

	D: Q78-ZXHNH198A
Project No.: 1Equipment: HModel Name: ZApplicant: ZAddress: ZH	509C188 Iome Gateway XHN H198A TE CORPORATION TE Plaza, Keji Road South, Hi-Tech Road South Ii-Tech Industrial Park Nanshan District, Shenzhen, Guangdong 518057 China
Date of Test : S Issued Date : D	ep. 14, 2015 ep. 14, 2015 ~ Dec. 07, 2015 ec. 08, 2015 TL Inc.
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#### Declaration

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.** 

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#### Limitation

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### **REPORT ISSUED HISTORY**

Issued No.	Description	Issued Date
BTL-FCCP-3-1509C188	Original Issue.	Dec. 08, 2015



## **1. CERTIFICATION**

Equipment Brand Name	:Home Gateway :ZTE, ZTE 中兴
Model Name	: ZXHN H198A
Applicant	: ZTE CORPORATION
Manufacturer	: ZTE CORPORATION
Address	: ZTE Plaza, Keji Road South, Hi-Tech Road South Hi-Tech Industrial Park
	Nanshan District, Shenzhen, Guangdong 518057 China
Factory	: Compal Networking(KunShan)Co.,LTD.
Address	: 520 Nanbang Road. Economic& Technical development Zone
	kunshan.Jiangsu
Date of Test:	: Sep. 14, 2015 ~ Dec. 07, 2015
Test Sample	: Engineering Sample
Standard(s)	: FCC Part 15, Subpart E (Section 15.407)
	FCC KDB 789033 D02 General UNII Test Procedures New Rules v01
	905462 D02 UNII DFS Compliance Procedures New Rules v01r02
	•

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-3-1509C188) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

### Test result included in this report is only for the DFS Mode part of the product.



## **2. EUT INFORMATION**

### 2.1EUT SPECIFICATION TABLE

Table 1: Specification of EUT

Product name	Home Gateway	
Brand Name	ZTE, ZTE 中兴	
Model	ZXHN H198A	
Operational Mode	Master	
Operating FrequencyRange	5260~5320MHz&5500~5700MHz	
Modulation	OFDM	

Note: This device was functioned as a Master Slave device during the DF

### 2.2 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	COCOMM	W5G-C03-L	Internal	N/A	2.8
2	COCOMM	W5G-C03-L	Internal	N/A	2.8

Note:

1. The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).



### 2.3 CONDUCTED OUTPUT POWER AND EIRP POWER

### TABLE 3: THE CONDUCTED OUTPUT POWER LIST

## TX (11a)

FREQUENCY	MAX. POWER		
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)	
5260~5320	19.70	93.33	
5500~5700	19.58	90.78	

## TX (11n 40MHz)

FREQUENCY	MAX. POWER	
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
5270~5310	21.89	154.53
5510~5670	21.73	148.94

# TX (11ac 8<u>0 MHz)</u>

FREQUENCY	MAX. POWER		
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)	
5290	20.93	123.88	
5530	23.55	226.46	

### 2.4 EUT MAXIMUM AND MINIMUM E.I.R.P. POWER

#### TABLE 4: THE MAX EIRP LIST

## TX (11a)

FREQUENCY	MAX. POWER		
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)	
5260~5320	22.50	177.83	
5500~5700	22.38	172.98	

## TX (11n40MHz)

FREQUENCY	MAX. POWER		
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)	
5270~5310	24.69	294.44	
5510~5670	24.53	283.79	

# TX (11ac 8<u>0 MHz)</u>

FREQUENCY	MAX. POWER		
BAND (MHz)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)	
5290	23.73	236.05	
5530	26.35	431.52	



## 3.U-NII DFS RULE REQUIREMENTS

#### 3.1 WORKING MODES AND REQUIRED TEST ITEMS

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 1 and 2 for the applicability of DFS requirements for each of the operational modes.

Table 5: Applicability of DFS requirements prior to use a channel

		e	
Requirement	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	~	Not required	~
DFS Detection Threshold	$\checkmark$	Not required	~
Channel Availability Check Time	~	Not required	Not required
Uniform Spreading	$\checkmark$	Not required	Not required
U-NII Detection Bandwidth	~	Not required	~

Table 6: Applicability of DFS requirements during normal operation.

		Operational Mod	e
Requirement	Master	Client without radar detection	Client with radar detection
DFS Detection Threshold	~	Not required	✓
Channel Closing Transmission Time	~	~	~
Channel Move Time	$\checkmark$	$\checkmark$	~
U-NII Detection Bandwidth	~	Not required	~



### 3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

### **DETECTION THRESHOLD VALUES**

Table 7: DFS Detection Thresholds for Master Devices and Client Devices WithRadar Detection.

Maximum Transmit Power	Value
	(See Notes 1 and 2)
EIRP≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and	
power spectral 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.

**Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.



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

### Table 8: DFS Response Requirement Values

**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.



### PARAMETERS OF DFS TEST SIGNALS

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.

Radar	Pulse	PRI	Number of Pulses	Minimum	Minimum
Туре	Width	(µsec)		Percentage of	Number
	(µsec)			Successful	of
				Detection	Trials
0	1	1428	18	See Note 1	See Note
					1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values	$\operatorname{Roundup} \begin{cases} \left(\frac{1}{360}\right) \\ \left(\frac{19 \cdot 10^{6}}{\operatorname{PRI}_{\mu \operatorname{sec}}}\right) \end{cases}$	60%	30
2	1-5	selected in Test A 150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
-	(Radar Types		12-10	80%	120

Tahle Q.	Short	Pulse	Radar	Test	Waveforms.
	Onore	1 0130	ruuui	1000	vavoionno.

**Note 1:** Short Pulse Radar 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.



	Table 10: Long Pulse Radar Test Waveform						
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Numberof Pulsesper Burst	Numberof Bursts	Minimum Percentage of Successful Detection	Minimum Number ofTrials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 11: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Numberof Pulsesper Burst	Numberof Bursts	Minimum Percentage of Successful Detection	Minimum Number ofTrials
6	1	333	9	0.333	300	70%	30

# 4. TEST INSTRUMENTS

Table 1: Test instruments list
--------------------------------

DESCRIPTION	MANUFACTURER	MODEL NO.	Serial No	Calibration Until
EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Mar. 28, 2016
Signal Generator	Agilent	E4438C	MY49071316	Mar. 28, 2016
POWER SPLITTER	Mini-Circuits	ZFRSC-123-S+	331000910-1	Mar. 17, 2016
POWER SPLITTER	Mini-Circuits	ZN4PD1-63-S+	SF9335D1045-1	Mar. 04, 2016
Attenuator	WOKEN	6SM3502	VAS1214NL	Mar. 10, 2016
Spectrum Analyzer	R&S	FSL 6	100423	Nov. 01, 2016

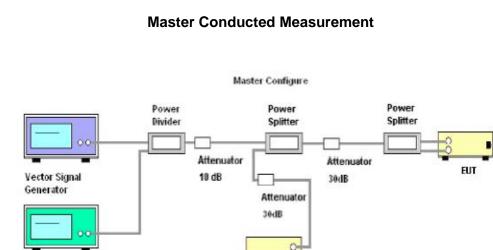
Note: Calibration interval of instruments listed above is one year.



### **5.EMC EMISSION TEST**

#### 5.1DFS MEASUREMENT SYSTEM:

#### CONDUCTED METHOD SYSTEM BLOCK DIAGRAM



#### SYSTEM OVERVIEW

Spectrum Analyzer

The short pulse and long pulse signal generating system utilizes the NTIA software. The Vector Signal Generator has been validated by the NTIA. The hopping signal generating system utilizes the CCS simulated hopping method and system, which has been validated by the DoD, FCC and NTIA. The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution.

Client

The short pulse types 2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time.



The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the August 2005 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of FCC 06-96. The frequency of the signal generator is incremented in 1 MHz steps from FL to FH for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer set to display 8001 bins on the horizontal axis. The time-domain resolution is 2 msec / bin with a 16 second sweep time, meeting the 10 second short pulse reporting criteria. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

Should multiple RF ports be utilized for the Master and/or Slave devices (for example, for diversity or MIMO implementations), additional combiner/dividers are inserted between the Master Combiner/Divider and the pad connected to the Master Device (and/or between the Slave Combiner/Divider and the pad connected to the Slave Device). Additional pads are utilized such that there is one pad at each RF port on each EUT.



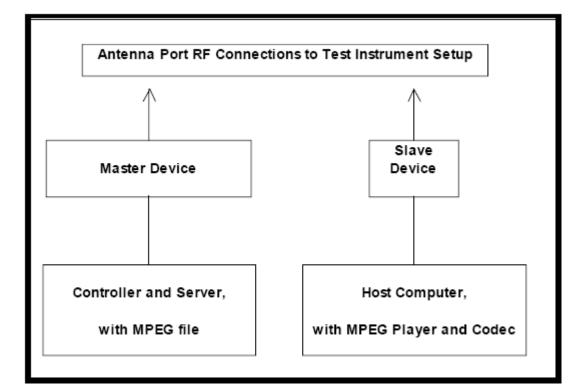
### 5.2CALIBRATION OF DFS DETECTION THRESHOLD LEVEL:

A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected in place of the master device and the signal generator is set to CW mode. The amplitude of the signal generator is adjusted to yield a level of -62 dBm as measured on the spectrum analyzer.

