	204	1
17	5510	28	4.6	217	1
18	5510	25	4.9	155	1
19	5510	23	2.1	172	1
20	5510	25	4.1	155	1
21	5528.5	27	3.5	221	1
22	5528.5	28	2.7	192	1
23	5528.5	26	4.5	161	1
24	5528.5	28	2.9	198	1
25	5528.5	24	1.5	187	1
26	5528.5	25	3.2	222	0
27	5528.5	24	3.3	190	1
28	5528.5	25	2.3	188	1
29	5528.5	29	4	182	1
30	5528.5	24	4.2	187	1
Detection Percentage: 96.7 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	18	7.6	282	1
2	5491.5	16	9.6	228	1
3	5491.5	16	6	447	1
4	5491.5	18	7.6	336	1
5	5491.5	17	6.8	466	1
6	5491.5	17	6.6	346	1
7	5491.5	16	7.6	278	1
8	5491.5	18	7.3	216	1
9	5491.5	17	8.2	204	1
10	5491.5	18	7	277	1
11	5510	18	6.9	415	1
12	5510	18	9.7	228	1
13	5510	17	8.5	319	1
14	5510	16	9.7	489	1
15	5510	16	9.7	345	1
16	5510	16	7.9	454	1
17	5510	17	7.7	388	1
18	5510	18	6.9	403	1
19	5510	18	6.3	303	1
20	5510	17	7.9	422	1
21	5528.5	18	7.2	434	1
22	5528.5	18	7.5	282	1
23	5528.5	18	8.1	364	1
24	5528.5	17	6.5	213	1
25	5528.5	16	7.5	342	1
26	5528.5	17	8.5	322	1
27	5528.5	16	7.9	373	0
28	5528.5	17	8	283	1
29	5528.5	18	8.1	367	1
30	5528.5	18	6.4	351	1
Detection Percentage: 96.7 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5491.5	14	13.6	460	1
2	5491.5	16	16.7	201	1
3	5491.5	14	18.8	360	1
4	5491.5	15	11.6	455	1
5	5491.5	12	11.4	315	1
6	5491.5	12	15.7	390	1
7	5491.5	15	19.1	309	1
8	5491.5	16	16.8	448	1
9	5491.5	12	16.1	313	1
10	5491.5	13	12.7	345	1
11	5510	15	16.5	492	1
12	5510	14	18.5	416	1
13	5510	16	17.8	388	1
14	5510	13	14.2	240	1
15	5510	14	18.4	394	1
16	5510	12	14.4	445	1
17	5510	14	15.1	467	1
18	5510	14	18.2	346	1
19	5510	14	18.7	348	1
20	5510	14	13.8	264	1
21	5528.5	16	13.5	296	1
22	5528.5	15	17.9	467	1
23	5528.5	15	16.9	210	1
24	5528.5	14	16.1	425	1
25	5528.5	14	16.9	358	1
26	5528.5	12	16.7	487	1
27	5528.5	16	19.9	418	1
28	5528.5	13	12.5	208	1
29	5528.5	16	18.3	279	1
30	5528.5	12	16.6	319	1
Detection Percentage: 100 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5510	1
2	5510	1
3	5510	1
4	5510	1
5	5510	1
6	5510	1
7	5510	1
8	5510	1
9	5510	1
10	5510	1
11	5497.9	1
12	5496.7	1
13	5494.3	1
14	5497.5	1
15	5497.5	1
16	5497.1	1
17	5494.7	1
18	5498.7	1
19	5496.3	1
20	5498.7	1
21	5525.3	1
22	5526.5	1
23	5526.1	1
24	5522.1	1
25	5525.7	1
26	5520.9	1
27	5521.3	1
28	5524.1	1
29	5520.9	1
30	5526.5	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	86.1	1350		0.07344	1
1	1	14	96.9			1.235785	
2	1	14	56.6			1.668044	
3	2	14	98.7	1671		2.206992	
4	1	14	65.2			2.769107	
5	1	14	91.3			3.557636	
6	3	14	60	1017	1963	4.326094	
7	2	14	51.8	1368		4.754841	
8	1	14	72.4			5.542064	
9	2	14	51.2	1373		6.526897	
10	2	14	67.3	1624		7.291721	
11	1	14	94.5			7.341024	
12	3	14	62.5	1109	1154	8.186271	
13	2	14	96.1	1393		9.020387	
14	1	14	67			9.588346	
15	2	14	71.3	1593		10.033813	
16	2	14	93.1	1278		10.979882	
17	1	14	81.9			11.57384	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	9	64.4	1676	1658	0.473966	
1	2	9	94.6	1282		0.7161	
2	2	9	78.6	1441		1.878196	
3	2	9	50.2	1991		2.367094	
4	2	9	71	1866		2.950036	
5	2	9	70	1248		3.163278	
6	2	9	73	1120		4.171266	
7	1	9	84.4			4.721258	
8	1	9	73.6			5.413689	
9	1	9	96.9			6.078932	1
10	3	9	71.9	1673	1146	6.938105	
11	2	9	54.2	1150		7.534339	
12	2	9	69.2	1187		7.613678	
13	1	9	79			8.831982	
14	1	9	59.2			9.379625	
15	2	9	65.9	1672		9.747856	
16	3	9	91.3	1537	1961	10.305813	
17	2	9	79.4	1278		11.185705	
18	2	9	83	1522		11.797537	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	67.5			0.577237	1
1	3	6	57.4	1937	1805	1.428539	
2	1	6	68.2			1.915934	
3	2	6	50.6	1571		2.776898	
4	2	6	54.7	1110		3.251525	
5	3	6	52.7	1028	1749	4.380096	
6	2	6	57.2	1250		4.714329	
7	2	6	76.2	1072		5.966525	
8	3	6	67	1603	1376	6.416741	
9	2	6	72	1924		6.966221	
10	1	6	90.6			8.124558	
11	2	6	62.5	1382		8.616259	
12	1	6	76.5			9.377727	
13	2	6	53.7	1189		10.046394	
14	1	6	77.1			10.979005	
15	3	6	81.8	1732	1798	11.285555	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	95.1	1448		0.547638	1
1	2	7	52.2	1509		1.173262	
2	2	7	73.2	1343		1.760874	
3	2	7	79	1766		2.542191	
4	2	7	84.3	1477		3.121181	
5	2	7	67	1396		3.704195	
6	1	7	51.4			4.531609	
7	2	7	92.5	1092		5.607126	
8	1	7	72.1			6.114859	
9	3	7	74.9	1893	1705	6.360539	
10	1	7	86.8			7.172651	
11	2	7	66.6	1191		7.985814	
12	2	7	92.8	1796		9.109033	
13	2	7	78.6	1167		9.780938	
14	3	7	88.6	1355	1130	10.557904	
15	2	7	62.1	1785		11.165618	
16	2	7	94.8	1213		11.620949	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	88.1	1905		0.283158	
1	2	7	56.8	1074		1.190305	
2	1	7	59.5			1.896875	
3	1	7	90.4			2.528137	
4	3	7	55.5	1047	1544	3.262542	
5	1	7	85.1			4.022926	
6	3	7	53.3	1359	1707	4.800795	
7	3	7	51.5	1907	1490	5.03583	
8	1	7	88.8			6.170499	1
9	3	7	95	1641	1229	6.937697	
10	3	7	85.2	1454	1298	7.365423	
11	2	7	62.2	1826		8.017306	
12	3	7	96.7	1606	1466	8.979407	
13	3	7	59.4	1041	1594	9.691246	
14	1	7	63.2			10.444371	
15	2	7	64.6	1954		10.946712	
16	2	7	94.8	1213		11.620949	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	51	1914		0.442512	1
1	1	12	77.1			1.082085	
2	2	12	82.7	1015		1.951301	
3	2	12	52.1	1862		2.314479	
4	2	12	64	1574		2.842038	
5	3	12	89.8	1946	1030	3.862129	
6	2	12	82.4	1699		4.557792	
7	1	12	58.8			5.184342	
8	2	12	76.8	1676		5.922053	
9	2	12	95.9	1651		6.23862	
10	2	12	68.7	1881		7.219602	
11	3	12	56.5	1543	1662	7.821546	
12	3	12	75.2	1198	1841	8.346905	
13	3	12	61.7	1460	1420	8.920846	
14	3	12	70.4	1724	1077	9.71236	
15	2	12	90.7	1320		10.387178	
16	1	12	50.8			11.052511	
17	2	12	98.9	1531		11.784228	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	55	1130		0.675545	1
1	2	6	93.2	1415		1.306227	
2	1	6	86.9			2.019078	
3	3	6	70.9	1128	1464	2.184962	
4	1	6	67.5			2.999037	
5	3	6	89	1536	1338	3.622772	
6	3	6	76.7	1918	1119	4.821539	
7	2	6	72.6	1095		5.565654	
8	3	6	86.7	1794	1725	6.156755	
9	2	6	53.3	1984		6.664951	
10	3	6	97.5	1168	1786	7.174002	
11	3	6	85.6	1527	1175	7.948094	
12	2	6	82.8	1584		9.146662	
13	1	6	75.2			9.372217	
14	2	6	94.6	1698		9.964624	
15	2	6	77.6	1404		11.174476	
16	1	6	94.1			11.36556	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	95.6	1610	1660	1.313862	1
1	2	10	70.6	1438		1.971353	
2	3	10	60.8	1526	1462	3.190109	
3	3	10	88.3	1389	1946	5.270297	
4	2	10	78.9	1212		6.516703	
5	2	10	96.6	1054		7.533122	
6	2	10	98.3	1339		8.914051	
7	3	10	85.7	1332	1421	9.426031	
8	3	10	93.7	1230	1599	11.079795	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	11	85.6	1852	1266	0.135216	1
1	3	11	75.5	1460	1073	1.731429	
2	2	11	89.1	1262		3.309016	
3	1	11	54.7			4.326951	
4	2	11	53.2	1643		5.819137	
5	2	11	70.1	1662		7.656107	
6	3	11	87.2	1907	1240	9.060118	
7	3	11	60.9	1978	1455	10.609972	
8	2	11	64.1	1959		10.843509	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	81			0.738894	1
1	2	14	60	1826		1.306273	
2	1	14	86.5			2.412938	
3	2	14	62.7	1691		2.910415	
4	1	14	53.2			4.197015	
5	1	14	59.1			5.009534	
6	2	14	93.3	1051		5.500725	
7	2	14	73.1	1117		6.12701	
8	2	14	98	1782		7.231887	
9	3	14	90.8	1140	1368	8.432635	
10	3	14	84.6	1530	1464	8.788406	
11	3	14	55.3	1693	1133	9.529236	
12	2	14	77.9	1662		10.317805	
13	1	14	97.1			11.444702	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	91.3	1731		0.265021	1
1	2	16	76	1547		1.416433	
2	3	16	66.6	1605	1253	1.829712	
3	2	16	86	1624		3.147857	
4	1	16	51.7			3.979828	
5	3	16	71.4	1250	1508	4.362047	
6	3	16	52.5	1833	1245	5.469485	
7	1	16	97			6.018587	
8	1	16	89.2			6.913546	
9	2	16	75.9	1059		8.266605	
10	1	16	91.1			8.88075	
11	3	16	68	1565	1281	10.108589	
12	2	16	94.9	1670		10.774451	
13	2	16	87.1	1593		11.701315	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	60.7			0.115196	1
1	1	13	62.2			1.901025	
2	3	13	62.4	1764	1655	2.810879	
3	3	13	59.1	1353	1011	4.573945	
4	2	13	62.1	1817		5.187878	
5	2	13	91.8	1266		6.367347	
6	2	13	70.5	1751		8.279726	
7	3	13	90.2	1813	1643	9.452206	
8	1	13	57.4			10.308115	
9	2	13	90.8	1172		11.489491	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	98	1698	1543	0.707163	1
1	2	7	97.5	1580		1.163573	
2	2	7	79.3	1339		2.019262	
3	2	7	70.6	1716		3.186065	
4	2	7	57.9	1816		4.172089	
5	2	7	58.7	1892		4.706415	
6	2	7	98.6	1894		5.816663	
7	2	7	82.4	1624		6.021815	
8	2	7	80.8	1846		7.240973	
9	1	7	52.6			8.294235	
10	2	7	61.4	1130		8.853572	
11	2	7	96	1352		10.108451	
12	2	7	60.3	1669		10.55766	
13	1	7	80			11.428741	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	15	96.7	1618		0.452526	1
1	2	15	72.6	1139		1.644236	
2	3	15	98.6	1810	1180	3.095022	
3	3	15	98.3	1486	1953	4.237438	
4	2	15	68.9	1491		5.85205	
5	2	15	83.5	1487		6.400809	
6	2	15	62.3	1670		7.98048	
7	1	15	53.5			8.622846	
8	3	15	58.5	1803	1574	10.644341	
9	1	15	61.5			11.107597	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	15	93.1			0.359123	1
1	3	15	79.8	1642	1527	1.051236	
2	2	15	92.8	1525		2.279064	
3	3	15	52	1002	1461	3.228149	
4	1	15	96.3			4.094068	
5	2	15	99.2	1987		4.347551	
6	2	15	84.2	1036		5.338768	
7	3	15	80.9	1954	1119	6.314906	
8	1	15	56.9			6.95895	
9	3	15	91.5	1349	1578	8.230792	
10	2	15	59.3	1081		8.633768	
11	2	15	97.6	1985		9.603813	
12	3	15	64.4	1962	1383	10.535879	
13	3	15	92.4	1884	1537	11.565637	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	90.5			0.648158	1
1	2	14	69.6	1172		1.51213	
2	3	14	69.5	1841	1054	2.284916	
3	1	14	98.2			3.055684	
4	2	14	57	1470		3.69151	
5	1	14	74.7			4.584204	
6	2	14	93.4	1343		5.24115	
7	2	14	94.5	1245		6.384096	
8	1	14	58.2			6.52658	
9	1	14	59.4			7.661152	
10	2	14	67.5	1322		8.697045	
11	1	14	79.5			9.292916	
12	1	14	84.7			9.776952	
13	3	14	55.7	1067	1303	10.51536	
14	3	14	58.4	1845	1815	11.65695	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	70.2	1044	1670	0.214134	
1	2	8	86.7	1632		1.559928	
2	2	8	86.9	1550		1.616914	
3	2	8	76.3	1991		3.126173	
4	2	8	79	1594		3.888846	
5	2	8	88.5	1399		4.060722	
6	1	8	79.2			5.566201	
7	3	8	55.6	1262	1853	6.143972	1
8	2	8	76.3	1683		6.799533	
9	2	8	61.4	1305		7.943189	
10	2	8	58.3	1016		8.6147	
11	1	8	74.6			9.400639	
12	2	8	54.6	1537		10.235682	
13	2	8	72.5	1375		10.823882	
14	2	8	86.7	1099		11.628339	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	56.5	1465		0.39803	
1	2	18	71.2	1885		1.246135	
2	2	18	63.2	1011		2.061344	
3	1	18	81.9			2.811777	
4	2	18	68.2	1588		2.988726	
5	2	18	72.6	1274		4.056289	
6	3	18	51.6	1216	1457	4.379072	
7	2	18	97.5	1959		5.481862	
8	2	18	63.2	1479		6.256292	1
9	2	18	80.4	1432		7.0198	
10	2	18	69.5	1369		7.746862	
11	2	18	59.9	1155		7.904205	
12	1	18	86.7			8.91283	
13	3	18	79.7	1526	1561	9.509398	
14	1	18	79.8			10.318897	
15	1	18	60.2			10.653607	
16	2	18	81.4	1714		11.760534	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	75.7	1537	1721	0.182361	1
1	1	12	98.3			0.971145	
2	2	12	57.7	1210		1.868452	
3	2	12	68.3	1558		3.384292	
4	3	12	90.3	1936	1744	3.835306	
5	3	12	89.6	1179	1323	5.115218	
6	2	12	92.3	1546		5.642958	
7	2	12	57.4	1275		6.422509	
8	2	12	51.3	1134		7.441391	
9	3	12	90.4	1176	1946	7.992563	
10	1	12	57.5			8.697096	
11	2	12	68.2	1404		10.169732	
12	2	12	87.3	1143		11.135477	
13	2	12	71.3	1798		11.475405	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	81.7	1109		0.739172	1
1	2	18	56.5	1378		1.87332	
2	2	18	97.3	1061		2.620148	
3	2	18	90.7	1148		4.690245	
4	2	18	62.8	1893		5.368279	
5	1	18	89.8			6.319768	
6	2	18	75.7	1274		8.245667	
7	1	18	99.7			8.504053	
8	1	18	81.6			10.627163	
9	2	18	96.1	1489		10.877596	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	81.5			0.407803	1
1	3	8	84.7	1294	1691	1.070126	
2	1	8	68			2.283679	
3	1	8	89.3			2.839523	
4	1	8	82.1			3.923433	
5	2	8	64	1879		4.326999	
6	2	8	80.3	1466		5.572398	
7	2	8	86.8	1041		5.772698	
8	3	8	84.8	1020	1081	6.616914	
9	3	8	82.4	1716	1367	7.795986	
10	2	8	91.7	1227		8.615587	
11	2	8	86.3	1745		9.21415	
12	2	8	71.3	1681		9.987307	
13	2	8	53.1	1974		10.932955	
14	2	8	67.4	1810		11.759669	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	5	96.8	1981	1376	0.455722	1
1	1	5	91.9			1.131982	
2	1	5	69.7			1.777535	
3	1	5	75.1			2.864716	
4	2	5	83.4	1103		3.495122	
5	1	5	67.4			4.246799	
6	2	5	66.8	1094		4.570412	
7	3	5	55.7	1838	1147	5.701782	
8	2	5	53.5	1001		6.606509	
9	2	5	92.3	1484		7.338464	
10	2	5	52.2	1867		7.568084	
11	2	5	60.3	1516		8.957116	
12	3	5	77.3	1279	1837	9.315953	
13	3	5	55.3	1620	1898	9.758156	
14	1	5	75.1			10.511522	
15	2	5	82.4	1544		11.973939	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	67.2			0.122406	1
1	2	6	68	1947		1.22439	
2	1	6	87.9			2.146377	
3	2	6	83.9	1811		2.977258	
4	2	6	90.5	1603		3.697666	
5	3	6	77.7	1962	1922	3.984299	
6	1	6	52.9			5.139	
7	2	6	91	1007		5.988032	
8	1	6	85.3			6.025216	
9	3	6	58.9	1070	1095	7.361478	
10	2	6	52.8	1549		7.550842	
11	2	6	93.7	1749		8.752452	
12	3	6	91.1	1582	1111	9.024348	
13	2	6	86.9	1588		10.419932	
14	2	6	84.1	1586		10.848961	
15	3	6	78.1	1174	1534	11.712186	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	16	53	1470		0.125172	1
1	2	16	66.1	1637		1.292522	
2	3	16	97.7	1973	1907	2.048223	
3	1	16	68.3			2.834872	
4	2	16	51.7	1400		3.859732	
5	1	16	77.5			4.356862	
6	2	16	97.6	1090		5.538378	
7	3	16	60.1	1153	1309	5.866965	
8	3	16	81.8	1335	1416	7.147941	
9	2	16	80.2	1276		7.485564	
10	3	16	52.8	1508	1870	8.490505	
11	2	16	87.1	1583		9.048535	
12	2	16	67.2	1891		10.330077	
13	2	16	67.7	1023		10.728586	
14	3	16	66.7	1195	1117	11.572313	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	55.1	1436		0.992279	1
1	2	7	63.8	1999		2.158402	
2	2	7	62.5	1541		3.486579	
3	3	7	95.3	1958	1382	5.965959	
4	1	7	85.3			6.382773	
5	2	7	51.7	1827		8.423251	
6	1	7	97.6			9.544256	
7	2	7	71.9	1375		10.619414	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	97.3			0.047235	1
1	2	19	71.8	1496		0.759214	
2	3	19	70.4	1132	1402	1.873601	
3	2	19	92.6	1709		2.332078	
4	2	19	72.6	1903		3.271621	
5	1	19	81.7			3.973699	
6	3	19	61.5	1967	1342	4.131118	
7	3	19	95.1	1923	1301	4.869768	
8	2	19	92.6	1382		5.334127	
9	2	19	87.5	1742		6.230687	
10	1	19	55.3			7.167526	
11	2	19	94.7	1659		7.90846	
12	1	19	54.4			8.497359	
13	2	19	89.3	1779		9.219526	
14	3	19	60	1742	1669	9.966573	
15	3	19	90.9	1531	1403	10.510631	
16	2	19	69.5	1869		10.794733	
17	1	19	99.5			11.459689	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	18	54.1	1728	1353	0.509678	1
1	2	18	76	1754		1.553216	
2	2	18	91.7	1884		2.92728	
3	3	18	68.6	1995	1485	4.605648	
4	3	18	57.5	1250	1609	5.366562	
5	3	18	61.6	1048	1353	6.796829	
6	3	18	65.5	1353	1363	7.313933	
7	2	18	71.5	1184		8.525381	
8	2	18	98.5	1450		9.932954	
9	2	18	74.4	1649		11.75675	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	51.4	1216		0.546832	1
1	1	11	79.3			2.145715	
2	1	11	76.6			2.920613	
3	2	11	61.3	1457		4.587991	
4	3	11	89.6	1744	1666	5.250515	
5	2	11	59.1	1287		6.786462	
6	3	11	97.6	1326	1891	7.297976	
7	2	11	64.4	1568		9.336133	
8	1	11	96.8			10.294753	
9	3	11	52.7	1873	1057	11.12278	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	86.8			1.045451	1
1	2	19	86.1	1111		1.779673	
2	3	19	80.4	1544	1811	3.373166	
3	1	19	85.7			3.624926	
4	2	19	56.1	1424		5.362546	
5	1	19	84.9			6.534156	
6	3	19	90.4	1688	1917	8.041319	
7	1	19	97.6			9.52883	
8	1	19	80.5			9.770284	
9	1	19	97.1			11.958806	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	97.2	1544		0.172607	1
1	1	5	88.3			1.186522	
2	2	5	93	1684		1.634103	
3	3	5	59.9	1757	1442	2.217875	
4	2	5	52	1210		2.901845	
5	1	5	74.3			3.37134	
6	2	5	93.1	1771		4.115151	
7	1	5	82			4.742053	
8	2	5	94	1927		5.431888	
9	3	5	75.4	1727	1420	6.028848	
10	1	5	94.7			6.605997	
11	1	5	88.6			6.966934	
12	1	5	90.4			8.000282	
13	1	5	53.3			8.621931	
14	2	5	65.7	1600		8.966978	
15	2	5	81.6	1025		10.05014	
16	1	5	81.9			10.603228	
17	3	5	54.2	1007	1703	11.235182	
18	2	5	61.2	1799		11.841977	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5510	9	1	333	1	5361.0, 5428.0, 5381.0, 5425.0, 5718.0, 5451.0, 5667.0, 5364.0, 5391.0, 5417.0, 5303.0, 5594.0, 5415.0, 5603.0, 5584.0, 5626.0, 5408.0, 5290.0, 5578.0, 5387.0, 5399.0, 5595.0, 5542.0, 5300.0, 5472.0, 5372.0, 5256.0, 5518.0, 5644.0, 5342.0, 5553.0, 5720.0, 5686.0, 5632.0, 5295.0, 5389.0, 5582.0, 5326.0, 5316.0, 5269.0, 5503.0, 5497.0, 5690.0, 5423.0, 5717.0, 5363.0, 5409.0, 5569.0, 5400.0, 5547.0, 5527.0, 5662.0, 5453.0, 5335.0, 5477.0, 5612.0, 5537.0, 5371.0, 5513.0, 5519.0, 5706.0, 5524.0, 5485.0, 5630.0, 5484.0, 5567.0, 5301.0, 5418.0, 5271.0, 5695.0, 5704.0, 5587.0, 5296.0, 5568.0, 5651.0, 5590.0, 5580.0, 5499.0, 5698.0, 5322.0, 5351.0, 5613.0, 5401.0, 5388.0, 5571.0, 5668.0, 5705.0, 5501.0, 5465.0, 5574.0, 5602.0, 5456.0, 5715.0, 5270.0, 5652.0, 5534.0, 5362.0, 5636.0, 5482.0, 5600.0 (number of hits: 9)
2	5510	9	1	333	1	5392.0, 5254.0, 5425.0, 5721.0, 5498.0, 5320.0, 5562.0, 5672.0, 5339.0, 5274.0, 5602.0, 5431.0, 5489.0, 5699.0, 5542.0, 5630.0, 5640.0, 5680.0, 5331.0, 5346.0, 5583.0, 5373.0, 5456.0, 5482.0, 5390.0, 5397.0, 5461.0, 5271.0, 5671.0, 5420.0, 5578.0, 5405.0, 5469.0, 5668.0, 5343.0, 5573.0, 5306.0, 5374.0, 5283.0, 5361.0, 5323.0, 5689.0, 5427.0, 5571.0, 5329.0, 5535.0, 5396.0, 5611.0, 5643.0, 5421.0, 5359.0, 5600.0, 5297.0, 5690.0, 5253.0, 5468.0, 5460.0, 5372.0, 5416.0, 5364.0, 5688.0, 5534.0, 5477.0, 5718.0, 5325.0, 5651.0, 5298.0, 5703.0, 5418.0, 5260.0, 5545.0, 5576.0, 5664.0, 5324.0, 5378.0, 5362.0, 5351.0, 5313.0, 5415.0, 5411.0, 5442.0, 5638.0, 5451.0, 5528.0, 5488.0, 5272.0, 5385.0, 5717.0, 5516.0, 5319.0, 5472.0, 5513.0, 5290.0, 5681.0, 5687.0, 5678.0, 5435.0, 5530.0, 5265.0, 5552.0 (number of hits: 3)
3	5510	9	1	333	1	5616.0, 5652.0, 5686.0, 5298.0, 5404.0, 5512.0, 5310.0, 5715.0, 5577.0, 5366.0, 5511.0, 5278.0, 5719.0, 5493.0, 5693.0, 5698.0, 5397.0, 5718.0, 5334.0, 5497.0, 5658.0, 5629.0, 5317.0, 5723.0, 5266.0, 5498.0, 5376.0, 5526.0, 5413.0, 5650.0, 5585.0, 5456.0, 5637.0, 5531.0, 5296.0, 5683.0, 5453.0, 5552.0, 5504.0, 5588.0, 5284.0, 5262.0, 5328.0, 5714.0, 5675.0, 5673.0, 5463.0, 5638.0, 5524.0, 5672.0, 5558.0, 5279.0, 5295.0, 5564.0, 5656.0, 5500.0, 5428.0, 5598.0, 5569.0, 5263.0,

