REGULATORY COMPLIANCE TEST REPORT

FCC CFR 47 Part 15 Subpart E 15.407

Report No.: MIKO114-U6 DFS Addendum Rev A

Company: Mikrotikls SIA

Model Name: RB962UiGS-5HacT2HnT-US

REGULATORY COMPLIANCE TEST REPORT

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Model Name: RB962UiGS-5HacT2HnT-US

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: MIKO114-U6 DFS Addendum Rev A

This report supersedes: NONE

Applicant: Mikrotikls SIA
Brivibas gatve 214i
Riga, LV-1039
Latvia

Issue Date: 24th May 2021

Test Report Sections	Document Number
Master:	☐ MIKO114-U6 Master
RF Report:	☐ MIKO114-U6 RF Report
DFS:	☒ MIKO114-U6_DFS_Addendum

This Test Report is Issued Under the Authority of:

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A2LA ACCREDITED
TESTING CERT #2381.01

MiCOM Labs is an ISO 17025 Accredited Testing Laboratory

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1. ACCREDITATION, LISTINGS & RECOGNITION

1.1. TESTING ACCREDITATION

MiCOM Labs, Inc. is an accredited Electrical testing laboratory per the international standard ISO/IEC 17025:2017. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.01. MiCOM Labs test schedule is available at the following URL; http://www.a2la.org/scopepdf/2381-01.pdf

Accredited Laboratory

A2LA has accredited

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for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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 24th day of February 2020.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2381.01
Valid to November 30, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

1.2. RECOGNITION

MiCOM Labs, Inc is widely recognized for its wireless testing and certification capabilities. In addition to being recognized for Testing and Certification under Phase 2 Mutual Recognition Agreements (MRA) with Canada, Europe, United Kingdom and Japan, our international recognition includes Conformity Assessment Body (CAB) designation status under agreements with Asia Pacific (APEC) MRA Phase 1 countries giving acceptance of MiCOM Labs test reports. MiCOM Labs test reports are accepted globally.

Country	Recognition Body	Status	MRA Phase	Identification No.
USA	Federal Communications Commission (FCC)	TCB	-	US0159 Test Firm Designation#: US1084
Canada	Industry Canada (ISED)	FCB	APEC MRA 2	US0159 ISED#: 4143A
Japan	MIC (Ministry of Internal Affairs and Communication)	CAB	Japan MRA 2	RCB 210
	Japan Approvals Institute for Telecommunication Equipment (JATE)			
	VCCI	--	--	A-0012
Europe	European Commission	NB	EU MRA 2	NB 2280
United Kingdom	Department for Business, Energy & Industrial Strategy (BEIS)	AB	UK MRA 2	AB 2280
Mexico	Instituto Federal de Telecomunicaciones (IFT)	CAB	Mexico MRA 1	US0159
Australia	Australian Communications and Media Authority (ACMA)	CAB	APEC MRA 1	US0159
Hong Kong	Office of the Telecommunication Authority (OFTA)			
Korea	Ministry of Information and Communication Radio Research Laboratory (RRL)			
Singapore	Infocomm Development Authority (IDA)			
Taiwan	National Communications Commission (NCC) Bureau of Standards, Metrology and Inspection (BSMI)			
Vietnam	Ministry of Communication (MIC)			

TCB – Telecommunications Certification Bodies (TCB)
FCB – Foreign Certification Body
CAB – Conformity Assessment Body
NB – Notified Body
AB – Approved Body
MRA – Mutual Recognition Agreement
MRA Phase I - recognition for product testing
MRA Phase II – recognition for both product testing and certification

1.3. PRODUCT CERTIFICATION

MiCOM Labs, Inc. is an accredited Product Certification Body per the international standard ISO/IEC 17065:2012. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.02. MiCOM Labs test schedule is available at the following URL; http://www.a2la.org/scopepdf/2381-02.pdf

Accredited Product Certification Body

A2LA has accredited

MiCOM LABS

Pleasanton, CA

This product certification body is accredited in accordance with the recognized International Standard ISO/IEC 17065:2012 *Requirements for bodies certifying products, processes and services*. This product certification body also meets the A2LA R322 – *Specific Requirements – Notified Body Accreditation Requirements* and A2LA R308 - *Specific Requirements - ISO-IEC 17065 - Telecommunication Certification Body Accreditation Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a management system.

Presented this 24th day of February 2020

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2381.02
Valid to November 30, 2021

For the product certification schemes to which this accreditation applies, please refer to the organization's Product Certification Scope of Accreditation.

United States of America – Telecommunication Certification Body (TCB)
Industry Canada – Certification Body, CAB Identifier – US0159
Europe – Notified Body (NB), NB Identifier - 2280
UK – Approved Body (AB), AB Identifier - 2280
Japan – Recognized Certification Body (RCB), RCB Identifier - 210

2. DOCUMENT HISTORY

Document History		
Revision	Date	Comments
Draft	11th May 2021	Draft report for client review.
Rev A	24th May 2021	Initial release.
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In the above table the latest report revision will replace all earlier versions.

3. TEST RESULT CERTIFICATE

Manufacturer:	Mikrotikls SIA Brivibas gatve 214i Riga LV-1039 Latvia	**Tested By:**	MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Model:	RB962UiGS-5HacT2HnT-US	**Telephone:**	+1 925 462 0304
Type Of Equipment:	Wireless Access Point	**Fax:**	+1 925 462 0306
S/N's:	CC4F0D4D6D6A/051 / r2		
Test Date(s):	14 - 30 April 2021	**Website:**	www.micomlabs.com

STANDARD(S)	TEST RESULTS
FCC CFR 47 Part 15.407 & ISED RSS-247 DFS Requirements	**EQUIPMENT COMPLIES**

MiCOM Labs, Inc. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

Notes:

1. This document reports conditions under which testing was conducted and the results of testing performed.

2. Details of test methods used have been recorded and kept on file by the laboratory.

3. Test results apply only to the item(s) tested.

A2LA ACCREDITED TESTING CERT #2381.01

Approved & Released for MiCOM Labs, Inc. by:

Graeme Grieve
Quality Manager MiCOM Labs, Inc.

Gordon Hurst
President & CEO MiCOM Labs, Inc.

4. REFERENCES AND MEASUREMENT UNCERTAINTY

4.1. Normative References

REF.	PUBLICATION	YEAR	TITLE
I	KDB 662911 D01 & D02	Oct 31 2013	Guidance for measurement of output emission of devices that employ single transmitter with multiple outputs or systems with multiple transmitters operating simultaneously in the same frequency band
II	KDB 905462 D07 v02	22nd August 2016	Test guidance to demonstrate compliance for U-NII devices subject to DFS requirements.
III	KDB 926956 D01 v02	22nd August 2016	U-NII Device Transition Plan
IV	A2LA	5th October 2020	R105 - Requirement's When Making Reference to A2LA Accreditation Status
V	ANSI C63.10	2013	American National Standard for Testing Unlicensed Wireless Devices
VI	ANSI C63.4	2014	American National Standards for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
VII	CISPR 32	2015	Electromagnetic compatibility of multimedia equipment - Emission requirements
VIII	ETSI TR 100 028	2001-12	Parts 1 and 2 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics
IX	FCC 06-96	Jun 30 2006	Memorandum Opinion and Order
X	FCC 47 CFR Part 15.407	2020	Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices
XI	ICES-003	Issue 7 ; October 15,2020	Information Technology Equipment (Including Digital Apparatus) – Limits and methods of measurement.
XII	M 3003	Edition 3 Nov.2012	Expression of Uncertainty and Confidence in Measurements
XIII	RSS-247 Issue 2	Feb 2017	Digital Transmission Systems (DTSs), Frequency Hopping System (FHSs) and Licence-Exempt Local Area Network (LE-LEN) Devices
XIV	RSS-Gen Issue 5	2018	General Requirements for Compliance of Radio Apparatus. With Amendments 1: March 2019 and 2: Feb 2021.
XV	FCC 47 CFR Part 2.1033	2020	FCC requirements and rules regarding photographs and test setup diagrams.
XVI	KDB 905462 D02 v02	April 8 2016	Compliance Measurement Procedures for Unlicensed National Information Infrastructure devices operating in the 5250 to 5350 MHz and 5470 to 5725 MHz bands incorporating Dynamic Frequency Selection.
XVII	KDB 789033 D02 V02r01	14th December, 2017	Guidelines For Compliance Testing Of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

4.2. Test and Uncertainty Procedure

Conducted and radiated emission measurements were conducted in accordance with American National Standards Institute ANSI C63.4, listed in the Normative References section of this report.

Measurement uncertainty figures are calculated in accordance with ETSI TR 100 028 Parts 1 and 2.

Measurement uncertainties stated are based on a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95 % in accordance with UKAS document M 3003 listed in the Normative References section of this report.

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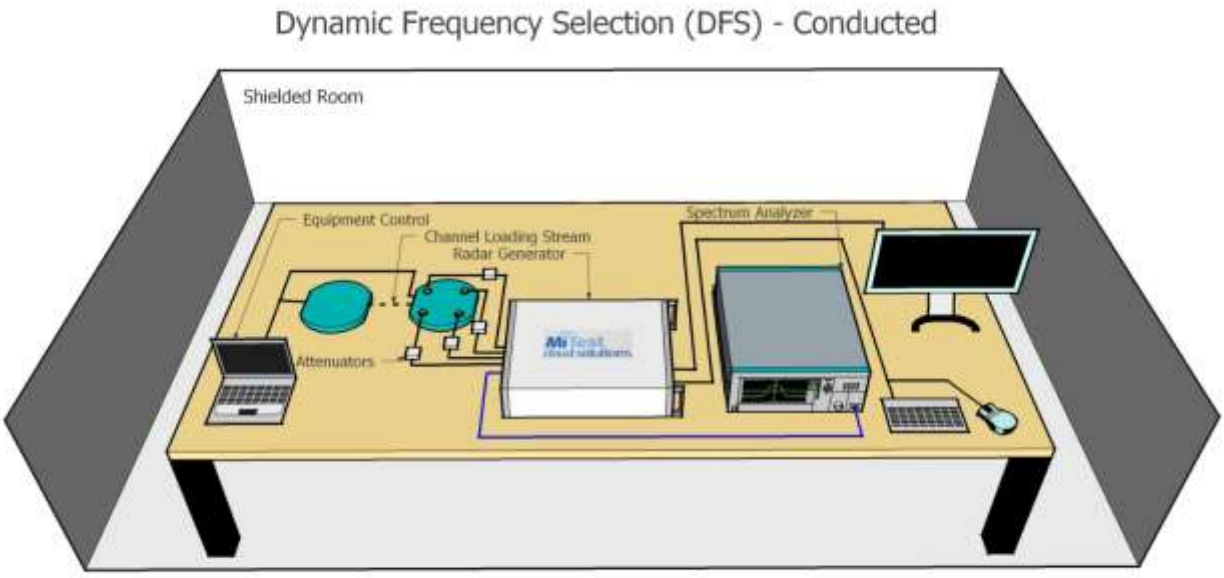
5. TEST EQUIPMENT CONFIGURATION(S)

5.1. Dynamic Frequency Selection (DFS)



A full system calibration was performed on the test station and any resulting system losses (or gains) were taken into account in the production of all final measurement data.

Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.8	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	6 Sep 2021
417	Laptop for DFS with DFS software	Lenova	W520	DFS	Not Required
418	PCI-e interface card	National Instruments	Express 8360	174AAC5	Not Required
422	Splitter/Combiner	Pasternack	PE 2031	001	Cal when used
495	RF Power Divider	Micon Precise Corp	91002	495	Cal when used
504	MiTest Cloud Solutions RF Test Box	MiCOM	2nd Gen	504	5 Sep 2021
510	Barometer/Thermometer	Control Company	68000-49	170871375	20 Dec 2021
533	MiTest DFS Test Software	MiCOM	MiTest DFS Test software Version 2.8	533	Not Required
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	Not Required

DFS PCIe#1	PCIe cable for Aeroflex	National Instruments	PCIe cable	None	Not Required
DFS SMA#1	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#2	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#3	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#4	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used

6. MEASUREMENT AND PRESENTATION OF TEST DATA

The measurement and graphical data presented in this test report was generated automatically using state-of-the-art technology creating an easy to read report structure. Numerical measurement data is separated from supporting graphical data (plots) through hyperlinks. Numerical measurement data can be reviewed without scrolling through numerous graphical pages to arrive at the next data matrix.

Plots have been relegated into the Appendix 'Graphical Data'.

Test and report automation was performed by MiTest. MiTest is an automated test system developed by MiCOM Labs. MiTest is the first cloud based modular test system enabling end-to-end automation of regulatory compliance testing for conducted RF testing.

The MiCOM Labs "MiTest" Automated Test System" (Patent Pending)

7. TEST METHODOLOGY

7.1. Dynamic Frequency Selection (DFS) Overview

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands. Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode. The following tables summarize the requirements.

Requirement	Master Device or Client with Radar Detection	Client without Radar Detection
	Operational Mode	
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 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.		

The operational behavior and individual DFS requirements associated with these modes are as follows:

7.1.1. Master Devices

a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 − 5350 MHz and 5470 − 5725 MHz bands. DFS is not required in the 5150 − 5250 MHz or 5725 – 5850 MHz bands.

b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.

c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.

d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).

e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.

f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.

g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

7.1.2. Client Devices

a) A Client Device will not transmit before having received appropriate control signals from a Master Device.

b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shutdown (rather than moving channels), no beacons should appear.

7.2. DFS Detection Thresholds

The table below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (see Notes 1, 2 and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP > 200 milliwatt and power density >10 dBm/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.

NOTE 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

7.3. Response Requirements

The following table provides the response requirements for Master and Client Devices incorporating DFS.

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 U-NII 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.

7.4. Radar Test Waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

7.4.1. Short Radar Pulses

Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µS)	PRI (µS)	Number of 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	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B: 15 unique PRI values randomly selected in the range 518-3066 µS, with a minimum increment of 1 µS, excluding PRI values selected in Test A			
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 Radar Pulse Type 0 should be used for the Detection Bandwidth test, Channel Move Time and Channel Closing Time tests

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

7.4.2. Long Radar Pulse Test

Long Pulse Radar Test Waveforms

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

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms.

Each waveform is defined as follows:

1. The transmission period for the Long Pulse Radar test signal is 12 seconds.

2. There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.

3. Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.

4. The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.

5. Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.

6. If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.

7. The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / Burst_Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst_Count) – (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

1. The total test signal length is 12 seconds.

2. 8 Bursts are randomly generated for the Burst_Count

3. Burst 1 has 2 randomly generated pulses.

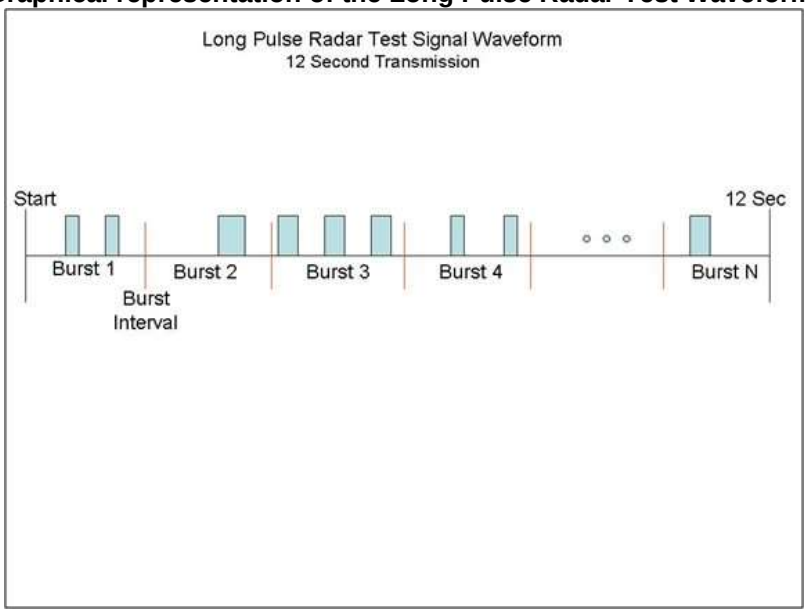
4. The pulse width (for both pulses) is randomly selected to be 75 microseconds.

5. The PRI is randomly selected to be at 1213 microseconds.

6. Bursts 2 through 8 are generated using steps 3 – 5.

7. Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

Graphical representation of the Long Pulse Radar Test Waveform.



7.4.3. Frequency Hopping Radar Test Waveform

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

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

7.5. Radar Waveform Calibration

The following equipment setup was used to calibrate the Radar Waveform. A spectrum analyzer was used to establish the test signal level for each radar type. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) mode at the frequency of the Radar Waveform generator. Peak detection was utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz.

The signal generator amplitude was set so that the power level measured at the spectrum analyzer was equal to the DFS detection threshold +1dB (Ref Section 9.2).

7.6. Test Program Details

EUT Type: Master with radar detection

Frequency band(s): 5,250 - 5,350 MHz and 5,470 – 5,725 MHz

Uniform Loading: For the above frequency band(s) the manufacturer declared that the device provides an aggregate uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

Antenna Gain used for Testing: 2.0 dBi
Number of Antenna Chains: 3

Test Communication Throughput Methodology
The requisite MPEG video file (“TestFile.mpg” available on the NTIA website at the following link http://ntiacsd.ntia.doc.gov/dfs/) is used during this video stream.

Test Environmental Conditions - Ambient:
Temperature: 17 to 23 °C
Relative humidity: 31 to 57%
Pressure: 999 to 1012 mbar

8. TEST RESULTS

8.1. Dynamic Frequency Selection (DFS)

Test Conditions for Dynamic Frequency Selection (DFS)			
Standard:	FCC 15.407	**Ambient Temp. (ºC):**	20.0 - 24.5
Test Heading:	Dynamic Frequency Selection (DFS)	**Rel. Humidity (%):**	32 - 45
Standard Section(s):	KDB 905462	**Pressure (mBars):**	999 - 1001
EUT Type:	Master	**Frequency Bands:**	5,250 – 5,350 MHz 5,470 – 5,725 MHz
Test Environment:	Conducted	**Antenna Gain used for Testing:**	2.0 dBi
Detection Threshold:	-64 dBm	**Test Radar Level: (Threshold + Gain)**	-62 dBm
Number of Antenna Chains:	3	**Duty Cycle Target:**	≥ 17.00%
Transmit Power:	+23 dBm	**Minimum Data Rate:**	6 Mbit/s / MCS0 / NSS1-MCS0
Uniform Loading:	For the above frequency band(s) the manufacturer declared that the device provides an aggregate uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.		
Communication Method:	The requisite MPEG video file (“TestFile.mpg” available on the NTIA website at the following link http://ntiacsd.ntia.doc.gov/dfs/) is used during this video stream. iPerf is used in cases where the video stream does not provide the necessary load.		
Engineer Notes:			

Master Devices

a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 − 5350 MHz and 5470 − 5725 MHz bands. DFS is not required in the 5150 − 5250 MHz or 5725 – 5850 MHz bands.

b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.

c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.

d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).

e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.

f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.

g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

8.1.1. Channel Availability Check

8.1.1.1. Initial CAC

This test verifies that the EUT does not emit pulse, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms.

The EUT is instructed to power up at the appropriate center frequency. The spectrum analyzer is set on zero span with a 1 MHz resolution bandwidth and 300 second sweep time to monitor the RF output of the EUT during power up. The analyzer's sweep will be started the same time power is applied to the U-NII device.

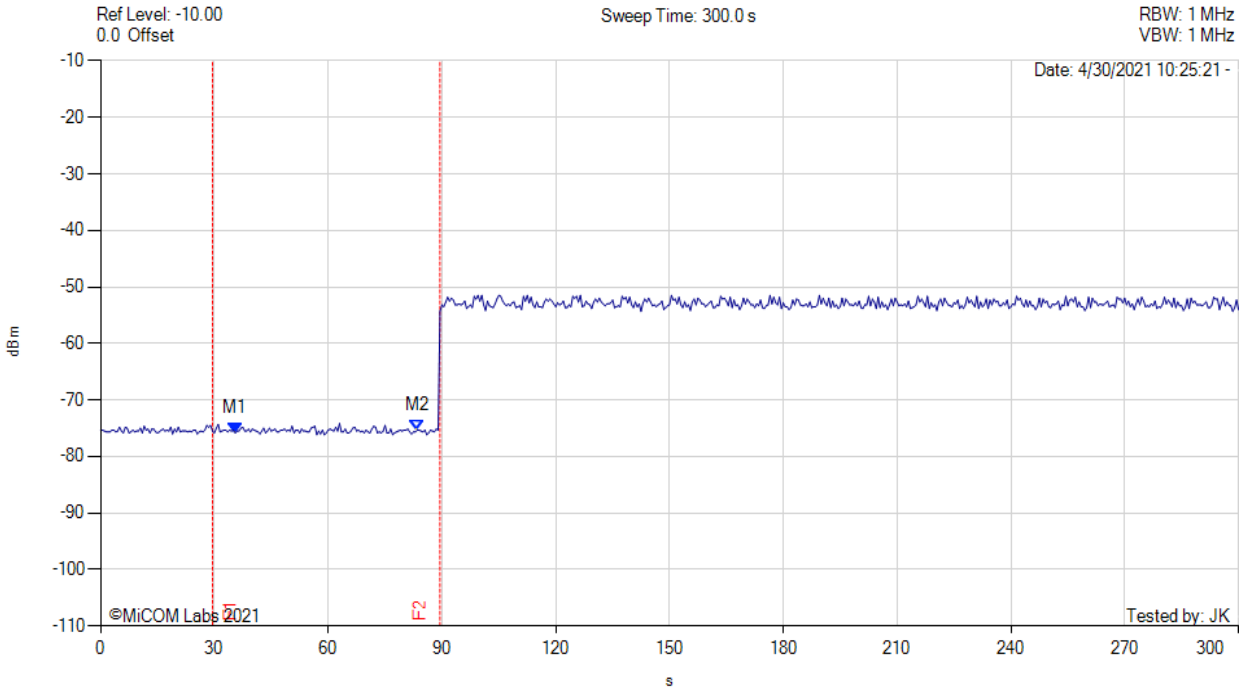
The EUT should not transmit any pulse or data transmissions until at least 1 minute after the completion of the power-on cycle.

The first red vertical line shown on the following plot denotes the instant when the EUT completes its power-up sequence i.e. T0 (as defined within the FCC's KDB 905462 D02 Section 4.1). The power-up reference T0 is determined by the time it takes for the EUT to start "beaconing" i.e. initial beacon - 60 secs = end of power-up.

The Channel Availability Check Time commences at instant T0 and will end no sooner than T0 + 60 seconds. T0 + 60 is indicated on the plot by the second vertical line.

INITIAL CAC

Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 2.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.830 dBm M2(5500.00 MHz) : 83.500 s : -75.330 dBm	Channel Frequency: 5530.00 MHz

8.1.1.2. Beginning CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold +1dB (Ref Section 9.2) occurs at the beginning of the Channel Availability Check Time.

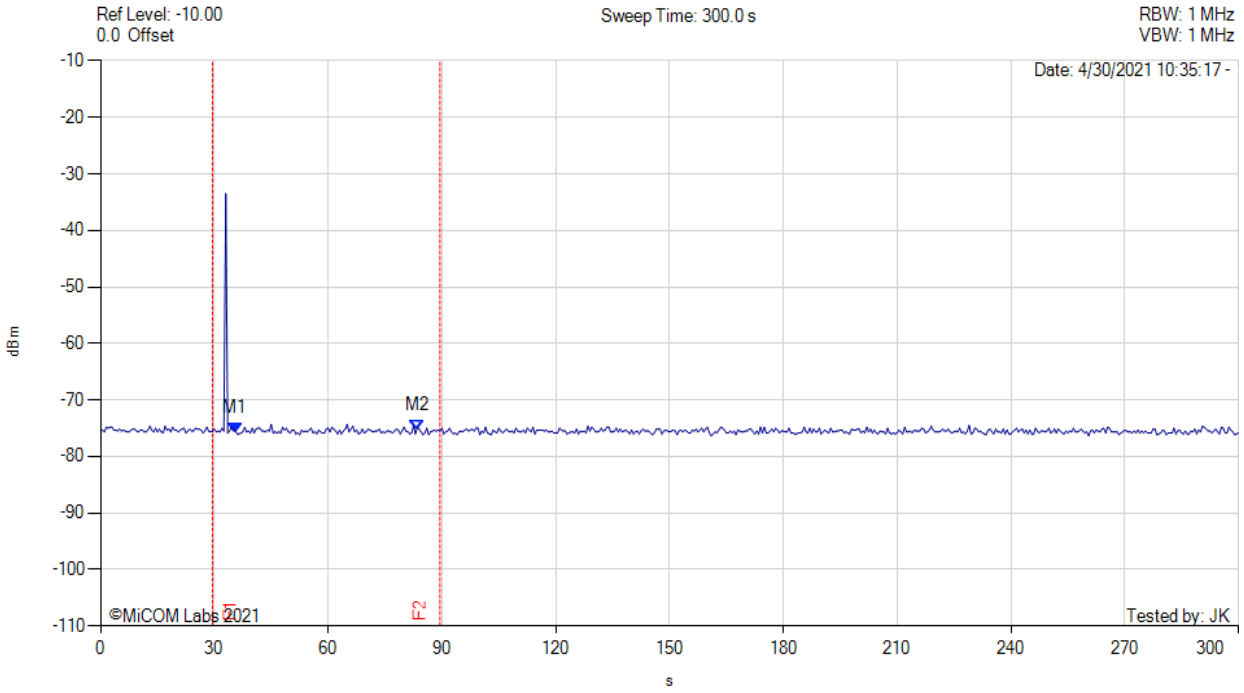
A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 (first red vertical marker line on the plot).

Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

T0 + 60 is indicated on the plot by the second vertical line.

BEGINNING CAC

Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 2.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.830 dBm M2(5500.00 MHz) : 83.500 s : -75.330 dBm	Channel Frequency: 5530.00 MHz

8.1.1.3. End CAC

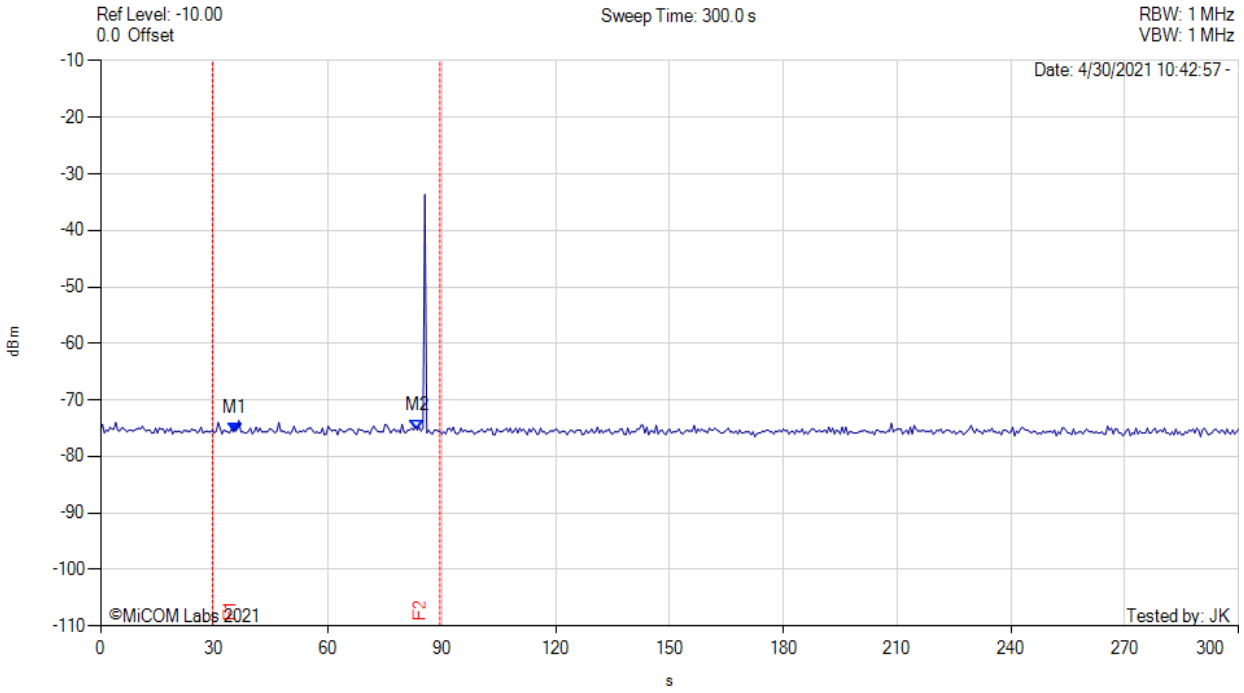
The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold occurs at the end of the Channel Availability Check Time.

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 + 54 seconds. The window will commence at marker 3 and end at the red time line T2 (T0 + 60 secs)

Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

END CAC

Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 0.10%, Antenna Gain: 2.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.830 dBm M2(5500.00 MHz) : 83.500 s : -75.330 dBm	Channel Frequency: 5530.00 MHz

8.1.2. Channel Close / Transmission Time

The steps below define the procedure to determine the above-mentioned parameters when a radar burst with a level of up to 10 dB above the DFS Detection threshold is injected on the Operating Channel of the EUT.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Compare the Channel Move Time and Channel Closing Transmission Time results to the limits defined in the DFS Response requirement values table.

Channel Closing Transmission Time - Measurement
The reference radar signature was introduced to the EUT, from which a 11 second transmission record was captured, as well as 1000ms of pre-trigger data. The Reference radar type was triggered to play at the exact time allowing the end of the pulse to occur at time t=0.

The system was setup to capture data for all transmission events above a given threshold level as determined and adjusted by the test engineer. The system time stamps all captured events with respect to T0 (zero time indicating the start of the measurement sequence) starting at the end of the radar pulse indicated by the purple vertical marker line in the Plot (on the next page).

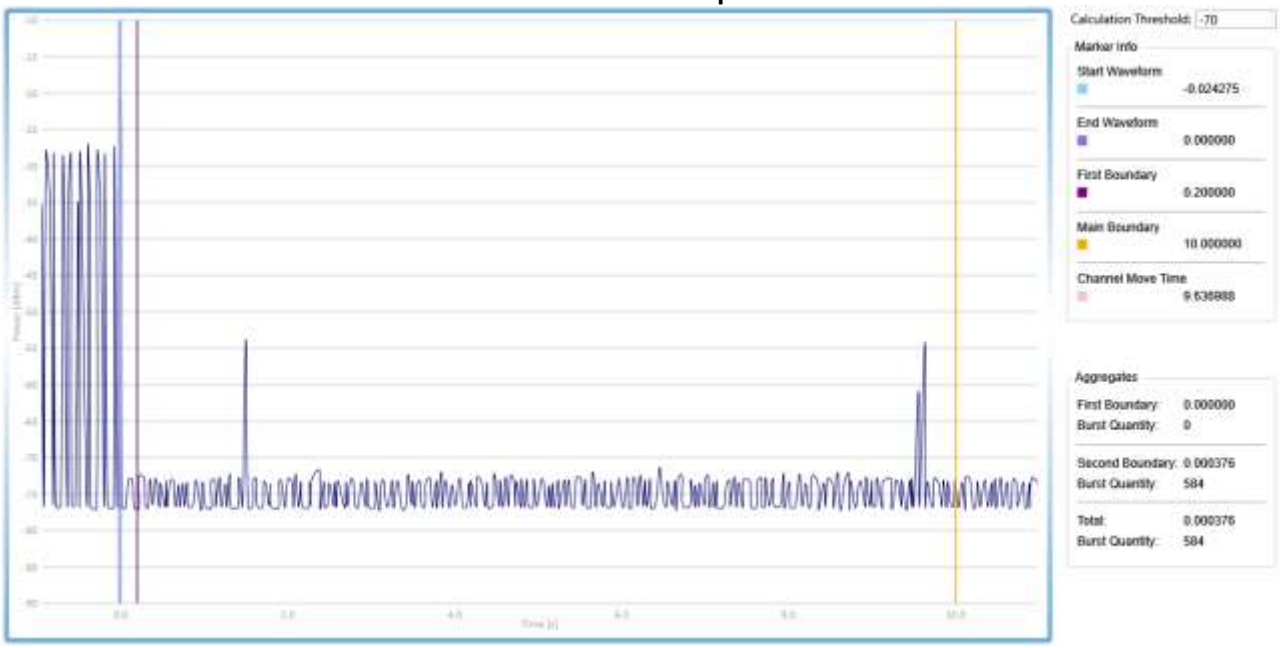
The system captured data over a 12 second period at 10 points per microsecond. The data is analyzed by counting all “bursts” that occur above the threshold limit and aggregating the time each burst is on. The data is then compressed for presentation in one 12 second segment showing all of the activity recorded over the period.