Without changing any of the instrument settings, the spectrum analyer is reconnected to the Common port of the Spectrum Analyzer Combiner/Divider. Measure the amplitude and calculate the difference from –62 dBm. Adjust the Reference Level Offset of the spectrum analyzer to this difference.

The spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device. The interference detection threshold may be varied from the calibrated value of –62 dBm and the spectrum analyzer will still indicate the level as received by the Master Device.

Set the signal generator to produce a radar waveform, trigger a burst manually and measure the level on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold. Separate signal generator amplitude settings are determined as required for each radar type.



### 5.3 DEVIATION FROM TEST STANDARD

No deviation.



# 6. TEST RESULTS

## 6.1 SUMMARY OF TEST RESULT

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Applicable	Pass
15.407	Channel Availability Check Time	Applicable	Pass
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non- Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Applicable	Pass
15.407	U-NII Detection Bandwidth	Applicable	Pass



### 6.2 DETELED TEST RESULTS

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Applicable	Pass
15.407	Channel Availability Check Time	Applicable	Pass
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non- Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Applicable	Pass
15.407	U-NII Detection Bandwidth	Applicable	Pass

### 6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

Master with injection at the Master. (Radar Test Waveforms are injected into the Master)

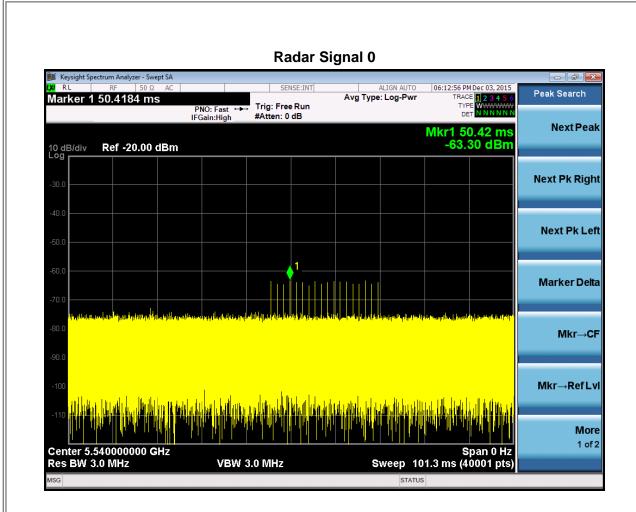
### 6.2.2 DFS DETECTION THRESHOLD

Calibration:

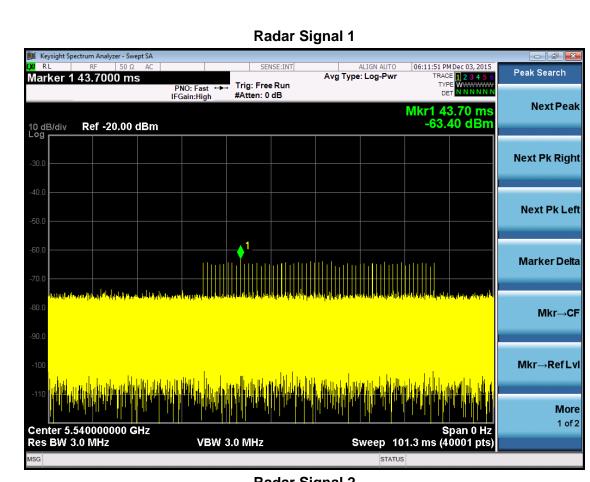
For a detection threshold level of -64dBmand the Master antenna gain is 2.8dBi, required detection threshold is -61.2 dBm (= -64+2.8).

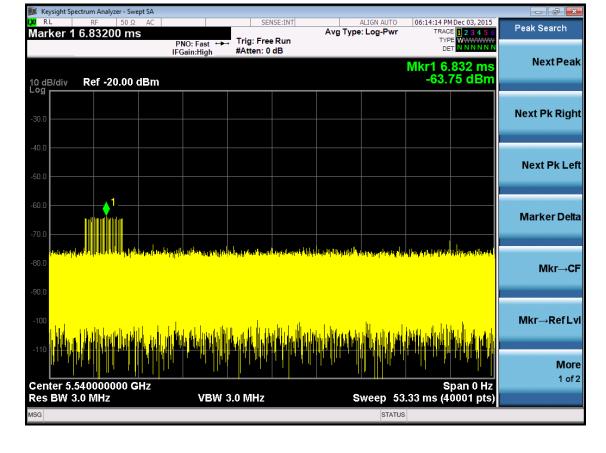
Note: Maximum Transmit Power is more than 200 milliwatt in this report, so detection threshold level is -64dBm (please refer to Table 7 [page 9]).



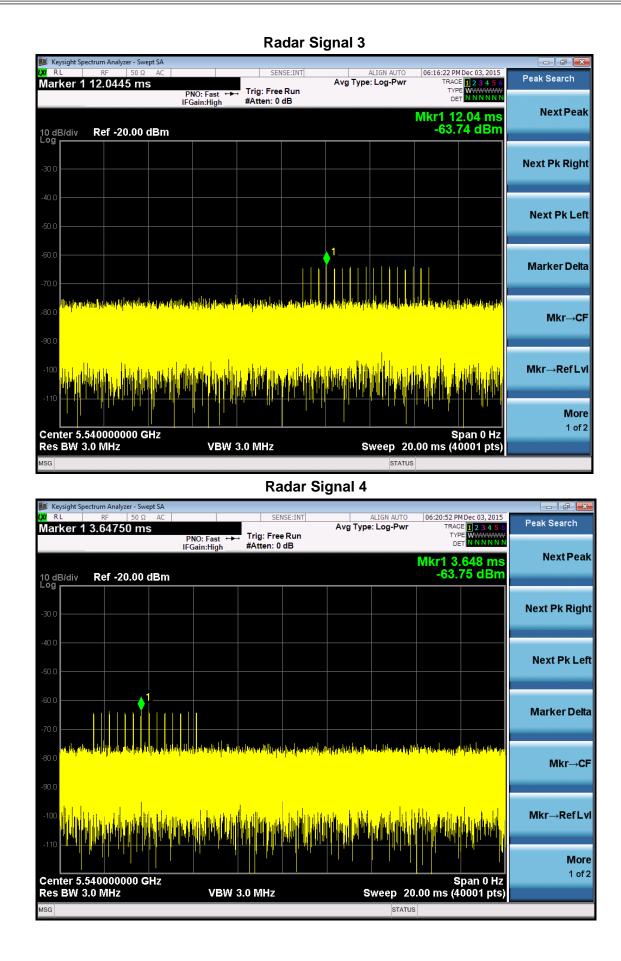




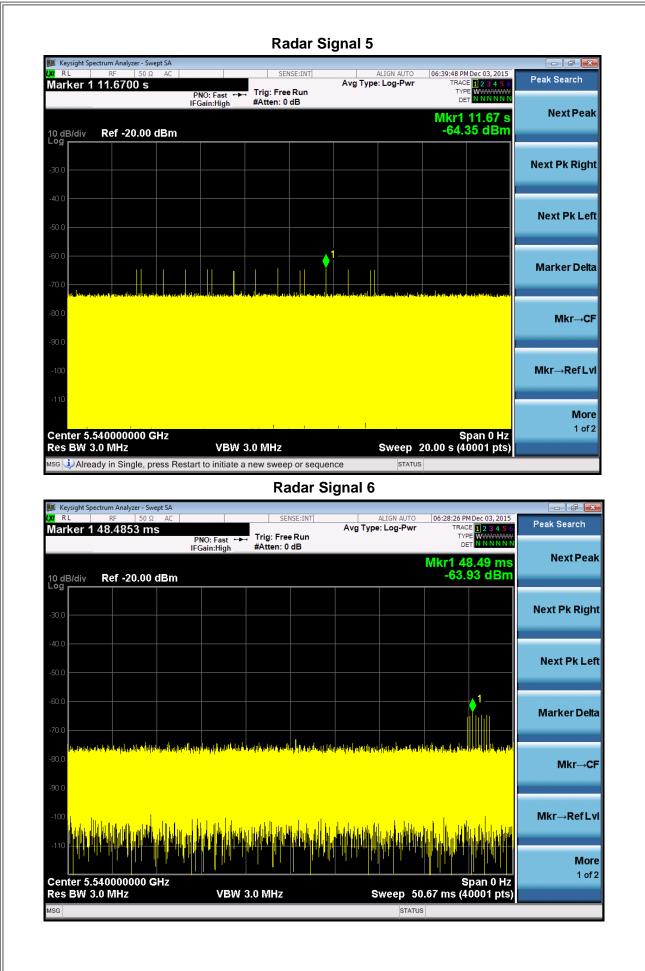












Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefirm Length (us)
0	Туре 0	1	1428 18		25704
1	Туре 0	1	1428	18	25704
2	Туре 0	1	1428	18	25704
3	Туре 0	1	1428	18	25704
4	Туре 0	1	1428	18	25704
5	Туре 0	1	1428	18	25704
6	Туре 0	1	1428	18	25704
7	Туре 0	1	1428	18	25704
8	Туре 0	1	1428	18	25704
9	Туре 0	1	1428	18	25704
10	Туре 0	1	1428	18	25704
11	Туре 0	1	1428	18	25704
12	Туре 0	1	1428	18	25704
13	Туре 0	1	1428	18	25704
14	Туре 0	1	1428	18	25704
15	Туре 0	1	1428	18	25704
16	Туре 0	1	1428	18	25704
17	Туре 0	1	1428	18	25704
18	Туре 0	1	1428	18	25704
19	Туре 0	1	1428	18	25704
20	Туре 0	1	1428	18	25704
21	Туре 0	1	1428	18	25704
22	Туре 0	1	1428	18	25704
23	Туре 0	1	1428	18	25704
24	Туре 0	1	1428	18	25704
25	Туре 0	1	1428	18	25704
26	Туре 0	1	1428	18	25704
27	Туре 0	1	1428	18	25704
28	Туре 0	1	1428	18	25704
29	Туре 0	1	1428	18	25704

Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefirm Length (us)
0	Type 1	1 938 57		57	53466
1	Type 1	1	698	76	53048
2	Type 1	1	618	86	53148
3	Type 1	1	538	99	53262
4	Type 1	1	878	61	53558
5	Type 1	1	3066	18	55188
6	Type 1	1	638	83	52954
7	Type 1	1	918	58	53244
8	Type 1	1	838	63	52794
9	Type 1	1	858	62	53196
10	Type 1	1	798	67	53466
11	Type 1	1	718	74	53132
12	Type 1	1	578	92	53176
13	Type 1	1	598	89	53222
14	Type 1	1	558	95	53010
15	Type 1	1	2536	21	53256
16	Type 1	1	966	55	53130
17	Type 1	1	827	64	52928
18	Type 1	1	2501	22	55022
19	Type 1	1	2595	21	54495
20	Type 1	1	1114	48	53472
21	Type 1	1	1302	41	53382
22	Type 1	1	3045	18	54810
23	Type 1	1	1624	33	53592
24	Type 1	1	2878	19	54682
25	Type 1	1	1027	52	53404
26	Type 1	1	2485	22	54670
27	Type 1	1	1600	33	52800
28	Type 1	1	1172	46	53912
29	Type 1	1	1177	45	52965

Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefirm Length (us)
0	Type 2	3.2	179	26	4654
1	Type 2	1.1	207	23	4761
2	Туре 2	2.1	230	24	5520
3	Type 2	4.8	200	29	5800
4	Type 2	3.9	214	28	5992
5	Type 2	2.9	222	26	5772
6	Type 2	3.2	204	26	5304
7	Type 2	2.5	192	25	4800
8	Type 2	3.1	164	26	4264
9	Type 2	1.2	156	23	3588
10	Type 2	3.9	210	27	5670
11	Type 2	4.6	201	29	5829
12	Type 2	3.2	162	26	4212
13	Type 2	2.2	197	25	4925
14	Type 2	4.5	163	29	4727
15	Type 2	3	203	26	5278
16	Type 2	5	168	29	4872
17	Type 2	2.4	217	25	5425
18	Type 2	2.9	191	26	4966
19	Type 2	2.3	166	25	4150
20	Type 2	3.7	150	27	4050
21	Type 2	2.2	176	25	4400
22	Type 2	4.9	195	29	5655
23	Type 2	2.9	202	26	5252
24	Type 2	2.5	178	25	4450
25	Type 2	1.1	206	23	4738
26	Type 2	3.8	155	27	4185
27	Type 2	4.7	157	29	4553
28	Type 2	2.4	224	25	5600
29	Type 2	4.2	159	28	4452

Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefirm Length (us)
0	Туре 3	8.2	355	17	6035
1	Туре 3	6.1	487	16	7792
2	Туре 3	7.1	344	16	5504
3	Туре 3	9.8	288	18	5184
4	Туре 3	8.9	230	18	4140
5	Туре 3	7.9	432	17	7344
6	Туре 3	8.2	207	17	3519
7	Туре 3	7.5	443	17	7531
8	Туре 3	8.1	439	17	7463
9	Туре 3	6.2	223	16	3568
10	Туре 3	8.9	208	18	3744
11	Туре 3	9.6	463	18	8334
12	Туре 3	8.2	441	17	7497
13	Туре 3	7.2	323	16	5168
14	Туре 3	9.5	297	18	5346
15	Туре 3	8	412	17	7004
16	Туре 3	10	324	18	5832
17	Туре 3	7.4	271	17	4607
18	Туре 3	7.9	349	17	5933
19	Туре 3	7.3	409	16	6544
20	Туре 3	8.7	373	18	6714
21	Туре 3	7.2	254	16	4064
22	Туре 3	9.9	274	18	4932
23	Туре 3	7.9	278	17	4726
24	Туре 3	7.5	317	17	5389
25	Туре 3	6.1	260	16	4160
26	Туре 3	8.8	211	18	3798
27	Туре 3	9.7	272	18	4896
28	Туре 3	7.4	264	17	4488
29	Туре 3	9.2	284	18	5112

Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefirm Length (us)
0	Туре 4	16	355	14	4970
1	Type 4	11.3	487	12	5844
2	Type 4	13.5	344	13	4472
3	Туре 4	19.4	288	16	4608
4	Type 4	17.5	230	15	3450
5	Type 4	15.3	432	14	6048
6	Туре 4	15.9	207	14	2898
7	Type 4	14.3	443	13	5759
8	Туре 4	15.8	439	14	6146
9	Туре 4	11.5	223	12	2676
10	Type 4	17.4	208	15	3120
11	Туре 4	19	463	16	7408
12	Туре 4	16	441	14	6174
13	Type 4	13.8	323	13	4199
14	Туре 4	18.9	297	16	4752
15	Туре 4	15.5	412	14	5768
16	Type 4	19.9	324	16	5184
17	Type 4	14.1	271	13	3523
18	Туре 4	15.2	349	14	4886
19	Type 4	13.8	409	13	5317
20	Туре 4	17.1	373	15	5595
21	Type 4	13.8	254	13	3302
22	Type 4	19.8	274	16	4384
23	Type 4	15.3	278	14	3892
24	Туре 4	14.5	317	13	4121
25	Type 4	11.3	260	12	3120
26	Type 4	17.3	211	15	3165
27	Type 4	19.2	272	16	4352
28	Type 4	14.2	264	13	3432
29	Туре 4	18.2	284	15	4260

Trual ID	Radar Typo	Pulse Width (us)	PRI (us)	Number of Pulses
0	Type 5	15	0.8	12
1	Type 5	8	1.5	12
2	Туре 5	11	1.0909091	12
3	Туре 5	20	0.6	12
4	Туре 5	17	0.7058824	12
5	Type 5	14	0.8571429	12
6	Type 5	15	0.8	12
7	Туре 5	12	1	12
8	Туре 5	14	0.8571429	12
9	Туре 5	8	1.5	12
10	Туре 5	17	0.7058824	12
11	Туре 5	19	0.6315789	12
12	Type 5	15	0.8	12
13	Туре 5	12	1	12
14	Туре 5	19	0.6315789	12
15	Type 5	14	0.8571429	12
16	Type 5	20	0.6	12
17	Type 5	12	1	12
18	Туре 5	14	0.8571429	12
19	Туре 5	12	1	12
20	Туре 5	16	0.75	12
21	Type 5	12	1	12
22	Type 5	20	0.6	12
23	Type 5	14	0.8571429	12
24	Type 5	13	0.9230769	12
25	Type 5	8	1.5	12
26	Type 5	17	0.7058824	12
27	Туре 5	19	0.6315789	12
28	Type 5	12	1	12
29	Туре 5	18	0.6666667	12



Trual ID	Radar Typo	Pulse Width (μs)	PRI (µs)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Number of Pulses
0	Type 6	1	333.3	9	0.3333	300	16
1	Type 6	1	333.3	9	0.3333	300	10
2	Type 6	1	333.3	9	0.3333	300	14
3	Type 6	1	333.3	9	0.3333	300	19
4	Type 6	1	333.3	9	0.3333	300	15
5	Type 6	1	333.3	9	0.3333	300	18
6	Type 6	1	333.3	9	0.3333	300	14
7	Type 6	1	333.3	9	0.3333	300	14
8	Type 6	1	333.3	9	0.3333	300	21
9	Type 6	1	333.3	9	0.3333	300	15
10	Type 6	1	333.3	9	0.3333	300	16
11	Type 6	1	333.3	9	0.3333	300	24
12	Type 6	1	333.3	9	0.3333	300	13
13	Type 6	1	333.3	9	0.3333	300	20
14	Type 6	1	333.3	9	0.3333	300	17
15	Type 6	1	333.3	9	0.3333	300	20
16	Type 6	1	333.3	9	0.3333	300	16
17	Type 6	1	333.3	9	0.3333	300	18
18	Type 6	1	333.3	9	0.3333	300	14
19	Type 6	1	333.3	9	0.3333	300	16
20	Type 6	1	333.3	9	0.3333	300	20
21	Type 6	1	333.3	9	0.3333	300	19
22	Type 6	1	333.3	9	0.3333	300	23
23	Type 6	1	333.3	9	0.3333	300	17
24	Type 6	1	333.3	9	0.3333	300	16
25	Type 6	1	333.3	9	0.3333	300	13
26	Type 6	1	333.3	9	0.3333	300	13
27	Type 6	1	333.3	9	0.3333	300	18
28	Type 6	1	333.3	9	0.3333	300	19
29	Type 6	1	333.3	9	0.3333	300	20