						5297.0, 5301.0, 5685.0, 5387.0, 5722.0, 5315.0, 5540.0, 5355.0, 5496.0, 5527.0, 5318.0, 5350.0, 5255.0, 5611.0, 5367.0, 5421.0, 5401.0, 5520.0, 5323.0, 5480.0, 5597.0, 5676.0, 5502.0, 5488.0, 5451.0, 5313.0, 5383.0, 5507.0, 5642.0, 5414.0, 5492.0, 5427.0, 5645.0, 5649.0, 5375.0, 5283.0, 5335.0, 5303.0, 5663.0, 5532.0 (number of hits: 15)
4	5510	9	1	333	1	5338.0, 5568.0, 5536.0, 5364.0, 5566.0, 5345.0, 5339.0, 5476.0, 5420.0, 5474.0, 5387.0, 5596.0, 5475.0, 5401.0, 5343.0, 5517.0, 5720.0, 5631.0, 5354.0, 5467.0, 5579.0, 5369.0, 5324.0, 5715.0, 5516.0, 5646.0, 5599.0, 5326.0, 5399.0, 5598.0, 5446.0, 5680.0, 5558.0, 5355.0, 5691.0, 5426.0, 5632.0, 5423.0, 5675.0, 5574.0, 5644.0, 5471.0, 5584.0, 5655.0, 5589.0, 5389.0, 5642.0, 5257.0, 5563.0, 5549.0, 5686.0, 5553.0, 5403.0, 5269.0, 5609.0, 5334.0, 5299.0, 5277.0, 5463.0, 5506.0, 5297.0, 5658.0, 5583.0, 5657.0, 5532.0, 5710.0, 5633.0, 5433.0, 5670.0, 5267.0, 5301.0, 5336.0, 5307.0, 5381.0, 5377.0, 5379.0, 5663.0, 5412.0, 5465.0, 5625.0, 5636.0, 5647.0, 5347.0, 5321.0, 5264.0, 5578.0, 5630.0, 5637.0, 5515.0, 5485.0, 5571.0, 5397.0, 5402.0, 5370.0, 5414.0, 5432.0, 5616.0, 5510.0, 5360.0, 5706.0 (number of hits: 5)
5	5510	9	1	333	1	5473.0, 5701.0, 5392.0, 5626.0, 5629.0, 5393.0, 5330.0, 5396.0, 5254.0, 5449.0, 5618.0, 5493.0, 5355.0, 5434.0, 5356.0, 5422.0, 5651.0, 5271.0, 5572.0, 5713.0, 5505.0, 5583.0, 5660.0, 5479.0, 5645.0, 5442.0, 5311.0, 5659.0, 5512.0, 5634.0, 5361.0, 5662.0, 5558.0, 5435.0, 5266.0, 5587.0, 5700.0, 5539.0, 5340.0, 5298.0, 5722.0, 5447.0, 5605.0, 5362.0, 5251.0, 5673.0, 5680.0, 5593.0, 5353.0, 5562.0, 5481.0, 5696.0, 5306.0, 5401.0, 5502.0, 5354.0, 5380.0, 5643.0, 5559.0, 5501.0, 5417.0, 5466.0, 5542.0, 5504.0, 5706.0, 5644.0, 5416.0, 5507.0, 5719.0, 5641.0, 5289.0, 5428.0, 5301.0, 5374.0, 5263.0, 5589.0, 5313.0, 5451.0, 5617.0, 5688.0, 5376.0, 5468.0, 5717.0, 5538.0, 5450.0, 5669.0, 5655.0, 5548.0, 5268.0, 5552.0, 5352.0, 5670.0, 5368.0, 5367.0, 5640.0, 5277.0, 5608.0, 5625.0, 5565.0, 5585.0 (number of hits: 7)
6	5510	9	1	333	1	5341.0, 5503.0, 5682.0, 5342.0, 5613.0, 5352.0, 5587.0, 5496.0, 5485.0, 5421.0, 5400.0, 5312.0, 5540.0, 5301.0, 5599.0, 5610.0, 5467.0, 5386.0, 5635.0, 5331.0, 5552.0, 5358.0, 5511.0, 5533.0, 5468.0, 5634.0, 5290.0, 5616.0, 5457.0, 5536.0, 5637.0, 5531.0, 5556.0, 5526.0, 5325.0, 5500.0, 5408.0, 5649.0, 5539.0, 5689.0, 5326.0, 5583.0, 5708.0, 5438.0, 5489.0,

						5658.0, 5323.0, 5363.0, 5706.0, 5506.0, 5585.0, 5501.0, 5638.0, 5584.0, 5655.0, 5445.0, 5514.0, 5292.0, 5399.0, 5575.0, 5351.0, 5257.0, 5259.0, 5289.0, 5253.0, 5564.0, 5707.0, 5555.0, 5684.0, 5567.0, 5517.0, 5532.0, 5535.0, 5423.0, 5337.0, 5652.0, 5426.0, 5598.0, 5463.0, 5661.0, 5477.0, 5704.0, 5558.0, 5563.0, 5391.0, 5723.0, 5333.0, 5466.0, 5711.0, 5494.0, 5543.0, 5442.0, 5364.0, 5600.0, 5640.0, 5670.0, 5502.0, 5571.0, 5505.0, 5680.0 (number of hits: 12)
7	5510	9	1	333	1	5555.0, 5344.0, 5408.0, 5648.0, 5593.0, 5659.0, 5392.0, 5419.0, 5410.0, 5364.0, 5394.0, 5570.0, 5389.0, 5253.0, 5577.0, 5469.0, 5663.0, 5449.0, 5702.0, 5297.0, 5575.0, 5652.0, 5562.0, 5465.0, 5491.0, 5596.0, 5658.0, 5261.0, 5618.0, 5551.0, 5586.0, 5357.0, 5500.0, 5565.0, 5505.0, 5700.0, 5524.0, 5288.0, 5719.0, 5672.0, 5314.0, 5461.0, 5386.0, 5452.0, 5706.0, 5468.0, 5351.0, 5543.0, 5617.0, 5462.0, 5463.0, 5501.0, 5597.0, 5713.0, 5479.0, 5564.0, 5365.0, 5661.0, 5630.0, 5266.0, 5413.0, 5721.0, 5264.0, 5332.0, 5549.0, 5412.0, 5578.0, 5642.0, 5345.0, 5662.0, 5668.0, 5282.0, 5315.0, 5286.0, 5515.0, 5670.0, 5571.0, 5496.0, 5514.0, 5422.0, 5279.0, 5383.0, 5312.0, 5611.0, 5334.0, 5265.0, 5302.0, 5677.0, 5527.0, 5368.0, 5281.0, 5415.0, 5418.0, 5603.0, 5490.0, 5497.0, 5683.0, 5608.0, 5436.0, 5544.0 (number of hits: 9)
8	5510	9	1	333	1	5715.0, 5503.0, 5324.0, 5383.0, 5700.0, 5262.0, 5619.0, 5328.0, 5522.0, 5591.0, 5444.0, 5654.0, 5561.0, 5704.0, 5534.0, 5656.0, 5254.0, 5679.0, 5664.0, 5266.0, 5286.0, 5489.0, 5415.0, 5466.0, 5313.0, 5578.0, 5386.0, 5291.0, 5436.0, 5509.0, 5258.0, 5615.0, 5470.0, 5598.0, 5633.0, 5450.0, 5338.0, 5310.0, 5255.0, 5545.0, 5259.0, 5344.0, 5363.0, 5270.0, 5399.0, 5357.0, 5274.0, 5636.0, 5382.0, 5405.0, 5551.0, 5513.0, 5564.0, 5677.0, 5687.0, 5653.0, 5602.0, 5445.0, 5443.0, 5515.0, 5449.0, 5582.0, 5432.0, 5268.0, 5315.0, 5543.0, 5451.0, 5431.0, 5496.0, 5446.0, 5674.0, 5710.0, 5694.0, 5556.0, 5642.0, 5528.0, 5442.0, 5433.0, 5592.0, 5474.0, 5349.0, 5502.0, 5379.0, 5577.0, 5463.0, 5670.0, 5597.0, 5589.0, 5525.0, 5523.0, 5631.0, 5389.0, 5374.0, 5712.0, 5703.0, 5660.0, 5269.0, 5267.0, 5622.0, 5512.0 (number of hits: 10)
9	5510	9	1	333	1	5499.0, 5687.0, 5560.0, 5638.0, 5679.0, 5373.0, 5583.0, 5698.0, 5367.0, 5370.0, 5328.0, 5460.0, 5261.0, 5446.0, 5520.0, 5453.0, 5555.0, 5376.0, 5657.0, 5479.0, 5504.0, 5431.0, 5674.0, 5289.0, 5515.0, 5271.0, 5720.0, 5348.0, 5313.0, 5691.0,

						5639.0, 5506.0, 5607.0, 5615.0, 5408.0, 5459.0, 5467.0, 5270.0, 5629.0, 5394.0, 5528.0, 5426.0, 5625.0, 5363.0, 5411.0, 5682.0, 5415.0, 5705.0, 5386.0, 5594.0, 5501.0, 5592.0, 5606.0, 5472.0, 5482.0, 5419.0, 5275.0, 5662.0, 5612.0, 5673.0, 5485.0, 5595.0, 5371.0, 5405.0, 5285.0, 5366.0, 5277.0, 5435.0, 5420.0, 5643.0, 5252.0, 5286.0, 5553.0, 5349.0, 5298.0, 5278.0, 5483.0, 5326.0, 5570.0, 5677.0, 5262.0, 5723.0, 5268.0, 5686.0, 5518.0, 5567.0, 5290.0, 5628.0, 5670.0, 5306.0, 5333.0, 5541.0, 5512.0, 5399.0, 5352.0, 5414.0, 5434.0, 5660.0, 5344.0, 5438.0 (number of hits: 8)
10	5510	9	1	333	1	5286.0, 5475.0, 5458.0, 5274.0, 5560.0, 5453.0, 5460.0, 5586.0, 5579.0, 5670.0, 5261.0, 5696.0, 5680.0, 5361.0, 5369.0, 5672.0, 5545.0, 5291.0, 5419.0, 5258.0, 5721.0, 5494.0, 5618.0, 5619.0, 5638.0, 5464.0, 5555.0, 5386.0, 5695.0, 5467.0, 5451.0, 5718.0, 5584.0, 5365.0, 5681.0, 5401.0, 5650.0, 5323.0, 5507.0, 5540.0, 5270.0, 5589.0, 5285.0, 5289.0, 5544.0, 5468.0, 5583.0, 5679.0, 5437.0, 5575.0, 5558.0, 5665.0, 5577.0, 5520.0, 5418.0, 5315.0, 5643.0, 5461.0, 5342.0, 5337.0, 5642.0, 5367.0, 5255.0, 5700.0, 5538.0, 5568.0, 5649.0, 5715.0, 5523.0, 5330.0, 5690.0, 5444.0, 5412.0, 5707.0, 5706.0, 5428.0, 5716.0, 5396.0, 5709.0, 5530.0, 5662.0, 5691.0, 5288.0, 5395.0, 5372.0, 5510.0, 5393.0, 5529.0, 5645.0, 5376.0, 5556.0, 5637.0, 5504.0, 5551.0, 5346.0, 5521.0, 5488.0, 5472.0, 5528.0, 5387.0 (number of hits: 7)
11	5510	9	1	333	1	5367.0, 5515.0, 5473.0, 5523.0, 5596.0, 5369.0, 5350.0, 5611.0, 5661.0, 5304.0, 5579.0, 5548.0, 5613.0, 5416.0, 5669.0, 5250.0, 5549.0, 5539.0, 5413.0, 5641.0, 5263.0, 5488.0, 5574.0, 5672.0, 5253.0, 5402.0, 5487.0, 5676.0, 5471.0, 5696.0, 5582.0, 5559.0, 5261.0, 5360.0, 5292.0, 5645.0, 5315.0, 5278.0, 5709.0, 5349.0, 5517.0, 5405.0, 5642.0, 5388.0, 5640.0, 5484.0, 5320.0, 5626.0, 5718.0, 5267.0, 5415.0, 5308.0, 5319.0, 5576.0, 5511.0, 5353.0, 5397.0, 5260.0, 5715.0, 5624.0, 5423.0, 5689.0, 5466.0, 5547.0, 5719.0, 5656.0, 5316.0, 5524.0, 5437.0, 5454.0, 5297.0, 5463.0, 5420.0, 5693.0, 5510.0, 5275.0, 5556.0, 5513.0, 5469.0, 5472.0, 5717.0, 5443.0, 5439.0, 5600.0, 5335.0, 5654.0, 5670.0, 5475.0, 5468.0, 5336.0, 5573.0, 5542.0, 5327.0, 5612.0, 5594.0, 5507.0, 5629.0, 5276.0, 5543.0, 5318.0 (number of hits: 8)
12	5510	9	1	333	1	5576.0, 5282.0, 5626.0, 5361.0, 5260.0, 5632.0, 5267.0, 5471.0, 5441.0, 5647.0, 5373.0, 5531.0, 5535.0, 5394.0, 5355.0,

						5550.0, 5438.0, 5348.0, 5591.0, 5651.0, 5318.0, 5366.0, 5278.0, 5592.0, 5464.0, 5625.0, 5402.0, 5656.0, 5624.0, 5639.0, 5532.0, 5502.0, 5342.0, 5697.0, 5667.0, 5459.0, 5296.0, 5613.0, 5381.0, 5434.0, 5520.0, 5530.0, 5692.0, 5308.0, 5413.0, 5561.0, 5689.0, 5494.0, 5414.0, 5290.0, 5516.0, 5251.0, 5334.0, 5470.0, 5315.0, 5544.0, 5569.0, 5682.0, 5597.0, 5307.0, 5338.0, 5580.0, 5258.0, 5484.0, 5263.0, 5386.0, 5357.0, 5584.0, 5303.0, 5559.0, 5310.0, 5700.0, 5388.0, 5328.0, 5320.0, 5350.0, 5555.0, 5326.0, 5325.0, 5627.0, 5400.0, 5280.0, 5679.0, 5686.0, 5628.0, 5680.0, 5719.0, 5722.0, 5409.0, 5513.0, 5666.0, 5360.0, 5436.0, 5504.0, 5548.0, 5515.0, 5371.0, 5533.0, 5421.0, 5448.0 (number of hits: 7)
13	5510	9	1	333	1	5366.0, 5541.0, 5333.0, 5504.0, 5372.0, 5694.0, 5553.0, 5474.0, 5624.0, 5478.0, 5567.0, 5492.0, 5643.0, 5563.0, 5671.0, 5670.0, 5373.0, 5649.0, 5469.0, 5629.0, 5557.0, 5425.0, 5440.0, 5271.0, 5660.0, 5613.0, 5280.0, 5667.0, 5509.0, 5393.0, 5713.0, 5722.0, 5433.0, 5704.0, 5595.0, 5495.0, 5387.0, 5411.0, 5446.0, 5601.0, 5329.0, 5529.0, 5669.0, 5263.0, 5473.0, 5490.0, 5277.0, 5535.0, 5695.0, 5571.0, 5481.0, 5551.0, 5684.0, 5286.0, 5632.0, 5702.0, 5482.0, 5606.0, 5472.0, 5592.0, 5357.0, 5577.0, 5413.0, 5506.0, 5665.0, 5644.0, 5326.0, 5352.0, 5313.0, 5444.0, 5279.0, 5723.0, 5500.0, 5540.0, 5317.0, 5630.0, 5498.0, 5600.0, 5503.0, 5526.0, 5328.0, 5598.0, 5599.0, 5651.0, 5427.0, 5327.0, 5400.0, 5619.0, 5390.0, 5536.0, 5534.0, 5412.0, 5374.0, 5431.0, 5291.0, 5584.0, 5677.0, 5514.0, 5283.0, 5679.0 (number of hits: 10)
14	5510	9	1	333	1	5474.0, 5421.0, 5292.0, 5395.0, 5468.0, 5667.0, 5473.0, 5507.0, 5434.0, 5274.0, 5562.0, 5323.0, 5544.0, 5408.0, 5443.0, 5713.0, 5370.0, 5619.0, 5466.0, 5333.0, 5517.0, 5541.0, 5439.0, 5280.0, 5633.0, 5530.0, 5653.0, 5666.0, 5622.0, 5440.0, 5627.0, 5422.0, 5451.0, 5553.0, 5253.0, 5261.0, 5493.0, 5327.0, 5668.0, 5404.0, 5643.0, 5660.0, 5676.0, 5583.0, 5401.0, 5606.0, 5661.0, 5484.0, 5721.0, 5552.0, 5623.0, 5635.0, 5589.0, 5379.0, 5555.0, 5618.0, 5629.0, 5380.0, 5540.0, 5301.0, 5262.0, 5296.0, 5352.0, 5283.0, 5631.0, 5320.0, 5692.0, 5436.0, 5347.0, 5582.0, 5392.0, 5378.0, 5252.0, 5419.0, 5420.0, 5295.0, 5708.0, 5673.0, 5288.0, 5355.0, 5403.0, 5425.0, 5362.0, 5277.0, 5712.0, 5546.0, 5329.0, 5438.0, 5691.0, 5432.0, 5514.0, 5259.0, 5311.0, 5597.0, 5558.0, 5260.0, 5539.0, 5359.0, 5424.0, 5641.0 (number of hits: 4)

15	5510	9	1	333	1	5593.0, 5675.0, 5324.0, 5459.0, 5704.0, 5542.0, 5388.0, 5478.0, 5641.0, 5698.0, 5574.0, 5520.0, 5287.0, 5297.0, 5721.0, 5276.0, 5380.0, 5454.0, 5395.0, 5551.0, 5646.0, 5286.0, 5556.0, 5501.0, 5678.0, 5490.0, 5683.0, 5618.0, 5369.0, 5315.0, 5561.0, 5331.0, 5317.0, 5605.0, 5575.0, 5493.0, 5692.0, 5326.0, 5576.0, 5364.0, 5393.0, 5582.0, 5296.0, 5384.0, 5407.0, 5710.0, 5543.0, 5361.0, 5496.0, 5592.0, 5400.0, 5359.0, 5432.0, 5442.0, 5403.0, 5456.0, 5590.0, 5271.0, 5360.0, 5715.0, 5254.0, 5607.0, 5308.0, 5347.0, 5314.0, 5294.0, 5316.0, 5626.0, 5581.0, 5695.0, 5438.0, 5304.0, 5648.0, 5272.0, 5366.0, 5547.0, 5353.0, 5275.0, 5381.0, 5534.0, 5335.0, 5636.0, 5447.0, 5320.0, 5446.0, 5707.0, 5439.0, 5549.0, 5301.0, 5389.0, 5613.0, 5427.0, 5526.0, 5507.0, 5264.0, 5357.0, 5396.0, 5597.0, 5253.0, 5333.0 (number of hits: 6)
16	5510	9	1	333	1	5505.0, 5273.0, 5532.0, 5300.0, 5323.0, 5489.0, 5299.0, 5636.0, 5518.0, 5308.0, 5364.0, 5588.0, 5477.0, 5413.0, 5705.0, 5530.0, 5620.0, 5451.0, 5499.0, 5448.0, 5338.0, 5709.0, 5294.0, 5613.0, 5683.0, 5408.0, 5667.0, 5266.0, 5363.0, 5343.0, 5513.0, 5480.0, 5381.0, 5422.0, 5445.0, 5446.0, 5628.0, 5252.0, 5371.0, 5385.0, 5692.0, 5337.0, 5678.0, 5455.0, 5648.0, 5684.0, 5265.0, 5437.0, 5382.0, 5420.0, 5368.0, 5719.0, 5500.0, 5529.0, 5501.0, 5259.0, 5380.0, 5495.0, 5535.0, 5462.0, 5526.0, 5639.0, 5333.0, 5332.0, 5270.0, 5314.0, 5344.0, 5305.0, 5317.0, 5504.0, 5352.0, 5456.0, 5572.0, 5698.0, 5291.0, 5565.0, 5439.0, 5583.0, 5357.0, 5658.0, 5631.0, 5553.0, 5592.0, 5277.0, 5680.0, 5723.0, 5662.0, 5661.0, 5360.0, 5656.0, 5649.0, 5595.0, 5475.0, 5441.0, 5610.0, 5386.0, 5251.0, 5643.0, 5517.0, 5274.0 (number of hits: 10)
17	5510	9	1	333	1	5560.0, 5601.0, 5638.0, 5386.0, 5387.0, 5581.0, 5268.0, 5481.0, 5305.0, 5677.0, 5566.0, 5400.0, 5368.0, 5651.0, 5452.0, 5549.0, 5478.0, 5420.0, 5264.0, 5377.0, 5539.0, 5554.0, 5485.0, 5286.0, 5371.0, 5624.0, 5721.0, 5444.0, 5443.0, 5570.0, 5697.0, 5401.0, 5598.0, 5383.0, 5574.0, 5468.0, 5385.0, 5359.0, 5289.0, 5656.0, 5345.0, 5257.0, 5487.0, 5318.0, 5555.0, 5436.0, 5564.0, 5521.0, 5628.0, 5389.0, 5467.0, 5526.0, 5547.0, 5509.0, 5702.0, 5622.0, 5550.0, 5530.0, 5683.0, 5610.0, 5280.0, 5462.0, 5272.0, 5388.0, 5613.0, 5339.0, 5274.0, 5258.0, 5659.0, 5679.0, 5407.0, 5633.0, 5503.0, 5476.0, 5475.0, 5603.0, 5480.0, 5484.0, 5671.0, 5527.0, 5491.0, 5417.0, 5423.0, 5571.0, 5660.0, 5586.0, 5626.0, 5483.0, 5353.0, 5434.0,

						5346.0, 5397.0, 5636.0, 5513.0, 5343.0, 5608.0, 5260.0, 5621.0, 5700.0, 5544.0 (number of hits: 6)
18	5510	9	1	333	1	5643.0, 5715.0, 5470.0, 5283.0, 5282.0, 5507.0, 5573.0, 5419.0, 5273.0, 5660.0, 5509.0, 5476.0, 5424.0, 5332.0, 5685.0, 5564.0, 5302.0, 5550.0, 5624.0, 5708.0, 5699.0, 5591.0, 5610.0, 5572.0, 5576.0, 5361.0, 5663.0, 5321.0, 5577.0, 5664.0, 5619.0, 5556.0, 5363.0, 5618.0, 5275.0, 5534.0, 5312.0, 5583.0, 5630.0, 5298.0, 5636.0, 5581.0, 5421.0, 5633.0, 5543.0, 5276.0, 5594.0, 5695.0, 5467.0, 5392.0, 5553.0, 5546.0, 5254.0, 5590.0, 5719.0, 5522.0, 5620.0, 5368.0, 5691.0, 5517.0, 5365.0, 5456.0, 5494.0, 5385.0, 5520.0, 5488.0, 5658.0, 5347.0, 5450.0, 5411.0, 5706.0, 5670.0, 5538.0, 5479.0, 5505.0, 5632.0, 5395.0, 5498.0, 5382.0, 5530.0, 5307.0, 5404.0, 5718.0, 5357.0, 5315.0, 5344.0, 5465.0, 5707.0, 5441.0, 5644.0, 5270.0, 5515.0, 5449.0, 5621.0, 5264.0, 5397.0, 5690.0, 5459.0, 5484.0, 5676.0 (number of hits: 9)
19	5510	9	1	333	1	5315.0, 5616.0, 5603.0, 5671.0, 5520.0, 5543.0, 5514.0, 5321.0, 5413.0, 5337.0, 5481.0, 5302.0, 5570.0, 5365.0, 5382.0, 5298.0, 5702.0, 5580.0, 5535.0, 5635.0, 5349.0, 5476.0, 5484.0, 5517.0, 5441.0, 5715.0, 5397.0, 5509.0, 5480.0, 5253.0, 5351.0, 5383.0, 5648.0, 5338.0, 5260.0, 5433.0, 5584.0, 5553.0, 5304.0, 5643.0, 5569.0, 5473.0, 5445.0, 5719.0, 5528.0, 5287.0, 5681.0, 5283.0, 5665.0, 5703.0, 5593.0, 5591.0, 5438.0, 5657.0, 5277.0, 5495.0, 5685.0, 5557.0, 5292.0, 5251.0, 5711.0, 5362.0, 5336.0, 5399.0, 5299.0, 5609.0, 5453.0, 5310.0, 5647.0, 5668.0, 5568.0, 5459.0, 5522.0, 5396.0, 5454.0, 5455.0, 5358.0, 5721.0, 5261.0, 5690.0, 5494.0, 5256.0, 5384.0, 5620.0, 5417.0, 5252.0, 5699.0, 5254.0, 5594.0, 5610.0, 5407.0, 5576.0, 5556.0, 5577.0, 5303.0, 5717.0, 5627.0, 5724.0, 5436.0, 5469.0 (number of hits: 7)
20	5510	9	1	333	1	5614.0, 5486.0, 5620.0, 5485.0, 5386.0, 5654.0, 5676.0, 5477.0, 5330.0, 5542.0, 5696.0, 5274.0, 5675.0, 5708.0, 5459.0, 5611.0, 5715.0, 5494.0, 5565.0, 5497.0, 5712.0, 5570.0, 5600.0, 5668.0, 5508.0, 5275.0, 5605.0, 5369.0, 5463.0, 5368.0, 5656.0, 5607.0, 5256.0, 5422.0, 5540.0, 5375.0, 5270.0, 5568.0, 5638.0, 5490.0, 5484.0, 5349.0, 5319.0, 5468.0, 5301.0, 5292.0, 5397.0, 5618.0, 5489.0, 5374.0, 5525.0, 5273.0, 5501.0, 5283.0, 5660.0, 5364.0, 5572.0, 5287.0, 5437.0, 5717.0, 5709.0, 5500.0, 5313.0, 5409.0, 5340.0, 5544.0, 5329.0, 5591.0, 5407.0, 5567.0, 5309.0, 5297.0, 5431.0, 5541.0, 5515.0,