80 MHz Channel 5530 MHz; Observed Frequency 5530 MHz

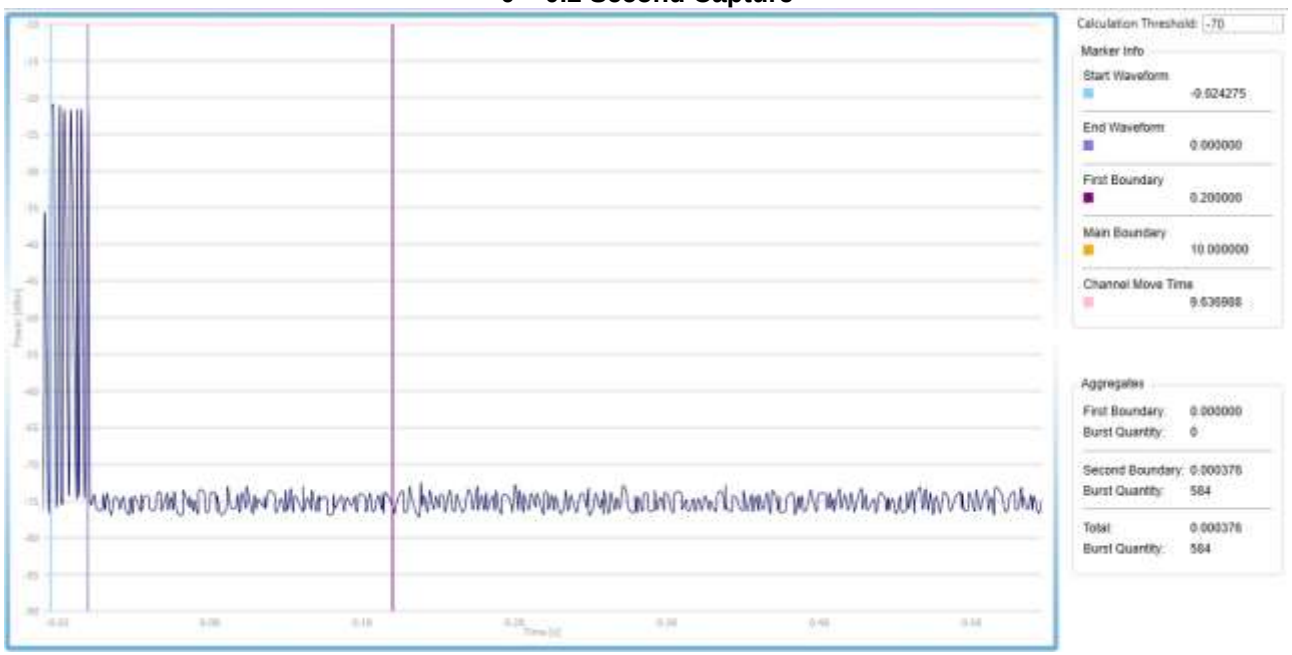
The system measures and aggregates the pulses occurring after the end of the radar pulse to determine the following parameters:

Test Heading	Time (Secs)	Limit (Secs)	Status
Channel Closing Transmission Time	0.000376	0.260	Complies
Channel Move Time	9.636988	10.0	Complies

Channel Move Time
0 - 12 Second Capture



Channel Closing Time
0 – 0.2 Second Capture

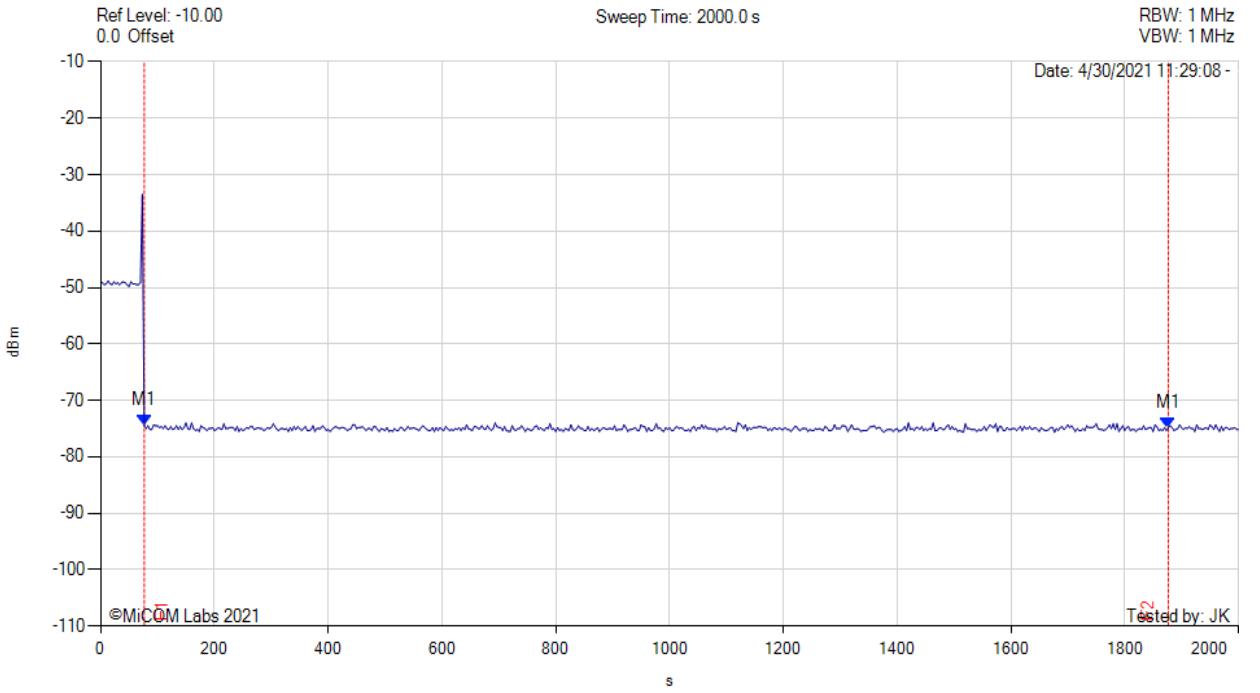


8.1.3. Non-Occupancy Period

The EUT is monitored for more than 30 minutes following the channel close/move time to verify no transmissions resume on this Channel. There should be no transmissions on the frequency of interest during the non-occupancy period.

NON-OCCUPANCY PERIOD

Variant: 802.11ac-80, Channel: 5530.00 MHz, Data Rate: MCS0/NSS1, Duty Cycle : 20.40%, Antenna Gain: 2.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 76.667 s : -74.500 dBm M1(5500.00 MHz) : 1876.667 s : -74.830 dBm	Channel Frequency: 5530.00 MHz

8.1.4. Probability of Detection

The steps below define the procedure to determine the minimum percentage of detection when a radar burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.

The Radar Waveform generator sends the individual waveform for each of the radar Types 1-6. Statistical data will be gathered to determine the ability of the device to detect the radar test waveforms. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The percentage of successful detection is calculated by:

Total # of detections ÷ Total # of Trials × 100 = Probability of Detection

The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection are found in the Radar Test Waveforms section.

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections;

Example - Calculation of Aggregate Percentage

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections
1	35	29	82.9%
2	30	18	60.0%
3	30	27	90.0%
4	30	44	88.0%
Aggregate (82.9% + 60.0% + 90.0% +88.0%) / 4 = 80.2%			

802.11a - 5500 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	30	100.00%	Complies	View Data
Radar Type 3	30	29	96.67%	Complies	View Data
Radar Type 4	30	28	93.33%	Complies	View Data
Aggregate (100.00% + 100.00% + 96.67% + 93.33%) / 4 = 97.50%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

802.11ac-80 - 5530 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	30	100.00%	Complies	View Data
Radar Type 3	30	29	96.67%	Complies	View Data
Radar Type 4	30	30	100.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 96.67% + 100.00%) / 4 = 99.17%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

802.11n HT-40 - 5510 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	30	100.00%	Complies	View Data
Radar Type 3	30	30	100.00%	Complies	View Data
Radar Type 4	30	25	83.33%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 83.33%) / 4 = 95.83%				Complies	--
Radar Type 5	30	30	100.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

Equipment Configuration for Radar Type 1

Variant:	802.11a	**Duty Cycle (%):**	18.80
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5492	1	798	67	1	1	100.00	Detected
5497	1	838	63	1	1	100.00	Detected
5508	1	558	95	1	1	100.00	Detected
5507	1	698	76	1	1	100.00	Detected
5502	1	738	72	1	1	100.00	Detected
5493	1	598	89	1	1	100.00	Detected
5507	1	878	61	1	1	100.00	Detected
5507	1	758	70	1	1	100.00	Detected
5505	1	778	68	1	1	100.00	Detected
5498	1	718	74	1	1	100.00	Detected
5499	1	918	58	1	1	100.00	Detected
5501	1	818	65	1	1	100.00	Detected
5505	1	638	83	1	1	100.00	Detected
5498	1	3066	18	1	1	100.00	Detected
5505	1	938	57	1	1	100.00	Detected
5502	1	678	78	1	1	100.00	Detected
5505	1	2043	26	1	1	100.00	Detected
5508	1	1062	50	1	1	100.00	Detected
5497	1	2299	23	1	1	100.00	Detected
5504	1	1407	38	1	1	100.00	Detected
5508	1	2397	23	1	1	100.00	Detected
5493	1	1333	40	1	1	100.00	Detected
5501	1	1068	50	1	1	100.00	Detected
5498	1	1770	30	1	1	100.00	Detected
5499	1	2297	23	1	1	100.00	Detected
5492	1	3010	18	1	1	100.00	Detected
5501	1	2938	18	1	1	100.00	Detected
5508	1	1126	47	1	1	100.00	Detected
5492	1	2359	23	1	1	100.00	Detected
5506	1	2031	26	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	802.11a	**Duty Cycle (%):**	18.80
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5504	4.7	199	27	1	1	100.00	Detected
5506	2.6	182	25	1	1	100.00	Detected
5504	3.8	166	23	1	1	100.00	Detected
5506	1.1	195	27	1	1	100.00	Detected
5504	2.1	150	27	1	1	100.00	Detected
5508	4.5	193	23	1	1	100.00	Detected
5508	3.5	158	28	1	1	100.00	Detected
5502	3.9	164	27	1	1	100.00	Detected
5506	1.5	201	23	1	1	100.00	Detected
5494	2.8	188	24	1	1	100.00	Detected
5505	1.3	211	28	1	1	100.00	Detected
5500	4.6	160	26	1	1	100.00	Detected
5498	2.2	190	28	1	1	100.00	Detected
5504	2.1	199	28	1	1	100.00	Detected
5498	3.1	203	24	1	1	100.00	Detected
5497	3.4	205	23	1	1	100.00	Detected
5500	3.5	173	28	1	1	100.00	Detected
5498	3.1	196	24	1	1	100.00	Detected
5505	4.3	214	29	1	1	100.00	Detected
5494	4.1	199	23	1	1	100.00	Detected
5500	3.3	184	25	1	1	100.00	Detected
5495	2.7	220	26	1	1	100.00	Detected
5500	4.2	203	27	1	1	100.00	Detected
5505	2.1	220	24	1	1	100.00	Detected
5498	4	169	29	1	1	100.00	Detected
5502	2.6	161	29	1	1	100.00	Detected
5504	1.9	229	29	1	1	100.00	Detected
5500	3.8	208	27	1	1	100.00	Detected
5507	3.4	207	28	1	1	100.00	Detected
5494	2.5	214	23	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	802.11a	**Duty Cycle (%):**	18.80
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5504	8.9	267	17	1	1	100.00	Detected
5506	9.8	350	17	1	1	100.00	Detected
5508	8.3	353	17	1	1	100.00	Detected
5501	8.9	339	16	1	1	100.00	Detected
5499	8.2	374	16	1	1	100.00	Detected
5499	6	224	18	1	1	100.00	Detected
5493	6.3	411	16	1	1	100.00	Detected
5501	6.6	216	16	1	1	100.00	Detected
5508	6.5	239	18	1	1	100.00	Detected
5494	8.2	203	18	1	1	100.00	Detected
5504	7.8	474	18	1	1	100.00	Detected
5495	7.4	212	16	1	0	0.00	Not Detected
5494	8.4	288	17	1	1	100.00	Detected
5505	9.2	402	18	1	1	100.00	Detected
5502	7.7	353	18	1	1	100.00	Detected
5496	7.2	491	18	1	1	100.00	Detected
5500	7.9	332	17	1	1	100.00	Detected
5502	8.3	482	18	1	1	100.00	Detected
5501	9.2	286	18	1	1	100.00	Detected
5493	6.7	384	18	1	1	100.00	Detected
5492	8.1	217	18	1	1	100.00	Detected
5506	7.8	271	16	1	1	100.00	Detected
5499	7.5	271	18	1	1	100.00	Detected
5492	6.9	354	17	1	1	100.00	Detected
5500	6.4	318	18	1	1	100.00	Detected
5507	8.5	374	17	1	1	100.00	Detected
5503	7.7	222	18	1	1	100.00	Detected
5500	8.8	397	17	1	1	100.00	Detected
5505	9.1	428	18	1	1	100.00	Detected
5496	6	489	16	1	1	100.00	Detected
			Aggregate:	**30**	**29**	**96.67**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	802.11a	**Duty Cycle (%):**	18.80
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5496	13.6	489	13	1	1	100.00	Detected
5497	12.6	449	13	1	1	100.00	Detected
5497	18.9	346	16	1	1	100.00	Detected
5505	19.1	452	14	1	1	100.00	Detected
5508	15.5	289	14	1	1	100.00	Detected
5498	13.3	394	15	1	1	100.00	Detected
5504	17.9	486	13	1	1	100.00	Detected
5499	18	246	14	1	1	100.00	Detected
5494	13.9	341	15	1	1	100.00	Detected
5503	14.3	263	14	1	1	100.00	Detected
5502	17.8	406	15	1	1	100.00	Detected
5495	17	408	16	1	1	100.00	Detected
5507	14.1	438	15	1	1	100.00	Detected
5504	15.7	414	16	1	1	100.00	Detected
5502	12.8	346	14	1	1	100.00	Detected
5495	16	459	14	1	1	100.00	Detected
5504	11	458	14	1	1	100.00	Detected
5499	13.1	427	14	1	1	100.00	Detected
5496	18.4	453	15	1	1	100.00	Detected
5501	11.2	367	12	1	1	100.00	Detected
5493	11.4	305	12	1	0	0.00	Not Detected
5508	14.6	431	15	1	1	100.00	Detected
5502	15.4	491	14	1	1	100.00	Detected
5506	16.7	273	12	1	1	100.00	Detected
5507	12.5	470	13	1	1	100.00	Detected
5505	13.1	341	15	1	1	100.00	Detected
5502	12.9	337	16	1	1	100.00	Detected
5503	11.9	324	15	1	1	100.00	Detected
5502	14.8	351	12	1	1	100.00	Detected
5495	17.7	358	13	1	0	0.00	Not Detected
			Aggregate:	**30**	**28**	**93.33**	**Pass**

Equipment Configuration for Radar Type 5			
Variant:	802.11a	**Duty Cycle (%):**	20.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5503	1	1	100.00	Detected
Type 5 #2 5500	1	1	100.00	Detected
Type 5 #3 5500	1	1	100.00	Detected
Type 5 #4 5500	1	1	100.00	Detected
Type 5 #5 5500	1	1	100.00	Detected
Type 5 #6 5495	1	1	100.00	Detected
Type 5 #7 5500	1	1	100.00	Detected
Type 5 #8 5500	1	1	100.00	Detected
Type 5 #9 5500	1	1	100.00	Detected
Type 5 #10 5504	1	1	100.00	Detected
Type 5 #11 5504	1	1	100.00	Detected
Type 5 #12 5506	1	1	100.00	Detected
Type 5 #13 5506	1	1	100.00	Detected
Type 5 #14 5502	1	1	100.00	Detected
Type 5 #15 5500	1	1	100.00	Detected
Type 5 #16 5495	1	1	100.00	Detected
Type 5 #17 5496	1	1	100.00	Detected
Type 5 #18 5504	1	1	100.00	Detected
Type 5 #19 5495	1	1	100.00	Detected
Type 5 #20 5504	1	1	100.00	Detected
Type 5 #21 5495	1	1	100.00	Detected
Type 5 #22 5506	1	1	100.00	Detected
Type 5 #23 5502	1	1	100.00	Detected
Type 5 #24 5500	1	1	100.00	Detected
Type 5 #25 5494	1	1	100.00	Detected
Type 5 #26 5498	1	1	100.00	Detected
Type 5 #27 5500	1	1	100.00	Detected
Type 5 #28 5500	1	1	100.00	Detected
Type 5 #29 5500	1	1	100.00	Detected
Type 5 #30 5500	1	1	100.00	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 6			
Variant:	802.11a	**Duty Cycle (%):**	20.40
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100	Detected
Type 6 #2	1	1	100	Detected
Type 6 #3	1	1	100	Detected
Type 6 #4	1	1	100	Detected
Type 6 #5	1	1	100	Detected
Type 6 #6	1	1	100	Detected
Type 6 #7	1	1	100	Detected
Type 6 #8	1	1	100	Detected
Type 6 #9	1	1	100	Detected
Type 6 #10	1	1	100	Detected
Type 6 #11	1	1	100	Detected
Type 6 #12	1	1	100	Detected
Type 6 #13	1	1	100	Detected
Type 6 #14	1	1	100	Detected
Type 6 #15	1	1	100	Detected
Type 6 #16	1	1	100	Detected
Type 6 #17	1	1	100	Detected
Type 6 #18	1	1	100	Detected
Type 6 #19	1	1	100	Detected
Type 6 #20	1	1	100	Detected
Type 6 #21	1	1	100	Detected
Type 6 #22	1	1	100	Detected
Type 6 #23	1	1	100	Detected
Type 6 #24	1	1	100	Detected
Type 6 #25	1	1	100	Detected
Type 6 #26	1	1	100	Detected
Type 6 #27	1	1	100	Detected
Type 6 #28	1	1	100	Detected
Type 6 #29	1	1	100	Detected
Type 6 #30	1	1	100	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5561	1	878	61	1	1	100.00	Detected
5555	1	638	83	1	1	100.00	Detected
5547	1	618	86	1	1	100.00	Detected
5507	1	758	70	1	1	100.00	Detected
5493	1	558	95	1	1	100.00	Detected
5519	1	798	67	1	1	100.00	Detected
5508	1	718	74	1	1	100.00	Detected
5530	1	3066	18	1	1	100.00	Detected
5538	1	678	78	1	1	100.00	Detected
5553	1	898	59	1	1	100.00	Detected
5511	1	538	99	1	1	100.00	Detected
5527	1	778	68	1	1	100.00	Detected
5529	1	738	72	1	1	100.00	Detected
5562	1	578	92	1	1	100.00	Detected
5518	1	658	81	1	1	100.00	Detected
5501	1	698	76	1	1	100.00	Detected
5530	1	1391	38	1	1	100.00	Detected
5518	1	2390	23	1	1	100.00	Detected
5528	1	1711	31	1	1	100.00	Detected
5544	1	1915	28	1	1	100.00	Detected
5507	1	968	55	1	1	100.00	Detected
5544	1	1856	29	1	1	100.00	Detected
5549	1	2924	19	1	1	100.00	Detected
5512	1	792	67	1	1	100.00	Detected
5511	1	588	90	1	1	100.00	Detected
5521	1	1566	34	1	1	100.00	Detected
5546	1	1069	50	1	1	100.00	Detected
5555	1	2675	20	1	1	100.00	Detected
5519	1	1219	44	1	1	100.00	Detected
5551	1	1128	47	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5514	1.4	164	29	1	1	100.00	Detected
5564	1.7	156	29	1	1	100.00	Detected
5499	4.1	191	23	1	1	100.00	Detected
5538	2	197	23	1	1	100.00	Detected
5520	4.7	214	26	1	1	100.00	Detected
5508	4.2	218	25	1	1	100.00	Detected
5549	3.8	187	25	1	1	100.00	Detected
5532	3	180	24	1	1	100.00	Detected
5545	2.8	170	23	1	1	100.00	Detected
5568	4.2	197	26	1	1	100.00	Detected
5558	2.6	150	26	1	1	100.00	Detected
5531	2	215	26	1	1	100.00	Detected
5540	4	188	25	1	1	100.00	Detected
5529	1.9	152	26	1	1	100.00	Detected
5512	4.5	161	24	1	1	100.00	Detected
5547	4.2	178	27	1	1	100.00	Detected
5522	2.2	185	24	1	1	100.00	Detected
5568	3	157	27	1	1	100.00	Detected
5518	1.9	205	28	1	1	100.00	Detected
5553	2.4	214	26	1	1	100.00	Detected
5561	1	203	28	1	1	100.00	Detected
5493	4.8	208	26	1	1	100.00	Detected
5524	4.1	217	23	1	1	100.00	Detected
5541	2.4	218	23	1	1	100.00	Detected
5494	2.6	157	24	1	1	100.00	Detected
5554	3.6	187	23	1	1	100.00	Detected
5542	4.6	155	24	1	1	100.00	Detected
5534	1.8	205	29	1	1	100.00	Detected
5497	3.6	175	27	1	1	100.00	Detected
5502	3.3	197	26	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5537	9.9	424	16	1	0	0.00	Not Detected
5542	9.9	483	18	1	1	100.00	Detected
5520	8.4	437	17	1	1	100.00	Detected
5513	8.3	406	16	1	1	100.00	Detected
5534	8.1	237	16	1	1	100.00	Detected
5559	7.8	474	16	1	1	100.00	Detected
5499	9.7	213	18	1	1	100.00	Detected
5494	6.6	481	17	1	1	100.00	Detected
5555	8.6	387	18	1	1	100.00	Detected
5560	7	344	18	1	1	100.00	Detected
5565	6.3	467	18	1	1	100.00	Detected
5524	7.2	389	17	1	1	100.00	Detected
5566	6.2	246	17	1	1	100.00	Detected
5526	7.8	366	16	1	1	100.00	Detected
5497	8.2	237	18	1	1	100.00	Detected
5562	9.8	488	16	1	1	100.00	Detected
5544	7.3	368	17	1	1	100.00	Detected
5566	9.4	312	16	1	1	100.00	Detected
5494	7.7	254	18	1	1	100.00	Detected
5535	9.9	437	18	1	1	100.00	Detected
5515	8.2	209	18	1	1	100.00	Detected
5568	7.3	500	17	1	1	100.00	Detected
5499	8	429	17	1	1	100.00	Detected
5501	9	431	16	1	1	100.00	Detected
5501	8.6	278	16	1	1	100.00	Detected
5548	6	358	16	1	1	100.00	Detected
5544	9.4	375	16	1	1	100.00	Detected
5512	9	367	16	1	1	100.00	Detected
5549	7.3	329	17	1	1	100.00	Detected
5562	9.9	271	17	1	1	100.00	Detected
			Aggregate:	**30**	**29**	**96.67**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5498	11.2	257	13	1	1	100.00	Detected
5543	12.6	404	16	1	1	100.00	Detected
5547	17.4	219	13	1	1	100.00	Detected
5494	19.3	292	12	1	1	100.00	Detected
5548	19.8	230	13	1	1	100.00	Detected
5564	17.1	383	15	1	1	100.00	Detected
5516	14.7	226	12	1	1	100.00	Detected
5524	19.1	423	14	1	1	100.00	Detected
5528	11.5	206	15	1	1	100.00	Detected
5542	13.7	305	12	1	1	100.00	Detected
5497	16.8	311	12	1	1	100.00	Detected
5512	12.2	301	16	1	1	100.00	Detected
5543	11.8	388	13	1	1	100.00	Detected
5498	12.7	358	14	1	1	100.00	Detected
5523	14.6	490	13	1	1	100.00	Detected
5498	15.8	345	16	1	1	100.00	Detected
5566	15.7	448	16	1	1	100.00	Detected
5561	16.9	348	14	1	1	100.00	Detected
5540	11.1	281	13	1	1	100.00	Detected
5515	16.1	360	12	1	1	100.00	Detected
5497	11.9	346	13	1	1	100.00	Detected
5513	14.5	338	13	1	1	100.00	Detected
5533	16.4	274	13	1	1	100.00	Detected
5517	11.8	202	14	1	1	100.00	Detected
5504	16	222	15	1	1	100.00	Detected
5515	14.3	228	12	1	1	100.00	Detected
5538	12.7	417	12	1	1	100.00	Detected
5562	13.1	233	16	1	1	100.00	Detected
5558	18	257	16	1	1	100.00	Detected
5495	12.4	363	14	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 5			
Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5530	1	1	100.00	Detected
Type 5 #2 5530	1	1	100.00	Detected
Type 5 #3 5530	1	1	100.00	Detected
Type 5 #4 5530	1	1	100.00	Detected
Type 5 #5 5530	1	1	100.00	Detected
Type 5 #6 5500	1	1	100.00	Detected
Type 5 #7 5496	1	1	100.00	Detected
Type 5 #8 5530	1	1	100.00	Detected
Type 5 #9 5530	1	1	100.00	Detected
Type 5 #10 5562	1	1	100.00	Detected
Type 5 #11 5566	1	1	100.00	Detected
Type 5 #12 5560	1	1	100.00	Detected
Type 5 #13 5566	1	1	100.00	Detected
Type 5 #14 5562	1	1	100.00	Detected
Type 5 #15 5494	1	1	100.00	Detected
Type 5 #16 5494	1	1	100.00	Detected
Type 5 #17 5566	1	1	100.00	Detected
Type 5 #18 5494	1	1	100.00	Detected
Type 5 #19 5530	1	1	100.00	Detected
Type 5 #20 5563	1	1	100.00	Detected
Type 5 #21 5564	1	1	100.00	Detected
Type 5 #22 5497	1	1	100.00	Detected
Type 5 #23 5530	1	1	100.00	Detected
Type 5 #24 5500	1	1	100.00	Detected
Type 5 #25 5494	1	1	100.00	Detected
Type 5 #26 5499	1	1	100.00	Detected
Type 5 #27 5497	1	1	100.00	Detected
Type 5 #28 5530	1	1	100.00	Detected
Type 5 #29 5562	1	1	100.00	Detected
Type 5 #30 5562	1	1	100.00	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 6			
Variant:	802.11ac-80	**Duty Cycle (%):**	20.50
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100	Detected
Type 6 #2	1	1	100	Detected
Type 6 #3	1	1	100	Detected
Type 6 #4	1	1	100	Detected
Type 6 #5	1	1	100	Detected
Type 6 #6	1	1	100	Detected
Type 6 #7	1	1	100	Detected
Type 6 #8	1	1	100	Detected
Type 6 #9	1	1	100	Detected
Type 6 #10	1	1	100	Detected
Type 6 #11	1	1	100	Detected
Type 6 #12	1	1	100	Detected
Type 6 #13	1	1	100	Detected
Type 6 #14	1	1	100	Detected
Type 6 #15	1	1	100	Detected
Type 6 #16	1	1	100	Detected
Type 6 #17	1	1	100	Detected
Type 6 #18	1	1	100	Detected
Type 6 #19	1	1	100	Detected
Type 6 #20	1	1	100	Detected
Type 6 #21	1	1	100	Detected
Type 6 #22	1	1	100	Detected
Type 6 #23	1	1	100	Detected
Type 6 #24	1	1	100	Detected
Type 6 #25	1	1	100	Detected
Type 6 #26	1	1	100	Detected
Type 6 #27	1	1	100	Detected
Type 6 #28	1	1	100	Detected
Type 6 #29	1	1	100	Detected
Type 6 #30	1	1	100	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5521	1	798	67	1	1	100.00	Detected
5506	1	738	72	1	1	100.00	Detected
5507	1	718	74	1	1	100.00	Detected
5509	1	558	95	1	1	100.00	Detected
5502	1	898	59	1	1	100.00	Detected
5512	1	3066	18	1	1	100.00	Detected
5494	1	658	81	1	1	100.00	Detected
5514	1	838	63	1	1	100.00	Detected
5494	1	618	86	1	1	100.00	Detected
5511	1	858	62	1	1	100.00	Detected
5517	1	538	99	1	1	100.00	Detected
5509	1	938	57	1	1	100.00	Detected
5508	1	878	61	1	1	100.00	Detected
5505	1	638	83	1	1	100.00	Detected
5495	1	818	65	1	1	100.00	Detected
5519	1	758	70	1	1	100.00	Detected
5506	1	1442	37	1	1	100.00	Detected
5523	1	1543	35	1	1	100.00	Detected
5494	1	2337	23	1	1	100.00	Detected
5518	1	2784	19	1	1	100.00	Detected
5527	1	830	64	1	1	100.00	Detected
5520	1	2311	23	1	1	100.00	Detected
5526	1	2350	23	1	1	100.00	Detected
5512	1	3064	18	1	1	100.00	Detected
5500	1	2720	20	1	1	100.00	Detected
5528	1	1251	43	1	1	100.00	Detected
5493	1	1985	27	1	1	100.00	Detected
5492	1	2492	22	1	1	100.00	Detected
5496	1	1517	35	1	1	100.00	Detected
5494	1	2008	27	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5496	2	229	26	1	1	100.00	Detected
5493	4.9	194	27	1	1	100.00	Detected
5509	1.8	200	25	1	1	100.00	Detected
5511	3.6	209	26	1	1	100.00	Detected
5501	4.1	154	28	1	1	100.00	Detected
5502	2.4	229	24	1	1	100.00	Detected
5521	2.9	193	28	1	1	100.00	Detected
5504	1.3	172	27	1	1	100.00	Detected
5516	1.5	211	28	1	1	100.00	Detected
5497	2	202	29	1	1	100.00	Detected
5498	4.4	192	23	1	1	100.00	Detected
5500	3.6	212	25	1	1	100.00	Detected
5523	2.8	191	25	1	1	100.00	Detected
5504	2.3	175	28	1	1	100.00	Detected
5501	4	208	27	1	1	100.00	Detected
5508	3.9	178	25	1	1	100.00	Detected
5525	4.8	206	25	1	1	100.00	Detected
5524	1.1	183	23	1	1	100.00	Detected
5496	1.4	195	25	1	1	100.00	Detected
5522	4.7	229	24	1	1	100.00	Detected
5517	1.5	229	29	1	1	100.00	Detected
5512	4.8	177	25	1	1	100.00	Detected
5522	4.9	187	25	1	1	100.00	Detected
5511	1.3	192	26	1	1	100.00	Detected
5510	1.5	160	25	1	1	100.00	Detected
5526	2.5	191	28	1	1	100.00	Detected
5493	3	167	24	1	1	100.00	Detected
5520	4.6	226	25	1	1	100.00	Detected
5520	3.3	221	25	1	1	100.00	Detected
5519	2.9	218	29	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5514	7.4	371	18	1	1	100.00	Detected
5512	6.1	350	16	1	1	100.00	Detected
5513	6.5	478	18	1	1	100.00	Detected
5521	8.8	261	16	1	1	100.00	Detected
5514	6.6	453	16	1	1	100.00	Detected
5518	6.4	370	18	1	1	100.00	Detected
5493	6.6	385	18	1	1	100.00	Detected
5498	6.8	407	16	1	1	100.00	Detected
5502	6.6	407	17	1	1	100.00	Detected
5521	8.4	283	16	1	1	100.00	Detected
5528	6.6	404	17	1	1	100.00	Detected
5527	6.9	355	16	1	1	100.00	Detected
5505	8.2	408	17	1	1	100.00	Detected
5515	9.1	276	17	1	1	100.00	Detected
5521	8.6	466	17	1	1	100.00	Detected
5506	8.2	464	17	1	1	100.00	Detected
5508	9.6	332	17	1	1	100.00	Detected
5528	8.5	355	16	1	1	100.00	Detected
5524	9.3	222	17	1	1	100.00	Detected
5507	9.7	491	18	1	1	100.00	Detected
5515	8.1	372	17	1	1	100.00	Detected
5511	6.4	320	17	1	1	100.00	Detected
5525	6.7	438	16	1	1	100.00	Detected
5518	9.5	387	17	1	1	100.00	Detected
5502	7.3	261	16	1	1	100.00	Detected
5521	9.4	226	18	1	1	100.00	Detected
5493	8.7	414	18	1	1	100.00	Detected
5517	8.7	229	18	1	1	100.00	Detected
5516	6.3	437	18	1	1	100.00	Detected
5528	7	452	17	1	1	100.00	Detected
			Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRI (us)	# Pulses	Injections	Detections	Detection Rate	Result
5510	19.5	429	16	1	1	100.00	Detected
5522	14.2	293	12	1	1	100.00	Detected
5498	16.8	289	12	1	1	100.00	Detected
5518	19.1	202	15	1	1	100.00	Detected
5508	18.4	373	16	1	1	100.00	Detected
5506	16.3	441	13	1	1	100.00	Detected
5494	19.3	349	15	1	1	100.00	Detected
5494	17.7	336	12	1	1	100.00	Detected
5509	18.8	371	16	1	1	100.00	Detected
5495	13.4	477	15	1	1	100.00	Detected
5505	17.3	388	12	1	0	0.00	Not Detected
5506	11.1	242	15	1	1	100.00	Detected
5494	11.2	330	12	1	1	100.00	Detected
5517	19.9	488	16	1	1	100.00	Detected
5497	15.9	423	16	1	1	100.00	Detected
5523	17.1	482	14	1	1	100.00	Detected
5498	13.5	383	16	1	1	100.00	Detected
5504	12.5	401	12	1	1	100.00	Detected
5525	19	348	15	1	0	0.00	Not Detected
5527	17.7	450	12	1	0	0.00	Not Detected
5521	17.6	366	12	1	0	0.00	Not Detected
5503	13.7	300	14	1	0	0.00	Not Detected
5525	17	413	14	1	1	100.00	Detected
5511	11.2	452	15	1	1	100.00	Detected
5520	12.7	461	12	1	1	100.00	Detected
5506	13.5	330	16	1	1	100.00	Detected
5505	13.3	276	15	1	1	100.00	Detected
5510	13.5	484	13	1	1	100.00	Detected
5518	17	235	12	1	1	100.00	Detected
5496	19	237	16	1	1	100.00	Detected
			Aggregate:	**30**	**25**	**83.33**	**Pass**

Equipment Configuration for Radar Type 5			
Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #1 5523	1	1	100.00	Detected
Type 5 #2 5500	1	1	100.00	Detected
Type 5 #3 5497	1	1	100.00	Detected
Type 5 #4 5510	1	1	100.00	Detected
Type 5 #5 5510	1	1	100.00	Detected
Type 5 #6 5524	1	1	100.00	Detected
Type 5 #7 5510	1	1	100.00	Detected
Type 5 #8 5510	1	1	100.00	Detected
Type 5 #9 5526	1	1	100.00	Detected
Type 5 #10 5520	1	1	100.00	Detected
Type 5 #11 5521	1	1	100.00	Detected
Type 5 #12 5494	1	1	100.00	Detected
Type 5 #13 5498	1	1	100.00	Detected
Type 5 #14 5510	1	1	100.00	Detected
Type 5 #15 5510	1	1	100.00	Detected
Type 5 #16 5526	1	1	100.00	Detected
Type 5 #17 5494	1	1	100.00	Detected
Type 5 #18 5520	1	1	100.00	Detected
Type 5 #19 5526	1	1	100.00	Detected
Type 5 #20 5525	1	1	100.00	Detected
Type 5 #21 5510	1	1	100.00	Detected
Type 5 #22 5510	1	1	100.00	Detected
Type 5 #23 5526	1	1	100.00	Detected
Type 5 #24 5510	1	1	100.00	Detected
Type 5 #25 5500	1	1	100.00	Detected
Type 5 #26 5499	1	1	100.00	Detected
Type 5 #27 5497	1	1	100.00	Detected
Type 5 #28 5497	1	1	100.00	Detected
Type 5 #29 5510	1	1	100.00	Detected
Type 5 #30 5496	1	1	100.00	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

Equipment Configuration for Radar Type 6			
Variant:	802.11n HT-40	**Duty Cycle (%):**	20.40
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100	Detected
Type 6 #2	1	1	100	Detected
Type 6 #3	1	1	100	Detected
Type 6 #4	1	1	100	Detected
Type 6 #5	1	1	100	Detected
Type 6 #6	1	1	100	Detected
Type 6 #7	1	1	100	Detected
Type 6 #8	1	1	100	Detected
Type 6 #9	1	1	100	Detected
Type 6 #10	1	1	100	Detected
Type 6 #11	1	1	100	Detected
Type 6 #12	1	1	100	Detected
Type 6 #13	1	1	100	Detected
Type 6 #14	1	1	100	Detected
Type 6 #15	1	1	100	Detected
Type 6 #16	1	1	100	Detected
Type 6 #17	1	1	100	Detected
Type 6 #18	1	1	100	Detected
Type 6 #19	1	1	100	Detected
Type 6 #20	1	1	100	Detected
Type 6 #21	1	1	100	Detected
Type 6 #22	1	1	100	Detected
Type 6 #23	1	1	100	Detected
Type 6 #24	1	1	100	Detected
Type 6 #25	1	1	100	Detected
Type 6 #26	1	1	100	Detected
Type 6 #27	1	1	100	Detected
Type 6 #28	1	1	100	Detected
Type 6 #29	1	1	100	Detected
Type 6 #30	1	1	100	Detected
Aggregate:	**30**	**30**	**100.00**	**Pass**

8.1.5. Detection Bandwidth

To determine the equipment Detection Bandwidth for each applicable operational mode a single burst of the short pulse radar Type 0 was produced at the appropriate power level. The EUT was set up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.