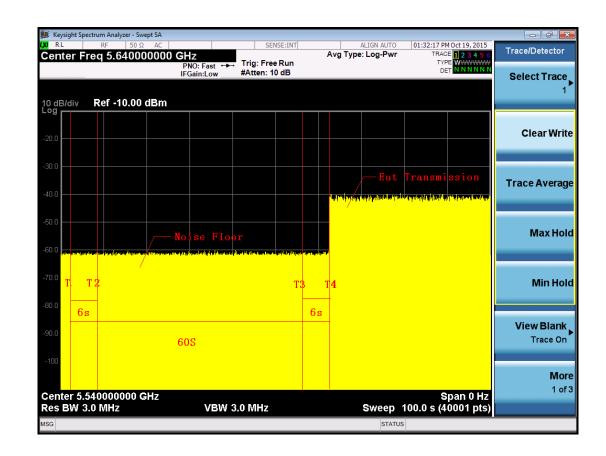


### 6.2.3 CHANNEL AVAILABILITY CHECK TIME

If the UUT successfully detected the radar burst, it should be observed as the UUT has no transmissions occurred until the UUT starts transmitting on another channel.

#### 11a Mode

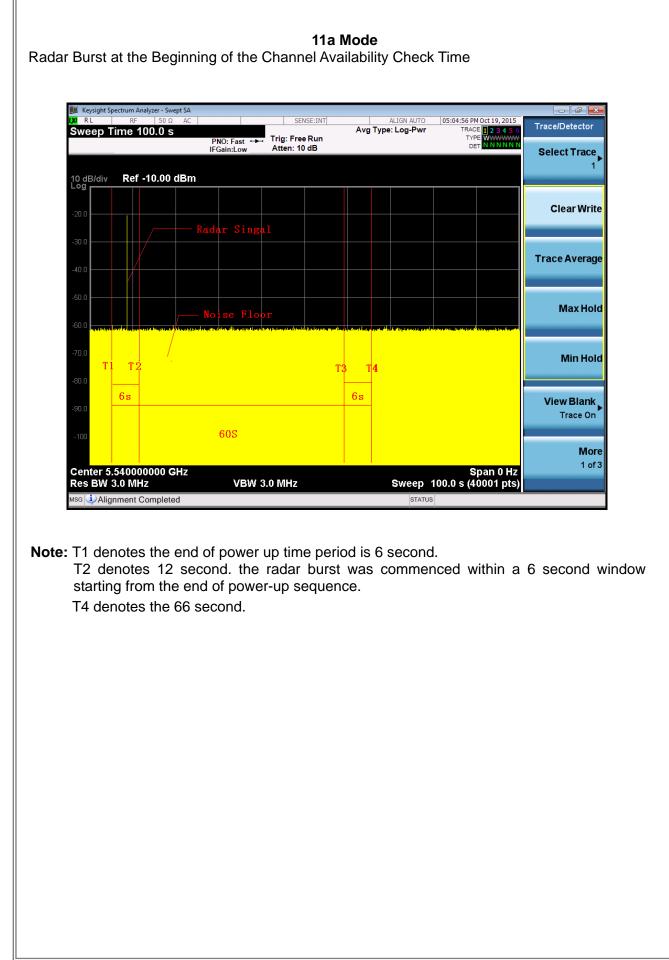
Initial Channel Availability Check Time



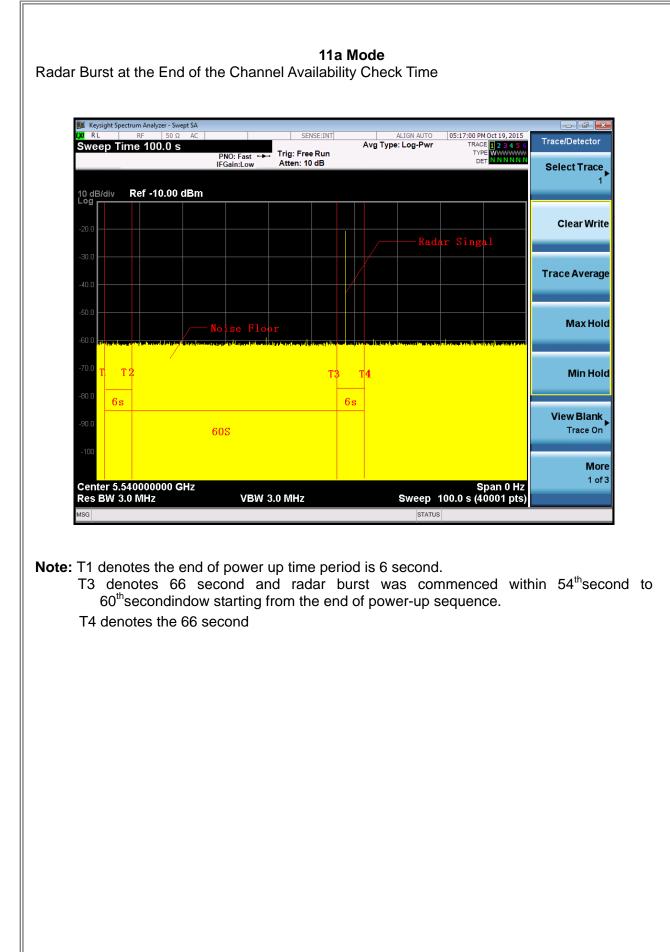
**Note:**T1 denotes the end of power-up time period is 6 second.

T4 denotes the end of Channel Availability Check time is 66 second. Channel Availability Check time is equal to (T4 - T1) 60 seconds.