						5471.0, 5285.0, 5502.0, 5430.0, 5428.0, 5543.0, 5331.0, 5573.0, 5498.0, 5414.0, 5261.0, 5467.0, 5279.0, 5434.0, 5596.0, 5371.0, 5266.0, 5545.0, 5326.0, 5415.0, 5702.0, 5282.0, 5346.0, 5447.0, 5539.0 (number of hits: 9)
21	5510	9	1	333	1	5648.0, 5711.0, 5633.0, 5600.0, 5618.0, 5287.0, 5323.0, 5450.0, 5557.0, 5572.0, 5590.0, 5441.0, 5452.0, 5550.0, 5443.0, 5531.0, 5432.0, 5495.0, 5651.0, 5348.0, 5684.0, 5553.0, 5552.0, 5672.0, 5395.0, 5353.0, 5480.0, 5680.0, 5412.0, 5503.0, 5453.0, 5606.0, 5266.0, 5313.0, 5617.0, 5519.0, 5300.0, 5632.0, 5605.0, 5321.0, 5469.0, 5487.0, 5636.0, 5580.0, 5584.0, 5514.0, 5381.0, 5422.0, 5376.0, 5504.0, 5439.0, 5720.0, 5472.0, 5421.0, 5369.0, 5372.0, 5657.0, 5404.0, 5436.0, 5418.0, 5697.0, 5704.0, 5367.0, 5306.0, 5349.0, 5345.0, 5455.0, 5673.0, 5615.0, 5708.0, 5310.0, 5388.0, 5560.0, 5311.0, 5621.0, 5573.0, 5559.0, 5570.0, 5526.0, 5277.0, 5282.0, 5398.0, 5640.0, 5396.0, 5569.0, 5299.0, 5479.0, 5433.0, 5538.0, 5341.0, 5604.0, 5694.0, 5428.0, 5278.0, 5402.0, 5691.0, 5401.0, 5465.0, 5290.0, 5325.0 (number of hits: 6)
22	5510	9	1	333	1	5255.0, 5460.0, 5422.0, 5398.0, 5519.0, 5438.0, 5351.0, 5540.0, 5329.0, 5277.0, 5656.0, 5557.0, 5377.0, 5306.0, 5506.0, 5572.0, 5254.0, 5716.0, 5465.0, 5256.0, 5600.0, 5527.0, 5356.0, 5464.0, 5546.0, 5628.0, 5373.0, 5405.0, 5510.0, 5387.0, 5312.0, 5514.0, 5704.0, 5385.0, 5576.0, 5342.0, 5486.0, 5379.0, 5501.0, 5484.0, 5407.0, 5515.0, 5534.0, 5291.0, 5424.0, 5435.0, 5590.0, 5338.0, 5561.0, 5601.0, 5637.0, 5517.0, 5440.0, 5522.0, 5279.0, 5411.0, 5695.0, 5712.0, 5286.0, 5562.0, 5280.0, 5371.0, 5317.0, 5566.0, 5283.0, 5449.0, 5490.0, 5701.0, 5467.0, 5532.0, 5363.0, 5552.0, 5521.0, 5651.0, 5597.0, 5603.0, 5304.0, 5481.0, 5596.0, 5718.0, 5626.0, 5539.0, 5404.0, 5706.0, 5491.0, 5721.0, 5426.0, 5453.0, 5570.0, 5421.0, 5463.0, 5647.0, 5293.0, 5372.0, 5574.0, 5391.0, 5420.0, 5541.0, 5646.0, 5347.0 (number of hits: 10)
23	5510	9	1	333	1	5563.0, 5601.0, 5307.0, 5306.0, 5508.0, 5513.0, 5401.0, 5334.0, 5541.0, 5505.0, 5458.0, 5481.0, 5436.0, 5489.0, 5535.0, 5315.0, 5571.0, 5393.0, 5426.0, 5551.0, 5621.0, 5251.0, 5309.0, 5348.0, 5373.0, 5564.0, 5465.0, 5578.0, 5544.0, 5384.0, 5337.0, 5456.0, 5262.0, 5636.0, 5661.0, 5552.0, 5369.0, 5459.0, 5525.0, 5361.0, 5672.0, 5700.0, 5457.0, 5677.0, 5523.0, 5514.0, 5351.0, 5282.0, 5482.0, 5723.0, 5407.0, 5714.0, 5437.0, 5252.0, 5679.0, 5693.0, 5310.0, 5328.0, 5584.0, 5314.0,

						5353.0, 5606.0, 5425.0, 5449.0, 5641.0, 5486.0, 5378.0, 5549.0, 5495.0, 5380.0, 5476.0, 5509.0, 5263.0, 5478.0, 5690.0, 5256.0, 5349.0, 5622.0, 5627.0, 5562.0, 5383.0, 5338.0, 5446.0, 5590.0, 5313.0, 5431.0, 5718.0, 5292.0, 5605.0, 5706.0, 5451.0, 5692.0, 5533.0, 5270.0, 5647.0, 5317.0, 5285.0, 5573.0, 5366.0, 5391.0 (number of hits: 8)
24	5510	9	1	333	1	5648.0, 5695.0, 5459.0, 5675.0, 5613.0, 5549.0, 5280.0, 5406.0, 5393.0, 5655.0, 5516.0, 5662.0, 5474.0, 5331.0, 5387.0, 5336.0, 5685.0, 5267.0, 5313.0, 5307.0, 5615.0, 5637.0, 5259.0, 5425.0, 5614.0, 5504.0, 5698.0, 5440.0, 5476.0, 5526.0, 5621.0, 5344.0, 5420.0, 5536.0, 5543.0, 5453.0, 5275.0, 5673.0, 5486.0, 5454.0, 5397.0, 5558.0, 5616.0, 5541.0, 5721.0, 5284.0, 5294.0, 5465.0, 5449.0, 5332.0, 5658.0, 5312.0, 5464.0, 5262.0, 5434.0, 5693.0, 5272.0, 5488.0, 5302.0, 5404.0, 5567.0, 5566.0, 5688.0, 5545.0, 5556.0, 5407.0, 5674.0, 5631.0, 5560.0, 5625.0, 5593.0, 5466.0, 5317.0, 5517.0, 5532.0, 5340.0, 5618.0, 5643.0, 5377.0, 5710.0, 5475.0, 5367.0, 5300.0, 5296.0, 5286.0, 5571.0, 5652.0, 5324.0, 5576.0, 5666.0, 5403.0, 5539.0, 5540.0, 5585.0, 5574.0, 5251.0, 5610.0, 5626.0, 5385.0, 5671.0 (number of hits: 4)
25	5510	9	1	333	1	5722.0, 5311.0, 5296.0, 5371.0, 5501.0, 5656.0, 5502.0, 5630.0, 5521.0, 5723.0, 5377.0, 5258.0, 5288.0, 5424.0, 5263.0, 5264.0, 5440.0, 5384.0, 5471.0, 5325.0, 5691.0, 5453.0, 5498.0, 5335.0, 5370.0, 5644.0, 5555.0, 5595.0, 5385.0, 5702.0, 5519.0, 5525.0, 5379.0, 5684.0, 5259.0, 5648.0, 5596.0, 5315.0, 5410.0, 5399.0, 5393.0, 5364.0, 5336.0, 5651.0, 5635.0, 5381.0, 5275.0, 5683.0, 5628.0, 5608.0, 5477.0, 5482.0, 5339.0, 5439.0, 5271.0, 5470.0, 5254.0, 5283.0, 5365.0, 5257.0, 5687.0, 5561.0, 5612.0, 5392.0, 5509.0, 5307.0, 5719.0, 5317.0, 5476.0, 5262.0, 5674.0, 5534.0, 5493.0, 5522.0, 5455.0, 5650.0, 5357.0, 5553.0, 5302.0, 5564.0, 5359.0, 5647.0, 5716.0, 5545.0, 5280.0, 5640.0, 5524.0, 5383.0, 5515.0, 5378.0, 5299.0, 5657.0, 5345.0, 5573.0, 5451.0, 5574.0, 5300.0, 5286.0, 5597.0, 5679.0 (number of hits: 11)
26	5510	9	1	333	1	5380.0, 5403.0, 5250.0, 5656.0, 5584.0, 5600.0, 5466.0, 5721.0, 5278.0, 5722.0, 5637.0, 5294.0, 5523.0, 5555.0, 5530.0, 5695.0, 5426.0, 5407.0, 5591.0, 5365.0, 5402.0, 5378.0, 5288.0, 5682.0, 5258.0, 5705.0, 5425.0, 5345.0, 5724.0, 5453.0, 5321.0, 5500.0, 5511.0, 5628.0, 5567.0, 5615.0, 5451.0, 5655.0, 5696.0, 5335.0, 5296.0, 5341.0, 5401.0, 5581.0, 5706.0,

						5547.0, 5391.0, 5411.0, 5658.0, 5331.0, 5639.0, 5460.0, 5481.0, 5477.0, 5572.0, 5579.0, 5704.0, 5577.0, 5266.0, 5630.0, 5293.0, 5590.0, 5395.0, 5668.0, 5647.0, 5297.0, 5368.0, 5546.0, 5597.0, 5569.0, 5392.0, 5573.0, 5549.0, 5272.0, 5413.0, 5499.0, 5455.0, 5520.0, 5442.0, 5713.0, 5519.0, 5437.0, 5298.0, 5418.0, 5718.0, 5529.0, 5578.0, 5598.0, 5503.0, 5461.0, 5479.0, 5575.0, 5374.0, 5396.0, 5610.0, 5478.0, 5676.0, 5517.0, 5440.0, 5604.0 (number of hits: 8)
27	5510	9	1	333	1	5496.0, 5657.0, 5315.0, 5626.0, 5447.0, 5323.0, 5635.0, 5545.0, 5421.0, 5491.0, 5621.0, 5673.0, 5470.0, 5405.0, 5501.0, 5256.0, 5649.0, 5252.0, 5275.0, 5589.0, 5590.0, 5663.0, 5270.0, 5460.0, 5488.0, 5294.0, 5286.0, 5478.0, 5273.0, 5344.0, 5414.0, 5367.0, 5507.0, 5312.0, 5573.0, 5504.0, 5515.0, 5716.0, 5672.0, 5497.0, 5322.0, 5656.0, 5308.0, 5346.0, 5619.0, 5540.0, 5412.0, 5721.0, 5482.0, 5289.0, 5422.0, 5254.0, 5512.0, 5681.0, 5591.0, 5434.0, 5493.0, 5536.0, 5608.0, 5426.0, 5428.0, 5411.0, 5474.0, 5686.0, 5325.0, 5522.0, 5390.0, 5603.0, 5715.0, 5513.0, 5334.0, 5400.0, 5601.0, 5319.0, 5341.0, 5611.0, 5288.0, 5498.0, 5682.0, 5588.0, 5407.0, 5404.0, 5648.0, 5698.0, 5718.0, 5295.0, 5499.0, 5678.0, 5266.0, 5500.0, 5487.0, 5417.0, 5392.0, 5251.0, 5518.0, 5535.0, 5574.0, 5492.0, 5379.0, 5449.0 (number of hits: 15)
28	5510	9	1	333	1	5470.0, 5660.0, 5429.0, 5671.0, 5309.0, 5551.0, 5346.0, 5510.0, 5687.0, 5351.0, 5433.0, 5699.0, 5467.0, 5398.0, 5582.0, 5501.0, 5655.0, 5590.0, 5602.0, 5357.0, 5466.0, 5647.0, 5474.0, 5480.0, 5261.0, 5370.0, 5316.0, 5605.0, 5685.0, 5414.0, 5508.0, 5592.0, 5451.0, 5693.0, 5471.0, 5543.0, 5538.0, 5517.0, 5536.0, 5625.0, 5321.0, 5364.0, 5362.0, 5432.0, 5328.0, 5667.0, 5456.0, 5410.0, 5368.0, 5405.0, 5530.0, 5455.0, 5343.0, 5639.0, 5352.0, 5581.0, 5702.0, 5477.0, 5333.0, 5561.0, 5372.0, 5493.0, 5268.0, 5258.0, 5426.0, 5417.0, 5670.0, 5325.0, 5712.0, 5571.0, 5361.0, 5664.0, 5411.0, 5601.0, 5323.0, 5632.0, 5354.0, 5331.0, 5380.0, 5663.0, 5369.0, 5675.0, 5591.0, 5278.0, 5563.0, 5606.0, 5353.0, 5642.0, 5697.0, 5306.0, 5620.0, 5267.0, 5499.0, 5585.0, 5445.0, 5271.0, 5356.0, 5713.0, 5633.0, 5441.0 (number of hits: 6)
29	5510	9	1	333	1	5380.0, 5609.0, 5662.0, 5339.0, 5324.0, 5495.0, 5429.0, 5539.0, 5680.0, 5504.0, 5557.0, 5537.0, 5482.0, 5461.0, 5566.0, 5577.0, 5410.0, 5252.0, 5308.0, 5669.0, 5587.0, 5326.0, 5625.0, 5510.0, 5721.0, 5349.0, 5667.0, 5307.0, 5269.0, 5341.0,

						5344.0, 5614.0, 5470.0, 5615.0, 5661.0, 5386.0, 5644.0, 5600.0, 5280.0, 5567.0, 5665.0, 5534.0, 5690.0, 5693.0, 5294.0, 5491.0, 5705.0, 5446.0, 5411.0, 5561.0, 5518.0, 5672.0, 5449.0, 5524.0, 5699.0, 5282.0, 5551.0, 5310.0, 5333.0, 5385.0, 5487.0, 5595.0, 5274.0, 5413.0, 5719.0, 5336.0, 5629.0, 5412.0, 5560.0, 5460.0, 5559.0, 5405.0, 5660.0, 5397.0, 5642.0, 5543.0, 5304.0, 5313.0, 5620.0, 5663.0, 5638.0, 5286.0, 5424.0, 5360.0, 5329.0, 5545.0, 5520.0, 5355.0, 5251.0, 5431.0, 5466.0, 5441.0, 5432.0, 5383.0, 5591.0, 5593.0, 5675.0, 5604.0, 5312.0, 5455.0 (number of hits: 6)
30	5510	9	1	333	1	5388.0, 5552.0, 5438.0, 5706.0, 5364.0, 5693.0, 5366.0, 5681.0, 5613.0, 5522.0, 5543.0, 5407.0, 5585.0, 5638.0, 5576.0, 5619.0, 5457.0, 5696.0, 5648.0, 5301.0, 5560.0, 5391.0, 5590.0, 5365.0, 5598.0, 5505.0, 5499.0, 5625.0, 5326.0, 5345.0, 5502.0, 5530.0, 5649.0, 5567.0, 5421.0, 5254.0, 5430.0, 5455.0, 5661.0, 5536.0, 5354.0, 5409.0, 5535.0, 5295.0, 5418.0, 5351.0, 5253.0, 5655.0, 5473.0, 5716.0, 5643.0, 5272.0, 5641.0, 5324.0, 5269.0, 5490.0, 5631.0, 5265.0, 5701.0, 5627.0, 5699.0, 5532.0, 5538.0, 5601.0, 5605.0, 5410.0, 5640.0, 5508.0, 5435.0, 5630.0, 5423.0, 5466.0, 5574.0, 5523.0, 5371.0, 5608.0, 5369.0, 5525.0, 5577.0, 5317.0, 5702.0, 5286.0, 5363.0, 5721.0, 5340.0, 5306.0, 5610.0, 5594.0, 5541.0, 5517.0, 5676.0, 5434.0, 5328.0, 5539.0, 5680.0, 5411.0, 5347.0, 5492.0, 5537.0, 5509.0 (number of hits: 10)

