

TEST REPORT

Reference No..... : WTD24X02027394W006
FCC ID : 2BEPN-C150
Applicant : WEWINS TECHNOLOGY LIMITED
Address : Room 1003, 10/F, Tower 1, Lippo Centre, 89 Queensway, Admiralty, Hong Kong
Manufacturer : The same as Applicant
Address : The same as Applicant
Product Name : 5G CPE
Model No..... : C150
Standards : FCC Part 15.407
Date of Receipt sample : 2024-02-02
Date of Test..... : 2024-02-02 to 2024-02-24
Date of Issue : 2024-04-01
Test Report Form No. : WTX_Part 15_407W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

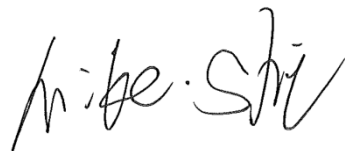
Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

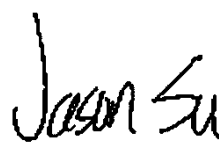
Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:



Mike Shi

Approved by:



Jason Su

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Report version

Version No.	Date of issue	Description
Rev.00	2024-04-01	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	5G CPE
Trade Name:	/
Model No.:	C150
Adding Model(s):	/
Rated Voltage:	Adapter DC12V; Battery DC3.7V
Battery Capacity:	/
Power Adapter:	GQ24-120200-DU Input:AC100-240v~50/60Hz 1.0A Output:DC12V2.0A
Battery Capacity:	/
<i>Note: The test data is gathered from a production sample provided by the manufacturer.</i>	

Technical Characteristics of EUT		
Support Standards:	802.11a, 802.11n(HT20) , 802.11n-HT40, 802.11ac-VHT20/40/80 , 802.11ax-HE20/40/80	
Frequency Range:	5180-5240MHz, 5260-5320MHz 5500-5700MHz, 5745-5825MHz	
Max. RF Output Power:	Antenna 1: 21.12dBm (Conducted) Antenna 2: 21.51dBm (Conducted)	
Type of Modulation:	QPSK, 16QAM, 64QAM;256QAM; 1024QAM	
Operation Mode	☒ Master	
	☐ Client with radar detection	
	☐ Client without radar detection	
Communication Mode	☒ IP Based(Load Based)	☒ Frame Based
Weather Band(5600~5650MHz)	☐ With 5600~5650MHz	☒ Without 5600~5650MHz
Type of Antenna:	Integral Antenna	
Antenna Gain:	Ant 1: 2.8dBi Ant 2: 3.2 dBi	
Note The Antenna Gain is provided by the customer and can affect the validity of results.		

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.407: General technical requirements.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

KDB905462 D02: Compliance Measurement Procedures for Unlicensed-National Information Infrastructure Devices Operating in the 5250-5350MHz And 5470-5725MHz Bands Incorporating Dynamic Frequency Selection.

KDB905462 D03: U-Nii Client Devices Without Radar Detection Capability.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

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1.3 Test Methodology

All measurements contained in this report were conducted with KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

1.4 EUT Operating during test

EUT was programmed to be in continuously transmitting mode. During the test, EUT operation to normal function and programs under WIN XP were executed.

1.5 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.

1.6 EUT Setup and Test Mode

The EUT in this application is a client device without radar detection capability and indicate the FCC identifier for the Master U-NII Device .During the test, the product works on the designated test channel and transmits normal data to the master.

Messages for communication between Master and Client Devices: 0101010101.....(Continuous cycle.)

The type of system architecture for the device in this application is IP based, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11ax-HE(80)	5290MHz
TM2	802.11ax-HE(80)	5530MHz

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Core
DC Cable	1.55	Unshielded	Without Ferrite
RJ45 Cable	1.0	Unshielded	Without Ferrite

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
WIFI AP/Router	LINKSYS	WRT32X	FCCID: Q87-WRT3200ACM

1.7 Test Equipment List and Details

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041A 1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2024-02-24	2025-02-23
WTXE1022A 1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2024-02-27	2025-02-26
WTXE1005A 1005	Spectrum Analyzer	Agilent	N9020A	US471401 02	2024-03-19	2025-03-18
WTXE1084A 1001	Spectrum Analyzer	Agilent	N9020A	MY543205 48	2024-02-24	2025-02-23
WTXE1044A 1001	Signal Generator	Agilent	83752A	3610A014 53	2024-02-24	2025-02-23
WTXE1045A 1001	Vector Signal Generator	Agilent	N5182A	MY470702 02	2024-02-24	2025-02-23
WTXE1018A 1001	Power Divider	Weinschel	1506A	PM204	2024-02-29	2025-02-28

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1

*Remark: indicates software version used in the compliance certification testing.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.407(h)	Dynamic Frequency Selection (DFS)	Complied

N/A: Not applicable.

3.Dynamic Frequency Selection (DFS)

3.1 Requirement

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

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

Additional requirements for devices with multiple bandwidth	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	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20MHz channels and the channel center frequency.

LIMIT**1. DFS Detection Thresholds**

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64dBm
Note 1: This is the level at the input of the receiver assuming a 0dBi receive antenna. Note 2: Throughout these test procedures an additional 1dB 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.	

2. DFS Response Requirements

Table 4: DFS Response Requirement Values

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

3.2 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.

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Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
		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			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

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. For example if in Short Pulse Radar Type 1 Test B a PRI of 3066 μsec is selected, the number of pulses

$$\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{3066} \right) \right\}$$

would be Round up

$$= \text{Round up } \{17.2\} = 18.$$

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

Table 6 – Long Pulse Radar Test Waveform

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

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

Table 7 – Frequency Hopping Radar Test Waveform

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

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

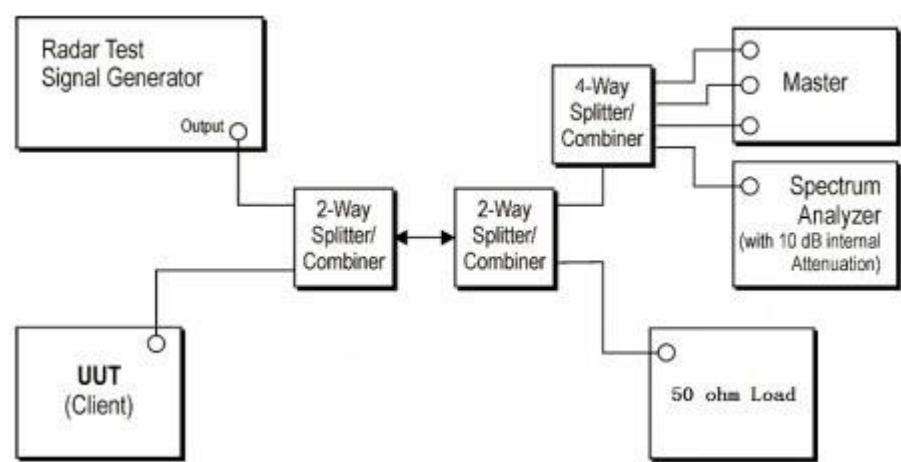
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until 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.

3.3 Calibration of Radar Waveform

Radar Waveform Calibration Procedure

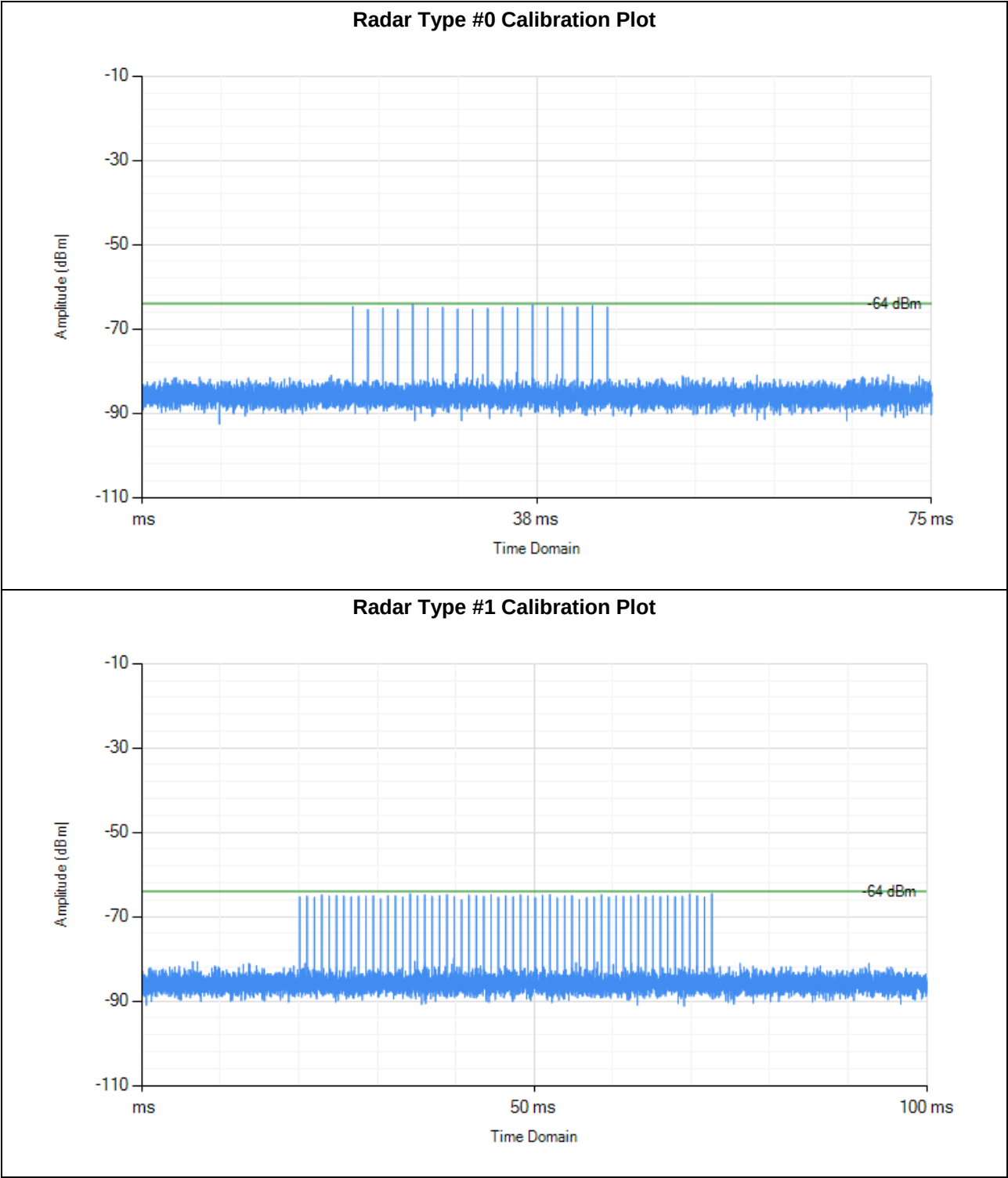
- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ that had been taken into account the output power range and antenna gain.
- 3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.
- 4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$. Capture the spectrum analyzer plots on short pulse radar waveform.