To determine the actual receiver bandwidth a single radar burst is generated for a minimum of 10 trials and the response of the EUT noted. The EUT must detect at least 9 trials in order to meet the criteria.

Starting from the actual channel center frequency the radar frequency is increased in 5 MHz steps, injecting a Type 0 ten times, until the detection rate falls below 90%. At this time the span between this decrease in detection rate and the last 5 MHz step is checked with a 1 MHz step size. The highest frequency at which detection is greater than or equal to 90% is denoted as FH.

The radar frequency is decreased in 5 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as FL.

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

The U-NII Detection Bandwidth must meet the U-NII Detection Bandwidth criterion specified. Otherwise, the UUT does not comply with DFS requirements. This is essential to ensure that the UUT is capable of detecting Radar Waveforms across the same frequency spectrum that contains the significant energy from the system. In the case that the U-NII Detection Bandwidth is greater than or equal to the 99% power bandwidth for the measured FH and FL, the test can be truncated and the U-NII Detection Bandwidth can be reported as the measured FH and FL.

Equipment Configuration for Detection Bandwidth

Variant:	802.11a	**Duty Cycle (%):**	0.10
Data Rate:	6 Mbit/s	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5515 MHz	2	0	Not Detected
5511 MHz	2	0	Not Detected
5510 MHz	10	10	Detected
5505 MHz	10	10	Detected
5500 MHz	10	10	Detected
5495 MHz	10	10	Detected
5490 MHz	10	10	Detected
5489 MHz	2	0	Not Detected
5485 MHz	2	0	Not Detected

Equipment Configuration for Detection Bandwidth

Variant:	802.11ac-80	**Duty Cycle (%):**	0.10
Data Rate:	MCS0/NSS1	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5530.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5575 MHz	2	0	Not Detected
5571 MHz	2	0	Not Detected
5570 MHz	10	10	Detected
5565 MHz	10	10	Detected
5560 MHz	10	10	Detected
5555 MHz	10	10	Detected
5550 MHz	10	10	Detected
5545 MHz	10	10	Detected
5540 MHz	10	10	Detected
5535 MHz	10	10	Detected
5530 MHz	10	10	Detected
5525 MHz	10	10	Detected
5520 MHz	10	10	Detected
5515 MHz	10	10	Detected
5510 MHz	10	10	Detected
5505 MHz	10	10	Detected
5500 MHz	10	10	Detected
5495 MHz	10	10	Detected
5490 MHz	10	10	Detected
5489 MHz	2	0	Not Detected
5485 MHz	2	0	Not Detected

Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT-40	**Duty Cycle (%):**	0.10
Data Rate:	MCS0	**Antenna Gain (dBi):**	2.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Result
5534 MHz	2	0	Not Detected
5530 MHz	2	0	Not Detected
5529 MHz	10	10	Detected
5528 MHz	10	10	Detected
5527 MHz	10	10	Detected
5526 MHz	10	9	Detected
5525 MHz	10	10	Detected
5520 MHz	10	10	Detected
5515 MHz	10	10	Detected
5510 MHz	10	10	Detected
5505 MHz	10	10	Detected
5500 MHz	10	10	Detected
5495 MHz	10	10	Detected
5494 MHz	10	10	Detected
5493 MHz	10	10	Detected
5492 MHz	10	10	Detected
5491 MHz	10	10	Detected
5490 MHz	2	0	Not Detected
5486 MHz	2	0	Not Detected

A. APPENDIX – Radar Signatures

Type 5 #1 5503 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	13	857411	85	1656	0	63839	923076
2	2	13	746434	65	1720	0	174792	923076
3	2	13	349863	64	1595	0	571490	923076
4	3	13	156001	85	1140	1217	764463	923076
5	3	13	245499	63	1256	1146	674986	923076
6	3	13	337185	82	1759	1037	582849	923076
7	1	13	342811	88	0	0	580177	923076
8	3	13	766146	62	1902	1879	152963	923076
9	3	13	692916	60	1607	1758	226615	923076
10	1	13	337524	84	0	0	585468	923076
11	1	13	395001	68	0	0	528007	923076
12	2	13	543713	86	1110	0	378081	923076
13	1	13	250061	58	0	0	672957	923076

Type 5 #2 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	16	233254	66	1305	1770	563473	800000
2	1	16	267715	77	0	0	532208	800000
3	3	16	84881	68	1083	1426	712406	800000
4	3	16	103005	57	1356	1971	693497	800000
5	2	16	166982	64	1308	0	631582	800000
6	3	16	547531	85	1489	1847	248878	800000
7	3	16	453582	86	1049	1956	343155	800000
8	1	16	38745	68	0	0	761187	800000
9	3	16	348587	82	1735	1091	448341	800000
10	3	16	381806	65	1947	1240	414812	800000
11	3	16	66858	86	1015	1461	730408	800000
12	1	16	390865	92	0	0	409043	800000
13	3	16	120727	84	1140	1717	676164	800000
14	2	16	67430	79	1221	0	731191	800000
15	1	16	459871	82	0	0	340047	800000

Type 5 #3 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	1125817	53	1465	1938	70621	1200000
2	1	19	301612	59	0	0	898329	1200000
3	1	19	990183	74	0	0	209743	1200000

4	1	19	783591	98	0	0	416311	1200000
5	2	19	1197859	97	1376	0	571	1200000
6	2	19	1065248	85	1072	0	133510	1200000
7	3	19	704234	61	1600	1949	492034	1200000
8	3	19	253009	80	1675	1779	943297	1200000
9	1	19	437983	69	0	0	761948	1200000
10	3	19	738377	80	1164	1837	458382	1200000

Type 5 #4 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	226871	53	0	0	630218	857142
2	2	19	558607	62	1370	0	297041	857142
3	2	19	399660	54	1888	0	455486	857142
4	1	19	378505	93	0	0	478544	857142
5	3	19	73519	100	1849	1634	779840	857142
6	3	19	640200	76	1378	1199	214137	857142
7	3	19	517003	56	1064	1991	336916	857142
8	2	19	12429	59	1625	0	842970	857142
9	2	19	236553	86	1376	0	619041	857142
10	3	19	685317	52	1340	1386	168943	857142
11	2	19	371222	77	1049	0	484717	857142
12	1	19	741753	68	0	0	115321	857142
13	1	19	578388	93	0	0	278661	857142
14	3	19	271501	91	1946	1942	581480	857142

Type 5 #5 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	529353	78	0	0	327711	857142
2	2	19	775768	93	1597	0	79591	857142
3	2	19	146737	77	1942	0	708309	857142
4	2	19	722401	92	1557	0	133000	857142
5	2	19	388092	91	1703	0	467165	857142
6	3	19	843054	55	1669	1068	11186	857142
7	3	19	506737	78	1539	1519	347113	857142
8	3	19	687521	73	1529	1312	166561	857142
9	3	19	428330	69	1289	1004	426312	857142
10	3	19	16331	59	1259	1553	837822	857142
11	1	19	154173	78	0	0	702891	857142
12	2	19	406010	61	1190	0	449820	857142
13	3	19	854922	85	1980	1402	-1417	857142
14	3	19	205954	55	1104	1607	648312	857142

Type 5 #6 5495 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	436596	56	0	0	163348	600000
2	1	8	244825	71	0	0	355104	600000
3	2	8	177041	80	1543	0	421256	600000
4	1	8	509148	86	0	0	90766	600000
5	3	8	100513	65	1603	1289	496400	600000
6	1	8	362821	57	0	0	237122	600000
7	3	8	425129	55	1623	1821	171262	600000
8	3	8	222116	51	1406	1040	375285	600000
9	2	8	113185	94	1160	0	485467	600000
10	2	8	311443	66	1311	0	287114	600000
11	3	8	571609	54	1493	1854	24882	600000
12	3	8	488894	98	1344	1571	107897	600000
13	3	8	47178	65	1991	1770	548866	600000
14	1	8	174184	55	0	0	425761	600000
15	2	8	77590	66	1751	0	520527	600000
16	1	8	505748	99	0	0	94153	600000
17	2	8	320584	59	1259	0	278039	600000
18	1	8	19545	58	0	0	580397	600000
19	2	8	597032	73	1697	0	1125	600000
20	3	8	20299	57	1859	1396	576275	600000

Type 5 #7 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	764478	55	0	0	158543	923076
2	2	11	682942	99	1817	0	238119	923076
3	2	11	407886	74	1871	0	513171	923076
4	2	11	796631	86	1274	0	124999	923076
5	2	11	534536	51	1323	0	387115	923076
6	1	11	456558	86	0	0	466432	923076
7	2	11	41474	82	1887	0	879551	923076
8	1	11	680600	57	0	0	242419	923076
9	1	11	813609	90	0	0	109377	923076
10	3	11	866999	63	1118	1659	53111	923076
11	3	11	314416	84	1520	1731	605157	923076
12	3	11	512170	70	1853	1094	407749	923076
13	3	11	678982	71	1322	1124	241435	923076

Type 5 #8 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	778924	98	0	0	311887	1090909
2	1	20	1006078	53	0	0	84778	1090909
3	1	20	900506	89	0	0	190314	1090909
4	1	20	779712	95	0	0	311102	1090909
5	1	20	1054271	85	0	0	36553	1090909
6	3	20	837316	83	1961	1062	250321	1090909
7	1	20	177515	69	0	0	913325	1090909
8	2	20	723246	85	1365	0	366128	1090909
9	2	20	856061	98	1079	0	233573	1090909
10	1	20	65935	56	0	0	1024918	1090909
11	3	20	777015	75	1038	1210	311421	1090909

Type 5 #9 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	553379	66	1155	1367	534810	1090909
2	3	11	593314	56	1195	1896	494336	1090909
3	1	11	189501	86	0	0	901322	1090909
4	2	11	410059	76	1761	0	678937	1090909
5	3	11	1060001	61	1059	1731	27935	1090909
6	2	11	27810	80	1914	0	1061025	1090909
7	1	11	691940	62	0	0	398907	1090909
8	3	11	167223	96	1863	1697	919838	1090909
9	3	11	752679	97	1038	1493	335408	1090909
10	3	11	794413	70	1251	1474	293561	1090909
11	1	11	105117	54	0	0	985738	1090909

Type 5 #10 5504 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	851514	72	0	0	5556	857142
2	1	9	439136	56	0	0	417950	857142
3	2	9	29880	53	1122	0	826034	857142
4	1	9	825684	51	0	0	31407	857142
5	1	9	567964	78	0	0	289100	857142
6	1	9	173325	72	0	0	683745	857142
7	2	9	751184	77	1828	0	103976	857142
8	1	9	500681	63	0	0	356398	857142
9	3	9	710329	80	1200	1982	143391	857142

10	1	9	442699	87	0	0	414356	857142
11	2	9	64842	91	1055	0	791063	857142
12	2	9	291780	51	1253	0	564007	857142
13	2	9	676943	99	1988	0	178013	857142
14	2	9	664302	79	1423	0	191259	857142

Type 5 #11 5504 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	11	587792	99	0	0	212109	800000
2	1	11	746232	97	0	0	53671	800000
3	3	11	695055	69	1472	1746	101520	800000
4	3	11	609608	96	1662	1283	187159	800000
5	2	11	198189	71	1191	0	600478	800000
6	3	11	176572	75	1046	1614	620543	800000
7	2	11	34953	62	1660	0	763263	800000
8	2	11	457746	94	1300	0	340766	800000
9	1	11	80537	93	0	0	719370	800000
10	3	11	153239	84	1371	1923	643215	800000
11	1	11	640274	74	0	0	159652	800000
12	2	11	250588	90	1676	0	547556	800000
13	2	11	128498	68	1317	0	670049	800000
14	3	11	278551	75	1092	1509	518623	800000
15	3	11	457925	100	1264	1191	339320	800000

Type 5 #12 5506 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	590615	78	1905	0	740657	1333333
2	3	6	1313337	88	1255	1885	16592	1333333
3	1	6	924792	61	0	0	408480	1333333
4	1	6	772452	61	0	0	560820	1333333
5	3	6	299022	55	1644	1403	1031099	1333333
6	2	6	1012275	62	1035	0	319899	1333333
7	1	6	309740	63	0	0	1023530	1333333
8	3	6	307644	80	1256	1754	1022439	1333333
9	3	6	1319411	78	1464	1401	10823	1333333

Type 5 #13 5506 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	118545	63	1011	0	630318	750000
2	2	6	538004	95	1840	0	209966	750000

3	1	6	547883	56	0	0	202061	750000
4	3	6	357995	100	1044	1090	389571	750000
5	1	6	419371	67	0	0	330562	750000
6	1	6	175956	50	0	0	573994	750000
7	2	6	56072	71	1154	0	692632	750000
8	3	6	332772	89	1034	1221	414706	750000
9	3	6	228261	94	1225	1608	518624	750000
10	2	6	743165	54	1267	0	5460	750000
11	3	6	97126	90	1543	1207	649854	750000
12	1	6	117546	73	0	0	632381	750000
13	1	6	156801	83	0	0	593116	750000
14	2	6	712190	89	1050	0	36582	750000
15	3	6	458956	88	1328	1647	287805	750000
16	1	6	190145	87	0	0	559768	750000

Type 5 #14 5502 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	487007	97	1868	0	260931	750000
2	3	15	155765	89	1917	1288	590763	750000
3	1	15	395473	70	0	0	354457	750000
4	1	15	54541	89	0	0	695370	750000
5	1	15	177019	72	0	0	572909	750000
6	2	15	149582	89	1389	0	598851	750000
7	3	15	428336	62	1165	1436	318877	750000
8	1	15	110277	93	0	0	639630	750000
9	1	15	309080	53	0	0	440867	750000
10	2	15	256001	93	1405	0	492408	750000
11	2	15	563182	87	1555	0	185089	750000
12	1	15	166355	70	0	0	583575	750000
13	3	15	425854	63	1396	1260	321301	750000
14	3	15	618506	52	1283	1773	128282	750000
15	1	15	465817	84	0	0	284099	750000
16	1	15	29391	50	0	0	720559	750000

Type 5 #15 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	433245	70	1096	0	1065519	1500000
2	1	12	241280	69	0	0	1258651	1500000
3	3	12	676442	88	1038	1278	820978	1500000
4	1	12	881208	79	0	0	618713	1500000
5	2	12	789226	66	1052	0	709590	1500000
6	3	12	471005	57	1175	1147	1026502	1500000

7	1	12	434110	82	0	0	1065808	1500000
8	1	12	1305107	78	0	0	194815	1500000

Type 5 #16 5495 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	402485	99	1729	1808	450823	857142
2	3	8	359430	78	1165	1533	494780	857142
3	3	8	203805	79	1681	1149	650270	857142
4	2	8	707167	93	1823	0	147966	857142
5	3	8	127972	66	1895	1366	725711	857142
6	1	8	462304	53	0	0	394785	857142
7	1	8	352967	83	0	0	504092	857142
8	2	8	454924	78	1966	0	400096	857142
9	2	8	519192	84	1106	0	336676	857142
10	2	8	174022	59	1334	0	681668	857142
11	3	8	632210	84	1373	1761	221546	857142
12	2	8	347501	85	1105	0	508366	857142
13	3	8	781769	73	1168	1882	72104	857142
14	3	8	285533	87	1624	1679	568045	857142

Type 5 #17 5496 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	190063	76	1815	1031	556863	750000
2	3	9	665621	95	1896	1600	80598	750000
3	3	9	165362	93	1417	1125	581817	750000
4	3	9	445969	90	1910	1464	300387	750000
5	2	9	60920	76	1186	0	687742	750000
6	1	9	618599	50	0	0	131351	750000
7	2	9	615191	55	1577	0	133122	750000
8	2	9	13547	96	1010	0	735251	750000
9	1	9	610779	53	0	0	139168	750000
10	3	9	707220	96	1165	1005	40322	750000
11	3	9	279350	69	1525	1259	467659	750000
12	2	9	573918	53	1538	0	174438	750000
13	2	9	558337	91	1067	0	190414	750000
14	3	9	586136	77	1805	1633	160195	750000
15	1	9	398524	72	0	0	351404	750000
16	3	9	93919	86	1474	1417	652932	750000

Type 5 #18 5504 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	10	377815	72	1242	0	420799	800000
2	1	10	201971	62	0	0	597967	800000
3	2	10	503785	67	1969	0	294112	800000
4	1	10	60884	64	0	0	739052	800000
5	1	10	551720	54	0	0	248226	800000
6	2	10	708534	82	1593	0	89709	800000
7	2	10	347789	75	1902	0	450159	800000
8	1	10	286787	76	0	0	513137	800000
9	2	10	154094	59	1312	0	644476	800000
10	1	10	288769	64	0	0	511167	800000
11	2	10	632458	67	1285	0	166123	800000
12	3	10	545518	95	1743	1513	250941	800000
13	3	10	489625	81	1254	1351	307527	800000
14	1	10	734468	67	0	0	65465	800000
15	3	10	591514	78	1467	1843	204942	800000

Type 5 #19 5495 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	556240	54	0	0	366782	923076
2	3	8	588585	86	1907	1218	331108	923076
3	2	8	853129	74	1360	0	68439	923076
4	3	8	641084	98	1579	1967	278152	923076
5	2	8	76644	85	1787	0	844475	923076
6	3	8	789698	62	1123	1545	130524	923076
7	1	8	153392	91	0	0	769593	923076
8	2	8	409687	76	1899	0	511338	923076
9	2	8	910640	61	1177	0	11137	923076
10	2	8	219204	56	1817	0	701943	923076
11	1	8	457531	58	0	0	465487	923076
12	3	8	765085	70	1994	1784	154003	923076
13	2	8	623772	54	1147	0	298049	923076

Type 5 #20 5504 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	11	470552	73	1483	1352	449470	923076
2	3	11	295571	92	1601	1768	623860	923076
3	1	11	730269	66	0	0	192741	923076

4	1	11	532815	75	0	0	390186	923076
5	3	11	70138	63	1679	1791	849279	923076
6	1	11	860037	67	0	0	62972	923076
7	3	11	654741	53	1410	1801	264965	923076
8	3	11	877023	57	1610	1889	42383	923076
9	1	11	715260	53	0	0	207763	923076
10	3	11	868500	85	1987	1418	50916	923076
11	3	11	637836	91	1697	1413	281857	923076
12	1	11	389232	57	0	0	533787	923076
13	1	11	349057	84	0	0	573935	923076

Type 5 #21 5495 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	7	408890	94	1348	1787	254359	666666
2	2	7	238916	74	1236	0	426366	666666
3	2	7	396118	85	1729	0	268649	666666
4	1	7	205612	60	0	0	460994	666666
5	1	7	538925	73	0	0	127668	666666
6	3	7	221567	68	1967	1839	441089	666666
7	3	7	75391	50	1628	1070	588427	666666
8	2	7	78219	96	1176	0	587079	666666
9	2	7	459316	96	1870	0	205288	666666
10	3	7	319408	68	1310	1315	344429	666666
11	1	7	287037	74	0	0	379555	666666
12	2	7	432155	77	1886	0	232471	666666
13	3	7	487598	81	1903	1477	175445	666666
14	2	7	128621	84	1955	0	535922	666666
15	1	7	275979	89	0	0	390598	666666
16	2	7	252689	84	1744	0	412065	666666
17	2	7	345128	76	1548	0	319838	666666
18	3	7	614966	57	1942	1618	47969	666666

Type 5 #22 5506 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	1030193	86	1957	0	467678	1500000
2	2	5	415628	59	1210	0	1083044	1500000
3	1	5	991598	86	0	0	508316	1500000
4	3	5	96408	84	1497	1049	1400794	1500000
5	3	5	93209	98	1388	1589	1403520	1500000
6	1	5	1108901	60	0	0	391039	1500000
7	1	5	828196	91	0	0	671713	1500000
8	1	5	27450	51	0	0	1472499	1500000

Type 5 #23 5502 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	15	522637	61	1746	1119	974315	1500000
2	3	15	649397	73	1173	1951	847260	1500000
3	1	15	938422	68	0	0	561510	1500000
4	1	15	1056124	100	0	0	443776	1500000
5	1	15	481838	74	0	0	1018088	1500000
6	2	15	205116	89	1420	0	1293286	1500000
7	1	15	1327512	85	0	0	172403	1500000
8	3	15	113248	87	1452	1316	1383723	1500000

Type 5 #24 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	912853	86	1888	1335	6742	923076
2	2	13	341497	84	1371	0	580040	923076
3	3	13	297286	71	1740	1360	622477	923076
4	1	13	721039	57	0	0	201980	923076
5	2	13	284450	81	1632	0	636832	923076
6	1	13	708471	96	0	0	214509	923076
7	1	13	742061	93	0	0	180922	923076
8	2	13	783688	53	1533	0	137749	923076
9	1	13	474135	66	0	0	448875	923076
10	1	13	824657	68	0	0	98351	923076
11	1	13	568359	86	0	0	354631	923076
12	2	13	275096	75	1201	0	646629	923076
13	1	13	904675	63	0	0	18338	923076

Type 5 #25 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	152923	60	1301	0	702798	857142
2	2	5	31231	54	1917	0	823886	857142
3	2	5	692917	63	1688	0	162411	857142
4	1	5	663639	66	0	0	193437	857142
5	2	5	833120	84	1063	0	22791	857142
6	1	5	153025	52	0	0	704065	857142
7	3	5	432029	55	1908	1613	421427	857142
8	1	5	425853	55	0	0	431234	857142
9	2	5	456432	100	1405	0	399105	857142
10	1	5	356910	75	0	0	500157	857142

11	2	5	388068	52	1271	0	467699	857142
12	2	5	833832	58	1369	0	21825	857142
13	1	5	522601	56	0	0	334485	857142
14	3	5	362698	52	1089	1128	492071	857142

Type 5 #26 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	16	308201	98	1385	1531	355255	666666
2	1	16	80712	81	0	0	585873	666666
3	2	16	446391	100	1455	0	218620	666666
4	1	16	56506	86	0	0	610074	666666
5	2	16	153780	65	1372	0	511384	666666
6	2	16	154987	56	1543	0	510024	666666
7	2	16	491039	68	1491	0	174000	666666
8	3	16	576364	61	1984	1027	87108	666666
9	3	16	67615	76	1301	1795	595727	666666
10	3	16	374468	50	1754	1046	289248	666666
11	3	16	103013	73	1418	1421	560595	666666
12	1	16	483118	92	0	0	183456	666666
13	2	16	460518	95	1763	0	204195	666666
14	3	16	91072	54	1440	1153	572839	666666
15	1	16	47302	77	0	0	619287	666666
16	3	16	539868	89	1342	1459	123730	666666
17	1	16	531397	99	0	0	135170	666666
18	3	16	624834	66	1442	1775	38417	666666

Type 5 #27 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	290049	70	1956	0	630931	923076
2	3	5	582689	88	1426	1477	337220	923076
3	2	5	351710	88	1385	0	569805	923076
4	2	5	894268	96	1207	0	27409	923076
5	1	5	602624	93	0	0	320359	923076
6	2	5	251549	66	1745	0	669650	923076
7	2	5	379619	83	1662	0	541629	923076
8	3	5	210782	75	1620	1497	708952	923076
9	2	5	85150	66	1934	0	835860	923076
10	1	5	719569	72	0	0	203435	923076
11	2	5	58243	59	1914	0	862801	923076
12	1	5	242582	78	0	0	680416	923076
13	2	5	189079	79	1007	0	732832	923076

Type 5 #28 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	358614	89	1414	1915	237790	600000
2	3	18	526861	96	1712	1560	69579	600000
3	2	18	450854	60	1712	0	147314	600000
4	1	18	223927	80	0	0	375993	600000
5	3	18	549528	68	1848	1723	46697	600000
6	1	18	243140	73	0	0	356787	600000
7	3	18	468103	73	1379	1902	128397	600000
8	3	18	506022	91	1463	1063	91179	600000
9	3	18	294668	100	1688	1456	301888	600000
10	1	18	297941	60	0	0	301999	600000
11	2	18	338969	72	1931	0	258956	600000
12	1	18	526893	73	0	0	73034	600000
13	2	18	246574	100	1155	0	352071	600000
14	1	18	278425	65	0	0	321510	600000
15	3	18	61130	67	1137	1296	536236	600000
16	2	18	402151	93	1034	0	196629	600000
17	2	18	254480	62	1506	0	343890	600000
18	3	18	482077	97	1972	1388	114272	600000
19	2	18	512136	89	1187	0	86499	600000
20	2	18	571573	63	1277	0	27024	600000

Type 5 #29 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	693271	92	1752	1717	302984	1000000
2	1	10	485739	63	0	0	514198	1000000
3	1	10	235471	65	0	0	764464	1000000
4	1	10	947952	76	0	0	51972	1000000
5	3	10	107815	68	1108	1537	889336	1000000
6	2	10	43548	88	1482	0	954794	1000000
7	2	10	537264	52	1707	0	460925	1000000
8	1	10	500498	57	0	0	499445	1000000
9	2	10	991185	83	1774	0	6875	1000000
10	2	10	48677	63	1963	0	949234	1000000
11	2	10	176516	52	1513	0	821867	1000000
12	1	10	580568	60	0	0	419372	1000000

Type 5 #30 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	10909	72	1568	1241	1076975	1090909
2	1	8	324892	95	0	0	765922	1090909
3	2	8	959766	79	1176	0	129809	1090909
4	3	8	1083735	81	1034	1433	4464	1090909
5	3	8	54583	77	1531	1060	1033504	1090909
6	2	8	485704	100	1362	0	603643	1090909
7	2	8	768848	86	1278	0	320611	1090909
8	3	8	834908	85	1038	1443	253265	1090909
9	1	8	36221	92	0	0	1054596	1090909
10	2	8	399231	85	1809	0	689699	1090909
11	3	8	40477	60	1217	1738	1047297	1090909

Type 6 #1 [Back to Summary]									
#01-5677	#02-5432	#03-5272	#04-5673	#05-5297	#06-5467	#07-5377	#08-5702	#09-5313	#10-5672
#11-5406	#12-5439	#13-5557	#14-5646	#15-5349	#16-5399	#17-5578	#18-5550	#19-5389	#20-5451
#21-5658	#22-5336	#23-5647	#24-5668	#25-5565	#26-5380	#27-5489	#28-5507	#29-5258	#30-5567
#31-5508	#32-5257	#33-5287	#34-5638	#35-5371	#36-5433	#37-5329	#38-5699	#39-5407	#40-5525
#41-5423	#42-5606	#43-5573	#44-5546	#45-5268	#46-5435	#47-5515	#48-5430	#49-5501	#50-5534
#51-5413	#52-5511	#53-5440	#54-5506	#55-5612	#56-5593	#57-5509	#58-5325	#59-5355	#60-5642
#61-5706	#62-5598	#63-5693	#64-5470	#65-5415	#66-5393	#67-5396	#68-5640	#69-5527	#70-5643
#71-5316	#72-5607	#73-5391	#74-5591	#75-5277	#76-5302	#77-5490	#78-5348	#79-5654	#80-5379
#81-5594	#82-5306	#83-5255	#84-5455	#85-5403	#86-5723	#87-5547	#88-5505	#89-5281	#90-5512
#91-5651	#92-5251	#93-5592	#94-5487	#95-5548	#96-5554	#97-5637	#98-5347	#99-5375	#100-5599

Type 6 #2 [Back to Summary]									
#01-5282	#02-5598	#03-5630	#04-5581	#05-5462	#06-5532	#07-5361	#08-5570	#09-5477	#10-5554
#11-5347	#12-5405	#13-5401	#14-5700	#15-5297	#16-5646	#17-5590	#18-5490	#19-5316	#20-5419
#21-5577	#22-5620	#23-5610	#24-5266	#25-5719	#26-5318	#27-5263	#28-5635	#29-5296	#30-5451
#31-5390	#32-5389	#33-5696	#34-5307	#35-5352	#36-5718	#37-5406	#38-5399	#39-5712	#40-5594
#41-5612	#42-5697	#43-5277	#44-5452	#45-5412	#46-5494	#47-5572	#48-5617	#49-5441	#50-5626
#51-5684	#52-5395	#53-5284	#54-5682	#55-5267	#56-5386	#57-5713	#58-5609	#59-5583	#60-5394
#61-5517	#62-5455	#63-5523	#64-5275	#65-5417	#66-5680	#67-5435	#68-5343	#69-5596	#70-5305
#71-5493	#72-5443	#73-5503	#74-5448	#75-5533	#76-5603	#77-5587	#78-5409	#79-5578	#80-5478
#81-5469	#82-5369	#83-5442	#84-5391	#85-5492	#86-5717	#87-5351	#88-5259	#89-5290	#90-5686
#91-5254	#92-5518	#93-5538	#94-5565	#95-5326	#96-5410	#97-5427	#98-5252	#99-5288	#100-5458

Type 6 #3 [Back to Summary]									
#01-5307	#02-5480	#03-5267	#04-5387	#05-5384	#06-5498	#07-5621	#08-5563	#09-5404	#10-5390
#11-5525	#12-5556	#13-5280	#14-5360	#15-5655	#16-5398	#17-5261	#18-5379	#19-5513	#20-5426
#21-5582	#22-5427	#23-5306	#24-5639	#25-5299	#26-5702	#27-5632	#28-5662	#29-5371	#30-5375
#31-5434	#32-5590	#33-5372	#34-5383	#35-5425	#36-5714	#37-5353	#38-5305	#39-5262	#40-5720
#41-5347	#42-5523	#43-5586	#44-5627	#45-5419	#46-5433	#47-5490	#48-5432	#49-5643	#50-5658
#51-5400	#52-5294	#53-5473	#54-5592	#55-5601	#56-5611	#57-5430	#58-5354	#59-5335	#60-5412
#61-5594	#62-5688	#63-5449	#64-5277	#65-5686	#66-5664	#67-5441	#68-5625	#69-5668	#70-5667
#71-5289	#72-5682	#73-5365	#74-5518	#75-5324	#76-5310	#77-5565	#78-5409	#79-5479	#80-5599
#81-5471	#82-5462	#83-5269	#84-5450	#85-5705	#86-5386	#87-5368	#88-5516	#89-5514	#90-5541
#91-5544	#92-5724	#93-5694	#94-5579	#95-5377	#96-5389	#97-5326	#98-5558	#99-5669	#100-5484

Type 6 #4 [Back to Summary]									
#01-5718	#02-5585	#03-5484	#04-5699	#05-5613	#06-5438	#07-5652	#08-5675	#09-5511	#10-5536
#11-5293	#12-5268	#13-5605	#14-5460	#15-5665	#16-5382	#17-5664	#18-5724	#19-5299	#20-5547
#21-5537	#22-5643	#23-5363	#24-5376	#25-5373	#26-5289	#27-5710	#28-5508	#29-5386	#30-5659
#31-5704	#32-5258	#33-5461	#34-5720	#35-5599	#36-5598	#37-5691	#38-5294	#39-5546	#40-5506
#41-5450	#42-5415	#43-5719	#44-5689	#45-5486	#46-5515	#47-5361	#48-5474	#49-5632	#50-5716
#51-5437	#52-5325	#53-5500	#54-5359	#55-5655	#56-5319	#57-5465	#58-5351	#59-5569	#60-5568
#61-5446	#62-5389	#63-5535	#64-5572	#65-5553	#66-5282	#67-5525	#68-5608	#69-5579	#70-5309
#71-5409	#72-5619	#73-5417	#74-5503	#75-5340	#76-5367	#77-5646	#78-5393	#79-5607	#80-5576
#81-5645	#82-5475	#83-5593	#84-5387	#85-5459	#86-5625	#87-5470	#88-5341	#89-5304	#90-5527

#91-5379	#92-5584	#93-5435	#94-5700	#95-5305	#96-5311	#97-5601	#98-5392	#99-5383	#100-5452

Type 6 #5 [Back to Summary]									
#01-5715	#02-5479	#03-5620	#04-5575	#05-5552	#06-5545	#07-5631	#08-5720	#09-5269	#10-5536
#11-5394	#12-5323	#13-5467	#14-5718	#15-5648	#16-5694	#17-5513	#18-5396	#19-5355	#20-5652
#21-5528	#22-5427	#23-5550	#24-5299	#25-5650	#26-5549	#27-5424	#28-5440	#29-5448	#30-5279
#31-5490	#32-5501	#33-5258	#34-5401	#35-5590	#36-5415	#37-5585	#38-5272	#39-5563	#40-5645
#41-5722	#42-5477	#43-5327	#44-5491	#45-5381	#46-5309	#47-5365	#48-5449	#49-5304	#50-5337
#51-5522	#52-5455	#53-5288	#54-5459	#55-5653	#56-5535	#57-5655	#58-5572	#59-5651	#60-5252
#61-5368	#62-5435	#63-5519	#64-5711	#65-5297	#66-5617	#67-5316	#68-5318	#69-5378	#70-5481
#71-5361	#72-5498	#73-5565	#74-5434	#75-5661	#76-5300	#77-5351	#78-5310	#79-5640	#80-5595
#81-5433	#82-5701	#83-5388	#84-5363	#85-5486	#86-5285	#87-5469	#88-5529	#89-5482	#90-5306
#91-5497	#92-5263	#93-5348	#94-5568	#95-5532	#96-5542	#97-5687	#98-5341	#99-5446	#100-5499

Type 6 #6 [Back to Summary]									
#01-5720	#02-5301	#03-5321	#04-5550	#05-5700	#06-5275	#07-5618	#08-5575	#09-5525	#10-5599
#11-5431	#12-5591	#13-5654	#14-5309	#15-5540	#16-5391	#17-5297	#18-5407	#19-5479	#20-5259
#21-5401	#22-5514	#23-5563	#24-5325	#25-5711	#26-5348	#27-5399	#28-5250	#29-5636	#30-5373
#31-5340	#32-5263	#33-5590	#34-5400	#35-5597	#36-5385	#37-5633	#38-5564	#39-5388	#40-5460
#41-5396	#42-5617	#43-5723	#44-5605	#45-5600	#46-5627	#47-5335	#48-5288	#49-5268	#50-5386
#51-5489	#52-5529	#53-5583	#54-5440	#55-5344	#56-5458	#57-5467	#58-5722	#59-5561	#60-5608
#61-5604	#62-5623	#63-5668	#64-5409	#65-5509	#66-5422	#67-5254	#68-5506	#69-5441	#70-5413
#71-5486	#72-5462	#73-5272	#74-5276	#75-5593	#76-5513	#77-5518	#78-5686	#79-5450	#80-5337
#81-5264	#82-5362	#83-5707	#84-5502	#85-5614	#86-5535	#87-5406	#88-5404	#89-5306	#90-5390
#91-5650	#92-5640	#93-5251	#94-5510	#95-5581	#96-5499	#97-5676	#98-5569	#99-5342	#100-5432