5530 MHz, 80 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	83.3 %	60%	Pass
Type 3	30	73.3 %	60%	Pass
Type 4	30	90 %	60%	Pass
Aggregate (Type1 to 4)	120	86.7 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	95	1	558	1
2	5492	81	1	658	1
3	5492	61	1	878	1
4	5492	63	1	838	1
5	5492	58	1	918	1
6	5530	74	1	718	1
7	5530	78	1	678	1
8	5530	68	1	778	1
9	5530	92	1	578	1
10	5530	65	1	818	1
11	5568	72	1	738	1
12	5568	86	1	618	1
13	5568	57	1	938	1
14	5568	62	1	858	1
15	5568	70	1	758	1
16	5492	40	1	1352	1
17	5492	46	1	1169	1
18	5492	76	1	700	1
19	5492	58	1	923	1
20	5492	27	1	1972	1
21	5530	94	1	566	1
22	5530	20	1	2739	1
23	5530	20	1	2705	1
24	5530	58	1	921	1
25	5530	51	1	1044	1
26	5568	18	1	2959	1
27	5568	30	1	1793	1
28	5568	27	1	1971	1
29	5568	19	1	2901	1
30	5568	29	1	1826	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	25	1	153	1
2	5492	25	4.9	202	1
3	5492	23	1.3	210	1
4	5492	28	4.2	217	1
5	5492	25	2.4	229	1
6	5492	26	3.5	189	1
7	5492	29	2.9	151	1
8	5492	24	3.7	160	1
9	5492	24	3.3	174	1
10	5492	27	2.1	230	1
11	5530	26	2.8	182	1
12	5530	24	5	152	1
13	5530	29	2.2	215	1
14	5530	25	3.3	199	1
15	5530	29	4.8	184	0
16	5530	23	1.9	180	1
17	5530	25	3.8	157	1
18	5530	26	2.1	167	1
19	5530	28	1	230	0
20	5530	27	2.2	193	1
21	5568	25	2.9	189	1
22	5568	26	2.9	199	1
23	5568	24	4.1	219	1
24	5568	24	3.6	186	1
25	5568	28	2.1	220	1
26	5568	24	4.1	185	1
27	5568	27	4	225	0
28	5568	24	4.6	166	0
29	5568	27	4.9	227	0
30	5568	26	3.8	226	1
Detection Percentage: 83.3 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	16	6.6	361	1
2	5492	18	7.8	207	1
3	5492	17	9.5	338	0
4	5492	17	6.2	240	1
5	5492	16	9.9	325	1
6	5492	16	9.8	272	0
7	5492	16	10	220	0
8	5492	18	9.5	222	1
9	5492	17	7.3	294	1
10	5492	18	6.7	364	1
11	5530	18	7.6	416	1
12	5530	16	6.4	466	1
13	5530	17	7.1	486	0
14	5530	18	8.3	212	1
15	5530	18	7.2	284	0
16	5530	18	8.7	386	1
17	5530	17	9	485	1
18	5530	16	9	440	1
19	5530	16	7.3	458	1
20	5530	16	6.4	369	1
21	5568	18	7.5	361	0
22	5568	16	9.8	393	1
23	5568	17	6.7	230	1
24	5568	16	6.8	319	1
25	5568	17	6.9	328	1
26	5568	17	10	491	1
27	5568	16	8.5	362	1
28	5568	16	7.8	416	1
29	5568	17	9.9	460	0
30	5568	16	8.7	303	0
Detection Percentage: 73.3 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	13	13	421	1
2	5492	15	13.2	289	0
3	5492	15	16.9	379	0
4	5492	16	17.8	323	1
5	5492	12	12.7	265	1
6	5492	14	19.9	205	1
7	5492	14	14.6	222	1
8	5492	15	19.7	470	1
9	5492	14	16.1	293	1
10	5492	16	17.5	474	1
11	5530	16	18.4	425	1
12	5530	14	14.4	432	1
13	5530	16	17.7	495	1
14	5530	12	11	464	1
15	5530	12	18.4	473	1
16	5530	12	15.8	360	1
17	5530	14	18.5	471	1
18	5530	16	11.8	321	0
19	5530	15	16.7	486	1
20	5530	15	15.8	310	1
21	5568	13	11.7	411	1
22	5568	12	13.3	331	1
23	5568	16	17.3	228	1
24	5568	14	14.6	205	1
25	5568	15	13.3	238	1
26	5568	16	16.4	481	1
27	5568	15	17.7	444	1
28	5568	15	11.4	461	1
29	5568	16	12.9	365	1
30	5568	14	11	249	1
Detection Percentage: 90 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5530	1
2	5530	1
3	5530	1
4	5530	1
5	5530	1
6	5530	1
7	5530	1
8	5530	1
9	5530	1
10	5530	1
11	5494.4	1
12	5495.2	1
13	5494.8	1
14	5497.2	1
15	5496.8	1
16	5499.6	1
17	5494.4	1
18	5498.8	1
19	5496.8	1
20	5495.6	1
21	5564.8	1
22	5563.2	1
23	5564.8	1
24	5563.6	1
25	5562.8	1
26	5560	1
27	5564	1
28	5566	1
29	5565.6	1
30	5560.4	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	93.7	1057		0.131574	
1	1	14	99.6			0.950167	
2	1	14	53.9			2.262353	
3	1	14	65.2			2.514929	
4	2	14	82.6	1146		3.526501	
5	3	14	92.9	1784	1148	4.108616	
6	3	14	51.7	1263	1093	5.41267	
7	2	14	61	1473		5.878726	1
8	3	14	68	1946	1663	6.522831	
9	1	14	62.4			7.270987	
10	2	14	65.4	1704		8.243451	
11	2	14	72.9	1037		8.859374	
12	2	14	84.4	1733		10.056423	
13	2	14	96.3	1156		10.879957	
14	2	14	59.4	1108		11.281385	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	14	52.8	1204	1603	0	
1	2	14	88	1153		1	
2	3	14	57.2	1174	1789	2	
3	3	14	80	1725	1327	3	
4	3	14	66.7	1292	1824	4	
5	1	14	93.8			5	
6	2	14	81.7	1921		6	
7	2	14	55	1542		7	
8	3	14	51.7	1921	1475	8	
9	1	14	88.9			9	
10	3	14	52.6	1528	1230	10	1
11	1	14	73.4			11	
12	1	14	62.6			12	
13	1	14	79.1			13	
14	2	14	82.8	1133		14	
15	3	14	52.8	1603	1208	15	
16	1	14	63.5			16	
17	3	14	90.9	1527	1792	17	
18	2	14	52	1469		18	
19	2	14	73.5	1797		19	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	87.7	1905		0.856831	1
1	2	6	75.5	1585		1.677385	
2	2	6	91.8	1824		2.239119	
3	1	6	79.8			4.313295	
4	1	6	90.4			4.386806	
5	1	6	58.2			5.577988	
6	1	6	79			6.999034	
7	3	6	55.9	1704	1161	7.879762	
8	2	6	75.5	1379		9.705087	
9	3	6	83	1956	1509	10.156116	
10	1	6	65.6			11.413176	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	14	81.9	1079		1.483793	1
1	1	14	69.9			2.981306	
2	3	14	68.5	1396	1561	3.721651	
3	2	14	79.5	1882		5.117912	
4	1	14	51.7			6.493923	
5	2	14	79.1	1641		7.949494	
6	2	14	71.2	1838		10.17943	
7	2	14	51.3	1889		11.193988	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	92	1401		0.67205	1
1	2	12	65.3	1938		1.495178	
2	2	12	71.2	1538		3.036007	
3	2	12	68.7	1934		4.41676	
4	1	12	61.4			5.139615	
5	2	12	84.5	1839		6.207574	
6	3	12	90.2	1947	1874	7.422719	
7	2	12	62.1	1099		8.805062	
8	2	12	81.2	1680		10.274248	
9	1	12	94.9			11.825442	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	91.2			0.34219	1
1	3	6	58.7	1792	1155	0.926488	
2	3	6	88	1210	1430	2.028102	
3	2	6	61.6	1676		2.729234	
4	2	6	97.5	1791		3.73536	
5	2	6	91.9	1768		3.825137	
6	2	6	94	1766		4.806053	
7	2	6	77.8	1666		5.529656	
8	2	6	96.3	1672		6.291334	
9	1	6	67			6.895406	
10	2	6	56.8	1272		8.2378	
11	2	6	82.2	1360		8.70497	
12	2	6	83.5	1890		9.319992	
13	2	6	55.6	1658		10.150466	
14	2	6	64	1500		11.071399	
15	2	6	87.6	1444		11.422772	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	13	67.2	1329	1529	0.609555	1
1	2	13	96.2	1326		0.784693	
2	2	13	98.8	1590		1.921906	
3	3	13	56.9	1738	1855	2.558535	
4	2	13	61.8	1762		3.252311	
5	2	13	71.6	1344		3.83724	
6	2	13	50.9	1512		4.713424	
7	3	13	86.1	1225	1079	5.018523	
8	2	13	65.1	1946		5.958457	
9	2	13	99.9	1253		6.422348	
10	3	13	87.9	1543	1909	7.328227	
11	2	13	52.1	1943		7.803374	
12	2	13	54.7	1852		9.096898	
13	3	13	75.6	1854	1868	9.348524	
14	1	13	50.9			9.933148	
15	3	13	82.2	1458	1795	11.149438	
16	1	13	69.6			11.523954	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	83.5	1441		0.157726	1
1	2	6	63.5	1626		1.598398	
2	1	6	93.4			2.031332	
3	2	6	59.4	1020		2.725293	
4	2	6	70.3	1668		4.041054	
5	3	6	89.1	1003	1841	5.106487	
6	2	6	98.9	1730		5.280975	
7	2	6	55.1	1627		6.570827	
8	1	6	96.5			7.453745	
9	1	6	87.4			8.524307	
10	3	6	65.5	1980	1191	9.159062	
11	1	6	67.3			9.73967	
12	3	6	90.7	1047	1674	10.610657	
13	2	6	95.5	1168		11.676474	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	66.3	1979		0.670326	1
1	2	13	70.8	1725		2.265432	
2	3	13	66.1	1842	1968	2.946626	
3	1	13	61.8			5.251978	
4	1	13	60			6.399568	
5	2	13	59.4	1661		7.150618	
6	3	13	50.9	1140	1038	8.453301	
7	2	13	80.9	1752		10.326888	
8	3	13	99.4	1830	1727	11.500454	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	10	74.7	1700		0.255316	1
1	2	10	87.2	1018		1.450958	
2	1	10	95.8			1.725902	
3	2	10	56	1089		2.743096	
4	1	10	65.2			3.311636	
5	2	10	97	1589		4.323872	
6	1	10	88.5			4.557097	
7	1	10	98.9			5.386059	
8	1	10	84.2			6.133125	
9	3	10	51.3	1151	1410	7.203847	
10	3	10	85.7	1414	1225	7.692812	
11	2	10	57.8	1980		8.791351	
12	2	10	78.2	1118		9.045804	
13	2	10	82.6	1330		10.017281	
14	2	10	92.4	1330		10.813273	
15	2	10	60.2	1738		11.753895	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	78.6			0.251498	1
1	2	6	71.6	1364		2.129079	
2	2	6	79	1251		2.539092	
3	1	6	68.5			3.429103	
4	1	6	91.1			4.585077	
5	1	6	75.9			5.782624	
6	3	6	61.6	1553	1221	6.977054	
7	2	6	80.3	1389		7.692138	
8	1	6	72			9.556512	
9	2	6	74.4	1284		10.66019	
10	2	6	78.6	1965		11.571235	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	80.1	1877		0.358323	1
1	2	8	97.7	1657		2.291638	
2	1	8	94.9			3.420589	
3	3	8	89	1271	1093	5.774848	
4	2	8	73.4	1039		7.183197	
5	1	8	80.6			7.890778	
6	2	8	82	1766		10.334557	
7	2	8	72.4	1143		10.870071	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	98.2	1913		0.10252	1
1	2	7	75	1260		1.082568	
2	1	7	99			2.156883	
3	1	7	59			3.226376	
4	1	7	77.6			4.192547	
5	3	7	61.8	1200	1763	4.974262	
6	2	7	61.5	1645		5.288866	
7	2	7	63.4	1491		6.02009	
8	2	7	76.1	1588		7.166227	
9	3	7	81.1	1378	1952	8.191824	
10	2	7	54.6	1421		8.8027	
11	1	7	70.9			9.599413	
12	2	7	92.8	1136		10.351836	
13	3	7	75.9	1718	1801	11.407092	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	65.2	1724		0.608297	
1	2	13	93	1218		0.929045	
2	2	13	63.3	1266		2.360005	
3	2	13	70.3	1452		2.709692	
4	1	13	72			3.62922	
5	3	13	72	1935	1389	4.039778	
6	2	13	51.7	1151		5.190618	
7	2	13	73.5	1012		5.737174	1
8	2	13	58.8	1603		6.533689	
9	2	13	97.3	1271		7.985447	
10	2	13	68.5	1346		8.685797	
11	2	13	58.2	1488		9.222361	
12	2	13	64.6	1241		9.698506	
13	3	13	52.7	1222	1625	11.100533	
14	1	13	61.6			11.502694	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	92.8	1919		0.15389	
1	2	12	65.3	1471		0.965612	
2	2	12	51.2	1211		1.775769	
3	2	12	64.4	1046		2.48967	
4	1	12	76.9			3.707894	
5	2	12	92.7	1256		4.750218	
6	2	12	93.6	1914		5.217552	
7	2	12	57.1	1592		5.902739	1
8	3	12	87.7	1105	1740	6.93843	
9	2	12	59.1	1614		7.330005	
10	3	12	68.5	1086	1355	8.334998	
11	1	12	71.5			9.309655	
12	3	12	97.9	1087	1996	9.67522	
13	3	12	66.5	1093	1997	10.676839	
14	1	12	78.3			11.875661	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	19	68			0.556372	1
1	2	19	88.1	1212		0.779608	
2	3	19	94.7	1457	1755	1.86773	
3	3	19	75.2	1175	1857	2.112972	
4	2	19	65.9	1734		2.730717	
5	2	19	61.9	1666		3.641524	
6	2	19	97.1	1483		4.193008	
7	2	19	67	1094		5.126019	
8	2	19	85.6	1178		5.341844	
9	3	19	78.6	1451	1207	6.08212	
10	2	19	59	1724		6.67173	
11	2	19	83.2	1300		7.79335	
12	2	19	95.8	1918		8.622264	
13	2	19	89.5	1473		9.014119	
14	1	19	68.9			9.898919	
15	2	19	69.3	1175		10.263236	
16	2	19	71.1	1919		10.949665	
17	1	19	80.7			11.976893	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	94.5	1466		0.011517	1
1	3	6	64.5	1597	1046	1.444164	
2	2	6	94.7	1607		2.193342	
3	3	6	92.7	1507	1813	2.801531	
4	2	6	76.8	1972		3.247508	
5	3	6	81.7	1191	1070	4.2995	
6	1	6	86			4.892157	
7	2	6	53.7	1735		5.79595	
8	3	6	68.3	1223	1808	6.998964	
9	2	6	84	1182		7.845755	
10	2	6	76.5	1391		8.476869	
11	3	6	91.7	1020	1153	8.841697	
12	1	6	62.3			9.714062	
13	3	6	52.7	1827	1132	10.74771	
14	3	6	56.4	1036	1506	11.703556	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	17	61.6	1378		0.650337	1
1	1	17	90.3			1.174019	
2	3	17	71.9	1023	1093	1.774181	
3	1	17	62.9			2.764515	
4	1	17	70.1			3.473213	
5	3	17	60.3	1528	1137	3.707264	
6	2	17	97	1818		4.251936	
7	2	17	63	1585		5.356932	
8	2	17	72.4	1373		6.002956	
9	2	17	76.3	1806		6.568218	
10	1	17	57.1			7.614494	
11	1	17	52.2			8.327078	
12	2	17	66.1	1095		8.601586	
13	2	17	62.8	1193		9.817352	
14	2	17	90.2	1168		10.134204	
15	3	17	94.4	1071	1203	10.63865	
16	1	17	51.3			11.358816	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	73.2			0.125876	1
1	2	12	79	1693		2.362988	
2	1	12	50.8			3.515794	
3	2	12	53.1	1603		4.282747	
4	3	12	68.5	1496	1126	5.948805	
5	2	12	96	1174		6.860217	
6	1	12	64.8			7.895791	
7	1	12	80.3			9.271039	
8	2	12	98.5	1643		10.103365	
9	3	12	82.4	1062	1774	11.527253	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	89.1	1123		0.563216	1
1	2	9	60.4	1537		0.917498	
2	1	9	85.3			1.921896	
3	2	9	91.3	1294		2.505504	
4	2	9	91.9	1032		3.284959	
5	2	9	62.6	1668		3.515278	
6	3	9	51	1587	1121	4.48003	
7	3	9	76.7	1947	1427	5.032561	
8	3	9	58.6	1714	1391	5.662867	
9	2	9	53.9	1011		6.447425	
10	3	9	72.8	1465	1923	6.697548	
11	2	9	84.4	1241		7.67645	
12	1	9	63.6			8.307379	
13	2	9	67.7	1355		9.055959	
14	2	9	81	1812		9.615797	
15	2	9	87.9	1455		10.536568	
16	1	9	89			11.236819	
17	3	9	64.3	1899	1685	11.349737	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	8	57.8	1750		0.38287	1
1	1	8	82.8			2.121347	
2	1	8	73.3			2.616126	
3	2	8	91.1	1363		3.772174	
4	2	8	80.9	1879		4.940923	
5	2	8	75.1	1050		7.166525	
6	3	8	92.9	1506	1769	8.057027	
7	1	8	65.3			9.417545	
8	2	8	97	1077		9.87358	
9	2	8	98.8	1081		10.819797	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	86.1	1209		0.009247	1
1	2	12	68.9	1412		1.084063	
2	2	12	93.6	1152		2.338745	
3	2	12	98.3	1176		3.406972	
4	3	12	66.4	1679	1258	4.1809	
5	2	12	90	1838		4.353572	
6	2	12	55.5	1449		5.482583	
7	1	12	98			6.213253	
8	2	12	81.4	1380		6.944057	
9	3	12	52.5	1521	1719	7.987762	
10	1	12	99.2			8.980246	
11	1	12	81.4			10.212212	
12	2	12	51.7	1912		10.545149	
13	3	12	85.4	1738	1300	11.550146	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	52.6	1170	1102	0.415795	1
1	2	8	50.5	1498		0.983705	
2	2	8	69	1207		2.190757	
3	3	8	72.8	1217	1631	3.046465	
4	3	8	92.1	1954	1461	3.861117	
5	1	8	56.7			4.758316	
6	1	8	60.5			5.64111	
7	3	8	56.2	1047	1398	6.017782	
8	2	8	95.4	1934		7.001985	
9	1	8	83.3			8.100837	
10	3	8	54.9	1099	1266	9.171746	
11	2	8	99.6	1177		9.971448	
12	2	8	52.3	1553		10.713427	
13	2	8	61.5	1646		11.384515	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	65.8	1199		0.108431	
1	2	11	79	1948		1.23199	
2	1	11	89.2			1.898319	
3	2	11	75.7	1881		2.199273	
4	2	11	56.5	1934		3.386499	
5	2	11	67.2	1727		3.85341	
6	2	11	88.5	1672		4.466522	
7	3	11	97.1	1328	1184	5.605329	
8	1	11	70.3			6.086823	1
9	2	11	97.2	1736		6.706967	
10	1	11	65.9			7.597468	
11	2	11	88.6	1797		7.79897	
12	2	11	69.8	1967		8.951101	
13	1	11	66.5			9.554382	
14	1	11	51.9			9.927927	
15	2	11	96.6	1500		10.729969	
16	2	11	83.7	1148		11.803487	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	13	83.3			0.051317	
1	3	13	54.8	1736	1262	0.746173	
2	2	13	88.2	1675		2.038951	
3	3	13	70.8	1498	1291	2.631281	
4	1	13	68.8			3.164833	
5	2	13	92.7	1640		4.033632	
6	1	13	55.1			4.608428	
7	2	13	77.3	1924		5.549809	
8	2	13	98.9	1588		5.982971	1
9	3	13	73.2	1867	1475	6.748749	
10	2	13	72.8	1089		7.753674	
11	2	13	58.3	1868		7.842778	
12	2	13	57.3	1449		8.572686	
13	2	13	77	1444		9.250058	
14	3	13	57.4	1403	1631	10.354239	
15	1	13	78.8			10.942799	
16	3	13	86.7	1218	1642	11.893253	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	94.5	1021	1073	0.70729	1
1	2	20	61.2	1532		1.272617	
2	3	20	96.5	1966	1022	2.39765	
3	1	20	76.3			3.423527	
4	3	20	66.3	1506	1600	3.65294	
5	2	20	71.5	1772		4.562017	
6	1	20	60.7			5.32329	
7	2	20	59.1	1960		6.488257	
8	2	20	69.5	1744		7.699627	
9	3	20	67.3	1924	1722	8.529321	
10	2	20	96.3	1678		9.118213	
11	2	20	87.3	1146		9.573146	
12	1	20	88.1			10.899027	
13	3	20	77.9	1908	1875	11.9722	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	10	59.3			0.399489	1
1	3	10	81.4	1271	1177	1.558398	
2	3	10	81.9	1460	1433	2.556726	
3	2	10	84.3	1845		2.770895	
4	1	10	55.4			3.802486	
5	2	10	61.4	1583		4.691863	
6	3	10	59.3	1885	1982	6.172869	
7	2	10	64.2	1451		6.766078	
8	2	10	53.1	1854		7.977068	
9	1	10	98.3			8.533933	
10	1	10	94.2			10.075782	
11	3	10	67.2	1770	1637	10.335303	
12	2	10	53.3	1840		11.373769	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	5	74.9	1515		0.451389	
1	1	5	87.2			1.325409	
2	2	5	73.6	1832		2.313079	
3	2	5	78.9	1742		2.761741	
4	2	5	79	1273		3.979467	
5	2	5	88.7	1423		4.649364	
6	2	5	82.7	1993		5.42281	
7	2	5	64.1	1977		6.059883	1
8	2	5	83.3	1409		6.669525	
9	3	5	99.7	1680	1890	7.439858	
10	2	5	86.3	1268		8.562763	
11	1	5	84.1			8.898218	
12	1	5	83.1			9.969117	
13	2	5	65.8	1007		10.590792	
14	1	5	66.5			11.826318	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	6	53.1	1278		0.562406	
1	1	6	72.8			0.921054	
2	1	6	72.2			1.611429	
3	3	6	70.6	1388	1151	2.486532	
4	2	6	96	1361		2.895129	
5	1	6	68.3			3.645646	
6	1	6	78.8			4.216672	
7	3	6	62.9	1052	1629	4.534792	
8	3	6	66.9	1113	1084	5.449642	
9	2	6	76.3	1991		5.746456	1
10	3	6	59.8	1592	1805	6.551826	
11	2	6	90.5	1171		7.539464	
12	2	6	83.1	1921		7.680343	
13	2	6	93.8	1410		8.300905	
14	2	6	52.3	1794		8.920004	
15	3	6	87.2	1586	1990	9.486028	
16	3	6	88.1	1655	1376	10.703857	
17	2	6	75.2	1297		11.000011	
18	2	6	87	1613		11.772337	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	19	93.6	1178	1940	0.258697	1
1	2	19	69.4	1916		1.12189	
2	1	19	98.7			1.664594	
3	1	19	52.1			2.28811	
4	2	19	86.3	1001		2.709968	
5	2	19	56.4	1458		3.670474	
6	2	19	76.7	1914		3.800017	
7	2	19	71.6	1201		4.716364	
8	3	19	67.2	1696	1080	5.108497	
9	2	19	65.6	1993		6.246874	
10	3	19	85.8	1378	1146	6.924445	
11	1	19	73.7			7.243684	
12	1	19	62.9			7.860771	
13	2	19	79.8	1139		8.504665	
14	2	19	68	1532		8.879105	
15	2	19	56.1	1106		9.68551	
16	1	19	58.7			10.137122	
17	2	19	63.6	1767		10.994239	
18	1	19	79.6			11.767435	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5530	9	1	333	1	5696.0, 5435.0, 5325.0, 5490.0, 5638.0, 5503.0, 5543.0, 5579.0, 5640.0, 5328.0, 5484.0, 5400.0, 5363.0, 5589.0, 5688.0, 5451.0, 5381.0, 5517.0, 5516.0, 5695.0, 5430.0, 5283.0, 5712.0, 5367.0, 5513.0, 5568.0, 5485.0, 5390.0, 5644.0, 5672.0, 5576.0, 5709.0, 5722.0, 5565.0, 5660.0, 5296.0, 5308.0, 5383.0, 5403.0, 5575.0, 5448.0, 5465.0, 5535.0, 5368.0, 5534.0, 5510.0, 5656.0, 5298.0, 5494.0, 5507.0, 5547.0, 5459.0, 5268.0, 5624.0, 5500.0, 5609.0, 5719.0, 5305.0, 5393.0, 5402.0, 5344.0, 5680.0, 5396.0, 5284.0, 5389.0, 5539.0, 5716.0, 5256.0, 5587.0, 5476.0, 5679.0, 5409.0, 5405.0, 5523.0, 5417.0, 5611.0, 5705.0, 5596.0, 5552.0, 5505.0, 5355.0, 5337.0, 5307.0, 5440.0, 5669.0, 5336.0, 5407.0, 5454.0, 5346.0, 5724.0, 5675.0, 5541.0, 5290.0, 5473.0, 5617.0, 5327.0, 5649.0, 5528.0, 5364.0, 5458.0 (number of hits: 19)
2	5530	9	1	333	1	5539.0, 5404.0, 5383.0, 5598.0, 5673.0, 5578.0, 5411.0, 5610.0, 5415.0, 5294.0, 5640.0, 5345.0, 5481.0, 5663.0, 5662.0, 5380.0, 5338.0, 5308.0, 5311.0, 5297.0, 5695.0, 5601.0, 5335.0, 5517.0, 5666.0, 5587.0, 5276.0, 5443.0, 5683.0, 5573.0, 5327.0, 5566.0, 5351.0, 5536.0, 5306.0, 5458.0, 5371.0, 5498.0, 5477.0, 5594.0, 5281.0, 5256.0, 5616.0, 5582.0, 5529.0, 5445.0, 5317.0, 5523.0, 5483.0, 5485.0, 5702.0, 5696.0, 5496.0, 5440.0, 5497.0, 5509.0, 5502.0, 5321.0, 5553.0, 5417.0, 5292.0, 5519.0, 5637.0, 5403.0, 5661.0, 5274.0, 5446.0, 5542.0, 5330.0, 5712.0, 5527.0, 5619.0, 5293.0, 5720.0, 5283.0, 5674.0, 5569.0, 5343.0, 5284.0, 5722.0, 5423.0, 5494.0, 5545.0, 5555.0, 5373.0, 5310.0, 5651.0, 5714.0, 5389.0, 5357.0, 5342.0, 5395.0, 5484.0, 5450.0, 5693.0, 5635.0, 5429.0, 5407.0, 5512.0, 5332.0 (number of hits: 19)
3	5530	9	1	333	1	5386.0, 5446.0, 5540.0, 5665.0, 5612.0, 5596.0, 5715.0, 5699.0, 5315.0, 5297.0, 5651.0, 5525.0, 5292.0, 5309.0, 5517.0, 5371.0, 5454.0, 5551.0, 5649.0, 5558.0, 5294.0, 5556.0, 5657.0, 5345.0, 5419.0, 5636.0, 5380.0, 5251.0, 5591.0, 5667.0, 5637.0, 5372.0, 5595.0, 5450.0, 5668.0, 5358.0, 5382.0, 5377.0, 5679.0, 5650.0, 5535.0, 5575.0, 5538.0, 5560.0, 5431.0, 5433.0, 5520.0, 5286.0, 5420.0, 5670.0, 5716.0, 5400.0, 5581.0, 5310.0, 5306.0, 5614.0, 5630.0, 5369.0, 5427.0, 5513.0,

						5669.0, 5652.0, 5325.0, 5720.0, 5458.0, 5500.0, 5610.0, 5631.0, 5541.0, 5492.0, 5608.0, 5276.0, 5304.0, 5451.0, 5678.0, 5503.0, 5255.0, 5544.0, 5573.0, 5691.0, 5344.0, 5710.0, 5684.0, 5366.0, 5624.0, 5552.0, 5526.0, 5378.0, 5258.0, 5491.0, 5343.0, 5460.0, 5356.0, 5408.0, 5532.0, 5680.0, 5561.0, 5644.0, 5293.0, 5487.0 (number of hits: 20)
4	5530	9	1	333	1	5612.0, 5450.0, 5288.0, 5406.0, 5518.0, 5281.0, 5537.0, 5391.0, 5262.0, 5717.0, 5550.0, 5260.0, 5676.0, 5532.0, 5293.0, 5529.0, 5511.0, 5292.0, 5279.0, 5367.0, 5651.0, 5547.0, 5531.0, 5334.0, 5682.0, 5621.0, 5289.0, 5423.0, 5577.0, 5610.0, 5592.0, 5520.0, 5675.0, 5415.0, 5604.0, 5426.0, 5528.0, 5578.0, 5411.0, 5694.0, 5687.0, 5363.0, 5484.0, 5309.0, 5464.0, 5497.0, 5659.0, 5470.0, 5658.0, 5601.0, 5626.0, 5286.0, 5546.0, 5608.0, 5332.0, 5670.0, 5708.0, 5666.0, 5320.0, 5559.0, 5256.0, 5568.0, 5277.0, 5514.0, 5471.0, 5574.0, 5405.0, 5307.0, 5257.0, 5536.0, 5446.0, 5693.0, 5689.0, 5572.0, 5629.0, 5434.0, 5272.0, 5358.0, 5623.0, 5421.0, 5707.0, 5719.0, 5437.0, 5647.0, 5718.0, 5397.0, 5631.0, 5419.0, 5424.0, 5400.0, 5690.0, 5435.0, 5615.0, 5440.0, 5692.0, 5504.0, 5695.0, 5335.0, 5301.0, 5362.0 (number of hits: 16)
5	5530	9	1	333	1	5559.0, 5307.0, 5381.0, 5487.0, 5663.0, 5388.0, 5448.0, 5564.0, 5570.0, 5662.0, 5423.0, 5453.0, 5516.0, 5640.0, 5596.0, 5493.0, 5670.0, 5466.0, 5373.0, 5337.0, 5507.0, 5555.0, 5610.0, 5382.0, 5658.0, 5263.0, 5681.0, 5709.0, 5617.0, 5295.0, 5340.0, 5276.0, 5603.0, 5404.0, 5352.0, 5359.0, 5393.0, 5391.0, 5304.0, 5293.0, 5557.0, 5358.0, 5379.0, 5643.0, 5302.0, 5464.0, 5326.0, 5514.0, 5705.0, 5491.0, 5369.0, 5545.0, 5501.0, 5496.0, 5445.0, 5597.0, 5482.0, 5478.0, 5543.0, 5688.0, 5506.0, 5353.0, 5657.0, 5623.0, 5376.0, 5675.0, 5586.0, 5290.0, 5576.0, 5585.0, 5625.0, 5282.0, 5648.0, 5484.0, 5299.0, 5261.0, 5614.0, 5581.0, 5591.0, 5389.0, 5426.0, 5262.0, 5472.0, 5347.0, 5345.0, 5386.0, 5704.0, 5321.0, 5631.0, 5433.0, 5284.0, 5645.0, 5457.0, 5699.0, 5604.0, 5683.0, 5395.0, 5535.0, 5314.0, 5723.0 (number of hits: 14)
6	5530	9	1	333	1	5340.0, 5639.0, 5402.0, 5287.0, 5302.0, 5392.0, 5603.0, 5720.0, 5262.0, 5451.0, 5482.0, 5658.0, 5518.0, 5301.0, 5654.0, 5347.0, 5427.0, 5601.0, 5637.0, 5608.0, 5397.0, 5533.0, 5457.0, 5696.0, 5588.0, 5272.0, 5643.0, 5627.0, 5512.0, 5677.0, 5595.0, 5435.0, 5534.0, 5604.0, 5582.0, 5490.0, 5366.0, 5578.0, 5411.0, 5419.0, 5566.0, 5523.0, 5559.0, 5629.0, 5440.0,

						5625.0, 5378.0, 5319.0, 5432.0, 5335.0, 5357.0, 5305.0, 5508.0, 5257.0, 5313.0, 5671.0, 5530.0, 5575.0, 5723.0, 5703.0, 5502.0, 5501.0, 5270.0, 5293.0, 5553.0, 5467.0, 5555.0, 5400.0, 5320.0, 5567.0, 5572.0, 5403.0, 5311.0, 5471.0, 5358.0, 5409.0, 5617.0, 5683.0, 5659.0, 5424.0, 5298.0, 5255.0, 5349.0, 5663.0, 5475.0, 5660.0, 5325.0, 5463.0, 5517.0, 5394.0, 5408.0, 5513.0, 5359.0, 5404.0, 5286.0, 5423.0, 5360.0, 5260.0, 5299.0, 5584.0 (number of hits: 16)
7	5530	9	1	333	1	5549.0, 5585.0, 5665.0, 5264.0, 5567.0, 5586.0, 5336.0, 5439.0, 5646.0, 5375.0, 5591.0, 5544.0, 5381.0, 5403.0, 5448.0, 5492.0, 5626.0, 5693.0, 5410.0, 5348.0, 5612.0, 5337.0, 5467.0, 5687.0, 5469.0, 5682.0, 5360.0, 5566.0, 5274.0, 5454.0, 5450.0, 5350.0, 5396.0, 5598.0, 5258.0, 5705.0, 5316.0, 5516.0, 5414.0, 5628.0, 5714.0, 5416.0, 5389.0, 5257.0, 5542.0, 5405.0, 5696.0, 5411.0, 5706.0, 5263.0, 5494.0, 5661.0, 5356.0, 5474.0, 5273.0, 5692.0, 5533.0, 5326.0, 5285.0, 5357.0, 5517.0, 5387.0, 5251.0, 5301.0, 5529.0, 5265.0, 5619.0, 5435.0, 5662.0, 5655.0, 5482.0, 5717.0, 5572.0, 5399.0, 5681.0, 5539.0, 5287.0, 5528.0, 5310.0, 5536.0, 5711.0, 5362.0, 5304.0, 5418.0, 5393.0, 5509.0, 5562.0, 5472.0, 5608.0, 5293.0, 5311.0, 5614.0, 5386.0, 5707.0, 5660.0, 5648.0, 5391.0, 5252.0, 5523.0, 5417.0 (number of hits: 17)
8	5530	9	1	333	1	5365.0, 5599.0, 5528.0, 5686.0, 5453.0, 5434.0, 5299.0, 5690.0, 5360.0, 5658.0, 5585.0, 5636.0, 5595.0, 5559.0, 5643.0, 5306.0, 5486.0, 5692.0, 5696.0, 5544.0, 5506.0, 5263.0, 5660.0, 5418.0, 5346.0, 5689.0, 5295.0, 5326.0, 5702.0, 5681.0, 5688.0, 5675.0, 5451.0, 5631.0, 5539.0, 5516.0, 5428.0, 5309.0, 5637.0, 5571.0, 5531.0, 5276.0, 5639.0, 5448.0, 5712.0, 5577.0, 5576.0, 5618.0, 5616.0, 5285.0, 5316.0, 5296.0, 5297.0, 5312.0, 5517.0, 5701.0, 5505.0, 5657.0, 5622.0, 5598.0, 5652.0, 5656.0, 5336.0, 5542.0, 5555.0, 5277.0, 5351.0, 5437.0, 5302.0, 5413.0, 5278.0, 5707.0, 5443.0, 5292.0, 5607.0, 5402.0, 5615.0, 5395.0, 5447.0, 5378.0, 5586.0, 5410.0, 5282.0, 5663.0, 5421.0, 5561.0, 5568.0, 5323.0, 5273.0, 5482.0, 5293.0, 5455.0, 5624.0, 5349.0, 5288.0, 5477.0, 5429.0, 5361.0, 5393.0, 5463.0 (number of hits: 12)
9	5530	9	1	333	1	5616.0, 5675.0, 5401.0, 5363.0, 5342.0, 5710.0, 5376.0, 5370.0, 5652.0, 5349.0, 5259.0, 5334.0, 5638.0, 5454.0, 5694.0, 5536.0, 5301.0, 5507.0, 5383.0, 5317.0, 5388.0, 5656.0, 5260.0, 5326.0, 5661.0, 5604.0, 5591.0, 5339.0, 5482.0, 5512.0,