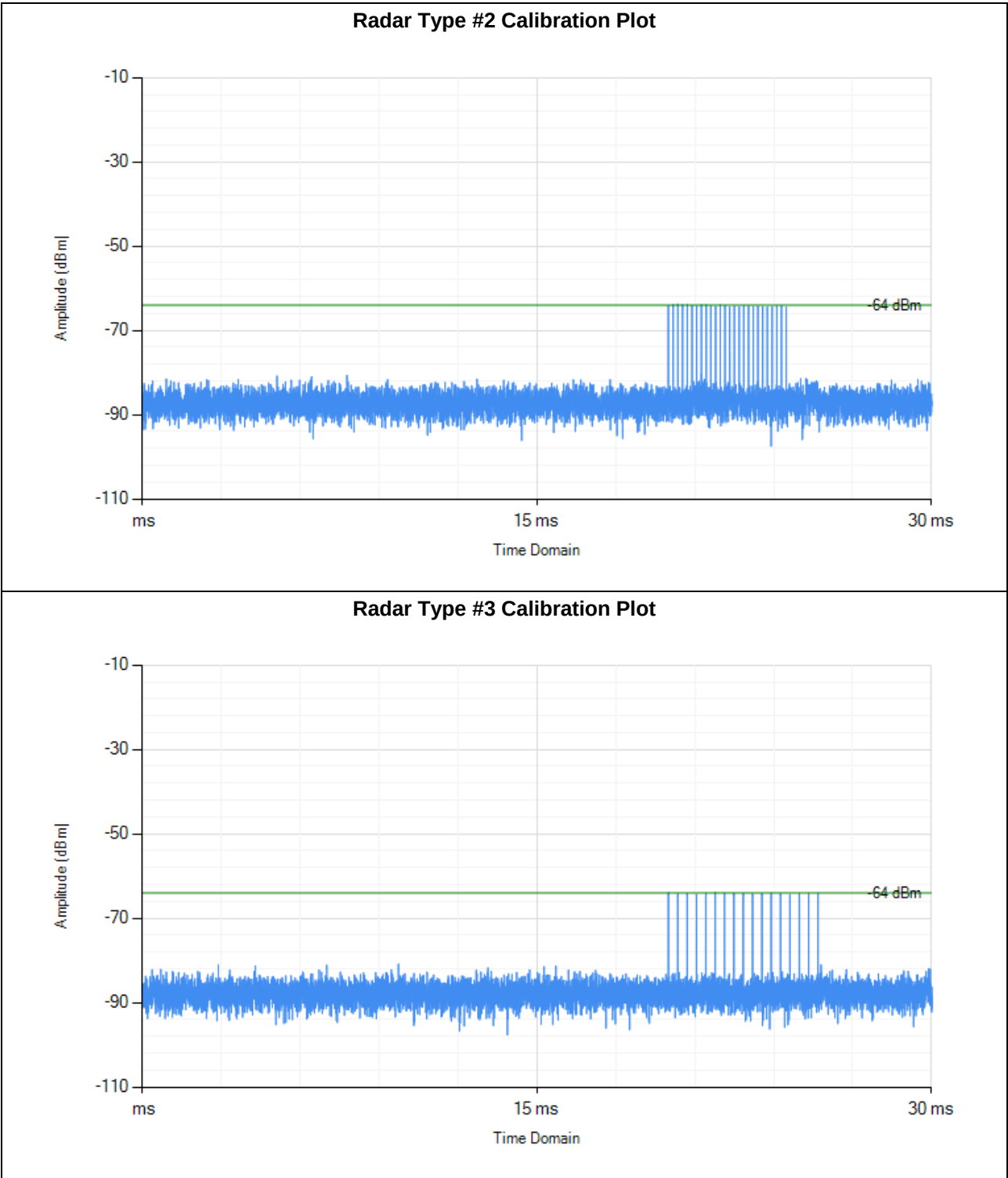
Conducted Calibration Setup

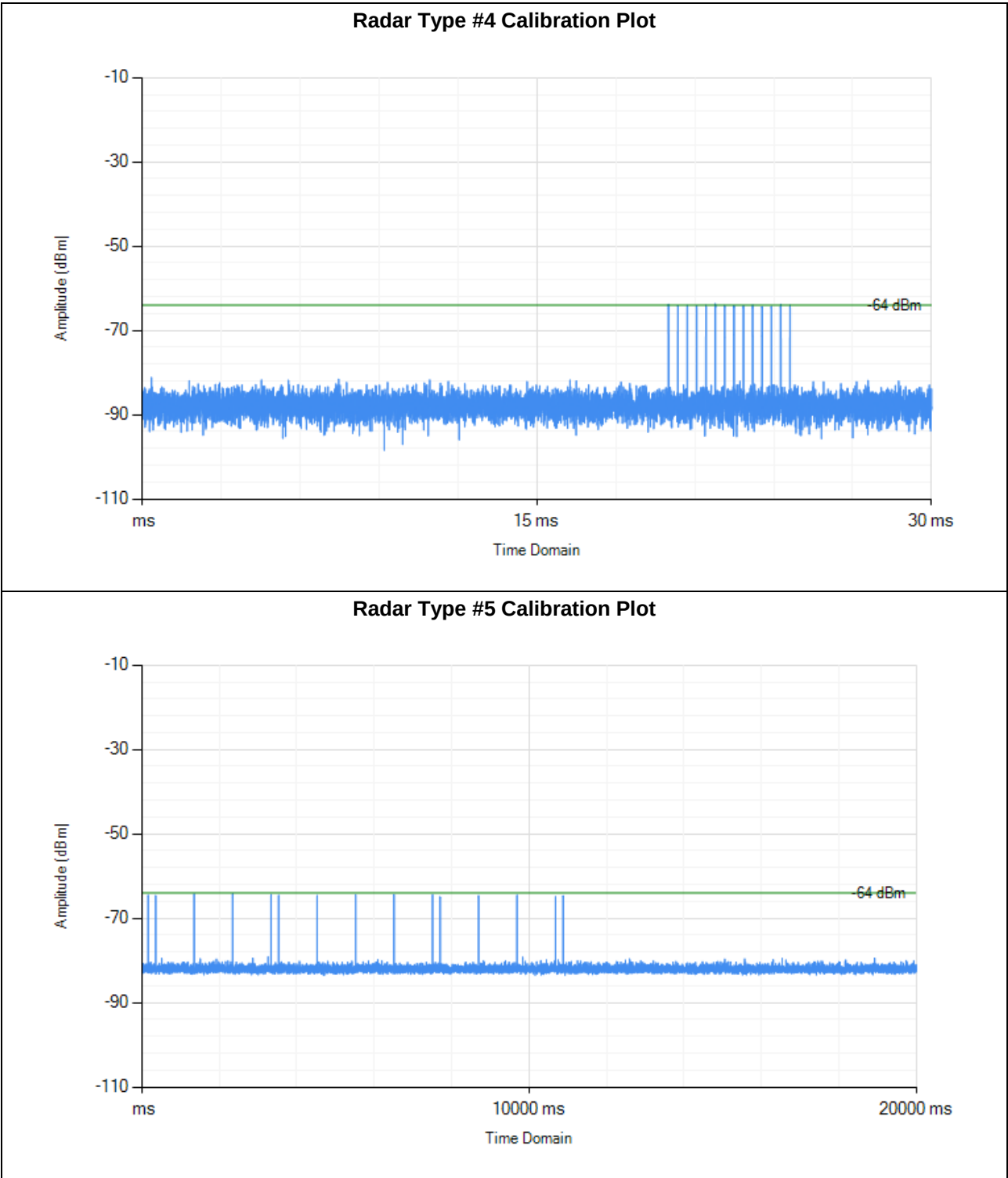


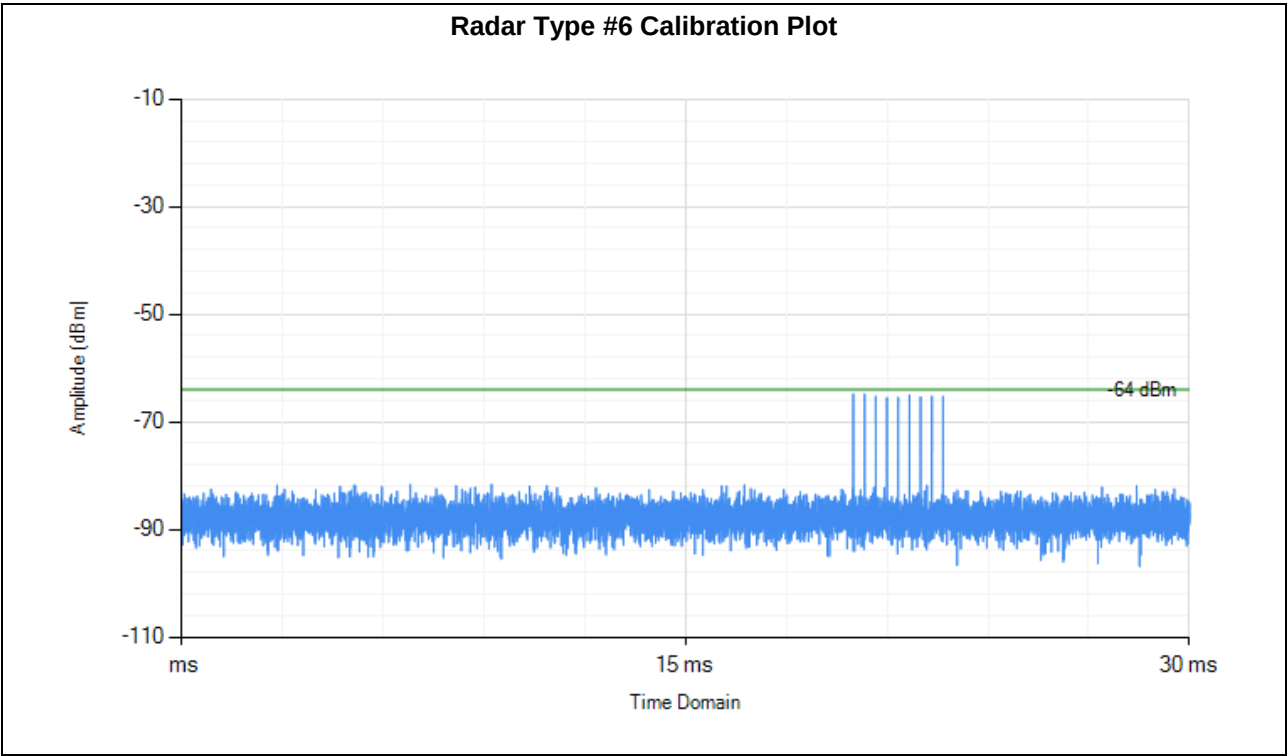
Radar Waveform Calibration Result

Test Mode: Band 2

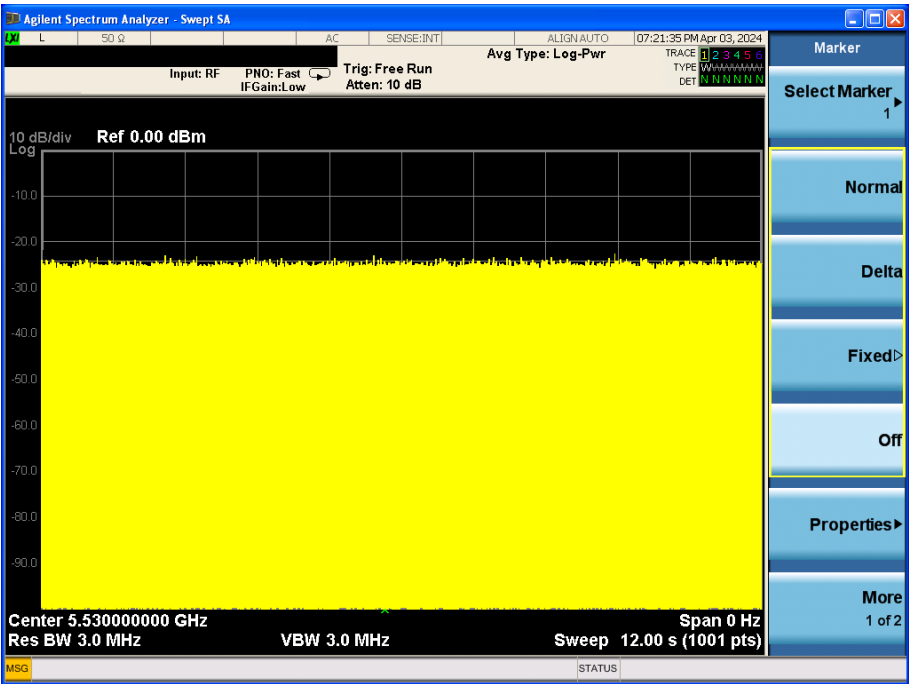
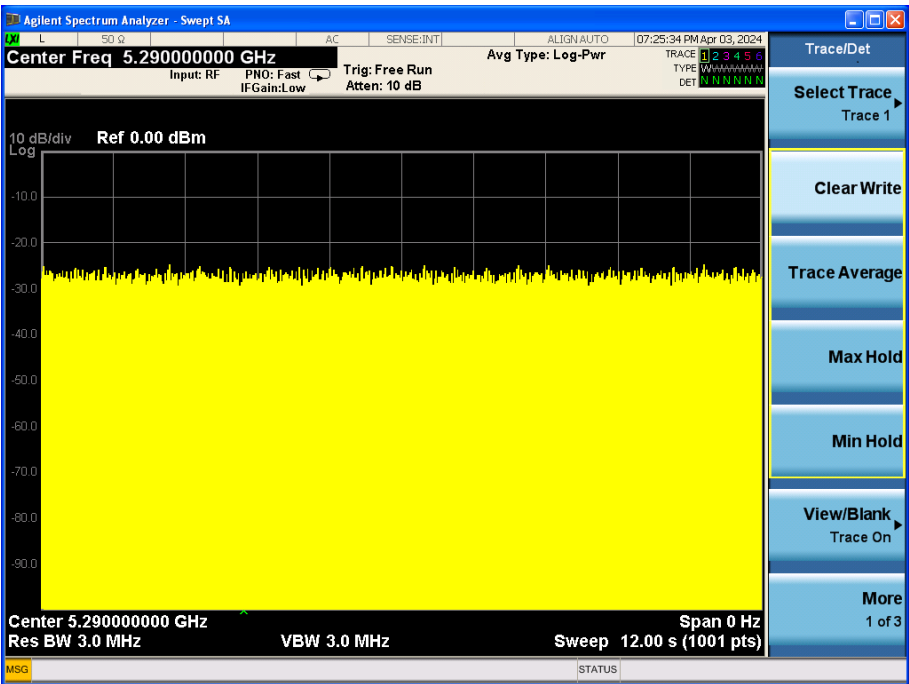