Type 6 #7 [Back to Summary]									
#01-5621	#02-5551	#03-5574	#04-5581	#05-5624	#06-5277	#07-5507	#08-5559	#09-5567	#10-5552
#11-5665	#12-5498	#13-5519	#14-5470	#15-5592	#16-5485	#17-5636	#18-5409	#19-5516	#20-5703
#21-5264	#22-5575	#23-5446	#24-5297	#25-5484	#26-5578	#27-5452	#28-5481	#29-5411	#30-5338
#31-5562	#32-5675	#33-5595	#34-5269	#35-5434	#36-5428	#37-5508	#38-5372	#39-5606	#40-5584
#41-5274	#42-5568	#43-5555	#44-5467	#45-5443	#46-5384	#47-5355	#48-5495	#49-5646	#50-5335
#51-5596	#52-5504	#53-5296	#54-5360	#55-5407	#56-5294	#57-5346	#58-5527	#59-5339	#60-5295
#61-5543	#62-5271	#63-5391	#64-5475	#65-5718	#66-5715	#67-5642	#68-5501	#69-5284	#70-5402
#71-5705	#72-5509	#73-5537	#74-5668	#75-5682	#76-5417	#77-5265	#78-5702	#79-5573	#80-5347
#81-5462	#82-5686	#83-5576	#84-5325	#85-5471	#86-5306	#87-5630	#88-5473	#89-5587	#90-5390
#91-5332	#92-5710	#93-5285	#94-5556	#95-5289	#96-5251	#97-5422	#98-5330	#99-5480	#100-5456

Type 6 #8 [Back to Summary]									
#01-5479	#02-5581	#03-5464	#04-5484	#05-5359	#06-5331	#07-5696	#08-5357	#09-5410	#10-5717
#11-5277	#12-5372	#13-5679	#14-5716	#15-5553	#16-5583	#17-5425	#18-5313	#19-5251	#20-5661
#21-5340	#22-5408	#23-5645	#24-5612	#25-5319	#26-5719	#27-5473	#28-5703	#29-5623	#30-5673
#31-5721	#32-5656	#33-5469	#34-5360	#35-5590	#36-5606	#37-5467	#38-5335	#39-5689	#40-5393
#41-5330	#42-5516	#43-5315	#44-5585	#45-5368	#46-5686	#47-5279	#48-5292	#49-5254	#50-5432
#51-5549	#52-5363	#53-5328	#54-5542	#55-5376	#56-5322	#57-5654	#58-5573	#59-5417	#60-5370
#61-5582	#62-5713	#63-5458	#64-5459	#65-5720	#66-5343	#67-5621	#68-5565	#69-5377	#70-5663

#71-5365	#72-5337	#73-5348	#74-5578	#75-5574	#76-5543	#77-5338	#78-5303	#79-5498	#80-5356
#81-5685	#82-5434	#83-5698	#84-5447	#85-5382	#86-5609	#87-5577	#88-5646	#89-5710	#90-5520
#91-5671	#92-5614	#93-5641	#94-5568	#95-5527	#96-5339	#97-5302	#98-5580	#99-5591	#100-5272

Type 6 #9 [Back to Summary]									
#01-5315	#02-5435	#03-5646	#04-5311	#05-5318	#06-5466	#07-5263	#08-5474	#09-5691	#10-5549
#11-5709	#12-5600	#13-5332	#14-5308	#15-5402	#16-5407	#17-5264	#18-5262	#19-5339	#20-5364
#21-5490	#22-5698	#23-5581	#24-5576	#25-5715	#26-5472	#27-5416	#28-5498	#29-5298	#30-5491
#31-5492	#32-5480	#33-5442	#34-5471	#35-5289	#36-5511	#37-5515	#38-5642	#39-5379	#40-5635
#41-5599	#42-5361	#43-5685	#44-5417	#45-5541	#46-5328	#47-5542	#48-5593	#49-5427	#50-5378
#51-5330	#52-5296	#53-5507	#54-5487	#55-5523	#56-5345	#57-5586	#58-5322	#59-5324	#60-5578
#61-5301	#62-5501	#63-5426	#64-5456	#65-5310	#66-5488	#67-5413	#68-5595	#69-5269	#70-5629
#71-5628	#72-5353	#73-5617	#74-5430	#75-5496	#76-5380	#77-5260	#78-5419	#79-5286	#80-5647
#81-5664	#82-5557	#83-5321	#84-5653	#85-5411	#86-5447	#87-5703	#88-5683	#89-5680	#90-5674
#91-5652	#92-5441	#93-5571	#94-5536	#95-5587	#96-5356	#97-5665	#98-5484	#99-5358	#100-5304

Type 6 #10 [Back to Summary]									
#01-5640	#02-5676	#03-5570	#04-5526	#05-5478	#06-5705	#07-5410	#08-5325	#09-5720	#10-5389
#11-5328	#12-5416	#13-5281	#14-5408	#15-5637	#16-5479	#17-5426	#18-5504	#19-5295	#20-5596
#21-5506	#22-5454	#23-5631	#24-5319	#25-5697	#26-5435	#27-5507	#28-5329	#29-5568	#30-5382
#31-5439	#32-5508	#33-5307	#34-5707	#35-5722	#36-5704	#37-5698	#38-5516	#39-5412	#40-5427
#41-5275	#42-5622	#43-5682	#44-5539	#45-5591	#46-5481	#47-5399	#48-5404	#49-5614	#50-5350
#51-5651	#52-5403	#53-5436	#54-5484	#55-5527	#56-5434	#57-5290	#58-5500	#59-5556	#60-5292
#61-5450	#62-5332	#63-5485	#64-5587	#65-5674	#66-5550	#67-5353	#68-5298	#69-5407	#70-5657
#71-5503	#72-5635	#73-5336	#74-5593	#75-5569	#76-5606	#77-5491	#78-5341	#79-5452	#80-5464
#81-5276	#82-5344	#83-5438	#84-5466	#85-5458	#86-5274	#87-5316	#88-5555	#89-5430	#90-5542
#91-5664	#92-5451	#93-5685	#94-5366	#95-5702	#96-5668	#97-5384	#98-5348	#99-5588	#100-5289

Type 6 #11 [Back to Summary]									
#01-5376	#02-5353	#03-5723	#04-5683	#05-5575	#06-5266	#07-5320	#08-5567	#09-5639	#10-5643
#11-5668	#12-5674	#13-5297	#14-5339	#15-5263	#16-5356	#17-5618	#18-5270	#19-5382	#20-5646
#21-5479	#22-5529	#23-5591	#24-5598	#25-5719	#26-5302	#27-5675	#28-5692	#29-5609	#30-5620
#31-5461	#32-5393	#33-5480	#34-5409	#35-5340	#36-5650	#37-5348	#38-5476	#39-5608	#40-5440
#41-5684	#42-5473	#43-5631	#44-5510	#45-5585	#46-5711	#47-5403	#48-5588	#49-5355	#50-5593
#51-5295	#52-5372	#53-5697	#54-5660	#55-5534	#56-5561	#57-5483	#58-5370	#59-5688	#60-5518
#61-5313	#62-5350	#63-5677	#64-5264	#65-5429	#66-5522	#67-5441	#68-5607	#69-5724	#70-5333
#71-5255	#72-5394	#73-5381	#74-5657	#75-5686	#76-5252	#77-5613	#78-5328	#79-5259	#80-5258
#81-5616	#82-5330	#83-5577	#84-5269	#85-5566	#86-5343	#87-5422	#88-5539	#89-5584	#90-5491
#91-5418	#92-5700	#93-5509	#94-5338	#95-5379	#96-5573	#97-5517	#98-5617	#99-5331	#100-5312

Type 6 #12 [Back to Summary]									
#01-5518	#02-5514	#03-5596	#04-5269	#05-5592	#06-5631	#07-5717	#08-5286	#09-5699	#10-5535
#11-5675	#12-5403	#13-5363	#14-5680	#15-5625	#16-5709	#17-5486	#18-5661	#19-5411	#20-5337
#21-5357	#22-5620	#23-5270	#24-5478	#25-5643	#26-5282	#27-5599	#28-5292	#29-5534	#30-5355
#31-5453	#32-5724	#33-5721	#34-5666	#35-5461	#36-5356	#37-5457	#38-5563	#39-5395	#40-5668
#41-5346	#42-5382	#43-5566	#44-5305	#45-5540	#46-5259	#47-5582	#48-5555	#49-5435	#50-5389

#51-5340	#52-5580	#53-5454	#54-5716	#55-5678	#56-5616	#57-5492	#58-5364	#59-5347	#60-5556
#61-5277	#62-5674	#63-5471	#64-5590	#65-5328	#66-5673	#67-5407	#68-5420	#69-5465	#70-5516
#71-5497	#72-5646	#73-5512	#74-5464	#75-5713	#76-5697	#77-5302	#78-5687	#79-5656	#80-5628
#81-5417	#82-5293	#83-5573	#84-5393	#85-5262	#86-5593	#87-5511	#88-5253	#89-5710	#90-5562
#91-5581	#92-5342	#93-5462	#94-5554	#95-5638	#96-5392	#97-5629	#98-5696	#99-5694	#100-5583

Type 6 #13 [Back to Summary]									
#01-5577	#02-5415	#03-5342	#04-5642	#05-5615	#06-5417	#07-5315	#08-5713	#09-5252	#10-5703
#11-5563	#12-5529	#13-5425	#14-5440	#15-5387	#16-5708	#17-5347	#18-5325	#19-5580	#20-5460
#21-5408	#22-5403	#23-5433	#24-5622	#25-5658	#26-5401	#27-5434	#28-5678	#29-5549	#30-5568
#31-5313	#32-5328	#33-5715	#34-5321	#35-5304	#36-5256	#37-5675	#38-5660	#39-5506	#40-5571
#41-5530	#42-5527	#43-5251	#44-5261	#45-5255	#46-5306	#47-5645	#48-5280	#49-5428	#50-5659
#51-5299	#52-5558	#53-5372	#54-5492	#55-5437	#56-5427	#57-5709	#58-5452	#59-5706	#60-5467
#61-5710	#62-5363	#63-5413	#64-5409	#65-5635	#66-5489	#67-5542	#68-5353	#69-5382	#70-5383
#71-5283	#72-5416	#73-5548	#74-5262	#75-5652	#76-5604	#77-5404	#78-5430	#79-5618	#80-5602
#81-5487	#82-5402	#83-5510	#84-5616	#85-5523	#86-5486	#87-5684	#88-5478	#89-5617	#90-5608
#91-5273	#92-5483	#93-5679	#94-5294	#95-5587	#96-5421	#97-5365	#98-5569	#99-5345	#100-5498

Type 6 #14 [Back to Summary]									
#01-5490	#02-5544	#03-5621	#04-5290	#05-5628	#06-5611	#07-5262	#08-5361	#09-5561	#10-5551
#11-5271	#12-5535	#13-5552	#14-5356	#15-5704	#16-5558	#17-5582	#18-5519	#19-5613	#20-5403
#21-5523	#22-5315	#23-5457	#24-5495	#25-5360	#26-5524	#27-5454	#28-5498	#29-5396	#30-5480
#31-5484	#32-5565	#33-5324	#34-5374	#35-5359	#36-5667	#37-5506	#38-5461	#39-5713	#40-5638
#41-5466	#42-5577	#43-5642	#44-5311	#45-5591	#46-5452	#47-5657	#48-5573	#49-5312	#50-5276
#51-5564	#52-5571	#53-5682	#54-5669	#55-5692	#56-5419	#57-5331	#58-5371	#59-5658	#60-5348
#61-5401	#62-5482	#63-5689	#64-5325	#65-5310	#66-5432	#67-5458	#68-5424	#69-5720	#70-5286
#71-5298	#72-5368	#73-5536	#74-5703	#75-5660	#76-5678	#77-5400	#78-5393	#79-5635	#80-5625
#81-5597	#82-5609	#83-5431	#84-5367	#85-5647	#86-5644	#87-5603	#88-5381	#89-5407	#90-5663
#91-5579	#92-5380	#93-5528	#94-5607	#95-5474	#96-5709	#97-5606	#98-5553	#99-5723	#100-5395

Type 6 #15 [Back to Summary]									
#01-5722	#02-5475	#03-5576	#04-5276	#05-5700	#06-5443	#07-5282	#08-5699	#09-5256	#10-5263
#11-5273	#12-5660	#13-5462	#14-5283	#15-5481	#16-5519	#17-5305	#18-5567	#19-5407	#20-5398
#21-5556	#22-5330	#23-5268	#24-5313	#25-5435	#26-5642	#27-5561	#28-5651	#29-5474	#30-5675
#31-5322	#32-5569	#33-5399	#34-5487	#35-5627	#36-5373	#37-5288	#38-5412	#39-5395	#40-5455
#41-5612	#42-5630	#43-5379	#44-5400	#45-5640	#46-5645	#47-5648	#48-5506	#49-5380	#50-5688
#51-5657	#52-5296	#53-5408	#54-5577	#55-5571	#56-5644	#57-5459	#58-5520	#59-5566	#60-5312
#61-5609	#62-5356	#63-5480	#64-5308	#65-5672	#66-5431	#67-5515	#68-5704	#69-5375	#70-5358
#71-5486	#72-5616	#73-5425	#74-5680	#75-5512	#76-5652	#77-5677	#78-5593	#79-5390	#80-5514
#81-5720	#82-5304	#83-5523	#84-5508	#85-5267	#86-5275	#87-5415	#88-5546	#89-5634	#90-5708
#91-5633	#92-5490	#93-5562	#94-5335	#95-5563	#96-5502	#97-5397	#98-5323	#99-5450	#100-5457

Type 6 #16 [Back to Summary]									
#01-5379	#02-5669	#03-5376	#04-5271	#05-5455	#06-5289	#07-5595	#08-5451	#09-5315	#10-5645
#11-5696	#12-5586	#13-5375	#14-5304	#15-5316	#16-5555	#17-5560	#18-5693	#19-5286	#20-5644
#21-5266	#22-5692	#23-5318	#24-5398	#25-5447	#26-5718	#27-5302	#28-5343	#29-5365	#30-5255

#31-5503	#32-5604	#33-5399	#34-5658	#35-5390	#36-5303	#37-5652	#38-5502	#39-5309	#40-5705
#41-5411	#42-5685	#43-5485	#44-5717	#45-5261	#46-5301	#47-5369	#48-5516	#49-5270	#50-5262
#51-5668	#52-5439	#53-5287	#54-5535	#55-5448	#56-5419	#57-5605	#58-5708	#59-5552	#60-5467
#61-5711	#62-5509	#63-5344	#64-5317	#65-5403	#66-5349	#67-5453	#68-5450	#69-5639	#70-5264
#71-5625	#72-5320	#73-5634	#74-5313	#75-5496	#76-5311	#77-5471	#78-5332	#79-5392	#80-5407
#81-5606	#82-5523	#83-5329	#84-5360	#85-5321	#86-5328	#87-5574	#88-5589	#89-5478	#90-5699
#91-5432	#92-5670	#93-5673	#94-5572	#95-5719	#96-5622	#97-5598	#98-5430	#99-5571	#100-5642

Type 6 #17 [Back to Summary]									
#01-5580	#02-5647	#03-5593	#04-5256	#05-5358	#06-5610	#07-5519	#08-5703	#09-5292	#10-5386
#11-5674	#12-5529	#13-5573	#14-5405	#15-5581	#16-5446	#17-5434	#18-5712	#19-5723	#20-5326
#21-5495	#22-5582	#23-5698	#24-5666	#25-5561	#26-5681	#27-5359	#28-5315	#29-5312	#30-5589
#31-5428	#32-5287	#33-5473	#34-5460	#35-5536	#36-5680	#37-5642	#38-5311	#39-5716	#40-5421
#41-5516	#42-5588	#43-5539	#44-5330	#45-5273	#46-5615	#47-5343	#48-5512	#49-5711	#50-5514
#51-5435	#52-5609	#53-5418	#54-5489	#55-5393	#56-5721	#57-5668	#58-5646	#59-5409	#60-5395
#61-5493	#62-5450	#63-5635	#64-5420	#65-5677	#66-5631	#67-5302	#68-5361	#69-5586	#70-5621
#71-5522	#72-5367	#73-5718	#74-5543	#75-5525	#76-5627	#77-5285	#78-5614	#79-5640	#80-5671
#81-5578	#82-5558	#83-5324	#84-5507	#85-5396	#86-5537	#87-5583	#88-5702	#89-5308	#90-5532
#91-5259	#92-5717	#93-5618	#94-5555	#95-5648	#96-5314	#97-5673	#98-5362	#99-5370	#100-5355

Type 6 #18 [Back to Summary]									
#01-5559	#02-5704	#03-5651	#04-5337	#05-5717	#06-5315	#07-5614	#08-5597	#09-5687	#10-5488
#11-5680	#12-5301	#13-5256	#14-5462	#15-5533	#16-5653	#17-5373	#18-5369	#19-5272	#20-5386
#21-5296	#22-5326	#23-5300	#24-5299	#25-5612	#26-5531	#27-5474	#28-5406	#29-5623	#30-5463
#31-5677	#32-5645	#33-5494	#34-5529	#35-5366	#36-5607	#37-5640	#38-5715	#39-5523	#40-5338
#41-5652	#42-5713	#43-5266	#44-5545	#45-5581	#46-5682	#47-5711	#48-5409	#49-5280	#50-5721
#51-5665	#52-5552	#53-5346	#54-5712	#55-5318	#56-5480	#57-5647	#58-5594	#59-5445	#60-5431
#61-5562	#62-5457	#63-5697	#64-5471	#65-5532	#66-5284	#67-5526	#68-5444	#69-5349	#70-5643
#71-5262	#72-5383	#73-5564	#74-5657	#75-5451	#76-5307	#77-5309	#78-5475	#79-5434	#80-5650
#81-5540	#82-5316	#83-5374	#84-5621	#85-5512	#86-5371	#87-5549	#88-5500	#89-5458	#90-5601
#91-5678	#92-5287	#93-5510	#94-5343	#95-5491	#96-5433	#97-5261	#98-5514	#99-5258	#100-5550

Type 6 #19 [Back to Summary]									
#01-5399	#02-5513	#03-5309	#04-5355	#05-5707	#06-5537	#07-5715	#08-5409	#09-5507	#10-5260
#11-5428	#12-5427	#13-5415	#14-5521	#15-5616	#16-5503	#17-5339	#18-5323	#19-5682	#20-5418
#21-5459	#22-5279	#23-5711	#24-5470	#25-5693	#26-5697	#27-5591	#28-5476	#29-5414	#30-5267
#31-5293	#32-5519	#33-5469	#34-5613	#35-5508	#36-5281	#37-5253	#38-5269	#39-5645	#40-5704
#41-5380	#42-5392	#43-5720	#44-5453	#45-5431	#46-5509	#47-5600	#48-5722	#49-5454	#50-5714
#51-5348	#52-5660	#53-5560	#54-5569	#55-5342	#56-5368	#57-5530	#58-5568	#59-5383	#60-5257
#61-5667	#62-5490	#63-5716	#64-5491	#65-5687	#66-5633	#67-5677	#68-5529	#69-5263	#70-5583
#71-5497	#72-5321	#73-5401	#74-5696	#75-5288	#76-5315	#77-5287	#78-5512	#79-5294	#80-5441
#81-5352	#82-5595	#83-5274	#84-5426	#85-5640	#86-5357	#87-5676	#88-5623	#89-5525	#90-5386
#91-5481	#92-5412	#93-5607	#94-5635	#95-5289	#96-5614	#97-5398	#98-5480	#99-5485	#100-5523

Type 6 #20 [Back to Summary]									
#01-5545	#02-5321	#03-5709	#04-5593	#05-5466	#06-5276	#07-5509	#08-5580	#09-5530	#10-5278
#11-5336	#12-5265	#13-5526	#14-5670	#15-5633	#16-5327	#17-5465	#18-5543	#19-5573	#20-5590
#21-5679	#22-5309	#23-5256	#24-5603	#25-5356	#26-5339	#27-5439	#28-5491	#29-5667	#30-5396
#31-5641	#32-5528	#33-5277	#34-5496	#35-5620	#36-5281	#37-5611	#38-5405	#39-5685	#40-5616
#41-5568	#42-5354	#43-5346	#44-5489	#45-5302	#46-5461	#47-5613	#48-5663	#49-5254	#50-5688
#51-5400	#52-5581	#53-5632	#54-5621	#55-5559	#56-5482	#57-5315	#58-5362	#59-5486	#60-5382
#61-5561	#62-5267	#63-5643	#64-5387	#65-5366	#66-5527	#67-5716	#68-5282	#69-5304	#70-5604
#71-5440	#72-5316	#73-5585	#74-5684	#75-5269	#76-5574	#77-5693	#78-5487	#79-5547	#80-5615
#81-5447	#82-5499	#83-5481	#84-5707	#85-5722	#86-5310	#87-5625	#88-5381	#89-5659	#90-5384
#91-5690	#92-5498	#93-5639	#94-5546	#95-5303	#96-5549	#97-5433	#98-5682	#99-5378	#100-5492

Type 6 #21 [Back to Summary]									
#01-5473	#02-5582	#03-5611	#04-5375	#05-5493	#06-5335	#07-5721	#08-5674	#09-5600	#10-5711
#11-5519	#12-5547	#13-5531	#14-5599	#15-5654	#16-5308	#17-5501	#18-5656	#19-5387	#20-5303
#21-5630	#22-5580	#23-5342	#24-5643	#25-5637	#26-5664	#27-5396	#28-5281	#29-5625	#30-5437
#31-5385	#32-5257	#33-5359	#34-5301	#35-5391	#36-5589	#37-5614	#38-5360	#39-5460	#40-5634
#41-5310	#42-5676	#43-5500	#44-5673	#45-5578	#46-5389	#47-5694	#48-5286	#49-5618	#50-5716
#51-5296	#52-5502	#53-5538	#54-5323	#55-5583	#56-5609	#57-5482	#58-5691	#59-5455	#60-5548
#61-5661	#62-5688	#63-5292	#64-5409	#65-5565	#66-5507	#67-5433	#68-5472	#69-5453	#70-5312
#71-5416	#72-5390	#73-5440	#74-5475	#75-5719	#76-5682	#77-5328	#78-5394	#79-5306	#80-5496
#81-5697	#82-5357	#83-5381	#84-5633	#85-5392	#86-5601	#87-5436	#88-5282	#89-5435	#90-5498
#91-5350	#92-5648	#93-5621	#94-5629	#95-5699	#96-5343	#97-5623	#98-5339	#99-5345	#100-5318

Type 6 #22 [Back to Summary]									
#01-5675	#02-5462	#03-5551	#04-5559	#05-5545	#06-5630	#07-5310	#08-5314	#09-5330	#10-5632
#11-5531	#12-5343	#13-5631	#14-5687	#15-5581	#16-5548	#17-5550	#18-5382	#19-5267	#20-5693
#21-5324	#22-5401	#23-5290	#24-5684	#25-5681	#26-5492	#27-5489	#28-5532	#29-5502	#30-5620
#31-5303	#32-5712	#33-5297	#34-5714	#35-5544	#36-5478	#37-5528	#38-5549	#39-5340	#40-5482
#41-5541	#42-5374	#43-5680	#44-5525	#45-5692	#46-5260	#47-5268	#48-5660	#49-5300	#50-5396
#51-5514	#52-5488	#53-5327	#54-5380	#55-5722	#56-5519	#57-5420	#58-5593	#59-5601	#60-5301
#61-5387	#62-5496	#63-5529	#64-5430	#65-5578	#66-5547	#67-5291	#68-5643	#69-5386	#70-5350
#71-5265	#72-5250	#73-5293	#74-5501	#75-5400	#76-5671	#77-5443	#78-5477	#79-5717	#80-5667
#81-5470	#82-5560	#83-5479	#84-5359	#85-5353	#86-5535	#87-5637	#88-5642	#89-5716	#90-5275
#91-5315	#92-5663	#93-5672	#94-5285	#95-5354	#96-5295	#97-5571	#98-5495	#99-5678	#100-5398

Type 6 #23 [Back to Summary]									
#01-5693	#02-5349	#03-5525	#04-5676	#05-5379	#06-5517	#07-5451	#08-5546	#09-5708	#10-5297
#11-5329	#12-5661	#13-5598	#14-5653	#15-5549	#16-5556	#17-5265	#18-5422	#19-5330	#20-5291
#21-5634	#22-5376	#23-5650	#24-5363	#25-5286	#26-5325	#27-5302	#28-5256	#29-5407	#30-5356
#31-5360	#32-5670	#33-5529	#34-5574	#35-5703	#36-5382	#37-5278	#38-5533	#39-5704	#40-5560
#41-5335	#42-5343	#43-5658	#44-5667	#45-5668	#46-5380	#47-5317	#48-5268	#49-5465	#50-5516
#51-5279	#52-5401	#53-5426	#54-5635	#55-5487	#56-5569	#57-5429	#58-5418	#59-5638	#60-5307
#61-5471	#62-5450	#63-5397	#64-5605	#65-5666	#66-5390	#67-5389	#68-5276	#69-5681	#70-5432
#71-5531	#72-5464	#73-5452	#74-5501	#75-5687	#76-5548	#77-5445	#78-5710	#79-5421	#80-5633

#81-5257	#82-5284	#83-5522	#84-5610	#85-5326	#86-5688	#87-5503	#88-5614	#89-5340	#90-5388
#91-5679	#92-5590	#93-5616	#94-5645	#95-5344	#96-5608	#97-5674	#98-5305	#99-5251	#100-5536

Type 6 #24 [Back to Summary]									
#01-5714	#02-5290	#03-5315	#04-5286	#05-5715	#06-5544	#07-5672	#08-5644	#09-5676	#10-5661
#11-5376	#12-5439	#13-5720	#14-5252	#15-5298	#16-5434	#17-5646	#18-5505	#19-5528	#20-5702
#21-5604	#22-5491	#23-5660	#24-5540	#25-5467	#26-5657	#27-5562	#28-5516	#29-5403	#30-5323
#31-5592	#32-5384	#33-5705	#34-5603	#35-5642	#36-5690	#37-5689	#38-5476	#39-5613	#40-5498
#41-5263	#42-5573	#43-5656	#44-5393	#45-5259	#46-5481	#47-5588	#48-5608	#49-5594	#50-5625
#51-5684	#52-5411	#53-5490	#54-5272	#55-5643	#56-5460	#57-5347	#58-5488	#59-5533	#60-5303
#61-5701	#62-5397	#63-5480	#64-5596	#65-5318	#66-5713	#67-5449	#68-5358	#69-5328	#70-5329
#71-5458	#72-5413	#73-5605	#74-5274	#75-5687	#76-5279	#77-5550	#78-5511	#79-5527	#80-5706
#81-5316	#82-5670	#83-5634	#84-5493	#85-5359	#86-5423	#87-5601	#88-5680	#89-5677	#90-5421
#91-5580	#92-5437	#93-5658	#94-5557	#95-5518	#96-5574	#97-5338	#98-5305	#99-5330	#100-5268

Type 6 #25 [Back to Summary]									
#01-5280	#02-5484	#03-5536	#04-5523	#05-5414	#06-5519	#07-5532	#08-5474	#09-5305	#10-5623
#11-5640	#12-5561	#13-5688	#14-5559	#15-5711	#16-5276	#17-5481	#18-5715	#19-5492	#20-5613
#21-5352	#22-5496	#23-5401	#24-5626	#25-5457	#26-5269	#27-5471	#28-5294	#29-5467	#30-5355
#31-5664	#32-5499	#33-5433	#34-5515	#35-5677	#36-5560	#37-5386	#38-5367	#39-5332	#40-5570
#41-5624	#42-5382	#43-5632	#44-5310	#45-5514	#46-5282	#47-5482	#48-5356	#49-5584	#50-5501
#51-5348	#52-5347	#53-5542	#54-5438	#55-5645	#56-5508	#57-5327	#58-5639	#59-5309	#60-5395
#61-5291	#62-5488	#63-5254	#64-5678	#65-5685	#66-5390	#67-5373	#68-5423	#69-5608	#70-5404
#71-5614	#72-5364	#73-5634	#74-5657	#75-5717	#76-5695	#77-5593	#78-5340	#79-5360	#80-5429
#81-5513	#82-5369	#83-5437	#84-5698	#85-5255	#86-5566	#87-5686	#88-5721	#89-5598	#90-5419
#91-5476	#92-5477	#93-5306	#94-5665	#95-5526	#96-5384	#97-5378	#98-5680	#99-5346	#100-5374

Type 6 #26 [Back to Summary]									
#01-5635	#02-5310	#03-5475	#04-5428	#05-5613	#06-5711	#07-5444	#08-5609	#09-5449	#10-5672
#11-5638	#12-5710	#13-5523	#14-5603	#15-5605	#16-5649	#17-5298	#18-5282	#19-5668	#20-5368
#21-5426	#22-5374	#23-5546	#24-5434	#25-5648	#26-5380	#27-5304	#28-5691	#29-5378	#30-5576
#31-5559	#32-5634	#33-5716	#34-5708	#35-5513	#36-5448	#37-5614	#38-5258	#39-5330	#40-5268
#41-5365	#42-5324	#43-5518	#44-5651	#45-5503	#46-5489	#47-5678	#48-5421	#49-5303	#50-5591
#51-5334	#52-5346	#53-5261	#54-5705	#55-5667	#56-5505	#57-5483	#58-5288	#59-5500	#60-5478
#61-5654	#62-5474	#63-5476	#64-5587	#65-5357	#66-5250	#67-5720	#68-5537	#69-5339	#70-5405
#71-5281	#72-5292	#73-5675	#74-5645	#75-5253	#76-5356	#77-5575	#78-5619	#79-5653	#80-5406
#81-5425	#82-5597	#83-5630	#84-5506	#85-5494	#86-5462	#87-5622	#88-5260	#89-5293	#90-5262
#91-5689	#92-5571	#93-5477	#94-5568	#95-5340	#96-5608	#97-5563	#98-5652	#99-5538	#100-5502

Type 6 #27 [Back to Summary]									
#01-5497	#02-5389	#03-5336	#04-5623	#05-5566	#06-5292	#07-5396	#08-5335	#09-5705	#10-5564
#11-5654	#12-5588	#13-5360	#14-5346	#15-5303	#16-5301	#17-5568	#18-5697	#19-5348	#20-5617
#21-5351	#22-5711	#23-5499	#24-5328	#25-5445	#26-5430	#27-5536	#28-5353	#29-5562	#30-5366
#31-5511	#32-5652	#33-5329	#34-5402	#35-5635	#36-5285	#37-5519	#38-5262	#39-5668	#40-5457
#41-5320	#42-5542	#43-5277	#44-5454	#45-5332	#46-5357	#47-5473	#48-5390	#49-5526	#50-5283
#51-5297	#52-5602	#53-5560	#54-5653	#55-5415	#56-5515	#57-5619	#58-5256	#59-5435	#60-5394

#61-5485	#62-5295	#63-5503	#64-5597	#65-5307	#66-5251	#67-5513	#68-5689	#69-5443	#70-5266
#71-5517	#72-5559	#73-5280	#74-5624	#75-5551	#76-5538	#77-5684	#78-5302	#79-5724	#80-5349
#81-5686	#82-5410	#83-5558	#84-5532	#85-5318	#86-5641	#87-5354	#88-5413	#89-5715	#90-5380
#91-5406	#92-5514	#93-5570	#94-5534	#95-5699	#96-5275	#97-5294	#98-5422	#99-5404	#100-5334

Type 6 #28 [Back to Summary]									
#01-5568	#02-5506	#03-5672	#04-5503	#05-5498	#06-5466	#07-5567	#08-5664	#09-5353	#10-5601
#11-5553	#12-5566	#13-5258	#14-5335	#15-5426	#16-5327	#17-5463	#18-5696	#19-5525	#20-5391
#21-5632	#22-5351	#23-5698	#24-5312	#25-5594	#26-5724	#27-5719	#28-5473	#29-5642	#30-5517
#31-5485	#32-5516	#33-5626	#34-5644	#35-5492	#36-5421	#37-5449	#38-5296	#39-5275	#40-5572
#41-5317	#42-5401	#43-5298	#44-5363	#45-5542	#46-5555	#47-5499	#48-5467	#49-5347	#50-5620
#51-5535	#52-5320	#53-5612	#54-5252	#55-5418	#56-5460	#57-5536	#58-5609	#59-5639	#60-5496
#61-5469	#62-5339	#63-5270	#64-5562	#65-5361	#66-5284	#67-5668	#68-5337	#69-5565	#70-5251
#71-5600	#72-5413	#73-5673	#74-5682	#75-5322	#76-5474	#77-5302	#78-5586	#79-5494	#80-5288
#81-5470	#82-5497	#83-5377	#84-5274	#85-5709	#86-5414	#87-5636	#88-5627	#89-5468	#90-5282
#91-5619	#92-5577	#93-5386	#94-5502	#95-5350	#96-5704	#97-5384	#98-5457	#99-5253	#100-5511

Type 6 #29 [Back to Summary]									
#01-5614	#02-5412	#03-5633	#04-5347	#05-5271	#06-5369	#07-5380	#08-5657	#09-5655	#10-5671
#11-5414	#12-5676	#13-5359	#14-5595	#15-5278	#16-5701	#17-5689	#18-5721	#19-5572	#20-5667
#21-5377	#22-5290	#23-5585	#24-5526	#25-5357	#26-5274	#27-5280	#28-5421	#29-5576	#30-5343
#31-5341	#32-5559	#33-5579	#34-5715	#35-5401	#36-5310	#37-5588	#38-5279	#39-5252	#40-5587
#41-5291	#42-5700	#43-5693	#44-5523	#45-5593	#46-5663	#47-5463	#48-5510	#49-5471	#50-5375
#51-5264	#52-5392	#53-5611	#54-5309	#55-5384	#56-5568	#57-5543	#58-5354	#59-5713	#60-5722
#61-5339	#62-5683	#63-5327	#64-5554	#65-5573	#66-5567	#67-5345	#68-5373	#69-5451	#70-5691
#71-5364	#72-5653	#73-5717	#74-5708	#75-5627	#76-5406	#77-5320	#78-5313	#79-5651	#80-5424
#81-5529	#82-5488	#83-5664	#84-5457	#85-5329	#86-5674	#87-5668	#88-5518	#89-5580	#90-5540
#91-5482	#92-5483	#93-5289	#94-5255	#95-5496	#96-5325	#97-5620	#98-5389	#99-5669	#100-5269