						5316.0, 5371.0, 5695.0, 5711.0, 5618.0, 5713.0, 5602.0, 5703.0, 5398.0, 5441.0, 5574.0, 5492.0, 5704.0, 5714.0, 5321.0, 5437.0, 5453.0, 5577.0, 5556.0, 5567.0, 5636.0, 5573.0, 5605.0, 5654.0, 5565.0, 5528.0, 5669.0, 5662.0, 5446.0, 5447.0, 5299.0, 5464.0, 5525.0, 5392.0, 5337.0, 5411.0, 5263.0, 5505.0, 5432.0, 5396.0, 5408.0, 5416.0, 5600.0, 5697.0, 5718.0, 5479.0, 5717.0, 5688.0, 5415.0, 5530.0, 5305.0, 5632.0, 5637.0, 5452.0, 5374.0, 5549.0, 5721.0, 5588.0, 5489.0, 5592.0, 5346.0, 5439.0, 5709.0, 5472.0, 5402.0, 5322.0, 5640.0, 5315.0, 5425.0, 5685.0 (number of hits: 12)
10	5530	9	1	333	1	5327.0, 5418.0, 5516.0, 5448.0, 5709.0, 5473.0, 5430.0, 5263.0, 5638.0, 5533.0, 5482.0, 5412.0, 5659.0, 5719.0, 5712.0, 5583.0, 5600.0, 5274.0, 5256.0, 5677.0, 5317.0, 5623.0, 5494.0, 5560.0, 5339.0, 5420.0, 5283.0, 5534.0, 5548.0, 5474.0, 5716.0, 5501.0, 5309.0, 5640.0, 5617.0, 5355.0, 5567.0, 5483.0, 5265.0, 5571.0, 5364.0, 5254.0, 5707.0, 5378.0, 5460.0, 5679.0, 5530.0, 5721.0, 5524.0, 5465.0, 5466.0, 5589.0, 5699.0, 5573.0, 5408.0, 5492.0, 5565.0, 5371.0, 5704.0, 5650.0, 5711.0, 5311.0, 5523.0, 5299.0, 5552.0, 5262.0, 5670.0, 5627.0, 5352.0, 5630.0, 5434.0, 5315.0, 5511.0, 5695.0, 5671.0, 5471.0, 5509.0, 5487.0, 5556.0, 5446.0, 5331.0, 5676.0, 5651.0, 5543.0, 5278.0, 5401.0, 5590.0, 5619.0, 5295.0, 5279.0, 5353.0, 5475.0, 5340.0, 5692.0, 5450.0, 5522.0, 5538.0, 5356.0, 5439.0, 5469.0 (number of hits: 20)
11	5530	9	1	333	1	5722.0, 5605.0, 5598.0, 5501.0, 5691.0, 5709.0, 5284.0, 5459.0, 5278.0, 5505.0, 5399.0, 5464.0, 5627.0, 5616.0, 5362.0, 5365.0, 5572.0, 5282.0, 5317.0, 5583.0, 5673.0, 5559.0, 5551.0, 5668.0, 5253.0, 5626.0, 5257.0, 5530.0, 5440.0, 5526.0, 5545.0, 5415.0, 5553.0, 5343.0, 5512.0, 5523.0, 5394.0, 5562.0, 5695.0, 5591.0, 5575.0, 5251.0, 5272.0, 5564.0, 5540.0, 5479.0, 5690.0, 5719.0, 5444.0, 5294.0, 5338.0, 5543.0, 5677.0, 5372.0, 5506.0, 5405.0, 5419.0, 5262.0, 5517.0, 5549.0, 5519.0, 5502.0, 5584.0, 5455.0, 5641.0, 5644.0, 5449.0, 5266.0, 5716.0, 5498.0, 5482.0, 5418.0, 5623.0, 5367.0, 5662.0, 5333.0, 5527.0, 5390.0, 5699.0, 5436.0, 5496.0, 5426.0, 5445.0, 5265.0, 5704.0, 5554.0, 5682.0, 5433.0, 5314.0, 5712.0, 5301.0, 5574.0, 5313.0, 5724.0, 5483.0, 5409.0, 5697.0, 5504.0, 5681.0, 5451.0 (number of hits: 24)
12	5530	9	1	333	1	5277.0, 5426.0, 5329.0, 5540.0, 5643.0, 5666.0, 5325.0, 5722.0, 5723.0, 5629.0, 5682.0, 5288.0, 5624.0, 5574.0, 5465.0,

						5289.0, 5275.0, 5594.0, 5364.0, 5470.0, 5396.0, 5473.0, 5562.0, 5491.0, 5504.0, 5700.0, 5442.0, 5351.0, 5536.0, 5495.0, 5439.0, 5621.0, 5425.0, 5541.0, 5378.0, 5678.0, 5311.0, 5259.0, 5558.0, 5593.0, 5598.0, 5430.0, 5287.0, 5455.0, 5375.0, 5268.0, 5416.0, 5608.0, 5410.0, 5295.0, 5306.0, 5400.0, 5577.0, 5328.0, 5294.0, 5565.0, 5332.0, 5662.0, 5718.0, 5649.0, 5657.0, 5427.0, 5323.0, 5285.0, 5372.0, 5692.0, 5534.0, 5255.0, 5604.0, 5266.0, 5476.0, 5257.0, 5270.0, 5500.0, 5286.0, 5440.0, 5352.0, 5671.0, 5511.0, 5522.0, 5523.0, 5272.0, 5432.0, 5575.0, 5477.0, 5356.0, 5539.0, 5300.0, 5622.0, 5681.0, 5707.0, 5326.0, 5313.0, 5338.0, 5340.0, 5382.0, 5532.0, 5437.0, 5385.0, 5485.0 (number of hits: 15)
13	5530	9	1	333	1	5317.0, 5647.0, 5266.0, 5533.0, 5348.0, 5608.0, 5375.0, 5460.0, 5575.0, 5546.0, 5700.0, 5497.0, 5649.0, 5451.0, 5393.0, 5260.0, 5512.0, 5411.0, 5507.0, 5459.0, 5473.0, 5714.0, 5406.0, 5704.0, 5286.0, 5334.0, 5702.0, 5325.0, 5470.0, 5395.0, 5298.0, 5358.0, 5397.0, 5427.0, 5707.0, 5271.0, 5333.0, 5426.0, 5288.0, 5429.0, 5718.0, 5412.0, 5595.0, 5425.0, 5528.0, 5490.0, 5622.0, 5420.0, 5510.0, 5258.0, 5449.0, 5560.0, 5681.0, 5631.0, 5467.0, 5263.0, 5610.0, 5680.0, 5633.0, 5696.0, 5367.0, 5568.0, 5430.0, 5391.0, 5362.0, 5513.0, 5461.0, 5457.0, 5699.0, 5580.0, 5405.0, 5270.0, 5670.0, 5307.0, 5615.0, 5710.0, 5337.0, 5323.0, 5705.0, 5484.0, 5315.0, 5418.0, 5547.0, 5577.0, 5445.0, 5648.0, 5338.0, 5279.0, 5521.0, 5646.0, 5697.0, 5349.0, 5662.0, 5398.0, 5465.0, 5644.0, 5351.0, 5621.0, 5261.0, 5487.0 (number of hits: 11)
14	5530	9	1	333	1	5412.0, 5479.0, 5396.0, 5689.0, 5347.0, 5645.0, 5592.0, 5682.0, 5416.0, 5462.0, 5468.0, 5421.0, 5379.0, 5402.0, 5533.0, 5334.0, 5568.0, 5633.0, 5310.0, 5575.0, 5448.0, 5337.0, 5270.0, 5252.0, 5601.0, 5513.0, 5378.0, 5346.0, 5526.0, 5457.0, 5558.0, 5257.0, 5579.0, 5306.0, 5545.0, 5331.0, 5583.0, 5544.0, 5330.0, 5553.0, 5430.0, 5353.0, 5586.0, 5654.0, 5275.0, 5547.0, 5641.0, 5669.0, 5713.0, 5607.0, 5501.0, 5512.0, 5288.0, 5469.0, 5541.0, 5573.0, 5598.0, 5699.0, 5446.0, 5386.0, 5631.0, 5620.0, 5615.0, 5698.0, 5651.0, 5422.0, 5403.0, 5404.0, 5576.0, 5312.0, 5578.0, 5706.0, 5470.0, 5280.0, 5703.0, 5594.0, 5499.0, 5683.0, 5474.0, 5724.0, 5356.0, 5589.0, 5358.0, 5716.0, 5518.0, 5367.0, 5389.0, 5694.0, 5574.0, 5684.0, 5657.0, 5318.0, 5449.0, 5707.0, 5447.0, 5360.0, 5355.0, 5338.0, 5531.0, 5332.0 (number of hits: 14)

15	5530	9	1	333	1	5608.0, 5360.0, 5617.0, 5337.0, 5659.0, 5553.0, 5419.0, 5351.0, 5678.0, 5478.0, 5637.0, 5583.0, 5702.0, 5539.0, 5420.0, 5289.0, 5691.0, 5663.0, 5619.0, 5575.0, 5542.0, 5682.0, 5428.0, 5607.0, 5561.0, 5461.0, 5548.0, 5718.0, 5724.0, 5262.0, 5631.0, 5712.0, 5612.0, 5601.0, 5433.0, 5481.0, 5444.0, 5381.0, 5329.0, 5326.0, 5298.0, 5706.0, 5331.0, 5517.0, 5447.0, 5640.0, 5290.0, 5625.0, 5652.0, 5398.0, 5587.0, 5271.0, 5432.0, 5540.0, 5491.0, 5496.0, 5626.0, 5480.0, 5713.0, 5639.0, 5622.0, 5568.0, 5530.0, 5560.0, 5611.0, 5254.0, 5309.0, 5268.0, 5708.0, 5578.0, 5486.0, 5374.0, 5264.0, 5362.0, 5256.0, 5468.0, 5662.0, 5501.0, 5586.0, 5506.0, 5311.0, 5589.0, 5541.0, 5450.0, 5332.0, 5509.0, 5415.0, 5263.0, 5470.0, 5674.0, 5476.0, 5645.0, 5665.0, 5383.0, 5672.0, 5357.0, 5346.0, 5320.0, 5345.0, 5347.0 (number of hits: 14)
16	5530	9	1	333	1	5550.0, 5524.0, 5547.0, 5270.0, 5410.0, 5462.0, 5684.0, 5388.0, 5392.0, 5673.0, 5318.0, 5489.0, 5353.0, 5492.0, 5357.0, 5473.0, 5379.0, 5367.0, 5713.0, 5362.0, 5490.0, 5540.0, 5428.0, 5536.0, 5476.0, 5579.0, 5403.0, 5700.0, 5348.0, 5497.0, 5487.0, 5698.0, 5398.0, 5723.0, 5332.0, 5305.0, 5472.0, 5603.0, 5710.0, 5722.0, 5600.0, 5432.0, 5544.0, 5409.0, 5450.0, 5483.0, 5447.0, 5702.0, 5508.0, 5444.0, 5581.0, 5283.0, 5355.0, 5584.0, 5390.0, 5526.0, 5341.0, 5709.0, 5687.0, 5685.0, 5342.0, 5562.0, 5668.0, 5704.0, 5645.0, 5651.0, 5610.0, 5260.0, 5345.0, 5574.0, 5557.0, 5591.0, 5639.0, 5343.0, 5586.0, 5281.0, 5530.0, 5588.0, 5485.0, 5670.0, 5304.0, 5500.0, 5712.0, 5570.0, 5615.0, 5647.0, 5686.0, 5253.0, 5679.0, 5299.0, 5312.0, 5635.0, 5377.0, 5637.0, 5369.0, 5360.0, 5719.0, 5592.0, 5555.0, 5471.0 (number of hits: 15)
17	5530	9	1	333	1	5707.0, 5366.0, 5573.0, 5408.0, 5286.0, 5284.0, 5392.0, 5365.0, 5360.0, 5313.0, 5489.0, 5355.0, 5632.0, 5544.0, 5304.0, 5684.0, 5521.0, 5606.0, 5268.0, 5678.0, 5375.0, 5309.0, 5630.0, 5605.0, 5440.0, 5389.0, 5483.0, 5610.0, 5713.0, 5390.0, 5640.0, 5523.0, 5609.0, 5300.0, 5495.0, 5285.0, 5458.0, 5612.0, 5650.0, 5616.0, 5407.0, 5351.0, 5373.0, 5543.0, 5653.0, 5371.0, 5461.0, 5553.0, 5491.0, 5514.0, 5481.0, 5287.0, 5474.0, 5492.0, 5509.0, 5711.0, 5690.0, 5614.0, 5709.0, 5499.0, 5378.0, 5432.0, 5527.0, 5511.0, 5294.0, 5480.0, 5263.0, 5368.0, 5717.0, 5518.0, 5513.0, 5468.0, 5520.0, 5487.0, 5501.0, 5283.0, 5334.0, 5702.0, 5686.0, 5592.0, 5455.0, 5416.0, 5683.0, 5377.0, 5635.0, 5486.0, 5607.0, 5295.0, 5578.0, 5701.0,

						5343.0, 5452.0, 5307.0, 5395.0, 5586.0, 5380.0, 5400.0, 5563.0, 5335.0, 5475.0 (number of hits: 17)
18	5530	9	1	333	1	5423.0, 5363.0, 5432.0, 5692.0, 5464.0, 5373.0, 5554.0, 5251.0, 5620.0, 5499.0, 5275.0, 5573.0, 5593.0, 5713.0, 5715.0, 5563.0, 5259.0, 5628.0, 5508.0, 5509.0, 5406.0, 5306.0, 5566.0, 5680.0, 5486.0, 5271.0, 5366.0, 5254.0, 5481.0, 5446.0, 5532.0, 5347.0, 5527.0, 5658.0, 5624.0, 5709.0, 5371.0, 5393.0, 5683.0, 5564.0, 5280.0, 5255.0, 5720.0, 5359.0, 5307.0, 5390.0, 5666.0, 5677.0, 5635.0, 5458.0, 5584.0, 5621.0, 5617.0, 5310.0, 5619.0, 5636.0, 5424.0, 5690.0, 5250.0, 5465.0, 5283.0, 5581.0, 5716.0, 5689.0, 5696.0, 5528.0, 5276.0, 5346.0, 5642.0, 5316.0, 5631.0, 5312.0, 5384.0, 5442.0, 5415.0, 5381.0, 5302.0, 5555.0, 5717.0, 5301.0, 5557.0, 5383.0, 5503.0, 5321.0, 5416.0, 5317.0, 5491.0, 5401.0, 5698.0, 5447.0, 5460.0, 5580.0, 5623.0, 5404.0, 5319.0, 5601.0, 5675.0, 5603.0, 5533.0, 5614.0 (number of hits: 14)
19	5530	9	1	333	1	5705.0, 5620.0, 5399.0, 5287.0, 5571.0, 5461.0, 5442.0, 5527.0, 5254.0, 5707.0, 5623.0, 5460.0, 5638.0, 5572.0, 5484.0, 5627.0, 5337.0, 5565.0, 5265.0, 5297.0, 5639.0, 5310.0, 5393.0, 5490.0, 5381.0, 5332.0, 5577.0, 5330.0, 5428.0, 5560.0, 5425.0, 5555.0, 5408.0, 5350.0, 5276.0, 5567.0, 5674.0, 5354.0, 5351.0, 5518.0, 5595.0, 5546.0, 5711.0, 5438.0, 5694.0, 5329.0, 5468.0, 5446.0, 5523.0, 5266.0, 5296.0, 5294.0, 5398.0, 5609.0, 5357.0, 5400.0, 5301.0, 5353.0, 5375.0, 5608.0, 5535.0, 5590.0, 5420.0, 5580.0, 5411.0, 5370.0, 5688.0, 5632.0, 5554.0, 5698.0, 5382.0, 5256.0, 5618.0, 5444.0, 5270.0, 5395.0, 5459.0, 5699.0, 5597.0, 5377.0, 5702.0, 5269.0, 5273.0, 5379.0, 5605.0, 5340.0, 5325.0, 5307.0, 5616.0, 5349.0, 5313.0, 5440.0, 5563.0, 5389.0, 5717.0, 5472.0, 5386.0, 5366.0, 5575.0, 5628.0 (number of hits: 11)
20	5530	9	1	333	1	5580.0, 5558.0, 5470.0, 5466.0, 5410.0, 5685.0, 5600.0, 5706.0, 5536.0, 5347.0, 5287.0, 5472.0, 5434.0, 5358.0, 5677.0, 5681.0, 5556.0, 5564.0, 5346.0, 5475.0, 5343.0, 5429.0, 5461.0, 5704.0, 5515.0, 5526.0, 5430.0, 5501.0, 5256.0, 5508.0, 5285.0, 5356.0, 5315.0, 5622.0, 5292.0, 5504.0, 5427.0, 5568.0, 5518.0, 5463.0, 5690.0, 5551.0, 5552.0, 5509.0, 5295.0, 5408.0, 5669.0, 5640.0, 5608.0, 5634.0, 5670.0, 5337.0, 5671.0, 5334.0, 5631.0, 5278.0, 5422.0, 5483.0, 5585.0, 5336.0, 5431.0, 5328.0, 5370.0, 5535.0, 5469.0, 5511.0, 5283.0, 5457.0, 5313.0, 5680.0, 5268.0, 5632.0, 5581.0, 5367.0, 5403.0,

						5701.0, 5381.0, 5502.0, 5456.0, 5538.0, 5495.0, 5615.0, 5488.0, 5384.0, 5561.0, 5309.0, 5266.0, 5404.0, 5583.0, 5361.0, 5614.0, 5305.0, 5311.0, 5284.0, 5617.0, 5451.0, 5554.0, 5382.0, 5708.0, 5700.0 (number of hits: 20)
21	5530	9	1	333	1	5696.0, 5434.0, 5535.0, 5536.0, 5558.0, 5325.0, 5466.0, 5722.0, 5278.0, 5656.0, 5311.0, 5703.0, 5277.0, 5264.0, 5559.0, 5381.0, 5630.0, 5410.0, 5397.0, 5575.0, 5351.0, 5301.0, 5562.0, 5338.0, 5589.0, 5692.0, 5491.0, 5342.0, 5388.0, 5587.0, 5489.0, 5530.0, 5281.0, 5550.0, 5693.0, 5679.0, 5684.0, 5676.0, 5447.0, 5467.0, 5601.0, 5715.0, 5545.0, 5553.0, 5624.0, 5366.0, 5516.0, 5446.0, 5275.0, 5664.0, 5297.0, 5484.0, 5257.0, 5354.0, 5538.0, 5431.0, 5625.0, 5358.0, 5471.0, 5546.0, 5507.0, 5443.0, 5266.0, 5687.0, 5709.0, 5648.0, 5340.0, 5621.0, 5448.0, 5629.0, 5701.0, 5382.0, 5674.0, 5425.0, 5711.0, 5290.0, 5287.0, 5412.0, 5571.0, 5444.0, 5480.0, 5386.0, 5472.0, 5564.0, 5619.0, 5568.0, 5622.0, 5423.0, 5371.0, 5455.0, 5316.0, 5268.0, 5694.0, 5439.0, 5356.0, 5415.0, 5260.0, 5638.0, 5675.0, 5449.0 (number of hits: 14)
22	5530	9	1	333	1	5597.0, 5638.0, 5377.0, 5483.0, 5434.0, 5562.0, 5554.0, 5284.0, 5538.0, 5351.0, 5617.0, 5631.0, 5706.0, 5427.0, 5555.0, 5478.0, 5569.0, 5316.0, 5255.0, 5321.0, 5583.0, 5647.0, 5474.0, 5307.0, 5507.0, 5634.0, 5702.0, 5272.0, 5399.0, 5361.0, 5549.0, 5467.0, 5701.0, 5610.0, 5368.0, 5524.0, 5299.0, 5319.0, 5289.0, 5366.0, 5644.0, 5421.0, 5630.0, 5378.0, 5438.0, 5395.0, 5264.0, 5713.0, 5665.0, 5258.0, 5719.0, 5648.0, 5707.0, 5689.0, 5433.0, 5381.0, 5535.0, 5602.0, 5587.0, 5589.0, 5370.0, 5660.0, 5688.0, 5262.0, 5509.0, 5295.0, 5540.0, 5260.0, 5259.0, 5700.0, 5423.0, 5691.0, 5280.0, 5389.0, 5462.0, 5508.0, 5694.0, 5364.0, 5466.0, 5640.0, 5612.0, 5431.0, 5309.0, 5418.0, 5671.0, 5570.0, 5594.0, 5329.0, 5662.0, 5304.0, 5439.0, 5392.0, 5565.0, 5267.0, 5604.0, 5457.0, 5566.0, 5306.0, 5582.0, 5313.0 (number of hits: 13)
23	5530	9	1	333	1	5510.0, 5541.0, 5435.0, 5364.0, 5695.0, 5633.0, 5503.0, 5707.0, 5653.0, 5666.0, 5308.0, 5543.0, 5383.0, 5317.0, 5434.0, 5710.0, 5583.0, 5343.0, 5417.0, 5415.0, 5619.0, 5645.0, 5498.0, 5513.0, 5319.0, 5357.0, 5441.0, 5456.0, 5418.0, 5557.0, 5691.0, 5293.0, 5467.0, 5717.0, 5644.0, 5344.0, 5558.0, 5693.0, 5338.0, 5714.0, 5698.0, 5257.0, 5452.0, 5664.0, 5480.0, 5676.0, 5594.0, 5673.0, 5290.0, 5509.0, 5403.0, 5519.0, 5499.0, 5665.0, 5560.0, 5294.0, 5654.0, 5491.0, 5392.0, 5613.0,

						5272.0, 5709.0, 5473.0, 5686.0, 5371.0, 5488.0, 5420.0, 5252.0, 5378.0, 5412.0, 5260.0, 5690.0, 5465.0, 5484.0, 5616.0, 5617.0, 5300.0, 5450.0, 5602.0, 5579.0, 5646.0, 5263.0, 5559.0, 5629.0, 5431.0, 5567.0, 5505.0, 5274.0, 5485.0, 5448.0, 5368.0, 5251.0, 5273.0, 5537.0, 5481.0, 5603.0, 5554.0, 5659.0, 5571.0, 5303.0 (number of hits: 17)
24	5530	9	1	333	1	5636.0, 5288.0, 5560.0, 5608.0, 5492.0, 5499.0, 5278.0, 5446.0, 5306.0, 5586.0, 5678.0, 5601.0, 5528.0, 5719.0, 5260.0, 5542.0, 5620.0, 5547.0, 5580.0, 5461.0, 5378.0, 5497.0, 5561.0, 5261.0, 5621.0, 5634.0, 5368.0, 5429.0, 5385.0, 5472.0, 5265.0, 5383.0, 5684.0, 5532.0, 5391.0, 5341.0, 5680.0, 5597.0, 5328.0, 5529.0, 5319.0, 5432.0, 5276.0, 5495.0, 5371.0, 5723.0, 5259.0, 5303.0, 5617.0, 5293.0, 5304.0, 5424.0, 5602.0, 5515.0, 5646.0, 5395.0, 5417.0, 5635.0, 5269.0, 5706.0, 5351.0, 5570.0, 5630.0, 5596.0, 5404.0, 5689.0, 5405.0, 5611.0, 5696.0, 5563.0, 5484.0, 5394.0, 5478.0, 5481.0, 5480.0, 5286.0, 5462.0, 5506.0, 5692.0, 5550.0, 5354.0, 5321.0, 5613.0, 5698.0, 5566.0, 5607.0, 5390.0, 5255.0, 5375.0, 5336.0, 5450.0, 5467.0, 5310.0, 5482.0, 5577.0, 5330.0, 5392.0, 5271.0, 5657.0, 5414.0 (number of hits: 16)
25	5530	9	1	333	1	5347.0, 5508.0, 5461.0, 5589.0, 5295.0, 5462.0, 5296.0, 5532.0, 5720.0, 5262.0, 5591.0, 5311.0, 5325.0, 5338.0, 5579.0, 5330.0, 5671.0, 5353.0, 5711.0, 5485.0, 5643.0, 5409.0, 5604.0, 5600.0, 5434.0, 5292.0, 5277.0, 5595.0, 5683.0, 5300.0, 5420.0, 5441.0, 5464.0, 5646.0, 5582.0, 5633.0, 5687.0, 5392.0, 5531.0, 5337.0, 5335.0, 5539.0, 5273.0, 5501.0, 5526.0, 5440.0, 5580.0, 5317.0, 5552.0, 5648.0, 5455.0, 5459.0, 5339.0, 5592.0, 5610.0, 5326.0, 5513.0, 5356.0, 5587.0, 5387.0, 5276.0, 5559.0, 5384.0, 5336.0, 5391.0, 5666.0, 5312.0, 5558.0, 5457.0, 5664.0, 5450.0, 5346.0, 5598.0, 5652.0, 5390.0, 5505.0, 5628.0, 5448.0, 5428.0, 5575.0, 5358.0, 5697.0, 5713.0, 5340.0, 5518.0, 5533.0, 5305.0, 5556.0, 5383.0, 5307.0, 5425.0, 5351.0, 5270.0, 5673.0, 5264.0, 5703.0, 5515.0, 5332.0, 5342.0, 5590.0 (number of hits: 15)
26	5530	9	1	333	1	5454.0, 5698.0, 5467.0, 5565.0, 5625.0, 5487.0, 5325.0, 5281.0, 5272.0, 5696.0, 5372.0, 5597.0, 5675.0, 5320.0, 5423.0, 5656.0, 5659.0, 5309.0, 5691.0, 5552.0, 5665.0, 5468.0, 5408.0, 5473.0, 5347.0, 5326.0, 5315.0, 5461.0, 5383.0, 5413.0, 5648.0, 5263.0, 5614.0, 5622.0, 5669.0, 5492.0, 5684.0, 5439.0, 5470.0, 5517.0, 5316.0, 5511.0, 5427.0, 5420.0, 5368.0,