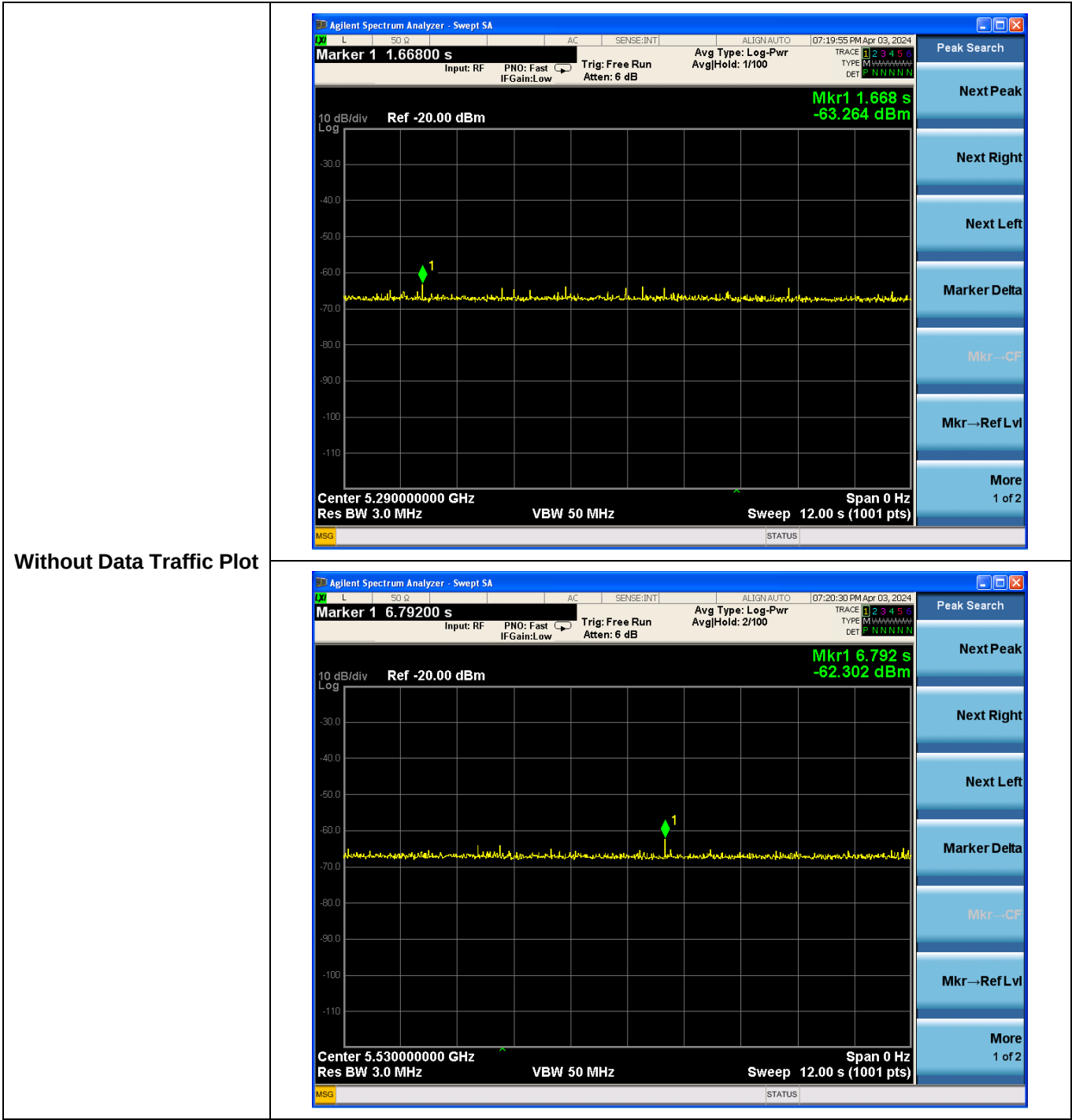






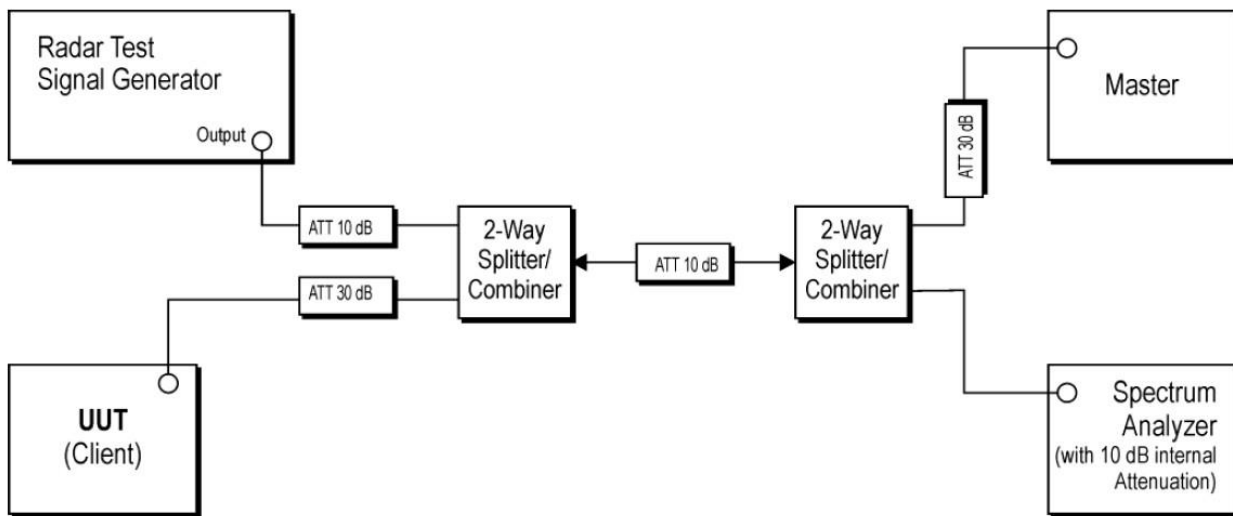
EUT Data traffic Plot





TEST CONFIGURATION

Setup for Client with injection at the Master



3.4 TEST PROCEDURE

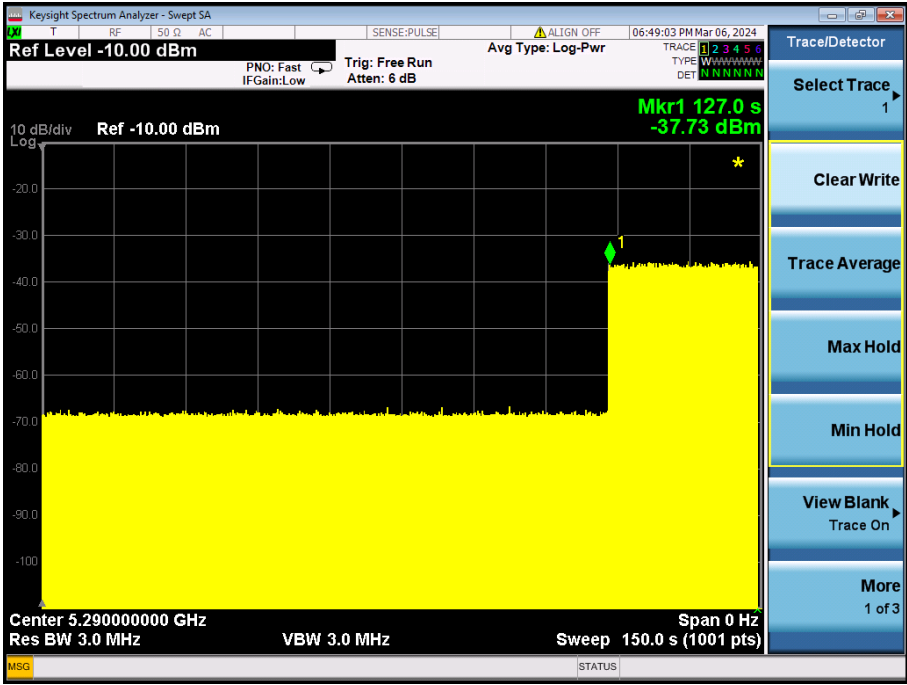
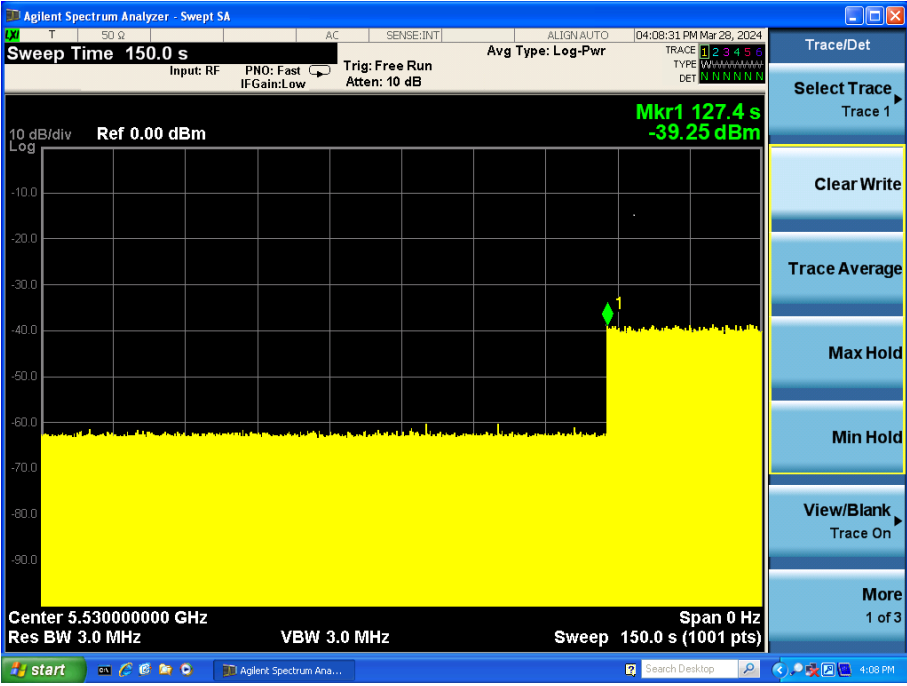
1. The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device
3. A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
4. EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
5. When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types

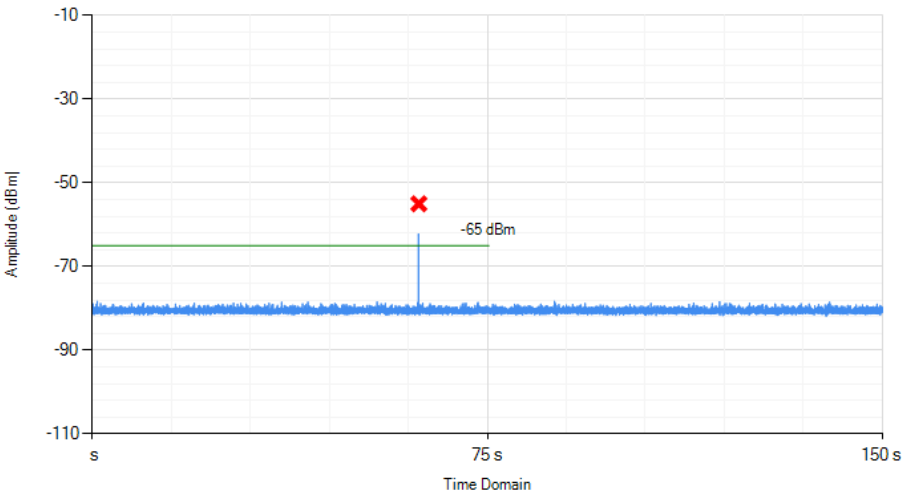
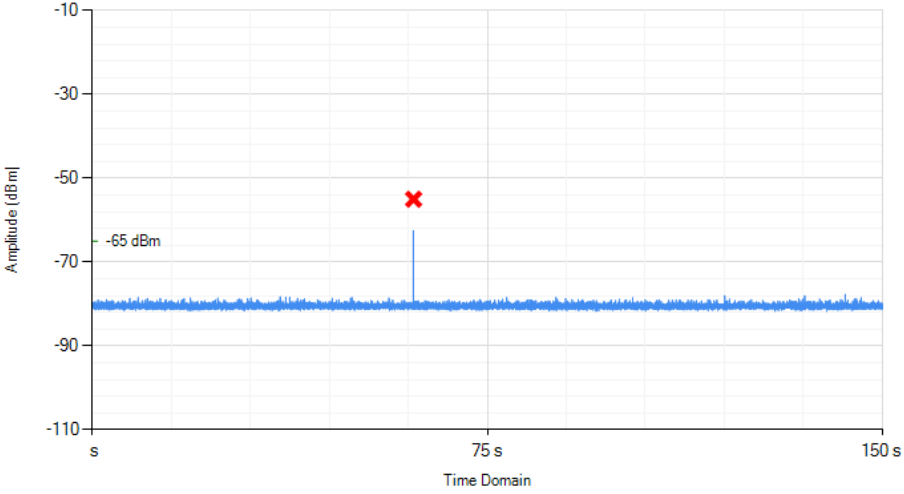
start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type