Type 6 #30 [Back to Summary]									
#01-5573	#02-5343	#03-5314	#04-5504	#05-5262	#06-5330	#07-5396	#08-5628	#09-5401	#10-5703
#11-5503	#12-5486	#13-5419	#14-5548	#15-5438	#16-5576	#17-5266	#18-5597	#19-5480	#20-5626
#21-5627	#22-5542	#23-5509	#24-5625	#25-5455	#26-5600	#27-5621	#28-5714	#29-5458	#30-5555
#31-5498	#32-5664	#33-5360	#34-5641	#35-5566	#36-5436	#37-5420	#38-5411	#39-5441	#40-5250
#41-5533	#42-5296	#43-5373	#44-5609	#45-5295	#46-5251	#47-5319	#48-5468	#49-5544	#50-5656
#51-5309	#52-5281	#53-5634	#54-5301	#55-5371	#56-5282	#57-5563	#58-5415	#59-5299	#60-5389
#61-5435	#62-5406	#63-5417	#64-5572	#65-5456	#66-5570	#67-5372	#68-5510	#69-5705	#70-5720
#71-5398	#72-5581	#73-5399	#74-5483	#75-5339	#76-5584	#77-5418	#78-5632	#79-5585	#80-5460
#81-5531	#82-5400	#83-5424	#84-5537	#85-5499	#86-5473	#87-5283	#88-5313	#89-5523	#90-5543
#91-5614	#92-5259	#93-5366	#94-5306	#95-5549	#96-5378	#97-5617	#98-5539	#99-5407	#100-5461

Type 5 #1 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	1094938	74	1966	0	102948	1200000
2	1	14	214625	91	0	0	985284	1200000
3	3	14	41667	73	1886	1528	1154700	1200000
4	3	14	956470	58	1853	1140	240363	1200000
5	1	14	1068936	82	0	0	130982	1200000
6	3	14	604241	90	1114	1555	592820	1200000
7	2	14	440692	93	1471	0	757651	1200000
8	3	14	91177	81	1448	1233	1105899	1200000
9	2	14	834155	84	1525	0	364152	1200000
10	1	14	229107	88	0	0	970805	1200000

Type 5 #2 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	18	350928	85	1148	1481	737097	1090909
2	3	18	539352	65	1903	1028	548431	1090909
3	3	18	537851	50	1546	1405	549957	1090909
4	3	18	75524	78	1955	1613	1011583	1090909
5	3	18	140262	68	1705	1110	947628	1090909
6	2	18	66352	84	1971	0	1022418	1090909
7	3	18	732088	65	1753	1780	355093	1090909
8	2	18	627321	81	1274	0	462152	1090909
9	1	18	1077129	92	0	0	13688	1090909
10	2	18	965737	87	1070	0	123928	1090909
11	1	18	823890	55	0	0	266964	1090909

Type 5 #3 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	11	415786	76	1139	0	249589	666666
2	1	11	646760	57	0	0	19849	666666
3	3	11	100618	79	1991	1312	562508	666666
4	1	11	85266	94	0	0	581306	666666
5	2	11	428235	95	1609	0	236632	666666
6	3	11	91150	91	1221	1999	572023	666666
7	3	11	33048	59	1849	1877	629715	666666
8	3	11	13258	95	1021	1881	650221	666666
9	1	11	149819	90	0	0	516757	666666
10	3	11	200140	83	1603	1072	463602	666666
11	1	11	513131	58	0	0	153477	666666

12	1	11	543053	75	0	0	123538	666666
13	3	11	264691	57	1280	1831	398693	666666
14	1	11	67870	72	0	0	598724	666666
15	1	11	164754	99	0	0	501813	666666
16	1	11	329929	94	0	0	336643	666666
17	2	11	263516	81	1009	0	401979	666666
18	2	11	456521	69	1605	0	208402	666666

Type 5 #4 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	8	603416	60	1740	1271	60059	666666
2	1	8	335030	68	0	0	331568	666666
3	3	8	415625	89	1857	1818	247099	666666
4	1	8	320383	88	0	0	346195	666666
5	3	8	255443	65	1761	1919	407348	666666
6	1	8	451251	73	0	0	215342	666666
7	1	8	157072	94	0	0	509500	666666
8	1	8	157213	51	0	0	509402	666666
9	3	8	593643	71	1539	1645	69626	666666
10	2	8	510519	80	1748	0	154239	666666
11	3	8	269144	61	1061	1291	394987	666666
12	3	8	416288	72	1821	1826	246515	666666
13	2	8	579170	65	1803	0	85563	666666
14	2	8	325848	81	1569	0	339087	666666
15	1	8	628935	52	0	0	37679	666666
16	1	8	202986	61	0	0	463619	666666
17	3	8	294489	82	1981	1689	368261	666666
18	1	8	555333	79	0	0	111254	666666

Type 5 #5 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	9586	67	1291	1685	1078146	1090909
2	1	17	284912	87	0	0	805910	1090909
3	1	17	403532	50	0	0	687327	1090909
4	1	17	564944	73	0	0	525892	1090909
5	3	17	391556	89	1646	1939	695501	1090909
6	3	17	324359	64	1725	1791	762842	1090909
7	1	17	1009008	81	0	0	81820	1090909
8	1	17	198974	91	0	0	891844	1090909
9	2	17	879494	92	1510	0	209721	1090909
10	1	17	22695	62	0	0	1068152	1090909
11	2	17	871132	79	1095	0	218524	1090909

Type 5 #6 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	19	583876	73	1284	1335	413286	1000000
2	1	19	641067	80	0	0	358853	1000000
3	2	19	958834	71	1542	0	39482	1000000
4	1	19	132209	63	0	0	867728	1000000
5	3	19	204525	56	1755	1264	792288	1000000
6	3	19	763941	65	1374	1193	233297	1000000
7	1	19	476004	73	0	0	523923	1000000
8	1	19	524150	77	0	0	475773	1000000
9	1	19	993893	99	0	0	6008	1000000
10	2	19	603405	58	1160	0	395319	1000000
11	3	19	407072	63	1227	1763	589749	1000000
12	3	19	815860	98	1196	1061	181589	1000000

Type 5 #7 5496 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	60060	77	1926	1862	567499	631578
2	3	9	556481	96	1979	1477	71353	631578
3	1	9	437540	52	0	0	193986	631578
4	2	9	136972	97	1053	0	493359	631578
5	1	9	570587	59	0	0	60932	631578
6	2	9	157352	52	1707	0	472415	631578
7	1	9	557847	52	0	0	73679	631578
8	1	9	619301	50	0	0	12227	631578
9	2	9	271221	56	1890	0	358355	631578
10	1	9	1793	59	0	0	629726	631578
11	1	9	113595	73	0	0	517910	631578
12	2	9	563111	95	1873	0	66404	631578
13	2	9	32571	70	1961	0	596906	631578
14	1	9	144809	99	0	0	486670	631578
15	3	9	8353	69	1177	1841	620000	631578
16	2	9	180679	63	1922	0	448851	631578
17	2	9	304745	93	1333	0	325314	631578
18	3	9	91073	62	1333	1069	537917	631578
19	2	9	174230	91	1311	0	455855	631578

Type 5 #8 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	496603	73	0	0	103324	600000
2	1	16	374759	55	0	0	225186	600000
3	1	16	468418	99	0	0	131483	600000
4	1	16	223099	75	0	0	376826	600000
5	2	16	395374	54	1920	0	202598	600000
6	2	16	316873	79	1746	0	281223	600000
7	3	16	232298	87	1539	1729	364173	600000
8	2	16	393166	97	1753	0	204887	600000
9	2	16	268193	86	1135	0	330500	600000
10	2	16	30964	58	1873	0	567047	600000
11	1	16	539184	60	0	0	60756	600000
12	3	16	534947	91	1308	1041	62431	600000
13	1	16	243183	73	0	0	356744	600000
14	3	16	266098	54	1477	1134	331129	600000
15	1	16	430309	88	0	0	169603	600000
16	3	16	527075	69	1785	1897	69036	600000
17	2	16	340187	94	1324	0	258301	600000
18	2	16	350291	95	1833	0	247686	600000
19	1	16	583482	95	0	0	16423	600000
20	2	16	539815	59	1996	0	58071	600000

Type 5 #9 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	16	483838	50	1931	0	314131	800000
2	1	16	615655	70	0	0	184275	800000
3	2	16	669724	66	1139	0	129005	800000
4	1	16	224142	59	0	0	575799	800000
5	3	16	197898	71	1436	1651	598802	800000
6	3	16	630525	69	1052	1997	166219	800000
7	2	16	145229	69	1731	0	652902	800000
8	2	16	450692	99	1920	0	347190	800000
9	2	16	123206	53	1334	0	675354	800000
10	1	16	467671	88	0	0	332241	800000
11	1	16	571337	72	0	0	228591	800000
12	1	16	614682	64	0	0	185254	800000
13	3	16	780412	56	1218	1968	16234	800000
14	3	16	523172	55	1941	1409	273313	800000
15	3	16	641926	61	1725	1029	155137	800000

Type 5 #10 5562 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	241252	71	0	0	464559	705882
2	2	15	315716	83	1556	0	388444	705882
3	3	15	140098	64	1796	1031	562765	705882
4	1	15	150837	68	0	0	554977	705882
5	2	15	663064	63	1238	0	41454	705882
6	3	15	293901	86	1489	1370	408864	705882
7	1	15	415398	80	0	0	290404	705882
8	3	15	197377	50	1297	1637	505421	705882
9	3	15	655254	51	1208	1024	48243	705882
10	3	15	263574	81	1605	1287	439173	705882
11	3	15	522280	54	1364	1920	180156	705882
12	2	15	385982	95	1171	0	318539	705882
13	1	15	288078	87	0	0	417717	705882
14	2	15	507522	90	1196	0	196984	705882
15	3	15	542741	97	1793	1243	159814	705882
16	3	15	443150	90	1727	1862	258873	705882
17	2	15	157573	82	1708	0	546437	705882

Type 5 #11 5566 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	6	416588	74	1178	1279	380733	800000
2	2	6	194046	92	1409	0	604361	800000
3	2	6	710990	98	1298	0	87516	800000
4	3	6	335572	88	1822	1169	461173	800000
5	3	6	176107	79	1101	1982	620573	800000
6	3	6	658014	91	1232	1699	138782	800000
7	1	6	394320	89	0	0	405591	800000
8	3	6	104528	63	1173	1022	693088	800000
9	1	6	544	57	0	0	799399	800000
10	1	6	641085	50	0	0	158865	800000
11	1	6	197702	71	0	0	602227	800000
12	2	6	330334	80	1178	0	468328	800000
13	1	6	213383	97	0	0	586520	800000
14	2	6	284107	60	1123	0	514650	800000
15	1	6	439428	68	0	0	360504	800000

Type 5 #12 5560 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	899532	55	0	0	100413	1000000
2	1	20	864409	72	0	0	135519	1000000
3	1	20	249569	94	0	0	750337	1000000
4	1	20	841419	72	0	0	158509	1000000
5	1	20	670248	88	0	0	329664	1000000
6	3	20	186127	82	1828	1748	810051	1000000
7	3	20	771984	83	1430	1510	224827	1000000
8	1	20	305217	61	0	0	694722	1000000
9	1	20	834552	52	0	0	165396	1000000
10	1	20	294167	67	0	0	705766	1000000
11	1	20	590142	90	0	0	409768	1000000
12	3	20	691535	57	1206	1307	305781	1000000

Type 5 #13 5566 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	417781	93	1433	0	180600	600000
2	2	6	333440	50	1081	0	265379	600000
3	2	6	374617	52	1429	0	223850	600000
4	2	6	105828	77	1534	0	492484	600000
5	1	6	164741	59	0	0	435200	600000
6	1	6	331093	94	0	0	268813	600000
7	1	6	507063	74	0	0	92863	600000
8	1	6	116425	62	0	0	483513	600000
9	3	6	573616	79	1598	1717	22832	600000
10	1	6	100602	56	0	0	499342	600000
11	3	6	446108	95	1067	1378	151162	600000
12	3	6	95473	88	1938	1487	500838	600000
13	1	6	274769	91	0	0	325140	600000
14	3	6	110387	96	1531	1782	486012	600000
15	3	6	526762	71	1712	1959	69354	600000
16	2	6	445430	59	1972	0	152480	600000
17	1	6	290717	100	0	0	309183	600000
18	3	6	183737	71	1279	1070	413701	600000
19	3	6	81731	65	1745	1370	514959	600000
20	1	6	362009	55	0	0	237936	600000

Type 5 #14 5562 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	272409	91	0	0	477500	750000
2	3	15	616142	76	1060	1417	131153	750000
3	2	15	188153	99	1984	0	559665	750000
4	3	15	723003	79	1878	1181	23701	750000
5	2	15	53914	58	1744	0	694226	750000
6	3	15	697049	61	1994	1902	48872	750000
7	3	15	737896	59	1345	1471	9111	750000
8	2	15	221028	58	1244	0	527612	750000
9	3	15	262936	76	1349	1131	484356	750000
10	1	15	636731	83	0	0	113186	750000
11	2	15	111009	85	1497	0	637324	750000
12	1	15	626617	84	0	0	123299	750000
13	2	15	95057	58	1519	0	653308	750000
14	3	15	240481	56	1781	1532	506038	750000
15	1	15	220994	94	0	0	528912	750000
16	1	15	706926	61	0	0	43013	750000

Type 5 #15 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	26116	75	1848	0	829028	857142
2	3	6	103723	94	1325	1411	750401	857142
3	2	6	589138	92	1223	0	266597	857142
4	2	6	713707	75	1054	0	142231	857142
5	2	6	789318	53	1203	0	66515	857142
6	2	6	402356	87	1989	0	452623	857142
7	3	6	244076	51	1601	1789	609523	857142
8	3	6	403128	75	1901	1444	450444	857142
9	3	6	512459	58	1773	1397	341339	857142
10	1	6	167775	65	0	0	689302	857142
11	3	6	326089	62	1711	1433	527723	857142
12	1	6	288862	56	0	0	568224	857142
13	2	6	196493	72	1197	0	659308	857142
14	2	6	4262	52	1402	0	851374	857142

Type 5 #16 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	652242	76	1065	1139	345326	1000000
2	1	5	347816	87	0	0	652097	1000000
3	1	5	577889	94	0	0	422017	1000000
4	2	5	18323	89	1304	0	980195	1000000
5	1	5	168107	99	0	0	831794	1000000
6	1	5	693995	78	0	0	305927	1000000
7	2	5	554054	52	1945	0	443897	1000000
8	1	5	587089	81	0	0	412830	1000000
9	1	5	801559	50	0	0	198391	1000000
10	2	5	355217	73	1369	0	643268	1000000
11	1	5	613575	88	0	0	386337	1000000
12	2	5	25055	88	1790	0	972979	1000000

Type 5 #17 5566 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	418332	79	1687	1090	378654	800000
2	3	5	242892	51	1864	1806	553285	800000
3	3	5	228473	61	1888	1506	567950	800000
4	3	5	525094	68	1003	1658	272041	800000
5	1	5	66140	66	0	0	733794	800000
6	2	5	332114	71	1230	0	466514	800000
7	2	5	222703	92	1833	0	575280	800000
8	2	5	137182	92	1426	0	661208	800000
9	3	5	109387	84	1441	1951	686969	800000
10	2	5	170258	65	1069	0	628543	800000
11	1	5	23748	65	0	0	776187	800000
12	3	5	359474	96	1107	1673	437458	800000
13	2	5	301639	82	1890	0	496307	800000
14	1	5	513927	86	0	0	285987	800000
15	3	5	780076	98	1269	1486	16875	800000

Type 5 #18 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	600332	89	0	0	899579	1500000
2	2	6	1094167	54	1753	0	403972	1500000
3	3	6	61998	88	1267	1721	1434750	1500000
4	2	6	1236244	78	1542	0	262058	1500000

5	2	6	1179674	71	1406	0	318778	1500000
6	3	6	913852	87	1052	1133	583702	1500000
7	3	6	1029164	73	1336	1415	467866	1500000
8	3	6	1364505	92	1972	1972	131275	1500000

Type 5 #19 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	19	577236	91	0	0	89339	666666
2	1	19	249138	77	0	0	417451	666666
3	3	19	168330	81	1722	1356	495015	666666
4	1	19	541416	55	0	0	125195	666666
5	2	19	388993	91	1182	0	276309	666666
6	3	19	166044	55	1854	1244	497359	666666
7	1	19	625357	90	0	0	41219	666666
8	1	19	437338	97	0	0	229231	666666
9	3	19	499229	63	1802	1682	163764	666666
10	2	19	54070	55	1616	0	610870	666666
11	3	19	647958	52	1165	1191	16196	666666
12	3	19	221938	67	1221	1252	442054	666666
13	1	19	574317	60	0	0	92289	666666
14	3	19	295680	84	1419	1585	367730	666666
15	2	19	89939	58	1542	0	575069	666666
16	3	19	387552	55	1212	1586	276151	666666
17	1	19	607304	90	0	0	59272	666666
18	2	19	391055	84	1964	0	273479	666666

Type 5 #20 5563 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	168545	95	1542	0	686865	857142
2	3	12	555337	88	1281	1582	298678	857142
3	3	12	570025	92	1057	1226	284558	857142
4	1	12	364330	88	0	0	492724	857142
5	3	12	190467	98	1235	1999	663147	857142
6	3	12	62057	97	1057	1051	792686	857142
7	3	12	254669	66	1223	1671	599381	857142
8	3	12	807918	70	1509	1625	45880	857142
9	3	12	629926	56	1304	1361	224383	857142
10	3	12	805082	59	1384	1042	49457	857142
11	1	12	397713	72	0	0	459357	857142
12	1	12	817527	68	0	0	39547	857142
13	1	12	622111	86	0	0	234945	857142
14	1	12	824945	67	0	0	32130	857142

Type 5 #21 5564 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	566587	66	0	0	933347	1500000
2	2	9	1033234	66	1199	0	465435	1500000
3	2	9	1036623	95	1282	0	461905	1500000
4	2	9	150407	72	1390	0	1348059	1500000
5	3	9	535125	95	1150	1954	961486	1500000
6	1	9	497611	60	0	0	1002329	1500000
7	2	9	23779	56	1156	0	1474953	1500000
8	1	9	961768	70	0	0	538162	1500000

Type 5 #22 5497 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	629361	86	1974	1836	866571	1500000
2	1	13	136638	88	0	0	1363274	1500000
3	2	13	30112	99	1378	0	1468312	1500000
4	1	13	133242	55	0	0	1366703	1500000
5	1	13	580492	75	0	0	919433	1500000
6	2	13	1124146	68	1148	0	374570	1500000
7	1	13	414407	95	0	0	1085498	1500000
8	1	13	954922	70	0	0	545008	1500000

Type 5 #23 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	205071	91	1625	1350	791681	1000000
2	2	10	535345	85	1090	0	463395	1000000
3	1	10	335061	52	0	0	664887	1000000
4	2	10	580985	73	1255	0	417614	1000000
5	2	10	857763	64	1891	0	140218	1000000
6	3	10	818969	80	1384	1041	178366	1000000
7	1	10	762979	85	0	0	236936	1000000
8	2	10	683478	86	1017	0	315333	1000000
9	1	10	756443	76	0	0	243481	1000000
10	3	10	574298	55	1362	1629	422546	1000000
11	3	10	672215	61	1380	1753	324469	1000000
12	3	10	236022	76	1492	1062	761196	1000000

Type 5 #24 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	138395	88	1902	0	859527	1000000
2	3	19	373301	73	1037	1486	623957	1000000
3	3	19	834363	80	1971	1083	162343	1000000
4	2	19	88885	90	1938	0	908997	1000000
5	3	19	890856	60	1526	1054	106384	1000000
6	3	19	449021	73	1129	1383	548248	1000000
7	1	19	453404	77	0	0	546519	1000000
8	1	19	779084	77	0	0	220839	1000000
9	1	19	738261	89	0	0	261650	1000000
10	2	19	514317	82	1153	0	484366	1000000
11	1	19	596619	78	0	0	403303	1000000
12	1	19	927269	54	0	0	72677	1000000

Type 5 #25 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	1186336	99	1156	1690	310521	1500000
2	2	5	808926	75	1266	0	689658	1500000
3	3	5	661043	95	1076	1788	835808	1500000
4	3	5	603552	83	1943	1091	893165	1500000
5	3	5	15157	51	1463	1986	1481241	1500000
6	3	5	218582	87	1593	1157	1278407	1500000
7	3	5	196448	65	1946	1619	1299792	1500000
8	2	5	536524	64	1745	0	961603	1500000

Type 5 #26 5499 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	566177	54	1915	0	431800	1000000
2	1	18	807157	84	0	0	192759	1000000
3	3	18	743127	74	1505	1897	253249	1000000
4	1	18	299732	97	0	0	700171	1000000
5	2	18	546163	56	1257	0	452468	1000000
6	2	18	265746	83	1797	0	732291	1000000
7	2	18	919803	69	1525	0	78534	1000000
8	1	18	980822	53	0	0	19125	1000000
9	1	18	547577	100	0	0	452323	1000000
10	2	18	849156	64	1061	0	149655	1000000
11	1	18	681849	81	0	0	318070	1000000
12	1	18	701758	59	0	0	298183	1000000

Type 5 #27 5497 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	295529	91	0	0	335958	631578
2	3	13	161621	53	1977	1879	465942	631578
3	3	13	417222	91	1303	1219	211561	631578
4	2	13	433402	74	1741	0	196287	631578
5	1	13	172169	59	0	0	459350	631578
6	2	13	502046	80	1219	0	128153	631578
7	2	13	169998	67	1292	0	460154	631578
8	3	13	549837	58	1808	1103	78656	631578
9	1	13	461985	97	0	0	169496	631578
10	1	13	80464	94	0	0	551020	631578
11	2	13	62810	87	1885	0	566709	631578
12	3	13	389400	98	1622	1741	238521	631578
13	2	13	485319	88	1079	0	145004	631578
14	2	13	525716	76	1814	0	103896	631578
15	2	13	591168	87	1381	0	38855	631578
16	2	13	615101	55	1359	0	15008	631578
17	2	13	34501	100	1092	0	595785	631578
18	2	13	196512	72	1193	0	433729	631578
19	1	13	306666	71	0	0	324841	631578

Type 5 #28 5530 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	6	17135	53	1666	1294	1479746	1500000
2	2	6	1273001	94	1162	0	225649	1500000
3	1	6	242892	89	0	0	1257019	1500000
4	2	6	244866	83	1887	0	1253081	1500000
5	1	6	958807	66	0	0	541127	1500000
6	3	6	1230388	53	1115	1897	266441	1500000
7	1	6	1264803	52	0	0	235145	1500000
8	1	6	1197571	69	0	0	302360	1500000

Type 5 #29 5562 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	168124	66	1750	0	461572	631578
2	1	15	278609	95	0	0	352874	631578
3	3	15	383033	51	1581	1029	245782	631578
4	1	15	505465	67	0	0	126046	631578

5	3	15	545643	97	1021	1773	82850	631578
6	3	15	529092	89	1062	1585	99572	631578
7	1	15	458443	93	0	0	173042	631578
8	2	15	514177	51	1369	0	115930	631578
9	2	15	183023	95	1761	0	446604	631578
10	1	15	312052	52	0	0	319474	631578
11	2	15	564550	85	1239	0	65619	631578
12	3	15	293101	68	1549	1575	335149	631578
13	2	15	53514	92	1373	0	576507	631578
14	3	15	35096	86	1597	1171	593456	631578
15	3	15	164032	51	1985	1555	463853	631578
16	1	15	471902	95	0	0	159581	631578
17	2	15	379528	79	1097	0	250795	631578
18	2	15	15520	99	1724	0	614136	631578
19	2	15	363321	90	1569	0	266508	631578

Type 5 #30 5562 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	15	827846	83	1108	0	370880	1200000
2	3	15	627717	86	1819	1262	568944	1200000
3	2	15	980402	67	1759	0	217705	1200000
4	1	15	553107	80	0	0	646813	1200000
5	2	15	1115898	99	1540	0	82364	1200000
6	2	15	131541	58	1286	0	1067057	1200000
7	2	15	751191	95	1391	0	447228	1200000
8	1	15	922374	62	0	0	277564	1200000
9	3	15	118781	93	1543	1313	1078084	1200000
10	3	15	540393	55	1734	1586	656122	1200000

Type 6 #1 [Back to Summary]									
#01-5501	#02-5605	#03-5276	#04-5420	#05-5306	#06-5474	#07-5397	#08-5366	#09-5621	#10-5457
#11-5326	#12-5322	#13-5543	#14-5550	#15-5293	#16-5491	#17-5314	#18-5636	#19-5523	#20-5358
#21-5647	#22-5412	#23-5542	#24-5287	#25-5570	#26-5396	#27-5508	#28-5265	#29-5416	#30-5453
#31-5587	#32-5490	#33-5567	#34-5649	#35-5427	#36-5559	#37-5624	#38-5376	#39-5702	#40-5620
#41-5476	#42-5500	#43-5283	#44-5447	#45-5433	#46-5328	#47-5551	#48-5475	#49-5637	#50-5537
#51-5538	#52-5626	#53-5530	#54-5355	#55-5251	#56-5341	#57-5315	#58-5715	#59-5585	#60-5643
#61-5695	#62-5380	#63-5681	#64-5418	#65-5601	#66-5565	#67-5484	#68-5625	#69-5371	#70-5462
#71-5597	#72-5667	#73-5662	#74-5632	#75-5607	#76-5392	#77-5373	#78-5339	#79-5581	#80-5487
#81-5575	#82-5279	#83-5357	#84-5606	#85-5648	#86-5691	#87-5687	#88-5450	#89-5646	#90-5331
#91-5486	#92-5633	#93-5518	#94-5309	#95-5656	#96-5342	#97-5541	#98-5589	#99-5572	#100-5593

Type 6 #2 [Back to Summary]									
#01-5566	#02-5649	#03-5350	#04-5416	#05-5665	#06-5598	#07-5688	#08-5624	#09-5474	#10-5578
#11-5690	#12-5698	#13-5380	#14-5337	#15-5310	#16-5659	#17-5269	#18-5323	#19-5501	#20-5633
#21-5600	#22-5279	#23-5704	#24-5289	#25-5699	#26-5685	#27-5389	#28-5587	#29-5703	#30-5507
#31-5569	#32-5506	#33-5488	#34-5712	#35-5642	#36-5643	#37-5651	#38-5664	#39-5657	#40-5291
#41-5724	#42-5307	#43-5701	#44-5312	#45-5368	#46-5510	#47-5489	#48-5428	#49-5252	#50-5713
#51-5325	#52-5464	#53-5338	#54-5655	#55-5715	#56-5530	#57-5663	#58-5311	#59-5437	#60-5695
#61-5453	#62-5345	#63-5634	#64-5681	#65-5255	#66-5423	#67-5448	#68-5395	#69-5413	#70-5385
#71-5256	#72-5327	#73-5386	#74-5460	#75-5623	#76-5539	#77-5299	#78-5629	#79-5632	#80-5431
#81-5439	#82-5674	#83-5579	#84-5714	#85-5434	#86-5354	#87-5420	#88-5547	#89-5720	#90-5359
#91-5696	#92-5582	#93-5472	#94-5676	#95-5545	#96-5613	#97-5381	#98-5264	#99-5304	#100-5653

Type 6 #3 [Back to Summary]									
#01-5312	#02-5351	#03-5265	#04-5590	#05-5708	#06-5723	#07-5335	#08-5600	#09-5277	#10-5422
#11-5487	#12-5280	#13-5393	#14-5259	#15-5513	#16-5505	#17-5480	#18-5658	#19-5503	#20-5626
#21-5254	#22-5624	#23-5403	#24-5309	#25-5412	#26-5388	#27-5576	#28-5429	#29-5632	#30-5257
#31-5413	#32-5290	#33-5586	#34-5703	#35-5372	#36-5343	#37-5667	#38-5250	#39-5258	#40-5445
#41-5274	#42-5551	#43-5532	#44-5553	#45-5602	#46-5676	#47-5457	#48-5470	#49-5428	#50-5307
#51-5404	#52-5459	#53-5492	#54-5409	#55-5664	#56-5418	#57-5677	#58-5685	#59-5436	#60-5573
#61-5398	#62-5636	#63-5696	#64-5273	#65-5264	#66-5454	#67-5424	#68-5416	#69-5616	#70-5427
#71-5565	#72-5485	#73-5652	#74-5318	#75-5608	#76-5438	#77-5348	#78-5579	#79-5440	#80-5468
#81-5660	#82-5359	#83-5251	#84-5580	#85-5585	#86-5684	#87-5529	#88-5433	#89-5297	#90-5683
#91-5389	#92-5709	#93-5547	#94-5408	#95-5295	#96-5362	#97-5582	#98-5515	#99-5542	#100-5397

Type 6 #4 [Back to Summary]									
#01-5505	#02-5290	#03-5577	#04-5252	#05-5466	#06-5646	#07-5526	#08-5423	#09-5527	#10-5480
#11-5318	#12-5348	#13-5501	#14-5695	#15-5639	#16-5289	#17-5633	#18-5369	#19-5413	#20-5304
#21-5650	#22-5715	#23-5372	#24-5660	#25-5280	#26-5580	#27-5659	#28-5491	#29-5272	#30-5494
#31-5576	#32-5562	#33-5287	#34-5283	#35-5681	#36-5616	#37-5507	#38-5723	#39-5361	#40-5661
#41-5405	#42-5352	#43-5625	#44-5535	#45-5611	#46-5296	#47-5454	#48-5573	#49-5492	#50-5250
#51-5450	#52-5458	#53-5345	#54-5484	#55-5474	#56-5517	#57-5645	#58-5642	#59-5697	#60-5608
#61-5712	#62-5285	#63-5399	#64-5281	#65-5627	#66-5476	#67-5313	#68-5464	#69-5265	#70-5270
#71-5511	#72-5634	#73-5258	#74-5475	#75-5621	#76-5548	#77-5341	#78-5559	#79-5301	#80-5711
#81-5377	#82-5337	#83-5720	#84-5274	#85-5299	#86-5374	#87-5467	#88-5530	#89-5536	#90-5417

#91-5698	#92-5590	#93-5278	#94-5472	#95-5674	#96-5376	#97-5676	#98-5595	#99-5629	#100-5388

Type 6 #5 [Back to Summary]									
#01-5708	#02-5713	#03-5558	#04-5473	#05-5465	#06-5542	#07-5449	#08-5591	#09-5586	#10-5653
#11-5422	#12-5332	#13-5597	#14-5707	#15-5486	#16-5628	#17-5287	#18-5376	#19-5715	#20-5509
#21-5260	#22-5506	#23-5660	#24-5572	#25-5297	#26-5642	#27-5606	#28-5504	#29-5525	#30-5497
#31-5594	#32-5460	#33-5652	#34-5633	#35-5254	#36-5380	#37-5492	#38-5490	#39-5527	#40-5464
#41-5638	#42-5600	#43-5665	#44-5599	#45-5712	#46-5610	#47-5717	#48-5292	#49-5706	#50-5293
#51-5329	#52-5539	#53-5601	#54-5363	#55-5368	#56-5439	#57-5302	#58-5704	#59-5418	#60-5543
#61-5658	#62-5667	#63-5311	#64-5333	#65-5307	#66-5681	#67-5400	#68-5684	#69-5699	#70-5350
#71-5377	#72-5511	#73-5566	#74-5482	#75-5588	#76-5381	#77-5561	#78-5306	#79-5578	#80-5404
#81-5647	#82-5554	#83-5514	#84-5474	#85-5411	#86-5295	#87-5580	#88-5526	#89-5501	#90-5521
#91-5327	#92-5502	#93-5317	#94-5702	#95-5531	#96-5692	#97-5532	#98-5571	#99-5536	#100-5275

Type 6 #6 [Back to Summary]									
#01-5457	#02-5279	#03-5314	#04-5608	#05-5638	#06-5540	#07-5697	#08-5363	#09-5496	#10-5713
#11-5602	#12-5718	#13-5373	#14-5266	#15-5619	#16-5346	#17-5396	#18-5551	#19-5640	#20-5257
#21-5348	#22-5594	#23-5425	#24-5424	#25-5272	#26-5590	#27-5448	#28-5589	#29-5679	#30-5625
#31-5567	#32-5716	#33-5487	#34-5554	#35-5675	#36-5621	#37-5495	#38-5641	#39-5568	#40-5600
#41-5326	#42-5469	#43-5288	#44-5518	#45-5651	#46-5337	#47-5388	#48-5302	#49-5335	#50-5439
#51-5546	#52-5710	#53-5662	#54-5530	#55-5656	#56-5579	#57-5574	#58-5612	#59-5578	#60-5294
#61-5342	#62-5355	#63-5406	#64-5591	#65-5391	#66-5610	#67-5473	#68-5532	#69-5312	#70-5723
#71-5563	#72-5474	#73-5702	#74-5284	#75-5655	#76-5593	#77-5548	#78-5626	#79-5489	#80-5658
#81-5444	#82-5389	#83-5498	#84-5480	#85-5321	#86-5576	#87-5300	#88-5680	#89-5623	#90-5339
#91-5290	#92-5605	#93-5304	#94-5517	#95-5503	#96-5696	#97-5315	#98-5412	#99-5378	#100-5285

Type 6 #7 [Back to Summary]									
#01-5585	#02-5573	#03-5712	#04-5337	#05-5594	#06-5320	#07-5257	#08-5627	#09-5605	#10-5308
#11-5276	#12-5678	#13-5368	#14-5653	#15-5563	#16-5673	#17-5569	#18-5642	#19-5516	#20-5529
#21-5553	#22-5519	#23-5639	#24-5698	#25-5680	#26-5686	#27-5421	#28-5422	#29-5493	#30-5682
#31-5525	#32-5388	#33-5487	#34-5455	#35-5319	#36-5601	#37-5402	#38-5413	#39-5617	#40-5253
#41-5571	#42-5397	#43-5323	#44-5560	#45-5313	#46-5339	#47-5489	#48-5374	#49-5688	#50-5557
#51-5372	#52-5395	#53-5620	#54-5567	#55-5450	#56-5307	#57-5658	#58-5265	#59-5381	#60-5631
#61-5619	#62-5549	#63-5375	#64-5647	#65-5496	#66-5607	#67-5432	#68-5629	#69-5578	#70-5690
#71-5508	#72-5403	#73-5273	#74-5510	#75-5684	#76-5405	#77-5446	#78-5322	#79-5632	#80-5587
#81-5439	#82-5295	#83-5461	#84-5663	#85-5550	#86-5380	#87-5488	#88-5649	#89-5256	#90-5261
#91-5671	#92-5387	#93-5285	#94-5715	#95-5354	#96-5270	#97-5275	#98-5401	#99-5315	#100-5433