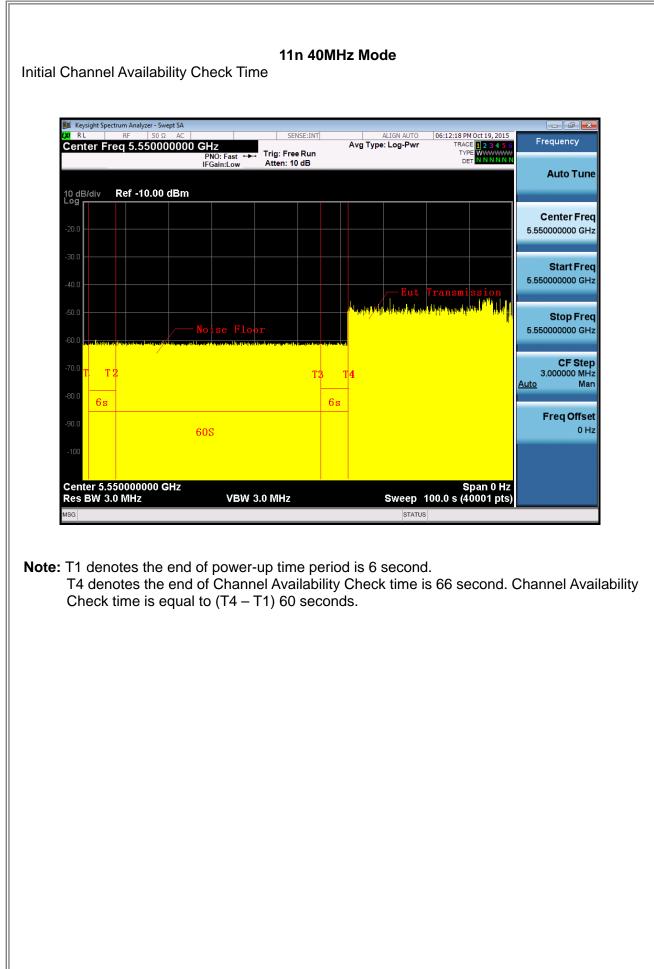




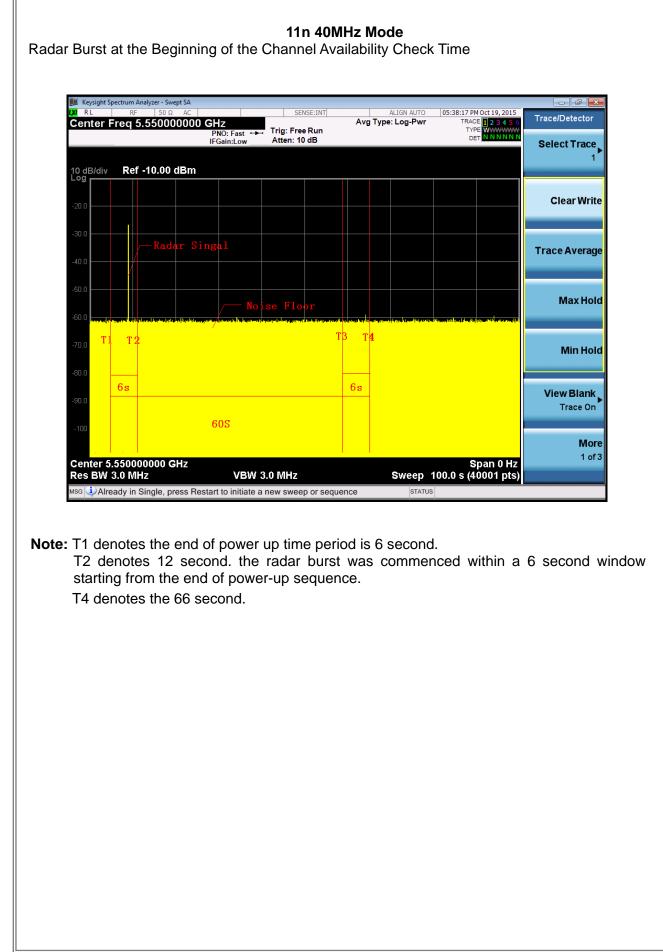


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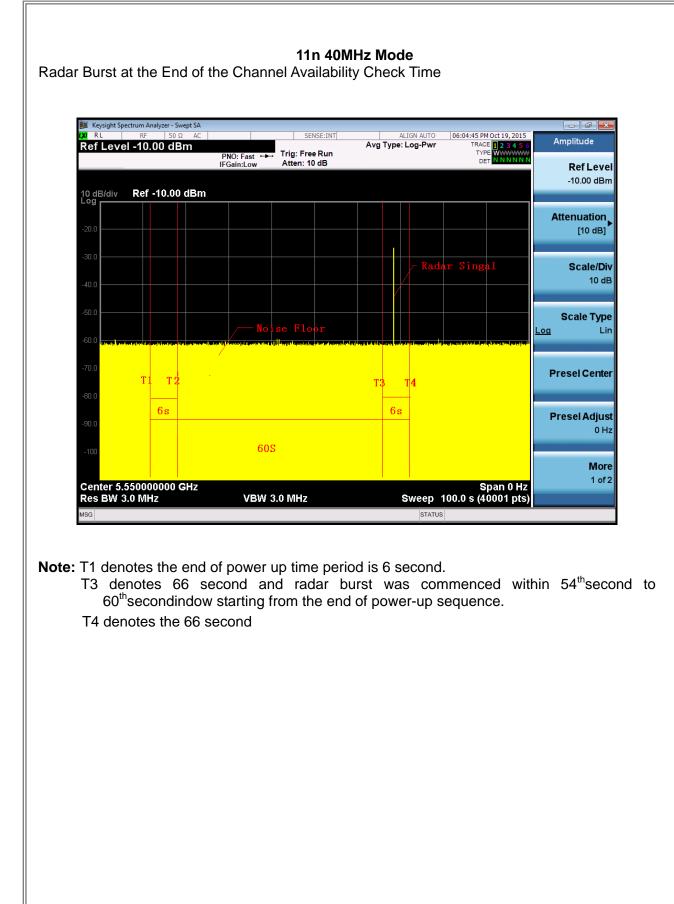




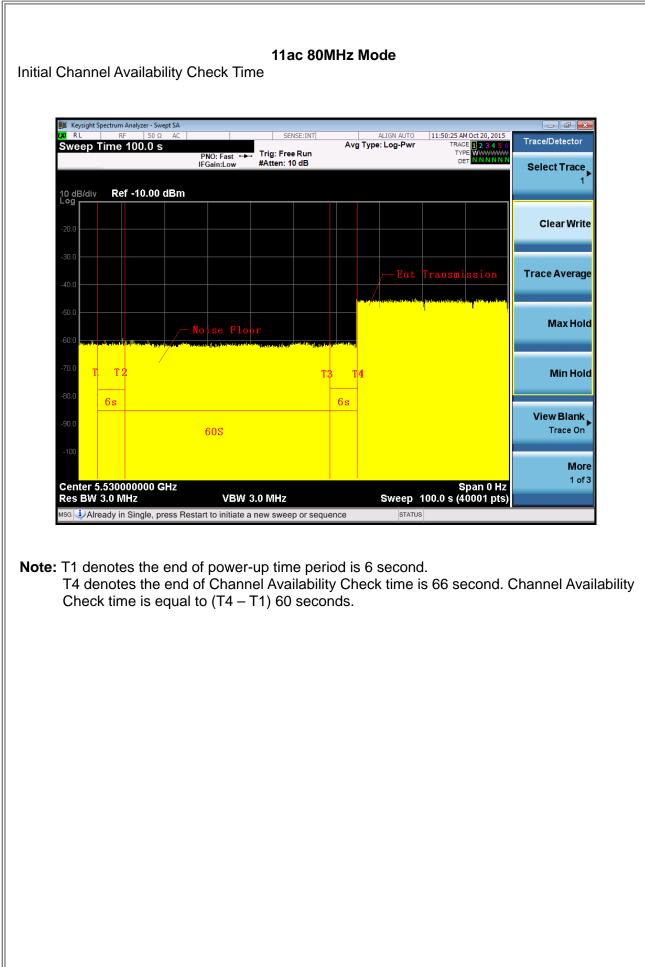




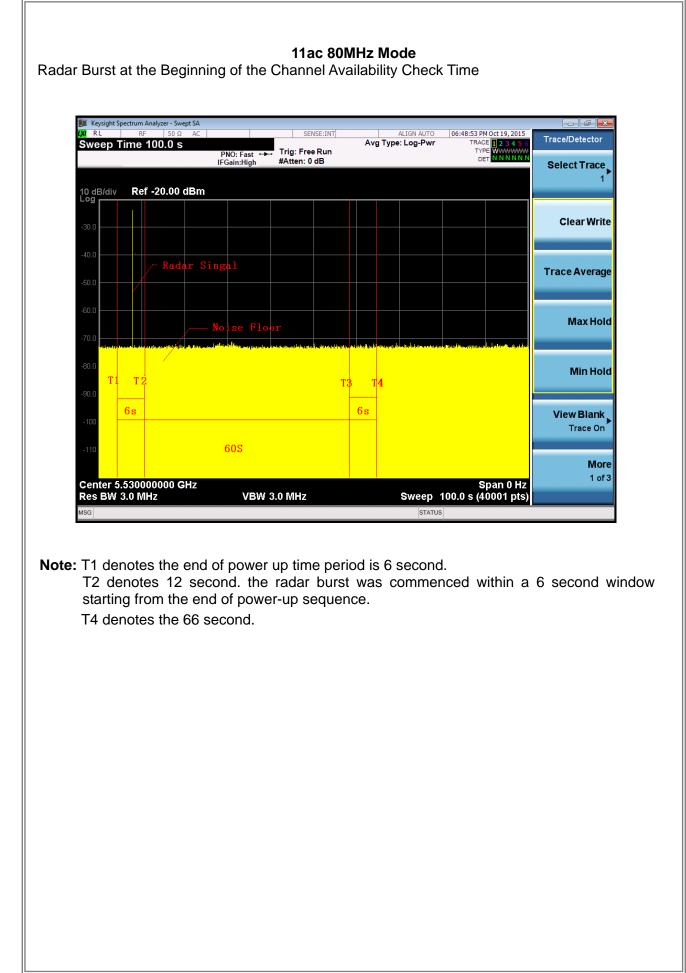




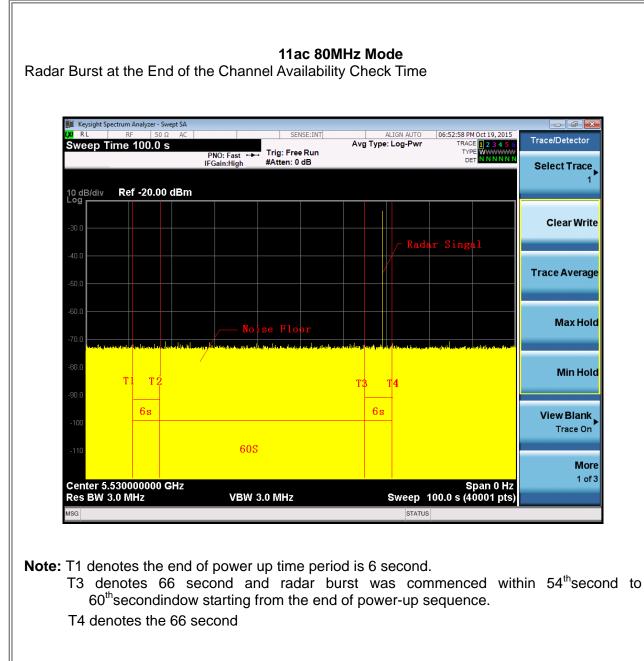














#### 6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME WLAN TRAFFIC

TX (11a Mode)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Pass times	Fail times	Percentage ofSuccessful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\frac{\text{Roundup} \left\{ \begin{pmatrix} \frac{1}{360} \\ \\ \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{osc}}} \end{pmatrix} \right\}}{\left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{osc}}} \right)}$	26	4	87
2	1-5	150-230	23-29	27	3	90
3	6-10	200-500	16-18	26	4	87
4	11-20	200-500	12-16	27	3	90
Aggreg	ate (Radar Type	es 1-4)	-	106	14	88