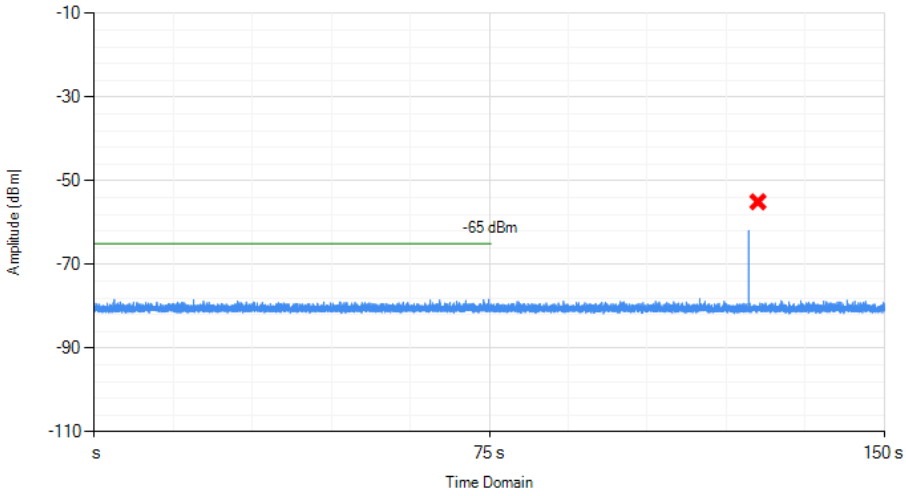
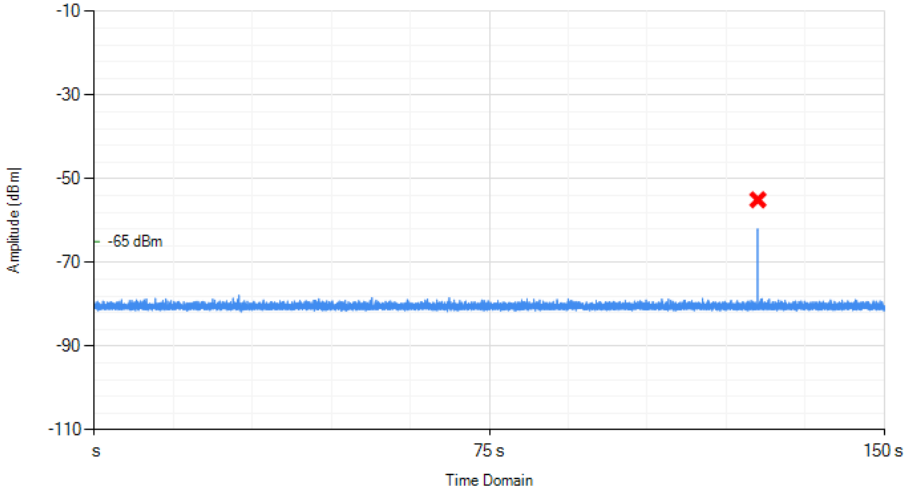
7. Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
8. Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

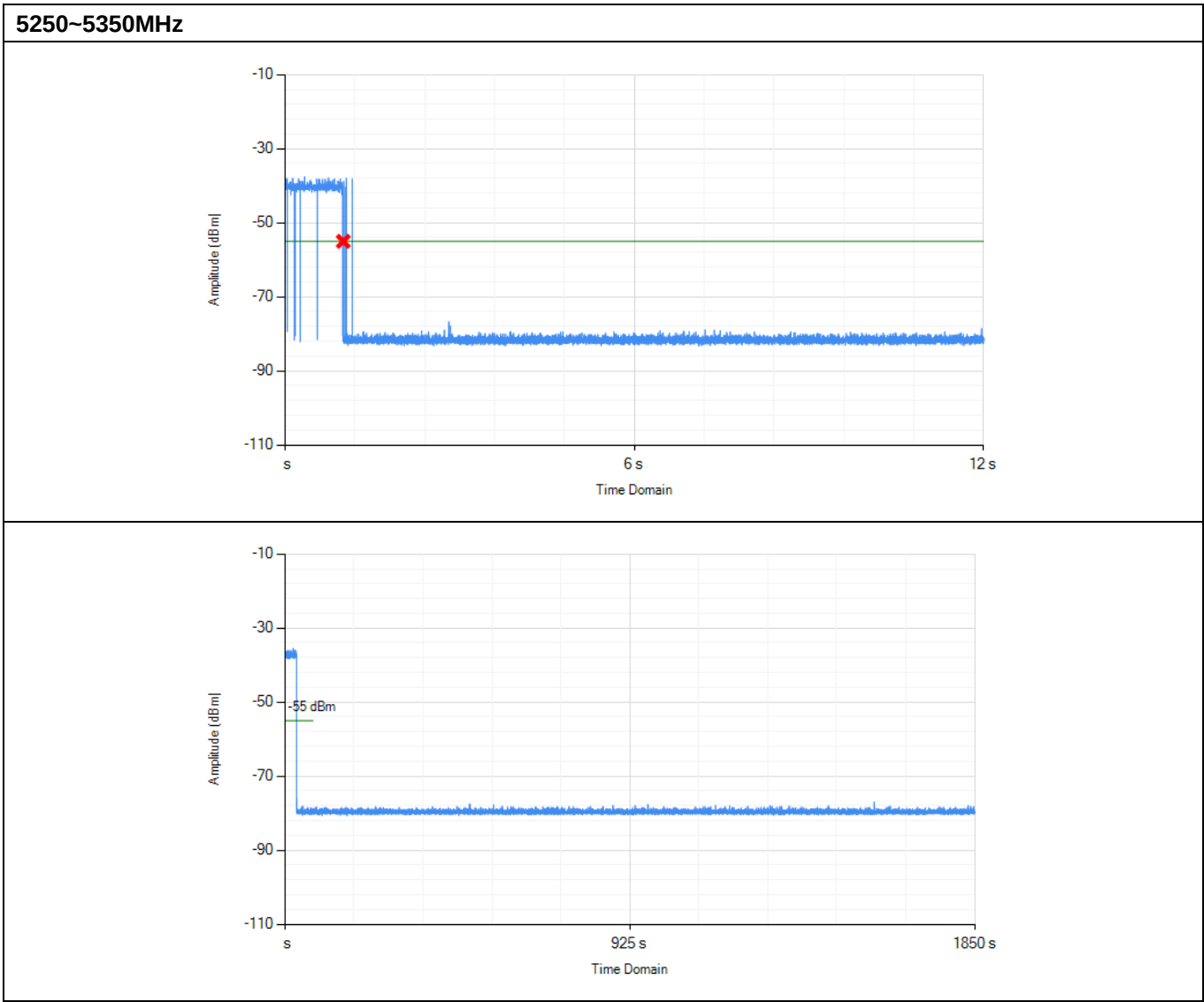
3.5 TEST RESULTS

Initial Channel Availability Check Time:

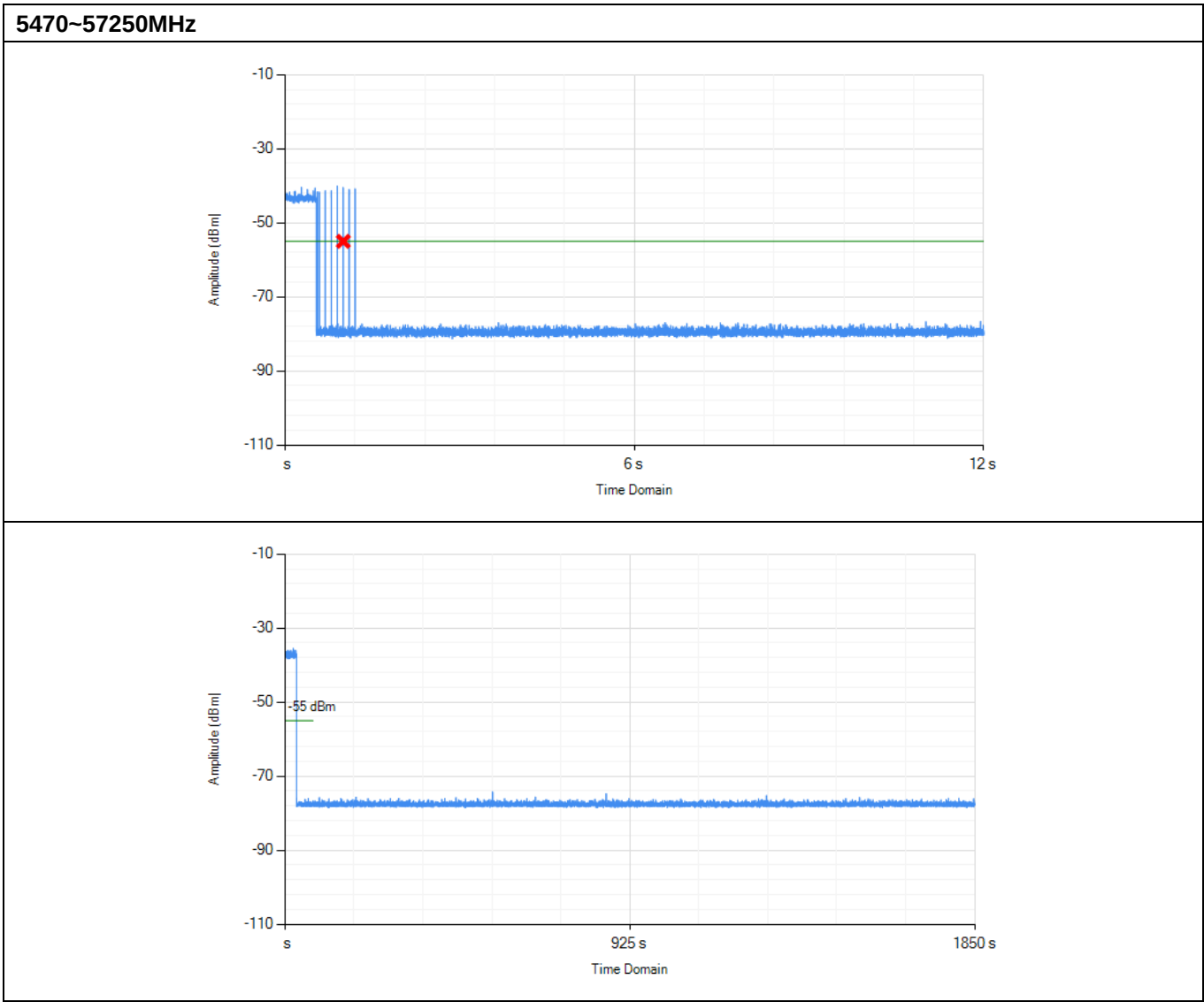
5250~5350MHz	
802.11ax(HE80) 5290MHz	
	Power Up Time(T1) (s)61.0s
	Channel transmissions start timee(s)127.0s
5470~5725MHz	
802.11ax(HE80) 5530MHz	
	Power Up Time(T1) (s)59.3s
	Channel transmissions start timee(s)127.4s

5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Radar burst at the beginning of the Channel Availability Check Timeee(s)	62.0s
5470~5725MHz		
802.11ax(HE80) 5530MHz		
	Radar burst at the beginning of the Channel Availability Check Timeee(s)	61.0s

5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Radar burst at the end of the ChannelAvailabiltv Check Timee(s)	126.0s
802.11ax(HE80) 5530MHz		
	Radar burst at the end of the Channel Availabiltv Check Timee(s)	126.0s



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5290MHz	Channel Move Time(s)	0.952s	<10s	Complied
	Channel Closing Transmission Time(ms)	18ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5530MHz	Channel Move Time(s)	0.408s	<10s	Complied
	Channel Closing Transmission Time(ms)	7.2ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied

UNII Detection Bandwidth Measurement:

Detection Bandwidth (802.11ax-HE20 mode-5260MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5266	Type 0	10	10	100	100	Complied
5267	Type 0	10	10	100	100	Complied
5268	Type 0	10	10	100	100	Complied
5269	Type 0	10	10	100	100	Complied
5269.7 FH	Type 0	10	10	100	100	Complied
5270	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5260MHz. The 99% channel bandwidth is 19.20MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5269.7MHz-5250.3MHz=19.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.						

Detection Bandwidth (802.11ax-HE40 mode-5270MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5251 FL	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5286	Type 0	10	10	100	100	Complied
5287	Type 0	10	10	100	100	Complied
5288	Type 0	10	10	100	100	Complied
5289 FH	Type 0	10	10	100	100	Complied
5290	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 37.76MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5290MHz-5251MHz=39MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.						

Detection Bandwidth (802.11ax-HE80 mode-5290MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5290	Type 0	10	10	100	100	Complied
5295	Type 0	10	10	100	100	Complied
5300	Type 0	10	10	100	100	Complied
5305	Type 0	10	10	100	100	Complied
5310	Type 0	10	10	100	100	Complied
5315	Type 0	10	10	100	100	Complied
5320	Type 0	10	10	100	100	Complied
5325	Type 0	10	10	100	100	Complied
5326	Type 0	10	10	100	100	Complied
5327	Type 0	10	10	100	100	Complied
5328	Type 0	10	10	100	100	Complied
5329	Type 0	10	10	100	100	Complied
5329.7 FH	Type 0	10	10	100	100	Complied
5330	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 79.36MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.						

UNII Detection Bandwidth Measurement:

Detection Bandwidth (802.11ax-HE20 mode-5500MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5490.3 FL	Type 0	10	10	100	100	Complied
5491	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5506	Type 0	10	10	100	100	Complied
5507	Type 0	10	10	100	100	Complied
5508	Type 0	10	10	100	100	Complied
5509	Type 0	10	10	100	100	Complied
5509.7 FH	Type 0	10	10	100	100	Complied
5510	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5260MHz. The 99% channel bandwidth is 19.20MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5269.7MHz-5250.3MHz=19.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.						

Detection Bandwidth (802.11ax-HE40 mode-5510MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5491 FL	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5510	Type 0	10	10	100	100	Complied
5515	Type 0	10	10	100	100	Complied
5520	Type 0	10	10	100	100	Complied
5525	Type 0	10	10	100	100	Complied
5526	Type 0	10	10	100	100	Complied
5527	Type 0	10	10	100	100	Complied
5528	Type 0	10	10	100	100	Complied
5529 FH	Type 0	10	10	100	100	Complied
5530	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 37.76MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5290MHz-5251MHz=39MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.						

Detection Bandwidth (802.11ax-HE80 mode-5530MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5490.3 FL	Type 0	10	10	100	100	Complied
5491	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5510	Type 0	10	10	100	100	Complied
5515	Type 0	10	10	100	100	Complied
5520	Type 0	10	10	100	100	Complied
5525	Type 0	10	10	100	100	Complied
5530	Type 0	10	10	100	100	Complied
5535	Type 0	10	10	100	100	Complied
5540	Type 0	10	10	100	100	Complied
5545	Type 0	10	10	100	100	Complied
5550	Type 0	10	10	100	100	Complied
5555	Type 0	10	10	100	100	Complied
5560	Type 0	10	10	100	100	Complied
5565	Type 0	10	10	100	100	Complied
5566	Type 0	10	10	100	100	Complied
5567	Type 0	10	10	100	100	Complied
5568	Type 0	10	10	100	100	Complied
5569	Type 0	10	10	100	100	Complied
5569.7 FH	Type 0	10	10	100	100	Complied
5570	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 79.36MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.						

Statistical Performance Check Measurement:

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	1	1930.5	518	0
2	5251	16	1222.5	818	1
3	5252	3	1792.1	558	1
4	5253	4	1730.1	578	1
5	5254	22	1066.1	938	1
6	5255	6	1618.1	618	0
7	5256	7	1567.4	638	1
8	5257	8	1519.8	658	1
9	5258	9	1474.9	678	1
10	5258	10	1432.7	698	1
11	5259	5	1672.2	598	1
12	5260	12	1355	738	1
13	5261	11	1392.8	718	0
14	5262	14	1285.3	778	1
15	5263	15	1253.1	798	1
16	5264	13	1319.3	758	1
17	5265	17	1193.3	838	1
18	5266	18	1165.6	858	1
19	5267	19	1139	878	1
20	5268	20	1113.6	898	1
21	5269	21	1089.3	918	1
22	5270	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5251	-	1692.0	591	1
25	5252	-	881.8	1134	1
26	5253	-	517.6	1932	1
27	5254	-	1216.5	822	1
28	5255	-	328.1	3048	1
29	5256	-	427.4	2340	1
30	5257	-	801.3	1248	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Number of Pulses	1=Detection 0=Detection
1	5250	1	186	23	1
2	5251	4	159	25	1
3	5252	5	219	23	1
4	5253	5	174	28	1
5	5254	4	215	25	0
6	5255	4	161	28	1
7	5256	3	180	27	1
8	5257	4	166	25	1
9	5258	2	229	23	1
10	5258	3	176	24	1
11	5259	1	153	27	1
12	5260	3	152	24	1
13	5261	3	192	23	1
14	5262	5	198	28	1
15	5263	3	173	24	1
16	5264	2	176	29	0
17	5265	3	204	24	1
18	5266	4	198	25	0
19	5267	3	183	26	1
20	5268	5	187	28	1
21	5269	1	211	24	1
22	5270	3	230	25	1
23	5250	3	204	23	1
24	5251	2	152	29	1
25	5252	1	188	24	0
26	5253	1	213	25	1
27	5254	4	180	29	1
28	5255	4	212	29	1
29	5256	1	151	25	1
30	5257	3	169	27	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	7	300	16	1
2	5251	8	200	17	1
3	5252	8	280	16	1
4	5253	9	377	16	1
5	5254	10	299	16	1
6	5255	6	476	17	1
7	5256	6	404	16	1
8	5257	8	291	18	1
9	5258	7	310	18	1
10	5258	6	445	16	1
11	5259	7	263	18	1
12	5260	8	353	18	1
13	5261	10	497	17	1
14	5262	9	490	17	1
15	5263	10	399	17	1
16	5264	10	228	17	1
17	5265	8	248	17	1
18	5266	10	290	17	1
19	5267	6	240	16	1
20	5268	9	476	16	1
21	5269	7	318	17	1
22	5270	10	426	17	1
23	5250	10	395	16	1
24	5251	10	250	18	0
25	5252	10	334	18	1
26	5253	6	314	17	1
27	5254	9	368	18	1
28	5255	9	253	18	0
29	5256	10	484	16	1
30	5257	9	287	18	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	19	342	16	1
2	5251	13	421	16	1
3	5252	19	249	15	0
4	5253	12	286	15	1
5	5254	18	468	13	1
6	5255	14	372	16	1
7	5256	12	359	14	0
8	5257	13	479	14	1
9	5258	17	326	14	1
10	5258	14	300	15	1
11	5259	11	216	14	1
12	5260	19	458	13	1
13	5261	12	340	16	1
14	5262	19	458	16	0
15	5263	11	311	15	1
16	5264	20	262	14	1
17	5265	15	239	14	1
18	5266	19	433	14	1
19	5267	19	242	14	1
20	5268	14	312	16	1
21	5269	13	243	12	1
22	5270	15	340	15	1
23	5250	16	380	15	1
24	5251	13	306	16	1
25	5252	11	416	12	1
26	5253	20	306	15	1
27	5254	13	218	14	1
28	5255	19	460	13	1
29	5256	20	226	15	1
30	5257	14	251	16	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	86.67
3	93.33
4	90.00
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5250	9	1	87	17	1604	1807	330	1
2	5251	17	1	55	9	1173	1917	696	1
3	5252	17	1	61	16	1837	1034	371	0
4	5253	18	2	61	9	1073	1759	573	1
5	5254	10	2	95	7	1474	1897	652	1
6	5255	18	1	56	19	1815	1365	612	1
7	5256	15	2	52	10	1552	1044	991	1
8	5257	19	3	67	17	1006	1297	114	1
9	5258	12	1	89	19	1205	2000	199	1
10	5258	17	1	87	6	1123	1768	537	1
11	5259	18	2	85	13	1566	1748	854	1
12	5260	17	1	69	11	1215	1695	359	1
13	5261	11	2	68	9	--	1947	640	1
14	5262	18	2	55	12	--	1769	806	1
15	5263	17	2	100	19	1526	1372	110	1
16	5264	12	2	54	5	1295	1334	896	1
17	5265	9	1	56	6	1665	1189	269	1
18	5266	10	1	92	13	--	--	661	1
19	5267	8	1	64	9	1320	1324	286	1
20	5268	15	2	93	16	1283	1645	349	1
21	5269	16	3	73	12	1865	--	991	1
22	5270	18	2	64	5	1750	1174	568	1
23	5250	16	1	91	12	1390	1542	160	1
24	5251	17	2	92	5	1161	1672	898	1
25	5252	9	1	83	20	1104	--	193	1
26	5253	14	2	93	6	1540	1043	667	1
27	5254	20	2	64	15	1123	1939	412	1
28	5255	19	2	63	13	1836	1149	386	1
29	5256	16	3	100	18	1177	1344	803	0
30	5257	19	2	58	17	1931	1035	275	1
Detection Percentage (%)									93.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5260	9	1	333	1
2	5260	9	1	333	1
3	5260	9	1	333	1
4	5260	9	1	333	1
5	5260	9	1	333	1
6	5260	9	1	333	1
7	5260	9	1	333	1
8	5260	9	1	333	1
9	5260	9	1	333	1
10	5260	9	1	333	1
11	5260	9	1	333	1
12	5260	9	1	333	1
13	5260	9	1	333	1
14	5260	9	1	333	1
15	5260	9	1	333	0
16	5260	9	1	333	1
17	5260	9	1	333	0
18	5260	9	1	333	1
19	5260	9	1	333	1
20	5260	9	1	333	1
21	5260	9	1	333	1
22	5260	9	1	333	1
23	5260	9	1	333	1
24	5260	9	1	333	1
25	5260	9	1	333	1
26	5260	9	1	333	1
27	5260	9	1	333	1
28	5260	9	1	333	1
29	5260	9	1	333	1
30	5260	9	1	333	1
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	1	1930.5	518	1
2	5278	16	1222.5	818	1
3	5253	3	1792.1	558	1
4	5286	4	1730.1	578	1
5	5269	22	1066.1	938	1
6	5287	6	1618.1	618	1
7	5282	7	1567.4	638	1
8	5283	8	1519.8	658	1
9	5276	9	1474.9	678	1
10	5259	10	1432.7	698	1
11	5262	5	1672.2	598	1
12	5272	12	1355	738	1
13	5289	11	1392.8	718	1
14	5273	14	1285.3	778	0
15	5290	15	1253.1	798	1
16	5250	13	1319.3	758	1
17	5286	17	1193.3	838	1
18	5262	18	1165.6	858	1
19	5288	19	1139	878	1
20	5289	20	1113.6	898	1
21	5256	21	1089.3	918	1
22	5263	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5284	-	1692.0	591	1
25	5262	-	881.8	1134	1
26	5260	-	517.6	1932	1
27	5268	-	1216.5	822	1
28	5284	-	328.1	3048	0
29	5251	-	427.4	2340	1
30	5279	-	801.3	1248	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	3	161	28	1
2	5278	3	205	23	1
3	5253	5	166	28	1
4	5286	4	150	26	1
5	5269	2	166	27	1
6	5287	1	223	24	0
7	5282	1	191	23	1
8	5283	5	167	24	1
9	5276	2	168	24	1
10	5259	3	194	24	1
11	5262	5	215	25	0
12	5272	5	208	23	1
13	5289	5	173	24	1
14	5273	2	226	27	1
15	5290	1	208	27	1
16	5250	4	195	26	1
17	5286	5	199	29	0
18	5262	1	212	26	1
19	5288	1	212	25	1
20	5289	2	216	29	1
21	5256	3	151	25	1
22	5263	3	180	26	1
23	5250	3	229	27	1
24	5284	5	167	25	1
25	5262	3	152	28	0
26	5260	3	166	29	1
27	5268	4	198	26	1
28	5284	2	150	24	1
29	5251	1	167	25	1
30	5279	4	208	27	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	8	223	17	1
2	5278	8	419	18	1
3	5253	7	420	16	0
4	5286	10	285	18	1
5	5269	6	335	18	1
6	5287	8	431	17	1
7	5282	8	347	17	1
8	5283	8	409	16	1
9	5276	7	484	16	1
10	5259	8	401	16	1
11	5262	9	432	17	1
12	5272	6	304	17	1
13	5289	6	452	17	1
14	5273	7	443	17	1
15	5290	10	298	17	1
16	5250	8	460	17	1
17	5286	7	235	16	1
18	5262	10	467	16	1
19	5288	9	272	16	1
20	5289	8	381	18	1
21	5256	8	495	16	1
22	5263	7	289	18	1
23	5250	6	233	17	1
24	5284	9	343	16	1
25	5262	9	499	18	1
26	5260	6	388	16	1
27	5268	9	258	18	1
28	5284	6	444	16	1
29	5251	10	346	18	1
30	5279	9	389	16	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	15	344	14	1
2	5278	17	313	13	0
3	5253	19	222	12	1
4	5286	11	408	16	1
5	5269	15	472	16	1
6	5287	16	212	13	1
7	5282	11	382	12	1
8	5283	18	210	14	1
9	5276	16	243	16	1