Type 6 #8 [Back to Summary]									
#01-5630	#02-5587	#03-5518	#04-5724	#05-5295	#06-5692	#07-5372	#08-5353	#09-5612	#10-5296
#11-5584	#12-5581	#13-5357	#14-5514	#15-5438	#16-5569	#17-5341	#18-5440	#19-5337	#20-5367
#21-5364	#22-5509	#23-5625	#24-5571	#25-5265	#26-5378	#27-5374	#28-5285	#29-5413	#30-5665
#31-5388	#32-5300	#33-5258	#34-5456	#35-5686	#36-5580	#37-5505	#38-5468	#39-5619	#40-5593
#41-5262	#42-5397	#43-5284	#44-5687	#45-5404	#46-5336	#47-5286	#48-5495	#49-5528	#50-5513
#51-5653	#52-5559	#53-5314	#54-5675	#55-5319	#56-5376	#57-5691	#58-5672	#59-5709	#60-5645
#61-5570	#62-5338	#63-5667	#64-5674	#65-5635	#66-5535	#67-5572	#68-5629	#69-5551	#70-5582

#71-5317	#72-5602	#73-5543	#74-5471	#75-5354	#76-5698	#77-5473	#78-5661	#79-5423	#80-5652
#81-5340	#82-5601	#83-5483	#84-5621	#85-5263	#86-5545	#87-5713	#88-5309	#89-5387	#90-5558
#91-5613	#92-5549	#93-5476	#94-5697	#95-5268	#96-5648	#97-5445	#98-5332	#99-5298	#100-5585

Type 6 #9 [Back to Summary]									
#01-5486	#02-5378	#03-5661	#04-5664	#05-5442	#06-5296	#07-5259	#08-5563	#09-5570	#10-5347
#11-5619	#12-5276	#13-5500	#14-5304	#15-5555	#16-5694	#17-5575	#18-5294	#19-5660	#20-5337
#21-5547	#22-5513	#23-5495	#24-5716	#25-5693	#26-5481	#27-5371	#28-5578	#29-5453	#30-5426
#31-5496	#32-5390	#33-5615	#34-5559	#35-5415	#36-5686	#37-5667	#38-5544	#39-5428	#40-5690
#41-5537	#42-5396	#43-5462	#44-5285	#45-5670	#46-5590	#47-5307	#48-5424	#49-5387	#50-5298
#51-5325	#52-5404	#53-5398	#54-5688	#55-5287	#56-5699	#57-5606	#58-5668	#59-5697	#60-5680
#61-5645	#62-5406	#63-5355	#64-5388	#65-5573	#66-5476	#67-5382	#68-5658	#69-5607	#70-5591
#71-5274	#72-5273	#73-5586	#74-5696	#75-5516	#76-5397	#77-5299	#78-5459	#79-5295	#80-5353
#81-5430	#82-5663	#83-5437	#84-5408	#85-5350	#86-5340	#87-5718	#88-5646	#89-5521	#90-5447
#91-5329	#92-5722	#93-5576	#94-5472	#95-5288	#96-5380	#97-5291	#98-5324	#99-5441	#100-5446

Type 6 #10 [Back to Summary]									
#01-5453	#02-5366	#03-5544	#04-5522	#05-5271	#06-5300	#07-5542	#08-5429	#09-5418	#10-5616
#11-5650	#12-5395	#13-5626	#14-5591	#15-5505	#16-5708	#17-5696	#18-5674	#19-5288	#20-5481
#21-5485	#22-5458	#23-5390	#24-5412	#25-5513	#26-5279	#27-5423	#28-5363	#29-5655	#30-5383
#31-5353	#32-5699	#33-5272	#34-5580	#35-5627	#36-5311	#37-5374	#38-5639	#39-5385	#40-5303
#41-5528	#42-5540	#43-5484	#44-5633	#45-5523	#46-5661	#47-5344	#48-5712	#49-5690	#50-5307
#51-5411	#52-5340	#53-5285	#54-5678	#55-5679	#56-5719	#57-5697	#58-5377	#59-5258	#60-5716
#61-5597	#62-5427	#63-5498	#64-5282	#65-5508	#66-5671	#67-5371	#68-5296	#69-5686	#70-5446
#71-5581	#72-5310	#73-5539	#74-5709	#75-5677	#76-5666	#77-5700	#78-5482	#79-5611	#80-5573
#81-5649	#82-5436	#83-5398	#84-5590	#85-5694	#86-5262	#87-5653	#88-5321	#89-5614	#90-5623
#91-5335	#92-5721	#93-5618	#94-5392	#95-5426	#96-5348	#97-5289	#98-5450	#99-5372	#100-5563

Type 6 #11 [Back to Summary]									
#01-5536	#02-5300	#03-5271	#04-5496	#05-5448	#06-5354	#07-5529	#08-5301	#09-5721	#10-5256
#11-5267	#12-5464	#13-5486	#14-5407	#15-5311	#16-5415	#17-5278	#18-5628	#19-5312	#20-5499
#21-5263	#22-5307	#23-5400	#24-5314	#25-5364	#26-5592	#27-5411	#28-5401	#29-5541	#30-5588
#31-5638	#32-5507	#33-5367	#34-5299	#35-5294	#36-5613	#37-5424	#38-5633	#39-5405	#40-5601
#41-5468	#42-5617	#43-5330	#44-5623	#45-5620	#46-5603	#47-5491	#48-5478	#49-5341	#50-5264
#51-5331	#52-5393	#53-5398	#54-5610	#55-5563	#56-5489	#57-5639	#58-5692	#59-5391	#60-5589
#61-5678	#62-5384	#63-5500	#64-5392	#65-5351	#66-5501	#67-5355	#68-5444	#69-5368	#70-5434
#71-5722	#72-5377	#73-5484	#74-5446	#75-5283	#76-5380	#77-5705	#78-5516	#79-5427	#80-5495
#81-5353	#82-5663	#83-5313	#84-5532	#85-5521	#86-5509	#87-5361	#88-5492	#89-5473	#90-5549
#91-5704	#92-5458	#93-5504	#94-5552	#95-5655	#96-5329	#97-5374	#98-5667	#99-5534	#100-5376

Type 6 #12 [Back to Summary]									
#01-5498	#02-5299	#03-5360	#04-5636	#05-5267	#06-5676	#07-5635	#08-5681	#09-5570	#10-5431
#11-5503	#12-5375	#13-5523	#14-5627	#15-5483	#16-5266	#17-5322	#18-5698	#19-5603	#20-5576
#21-5384	#22-5592	#23-5697	#24-5550	#25-5444	#26-5518	#27-5607	#28-5663	#29-5510	#30-5678
#31-5254	#32-5294	#33-5709	#34-5292	#35-5711	#36-5303	#37-5542	#38-5398	#39-5496	#40-5555
#41-5582	#42-5400	#43-5632	#44-5282	#45-5281	#46-5575	#47-5652	#48-5583	#49-5306	#50-5628

#51-5258	#52-5396	#53-5310	#54-5667	#55-5715	#56-5624	#57-5331	#58-5527	#59-5437	#60-5467
#61-5321	#62-5695	#63-5416	#64-5614	#65-5425	#66-5457	#67-5389	#68-5476	#69-5643	#70-5430
#71-5443	#72-5646	#73-5445	#74-5297	#75-5718	#76-5706	#77-5683	#78-5660	#79-5516	#80-5587
#81-5585	#82-5272	#83-5604	#84-5600	#85-5668	#86-5571	#87-5713	#88-5290	#89-5307	#90-5334
#91-5696	#92-5263	#93-5680	#94-5279	#95-5482	#96-5605	#97-5707	#98-5265	#99-5566	#100-5535

Type 6 #13 [Back to Summary]									
#01-5436	#02-5422	#03-5667	#04-5594	#05-5434	#06-5334	#07-5677	#08-5258	#09-5675	#10-5256
#11-5668	#12-5387	#13-5262	#14-5570	#15-5604	#16-5296	#17-5337	#18-5533	#19-5673	#20-5567
#21-5472	#22-5352	#23-5427	#24-5561	#25-5460	#26-5432	#27-5689	#28-5414	#29-5531	#30-5355
#31-5723	#32-5666	#33-5331	#34-5700	#35-5405	#36-5418	#37-5328	#38-5268	#39-5425	#40-5585
#41-5629	#42-5705	#43-5341	#44-5298	#45-5386	#46-5560	#47-5252	#48-5366	#49-5401	#50-5451
#51-5527	#52-5431	#53-5317	#54-5264	#55-5325	#56-5339	#57-5720	#58-5359	#59-5391	#60-5253
#61-5378	#62-5515	#63-5463	#64-5575	#65-5260	#66-5724	#67-5306	#68-5288	#69-5424	#70-5449
#71-5688	#72-5321	#73-5367	#74-5345	#75-5659	#76-5501	#77-5265	#78-5389	#79-5442	#80-5624
#81-5444	#82-5580	#83-5272	#84-5346	#85-5558	#86-5553	#87-5608	#88-5324	#89-5628	#90-5323
#91-5438	#92-5702	#93-5610	#94-5435	#95-5477	#96-5379	#97-5512	#98-5506	#99-5292	#100-5397

Type 6 #14 [Back to Summary]									
#01-5507	#02-5692	#03-5673	#04-5687	#05-5477	#06-5455	#07-5315	#08-5704	#09-5323	#10-5556
#11-5325	#12-5590	#13-5650	#14-5487	#15-5547	#16-5522	#17-5491	#18-5362	#19-5266	#20-5433
#21-5372	#22-5708	#23-5385	#24-5343	#25-5263	#26-5713	#27-5438	#28-5661	#29-5600	#30-5541
#31-5715	#32-5488	#33-5338	#34-5288	#35-5365	#36-5460	#37-5623	#38-5302	#39-5582	#40-5346
#41-5480	#42-5621	#43-5723	#44-5316	#45-5719	#46-5554	#47-5297	#48-5368	#49-5595	#50-5659
#51-5599	#52-5391	#53-5475	#54-5576	#55-5262	#56-5523	#57-5555	#58-5578	#59-5671	#60-5489
#61-5269	#62-5379	#63-5353	#64-5505	#65-5567	#66-5560	#67-5499	#68-5614	#69-5375	#70-5336
#71-5625	#72-5436	#73-5504	#74-5645	#75-5679	#76-5468	#77-5706	#78-5314	#79-5348	#80-5428
#81-5662	#82-5320	#83-5312	#84-5660	#85-5664	#86-5572	#87-5259	#88-5481	#89-5275	#90-5562
#91-5628	#92-5293	#93-5356	#94-5342	#95-5328	#96-5358	#97-5519	#98-5463	#99-5470	#100-5411

Type 6 #15 [Back to Summary]									
#01-5303	#02-5411	#03-5716	#04-5509	#05-5288	#06-5412	#07-5608	#08-5556	#09-5624	#10-5514
#11-5540	#12-5487	#13-5480	#14-5490	#15-5553	#16-5671	#17-5310	#18-5413	#19-5567	#20-5718
#21-5548	#22-5265	#23-5589	#24-5532	#25-5431	#26-5580	#27-5335	#28-5410	#29-5572	#30-5579
#31-5680	#32-5488	#33-5569	#34-5663	#35-5375	#36-5500	#37-5329	#38-5530	#39-5627	#40-5499
#41-5693	#42-5425	#43-5588	#44-5477	#45-5273	#46-5385	#47-5536	#48-5592	#49-5510	#50-5374
#51-5290	#52-5352	#53-5631	#54-5473	#55-5590	#56-5284	#57-5546	#58-5428	#59-5323	#60-5433
#61-5322	#62-5441	#63-5711	#64-5295	#65-5562	#66-5297	#67-5649	#68-5543	#69-5359	#70-5298
#71-5596	#72-5498	#73-5513	#74-5311	#75-5272	#76-5368	#77-5401	#78-5353	#79-5511	#80-5291
#81-5287	#82-5469	#83-5634	#84-5439	#85-5538	#86-5582	#87-5601	#88-5339	#89-5330	#90-5345
#91-5685	#92-5633	#93-5456	#94-5438	#95-5427	#96-5497	#97-5445	#98-5545	#99-5657	#100-5702

Type 6 #16 [Back to Summary]									
#01-5470	#02-5719	#03-5477	#04-5464	#05-5518	#06-5515	#07-5566	#08-5565	#09-5452	#10-5463
#11-5609	#12-5439	#13-5648	#14-5281	#15-5392	#16-5578	#17-5543	#18-5522	#19-5485	#20-5710
#21-5427	#22-5557	#23-5460	#24-5267	#25-5338	#26-5689	#27-5293	#28-5324	#29-5610	#30-5501

#31-5651	#32-5591	#33-5421	#34-5534	#35-5547	#36-5295	#37-5720	#38-5403	#39-5646	#40-5269
#41-5257	#42-5275	#43-5608	#44-5587	#45-5455	#46-5486	#47-5700	#48-5419	#49-5294	#50-5579
#51-5679	#52-5645	#53-5305	#54-5665	#55-5514	#56-5637	#57-5500	#58-5450	#59-5370	#60-5551
#61-5467	#62-5487	#63-5683	#64-5677	#65-5539	#66-5266	#67-5265	#68-5360	#69-5453	#70-5348
#71-5583	#72-5380	#73-5602	#74-5461	#75-5703	#76-5401	#77-5674	#78-5605	#79-5530	#80-5577
#81-5713	#82-5593	#83-5284	#84-5280	#85-5544	#86-5252	#87-5532	#88-5482	#89-5268	#90-5633
#91-5510	#92-5506	#93-5289	#94-5343	#95-5520	#96-5489	#97-5319	#98-5655	#99-5299	#100-5433

Type 6 #17 [Back to Summary]									
#01-5469	#02-5588	#03-5689	#04-5667	#05-5720	#06-5543	#07-5294	#08-5560	#09-5685	#10-5358
#11-5686	#12-5621	#13-5647	#14-5515	#15-5561	#16-5600	#17-5451	#18-5650	#19-5378	#20-5532
#21-5450	#22-5499	#23-5344	#24-5548	#25-5555	#26-5317	#27-5347	#28-5502	#29-5666	#30-5454
#31-5337	#32-5270	#33-5558	#34-5339	#35-5359	#36-5375	#37-5627	#38-5336	#39-5283	#40-5251
#41-5682	#42-5700	#43-5522	#44-5629	#45-5670	#46-5613	#47-5582	#48-5484	#49-5497	#50-5641
#51-5286	#52-5388	#53-5517	#54-5474	#55-5711	#56-5691	#57-5483	#58-5386	#59-5356	#60-5646
#61-5438	#62-5508	#63-5614	#64-5468	#65-5266	#66-5662	#67-5310	#68-5554	#69-5407	#70-5432
#71-5702	#72-5364	#73-5612	#74-5377	#75-5577	#76-5476	#77-5705	#78-5434	#79-5601	#80-5663
#81-5449	#82-5579	#83-5253	#84-5274	#85-5416	#86-5676	#87-5467	#88-5325	#89-5352	#90-5393
#91-5605	#92-5487	#93-5708	#94-5355	#95-5527	#96-5415	#97-5324	#98-5296	#99-5609	#100-5256

Type 6 #18 [Back to Summary]									
#01-5553	#02-5277	#03-5329	#04-5315	#05-5668	#06-5646	#07-5495	#08-5393	#09-5624	#10-5477
#11-5711	#12-5299	#13-5507	#14-5417	#15-5441	#16-5585	#17-5511	#18-5594	#19-5304	#20-5316
#21-5439	#22-5708	#23-5453	#24-5265	#25-5555	#26-5461	#27-5383	#28-5510	#29-5574	#30-5409
#31-5401	#32-5656	#33-5554	#34-5603	#35-5361	#36-5431	#37-5506	#38-5664	#39-5331	#40-5501
#41-5432	#42-5333	#43-5429	#44-5606	#45-5406	#46-5564	#47-5709	#48-5540	#49-5644	#50-5673
#51-5635	#52-5460	#53-5719	#54-5546	#55-5538	#56-5571	#57-5547	#58-5308	#59-5483	#60-5455
#61-5513	#62-5712	#63-5543	#64-5462	#65-5322	#66-5301	#67-5469	#68-5632	#69-5298	#70-5258
#71-5328	#72-5577	#73-5515	#74-5529	#75-5611	#76-5355	#77-5527	#78-5580	#79-5588	#80-5718
#81-5472	#82-5572	#83-5595	#84-5629	#85-5492	#86-5669	#87-5662	#88-5253	#89-5306	#90-5514
#91-5610	#92-5434	#93-5416	#94-5600	#95-5713	#96-5436	#97-5504	#98-5690	#99-5522	#100-5347

Type 6 #19 [Back to Summary]									
#01-5339	#02-5327	#03-5485	#04-5633	#05-5591	#06-5312	#07-5673	#08-5440	#09-5665	#10-5433
#11-5291	#12-5699	#13-5454	#14-5494	#15-5707	#16-5666	#17-5370	#18-5640	#19-5689	#20-5385
#21-5369	#22-5467	#23-5569	#24-5512	#25-5377	#26-5609	#27-5395	#28-5638	#29-5539	#30-5410
#31-5566	#32-5560	#33-5296	#34-5481	#35-5626	#36-5397	#37-5332	#38-5683	#39-5282	#40-5436
#41-5718	#42-5470	#43-5311	#44-5599	#45-5475	#46-5631	#47-5714	#48-5656	#49-5612	#50-5292
#51-5322	#52-5590	#53-5250	#54-5390	#55-5704	#56-5593	#57-5480	#58-5695	#59-5504	#60-5703
#61-5637	#62-5279	#63-5618	#64-5501	#65-5581	#66-5449	#67-5646	#68-5693	#69-5579	#70-5549
#71-5573	#72-5407	#73-5601	#74-5496	#75-5386	#76-5620	#77-5398	#78-5691	#79-5283	#80-5460
#81-5614	#82-5455	#83-5270	#84-5490	#85-5334	#86-5697	#87-5552	#88-5627	#89-5497	#90-5277
#91-5639	#92-5357	#93-5421	#94-5303	#95-5516	#96-5680	#97-5559	#98-5527	#99-5260	#100-5268

Type 6 #20 [Back to Summary]									
#01-5709	#02-5268	#03-5320	#04-5308	#05-5439	#06-5636	#07-5712	#08-5473	#09-5723	#10-5331

#11-5446	#12-5512	#13-5659	#14-5286	#15-5336	#16-5430	#17-5258	#18-5381	#19-5418	#20-5615
#21-5616	#22-5266	#23-5448	#24-5559	#25-5642	#26-5472	#27-5708	#28-5552	#29-5704	#30-5433
#31-5305	#32-5591	#33-5681	#34-5265	#35-5485	#36-5600	#37-5393	#38-5689	#39-5309	#40-5424
#41-5710	#42-5342	#43-5631	#44-5420	#45-5560	#46-5379	#47-5427	#48-5390	#49-5692	#50-5341
#51-5671	#52-5444	#53-5367	#54-5371	#55-5380	#56-5688	#57-5547	#58-5491	#59-5392	#60-5687
#61-5647	#62-5409	#63-5494	#64-5539	#65-5275	#66-5576	#67-5553	#68-5641	#69-5527	#70-5459
#71-5287	#72-5292	#73-5323	#74-5717	#75-5625	#76-5528	#77-5357	#78-5273	#79-5721	#80-5513
#81-5294	#82-5570	#83-5581	#84-5613	#85-5483	#86-5587	#87-5476	#88-5562	#89-5608	#90-5514
#91-5303	#92-5629	#93-5546	#94-5340	#95-5498	#96-5549	#97-5573	#98-5346	#99-5397	#100-5705

Type 6 #21 [Back to Summary]									
#01-5551	#02-5506	#03-5587	#04-5487	#05-5303	#06-5634	#07-5368	#08-5375	#09-5465	#10-5576
#11-5586	#12-5525	#13-5488	#14-5606	#15-5651	#16-5329	#17-5552	#18-5599	#19-5306	#20-5409
#21-5350	#22-5715	#23-5281	#24-5262	#25-5402	#26-5381	#27-5466	#28-5707	#29-5468	#30-5326
#31-5679	#32-5261	#33-5604	#34-5264	#35-5686	#36-5511	#37-5706	#38-5343	#39-5564	#40-5573
#41-5469	#42-5349	#43-5347	#44-5286	#45-5656	#46-5503	#47-5394	#48-5672	#49-5417	#50-5420
#51-5724	#52-5699	#53-5288	#54-5709	#55-5608	#56-5559	#57-5474	#58-5572	#59-5336	#60-5646
#61-5416	#62-5387	#63-5631	#64-5389	#65-5621	#66-5569	#67-5648	#68-5475	#69-5642	#70-5386
#71-5346	#72-5456	#73-5282	#74-5455	#75-5666	#76-5252	#77-5617	#78-5721	#79-5331	#80-5622
#81-5712	#82-5517	#83-5537	#84-5299	#85-5325	#86-5698	#87-5696	#88-5612	#89-5380	#90-5372
#91-5285	#92-5384	#93-5255	#94-5638	#95-5411	#96-5333	#97-5443	#98-5680	#99-5393	#100-5330

Type 6 #22 [Back to Summary]									
#01-5579	#02-5641	#03-5278	#04-5276	#05-5319	#06-5515	#07-5668	#08-5553	#09-5295	#10-5604
#11-5667	#12-5476	#13-5490	#14-5437	#15-5660	#16-5621	#17-5567	#18-5581	#19-5311	#20-5644
#21-5595	#22-5282	#23-5345	#24-5517	#25-5354	#26-5692	#27-5451	#28-5368	#29-5302	#30-5580
#31-5533	#32-5661	#33-5578	#34-5251	#35-5294	#36-5325	#37-5488	#38-5512	#39-5708	#40-5536
#41-5285	#42-5398	#43-5570	#44-5499	#45-5429	#46-5531	#47-5618	#48-5540	#49-5706	#50-5504
#51-5482	#52-5586	#53-5625	#54-5463	#55-5453	#56-5546	#57-5544	#58-5475	#59-5651	#60-5351
#61-5312	#62-5550	#63-5496	#64-5430	#65-5320	#66-5257	#67-5624	#68-5483	#69-5392	#70-5592
#71-5379	#72-5305	#73-5603	#74-5493	#75-5613	#76-5443	#77-5427	#78-5566	#79-5338	#80-5543
#81-5326	#82-5643	#83-5385	#84-5513	#85-5343	#86-5681	#87-5286	#88-5363	#89-5516	#90-5465
#91-5497	#92-5258	#93-5598	#94-5611	#95-5469	#96-5450	#97-5628	#98-5383	#99-5426	#100-5417

Type 6 #23 [Back to Summary]									
#01-5636	#02-5377	#03-5397	#04-5366	#05-5379	#06-5436	#07-5709	#08-5374	#09-5586	#10-5258
#11-5361	#12-5705	#13-5398	#14-5352	#15-5278	#16-5404	#17-5419	#18-5711	#19-5342	#20-5368
#21-5693	#22-5513	#23-5695	#24-5647	#25-5335	#26-5376	#27-5444	#28-5720	#29-5270	#30-5407
#31-5558	#32-5299	#33-5387	#34-5637	#35-5630	#36-5669	#37-5494	#38-5268	#39-5392	#40-5631
#41-5688	#42-5633	#43-5503	#44-5511	#45-5356	#46-5522	#47-5585	#48-5488	#49-5574	#50-5324
#51-5293	#52-5628	#53-5290	#54-5316	#55-5460	#56-5382	#57-5413	#58-5478	#59-5279	#60-5254
#61-5722	#62-5713	#63-5354	#64-5443	#65-5435	#66-5313	#67-5575	#68-5487	#69-5455	#70-5332
#71-5634	#72-5403	#73-5576	#74-5445	#75-5410	#76-5307	#77-5259	#78-5451	#79-5547	#80-5550
#81-5520	#82-5675	#83-5401	#84-5667	#85-5357	#86-5650	#87-5260	#88-5317	#89-5447	#90-5515
#91-5527	#92-5269	#93-5714	#94-5389	#95-5639	#96-5699	#97-5539	#98-5318	#99-5333	#100-5296

Type 6 #24 [Back to Summary]									
#01-5670	#02-5355	#03-5290	#04-5493	#05-5419	#06-5624	#07-5309	#08-5581	#09-5641	#10-5396
#11-5369	#12-5691	#13-5656	#14-5460	#15-5468	#16-5295	#17-5568	#18-5411	#19-5328	#20-5504
#21-5303	#22-5511	#23-5296	#24-5667	#25-5541	#26-5615	#27-5405	#28-5442	#29-5524	#30-5424
#31-5501	#32-5669	#33-5356	#34-5496	#35-5599	#36-5404	#37-5635	#38-5627	#39-5499	#40-5455
#41-5590	#42-5399	#43-5394	#44-5284	#45-5384	#46-5553	#47-5334	#48-5508	#49-5643	#50-5592
#51-5380	#52-5368	#53-5713	#54-5555	#55-5717	#56-5413	#57-5306	#58-5346	#59-5680	#60-5530
#61-5470	#62-5594	#63-5305	#64-5467	#65-5622	#66-5427	#67-5584	#68-5410	#69-5587	#70-5311
#71-5383	#72-5672	#73-5639	#74-5598	#75-5640	#76-5626	#77-5353	#78-5257	#79-5529	#80-5715
#81-5531	#82-5625	#83-5523	#84-5659	#85-5285	#86-5374	#87-5684	#88-5526	#89-5498	#90-5434
#91-5342	#92-5537	#93-5677	#94-5698	#95-5711	#96-5722	#97-5338	#98-5654	#99-5387	#100-5687

Type 6 #25 [Back to Summary]									
#01-5692	#02-5648	#03-5640	#04-5575	#05-5453	#06-5438	#07-5459	#08-5363	#09-5638	#10-5339
#11-5301	#12-5298	#13-5544	#14-5687	#15-5722	#16-5566	#17-5316	#18-5376	#19-5426	#20-5493
#21-5470	#22-5304	#23-5630	#24-5401	#25-5689	#26-5574	#27-5718	#28-5664	#29-5606	#30-5637
#31-5527	#32-5424	#33-5588	#34-5563	#35-5271	#36-5602	#37-5707	#38-5671	#39-5447	#40-5569
#41-5641	#42-5556	#43-5609	#44-5406	#45-5378	#46-5294	#47-5714	#48-5709	#49-5695	#50-5388
#51-5651	#52-5688	#53-5474	#54-5616	#55-5460	#56-5628	#57-5265	#58-5485	#59-5604	#60-5594
#61-5437	#62-5510	#63-5475	#64-5724	#65-5524	#66-5589	#67-5421	#68-5698	#69-5659	#70-5357
#71-5573	#72-5359	#73-5643	#74-5561	#75-5559	#76-5621	#77-5405	#78-5458	#79-5266	#80-5633
#81-5570	#82-5256	#83-5686	#84-5454	#85-5708	#86-5546	#87-5668	#88-5684	#89-5343	#90-5350
#91-5576	#92-5452	#93-5306	#94-5553	#95-5368	#96-5365	#97-5326	#98-5601	#99-5590	#100-5496

Type 6 #26 [Back to Summary]									
#01-5590	#02-5264	#03-5296	#04-5581	#05-5531	#06-5536	#07-5294	#08-5628	#09-5301	#10-5560
#11-5469	#12-5520	#13-5471	#14-5698	#15-5270	#16-5437	#17-5552	#18-5265	#19-5263	#20-5697
#21-5652	#22-5463	#23-5600	#24-5554	#25-5501	#26-5370	#27-5312	#28-5330	#29-5448	#30-5450
#31-5547	#32-5528	#33-5596	#34-5485	#35-5304	#36-5572	#37-5688	#38-5362	#39-5660	#40-5421
#41-5517	#42-5298	#43-5645	#44-5514	#45-5618	#46-5320	#47-5719	#48-5341	#49-5553	#50-5666
#51-5545	#52-5322	#53-5603	#54-5632	#55-5583	#56-5376	#57-5391	#58-5462	#59-5331	#60-5411
#61-5477	#62-5693	#63-5425	#64-5575	#65-5262	#66-5669	#67-5656	#68-5712	#69-5646	#70-5422
#71-5474	#72-5435	#73-5334	#74-5565	#75-5423	#76-5607	#77-5543	#78-5333	#79-5667	#80-5432
#81-5374	#82-5696	#83-5496	#84-5506	#85-5629	#86-5475	#87-5654	#88-5687	#89-5626	#90-5649
#91-5418	#92-5464	#93-5281	#94-5491	#95-5673	#96-5549	#97-5592	#98-5317	#99-5497	#100-5676

Type 6 #27 [Back to Summary]									
#01-5387	#02-5257	#03-5417	#04-5376	#05-5440	#06-5356	#07-5711	#08-5285	#09-5456	#10-5702
#11-5555	#12-5309	#13-5529	#14-5618	#15-5288	#16-5510	#17-5445	#18-5644	#19-5670	#20-5512
#21-5263	#22-5691	#23-5334	#24-5721	#25-5722	#26-5255	#27-5408	#28-5562	#29-5617	#30-5598
#31-5261	#32-5478	#33-5553	#34-5713	#35-5301	#36-5369	#37-5530	#38-5374	#39-5324	#40-5522
#41-5492	#42-5619	#43-5484	#44-5650	#45-5347	#46-5371	#47-5667	#48-5394	#49-5459	#50-5414
#51-5360	#52-5675	#53-5377	#54-5716	#55-5657	#56-5423	#57-5645	#58-5422	#59-5381	#60-5435
#61-5672	#62-5401	#63-5392	#64-5578	#65-5690	#66-5323	#67-5482	#68-5539	#69-5569	#70-5640
#71-5701	#72-5317	#73-5571	#74-5400	#75-5270	#76-5366	#77-5462	#78-5411	#79-5623	#80-5600
#81-5310	#82-5267	#83-5351	#84-5464	#85-5495	#86-5307	#87-5353	#88-5564	#89-5303	#90-5604

#91-5450	#92-5359	#93-5717	#94-5613	#95-5574	#96-5340	#97-5485	#98-5631	#99-5681	#100-5272

Type 6 #28 [Back to Summary]									
#01-5615	#02-5381	#03-5547	#04-5537	#05-5432	#06-5289	#07-5354	#08-5699	#09-5697	#10-5540
#11-5686	#12-5488	#13-5518	#14-5500	#15-5368	#16-5657	#17-5296	#18-5656	#19-5336	#20-5632
#21-5696	#22-5641	#23-5478	#24-5688	#25-5446	#26-5591	#27-5324	#28-5678	#29-5550	#30-5648
#31-5611	#32-5545	#33-5445	#34-5599	#35-5712	#36-5650	#37-5436	#38-5532	#39-5272	#40-5443
#41-5676	#42-5375	#43-5582	#44-5481	#45-5635	#46-5677	#47-5558	#48-5458	#49-5486	#50-5631
#51-5292	#52-5536	#53-5535	#54-5297	#55-5298	#56-5695	#57-5618	#58-5575	#59-5334	#60-5557
#61-5687	#62-5392	#63-5390	#64-5291	#65-5645	#66-5382	#67-5284	#68-5636	#69-5506	#70-5431
#71-5456	#72-5472	#73-5626	#74-5604	#75-5675	#76-5561	#77-5304	#78-5719	#79-5295	#80-5485
#81-5276	#82-5578	#83-5424	#84-5630	#85-5598	#86-5319	#87-5255	#88-5397	#89-5546	#90-5263
#91-5278	#92-5579	#93-5442	#94-5426	#95-5477	#96-5521	#97-5709	#98-5530	#99-5556	#100-5494

Type 6 #29 [Back to Summary]									
#01-5640	#02-5647	#03-5674	#04-5303	#05-5423	#06-5537	#07-5635	#08-5656	#09-5343	#10-5455
#11-5639	#12-5626	#13-5530	#14-5566	#15-5527	#16-5351	#17-5689	#18-5479	#19-5410	#20-5577
#21-5378	#22-5608	#23-5333	#24-5497	#25-5408	#26-5601	#27-5278	#28-5444	#29-5373	#30-5396
#31-5583	#32-5486	#33-5403	#34-5518	#35-5578	#36-5355	#37-5637	#38-5379	#39-5463	#40-5315
#41-5407	#42-5321	#43-5304	#44-5345	#45-5347	#46-5374	#47-5297	#48-5609	#49-5630	#50-5386
#51-5568	#52-5476	#53-5380	#54-5710	#55-5370	#56-5275	#57-5560	#58-5429	#59-5619	#60-5546
#61-5509	#62-5442	#63-5532	#64-5675	#65-5598	#66-5404	#67-5475	#68-5261	#69-5716	#70-5426
#71-5443	#72-5556	#73-5266	#74-5340	#75-5422	#76-5302	#77-5557	#78-5714	#79-5401	#80-5285
#81-5554	#82-5398	#83-5545	#84-5718	#85-5561	#86-5358	#87-5359	#88-5428	#89-5399	#90-5552
#91-5524	#92-5467	#93-5494	#94-5652	#95-5539	#96-5695	#97-5519	#98-5357	#99-5478	#100-5676

Type 6 #30 [Back to Summary]									
#01-5623	#02-5287	#03-5616	#04-5455	#05-5668	#06-5261	#07-5457	#08-5284	#09-5538	#10-5318
#11-5450	#12-5571	#13-5272	#14-5581	#15-5718	#16-5361	#17-5622	#18-5537	#19-5366	#20-5488
#21-5295	#22-5306	#23-5592	#24-5416	#25-5628	#26-5703	#27-5319	#28-5350	#29-5533	#30-5452
#31-5512	#32-5441	#33-5490	#34-5458	#35-5389	#36-5516	#37-5507	#38-5338	#39-5299	#40-5549
#41-5633	#42-5328	#43-5610	#44-5333	#45-5353	#46-5679	#47-5440	#48-5639	#49-5655	#50-5425
#51-5322	#52-5706	#53-5722	#54-5711	#55-5627	#56-5569	#57-5420	#58-5451	#59-5556	#60-5689
#61-5670	#62-5359	#63-5475	#64-5337	#65-5528	#66-5257	#67-5334	#68-5542	#69-5439	#70-5456
#71-5580	#72-5535	#73-5491	#74-5547	#75-5587	#76-5691	#77-5415	#78-5508	#79-5313	#80-5673
#81-5511	#82-5402	#83-5417	#84-5358	#85-5380	#86-5532	#87-5443	#88-5501	#89-5559	#90-5548
#91-5341	#92-5300	#93-5505	#94-5331	#95-5603	#96-5521	#97-5583	#98-5522	#99-5529	#100-5340