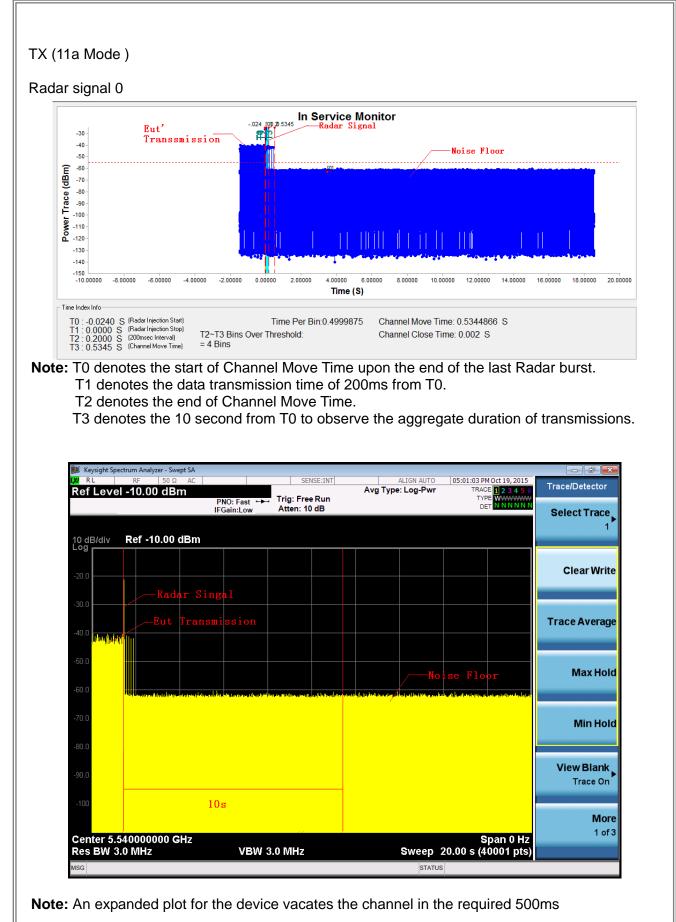
#### Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses Per Burst	Number of Bursts	Pass times	Fail times	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	26	4	87

Table 3: Frequency Hopping Radar Test Waveform

Rada Type	Width	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	26	4	87







### TX (11n 40MHz Mode)

Table 1: Short	Pulse Radar	Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$-\frac{\text{Roundup}}{\left(\frac{1360}{\text{PRI}_{pose}}\right)}$	26	4	87
2	1-5	150-230	23-29	27	3	90
3	6-10	200-500	16-18	27	3	90
4	11-20	200-500	12-16	27	3	90
Aggreg	jate (Radar Type	es 1-4)	-	107	13	89

# Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
5	1	333	9	0.333	300	27	3	90

#### Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	28	2	93



#### TX (11n 40MHz Mode) Radar signal 0 In Service Monitor Eut' adar Signal **F** -30 -Transsmission -40 Noise Floor -50 Power Trace (dBm) -60 -70 -80 -90 -100 -110 -120 --130 -140 -150 -10.00000 -8.00000 -6.00000 -4.00000 -2.00000 0.00000 2.00000 4.00000 6.00000 8.00000 10.00000 12.00000 14.00000 16.00000 18.00000 20.00000 Time (S) Time Index Info T0::0.0430 S (Radar Injection Start) T1::0.0000 S (Radar Injection Stop) T2::0.2000 S (200msec Interval) T3::0.7955 S (Channel Move Time) Time Per Bin:0.4999875 Channel Move Time: 0.7954801 S T2~T3 Bins Over Threshold: Channel Close Time: 0.0039999 S = 8 Bins Note: T0 denotes the start of Channel Move Time upon the end of the last Radar burst. T1 denotes the data transmission time of 200ms from T0. T2 denotes the end of Channel Move Time. T3 denotes the 10 second from T0 to observe the aggregate duration of transmissions. um Analyzer - Swept SA SENSE:INT 11:11:54 AM Oct 20, 2015 ALIGN AU Trace/Detector Avg Type: Log-Pwr TRACE 1 2 3 4 5 Center Freq 5.550000000 GHz Trig: Free Run #Atten: 10 dB тур PNO: Fast +++ DET Select Trace 1 Ref -10.00 dBm 10 dB/div Log **Clear Write**

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Center 5.550000000 GHz

Res BW 3.0 MHz

10s

VBW 3.0 MHz

Note: An expanded plot for the device vacates the channel in the required 500ms

**Trace Average** 

Max Hold

**Min Hold** 

More 1 of 3

View Blank Trace On

Span 0 Hz

Sweep 20.00 s (40001 pts)

STATUS



## TX (11ac 80MHz Mode)

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Pass times	Fail times	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\underline{\text{Roundup}} \left\{ \begin{pmatrix} \frac{1}{360} \end{pmatrix}, \\ \begin{pmatrix} \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{osc}}} \end{pmatrix} \right\}$	27	3	90
2	1-5	150-230	23-29	27	3	90
3	6-10	200-500	16-18	26	4	87
4	11-20	200-500	12-16	26	4	87
Aggreg	ate (Radar Type	es 1-4)	-	106	14	88

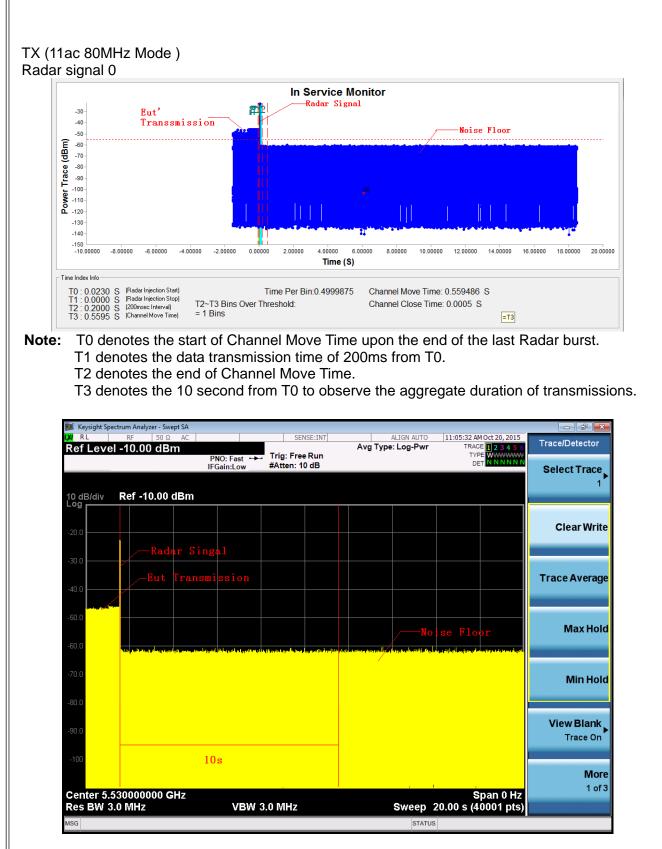
# Table 2: Long Pulse Radar Test Waveform

Rad Typ	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Numberof Pulses Per Burst	Number of Bursts	Pass times	Fail times	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	26	4	87

#### Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Pass times	Fail times	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	27	3	90



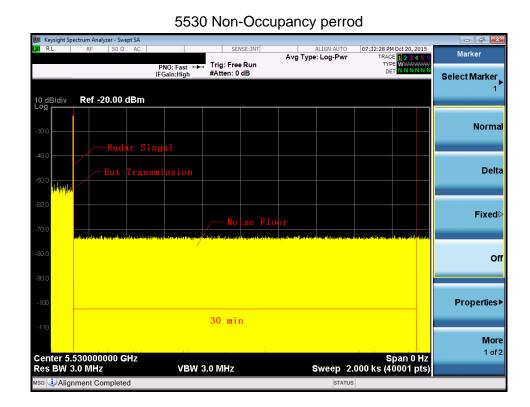


Note: An expanded plot for the device vacates the channel in the required 500ms

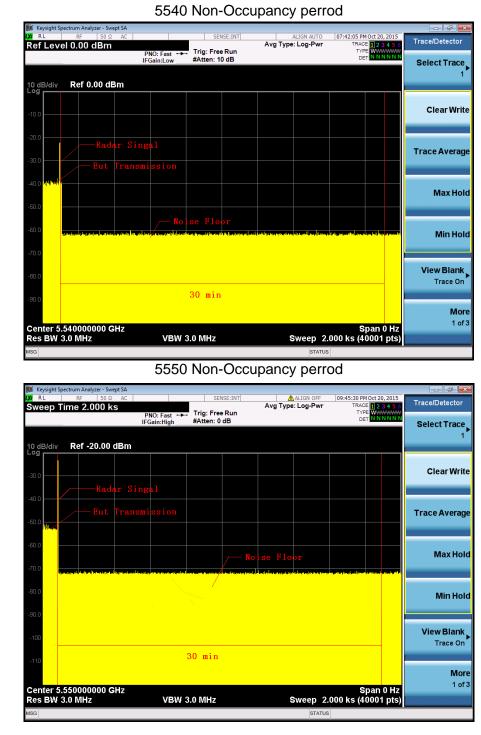


#### 6.2.5 NON- OCCUPANCY PERIOD

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.