10	5259	13	348	14	0
11	5262	13	425	14	1
12	5272	19	343	16	1
13	5289	11	282	15	1
14	5273	12	221	12	1
15	5290	17	326	12	1
16	5250	18	500	12	1
17	5286	11	369	13	1
18	5262	14	278	13	1
19	5288	11	386	14	0
20	5289	13	456	14	1
21	5256	17	223	15	1
22	5263	12	485	14	1
23	5250	17	387	14	1
24	5284	19	236	14	1
25	5262	13	422	13	1
26	5260	17	389	15	1
27	5268	16	476	13	1
28	5284	18	227	13	1
29	5251	20	350	16	1
30	5279	11	447	14	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	86.67
3	96.66
4	90.00
Aggregate(Radar Types 1-4)	91.67
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	8	2	77	15	1437	1379	479	1
2	5278	18	2	81	12	1004	1714	119	1
3	5253	12	1	87	6	1397	1400	748	1
4	5286	15	2	78	8	1845	1384	222	1
5	5269	18	2	96	6	1729	1679	141	1
6	5287	15	1	82	16	1078	1590	756	1
7	5282	18	3	89	19	1684	--	643	1
8	5283	19	3	96	20	1627	1360	602	1
9	5276	11	3	64	12	1341	1921	502	1
10	5259	17	2	70	8	1033	1974	854	1
11	5262	17	3	58	8	1735	1123	450	1
12	5272	10	3	93	12	1360	1936	475	1
13	5289	19	2	57	7	--	--	324	1
14	5273	8	2	51	19	1816	1754	896	1
15	5290	20	2	67	6	1277	1717	326	1
16	5250	13	3	64	8	1252	1575	970	1
17	5286	12	2	72	9	--	1015	798	1
18	5262	15	3	82	17	1670	1293	440	1
19	5288	15	3	65	19	1761	1326	547	1
20	5289	19	3	52	19	1756	1375	829	1
21	5256	16	1	60	16	1465	1643	400	1
22	5263	17	2	80	12	1907	1891	55	1
23	5250	12	3	57	12	--	--	594	1
24	5284	8	2	95	11	1466	1016	12	1
25	5262	14	3	89	9	1136	1314	406	1
26	5260	19	2	78	9	1632	1876	537	1
27	5268	12	3	79	14	1919	--	130	1
28	5284	19	2	99	6	1258	1503	808	1
29	5251	19	1	94	11	1237	1147	402	1
30	5279	10	3	74	12	1813	1691	281	1
Detection Percentage (%)									100
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5270	9	1	333	1
2	5270	9	1	333	1
3	5270	9	1	333	1
4	5270	9	1	333	1
5	5270	9	1	333	1
6	5270	9	1	333	1
7	5270	9	1	333	1
8	5270	9	1	333	1
9	5270	9	1	333	1
10	5270	9	1	333	1
11	5270	9	1	333	1
12	5270	9	1	333	1
13	5270	9	1	333	1
14	5270	9	1	333	1
15	5270	9	1	333	1
16	5270	9	1	333	1
17	5270	9	1	333	1
18	5270	9	1	333	1
19	5270	9	1	333	1
20	5270	9	1	333	0
21	5270	9	1	333	1
22	5270	9	1	333	1
23	5270	9	1	333	1
24	5270	9	1	333	1
25	5270	9	1	333	1
26	5270	9	1	333	1
27	5270	9	1	333	0
28	5270	9	1	333	1
29	5270	9	1	333	1
30	5270	9	1	333	1
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	1	1930.5	518	1
2	5273	16	1222.5	818	0
3	5296	3	1792.1	558	1
4	5269	4	1730.1	578	1
5	5293	22	1066.1	938	1
6	5327	6	1618.1	618	1
7	5297	7	1567.4	638	1
8	5320	8	1519.8	658	1
9	5309	9	1474.9	678	0
10	5322	10	1432.7	698	1
11	5253	5	1672.2	598	1
12	5258	12	1355	738	1
13	5280	11	1392.8	718	1
14	5289	14	1285.3	778	1
15	5274	15	1253.1	798	1
16	5277	13	1319.3	758	1
17	5257	17	1193.3	838	1
18	5314	18	1165.6	858	1
19	5252	19	1139	878	1
20	5261	20	1113.6	898	1
21	5301	21	1089.3	918	0
22	5289	2	1858.7	538	1
23	5262	23	326.2	3066	1
24	5278	-	1692.0	591	1
25	5303	-	881.8	1134	1
26	5271	-	517.6	1932	1
27	5326	-	1216.5	822	1
28	5302	-	328.1	3048	1
29	5306	-	427.4	2340	0
30	5321	-	801.3	1248	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	5	176	24	1
2	5273	1	157	23	1
3	5296	1	196	27	1
4	5269	5	226	25	1
5	5293	4	190	24	1
6	5327	4	184	26	1
7	5297	5	150	26	1
8	5320	2	204	25	1
9	5309	4	192	26	1
10	5322	2	172	27	1
11	5253	1	162	28	1
12	5258	5	212	25	1
13	5280	5	167	27	1
14	5289	3	217	24	1
15	5274	4	156	24	1
16	5277	3	161	27	1
17	5257	2	162	27	1
18	5314	2	206	28	1
19	5252	2	194	25	1
20	5261	1	181	26	1
21	5301	4	214	27	1
22	5289	3	230	25	1
23	5262	5	207	23	1
24	5278	4	182	23	1
25	5303	1	226	28	1
26	5271	4	182	29	0
27	5326	5	163	24	1
28	5302	5	206	28	1
29	5306	4	228	24	1
30	5321	5	170	26	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	7	216	16	1
2	5273	9	252	17	1
3	5296	7	446	16	1
4	5269	6	314	18	1
5	5293	9	402	16	1
6	5327	6	282	16	1
7	5297	8	394	16	1
8	5320	10	255	17	1
9	5309	7	304	18	0
10	5322	6	297	17	1
11	5253	6	237	17	1
12	5258	8	254	16	0
13	5280	10	391	18	1
14	5289	10	408	17	1
15	5274	9	452	17	1
16	5277	10	269	17	1
17	5257	7	435	17	0
18	5314	9	469	17	1
19	5252	9	216	17	1
20	5261	6	332	17	1
21	5301	10	292	16	1
22	5289	8	420	18	1
23	5262	9	235	17	1
24	5278	9	344	17	1
25	5303	10	213	18	1
26	5271	8	289	18	1
27	5326	9	409	17	1
28	5302	6	232	17	1
29	5306	10	343	17	1
30	5321	10	481	16	0
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	20	455	16	1
2	5273	14	477	12	1
3	5296	18	377	14	1
4	5269	12	428	14	1
5	5293	20	475	14	1
6	5327	20	310	16	1
7	5297	16	336	14	1
8	5320	16	345	14	1
9	5309	13	278	16	1
10	5322	14	446	16	1
11	5253	16	444	15	1
12	5258	20	488	13	1
13	5280	15	444	12	0
14	5289	19	265	15	1
15	5274	13	451	13	1
16	5277	13	303	16	1
17	5257	11	347	14	0
18	5314	14	412	13	1
19	5252	19	235	15	1
20	5261	16	471	15	1
21	5301	19	456	16	1
22	5289	16	353	13	1
23	5262	13	424	12	1
24	5278	18	278	12	1
25	5303	19	398	13	1
26	5271	20	268	16	1
27	5326	19	302	14	1
28	5302	20	304	14	1
29	5306	14	360	13	1
30	5321	16	360	16	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	86.67
2	96.67
3	86.67
4	90.00
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5288	13	3	82	17	1168	1661	708	1
2	5273	17	2	88	6	1473	1678	553	1
3	5296	13	2	99	7	1127	1536	888	1
4	5269	13	1	96	13	1129	1534	549	1
5	5293	8	1	86	8	1478	1716	575	1
6	5327	15	3	90	17	1674	--	838	1
7	5297	19	3	71	17	--	--	962	1
8	5320	11	3	56	16	1045	--	888	1
9	5309	14	1	51	14	1853	1763	242	1
10	5322	14	3	69	7	1483	1850	84	1
11	5253	19	2	69	13	--	1596	818	1
12	5258	9	3	100	10	--	1222	777	1
13	5280	11	3	56	5	--	1132	737	1
14	5289	17	1	53	19	1759	1594	26	1
15	5274	19	3	70	10	1938	1842	920	1
16	5277	14	1	65	14	1720	1834	833	1
17	5257	15	3	95	7	--	1871	804	1
18	5314	9	3	56	10	--	--	780	1
19	5252	19	1	59	6	1584	1806	686	1
20	5261	13	2	91	14	1951	1374	102	1
21	5301	13	2	100	13	1573	1994	892	1
22	5289	14	2	56	15	1802	1042	546	1
23	5262	18	1	70	15	1412	--	655	1
24	5278	15	3	80	19	--	1817	358	1
25	5303	14	2	90	18	1272	1019	462	1
26	5271	17	3	71	20	1887	1905	803	1
27	5326	14	2	76	5	1299	1521	684	1
28	5302	12	1	74	12	1496	1875	113	1
29	5306	19	3	58	13	1306	1227	616	1
30	5321	18	1	82	20	1535	1189	527	1
Detection Percentage (%)									100
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5290	9	1	333	1
2	5290	9	1	333	1
3	5290	9	1	333	1
4	5290	9	1	333	1
5	5290	9	1	333	1
6	5290	9	1	333	1
7	5290	9	1	333	1
8	5290	9	1	333	1
9	5290	9	1	333	1
10	5290	9	1	333	1
11	5290	9	1	333	1
12	5290	9	1	333	1
13	5290	9	1	333	1
14	5290	9	1	333	1
15	5290	9	1	333	1
16	5290	9	1	333	1
17	5290	9	1	333	1
18	5290	9	1	333	1
19	5290	9	1	333	1
20	5290	9	1	333	1
21	5290	9	1	333	1
22	5290	9	1	333	1
23	5290	9	1	333	1
24	5290	9	1	333	1
25	5290	9	1	333	1
26	5290	9	1	333	1
27	5290	9	1	333	1
28	5290	9	1	333	1
29	5290	9	1	333	0
30	5290	9	1	333	0
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