Type 5 #1 5523 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	12	34970	83	0	0	714947	750000
2	3	12	504912	97	1779	1876	241142	750000
3	2	12	40096	64	1640	0	708136	750000
4	1	12	473872	77	0	0	276051	750000
5	3	12	531142	66	1834	1858	214968	750000
6	2	12	117203	94	1058	0	631551	750000
7	1	12	346155	66	0	0	403779	750000
8	1	12	564334	81	0	0	185585	750000
9	3	12	744392	67	1166	1519	2722	750000
10	2	12	54350	92	1489	0	693977	750000
11	3	12	103850	70	1117	1326	643497	750000
12	1	12	252969	90	0	0	496941	750000
13	1	12	675865	52	0	0	74083	750000
14	2	12	134547	70	1181	0	614132	750000
15	2	12	239923	72	1668	0	508265	750000
16	1	12	637848	78	0	0	112074	750000

Type 5 #2 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	749126	88	0	0	786	750000
2	3	20	309962	66	1951	1824	436065	750000
3	2	20	308171	65	1447	0	440252	750000
4	2	20	555630	71	1303	0	192925	750000
5	2	20	34830	59	1622	0	713430	750000
6	2	20	517056	67	1438	0	231372	750000
7	2	20	582190	60	1382	0	166308	750000
8	3	20	378052	61	1183	1722	368860	750000
9	2	20	738445	64	1372	0	10055	750000
10	1	20	198054	58	0	0	551888	750000
11	3	20	701325	79	1749	1932	44757	750000
12	1	20	304802	68	0	0	445130	750000
13	3	20	147888	76	1897	1703	598284	750000
14	3	20	184909	86	1844	1585	561404	750000
15	2	20	680835	73	1236	0	67783	750000
16	1	20	225426	95	0	0	524479	750000

Type 5 #3 5497 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	545032	69	1838	0	84570	631578
2	1	12	628230	66	0	0	3282	631578
3	3	12	245405	79	1417	1714	382805	631578
4	1	12	388022	93	0	0	243463	631578
5	3	12	551384	65	1696	1337	76966	631578
6	2	12	324193	95	1105	0	306090	631578
7	1	12	465258	94	0	0	166226	631578
8	2	12	320475	67	1006	0	309963	631578
9	1	12	154617	63	0	0	476898	631578
10	1	12	109592	67	0	0	521919	631578
11	3	12	136430	96	1837	1147	491876	631578
12	3	12	519449	58	1754	1042	109159	631578
13	2	12	302371	67	1211	0	327862	631578
14	2	12	383146	85	1348	0	246914	631578
15	1	12	244903	66	0	0	386609	631578
16	2	12	25534	87	1724	0	604146	631578
17	3	12	612563	52	1307	1897	15655	631578
18	2	12	359826	73	1657	0	269949	631578
19	3	12	422524	64	1198	1060	206604	631578

Type 5 #4 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	12	384903	69	0	0	365028	750000
2	1	12	125444	69	0	0	624487	750000
3	2	12	585820	65	1002	0	163048	750000
4	1	12	71739	72	0	0	678189	750000
5	1	12	129837	51	0	0	620112	750000
6	2	12	679954	95	1765	0	68091	750000
7	1	12	164981	97	0	0	584922	750000
8	3	12	381864	61	1062	1558	365333	750000
9	2	12	28826	73	1186	0	719842	750000
10	1	12	217207	56	0	0	532737	750000
11	1	12	167157	64	0	0	582779	750000
12	1	12	594600	70	0	0	155330	750000
13	2	12	66519	65	1788	0	681563	750000
14	2	12	371175	63	1119	0	377580	750000
15	1	12	37235	81	0	0	712684	750000
16	1	12	507306	99	0	0	242595	750000

Type 5 #5 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	9	259408	74	1039	0	939405	1200000
2	3	9	565856	82	1811	1034	631053	1200000
3	1	9	303072	66	0	0	896862	1200000
4	1	9	417800	96	0	0	782104	1200000
5	2	9	44795	96	1791	0	1153222	1200000
6	1	9	437189	54	0	0	762757	1200000
7	3	9	609307	86	1853	1585	586997	1200000
8	1	9	772750	81	0	0	427169	1200000
9	3	9	402109	100	1861	1411	794319	1200000
10	2	9	506907	99	1640	0	691255	1200000

Type 5 #6 5524 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	10	314274	98	1002	1572	432858	750000
2	1	10	439717	51	0	0	310232	750000
3	3	10	546168	54	1816	1020	200834	750000
4	1	10	490277	52	0	0	259671	750000
5	2	10	58393	60	1180	0	690307	750000
6	2	10	535089	68	1942	0	212833	750000
7	3	10	488245	97	1496	1137	258831	750000
8	2	10	443328	53	1770	0	304796	750000
9	2	10	660289	63	1751	0	87834	750000
10	3	10	686840	95	1783	1829	59263	750000
11	1	10	368206	100	0	0	381694	750000
12	3	10	245297	77	1494	1692	501286	750000
13	3	10	507146	80	1710	1961	238943	750000
14	3	10	595819	100	1385	1201	151295	750000
15	1	10	323167	56	0	0	426777	750000
16	3	10	289249	60	1617	1472	457482	750000

Type 5 #7 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	17	286812	90	1577	1078	801172	1090909
2	2	17	305015	84	1040	0	784686	1090909
3	1	17	484582	59	0	0	606268	1090909
4	2	17	823780	82	1500	0	265465	1090909
5	2	17	81122	67	1772	0	1007881	1090909
6	2	17	821103	58	1434	0	268256	1090909

7	1	17	990598	55	0	0	100256	1090909
8	1	17	229341	79	0	0	861489	1090909
9	1	17	280999	90	0	0	809820	1090909
10	2	17	321087	52	1918	0	767800	1090909
11	2	17	143949	98	1437	0	945327	1090909

Type 5 #8 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	9	181602	97	0	0	1318301	1500000
2	1	9	264558	64	0	0	1235378	1500000
3	3	9	629447	63	1681	1860	866823	1500000
4	1	9	445630	57	0	0	1054313	1500000
5	3	9	1207163	87	1379	1604	289593	1500000
6	2	9	813909	59	1426	0	684547	1500000
7	3	9	308440	83	1593	1554	1188164	1500000
8	2	9	151860	85	1445	0	1346525	1500000

Type 5 #9 5526 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	238077	96	1915	0	509816	750000
2	3	6	485415	78	1298	1902	261151	750000
3	1	6	648333	82	0	0	101585	750000
4	1	6	467175	82	0	0	282743	750000
5	1	6	160997	65	0	0	588938	750000
6	3	6	69677	72	1744	1098	677265	750000
7	2	6	304927	94	1261	0	443624	750000
8	2	6	444487	76	1282	0	304079	750000
9	3	6	523414	51	1256	1442	223735	750000
10	2	6	325484	91	1321	0	423013	750000
11	1	6	447455	97	0	0	302448	750000
12	3	6	430212	98	1693	1044	316757	750000
13	3	6	290240	85	1204	1263	457038	750000
14	1	6	258186	61	0	0	491753	750000
15	3	6	36669	76	1226	1934	709943	750000
16	1	6	14771	70	0	0	735159	750000

Type 5 #10 5520 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	20	202872	76	1629	1708	650705	857142
2	1	20	284327	50	0	0	572765	857142

3	1	20	267171	59	0	0	589912	857142
4	1	20	768206	80	0	0	88856	857142
5	2	20	462874	80	1696	0	392412	857142
6	3	20	552584	91	1284	1874	301127	857142
7	1	20	630326	54	0	0	226762	857142
8	2	20	436039	76	1638	0	419313	857142
9	2	20	91961	84	1376	0	763637	857142
10	3	20	658148	100	1951	1140	195603	857142
11	2	20	799245	84	1726	0	56003	857142
12	1	20	772781	69	0	0	84292	857142
13	3	20	634168	77	1363	1170	220210	857142
14	1	20	577437	75	0	0	279630	857142

Type 5 #11 5521 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	817039	74	0	0	182887	1000000
2	3	18	307555	94	1144	1014	690005	1000000
3	2	18	350650	68	1398	0	647816	1000000
4	1	18	624102	83	0	0	375815	1000000
5	3	18	472523	66	1206	1835	524238	1000000
6	2	18	156744	75	1467	0	841639	1000000
7	2	18	712831	53	1348	0	285715	1000000
8	3	18	396845	51	1171	1167	600664	1000000
9	2	18	896521	99	1064	0	102217	1000000
10	1	18	644512	82	0	0	355406	1000000
11	3	18	14418	65	1973	1401	982013	1000000
12	2	18	366427	100	1342	0	632031	1000000

Type 5 #12 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	5	111116	54	0	0	888830	1000000
2	2	5	973816	76	1610	0	24422	1000000
3	1	5	577497	89	0	0	422414	1000000
4	2	5	195521	93	1145	0	803148	1000000
5	1	5	819763	55	0	0	180182	1000000
6	3	5	646216	55	1032	1829	350758	1000000
7	3	5	889263	70	1934	1099	107494	1000000
8	1	5	533649	78	0	0	466273	1000000
9	2	5	529559	89	1363	0	468900	1000000
10	3	5	503423	95	1959	1766	492567	1000000
11	2	5	228857	75	1845	0	769148	1000000
12	1	5	489513	63	0	0	510424	1000000

Type 5 #13 5498 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	14	434284	84	0	0	197210	631578
2	2	14	451335	65	1416	0	178697	631578
3	1	14	182703	87	0	0	448788	631578
4	3	14	89771	61	1073	1062	539489	631578
5	1	14	111355	96	0	0	520127	631578
6	3	14	285965	92	1773	1166	342398	631578
7	3	14	303884	58	1400	1965	324155	631578
8	1	14	319167	96	0	0	312315	631578
9	1	14	82454	55	0	0	549069	631578
10	2	14	298507	74	1936	0	330987	631578
11	1	14	335798	50	0	0	295730	631578
12	3	14	173673	84	1657	1210	454786	631578
13	3	14	557667	79	1140	1176	71358	631578
14	1	14	204079	67	0	0	427432	631578
15	2	14	357702	50	1157	0	272619	631578
16	3	14	176268	53	1302	1959	451890	631578
17	3	14	151552	90	1694	1973	476089	631578
18	2	14	171596	79	1295	0	458529	631578
19	3	14	590979	82	1223	1925	37205	631578

Type 5 #14 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	15	404428	63	0	0	262175	666666
2	3	15	645740	94	1597	1354	17693	666666
3	3	15	662229	98	1777	1446	920	666666
4	2	15	8758	73	1763	0	655999	666666
5	1	15	507870	64	0	0	158732	666666
6	2	15	475125	95	1133	0	190218	666666
7	3	15	475894	56	1119	1156	188329	666666
8	2	15	465525	82	1676	0	199301	666666
9	3	15	98399	51	1746	1645	564723	666666
10	2	15	63132	87	1161	0	602199	666666
11	2	15	643455	96	1634	0	21385	666666
12	1	15	661466	93	0	0	5107	666666
13	2	15	572459	60	1539	0	92548	666666
14	3	15	5140	81	1791	1489	658003	666666
15	3	15	364291	53	1165	1058	299993	666666
16	3	15	654158	75	1493	1273	9517	666666
17	1	15	138734	94	0	0	527838	666666
18	2	15	526821	89	1750	0	137917	666666

Type 5 #15 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	16	654797	71	1527	1821	198784	857142
2	2	16	493674	65	1321	0	362017	857142
3	3	16	613487	71	1460	1349	240633	857142
4	1	16	107676	61	0	0	749405	857142
5	1	16	9836	82	0	0	847224	857142
6	3	16	795830	56	1216	1430	58498	857142
7	1	16	73275	83	0	0	783784	857142
8	1	16	130505	99	0	0	726538	857142
9	1	16	372488	76	0	0	484578	857142
10	2	16	694335	98	1046	0	161565	857142
11	2	16	444149	76	1997	0	410844	857142
12	1	16	679859	81	0	0	177202	857142
13	2	16	323670	91	1507	0	531783	857142
14	3	16	525200	99	1817	1262	328566	857142

Type 5 #16 5526 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	5	607515	78	1671	1171	20987	631578
2	2	5	220804	66	1775	0	408867	631578
3	3	5	176636	90	1610	1184	451878	631578
4	2	5	87628	82	1645	0	542141	631578
5	3	5	452050	73	1645	1684	175980	631578
6	2	5	163334	58	1656	0	466472	631578
7	2	5	391772	57	1056	0	238636	631578
8	1	5	206749	93	0	0	424736	631578
9	2	5	295433	99	1626	0	334321	631578
10	2	5	207699	71	1972	0	421765	631578
11	2	5	556685	63	1432	0	73335	631578
12	1	5	625928	76	0	0	5574	631578
13	3	5	315240	94	1609	1252	313195	631578
14	1	5	248402	73	0	0	383103	631578
15	2	5	157375	63	1798	0	472279	631578
16	2	5	135901	86	1833	0	493672	631578
17	2	5	206354	64	1464	0	423632	631578
18	1	5	232309	100	0	0	399169	631578
19	1	5	510981	90	0	0	120507	631578

Type 5 #17 5494 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	5	408001	59	1992	0	295771	705882
2	2	5	129305	53	1824	0	574647	705882
3	1	5	664175	58	0	0	41649	705882
4	1	5	294339	74	0	0	411469	705882
5	2	5	145934	97	1507	0	558247	705882
6	1	5	400354	98	0	0	305430	705882
7	2	5	382234	98	1136	0	322316	705882
8	3	5	694906	92	1030	1031	8639	705882
9	3	5	629847	92	1258	1287	73214	705882
10	1	5	109498	50	0	0	596334	705882
11	2	5	391816	69	1006	0	312922	705882
12	3	5	246481	75	1048	1978	456150	705882
13	3	5	268110	89	1616	1882	434007	705882
14	3	5	667903	59	1556	1909	34337	705882
15	2	5	154760	77	1606	0	549362	705882
16	1	5	672939	65	0	0	32878	705882
17	1	5	396037	70	0	0	309775	705882

Type 5 #18 5520 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	901111	82	0	0	98807	1000000
2	1	20	685953	82	0	0	313965	1000000
3	2	20	245887	72	1813	0	752156	1000000
4	1	20	500336	72	0	0	499592	1000000
5	3	20	914706	56	1282	1809	82035	1000000
6	2	20	321970	91	1359	0	676489	1000000
7	2	20	233588	81	1711	0	764539	1000000
8	3	20	542287	58	1314	1781	454444	1000000
9	1	20	800467	91	0	0	199442	1000000
10	2	20	565540	57	1310	0	433036	1000000
11	1	20	36945	77	0	0	962978	1000000
12	1	20	389717	52	0	0	610231	1000000

Type 5 #19 5526 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	490008	96	0	0	109896	600000
2	2	6	485236	66	1164	0	113468	600000

3	3	6	517931	70	1102	1469	79288	600000
4	2	6	91457	63	1501	0	506916	600000
5	1	6	404947	96	0	0	194957	600000
6	3	6	325515	59	1754	1779	270775	600000
7	2	6	194610	92	1101	0	404105	600000
8	3	6	240290	91	1323	1680	356434	600000
9	1	6	379432	87	0	0	220481	600000
10	3	6	582918	79	1919	1524	13402	600000
11	2	6	188810	76	1772	0	409266	600000
12	2	6	339147	52	1878	0	258871	600000
13	2	6	339842	76	1264	0	258742	600000
14	1	6	583619	87	0	0	16294	600000
15	2	6	450158	97	1822	0	147826	600000
16	1	6	25589	59	0	0	574352	600000
17	3	6	340285	81	1835	1255	256382	600000
18	3	6	197217	66	1330	1841	399414	600000
19	3	6	289469	72	1243	1280	307792	600000
20	2	6	499030	54	1064	0	99798	600000

Type 5 #20 5525 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	7	446505	85	0	0	259292	705882
2	1	7	517145	95	0	0	188642	705882
3	1	7	260818	63	0	0	445001	705882
4	1	7	651977	84	0	0	53821	705882
5	2	7	47687	90	1492	0	656523	705882
6	3	7	14137	85	1719	1855	687916	705882
7	3	7	134575	93	1701	1471	567856	705882
8	1	7	621585	65	0	0	84232	705882
9	3	7	623570	88	1546	1431	79071	705882
10	1	7	585514	89	0	0	120279	705882
11	1	7	646360	97	0	0	59425	705882
12	3	7	703033	77	1186	1094	338	705882
13	2	7	13374	89	1028	0	691302	705882
14	3	7	48840	71	1801	1163	653865	705882
15	2	7	23694	88	1042	0	680970	705882
16	3	7	666846	57	1518	1850	35497	705882
17	1	7	609452	57	0	0	96373	705882

Type 5 #21 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	6	1384110	57	0	0	115833	1500000
2	3	6	616717	83	1412	1666	879956	1500000
3	2	6	259664	77	1758	0	1238424	1500000
4	1	6	898597	99	0	0	601304	1500000
5	1	6	760455	79	0	0	739466	1500000
6	2	6	236235	82	1879	0	1261722	1500000
7	1	6	265480	82	0	0	1234438	1500000
8	1	6	926113	100	0	0	573787	1500000

Type 5 #22 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	276936	54	1340	0	427498	705882
2	3	18	273326	85	1756	1814	428731	705882
3	3	18	204081	75	1590	1636	498350	705882
4	3	18	65887	76	1254	1562	636951	705882
5	2	18	392446	68	1762	0	311538	705882
6	2	18	212967	98	1652	0	491067	705882
7	3	18	342398	52	1427	1124	360777	705882
8	2	18	558092	73	1347	0	146297	705882
9	3	18	402758	60	1499	1746	299699	705882
10	3	18	409023	72	1762	1482	293399	705882
11	3	18	92941	96	1251	1630	609772	705882
12	1	18	50149	93	0	0	655640	705882
13	2	18	619831	89	1548	0	84325	705882
14	1	18	554977	68	0	0	150837	705882
15	1	18	453944	100	0	0	251838	705882
16	1	18	406768	63	0	0	299051	705882
17	3	18	305779	61	1202	1556	397162	705882

Type 5 #23 5526 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	6	453043	52	1971	0	176460	631578
2	2	6	437965	87	1197	0	192242	631578
3	2	6	47314	54	1583	0	582573	631578
4	2	6	232223	84	1268	0	397919	631578
5	2	6	425053	78	1428	0	204941	631578
6	2	6	484433	93	1339	0	145620	631578

7	2	6	282465	75	1511	0	347452	631578
8	1	6	585127	50	0	0	46401	631578
9	2	6	116931	77	1649	0	512844	631578
10	3	6	542619	56	1974	1123	85694	631578
11	3	6	491362	98	1672	1488	136762	631578
12	2	6	439093	67	1241	0	191110	631578
13	2	6	604539	55	1005	0	25924	631578
14	2	6	370714	76	1249	0	259463	631578
15	1	6	526673	67	0	0	104838	631578
16	3	6	340751	88	1243	1871	287449	631578
17	3	6	523343	99	1226	1009	105703	631578
18	1	6	354913	65	0	0	276600	631578
19	3	6	338758	57	1722	1920	289007	631578

Type 5 #24 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	175754	64	1464	0	745730	923076
2	2	18	428955	51	1024	0	492995	923076
3	3	18	917624	83	1974	1407	1822	923076
4	1	18	212080	56	0	0	710940	923076
5	2	18	573282	67	1910	0	347750	923076
6	2	18	79620	84	1182	0	842106	923076
7	1	18	783186	50	0	0	139840	923076
8	2	18	589722	98	1545	0	331613	923076
9	2	18	196283	63	1643	0	725024	923076
10	2	18	604171	53	1946	0	316853	923076
11	3	18	269262	93	1680	1997	649858	923076
12	1	18	907064	68	0	0	15944	923076
13	2	18	262196	99	1852	0	658830	923076

Type 5 #25 5500 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	19	608937	59	1488	0	21035	631578
2	3	19	388423	57	1697	1689	239598	631578
3	3	19	6062	76	1158	1240	622890	631578
4	3	19	84204	78	1405	1585	544150	631578
5	1	19	365065	70	0	0	266443	631578
6	3	19	538806	91	1777	1494	89228	631578
7	3	19	158380	67	1651	1192	470154	631578
8	2	19	265008	99	1670	0	364702	631578
9	1	19	574541	51	0	0	56986	631578
10	1	19	434638	51	0	0	196889	631578

11	2	19	38942	74	1349	0	591139	631578
12	2	19	154605	90	1552	0	475241	631578
13	3	19	507542	96	1067	1798	120883	631578
14	3	19	126823	80	1190	1196	502129	631578
15	2	19	201	96	1601	0	629584	631578
16	2	19	499494	54	1669	0	130307	631578
17	1	19	237211	91	0	0	394276	631578
18	2	19	15360	56	1589	0	614517	631578
19	3	19	221747	100	1722	1784	406025	631578

Type 5 #26 5499 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	400382	52	1370	0	521220	923076
2	2	18	427637	67	1477	0	493828	923076
3	3	18	506625	69	1095	1807	413342	923076
4	3	18	158385	72	1680	1000	761795	923076
5	3	18	333489	60	1716	1130	586561	923076
6	3	18	885410	71	1571	1569	34313	923076
7	2	18	865870	88	1878	0	55152	923076
8	2	18	217773	62	1238	0	703941	923076
9	1	18	840920	67	0	0	82089	923076
10	1	18	77935	83	0	0	845058	923076
11	2	18	119022	73	1354	0	802554	923076
12	1	18	681544	66	0	0	241466	923076
13	3	18	899790	85	1000	1893	20138	923076

Type 5 #27 5497 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	12	572277	88	0	0	427635	1000000
2	3	12	268984	96	1378	1442	727908	1000000
3	1	12	150063	59	0	0	849878	1000000
4	3	12	5912	80	1325	1621	990902	1000000
5	2	12	599476	89	1255	0	399091	1000000
6	2	12	731318	58	1361	0	267205	1000000
7	2	12	245504	100	1849	0	752447	1000000
8	3	12	946647	55	1733	1436	50019	1000000
9	3	12	405383	88	1717	1566	591070	1000000
10	3	12	954179	51	1527	1854	42287	1000000
11	2	12	688541	93	1405	0	309868	1000000
12	3	12	243233	67	1736	1016	753814	1000000

Type 5 #28 5497 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	844238	59	1466	0	245087	1090909
2	1	12	866277	77	0	0	224555	1090909
3	3	12	755079	60	1337	1028	333285	1090909
4	1	12	918747	74	0	0	172088	1090909
5	1	12	93703	71	0	0	997135	1090909
6	2	12	32258	97	1975	0	1056482	1090909
7	2	12	836581	73	1509	0	252673	1090909
8	1	12	534899	63	0	0	555947	1090909
9	1	12	1054332	54	0	0	36523	1090909
10	3	12	934597	59	1413	1534	153188	1090909
11	2	12	181767	100	1097	0	907845	1090909

Type 5 #29 5510 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	20	679435	90	0	0	653808	1333333
2	2	20	759177	66	1428	0	572596	1333333
3	3	20	858972	81	1988	1546	470584	1333333
4	2	20	897169	61	1723	0	434319	1333333
5	3	20	446666	62	1117	1153	884211	1333333
6	2	20	1299675	67	1006	0	32518	1333333
7	2	20	380508	80	1538	0	951127	1333333
8	3	20	536808	73	1156	1849	793301	1333333
9	1	20	8878	94	0	0	1324361	1333333

Type 5 #30 5496 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	10	583243	71	0	0	83352	666666
2	3	10	56843	67	1474	1214	606934	666666
3	1	10	125107	94	0	0	541465	666666
4	2	10	354205	50	1966	0	310395	666666
5	3	10	94840	78	1733	1688	568171	666666
6	1	10	522954	70	0	0	143642	666666
7	3	10	118363	91	1386	1861	544783	666666
8	1	10	402804	78	0	0	263784	666666
9	2	10	598602	100	1942	0	65922	666666
10	1	10	375413	62	0	0	291191	666666
11	2	10	59109	77	1748	0	605655	666666

12	1	10	492942	89	0	0	173635	666666
13	2	10	297172	87	1431	0	367889	666666
14	2	10	5058	94	1264	0	660156	666666
15	2	10	430672	50	1203	0	234691	666666
16	3	10	524358	98	1788	1625	138601	666666
17	1	10	562985	95	0	0	103586	666666
18	2	10	198102	62	1129	0	467311	666666

Type 6 #1 [Back to Summary]									
#01-5530	#02-5331	#03-5558	#04-5504	#05-5491	#06-5366	#07-5553	#08-5506	#09-5360	#10-5469
#11-5513	#12-5448	#13-5298	#14-5297	#15-5441	#16-5313	#17-5386	#18-5320	#19-5676	#20-5701
#21-5292	#22-5645	#23-5262	#24-5290	#25-5269	#26-5345	#27-5602	#28-5541	#29-5462	#30-5356
#31-5501	#32-5419	#33-5616	#34-5379	#35-5276	#36-5534	#37-5401	#38-5373	#39-5306	#40-5435
#41-5326	#42-5618	#43-5574	#44-5697	#45-5394	#46-5717	#47-5316	#48-5261	#49-5378	#50-5333
#51-5497	#52-5595	#53-5620	#54-5488	#55-5288	#56-5617	#57-5323	#58-5524	#59-5490	#60-5409
#61-5500	#62-5265	#63-5299	#64-5256	#65-5699	#66-5353	#67-5573	#68-5655	#69-5273	#70-5644
#71-5648	#72-5267	#73-5268	#74-5503	#75-5633	#76-5417	#77-5337	#78-5296	#79-5635	#80-5282
#81-5283	#82-5591	#83-5427	#84-5396	#85-5594	#86-5641	#87-5538	#88-5390	#89-5348	#90-5404
#91-5470	#92-5611	#93-5615	#94-5637	#95-5669	#96-5317	#97-5571	#98-5565	#99-5723	#100-5301

Type 6 #2 [Back to Summary]									
#01-5403	#02-5388	#03-5716	#04-5458	#05-5410	#06-5476	#07-5573	#08-5367	#09-5582	#10-5607
#11-5535	#12-5276	#13-5615	#14-5456	#15-5371	#16-5634	#17-5575	#18-5640	#19-5393	#20-5312
#21-5542	#22-5435	#23-5562	#24-5608	#25-5429	#26-5286	#27-5379	#28-5359	#29-5556	#30-5570
#31-5567	#32-5492	#33-5292	#34-5589	#35-5602	#36-5619	#37-5595	#38-5684	#39-5698	#40-5357
#41-5309	#42-5407	#43-5518	#44-5454	#45-5580	#46-5430	#47-5717	#48-5398	#49-5503	#50-5277
#51-5457	#52-5656	#53-5412	#54-5662	#55-5473	#56-5692	#57-5547	#58-5352	#59-5273	#60-5368
#61-5338	#62-5461	#63-5534	#64-5259	#65-5288	#66-5293	#67-5709	#68-5275	#69-5585	#70-5485
#71-5290	#72-5624	#73-5668	#74-5283	#75-5252	#76-5385	#77-5644	#78-5355	#79-5278	#80-5723
#81-5301	#82-5704	#83-5583	#84-5526	#85-5364	#86-5642	#87-5330	#88-5360	#89-5365	#90-5636
#91-5317	#92-5488	#93-5658	#94-5574	#95-5266	#96-5577	#97-5599	#98-5509	#99-5421	#100-5536

Type 6 #3 [Back to Summary]									
#01-5447	#02-5689	#03-5543	#04-5272	#05-5714	#06-5563	#07-5711	#08-5379	#09-5654	#10-5338
#11-5301	#12-5444	#13-5332	#14-5278	#15-5327	#16-5365	#17-5602	#18-5259	#19-5622	#20-5377
#21-5687	#22-5598	#23-5638	#24-5672	#25-5421	#26-5528	#27-5686	#28-5342	#29-5264	#30-5404
#31-5513	#32-5383	#33-5662	#34-5466	#35-5525	#36-5331	#37-5413	#38-5559	#39-5537	#40-5523
#41-5650	#42-5671	#43-5428	#44-5274	#45-5580	#46-5592	#47-5401	#48-5624	#49-5496	#50-5629
#51-5699	#52-5582	#53-5609	#54-5293	#55-5570	#56-5567	#57-5300	#58-5591	#59-5574	#60-5433
#61-5597	#62-5619	#63-5363	#64-5499	#65-5544	#66-5646	#67-5498	#68-5588	#69-5471	#70-5720
#71-5677	#72-5291	#73-5442	#74-5347	#75-5443	#76-5263	#77-5419	#78-5614	#79-5343	#80-5545
#81-5376	#82-5311	#83-5561	#84-5358	#85-5426	#86-5653	#87-5487	#88-5621	#89-5615	#90-5680
#91-5281	#92-5533	#93-5706	#94-5351	#95-5648	#96-5280	#97-5550	#98-5644	#99-5446	#100-5659

Type 6 #4 [Back to Summary]									
#01-5338	#02-5534	#03-5399	#04-5504	#05-5678	#06-5655	#07-5388	#08-5513	#09-5571	#10-5558
#11-5397	#12-5410	#13-5500	#14-5276	#15-5304	#16-5539	#17-5303	#18-5256	#19-5329	#20-5624
#21-5406	#22-5611	#23-5703	#24-5523	#25-5689	#26-5385	#27-5312	#28-5345	#29-5427	#30-5419
#31-5437	#32-5503	#33-5420	#34-5412	#35-5466	#36-5575	#37-5641	#38-5313	#39-5407	#40-5498
#41-5518	#42-5705	#43-5297	#44-5306	#45-5536	#46-5600	#47-5287	#48-5680	#49-5295	#50-5364
#51-5702	#52-5555	#53-5573	#54-5556	#55-5506	#56-5456	#57-5562	#58-5605	#59-5543	#60-5545
#61-5598	#62-5291	#63-5341	#64-5404	#65-5375	#66-5628	#67-5719	#68-5342	#69-5541	#70-5461
#71-5629	#72-5716	#73-5581	#74-5560	#75-5357	#76-5428	#77-5564	#78-5648	#79-5717	#80-5340
#81-5347	#82-5358	#83-5292	#84-5309	#85-5443	#86-5613	#87-5661	#88-5593	#89-5634	#90-5258

#91-5262	#92-5284	#93-5495	#94-5594	#95-5633	#96-5470	#97-5618	#98-5623	#99-5660	#100-5638

Type 6 #5 [Back to Summary]									
#01-5603	#02-5672	#03-5389	#04-5561	#05-5463	#06-5710	#07-5699	#08-5262	#09-5442	#10-5328
#11-5619	#12-5635	#13-5606	#14-5446	#15-5441	#16-5485	#17-5723	#18-5279	#19-5689	#20-5493
#21-5686	#22-5376	#23-5433	#24-5528	#25-5445	#26-5583	#27-5467	#28-5709	#29-5650	#30-5610
#31-5533	#32-5660	#33-5713	#34-5331	#35-5460	#36-5394	#37-5690	#38-5455	#39-5566	#40-5449
#41-5628	#42-5641	#43-5387	#44-5546	#45-5357	#46-5345	#47-5399	#48-5297	#49-5390	#50-5385
#51-5471	#52-5579	#53-5651	#54-5407	#55-5666	#56-5474	#57-5486	#58-5580	#59-5356	#60-5598
#61-5491	#62-5714	#63-5326	#64-5551	#65-5513	#66-5678	#67-5643	#68-5519	#69-5705	#70-5290
#71-5512	#72-5508	#73-5424	#74-5481	#75-5582	#76-5288	#77-5706	#78-5604	#79-5408	#80-5338
#81-5421	#82-5410	#83-5560	#84-5505	#85-5380	#86-5674	#87-5257	#88-5548	#89-5378	#90-5716
#91-5632	#92-5348	#93-5335	#94-5687	#95-5681	#96-5636	#97-5554	#98-5557	#99-5280	#100-5398

Type 6 #6 [Back to Summary]									
#01-5428	#02-5606	#03-5317	#04-5350	#05-5600	#06-5682	#07-5399	#08-5417	#09-5549	#10-5626
#11-5490	#12-5599	#13-5416	#14-5268	#15-5423	#16-5323	#17-5396	#18-5550	#19-5413	#20-5564
#21-5672	#22-5344	#23-5382	#24-5718	#25-5380	#26-5409	#27-5422	#28-5470	#29-5526	#30-5668
#31-5460	#32-5391	#33-5577	#34-5258	#35-5644	#36-5552	#37-5347	#38-5469	#39-5637	#40-5438
#41-5530	#42-5570	#43-5252	#44-5493	#45-5478	#46-5287	#47-5667	#48-5324	#49-5521	#50-5616
#51-5498	#52-5262	#53-5400	#54-5449	#55-5463	#56-5331	#57-5477	#58-5321	#59-5695	#60-5444
#61-5518	#62-5660	#63-5621	#64-5610	#65-5418	#66-5342	#67-5275	#68-5407	#69-5351	#70-5601
#71-5701	#72-5658	#73-5642	#74-5705	#75-5283	#76-5354	#77-5339	#78-5620	#79-5497	#80-5341
#81-5473	#82-5340	#83-5676	#84-5639	#85-5427	#86-5451	#87-5719	#88-5376	#89-5528	#90-5561
#91-5320	#92-5274	#93-5505	#94-5448	#95-5649	#96-5596	#97-5679	#98-5369	#99-5315	#100-5378

Type 6 #7 [Back to Summary]									
#01-5262	#02-5507	#03-5699	#04-5646	#05-5637	#06-5562	#07-5346	#08-5422	#09-5411	#10-5356
#11-5715	#12-5578	#13-5555	#14-5597	#15-5696	#16-5419	#17-5709	#18-5703	#19-5432	#20-5693
#21-5350	#22-5617	#23-5606	#24-5513	#25-5516	#26-5669	#27-5403	#28-5443	#29-5304	#30-5408
#31-5398	#32-5692	#33-5542	#34-5360	#35-5327	#36-5682	#37-5366	#38-5274	#39-5722	#40-5581
#41-5344	#42-5540	#43-5686	#44-5415	#45-5564	#46-5471	#47-5444	#48-5621	#49-5469	#50-5474
#51-5608	#52-5690	#53-5657	#54-5342	#55-5275	#56-5363	#57-5618	#58-5430	#59-5374	#60-5685
#61-5400	#62-5623	#63-5361	#64-5250	#65-5672	#66-5268	#67-5283	#68-5446	#69-5514	#70-5260
#71-5301	#72-5679	#73-5707	#74-5569	#75-5591	#76-5528	#77-5649	#78-5441	#79-5667	#80-5295
#81-5478	#82-5503	#83-5697	#84-5549	#85-5521	#86-5429	#87-5285	#88-5447	#89-5332	#90-5683
#91-5313	#92-5653	#93-5614	#94-5281	#95-5426	#96-5449	#97-5427	#98-5687	#99-5463	#100-5544