						5627.0, 5276.0, 5705.0, 5481.0, 5502.0, 5583.0, 5515.0, 5609.0, 5650.0, 5421.0, 5716.0, 5615.0, 5711.0, 5540.0, 5444.0, 5630.0, 5709.0, 5332.0, 5568.0, 5688.0, 5629.0, 5291.0, 5441.0, 5336.0, 5516.0, 5355.0, 5493.0, 5494.0, 5407.0, 5631.0, 5546.0, 5488.0, 5699.0, 5562.0, 5569.0, 5712.0, 5321.0, 5533.0, 5277.0, 5692.0, 5555.0, 5672.0, 5357.0, 5559.0, 5367.0, 5687.0, 5638.0, 5689.0, 5389.0, 5566.0, 5377.0, 5653.0, 5266.0, 5601.0, 5715.0 (number of hits: 17)
27	5530	9	1	333	1	5413.0, 5274.0, 5271.0, 5442.0, 5323.0, 5440.0, 5511.0, 5711.0, 5409.0, 5557.0, 5482.0, 5644.0, 5622.0, 5449.0, 5275.0, 5384.0, 5584.0, 5316.0, 5354.0, 5606.0, 5635.0, 5280.0, 5352.0, 5696.0, 5723.0, 5578.0, 5594.0, 5625.0, 5610.0, 5682.0, 5331.0, 5643.0, 5300.0, 5496.0, 5602.0, 5386.0, 5456.0, 5463.0, 5342.0, 5561.0, 5302.0, 5526.0, 5347.0, 5318.0, 5399.0, 5722.0, 5544.0, 5373.0, 5264.0, 5393.0, 5353.0, 5700.0, 5424.0, 5437.0, 5253.0, 5298.0, 5287.0, 5585.0, 5548.0, 5365.0, 5503.0, 5283.0, 5390.0, 5453.0, 5715.0, 5687.0, 5360.0, 5467.0, 5636.0, 5411.0, 5540.0, 5429.0, 5260.0, 5685.0, 5333.0, 5261.0, 5521.0, 5439.0, 5380.0, 5350.0, 5305.0, 5530.0, 5638.0, 5718.0, 5447.0, 5443.0, 5357.0, 5604.0, 5665.0, 5441.0, 5259.0, 5426.0, 5509.0, 5668.0, 5620.0, 5693.0, 5599.0, 5671.0, 5398.0, 5513.0 (number of hits: 13)
28	5530	9	1	333	1	5622.0, 5296.0, 5664.0, 5628.0, 5710.0, 5485.0, 5556.0, 5564.0, 5602.0, 5341.0, 5442.0, 5443.0, 5370.0, 5492.0, 5660.0, 5545.0, 5704.0, 5367.0, 5487.0, 5662.0, 5375.0, 5542.0, 5313.0, 5358.0, 5325.0, 5493.0, 5328.0, 5427.0, 5646.0, 5673.0, 5544.0, 5717.0, 5407.0, 5687.0, 5708.0, 5330.0, 5507.0, 5515.0, 5428.0, 5503.0, 5449.0, 5643.0, 5418.0, 5579.0, 5483.0, 5520.0, 5479.0, 5637.0, 5348.0, 5572.0, 5607.0, 5530.0, 5322.0, 5508.0, 5613.0, 5600.0, 5315.0, 5484.0, 5399.0, 5397.0, 5583.0, 5491.0, 5289.0, 5343.0, 5258.0, 5512.0, 5721.0, 5574.0, 5412.0, 5475.0, 5609.0, 5614.0, 5329.0, 5286.0, 5327.0, 5260.0, 5591.0, 5482.0, 5569.0, 5500.0, 5288.0, 5349.0, 5257.0, 5342.0, 5630.0, 5398.0, 5547.0, 5581.0, 5265.0, 5440.0, 5452.0, 5610.0, 5480.0, 5254.0, 5379.0, 5586.0, 5553.0, 5595.0, 5332.0, 5386.0 (number of hits: 17)
29	5530	9	1	333	1	5467.0, 5412.0, 5497.0, 5255.0, 5502.0, 5462.0, 5274.0, 5383.0, 5570.0, 5264.0, 5397.0, 5631.0, 5554.0, 5687.0, 5492.0, 5666.0, 5673.0, 5698.0, 5408.0, 5258.0, 5400.0, 5621.0, 5593.0, 5354.0, 5533.0, 5338.0, 5646.0, 5431.0, 5653.0, 5713.0,

						5376.0, 5446.0, 5508.0, 5389.0, 5370.0, 5683.0, 5619.0, 5494.0, 5549.0, 5644.0, 5629.0, 5692.0, 5558.0, 5261.0, 5332.0, 5401.0, 5544.0, 5540.0, 5288.0, 5499.0, 5403.0, 5474.0, 5422.0, 5336.0, 5318.0, 5530.0, 5650.0, 5310.0, 5392.0, 5386.0, 5659.0, 5667.0, 5356.0, 5468.0, 5344.0, 5503.0, 5297.0, 5475.0, 5425.0, 5708.0, 5577.0, 5334.0, 5399.0, 5315.0, 5281.0, 5609.0, 5449.0, 5477.0, 5569.0, 5333.0, 5420.0, 5661.0, 5276.0, 5684.0, 5439.0, 5256.0, 5484.0, 5436.0, 5407.0, 5690.0, 5300.0, 5352.0, 5366.0, 5496.0, 5663.0, 5509.0, 5580.0, 5704.0, 5411.0, 5455.0 (number of hits: 16)
30	5530	9	1	333	1	5469.0, 5270.0, 5626.0, 5640.0, 5604.0, 5292.0, 5315.0, 5459.0, 5277.0, 5673.0, 5525.0, 5400.0, 5478.0, 5671.0, 5436.0, 5628.0, 5717.0, 5333.0, 5374.0, 5526.0, 5387.0, 5635.0, 5562.0, 5302.0, 5416.0, 5291.0, 5458.0, 5703.0, 5578.0, 5411.0, 5419.0, 5368.0, 5429.0, 5488.0, 5321.0, 5580.0, 5269.0, 5256.0, 5529.0, 5306.0, 5638.0, 5543.0, 5603.0, 5546.0, 5688.0, 5307.0, 5453.0, 5480.0, 5314.0, 5608.0, 5304.0, 5705.0, 5425.0, 5514.0, 5576.0, 5521.0, 5625.0, 5476.0, 5679.0, 5636.0, 5253.0, 5252.0, 5405.0, 5518.0, 5512.0, 5536.0, 5347.0, 5288.0, 5389.0, 5496.0, 5289.0, 5396.0, 5556.0, 5318.0, 5581.0, 5612.0, 5629.0, 5710.0, 5417.0, 5702.0, 5572.0, 5381.0, 5450.0, 5329.0, 5324.0, 5497.0, 5362.0, 5565.0, 5466.0, 5560.0, 5666.0, 5545.0, 5523.0, 5533.0, 5455.0, 5430.0, 5311.0, 5570.0, 5367.0, 5504.0 (number of hits: 20)

5570 MHz, 160 MHz Bandwidth

Radar Signal Type	Waveform/Trial Number	Detection (%)	Limit (%)	Pass/Fail
Type 1A/1B	30	100 %	60%	Pass
Type 2	30	90 %	60%	Pass
Type 3	30	100 %	60%	Pass
Type 4	30	93.3 %	60%	Pass
Aggregate (Type1 to 4)	120	95.8 %	80%	Pass
Type 5	30	100 %	80%	Pass
Type 6	30	100 %	70%	Pass

Please refer to the following statistical tables:

Table-1A/1B Radar Type 1A/1B Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	95	1	558	1
2	5492	86	1	618	1
3	5492	70	1	758	1
4	5492	57	1	938	1
5	5492	67	1	798	1
6	5570	18	1	3066	1
7	5570	76	1	698	1
8	5570	65	1	818	1
9	5570	72	1	738	1
10	5570	74	1	718	1
11	5648	68	1	778	1
12	5648	81	1	658	1
13	5648	59	1	898	1
14	5648	78	1	678	1
15	5648	92	1	578	1
16	5492	29	1	1876	1
17	5492	56	1	945	1
18	5492	45	1	1173	1
19	5492	18	1	2982	1
20	5492	27	1	1969	1
21	5570	22	1	2483	1
22	5570	21	1	2630	1
23	5570	21	1	2534	1
24	5570	41	1	1297	1
25	5570	58	1	911	1
26	5648	18	1	2957	1
27	5648	100	1	532	1
28	5648	56	1	958	1
29	5648	21	1	2527	1
30	5648	20	1	2695	1
Detection Percentage: 100 % (>60%)					

Table-2 Radar Type 2 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	27	3.8	211	1
2	5492	23	4.9	207	1
3	5492	27	3.5	189	1
4	5492	28	3.4	229	1
5	5492	29	4.9	169	1
6	5492	28	2.5	184	1
7	5492	26	2.8	172	0
8	5492	24	4.5	206	1
9	5492	27	2	174	0
10	5492	23	3	163	1
11	5570	23	4.2	153	1
12	5570	28	4.2	212	1
13	5570	29	4.3	224	1
14	5570	29	2.5	176	1
15	5570	25	4.5	224	1
16	5570	28	1.6	158	1
17	5570	27	3.9	194	1
18	5570	28	2.9	220	1
19	5570	25	2.8	177	1
20	5570	26	2.8	156	1
21	5648	28	4.3	195	1
22	5648	24	2	165	0
23	5648	25	2.4	205	1
24	5648	24	1.4	201	1
25	5648	27	4.2	179	1
26	5648	27	1.1	175	1
27	5648	27	3.5	181	1
28	5648	25	2.9	190	1
29	5648	23	3.3	153	1
30	5648	23	3.7	199	1
Detection Percentage: 90.0 % (>60%)					

Table-3 Radar Type 3 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	16	8.2	321	1
2	5492	17	9.2	407	1
3	5492	16	7.9	460	1
4	5492	17	6.9	272	1
5	5492	17	6.1	329	1
6	5492	17	9.3	482	1
7	5492	18	7.7	303	1
8	5492	16	9.7	218	1
9	5492	17	8.4	470	1
10	5492	16	7.4	369	1
11	5570	17	6.3	217	1
12	5570	18	9.3	202	1
13	5570	16	7.5	293	1
14	5570	17	8.1	430	1
15	5570	16	8.3	431	1
16	5570	16	8.2	441	1
17	5570	16	9.4	340	1
18	5570	17	8.9	267	1
19	5570	17	7.3	390	1
20	5570	18	8.1	240	1
21	5648	16	6.2	302	1
22	5648	17	7.2	412	1
23	5648	18	8.8	313	1
24	5648	18	6.6	359	1
25	5648	18	6	491	1
26	5648	17	9.5	235	1
27	5648	17	7.3	470	1
28	5648	17	6.8	347	1
29	5648	16	8.5	493	1
30	5648	18	8.6	219	1
Detection Percentage: 100 % (>60%)					

Table-4 Radar Type 4 Statistical Performance

Trial #	Fc (MHz)	Pulse/Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)
1	5492	12	13	205	1
2	5492	16	18	365	1
3	5492	13	15.6	438	1
4	5492	12	19.4	376	1
5	5492	14	13.8	382	1
6	5492	15	14.8	229	1
7	5492	12	17.1	208	1
8	5492	12	14.2	237	1
9	5492	12	12.4	441	1
10	5492	13	12.3	388	1
11	5570	16	11.1	498	1
12	5570	16	15.3	392	1
13	5570	16	13.9	264	1
14	5570	12	13.2	267	1
15	5570	13	18.3	407	1
16	5570	13	14.7	426	1
17	5570	13	16.5	344	1
18	5570	13	14.3	247	1
19	5570	16	17.4	405	1
20	5570	16	11.9	291	1
21	5648	14	18.6	368	1
22	5648	13	14.9	441	1
23	5648	12	13.6	434	1
24	5648	12	11.4	218	1
25	5648	14	13.1	202	1
26	5648	12	19.1	452	1
27	5648	13	17.1	466	1
28	5648	16	15.4	489	0
29	5648	15	15.7	330	1
30	5648	12	14.3	494	0
Detection Percentage: 93.3 % (>60%)					

Table-5 Radar Type 5 Statistical Performance

Trial #	Fc (MHz)	Detection (1:yes; 0:no)
1	5570	1
2	5570	1
3	5570	1
4	5570	1
5	5570	1
6	5570	1
7	5570	1
8	5570	1
9	5570	1
10	5570	1
11	5495.2	1
12	5494.8	1
13	5495.6	1
14	5494.8	1
15	5496.0	1
16	5499.2	1
17	5496.4	1
18	5499.2	1
19	5494.8	1
20	5494.4	1
21	5640.0	1
22	5644.8	1
23	5643.2	1
24	5644.8	1
25	5645.2	1
26	5641.2	1
27	5642.8	1
28	5645.2	1
29	5642.4	1
30	5643.6	1
Detection Percentage: 100 % (>80%)		

Bin5 Statistics 1

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	54.6	1373	1468	0.462176	1
1	2	8	77.1	1105		1.868548	
2	2	8	87.6	1942		2.004413	
3	2	8	64.8	1104		3.919004	
4	3	8	77.6	1212	1625	4.618947	
5	1	8	91.4			5.498309	
6	2	8	99.2	1361		6.083166	
7	2	8	78.8	1032		7.399007	
8	2	8	87.2	1563		8.432113	
9	2	8	74.9	1334		9.469808	
10	1	8	80.3			10.238279	
11	2	8	66.6	1233		11.799376	

Bin5 Statistics 2

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	56.5	1338		0.042122	1
1	2	11	82.6	1022		1.006632	
2	3	11	87.9	1683	1374	1.953745	
3	2	11	83	1600		2.609442	
4	2	11	97.5	1664		3.75916	
5	2	11	61.2	1588		4.965945	
6	3	11	59.8	1214	1062	5.518926	
7	2	11	71.8	1473		6.137816	
8	1	11	91.8			7.096651	
9	3	11	86.1	1193	1997	8.503205	
10	3	11	59.1	1698	1568	9.39654	
11	2	11	55.4	1485		9.460549	
12	3	11	84.8	1447	1421	10.554764	
13	3	11	58.1	1767	1406	11.945677	

Bin5 Statistics 3

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	94.5	1060		1.036196	1
1	3	12	75.3	1005	1383	2.063983	
2	2	12	59.7	1748		2.723716	
3	3	12	99	1330	1725	4.346805	
4	1	12	82			6.178286	
5	2	12	71.5	1715		7.714682	
6	2	12	68.3	1900		8.165549	
7	1	12	52.9			9.713792	
8	2	12	91.4	1149		10.9414	

Bin5 Statistics 4

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	12	82.2	1132	1913	0.211164	1
1	1	12	96.9			0.870337	
2	3	12	74.2	1516	1595	1.544684	
3	1	12	99			2.121328	
4	1	12	69.7			2.821439	
5	1	12	97			3.60791	
6	2	12	53.1	1722		4.149155	
7	2	12	96.1	1321		5.058192	
8	2	12	68	1759		5.734161	
9	1	12	53.4			6.507849	
10	1	12	56.5			6.894101	
11	2	12	62	1600		7.938003	
12	2	12	91.6	1970		8.268953	
13	3	12	76.3	1007	1533	8.847007	
14	2	12	64.2	1280		9.488316	
15	2	12	97.4	1068		10.548831	
16	1	12	84.2			11.097211	
17	2	12	73.1	1295		11.751691	

Bin5 Statistics 5

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	53.1	1718		0.834305	
1	2	9	90.6	1409		0.969621	
2	2	9	74	1264		2.240383	
3	1	9	74.3			2.878385	
4	1	9	62.9			4.028036	
5	3	9	81.4	1078	1864	5.023469	
6	2	9	51.3	1746		5.729206	1
7	2	9	64.1	1437		6.890186	
8	2	9	96.5	1070		8.07864	
9	2	9	85.2	1764		9.07055	
10	2	9	91.2	1989		9.862394	
11	3	9	66	1325	1539	10.51677	
12	2	9	82.5	1953		11.780619	

Bin5 Statistics 6

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	65.5	1354		1.048294	
1	3	7	62	1758	1549	2.053933	
2	1	7	67.2			3.263974	
3	2	7	65.5	1863		3.85949	
4	2	7	71	1014		5.37383	
5	1	7	82.3			5.515336	1
6	2	7	63.4	1557		7.29316	
7	1	7	69			8.259606	
8	1	7	61.3			8.936666	
9	3	7	97	1894	1500	10.318593	
10	3	7	85	1060	1000	11.707479	

Bin5 Statistics 7

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	71.9	1980		0.442351	1
1	1	9	57.4			1.550218	
2	1	9	91.6			2.73481	
3	3	9	85	1047	1326	3.079348	
4	3	9	80.5	1745	1194	4.143994	
5	1	9	61.1			5.3741	
6	1	9	88.3			6.415253	
7	2	9	78	1371		7.154616	
8	2	9	66.3	1883		8.92412	
9	3	9	98.5	1030	1126	9.573276	
10	3	9	94.9	1468	1704	10.781621	
11	1	9	70.4			11.207698	

Bin5 Statistics 8

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	12	93.6	1044		0.225122	1
1	2	12	59.2	1493		1.829662	
2	1	12	80.5			2.862293	
3	2	12	91.5	1844		3.56173	
4	2	12	54.6	1012		4.911222	
5	1	12	77			5.294891	
6	2	12	89.4	1001		6.384247	
7	2	12	71.7	1958		7.240668	
8	1	12	75.2			8.922367	
9	2	12	84.5	1074		9.792746	
10	1	12	94			10.928472	
11	1	12	62.8			11.694653	

Bin5 Statistics 9

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	80.6	1185		0.007409	
1	2	7	97.1	1336		1.730301	
2	2	7	71.5	1961		2.669179	
3	2	7	75	1530		3.022168	
4	2	7	76.5	1327		4.393525	
5	3	7	89	1016	1629	4.90284	
6	1	7	61.3			6.309598	1
7	1	7	72			7.36488	
8	3	7	75.6	1077	1230	7.525082	
9	2	7	73.6	1655		9.018846	
10	1	7	94.8			9.414999	
11	2	7	77.4	1155		10.754952	
12	3	7	53	1412	1127	11.133155	

Bin5 Statistics 10

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	97.7			0.587909	
1	2	11	87	1799		1.671115	
2	1	11	71.1			3.132361	
3	3	11	59.9	1125	1709	3.596545	
4	3	11	53.8	1436	1464	5.023259	
5	1	11	67.9			6.138596	1
6	3	11	75.6	1527	1737	7.123941	
7	2	11	80.4	1706		8.71366	
8	1	11	73.5			9.140376	
9	2	11	83	1160		10.002482	
10	2	11	57.7	1083		11.522609	

Bin5 Statistics 11

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	8	74.3			0.205687	1
1	3	8	81	1721	1856	1.26698	
2	2	8	71.4	1156		2.337608	
3	3	8	86.8	1590	1046	2.903236	
4	3	8	76.1	1395	1006	3.716092	
5	2	8	58.6	1118		5.118376	
6	3	8	99.5	1017	1804	6.398177	
7	1	8	76.7			6.806609	
8	2	8	59.8	1143		7.946027	
9	2	8	83.8	1495		9.002374	
10	2	8	71.7	1042		9.444328	
11	2	8	71.9	1677		10.855049	
12	2	8	79.6	1814		11.164257	

Bin5 Statistics 12

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	55.7			0.1052	1
1	2	7	94.5	1173		0.919656	
2	3	7	78.4	1363	1749	1.659054	
3	2	7	81.5	1175		2.372715	
4	3	7	55	1029	1101	3.117047	
5	2	7	90.4	1590		3.749183	
6	2	7	89.8	1727		4.649025	
7	3	7	61.6	1126	1332	5.105746	
8	1	7	75.9			5.985111	
9	2	7	77.5	1595		6.085734	
10	3	7	82.3	1529	1046	7.190551	
11	2	7	73.5	1837		7.728767	
12	1	7	77.9			8.5883	
13	2	7	94.9	1036		8.761397	
14	3	7	71.6	1142	1688	9.439864	
15	3	7	98.1	1918	1372	10.383887	
16	1	7	77			11.185516	
17	2	7	99.4	1076		11.545185	

Bin5 Statistics 13

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	9	62.6	1117		0.679411	1
1	1	9	68.3			2.423222	
2	1	9	98.5			3.161561	
3	2	9	57.2	1361		4.067043	
4	2	9	65.1	1854		6.300854	
5	2	9	84.3	1946		6.930383	
6	3	9	72.9	1760	1394	8.710994	
7	1	9	93.3			9.532652	
8	2	9	64.2	1972		11.344723	

Bin5 Statistics 14

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	7	59.5			1.245938	1
1	1	7	76.5			2.086577	
2	3	7	62.6	1598	1832	2.966632	
3	1	7	94.2			5.098873	
4	3	7	75.5	1202	1869	5.95174	
5	1	7	57.5			7.605211	
6	2	7	99.6	1315		8.369941	
7	2	7	71.3	1775		9.654322	
8	2	7	81.9	1868		11.623971	

Bin5 Statistics 15

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	10	83.4	1982	1766	0.661741	1
1	2	10	82.6	1907		1.272063	
2	3	10	84.9	1464	1897	1.950911	
3	1	10	83.9			2.60654	
4	2	10	80	1416		3.928961	
5	2	10	78.2	1818		4.817414	
6	3	10	78.1	1453	1760	5.479157	
7	2	10	57.2	1724		6.135215	
8	3	10	56.5	1399	1323	7.345159	
9	2	10	80.9	1508		8.199962	
10	2	10	63.8	1309		9.240057	
11	2	10	91.4	1172		9.699591	
12	1	10	69.6			10.593392	
13	2	10	71.4	1550		11.903367	

Bin5 Statistics 16

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	18	92.1	1695		0.32881	1
1	1	18	94.3			1.553086	
2	3	18	67.4	1842	1911	3.04268	
3	2	18	65.5	1759		4.171989	
4	3	18	75.4	1516	1378	4.738479	
5	1	18	58.2			5.838343	
6	2	18	80.7	1127		6.947751	
7	1	18	79.2			8.568877	
8	1	18	52.9			8.89061	
9	2	18	56.4	1771		10.614955	
10	3	18	51.1	1148	1645	11.205144	

Bin5 Statistics 17

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	11	74.8	1540		0.15234	1
1	2	11	65.5	1824		0.818336	
2	2	11	54.5	1976		1.652196	
3	2	11	86.3	1847		2.516143	
4	1	11	88.3			2.898528	
5	1	11	67			3.539766	
6	2	11	61.8	1713		4.655691	
7	1	11	84.7			5.505842	
8	2	11	92.8	1115		6.254153	
9	3	11	52.8	1400	1991	6.960276	
10	2	11	84	1980		7.304546	
11	2	11	76.9	1392		7.836429	
12	3	11	76.6	1571	1763	9.084457	
13	2	11	81.8	1554		9.203693	
14	1	11	65.4			10.516975	
15	3	11	81.2	1235	1935	11.020715	
16	1	11	58.8			11.809169	

Bin5 Statistics 18

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	18	50			0.217684	1
1	1	18	52.8			1.467677	
2	2	18	99.7	1299		2.442068	
3	1	18	98.5			3.149039	
4	2	18	78	1711		4.301134	
5	3	18	61.6	1635	1921	5.076073	
6	2	18	60.9	1863		6.328505	
7	2	18	84.3	1464		6.593002	
8	3	18	85.5	1823	1703	8.072748	
9	2	18	85.7	1530		9.079855	
10	2	18	96.9	1382		9.586265	
11	2	18	68.4	1507		10.894346	
12	3	18	85.2	1656	1887	11.749527	

Bin5 Statistics 19

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	7	89.2	1991		0.785834	
1	3	7	54.1	1350	1249	1.730668	
2	2	7	97.3	1869		2.253787	
3	2	7	96.2	1862		3.212847	
4	2	7	97.8	1770		3.718426	
5	2	7	54.9	1043		4.797264	
6	1	7	79.7			6.103078	1
7	2	7	82.2	1122		7.195913	
8	2	7	72.2	1381		7.655775	
9	2	7	75.3	1152		8.990078	
10	1	7	79.7			9.655928	
11	2	7	52	1600		11.014411	
12	2	7	64.2	1529		11.764811	

Bin5 Statistics 20

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	6	84.8			0.487767	
1	2	6	59.2	1676		1.483631	
2	3	6	75.4	1215	1444	1.763321	
3	2	6	82.1	1072		2.653467	
4	3	6	76.9	1715	1374	3.22738	
5	2	6	99.4	1406		4.53468	
6	1	6	96.8			5.587176	
7	2	6	84.5	1782		5.798715	1
8	1	6	95			6.488621	
9	2	6	97.7	1836		7.416134	
10	2	6	75.6	1722		8.373709	
11	2	6	65	1765		9.320065	
12	3	6	52.1	1934	1826	10.082339	
13	3	6	68.3	1874	1640	10.630808	
14	2	6	79	1258		11.903907	