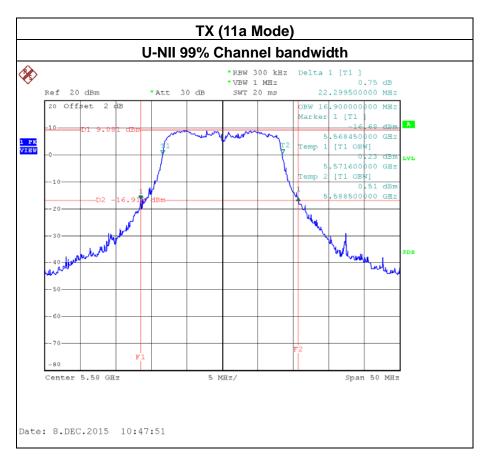


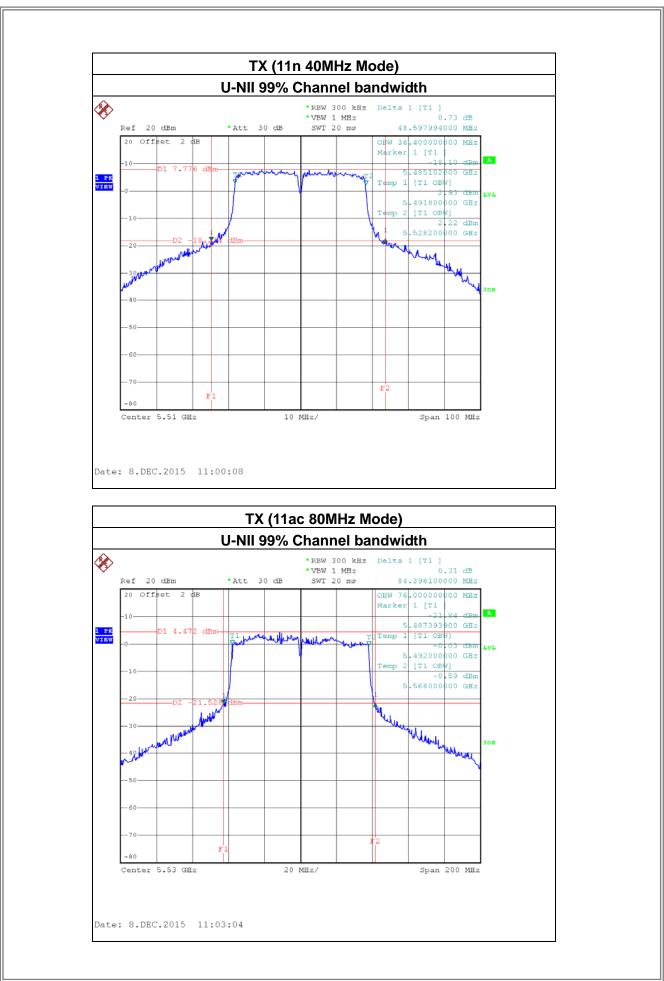


#### 6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5250 to 5350MHz and 5470 to 5600 MHz channels so that the probability of selecting a given channel shall be the same for channels. The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

#### 6.2.7 U-NII DETECTION BANDWIDTH





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BIL



#### 11a Mode

			Deteo	tion Ba	ndwith	test tra	nmissio	n 20M				
EUT FREQUENCY		5540	Λ									
EUT power bandwith		17										
Detection Bandwith I	imit(100	)%of El	JT 99%	6 Power	16.83							
Detection Bandwith(				18								
Test Result	PASS		-/									
		DFS Detection Trials (1=Detection, 0= No Detection)										
Radar Freq (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)	
5529	1	0	0	1	1	0	0	0	1	0	40	
5530	1	1	0	0	0	1	0	1	0	1	50	
5531(FL)	1	1	1	1	0	1	1	1	1	1	90	
5532	1	1	1	1	1	1	1	1	1	1	100	
5533	1	1	1	1	1	1	1	1	1	1	100	
5534	1	1	1	1	1	1	1	1	1	1	100	
5535	1	1	1	1	1	1	1	1	1	1	100	
5536	1	1	1	1	1	1	1	1	1	1	100	
5537	1	1	1	1	1	1	1	1	1	1	100	
5538	1	1	1	1	1	1	1	1	1	1	100	
5539	1	1	1	1	1	1	1	1	1	1	100	
5540	1	1	1	1	1	1	1	1	1	1	100	
5541	1	1	1	1	1	1	1	1	1	1	100	
5542	1	1	1	1	1	1	1	1	1	1	100	
5543	1	1	1	1	1	1	1	1	1	1	100	
5544	1	1	1	1	1	1	1	1	1	1	100	
5545	1	1	1	1	1	1	1	1	1	1	100	
5546	1	1	1	1	1	1	1	1	1	1	100	
5547	1	1	1	1	1	1	1	1	1	1	100	
5548	1	1	0	1	1	1	1	1	1	1	90	
5549(FH)	1	1	1	0	1	1	1	0	1	1	80	
5550	0	1	0	1	0	1	1	0	0	1	50	
5551	1	0	1	0	0	0	1	0	1	1	50	