Type 6 #8 [Back to Summary]									
#01-5440	#02-5250	#03-5358	#04-5462	#05-5423	#06-5651	#07-5712	#08-5338	#09-5479	#10-5470
#11-5436	#12-5428	#13-5486	#14-5329	#15-5464	#16-5623	#17-5654	#18-5537	#19-5449	#20-5499
#21-5709	#22-5563	#23-5354	#24-5553	#25-5672	#26-5364	#27-5310	#28-5677	#29-5393	#30-5399
#31-5350	#32-5689	#33-5704	#34-5375	#35-5582	#36-5481	#37-5398	#38-5492	#39-5381	#40-5601
#41-5445	#42-5669	#43-5694	#44-5593	#45-5507	#46-5610	#47-5426	#48-5542	#49-5545	#50-5531
#51-5519	#52-5620	#53-5491	#54-5692	#55-5565	#56-5603	#57-5618	#58-5529	#59-5511	#60-5301
#61-5587	#62-5282	#63-5667	#64-5320	#65-5359	#66-5468	#67-5443	#68-5348	#69-5472	#70-5710

#71-5467	#72-5408	#73-5394	#74-5575	#75-5294	#76-5284	#77-5594	#78-5488	#79-5292	#80-5307
#81-5661	#82-5497	#83-5377	#84-5589	#85-5609	#86-5454	#87-5441	#88-5260	#89-5539	#90-5702
#91-5584	#92-5596	#93-5699	#94-5319	#95-5261	#96-5403	#97-5252	#98-5622	#99-5477	#100-5278

Type 6 #9 [Back to Summary]									
#01-5411	#02-5323	#03-5316	#04-5561	#05-5309	#06-5355	#07-5470	#08-5643	#09-5642	#10-5526
#11-5261	#12-5383	#13-5487	#14-5453	#15-5372	#16-5343	#17-5630	#18-5332	#19-5447	#20-5633
#21-5275	#22-5439	#23-5548	#24-5501	#25-5377	#26-5606	#27-5443	#28-5326	#29-5567	#30-5619
#31-5286	#32-5701	#33-5258	#34-5266	#35-5627	#36-5590	#37-5431	#38-5549	#39-5530	#40-5506
#41-5715	#42-5532	#43-5347	#44-5260	#45-5692	#46-5455	#47-5361	#48-5499	#49-5680	#50-5648
#51-5507	#52-5650	#53-5422	#54-5574	#55-5255	#56-5700	#57-5504	#58-5546	#59-5434	#60-5428
#61-5639	#62-5392	#63-5330	#64-5277	#65-5490	#66-5290	#67-5375	#68-5473	#69-5557	#70-5513
#71-5644	#72-5335	#73-5533	#74-5671	#75-5647	#76-5472	#77-5342	#78-5539	#79-5536	#80-5654
#81-5496	#82-5673	#83-5373	#84-5649	#85-5363	#86-5367	#87-5528	#88-5413	#89-5262	#90-5657
#91-5334	#92-5610	#93-5362	#94-5349	#95-5594	#96-5578	#97-5450	#98-5318	#99-5498	#100-5661

Type 6 #10 [Back to Summary]									
#01-5329	#02-5613	#03-5670	#04-5420	#05-5254	#06-5423	#07-5368	#08-5481	#09-5653	#10-5510
#11-5607	#12-5694	#13-5264	#14-5513	#15-5658	#16-5693	#17-5271	#18-5410	#19-5635	#20-5372
#21-5485	#22-5683	#23-5458	#24-5624	#25-5422	#26-5281	#27-5698	#28-5430	#29-5326	#30-5319
#31-5273	#32-5272	#33-5290	#34-5600	#35-5567	#36-5605	#37-5724	#38-5674	#39-5637	#40-5663
#41-5721	#42-5299	#43-5484	#44-5474	#45-5294	#46-5366	#47-5589	#48-5569	#49-5413	#50-5618
#51-5548	#52-5291	#53-5406	#54-5376	#55-5418	#56-5373	#57-5403	#58-5296	#59-5722	#60-5699
#61-5453	#62-5660	#63-5402	#64-5579	#65-5489	#66-5583	#67-5652	#68-5385	#69-5667	#70-5303
#71-5692	#72-5321	#73-5498	#74-5696	#75-5375	#76-5441	#77-5450	#78-5708	#79-5578	#80-5309
#81-5411	#82-5371	#83-5263	#84-5435	#85-5496	#86-5707	#87-5582	#88-5630	#89-5438	#90-5449
#91-5459	#92-5677	#93-5673	#94-5656	#95-5467	#96-5311	#97-5611	#98-5619	#99-5713	#100-5429

Type 6 #11 [Back to Summary]									
#01-5433	#02-5459	#03-5628	#04-5363	#05-5652	#06-5483	#07-5517	#08-5435	#09-5250	#10-5704
#11-5647	#12-5418	#13-5430	#14-5666	#15-5540	#16-5325	#17-5646	#18-5697	#19-5340	#20-5502
#21-5724	#22-5270	#23-5675	#24-5472	#25-5569	#26-5263	#27-5365	#28-5556	#29-5481	#30-5314
#31-5545	#32-5548	#33-5718	#34-5403	#35-5598	#36-5674	#37-5467	#38-5622	#39-5500	#40-5259
#41-5439	#42-5397	#43-5634	#44-5452	#45-5523	#46-5284	#47-5497	#48-5264	#49-5373	#50-5385
#51-5383	#52-5644	#53-5535	#54-5460	#55-5426	#56-5409	#57-5509	#58-5401	#59-5521	#60-5638
#61-5361	#62-5685	#63-5680	#64-5659	#65-5406	#66-5345	#67-5423	#68-5277	#69-5313	#70-5589
#71-5583	#72-5274	#73-5446	#74-5330	#75-5309	#76-5575	#77-5356	#78-5475	#79-5676	#80-5541
#81-5492	#82-5350	#83-5434	#84-5341	#85-5656	#86-5621	#87-5262	#88-5513	#89-5702	#90-5438
#91-5417	#92-5312	#93-5355	#94-5592	#95-5615	#96-5487	#97-5450	#98-5703	#99-5295	#100-5422

Type 6 #12 [Back to Summary]									
#01-5582	#02-5471	#03-5671	#04-5510	#05-5530	#06-5362	#07-5449	#08-5451	#09-5398	#10-5584
#11-5302	#12-5284	#13-5456	#14-5705	#15-5397	#16-5264	#17-5503	#18-5588	#19-5255	#20-5513
#21-5337	#22-5644	#23-5301	#24-5607	#25-5419	#26-5519	#27-5641	#28-5581	#29-5439	#30-5554
#31-5373	#32-5381	#33-5426	#34-5500	#35-5682	#36-5268	#37-5406	#38-5649	#39-5541	#40-5544
#41-5422	#42-5538	#43-5355	#44-5366	#45-5382	#46-5383	#47-5591	#48-5375	#49-5443	#50-5608

#51-5707	#52-5593	#53-5697	#54-5509	#55-5333	#56-5666	#57-5420	#58-5315	#59-5339	#60-5262
#61-5453	#62-5600	#63-5260	#64-5574	#65-5463	#66-5650	#67-5589	#68-5683	#69-5276	#70-5379
#71-5586	#72-5579	#73-5296	#74-5441	#75-5336	#76-5528	#77-5537	#78-5661	#79-5474	#80-5286
#81-5660	#82-5514	#83-5391	#84-5566	#85-5573	#86-5511	#87-5410	#88-5645	#89-5412	#90-5266
#91-5572	#92-5335	#93-5557	#94-5526	#95-5342	#96-5556	#97-5525	#98-5507	#99-5639	#100-5464

Type 6 #13 [Back to Summary]									
#01-5523	#02-5629	#03-5351	#04-5309	#05-5267	#06-5377	#07-5542	#08-5507	#09-5422	#10-5537
#11-5381	#12-5488	#13-5573	#14-5305	#15-5331	#16-5663	#17-5455	#18-5423	#19-5724	#20-5672
#21-5485	#22-5668	#23-5517	#24-5258	#25-5535	#26-5494	#27-5276	#28-5497	#29-5347	#30-5511
#31-5251	#32-5275	#33-5274	#34-5260	#35-5489	#36-5282	#37-5412	#38-5336	#39-5554	#40-5449
#41-5696	#42-5631	#43-5471	#44-5605	#45-5614	#46-5337	#47-5496	#48-5503	#49-5444	#50-5406
#51-5353	#52-5357	#53-5519	#54-5690	#55-5703	#56-5586	#57-5366	#58-5345	#59-5505	#60-5502
#61-5354	#62-5297	#63-5414	#64-5641	#65-5545	#66-5361	#67-5467	#68-5571	#69-5553	#70-5304
#71-5509	#72-5378	#73-5608	#74-5538	#75-5702	#76-5590	#77-5448	#78-5646	#79-5375	#80-5452
#81-5252	#82-5508	#83-5303	#84-5670	#85-5413	#86-5628	#87-5487	#88-5312	#89-5284	#90-5637
#91-5647	#92-5319	#93-5565	#94-5299	#95-5350	#96-5656	#97-5469	#98-5567	#99-5320	#100-5514

Type 6 #14 [Back to Summary]									
#01-5592	#02-5656	#03-5680	#04-5389	#05-5628	#06-5701	#07-5475	#08-5708	#09-5712	#10-5368
#11-5380	#12-5445	#13-5692	#14-5298	#15-5495	#16-5569	#17-5717	#18-5466	#19-5473	#20-5633
#21-5588	#22-5403	#23-5527	#24-5634	#25-5384	#26-5431	#27-5538	#28-5549	#29-5425	#30-5297
#31-5358	#32-5612	#33-5570	#34-5590	#35-5579	#36-5317	#37-5541	#38-5637	#39-5283	#40-5430
#41-5393	#42-5501	#43-5320	#44-5635	#45-5494	#46-5439	#47-5342	#48-5505	#49-5522	#50-5496
#51-5659	#52-5723	#53-5327	#54-5400	#55-5638	#56-5432	#57-5369	#58-5288	#59-5251	#60-5443
#61-5407	#62-5649	#63-5526	#64-5662	#65-5256	#66-5488	#67-5597	#68-5347	#69-5440	#70-5421
#71-5274	#72-5326	#73-5433	#74-5290	#75-5490	#76-5335	#77-5332	#78-5619	#79-5386	#80-5672
#81-5337	#82-5282	#83-5275	#84-5658	#85-5366	#86-5365	#87-5537	#88-5419	#89-5682	#90-5398
#91-5671	#92-5508	#93-5636	#94-5567	#95-5271	#96-5476	#97-5702	#98-5385	#99-5625	#100-5257

Type 6 #15 [Back to Summary]									
#01-5569	#02-5719	#03-5314	#04-5350	#05-5472	#06-5579	#07-5539	#08-5288	#09-5639	#10-5548
#11-5353	#12-5480	#13-5629	#14-5306	#15-5357	#16-5376	#17-5621	#18-5596	#19-5542	#20-5616
#21-5683	#22-5428	#23-5396	#24-5293	#25-5479	#26-5498	#27-5418	#28-5591	#29-5266	#30-5267
#31-5362	#32-5673	#33-5715	#34-5384	#35-5348	#36-5343	#37-5695	#38-5653	#39-5436	#40-5514
#41-5551	#42-5495	#43-5504	#44-5382	#45-5292	#46-5441	#47-5601	#48-5580	#49-5461	#50-5627
#51-5575	#52-5355	#53-5567	#54-5261	#55-5299	#56-5393	#57-5573	#58-5270	#59-5598	#60-5700
#61-5412	#62-5675	#63-5272	#64-5624	#65-5440	#66-5407	#67-5490	#68-5499	#69-5682	#70-5259
#71-5405	#72-5694	#73-5414	#74-5280	#75-5317	#76-5442	#77-5652	#78-5265	#79-5251	#80-5295
#81-5628	#82-5563	#83-5381	#84-5370	#85-5423	#86-5254	#87-5359	#88-5704	#89-5335	#90-5686
#91-5502	#92-5676	#93-5312	#94-5466	#95-5360	#96-5605	#97-5478	#98-5610	#99-5667	#100-5614

Type 6 #16 [Back to Summary]									
#01-5674	#02-5352	#03-5622	#04-5450	#05-5471	#06-5606	#07-5669	#08-5537	#09-5672	#10-5583
#11-5462	#12-5555	#13-5267	#14-5551	#15-5323	#16-5570	#17-5542	#18-5629	#19-5451	#20-5430
#21-5300	#22-5509	#23-5409	#24-5721	#25-5487	#26-5448	#27-5636	#28-5677	#29-5650	#30-5432

#31-5690	#32-5290	#33-5321	#34-5361	#35-5339	#36-5519	#37-5664	#38-5651	#39-5616	#40-5530
#41-5307	#42-5536	#43-5278	#44-5469	#45-5465	#46-5663	#47-5656	#48-5476	#49-5382	#50-5503
#51-5304	#52-5567	#53-5397	#54-5480	#55-5561	#56-5407	#57-5665	#58-5624	#59-5688	#60-5266
#61-5698	#62-5718	#63-5607	#64-5479	#65-5617	#66-5415	#67-5478	#68-5626	#69-5454	#70-5522
#71-5627	#72-5610	#73-5257	#74-5642	#75-5368	#76-5481	#77-5473	#78-5666	#79-5496	#80-5545
#81-5513	#82-5394	#83-5534	#84-5383	#85-5372	#86-5360	#87-5608	#88-5563	#89-5520	#90-5652
#91-5578	#92-5285	#93-5695	#94-5594	#95-5557	#96-5312	#97-5649	#98-5510	#99-5569	#100-5292

Type 6 #17 [Back to Summary]									
#01-5430	#02-5277	#03-5266	#04-5583	#05-5602	#06-5413	#07-5560	#08-5482	#09-5357	#10-5326
#11-5657	#12-5722	#13-5374	#14-5387	#15-5474	#16-5540	#17-5429	#18-5470	#19-5351	#20-5505
#21-5534	#22-5644	#23-5352	#24-5537	#25-5672	#26-5593	#27-5651	#28-5382	#29-5330	#30-5306
#31-5559	#32-5687	#33-5340	#34-5456	#35-5369	#36-5494	#37-5392	#38-5683	#39-5519	#40-5695
#41-5535	#42-5383	#43-5458	#44-5450	#45-5721	#46-5587	#47-5639	#48-5556	#49-5375	#50-5272
#51-5614	#52-5433	#53-5418	#54-5318	#55-5490	#56-5514	#57-5650	#58-5455	#59-5637	#60-5258
#61-5488	#62-5425	#63-5399	#64-5296	#65-5496	#66-5696	#67-5631	#68-5643	#69-5265	#70-5706
#71-5398	#72-5471	#73-5676	#74-5379	#75-5693	#76-5400	#77-5435	#78-5624	#79-5541	#80-5331
#81-5675	#82-5341	#83-5254	#84-5305	#85-5421	#86-5371	#87-5522	#88-5269	#89-5692	#90-5581
#91-5570	#92-5659	#93-5293	#94-5510	#95-5459	#96-5354	#97-5709	#98-5409	#99-5682	#100-5278

Type 6 #18 [Back to Summary]									
#01-5678	#02-5722	#03-5536	#04-5396	#05-5597	#06-5390	#07-5481	#08-5284	#09-5353	#10-5337
#11-5328	#12-5272	#13-5643	#14-5552	#15-5308	#16-5394	#17-5425	#18-5343	#19-5605	#20-5369
#21-5431	#22-5614	#23-5675	#24-5414	#25-5388	#26-5470	#27-5429	#28-5421	#29-5653	#30-5586
#31-5419	#32-5274	#33-5668	#34-5513	#35-5381	#36-5681	#37-5533	#38-5582	#39-5440	#40-5277
#41-5620	#42-5486	#43-5640	#44-5603	#45-5503	#46-5546	#47-5263	#48-5469	#49-5452	#50-5313
#51-5661	#52-5617	#53-5530	#54-5567	#55-5575	#56-5315	#57-5296	#58-5375	#59-5258	#60-5382
#61-5695	#62-5314	#63-5359	#64-5496	#65-5648	#66-5303	#67-5331	#68-5386	#69-5426	#70-5356
#71-5588	#72-5566	#73-5634	#74-5577	#75-5478	#76-5673	#77-5700	#78-5322	#79-5636	#80-5565
#81-5456	#82-5686	#83-5696	#84-5587	#85-5652	#86-5524	#87-5471	#88-5349	#89-5660	#90-5311
#91-5630	#92-5406	#93-5570	#94-5299	#95-5307	#96-5551	#97-5373	#98-5401	#99-5687	#100-5451

Type 6 #19 [Back to Summary]									
#01-5465	#02-5606	#03-5297	#04-5345	#05-5454	#06-5344	#07-5709	#08-5678	#09-5342	#10-5630
#11-5346	#12-5699	#13-5468	#14-5417	#15-5653	#16-5259	#17-5348	#18-5498	#19-5566	#20-5371
#21-5558	#22-5703	#23-5448	#24-5356	#25-5447	#26-5429	#27-5716	#28-5578	#29-5516	#30-5643
#31-5545	#32-5548	#33-5364	#34-5435	#35-5351	#36-5572	#37-5634	#38-5597	#39-5384	#40-5555
#41-5540	#42-5513	#43-5257	#44-5278	#45-5693	#46-5657	#47-5663	#48-5405	#49-5374	#50-5299
#51-5459	#52-5602	#53-5554	#54-5563	#55-5615	#56-5485	#57-5406	#58-5668	#59-5622	#60-5273
#61-5352	#62-5380	#63-5413	#64-5423	#65-5329	#66-5520	#67-5587	#68-5280	#69-5312	#70-5330
#71-5350	#72-5477	#73-5365	#74-5260	#75-5552	#76-5292	#77-5696	#78-5424	#79-5389	#80-5518
#81-5494	#82-5564	#83-5458	#84-5469	#85-5439	#86-5671	#87-5719	#88-5527	#89-5547	#90-5594
#91-5412	#92-5690	#93-5700	#94-5358	#95-5453	#96-5410	#97-5347	#98-5565	#99-5669	#100-5425

Type 6 #20 [Back to Summary]									
#01-5320	#02-5632	#03-5342	#04-5289	#05-5675	#06-5709	#07-5490	#08-5546	#09-5262	#10-5571

#11-5516	#12-5713	#13-5531	#14-5358	#15-5506	#16-5519	#17-5649	#18-5673	#19-5710	#20-5390
#21-5526	#22-5310	#23-5457	#24-5447	#25-5643	#26-5383	#27-5496	#28-5252	#29-5533	#30-5388
#31-5665	#32-5384	#33-5473	#34-5685	#35-5441	#36-5584	#37-5464	#38-5413	#39-5512	#40-5450
#41-5424	#42-5418	#43-5513	#44-5699	#45-5321	#46-5422	#47-5404	#48-5593	#49-5577	#50-5656
#51-5485	#52-5397	#53-5575	#54-5529	#55-5621	#56-5259	#57-5419	#58-5616	#59-5363	#60-5543
#61-5458	#62-5486	#63-5265	#64-5601	#65-5630	#66-5374	#67-5484	#68-5573	#69-5639	#70-5651
#71-5299	#72-5481	#73-5405	#74-5507	#75-5690	#76-5350	#77-5525	#78-5479	#79-5369	#80-5467
#81-5702	#82-5633	#83-5395	#84-5600	#85-5626	#86-5514	#87-5539	#88-5676	#89-5308	#90-5429
#91-5402	#92-5578	#93-5292	#94-5697	#95-5719	#96-5664	#97-5398	#98-5637	#99-5314	#100-5666

Type 6 #21 [Back to Summary]									
#01-5662	#02-5559	#03-5678	#04-5649	#05-5602	#06-5251	#07-5715	#08-5315	#09-5561	#10-5511
#11-5457	#12-5661	#13-5486	#14-5620	#15-5562	#16-5546	#17-5334	#18-5387	#19-5696	#20-5363
#21-5569	#22-5533	#23-5503	#24-5448	#25-5483	#26-5446	#27-5433	#28-5432	#29-5513	#30-5273
#31-5675	#32-5609	#33-5410	#34-5430	#35-5531	#36-5385	#37-5681	#38-5473	#39-5720	#40-5624
#41-5521	#42-5465	#43-5354	#44-5523	#45-5700	#46-5468	#47-5330	#48-5392	#49-5376	#50-5411
#51-5581	#52-5266	#53-5666	#54-5679	#55-5340	#56-5369	#57-5299	#58-5474	#59-5407	#60-5398
#61-5539	#62-5527	#63-5525	#64-5542	#65-5567	#66-5578	#67-5494	#68-5298	#69-5333	#70-5419
#71-5599	#72-5587	#73-5388	#74-5316	#75-5570	#76-5345	#77-5423	#78-5708	#79-5476	#80-5262
#81-5360	#82-5287	#83-5302	#84-5346	#85-5417	#86-5657	#87-5669	#88-5460	#89-5337	#90-5405
#91-5332	#92-5455	#93-5309	#94-5575	#95-5331	#96-5722	#97-5670	#98-5550	#99-5687	#100-5372

Type 6 #22 [Back to Summary]									
#01-5701	#02-5283	#03-5310	#04-5683	#05-5544	#06-5722	#07-5596	#08-5592	#09-5363	#10-5719
#11-5669	#12-5319	#13-5721	#14-5398	#15-5286	#16-5495	#17-5469	#18-5427	#19-5371	#20-5629
#21-5628	#22-5287	#23-5684	#24-5652	#25-5336	#26-5392	#27-5517	#28-5550	#29-5707	#30-5565
#31-5406	#32-5603	#33-5270	#34-5353	#35-5289	#36-5333	#37-5703	#38-5347	#39-5525	#40-5423
#41-5309	#42-5325	#43-5350	#44-5349	#45-5463	#46-5266	#47-5460	#48-5638	#49-5531	#50-5564
#51-5501	#52-5492	#53-5428	#54-5304	#55-5471	#56-5662	#57-5322	#58-5383	#59-5599	#60-5407
#61-5455	#62-5295	#63-5611	#64-5521	#65-5566	#66-5316	#67-5297	#68-5619	#69-5366	#70-5677
#71-5518	#72-5380	#73-5624	#74-5673	#75-5572	#76-5556	#77-5661	#78-5588	#79-5445	#80-5317
#81-5657	#82-5602	#83-5268	#84-5399	#85-5320	#86-5639	#87-5436	#88-5692	#89-5608	#90-5352
#91-5259	#92-5575	#93-5475	#94-5379	#95-5693	#96-5262	#97-5442	#98-5551	#99-5506	#100-5401

Type 6 #23 [Back to Summary]									
#01-5696	#02-5563	#03-5528	#04-5576	#05-5297	#06-5375	#07-5593	#08-5472	#09-5456	#10-5637
#11-5250	#12-5453	#13-5659	#14-5531	#15-5466	#16-5573	#17-5273	#18-5463	#19-5447	#20-5651
#21-5609	#22-5329	#23-5259	#24-5264	#25-5669	#26-5665	#27-5626	#28-5497	#29-5707	#30-5554
#31-5367	#32-5359	#33-5334	#34-5300	#35-5346	#36-5347	#37-5324	#38-5421	#39-5349	#40-5668
#41-5295	#42-5684	#43-5487	#44-5699	#45-5351	#46-5532	#47-5642	#48-5664	#49-5629	#50-5373
#51-5716	#52-5698	#53-5354	#54-5579	#55-5509	#56-5612	#57-5551	#58-5513	#59-5630	#60-5361
#61-5471	#62-5342	#63-5490	#64-5621	#65-5515	#66-5610	#67-5374	#68-5605	#69-5432	#70-5376
#71-5496	#72-5575	#73-5369	#74-5506	#75-5601	#76-5650	#77-5565	#78-5283	#79-5640	#80-5389
#81-5270	#82-5688	#83-5587	#84-5583	#85-5559	#86-5395	#87-5258	#88-5473	#89-5507	#90-5448
#91-5511	#92-5529	#93-5505	#94-5713	#95-5435	#96-5678	#97-5433	#98-5582	#99-5423	#100-5450

Type 6 #24 [Back to Summary]									
#01-5410	#02-5283	#03-5480	#04-5511	#05-5596	#06-5387	#07-5580	#08-5567	#09-5702	#10-5586
#11-5296	#12-5520	#13-5603	#14-5494	#15-5338	#16-5512	#17-5475	#18-5632	#19-5309	#20-5372
#21-5608	#22-5620	#23-5347	#24-5707	#25-5581	#26-5691	#27-5315	#28-5380	#29-5316	#30-5654
#31-5457	#32-5711	#33-5576	#34-5431	#35-5700	#36-5713	#37-5453	#38-5329	#39-5717	#40-5425
#41-5537	#42-5415	#43-5498	#44-5650	#45-5404	#46-5719	#47-5653	#48-5263	#49-5621	#50-5655
#51-5444	#52-5531	#53-5521	#54-5303	#55-5572	#56-5513	#57-5660	#58-5491	#59-5648	#60-5625
#61-5319	#62-5442	#63-5493	#64-5293	#65-5370	#66-5307	#67-5666	#68-5413	#69-5517	#70-5349
#71-5301	#72-5393	#73-5636	#74-5602	#75-5554	#76-5433	#77-5363	#78-5417	#79-5547	#80-5585
#81-5280	#82-5297	#83-5478	#84-5382	#85-5452	#86-5647	#87-5434	#88-5523	#89-5578	#90-5429
#91-5295	#92-5683	#93-5398	#94-5335	#95-5354	#96-5339	#97-5641	#98-5454	#99-5528	#100-5344

Type 6 #25 [Back to Summary]									
#01-5303	#02-5488	#03-5470	#04-5522	#05-5601	#06-5301	#07-5623	#08-5644	#09-5473	#10-5389
#11-5399	#12-5491	#13-5674	#14-5314	#15-5592	#16-5269	#17-5692	#18-5364	#19-5568	#20-5450
#21-5600	#22-5392	#23-5562	#24-5335	#25-5298	#26-5347	#27-5718	#28-5550	#29-5500	#30-5466
#31-5521	#32-5641	#33-5620	#34-5449	#35-5534	#36-5523	#37-5556	#38-5687	#39-5508	#40-5401
#41-5275	#42-5516	#43-5296	#44-5437	#45-5283	#46-5539	#47-5259	#48-5340	#49-5469	#50-5337
#51-5375	#52-5531	#53-5613	#54-5325	#55-5471	#56-5639	#57-5655	#58-5384	#59-5472	#60-5505
#61-5309	#62-5322	#63-5395	#64-5255	#65-5598	#66-5486	#67-5602	#68-5468	#69-5509	#70-5320
#71-5438	#72-5253	#73-5585	#74-5416	#75-5424	#76-5334	#77-5349	#78-5374	#79-5300	#80-5495
#81-5341	#82-5637	#83-5331	#84-5418	#85-5350	#86-5719	#87-5280	#88-5554	#89-5708	#90-5631
#91-5606	#92-5425	#93-5467	#94-5257	#95-5353	#96-5684	#97-5380	#98-5291	#99-5580	#100-5536

Type 6 #26 [Back to Summary]									
#01-5665	#02-5513	#03-5558	#04-5400	#05-5622	#06-5368	#07-5672	#08-5443	#09-5625	#10-5386
#11-5539	#12-5527	#13-5332	#14-5709	#15-5416	#16-5403	#17-5717	#18-5704	#19-5637	#20-5597
#21-5452	#22-5299	#23-5486	#24-5604	#25-5444	#26-5267	#27-5512	#28-5572	#29-5317	#30-5467
#31-5683	#32-5301	#33-5523	#34-5498	#35-5547	#36-5545	#37-5319	#38-5652	#39-5510	#40-5696
#41-5293	#42-5561	#43-5641	#44-5567	#45-5331	#46-5316	#47-5336	#48-5477	#49-5563	#50-5664
#51-5688	#52-5390	#53-5375	#54-5694	#55-5318	#56-5611	#57-5273	#58-5675	#59-5678	#60-5599
#61-5577	#62-5347	#63-5372	#64-5406	#65-5427	#66-5483	#67-5252	#68-5555	#69-5410	#70-5593
#71-5333	#72-5310	#73-5438	#74-5663	#75-5550	#76-5617	#77-5382	#78-5644	#79-5518	#80-5374
#81-5656	#82-5281	#83-5259	#84-5378	#85-5500	#86-5536	#87-5648	#88-5551	#89-5428	#90-5658
#91-5515	#92-5363	#93-5700	#94-5632	#95-5362	#96-5673	#97-5433	#98-5478	#99-5387	#100-5569

Type 6 #27 [Back to Summary]									
#01-5316	#02-5502	#03-5320	#04-5692	#05-5581	#06-5624	#07-5677	#08-5436	#09-5391	#10-5427
#11-5478	#12-5354	#13-5403	#14-5553	#15-5669	#16-5545	#17-5337	#18-5721	#19-5627	#20-5613
#21-5561	#22-5421	#23-5377	#24-5476	#25-5322	#26-5690	#27-5339	#28-5528	#29-5548	#30-5605
#31-5431	#32-5625	#33-5505	#34-5676	#35-5306	#36-5405	#37-5688	#38-5289	#39-5520	#40-5602
#41-5585	#42-5460	#43-5410	#44-5252	#45-5429	#46-5414	#47-5691	#48-5392	#49-5693	#50-5543
#51-5583	#52-5440	#53-5579	#54-5496	#55-5258	#56-5618	#57-5368	#58-5566	#59-5617	#60-5615
#61-5530	#62-5393	#63-5611	#64-5506	#65-5719	#66-5574	#67-5569	#68-5447	#69-5486	#70-5509
#71-5578	#72-5292	#73-5444	#74-5271	#75-5276	#76-5346	#77-5260	#78-5372	#79-5296	#80-5638
#81-5250	#82-5670	#83-5559	#84-5254	#85-5273	#86-5716	#87-5295	#88-5259	#89-5667	#90-5417

#91-5286	#92-5371	#93-5399	#94-5635	#95-5324	#96-5442	#97-5573	#98-5632	#99-5261	#100-5576

Type 6 #28 [Back to Summary]									
#01-5567	#02-5488	#03-5629	#04-5426	#05-5689	#06-5537	#07-5716	#08-5557	#09-5468	#10-5632
#11-5606	#12-5721	#13-5517	#14-5707	#15-5613	#16-5585	#17-5555	#18-5607	#19-5481	#20-5252
#21-5529	#22-5562	#23-5500	#24-5320	#25-5472	#26-5452	#27-5621	#28-5536	#29-5675	#30-5560
#31-5492	#32-5352	#33-5364	#34-5436	#35-5312	#36-5478	#37-5288	#38-5380	#39-5285	#40-5450
#41-5250	#42-5454	#43-5508	#44-5284	#45-5534	#46-5289	#47-5578	#48-5409	#49-5265	#50-5451
#51-5603	#52-5688	#53-5385	#54-5255	#55-5294	#56-5251	#57-5705	#58-5556	#59-5672	#60-5475
#61-5644	#62-5418	#63-5609	#64-5635	#65-5378	#66-5498	#67-5600	#68-5327	#69-5647	#70-5376
#71-5546	#72-5420	#73-5573	#74-5281	#75-5254	#76-5329	#77-5308	#78-5467	#79-5512	#80-5437
#81-5614	#82-5453	#83-5526	#84-5465	#85-5690	#86-5538	#87-5695	#88-5361	#89-5399	#90-5317
#91-5504	#92-5456	#93-5430	#94-5535	#95-5543	#96-5554	#97-5583	#98-5610	#99-5636	#100-5286

Type 6 #29 [Back to Summary]									
#01-5411	#02-5500	#03-5496	#04-5610	#05-5633	#06-5425	#07-5364	#08-5355	#09-5252	#10-5690
#11-5670	#12-5485	#13-5292	#14-5481	#15-5594	#16-5436	#17-5621	#18-5385	#19-5669	#20-5570
#21-5532	#22-5486	#23-5647	#24-5577	#25-5599	#26-5336	#27-5714	#28-5287	#29-5463	#30-5422
#31-5471	#32-5424	#33-5565	#34-5475	#35-5278	#36-5357	#37-5685	#38-5643	#39-5560	#40-5512
#41-5416	#42-5585	#43-5359	#44-5437	#45-5368	#46-5268	#47-5413	#48-5682	#49-5664	#50-5349
#51-5655	#52-5441	#53-5660	#54-5306	#55-5478	#56-5649	#57-5575	#58-5641	#59-5259	#60-5542
#61-5434	#62-5324	#63-5615	#64-5549	#65-5462	#66-5494	#67-5642	#68-5538	#69-5448	#70-5483
#71-5473	#72-5705	#73-5547	#74-5399	#75-5392	#76-5674	#77-5369	#78-5454	#79-5453	#80-5582
#81-5648	#82-5281	#83-5342	#84-5354	#85-5498	#86-5282	#87-5493	#88-5514	#89-5724	#90-5347
#91-5510	#92-5289	#93-5632	#94-5267	#95-5320	#96-5339	#97-5697	#98-5537	#99-5700	#100-5602

Type 6 #30 [Back to Summary]									
#01-5350	#02-5602	#03-5479	#04-5428	#05-5603	#06-5677	#07-5617	#08-5502	#09-5633	#10-5530
#11-5522	#12-5367	#13-5434	#14-5401	#15-5622	#16-5402	#17-5702	#18-5501	#19-5304	#20-5431
#21-5251	#22-5381	#23-5542	#24-5343	#25-5703	#26-5437	#27-5317	#28-5531	#29-5330	#30-5303
#31-5700	#32-5565	#33-5485	#34-5581	#35-5478	#36-5292	#37-5529	#38-5648	#39-5484	#40-5546
#41-5388	#42-5714	#43-5601	#44-5442	#45-5557	#46-5385	#47-5580	#48-5476	#49-5369	#50-5647
#51-5362	#52-5440	#53-5477	#54-5515	#55-5604	#56-5691	#57-5307	#58-5379	#59-5450	#60-5413
#61-5611	#62-5333	#63-5418	#64-5577	#65-5558	#66-5685	#67-5612	#68-5582	#69-5652	#70-5575
#71-5599	#72-5299	#73-5267	#74-5487	#75-5287	#76-5262	#77-5506	#78-5345	#79-5514	#80-5566
#81-5585	#82-5563	#83-5403	#84-5408	#85-5668	#86-5508	#87-5329	#88-5697	#89-5708	#90-5510
#91-5710	#92-5390	#93-5441	#94-5313	#95-5662	#96-5296	#97-5541	#98-5273	#99-5616	#100-5596

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