Bin5 Statistics 21

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	20	56.4	1032	1482	0.28462	1
1	1	20	66.8			1.510929	
2	2	20	71.3	1708		2.071898	
3	2	20	68.2	1275		3.658971	
4	2	20	90.2	1167		3.7077	
5	2	20	72.7	1772		4.782125	
6	2	20	54.9	1019		6.386	
7	2	20	63.4	1238		6.602431	
8	1	20	94.6			7.817401	
9	1	20	81.7			8.4799	
10	2	20	59.3	1185		9.31821	
11	1	20	83.2			11.023433	
12	2	20	56.8	1425		11.115125	

Bin5 Statistics 22

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	75	1234	1386	0.629734	1
1	3	8	84.3	1640	1105	1.58977	
2	1	8	50.1			2.231138	
3	3	8	92.7	1651	1719	3.430679	
4	1	8	71.2			4.600859	
5	2	8	62.4	1372		5.323121	
6	1	8	79.5			6.604055	
7	2	8	75.8	1793		7.42877	
8	2	8	55.7	1055		8.062911	
9	1	8	85.1			9.383295	
10	3	8	62.8	1753	1187	10.187309	
11	1	8	55			11.4657	

Bin5 Statistics 23

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	12	64.1			0.590924	
1	2	12	75.1	1911		0.954462	
2	1	12	59.9			1.489336	
3	2	12	77.2	1395		2.288967	
4	3	12	73.2	1822	1281	3.001793	
5	2	12	87	1800		3.698898	
6	1	12	67.5			4.008674	
7	2	12	79.9	1367		5.044935	
8	2	12	86	1359		5.056538	
9	1	12	93.4			5.845073	1
10	3	12	96.2	1314	1748	6.886952	
11	1	12	57.2			7.548261	
12	2	12	52.6	1175		7.724982	
13	2	12	92.5	1537		8.504072	
14	3	12	71.5	1518	1202	9.126088	
15	2	12	78.3	1836		9.544936	
16	3	12	99.6	1769	1833	10.436971	
17	1	12	56.5			10.819329	
18	2	12	55.4	1526		11.984399	

Bin5 Statistics 24

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	8	75.9	1087	1860	0.264845	
1	3	8	53.8	1286	1402	1.22949	
2	3	8	63.4	1286	1440	2.796127	
3	1	8	90.3			3.308762	
4	3	8	69.4	1430	1330	4.564148	
5	2	8	85.4	1896		5.975933	
6	2	8	54.8	1333		6.635528	1
7	2	8	98.5	1947		7.645773	
8	1	8	81.6			8.000899	
9	3	8	65.8	1991	1418	9.979078	
10	3	8	77.9	1168	1577	10.418447	
11	1	8	51.9			11.983308	

Bin5 Statistics 25

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	52.2	1915	1388	0.645042	1
1	3	7	93.4	1371	1847	0.96172	
2	1	7	83.9			2.402377	
3	2	7	90.7	1172		2.649076	
4	1	7	60.4			4.184681	
5	2	7	90.1	1898		4.316192	
6	1	7	57.7			5.414338	
7	2	7	54.5	1085		6.138274	
8	1	7	82.1			7.047583	
9	1	7	74.3			8.300046	
10	1	7	65.2			9.311602	
11	2	7	63.9	1821		10.018526	
12	2	7	89.3	1475		10.427135	
13	3	7	77.2	1708	1522	11.462736	

Bin5 Statistics 26

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	17	76			1.013997	1
1	1	17	61.1			1.409211	
2	1	17	95.9			2.867681	
3	3	17	82.9	1253	1284	3.691552	
4	2	17	84.8	1479		5.348439	
5	1	17	74.5			6.756008	
6	2	17	56.4	1779		7.9637	
7	3	17	53.6	1442	1008	8.411989	
8	2	17	80.3	1435		10.154439	
9	1	17	86.8			11.432611	

Bin5 Statistics 27

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	2	13	87.2	1192		1.061523	
1	2	13	90.4	1624		1.764782	
2	2	13	59.6	1128		2.790183	
3	2	13	64.5	1712		5.226036	
4	2	13	56.5	1941		6.587342	1
5	3	13	84.8	1455	1886	6.73346	
6	2	13	95.1	1228		9.215502	
7	1	13	67.4			9.35621	
8	1	13	91.4			10.754037	

Bin5 Statistics 28

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	3	7	61.5	1680	1554	0.855098	
1	2	7	53.7	1477		1.719883	
2	2	7	61.9	1920		2.38294	
3	1	7	62.5			3.092777	
4	1	7	59			3.721628	
5	2	7	50.9	1797		4.652038	
6	2	7	54.8	1156		5.89982	1
7	1	7	64.3			6.881436	
8	3	7	86.8	1225	1776	8.198112	
9	2	7	71	1386		9.181268	
10	2	7	98.2	1188		9.570854	
11	2	7	53.3	1807		10.590767	
12	1	7	54.7			11.395349	

Bin5 Statistics 29

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	14	68.2			0.062518	1
1	2	14	99.1	1069		2.046221	
2	1	14	71.4			3.806968	
3	1	14	63.8			4.588966	
4	3	14	63.6	1053	1874	5.662712	
5	2	14	91.7	1071		7.707526	
6	1	14	58.2			8.047304	
7	3	14	80	1093	1141	9.640022	
8	2	14	97.5	1008		11.077137	

Bin5 Statistics 30

Trial #	Pulse	Chirp (MHz)	Pulse Width (µS)	Pulse 1-2 spacing (uS)	Pulse 2-3 spacing (uS)	Pulse Start(S)	Detection (1:yes; 0:no)
0	1	11	71.9			0.977289	1
1	3	11	77.7	1262	1022	1.370846	
2	2	11	67.1	1674		2.751763	
3	2	11	76.9	1445		3.543817	
4	1	11	85.5			4.313353	
5	1	11	65.9			5.631201	
6	2	11	91.6	1946		6.39074	
7	1	11	78.8			7.64738	
8	1	11	88.3			8.300874	
9	2	11	90.3	1699		9.45481	
10	3	11	68.4	1697	1285	10.576215	
11	2	11	72.8	1891		11.878536	

Table-6 Radar Type 6 Statistical Performance

Trial #	Fc (MHz)	Pulse /Burst	Pulse Width (µS)	PRI (µs)	Detection (1:yes; 0:no)	Hopping Sequence
1	5570	9	1	333	1	5670.0, 5445.0, 5511.0, 5319.0, 5495.0, 5485.0, 5400.0, 5468.0, 5620.0, 5457.0, 5565.0, 5278.0, 5261.0, 5664.0, 5386.0, 5704.0, 5692.0, 5584.0, 5593.0, 5625.0, 5315.0, 5635.0, 5271.0, 5532.0, 5296.0, 5608.0, 5508.0, 5290.0, 5456.0, 5586.0, 5341.0, 5721.0, 5465.0, 5496.0, 5310.0, 5389.0, 5578.0, 5439.0, 5402.0, 5484.0, 5709.0, 5470.0, 5322.0, 5537.0, 5573.0, 5665.0, 5423.0, 5715.0, 5395.0, 5641.0, 5522.0, 5479.0, 5390.0, 5333.0, 5489.0, 5724.0, 5686.0, 5385.0, 5462.0, 5343.0, 5494.0, 5284.0, 5671.0, 5523.0, 5304.0, 5612.0, 5630.0, 5649.0, 5622.0, 5490.0, 5657.0, 5529.0, 5420.0, 5572.0, 5396.0, 5575.0, 5292.0, 5486.0, 5372.0, 5377.0, 5286.0, 5698.0, 5374.0, 5450.0, 5603.0, 5298.0, 5416.0, 5629.0, 5289.0, 5563.0, 5528.0, 5447.0, 5453.0, 5441.0, 5255.0, 5502.0, 5288.0, 5472.0, 5680.0, 5291.0 (number of hits: 31)
2	5570	9	1	333	1	5523.0, 5508.0, 5303.0, 5480.0, 5642.0, 5372.0, 5498.0, 5643.0, 5419.0, 5506.0, 5624.0, 5472.0, 5363.0, 5656.0, 5584.0, 5714.0, 5435.0, 5395.0, 5362.0, 5376.0, 5448.0, 5417.0, 5367.0, 5674.0, 5465.0, 5470.0, 5426.0, 5641.0, 5717.0, 5266.0, 5651.0, 5310.0, 5549.0, 5509.0, 5722.0, 5630.0, 5251.0, 5315.0, 5672.0, 5287.0, 5502.0, 5271.0, 5601.0, 5467.0, 5423.0, 5515.0, 5589.0, 5262.0, 5469.0, 5574.0, 5704.0, 5324.0, 5330.0, 5319.0, 5699.0, 5567.0, 5355.0, 5311.0, 5662.0, 5388.0, 5675.0, 5270.0, 5340.0, 5323.0, 5629.0, 5633.0, 5411.0, 5539.0, 5525.0, 5494.0, 5447.0, 5360.0, 5500.0, 5710.0, 5718.0, 5337.0, 5491.0, 5702.0, 5306.0, 5418.0, 5351.0, 5492.0, 5572.0, 5618.0, 5545.0, 5452.0, 5369.0, 5431.0, 5307.0, 5565.0, 5280.0, 5381.0, 5277.0, 5438.0, 5446.0, 5652.0, 5264.0, 5585.0, 5503.0, 5425.0 (number of hits: 31)
3	5570	9	1	333	1	5590.0, 5691.0, 5314.0, 5344.0, 5573.0, 5512.0, 5310.0, 5403.0, 5275.0, 5265.0, 5687.0, 5255.0, 5409.0, 5705.0, 5560.0, 5692.0, 5410.0, 5432.0, 5619.0, 5572.0, 5534.0, 5678.0, 5302.0, 5505.0, 5708.0, 5665.0, 5646.0, 5332.0, 5653.0, 5398.0, 5307.0, 5380.0, 5348.0, 5328.0, 5316.0, 5495.0, 5612.0, 5330.0, 5446.0, 5385.0, 5459.0, 5723.0, 5272.0, 5537.0, 5535.0, 5320.0, 5645.0, 5655.0, 5697.0, 5358.0, 5683.0, 5484.0, 5401.0, 5549.0, 5499.0, 5453.0, 5540.0, 5281.0, 5508.0, 5308.0,

						5689.0, 5609.0, 5424.0, 5556.0, 5414.0, 5343.0, 5473.0, 5353.0, 5438.0, 5425.0, 5582.0, 5259.0, 5392.0, 5602.0, 5513.0, 5476.0, 5429.0, 5271.0, 5324.0, 5389.0, 5666.0, 5333.0, 5696.0, 5640.0, 5447.0, 5524.0, 5693.0, 5331.0, 5667.0, 5421.0, 5384.0, 5527.0, 5326.0, 5575.0, 5531.0, 5363.0, 5625.0, 5444.0, 5382.0, 5263.0 (number of hits: 29)
4	5570	9	1	333	1	5598.0, 5613.0, 5257.0, 5353.0, 5330.0, 5485.0, 5511.0, 5693.0, 5253.0, 5528.0, 5523.0, 5280.0, 5317.0, 5508.0, 5474.0, 5661.0, 5295.0, 5685.0, 5524.0, 5486.0, 5466.0, 5585.0, 5371.0, 5717.0, 5325.0, 5407.0, 5637.0, 5313.0, 5489.0, 5699.0, 5700.0, 5264.0, 5462.0, 5570.0, 5566.0, 5694.0, 5406.0, 5271.0, 5409.0, 5583.0, 5417.0, 5290.0, 5589.0, 5300.0, 5618.0, 5269.0, 5381.0, 5344.0, 5662.0, 5453.0, 5647.0, 5488.0, 5609.0, 5704.0, 5423.0, 5605.0, 5287.0, 5545.0, 5495.0, 5308.0, 5560.0, 5338.0, 5590.0, 5447.0, 5514.0, 5634.0, 5666.0, 5500.0, 5343.0, 5538.0, 5425.0, 5565.0, 5328.0, 5433.0, 5595.0, 5549.0, 5299.0, 5632.0, 5624.0, 5611.0, 5714.0, 5688.0, 5258.0, 5297.0, 5293.0, 5454.0, 5639.0, 5669.0, 5345.0, 5421.0, 5554.0, 5620.0, 5368.0, 5326.0, 5291.0, 5404.0, 5569.0, 5718.0, 5559.0, 5324.0 (number of hits: 36)
5	5570	9	1	333	1	5353.0, 5644.0, 5497.0, 5357.0, 5263.0, 5658.0, 5439.0, 5490.0, 5447.0, 5659.0, 5666.0, 5561.0, 5670.0, 5689.0, 5260.0, 5667.0, 5677.0, 5256.0, 5336.0, 5373.0, 5374.0, 5544.0, 5683.0, 5251.0, 5417.0, 5253.0, 5422.0, 5354.0, 5614.0, 5285.0, 5718.0, 5687.0, 5566.0, 5487.0, 5622.0, 5305.0, 5634.0, 5536.0, 5491.0, 5583.0, 5380.0, 5649.0, 5465.0, 5613.0, 5320.0, 5328.0, 5318.0, 5588.0, 5626.0, 5323.0, 5433.0, 5685.0, 5630.0, 5632.0, 5360.0, 5661.0, 5462.0, 5411.0, 5375.0, 5266.0, 5278.0, 5377.0, 5461.0, 5629.0, 5485.0, 5412.0, 5724.0, 5282.0, 5628.0, 5572.0, 5313.0, 5543.0, 5415.0, 5505.0, 5665.0, 5365.0, 5367.0, 5302.0, 5303.0, 5355.0, 5312.0, 5441.0, 5473.0, 5532.0, 5684.0, 5310.0, 5397.0, 5678.0, 5400.0, 5368.0, 5383.0, 5700.0, 5407.0, 5404.0, 5695.0, 5699.0, 5414.0, 5625.0, 5279.0, 5705.0 (number of hits: 22)
6	5570	9	1	333	1	5308.0, 5626.0, 5565.0, 5470.0, 5393.0, 5507.0, 5421.0, 5364.0, 5341.0, 5403.0, 5608.0, 5281.0, 5394.0, 5319.0, 5253.0, 5665.0, 5620.0, 5541.0, 5359.0, 5449.0, 5631.0, 5680.0, 5521.0, 5655.0, 5628.0, 5638.0, 5390.0, 5292.0, 5677.0, 5398.0, 5704.0, 5465.0, 5273.0, 5660.0, 5671.0, 5577.0, 5578.0, 5487.0, 5334.0, 5613.0, 5548.0, 5540.0, 5380.0, 5365.0, 5557.0,

						5436.0, 5639.0, 5604.0, 5489.0, 5630.0, 5564.0, 5456.0, 5503.0, 5476.0, 5712.0, 5318.0, 5500.0, 5352.0, 5396.0, 5416.0, 5590.0, 5303.0, 5721.0, 5652.0, 5579.0, 5674.0, 5453.0, 5617.0, 5688.0, 5383.0, 5529.0, 5650.0, 5611.0, 5324.0, 5663.0, 5640.0, 5624.0, 5714.0, 5480.0, 5701.0, 5295.0, 5676.0, 5519.0, 5508.0, 5397.0, 5595.0, 5379.0, 5347.0, 5260.0, 5412.0, 5662.0, 5715.0, 5599.0, 5574.0, 5294.0, 5483.0, 5257.0, 5428.0, 5491.0, 5425.0 (number of hits: 34)
7	5570	9	1	333	1	5371.0, 5576.0, 5640.0, 5453.0, 5545.0, 5475.0, 5445.0, 5470.0, 5685.0, 5348.0, 5441.0, 5447.0, 5587.0, 5465.0, 5488.0, 5539.0, 5579.0, 5555.0, 5716.0, 5591.0, 5585.0, 5682.0, 5528.0, 5617.0, 5474.0, 5296.0, 5509.0, 5418.0, 5675.0, 5534.0, 5663.0, 5372.0, 5706.0, 5262.0, 5486.0, 5324.0, 5417.0, 5266.0, 5321.0, 5328.0, 5489.0, 5605.0, 5620.0, 5335.0, 5639.0, 5306.0, 5611.0, 5524.0, 5471.0, 5431.0, 5502.0, 5593.0, 5710.0, 5317.0, 5422.0, 5554.0, 5500.0, 5440.0, 5424.0, 5404.0, 5497.0, 5285.0, 5523.0, 5434.0, 5363.0, 5380.0, 5566.0, 5501.0, 5496.0, 5724.0, 5581.0, 5638.0, 5362.0, 5261.0, 5405.0, 5506.0, 5580.0, 5671.0, 5508.0, 5450.0, 5636.0, 5565.0, 5323.0, 5492.0, 5413.0, 5409.0, 5354.0, 5559.0, 5292.0, 5627.0, 5512.0, 5360.0, 5507.0, 5442.0, 5429.0, 5368.0, 5550.0, 5319.0, 5722.0, 5561.0 (number of hits: 41)
8	5570	9	1	333	1	5620.0, 5677.0, 5430.0, 5657.0, 5450.0, 5374.0, 5471.0, 5702.0, 5709.0, 5654.0, 5501.0, 5564.0, 5644.0, 5337.0, 5253.0, 5309.0, 5260.0, 5650.0, 5630.0, 5470.0, 5362.0, 5456.0, 5505.0, 5679.0, 5706.0, 5722.0, 5295.0, 5707.0, 5634.0, 5678.0, 5492.0, 5523.0, 5399.0, 5460.0, 5655.0, 5599.0, 5553.0, 5359.0, 5685.0, 5432.0, 5632.0, 5643.0, 5398.0, 5642.0, 5608.0, 5626.0, 5542.0, 5547.0, 5511.0, 5573.0, 5282.0, 5720.0, 5723.0, 5338.0, 5269.0, 5365.0, 5440.0, 5699.0, 5691.0, 5669.0, 5448.0, 5570.0, 5600.0, 5530.0, 5716.0, 5589.0, 5279.0, 5701.0, 5666.0, 5258.0, 5395.0, 5578.0, 5697.0, 5510.0, 5332.0, 5566.0, 5700.0, 5283.0, 5463.0, 5496.0, 5474.0, 5419.0, 5479.0, 5317.0, 5527.0, 5371.0, 5464.0, 5587.0, 5336.0, 5409.0, 5659.0, 5577.0, 5404.0, 5592.0, 5378.0, 5465.0, 5673.0, 5272.0, 5318.0, 5531.0 (number of hits: 33)
9	5570	9	1	333	1	5643.0, 5386.0, 5445.0, 5588.0, 5562.0, 5720.0, 5281.0, 5331.0, 5374.0, 5625.0, 5350.0, 5536.0, 5435.0, 5525.0, 5723.0, 5384.0, 5721.0, 5371.0, 5516.0, 5618.0, 5418.0, 5569.0, 5644.0, 5354.0, 5567.0, 5327.0, 5684.0, 5340.0, 5566.0, 5293.0,

						5424.0, 5600.0, 5251.0, 5420.0, 5666.0, 5322.0, 5258.0, 5572.0, 5320.0, 5629.0, 5519.0, 5692.0, 5669.0, 5275.0, 5324.0, 5474.0, 5314.0, 5297.0, 5404.0, 5402.0, 5348.0, 5701.0, 5570.0, 5416.0, 5399.0, 5265.0, 5512.0, 5511.0, 5514.0, 5419.0, 5294.0, 5705.0, 5268.0, 5699.0, 5292.0, 5305.0, 5500.0, 5681.0, 5488.0, 5304.0, 5454.0, 5437.0, 5638.0, 5642.0, 5385.0, 5283.0, 5312.0, 5522.0, 5605.0, 5280.0, 5510.0, 5303.0, 5269.0, 5503.0, 5260.0, 5612.0, 5628.0, 5674.0, 5623.0, 5431.0, 5539.0, 5471.0, 5558.0, 5464.0, 5432.0, 5375.0, 5694.0, 5672.0, 5535.0, 5533.0 (number of hits: 34)
10	5570	9	1	333	1	5563.0, 5253.0, 5580.0, 5328.0, 5598.0, 5619.0, 5511.0, 5419.0, 5548.0, 5523.0, 5645.0, 5407.0, 5625.0, 5718.0, 5413.0, 5608.0, 5607.0, 5515.0, 5656.0, 5285.0, 5572.0, 5307.0, 5341.0, 5615.0, 5359.0, 5423.0, 5439.0, 5450.0, 5372.0, 5553.0, 5539.0, 5322.0, 5723.0, 5433.0, 5661.0, 5406.0, 5552.0, 5568.0, 5416.0, 5524.0, 5520.0, 5435.0, 5696.0, 5323.0, 5449.0, 5363.0, 5702.0, 5289.0, 5634.0, 5506.0, 5680.0, 5468.0, 5617.0, 5324.0, 5666.0, 5693.0, 5264.0, 5436.0, 5431.0, 5378.0, 5374.0, 5562.0, 5519.0, 5325.0, 5632.0, 5438.0, 5256.0, 5437.0, 5492.0, 5300.0, 5635.0, 5470.0, 5549.0, 5571.0, 5403.0, 5345.0, 5422.0, 5432.0, 5408.0, 5327.0, 5370.0, 5402.0, 5262.0, 5354.0, 5409.0, 5710.0, 5692.0, 5715.0, 5280.0, 5545.0, 5365.0, 5315.0, 5404.0, 5614.0, 5376.0, 5282.0, 5275.0, 5721.0, 5414.0, 5401.0 (number of hits: 32)
11	5570	9	1	333	1	5452.0, 5286.0, 5457.0, 5506.0, 5390.0, 5334.0, 5299.0, 5635.0, 5350.0, 5542.0, 5442.0, 5292.0, 5515.0, 5433.0, 5683.0, 5322.0, 5495.0, 5453.0, 5630.0, 5613.0, 5395.0, 5587.0, 5624.0, 5653.0, 5361.0, 5675.0, 5618.0, 5401.0, 5372.0, 5406.0, 5325.0, 5680.0, 5360.0, 5501.0, 5724.0, 5353.0, 5423.0, 5557.0, 5521.0, 5574.0, 5429.0, 5661.0, 5556.0, 5631.0, 5260.0, 5484.0, 5580.0, 5447.0, 5686.0, 5652.0, 5254.0, 5523.0, 5616.0, 5581.0, 5629.0, 5582.0, 5400.0, 5255.0, 5531.0, 5379.0, 5293.0, 5575.0, 5563.0, 5389.0, 5364.0, 5331.0, 5265.0, 5460.0, 5339.0, 5706.0, 5660.0, 5300.0, 5663.0, 5310.0, 5358.0, 5561.0, 5342.0, 5555.0, 5378.0, 5272.0, 5368.0, 5651.0, 5552.0, 5277.0, 5711.0, 5419.0, 5283.0, 5656.0, 5387.0, 5264.0, 5445.0, 5539.0, 5417.0, 5434.0, 5499.0, 5385.0, 5505.0, 5634.0, 5654.0, 5678.0 (number of hits: 32)
12	5570	9	1	333	1	5702.0, 5496.0, 5404.0, 5458.0, 5608.0, 5714.0, 5521.0, 5602.0, 5378.0, 5540.0, 5676.0, 5351.0, 5350.0, 5551.0, 5625.0,

						5329.0, 5335.0, 5634.0, 5385.0, 5264.0, 5366.0, 5651.0, 5483.0, 5285.0, 5449.0, 5320.0, 5357.0, 5555.0, 5296.0, 5527.0, 5305.0, 5295.0, 5341.0, 5287.0, 5261.0, 5587.0, 5255.0, 5510.0, 5422.0, 5693.0, 5640.0, 5494.0, 5668.0, 5648.0, 5324.0, 5574.0, 5567.0, 5372.0, 5541.0, 5523.0, 5675.0, 5395.0, 5373.0, 5435.0, 5592.0, 5330.0, 5479.0, 5653.0, 5336.0, 5722.0, 5502.0, 5669.0, 5516.0, 5600.0, 5605.0, 5597.0, 5713.0, 5654.0, 5619.0, 5626.0, 5436.0, 5256.0, 5381.0, 5577.0, 5505.0, 5376.0, 5682.0, 5294.0, 5627.0, 5370.0, 5697.0, 5658.0, 5445.0, 5423.0, 5695.0, 5253.0, 5536.0, 5457.0, 5348.0, 5467.0, 5528.0, 5441.0, 5686.0, 5284.0, 5475.0, 5289.0, 5410.0, 5616.0, 5656.0, 5379.0 (number of hits: 32)
13	5570	9	1	333	1	5261.0, 5369.0, 5549.0, 5416.0, 5685.0, 5679.0, 5495.0, 5564.0, 5653.0, 5627.0, 5618.0, 5688.0, 5321.0, 5486.0, 5275.0, 5500.0, 5704.0, 5421.0, 5352.0, 5391.0, 5255.0, 5303.0, 5613.0, 5525.0, 5479.0, 5588.0, 5316.0, 5723.0, 5449.0, 5447.0, 5471.0, 5358.0, 5273.0, 5522.0, 5339.0, 5418.0, 5539.0, 5508.0, 5423.0, 5671.0, 5621.0, 5620.0, 5410.0, 5554.0, 5386.0, 5431.0, 5373.0, 5643.0, 5438.0, 5691.0, 5351.0, 5367.0, 5708.0, 5658.0, 5294.0, 5682.0, 5551.0, 5441.0, 5592.0, 5568.0, 5253.0, 5446.0, 5288.0, 5455.0, 5360.0, 5286.0, 5639.0, 5426.0, 5560.0, 5347.0, 5572.0, 5651.0, 5262.0, 5398.0, 5337.0, 5341.0, 5485.0, 5533.0, 5693.0, 5333.0, 5368.0, 5327.0, 5400.0, 5266.0, 5336.0, 5528.0, 5325.0, 5606.0, 5512.0, 5628.0, 5340.0, 5264.0, 5561.0, 5524.0, 5251.0, 5440.0, 5492.0, 5319.0, 5328.0, 5617.0 (number of hits: 31)
14	5570	9	1	333	1	5709.0, 5383.0, 5394.0, 5480.0, 5619.0, 5675.0, 5642.0, 5446.0, 5271.0, 5715.0, 5259.0, 5591.0, 5502.0, 5609.0, 5712.0, 5316.0, 5293.0, 5604.0, 5494.0, 5433.0, 5701.0, 5448.0, 5297.0, 5445.0, 5686.0, 5384.0, 5557.0, 5379.0, 5634.0, 5723.0, 5265.0, 5401.0, 5679.0, 5671.0, 5507.0, 5579.0, 5621.0, 5608.0, 5575.0, 5581.0, 5317.0, 5632.0, 5449.0, 5635.0, 5396.0, 5454.0, 5403.0, 5477.0, 5458.0, 5468.0, 5330.0, 5720.0, 5563.0, 5699.0, 5452.0, 5472.0, 5561.0, 5526.0, 5489.0, 5515.0, 5375.0, 5276.0, 5281.0, 5657.0, 5353.0, 5309.0, 5541.0, 5543.0, 5455.0, 5618.0, 5586.0, 5431.0, 5320.0, 5542.0, 5381.0, 5429.0, 5284.0, 5490.0, 5647.0, 5393.0, 5669.0, 5624.0, 5510.0, 5323.0, 5702.0, 5602.0, 5398.0, 5250.0, 5528.0, 5437.0, 5327.0, 5520.0, 5402.0, 5273.0, 5574.0, 5648.0, 5382.0, 5509.0, 5622.0, 5324.0 (number of hits: 35)