#### 11n 40MHz Mode

est tran	mission	40M														
	5550N	4														
	36.4MH	Ηz														
	%of EU	T 99% F	Power b	andwith	36.036											
			36													
PASS																
	DF	S Dete	ction Tri	als (1=D	etection	n, 0= No	Detecti	on)								
1	2	3	4	5	6	7	8	9	10	Detection Rate (%)						
1	0	1	0	0	1	1	0	1	0	50						
1	1	1	0	1	0	1	0	1	0	60						
1	1	1	1	1	1	0	1	1	1	90						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
1	1	1	1	1	1	1	1	1	1	100						
			-							100						
	1	1		1	1	1	1	1	1	100						
	1	1		1	1	1	1	1	1	100						
	-							-		100						
				1	1	1		1		100						
1	1	1	1	1	1	1	1	1	1	100						
4	4	4	4	4	4	4	4	4	4	100						
										100						
										100						
										100						
	-	-								100						
										100						
			-	-			-	-		100						
	-			-			-	-		100						
				-		-	-			100						
										100						
										100						
										100						
										100						
										100						
										100						
										100						
										100						
	-									100						
										100						
	0	1	1	1	1	1	1	1	1	90						
1	0	1	1	0	1	0	0	1	0	50						
	mit(100 5569(FF PASS 1 1 1 1 1 1 1 1 1 1 1 1 1	5550M           36.4MI           mit(100% of EU)           5569(FH)-5531(           PASS           DF           1         2           1         0           1         1	bit	5550M           36.4MHz           mit(100% of EUT 99% Power b           569(FH)-5531(FL))         36           PASS         DFS Detection Tri           1         2         3         4           1         0         1         0           1         2         3         4           1         0         1         0           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1         1         1         1           1	5550M           36.4MHz           mit(100% of EUT 99% Power bandwith)           5569(FH)-5531(FL))         36           PASS           DFS Detection Trials (1=D           1         2         3         4         5           DFS Detection Trials (1=D           1         0         0           1         0         0           DFS Detection Trials (1=D           1         0           1         1         0           1         1         0           DFS Detection Trials (1=D           1         0         0           1         1         0         0           1         1         1           1         1           1         1           1         1 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.363           DFS Detection Trials (1=Detection           DFS Detection Trials (1=Detection           1         2         36           DFS Detection Trials (1=Detection           1         2         3         4         5           DFS Detection Trials (1=Detection           1         0         0           1         2         36           DFS Detection Trials (1=Detection           1         0         0           1         0         0           1         1         0         1           1         1         1           1         1           1         1           1         1           1         1             <th <="" colspan="2" td=""><td>5650M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.336           DFS Detection Tris (1=Detection, 0= No           1         2         36           DFS Detection Tris (1=Detection, 0= No           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           1         0         1           1         1         0         1           1         1         1           1         1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.36.36.36.36.36.36.36.36.36.36.36.36.3</td><td>5560M           36-4MHz           mit(100%of EUT 99% Power bandwith 36.036           DFS Detection Trials (1=Detection, 0= No Detection)           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           1         0         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0         0           1         0         0           1         0         0           1         0         0           1         0           1         0         0           1         0         0           1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100%of EUT 99% Power bandwith 36.036           FASS           DFS Detection Trans (1=Detection, 0= ND Detection)           1         2         3           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         1           1         2         3         4         5           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         10           1         0         10           1         1         0         10           1         1         0         10           1         1         0         10           1         1         1           1         1           1         1           1         1           <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""></th></td></th></td></th>	<td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.363           DFS Detection Trials (1=Detection           DFS Detection Trials (1=Detection           1         2         36           DFS Detection Trials (1=Detection           1         2         3         4         5           DFS Detection Trials (1=Detection           1         0         0           1         2         36           DFS Detection Trials (1=Detection           1         0         0           1         0         0           1         1         0         1           1         1         1           1         1           1         1           1         1           1         1             <th <="" colspan="2" td=""><td>5650M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.336           DFS Detection Tris (1=Detection, 0= No           1         2         36           DFS Detection Tris (1=Detection, 0= No           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           1         0         1           1         1         0         1           1         1         1           1         1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.36.36.36.36.36.36.36.36.36.36.36.36.3</td><td>5560M           36-4MHz           mit(100%of EUT 99% Power bandwith 36.036           DFS Detection Trials (1=Detection, 0= No Detection)           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           1         0         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0         0           1         0         0           1         0         0           1         0         0           1         0           1         0         0           1         0         0           1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100%of EUT 99% Power bandwith 36.036           FASS           DFS Detection Trans (1=Detection, 0= ND Detection)           1         2         3           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         1           1         2         3         4         5           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         10           1         0         10           1         1         0         10           1         1         0         10           1         1         0         10           1         1         1           1         1           1         1           1         1           <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""></th></td></th></td>		5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.363           DFS Detection Trials (1=Detection           DFS Detection Trials (1=Detection           1         2         36           DFS Detection Trials (1=Detection           1         2         3         4         5           DFS Detection Trials (1=Detection           1         0         0           1         2         36           DFS Detection Trials (1=Detection           1         0         0           1         0         0           1         1         0         1           1         1         1           1         1           1         1           1         1           1         1 <th <="" colspan="2" td=""><td>5650M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.336           DFS Detection Tris (1=Detection, 0= No           1         2         36           DFS Detection Tris (1=Detection, 0= No           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           1         0         1           1         1         0         1           1         1         1           1         1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.36.36.36.36.36.36.36.36.36.36.36.36.3</td><td>5560M           36-4MHz           mit(100%of EUT 99% Power bandwith 36.036           DFS Detection Trials (1=Detection, 0= No Detection)           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           1         0         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0         0           1         0         0           1         0         0           1         0         0           1         0           1         0         0           1         0         0           1         1           1         1           1         1           1         1           1</td><td>5550M           36.4MHz           mit(100%of EUT 99% Power bandwith 36.036           FASS           DFS Detection Trans (1=Detection, 0= ND Detection)           1         2         3           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         1           1         2         3         4         5           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         10           1         0         10           1         1         0         10           1         1         0         10           1         1         0         10           1         1         1           1         1           1         1           1         1           <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""></th></td></th>	<td>5650M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.336           DFS Detection Tris (1=Detection, 0= No           1         2         36           DFS Detection Tris (1=Detection, 0= No           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           1         0         1           1         1         0         1           1         1         1           1         1         1           1         1           1         1           1         1           1</td> <td>5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.36.36.36.36.36.36.36.36.36.36.36.36.3</td> <td>5560M           36-4MHz           mit(100%of EUT 99% Power bandwith 36.036           DFS Detection Trials (1=Detection, 0= No Detection)           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           1         0         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0         0           1         0         0           1         0         0           1         0         0           1         0           1         0         0           1         0         0           1         1           1         1           1         1           1         1           1</td> <td>5550M           36.4MHz           mit(100%of EUT 99% Power bandwith 36.036           FASS           DFS Detection Trans (1=Detection, 0= ND Detection)           1         2         3           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         1           1         2         3         4         5           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         10           1         0         10           1         1         0         10           1         1         0         10           1         1         0         10           1         1         1           1         1           1         1           1         1           <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""></th></td>		5650M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.336           DFS Detection Tris (1=Detection, 0= No           1         2         36           DFS Detection Tris (1=Detection, 0= No           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           DFS Detection Tris (1=Detection, 0= No           1         0         1           1         0         1           1         0         1           1         1         0         1           1         1         1           1         1         1           1         1           1         1           1         1           1	5550M           36.4MHz           mit(100% of EUT 99% Power bandwith         36.36.36.36.36.36.36.36.36.36.36.36.36.3	5560M           36-4MHz           mit(100%of EUT 99% Power bandwith 36.036           DFS Detection Trials (1=Detection, 0= No Detection)           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0           1         0         0           DFS Detection Trials (1=Detection, 0= No Detection)           1         0         0           1         0         0           1         0         0           1         0         0           1         0           1         0         0           1         0         0           1         1           1         1           1         1           1         1           1	5550M           36.4MHz           mit(100%of EUT 99% Power bandwith 36.036           FASS           DFS Detection Trans (1=Detection, 0= ND Detection)           1         2         3           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         1           1         2         3         4         5           DFS Detection Trans (1=Detection, 0= ND Detection)           1         0         10           1         0         10           1         1         0         10           1         1         0         10           1         1         0         10           1         1         1           1         1           1         1           1         1 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""></th>		



#### 11ac 80MHz Mode

Detection Bandwith											
EUT FREQUENCY		5530	M								
EUT power bandwi		76									
Detection Bandwith					ower b	75.24					
Detection Bandwith			549(FL	/6							
Test Result	PASS		-44:-		- /4 . D	- 4 4:-	- 0		41 1		1
								No Det			Detection Date (
Radar Freq (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (9
5489	1	0	0	0	1	0	1	0	0	0	30
5490	1	0	0	0	1	0	1	0	0	0	30
5491	1	0	0	0	1	0	1	0	0	0	30
5492(FL)	1	1	1	1	1	1	0	1	1	1	90
5493	1	1	1	1	1	1	1	1	1	1	100
5494	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5496	1	1	1	1	1	1	1	1	1	1	100
5497	1	1	1	1	1	1	1	1	1	1	100
5498	1	1	1	1	1	1	1	1	1	1	100
5499	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
	-	-	-	-	-	-	-	-	-		
5502	1	1	1	1	1	1	1	1	1	1	100
5503	1	1	1	1	1	1	1	1	1	1	100
5504	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5506	1	1	1	1	1	1	1	1	1	1	100
5507	1	1	1	1	1	1	1	1	1	1	100
5508	1	1	1	1	1	1	1	1	1	1	100
5509	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5511	1	1	1	1	1	1	1	1	1	1	100
		-	-	-	-	-	-	-	-		
5512	1	1	1	1	1	1	1	1	1	1	100
5513	1	1	1	1	1	1	1	1	1	1	100
5514	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5516	1	1	1	1	1	1	1	1	1	1	100
5517	1	1	1	1	1	1	1	1	1	1	100
5518	1	1	1	1	1	1	1	1	1	1	100
5519	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5521	1	1	1	1	1	1	1	1	1	1	100
5522	1	1	1	1	1	1	1	1	1	1	
	-			-		-	-	-	-	-	100
5523	1	1	1	1	1	1	1	1	1	1	100
5524	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5526	1	1	1	1	1	1	1	1	1	1	100
5527	1	1	1	1	1	1	1	1	1	1	100
5528	1	1	1	1	1	1	1	1	1	1	100
5529	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5531	1	1	1	1	1	1	1	1	1	1	100
5532	1	1	1	1	1	1	1	1	1	1	100
5533	1	1	1	1	1	1	1	1	1	1	100
				-	-	-	-	-	-	-	
5534	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5536	1	1	1	1	1	1	1	1	1	1	100
5537	1	1	1	1	1	1	1	1	1	1	100
5538	1	1	1	1	1	1	1	1	1	1	100
5539	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
	1	1	1	1	1	1	1	1	1	1	100



5542	1	1	1	1	1	1	1	1	1	1	100
5543	1	1	1	1	1	1	1	1	1	1	100
5544	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5546	1	1	1	1	1	1	1	1	1	1	100
5547	1	1	1	1	1	1	1	1	1	1	100
5548	1	1	1	1	1	1	1	1	1	1	100
5549	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5551	1	1	1	1	1	1	1	1	1	1	100
5552	1	1	1	1	1	1	1	1	1	1	100
5553	1	1	1	1	1	1	1	1	1	1	100
5554	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5556	1	1	1	1	1	1	1	1	1	1	100
5557	1	1	1	1	1	1	1	1	1	1	100
5558	1	1	1	1	1	1	1	1	1	1	100
5559	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5561	1	1	1	1	1	1	1	1	1	1	100
5562	1	1	1	1	1	1	1	1	1	1	100
5563	1	1	1	1	1	1	1	1	1	1	100
5564	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5566	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	100
5568(FL)	1	1	0	1	1	1	1	1	1	1	90
5569	0	1	0	0	0	0	1	0	0	0	20
5570	0	1	0	0	0	0	0	0	0	0	10
5571	0	1	0	0	0	0	0	0	0	0	10