15	5570	9	1	333	1	5283.0, 5319.0, 5637.0, 5578.0, 5424.0, 5314.0, 5376.0, 5501.0, 5569.0, 5595.0, 5643.0, 5373.0, 5499.0, 5492.0, 5519.0, 5546.0, 5632.0, 5392.0, 5614.0, 5326.0, 5421.0, 5523.0, 5433.0, 5352.0, 5274.0, 5597.0, 5685.0, 5591.0, 5262.0, 5716.0, 5412.0, 5416.0, 5651.0, 5702.0, 5459.0, 5689.0, 5561.0, 5455.0, 5372.0, 5454.0, 5486.0, 5505.0, 5654.0, 5583.0, 5649.0, 5341.0, 5623.0, 5403.0, 5706.0, 5582.0, 5446.0, 5355.0, 5415.0, 5496.0, 5594.0, 5609.0, 5658.0, 5593.0, 5297.0, 5484.0, 5605.0, 5413.0, 5601.0, 5400.0, 5427.0, 5621.0, 5559.0, 5273.0, 5276.0, 5488.0, 5680.0, 5329.0, 5465.0, 5380.0, 5293.0, 5461.0, 5256.0, 5692.0, 5703.0, 5470.0, 5684.0, 5258.0, 5374.0, 5422.0, 5682.0, 5613.0, 5282.0, 5462.0, 5469.0, 5588.0, 5481.0, 5437.0, 5612.0, 5431.0, 5602.0, 5266.0, 5345.0, 5472.0, 5406.0, 5539.0 (number of hits: 33)
16	5570	9	1	333	1	5287.0, 5326.0, 5573.0, 5604.0, 5651.0, 5527.0, 5657.0, 5354.0, 5484.0, 5274.0, 5678.0, 5310.0, 5398.0, 5307.0, 5643.0, 5699.0, 5343.0, 5631.0, 5680.0, 5588.0, 5408.0, 5551.0, 5565.0, 5433.0, 5273.0, 5281.0, 5563.0, 5302.0, 5582.0, 5358.0, 5581.0, 5483.0, 5458.0, 5663.0, 5665.0, 5625.0, 5666.0, 5689.0, 5411.0, 5609.0, 5515.0, 5595.0, 5275.0, 5454.0, 5544.0, 5641.0, 5698.0, 5696.0, 5461.0, 5675.0, 5499.0, 5510.0, 5634.0, 5580.0, 5385.0, 5443.0, 5496.0, 5555.0, 5676.0, 5673.0, 5331.0, 5492.0, 5644.0, 5272.0, 5264.0, 5394.0, 5562.0, 5459.0, 5265.0, 5303.0, 5427.0, 5370.0, 5429.0, 5284.0, 5700.0, 5337.0, 5269.0, 5620.0, 5569.0, 5339.0, 5599.0, 5465.0, 5534.0, 5418.0, 5520.0, 5422.0, 5529.0, 5670.0, 5704.0, 5332.0, 5504.0, 5305.0, 5364.0, 5253.0, 5561.0, 5539.0, 5497.0, 5654.0, 5456.0, 5405.0 (number of hits: 36)
17	5570	9	1	333	1	5579.0, 5264.0, 5602.0, 5310.0, 5716.0, 5538.0, 5408.0, 5537.0, 5512.0, 5627.0, 5464.0, 5658.0, 5611.0, 5691.0, 5437.0, 5711.0, 5521.0, 5277.0, 5648.0, 5490.0, 5575.0, 5667.0, 5466.0, 5252.0, 5269.0, 5608.0, 5703.0, 5357.0, 5599.0, 5281.0, 5529.0, 5304.0, 5477.0, 5262.0, 5412.0, 5717.0, 5462.0, 5326.0, 5519.0, 5394.0, 5516.0, 5659.0, 5507.0, 5522.0, 5342.0, 5422.0, 5664.0, 5565.0, 5515.0, 5701.0, 5719.0, 5309.0, 5655.0, 5568.0, 5661.0, 5261.0, 5572.0, 5693.0, 5382.0, 5709.0, 5713.0, 5484.0, 5539.0, 5434.0, 5474.0, 5626.0, 5567.0, 5563.0, 5471.0, 5305.0, 5684.0, 5381.0, 5638.0, 5678.0, 5409.0, 5660.0, 5696.0, 5479.0, 5280.0, 5620.0, 5616.0, 5643.0, 5663.0, 5625.0, 5618.0, 5370.0, 5465.0, 5536.0, 5550.0, 5315.0,

						5669.0, 5439.0, 5452.0, 5426.0, 5448.0, 5424.0, 5552.0, 5383.0, 5675.0, 5698.0 (number of hits: 33)
18	5570	9	1	333	1	5704.0, 5268.0, 5293.0, 5403.0, 5338.0, 5401.0, 5606.0, 5459.0, 5433.0, 5282.0, 5564.0, 5706.0, 5360.0, 5707.0, 5599.0, 5458.0, 5644.0, 5407.0, 5616.0, 5395.0, 5569.0, 5580.0, 5654.0, 5306.0, 5641.0, 5307.0, 5277.0, 5508.0, 5549.0, 5488.0, 5603.0, 5447.0, 5431.0, 5279.0, 5493.0, 5690.0, 5524.0, 5494.0, 5712.0, 5502.0, 5649.0, 5542.0, 5405.0, 5637.0, 5552.0, 5547.0, 5716.0, 5653.0, 5538.0, 5548.0, 5477.0, 5262.0, 5659.0, 5314.0, 5346.0, 5414.0, 5280.0, 5596.0, 5600.0, 5261.0, 5563.0, 5642.0, 5667.0, 5504.0, 5258.0, 5311.0, 5523.0, 5719.0, 5412.0, 5387.0, 5263.0, 5300.0, 5550.0, 5639.0, 5357.0, 5303.0, 5559.0, 5334.0, 5635.0, 5355.0, 5419.0, 5577.0, 5378.0, 5566.0, 5657.0, 5489.0, 5442.0, 5276.0, 5426.0, 5391.0, 5666.0, 5721.0, 5630.0, 5701.0, 5441.0, 5570.0, 5402.0, 5343.0, 5330.0, 5265.0 (number of hits: 35)
19	5570	9	1	333	1	5272.0, 5580.0, 5704.0, 5505.0, 5378.0, 5677.0, 5584.0, 5367.0, 5398.0, 5303.0, 5442.0, 5521.0, 5682.0, 5599.0, 5722.0, 5643.0, 5351.0, 5585.0, 5661.0, 5723.0, 5480.0, 5499.0, 5510.0, 5685.0, 5294.0, 5586.0, 5319.0, 5576.0, 5466.0, 5433.0, 5346.0, 5686.0, 5268.0, 5314.0, 5417.0, 5311.0, 5642.0, 5256.0, 5666.0, 5544.0, 5578.0, 5283.0, 5376.0, 5253.0, 5488.0, 5625.0, 5549.0, 5679.0, 5475.0, 5411.0, 5619.0, 5493.0, 5445.0, 5352.0, 5364.0, 5313.0, 5446.0, 5570.0, 5673.0, 5717.0, 5672.0, 5563.0, 5694.0, 5323.0, 5484.0, 5412.0, 5390.0, 5628.0, 5296.0, 5724.0, 5428.0, 5271.0, 5605.0, 5469.0, 5498.0, 5617.0, 5648.0, 5451.0, 5389.0, 5369.0, 5532.0, 5492.0, 5402.0, 5719.0, 5721.0, 5543.0, 5592.0, 5347.0, 5440.0, 5306.0, 5373.0, 5531.0, 5261.0, 5478.0, 5404.0, 5455.0, 5284.0, 5295.0, 5522.0, 5556.0 (number of hits: 31)
20	5570	9	1	333	1	5252.0, 5403.0, 5689.0, 5431.0, 5686.0, 5712.0, 5434.0, 5557.0, 5416.0, 5697.0, 5267.0, 5541.0, 5498.0, 5674.0, 5626.0, 5594.0, 5373.0, 5572.0, 5372.0, 5536.0, 5619.0, 5332.0, 5700.0, 5611.0, 5387.0, 5616.0, 5341.0, 5440.0, 5662.0, 5632.0, 5291.0, 5667.0, 5480.0, 5461.0, 5378.0, 5655.0, 5430.0, 5299.0, 5592.0, 5659.0, 5618.0, 5654.0, 5338.0, 5438.0, 5641.0, 5566.0, 5457.0, 5337.0, 5436.0, 5687.0, 5435.0, 5463.0, 5345.0, 5627.0, 5603.0, 5596.0, 5362.0, 5529.0, 5694.0, 5715.0, 5441.0, 5516.0, 5467.0, 5392.0, 5443.0, 5515.0, 5707.0, 5382.0, 5268.0, 5357.0, 5714.0, 5421.0, 5660.0, 5582.0, 5605.0,

						5468.0, 5678.0, 5474.0, 5711.0, 5508.0, 5290.0, 5719.0, 5612.0, 5492.0, 5397.0, 5646.0, 5579.0, 5449.0, 5670.0, 5304.0, 5419.0, 5402.0, 5412.0, 5451.0, 5281.0, 5683.0, 5260.0, 5483.0, 5364.0, 5494.0 (number of hits: 29)
21	5570	9	1	333	1	5639.0, 5286.0, 5662.0, 5510.0, 5497.0, 5508.0, 5702.0, 5433.0, 5635.0, 5604.0, 5682.0, 5487.0, 5491.0, 5318.0, 5519.0, 5417.0, 5457.0, 5466.0, 5464.0, 5523.0, 5657.0, 5443.0, 5570.0, 5544.0, 5603.0, 5308.0, 5641.0, 5594.0, 5553.0, 5359.0, 5680.0, 5362.0, 5276.0, 5475.0, 5525.0, 5581.0, 5584.0, 5706.0, 5432.0, 5693.0, 5260.0, 5684.0, 5672.0, 5500.0, 5305.0, 5663.0, 5566.0, 5543.0, 5408.0, 5430.0, 5406.0, 5263.0, 5548.0, 5413.0, 5687.0, 5565.0, 5679.0, 5274.0, 5354.0, 5546.0, 5715.0, 5634.0, 5426.0, 5582.0, 5411.0, 5562.0, 5467.0, 5327.0, 5448.0, 5353.0, 5579.0, 5456.0, 5341.0, 5571.0, 5477.0, 5326.0, 5559.0, 5416.0, 5665.0, 5295.0, 5476.0, 5434.0, 5694.0, 5338.0, 5636.0, 5638.0, 5275.0, 5617.0, 5612.0, 5425.0, 5412.0, 5670.0, 5470.0, 5648.0, 5516.0, 5324.0, 5593.0, 5556.0, 5590.0, 5645.0 (number of hits: 38)
22	5570	9	1	333	1	5292.0, 5588.0, 5274.0, 5425.0, 5649.0, 5295.0, 5269.0, 5717.0, 5414.0, 5693.0, 5515.0, 5325.0, 5468.0, 5630.0, 5356.0, 5629.0, 5716.0, 5339.0, 5482.0, 5386.0, 5334.0, 5388.0, 5491.0, 5288.0, 5360.0, 5460.0, 5621.0, 5710.0, 5453.0, 5613.0, 5296.0, 5590.0, 5472.0, 5679.0, 5576.0, 5583.0, 5434.0, 5417.0, 5380.0, 5389.0, 5281.0, 5256.0, 5263.0, 5370.0, 5692.0, 5711.0, 5591.0, 5448.0, 5470.0, 5305.0, 5563.0, 5487.0, 5642.0, 5599.0, 5554.0, 5385.0, 5271.0, 5605.0, 5654.0, 5442.0, 5640.0, 5512.0, 5318.0, 5660.0, 5450.0, 5513.0, 5585.0, 5530.0, 5463.0, 5592.0, 5703.0, 5565.0, 5480.0, 5643.0, 5433.0, 5560.0, 5395.0, 5555.0, 5474.0, 5397.0, 5511.0, 5619.0, 5549.0, 5393.0, 5488.0, 5706.0, 5262.0, 5719.0, 5322.0, 5547.0, 5441.0, 5501.0, 5307.0, 5609.0, 5623.0, 5628.0, 5566.0, 5708.0, 5337.0, 5461.0 (number of hits: 34)
23	5570	9	1	333	1	5538.0, 5641.0, 5716.0, 5331.0, 5484.0, 5268.0, 5540.0, 5507.0, 5349.0, 5441.0, 5595.0, 5544.0, 5648.0, 5425.0, 5488.0, 5591.0, 5701.0, 5467.0, 5313.0, 5469.0, 5472.0, 5439.0, 5677.0, 5720.0, 5336.0, 5529.0, 5263.0, 5275.0, 5346.0, 5341.0, 5589.0, 5273.0, 5657.0, 5496.0, 5470.0, 5650.0, 5582.0, 5619.0, 5300.0, 5431.0, 5418.0, 5462.0, 5487.0, 5575.0, 5664.0, 5324.0, 5696.0, 5697.0, 5614.0, 5315.0, 5536.0, 5361.0, 5714.0, 5587.0, 5565.0, 5680.0, 5475.0, 5262.0, 5308.0, 5721.0,

						5667.0, 5479.0, 5550.0, 5277.0, 5417.0, 5532.0, 5340.0, 5526.0, 5375.0, 5329.0, 5618.0, 5719.0, 5450.0, 5535.0, 5311.0, 5416.0, 5546.0, 5521.0, 5459.0, 5266.0, 5512.0, 5413.0, 5326.0, 5660.0, 5426.0, 5523.0, 5454.0, 5661.0, 5695.0, 5280.0, 5623.0, 5644.0, 5688.0, 5698.0, 5265.0, 5511.0, 5567.0, 5355.0, 5289.0, 5437.0 (number of hits: 30)
24	5570	9	1	333	1	5261.0, 5375.0, 5263.0, 5544.0, 5639.0, 5426.0, 5505.0, 5605.0, 5396.0, 5465.0, 5400.0, 5309.0, 5530.0, 5282.0, 5494.0, 5572.0, 5307.0, 5723.0, 5430.0, 5649.0, 5666.0, 5647.0, 5372.0, 5586.0, 5659.0, 5518.0, 5508.0, 5525.0, 5310.0, 5724.0, 5326.0, 5469.0, 5381.0, 5357.0, 5671.0, 5527.0, 5713.0, 5308.0, 5257.0, 5470.0, 5529.0, 5301.0, 5398.0, 5536.0, 5341.0, 5477.0, 5387.0, 5634.0, 5352.0, 5349.0, 5452.0, 5264.0, 5483.0, 5611.0, 5414.0, 5594.0, 5383.0, 5474.0, 5630.0, 5557.0, 5606.0, 5258.0, 5629.0, 5489.0, 5711.0, 5298.0, 5269.0, 5538.0, 5668.0, 5607.0, 5293.0, 5603.0, 5323.0, 5682.0, 5412.0, 5484.0, 5475.0, 5364.0, 5495.0, 5678.0, 5567.0, 5661.0, 5596.0, 5642.0, 5297.0, 5543.0, 5680.0, 5656.0, 5675.0, 5382.0, 5340.0, 5699.0, 5637.0, 5413.0, 5626.0, 5677.0, 5371.0, 5498.0, 5319.0, 5450.0 (number of hits: 33)
25	5570	9	1	333	1	5273.0, 5278.0, 5479.0, 5291.0, 5713.0, 5721.0, 5638.0, 5702.0, 5636.0, 5366.0, 5542.0, 5692.0, 5653.0, 5327.0, 5408.0, 5704.0, 5294.0, 5441.0, 5478.0, 5395.0, 5267.0, 5680.0, 5663.0, 5687.0, 5693.0, 5485.0, 5630.0, 5556.0, 5465.0, 5593.0, 5512.0, 5416.0, 5541.0, 5576.0, 5518.0, 5618.0, 5723.0, 5375.0, 5581.0, 5438.0, 5649.0, 5521.0, 5335.0, 5347.0, 5391.0, 5646.0, 5667.0, 5415.0, 5656.0, 5562.0, 5353.0, 5575.0, 5253.0, 5407.0, 5315.0, 5504.0, 5696.0, 5430.0, 5431.0, 5587.0, 5637.0, 5674.0, 5519.0, 5565.0, 5351.0, 5464.0, 5381.0, 5594.0, 5589.0, 5318.0, 5282.0, 5386.0, 5461.0, 5326.0, 5425.0, 5501.0, 5437.0, 5350.0, 5595.0, 5491.0, 5592.0, 5549.0, 5428.0, 5451.0, 5254.0, 5605.0, 5544.0, 5455.0, 5600.0, 5295.0, 5448.0, 5368.0, 5466.0, 5297.0, 5658.0, 5367.0, 5299.0, 5477.0, 5255.0, 5263.0 (number of hits: 30)
26	5570	9	1	333	1	5560.0, 5447.0, 5553.0, 5280.0, 5332.0, 5271.0, 5448.0, 5306.0, 5718.0, 5712.0, 5334.0, 5656.0, 5358.0, 5506.0, 5276.0, 5674.0, 5325.0, 5580.0, 5700.0, 5420.0, 5697.0, 5662.0, 5460.0, 5616.0, 5717.0, 5713.0, 5530.0, 5318.0, 5391.0, 5565.0, 5642.0, 5720.0, 5596.0, 5433.0, 5550.0, 5329.0, 5597.0, 5607.0, 5407.0, 5624.0, 5352.0, 5295.0, 5323.0, 5586.0, 5450.0,

						5707.0, 5517.0, 5298.0, 5494.0, 5273.0, 5604.0, 5522.0, 5348.0, 5294.0, 5328.0, 5344.0, 5426.0, 5293.0, 5393.0, 5523.0, 5556.0, 5285.0, 5483.0, 5422.0, 5473.0, 5398.0, 5380.0, 5368.0, 5444.0, 5599.0, 5620.0, 5310.0, 5643.0, 5437.0, 5346.0, 5261.0, 5481.0, 5691.0, 5475.0, 5459.0, 5503.0, 5673.0, 5675.0, 5681.0, 5472.0, 5392.0, 5648.0, 5651.0, 5260.0, 5614.0, 5281.0, 5606.0, 5680.0, 5628.0, 5356.0, 5484.0, 5303.0, 5316.0, 5350.0, 5576.0 (number of hits: 28)
27	5570	9	1	333	1	5402.0, 5656.0, 5376.0, 5340.0, 5701.0, 5394.0, 5607.0, 5615.0, 5676.0, 5496.0, 5702.0, 5390.0, 5453.0, 5678.0, 5559.0, 5490.0, 5276.0, 5657.0, 5618.0, 5592.0, 5354.0, 5619.0, 5265.0, 5438.0, 5646.0, 5500.0, 5541.0, 5412.0, 5450.0, 5509.0, 5252.0, 5629.0, 5583.0, 5430.0, 5506.0, 5515.0, 5358.0, 5286.0, 5422.0, 5326.0, 5688.0, 5421.0, 5660.0, 5530.0, 5381.0, 5263.0, 5488.0, 5664.0, 5585.0, 5360.0, 5686.0, 5652.0, 5269.0, 5409.0, 5350.0, 5597.0, 5342.0, 5504.0, 5341.0, 5577.0, 5720.0, 5696.0, 5574.0, 5627.0, 5600.0, 5655.0, 5328.0, 5399.0, 5631.0, 5291.0, 5599.0, 5598.0, 5293.0, 5349.0, 5473.0, 5685.0, 5482.0, 5278.0, 5539.0, 5377.0, 5491.0, 5628.0, 5387.0, 5718.0, 5474.0, 5454.0, 5270.0, 5690.0, 5447.0, 5540.0, 5625.0, 5516.0, 5464.0, 5481.0, 5413.0, 5561.0, 5575.0, 5428.0, 5287.0, 5371.0 (number of hits: 33)
28	5570	9	1	333	1	5436.0, 5630.0, 5634.0, 5435.0, 5488.0, 5723.0, 5616.0, 5569.0, 5709.0, 5663.0, 5347.0, 5716.0, 5656.0, 5419.0, 5502.0, 5311.0, 5509.0, 5381.0, 5597.0, 5474.0, 5690.0, 5265.0, 5335.0, 5449.0, 5490.0, 5671.0, 5456.0, 5522.0, 5539.0, 5398.0, 5526.0, 5262.0, 5621.0, 5268.0, 5470.0, 5355.0, 5707.0, 5256.0, 5703.0, 5721.0, 5724.0, 5620.0, 5702.0, 5422.0, 5577.0, 5270.0, 5594.0, 5371.0, 5339.0, 5447.0, 5352.0, 5682.0, 5287.0, 5286.0, 5652.0, 5402.0, 5477.0, 5481.0, 5604.0, 5507.0, 5250.0, 5374.0, 5430.0, 5290.0, 5453.0, 5562.0, 5469.0, 5598.0, 5437.0, 5334.0, 5298.0, 5297.0, 5505.0, 5383.0, 5710.0, 5465.0, 5376.0, 5429.0, 5325.0, 5378.0, 5568.0, 5284.0, 5440.0, 5653.0, 5418.0, 5404.0, 5466.0, 5315.0, 5551.0, 5341.0, 5649.0, 5718.0, 5321.0, 5673.0, 5475.0, 5605.0, 5531.0, 5582.0, 5589.0, 5638.0 (number of hits: 26)
29	5570	9	1	333	1	5362.0, 5450.0, 5445.0, 5422.0, 5367.0, 5578.0, 5649.0, 5610.0, 5325.0, 5399.0, 5443.0, 5298.0, 5286.0, 5250.0, 5634.0, 5437.0, 5426.0, 5709.0, 5375.0, 5402.0, 5686.0, 5515.0, 5390.0, 5523.0, 5641.0, 5269.0, 5493.0, 5505.0, 5459.0, 5571.0,

						5294.0, 5669.0, 5266.0, 5448.0, 5381.0, 5591.0, 5516.0, 5491.0, 5598.0, 5648.0, 5251.0, 5343.0, 5545.0, 5668.0, 5374.0, 5592.0, 5355.0, 5273.0, 5586.0, 5574.0, 5658.0, 5409.0, 5661.0, 5338.0, 5514.0, 5676.0, 5606.0, 5278.0, 5484.0, 5632.0, 5599.0, 5314.0, 5423.0, 5708.0, 5651.0, 5702.0, 5292.0, 5501.0, 5555.0, 5712.0, 5582.0, 5643.0, 5401.0, 5391.0, 5277.0, 5662.0, 5670.0, 5305.0, 5663.0, 5345.0, 5365.0, 5544.0, 5524.0, 5720.0, 5272.0, 5620.0, 5373.0, 5341.0, 5711.0, 5585.0, 5296.0, 5303.0, 5562.0, 5615.0, 5502.0, 5334.0, 5511.0, 5503.0, 5659.0, 5478.0 (number of hits: 33)
30	5570	9	1	333	1	5253.0, 5599.0, 5282.0, 5389.0, 5286.0, 5595.0, 5255.0, 5461.0, 5667.0, 5525.0, 5656.0, 5521.0, 5350.0, 5502.0, 5445.0, 5659.0, 5476.0, 5531.0, 5500.0, 5321.0, 5295.0, 5516.0, 5532.0, 5550.0, 5318.0, 5605.0, 5715.0, 5258.0, 5570.0, 5311.0, 5385.0, 5598.0, 5319.0, 5691.0, 5364.0, 5574.0, 5372.0, 5460.0, 5278.0, 5631.0, 5266.0, 5345.0, 5716.0, 5483.0, 5384.0, 5397.0, 5362.0, 5657.0, 5547.0, 5464.0, 5454.0, 5436.0, 5580.0, 5272.0, 5577.0, 5336.0, 5672.0, 5493.0, 5682.0, 5310.0, 5459.0, 5333.0, 5252.0, 5585.0, 5693.0, 5414.0, 5408.0, 5510.0, 5358.0, 5263.0, 5546.0, 5378.0, 5366.0, 5542.0, 5511.0, 5431.0, 5703.0, 5649.0, 5677.0, 5377.0, 5250.0, 5564.0, 5291.0, 5301.0, 5418.0, 5643.0, 5354.0, 5640.0, 5420.0, 5658.0, 5661.0, 5696.0, 5417.0, 5425.0, 5410.0, 5402.0, 5508.0, 5368.0, 5674.0, 5407.0 (number of hits: 28)

10 Appendix A– Test Setup Photographs

Please refer to the attachment

11 Appendix B - EUT External Photographs

Please refer to the attachment

12 Appendix C - EUT Internal Photographs

Please refer to the attachment

13 Appendix D (Normative) - A2LA Electrical Testing Certificate

Accredited Laboratory

A2LA has accredited

BAY AREA COMPLIANCE LABORATORIES CORP.

Sunnyvale, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets A2LA R222 - *Specific Requirements EPA ENERGY STAR Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 2nd day of October 2018.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3297.02
Valid to September 30, 2020
Revised February 21, 2019

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

Please follow the web link below for a full ISO 17025 scope

https://www.a2la.org/scopepdf/3297-02.pdf

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