Statistical Performance Check Measurement:

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5491	1	1930.5	518	1
2	5492	16	1222.5	818	1
3	5506	3	1792.1	558	1
4	5497	4	1730.1	578	1
5	5491	22	1066.1	938	1
6	5502	6	1618.1	618	0
7	5500	7	1567.4	638	1
8	5497	8	1519.8	658	1
9	5498	9	1474.9	678	1
10	5510	10	1432.7	698	1
11	5502	5	1672.2	598	1
12	5492	12	1355	738	1
13	5492	11	1392.8	718	1
14	5502	14	1285.3	778	1
15	5495	15	1253.1	798	1
16	5495	13	1319.3	758	1
17	5494	17	1193.3	838	1
18	5509	18	1165.6	858	1
19	5508	19	1139	878	1
20	5508	20	1113.6	898	1
21	5491	21	1089.3	918	1
22	5507	2	1858.7	538	1
23	5504	23	326.2	3066	1
24	5498	-	1692.0	591	1
25	5496	-	881.8	1134	1
26	5500	-	517.6	1932	0
27	5491	-	1216.5	822	1
28	5494	-	328.1	3048	1
29	5501	-	427.4	2340	1
30	5510	-	801.3	1248	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Number of Pulses	1=Detection 0=Detection
1	5277	1	224	24	1
2	5273	2	168	29	1
3	5299	5	222	23	1
4	5317	1	228	26	1
5	5259	4	171	29	1
6	5316	2	162	26	1
7	5274	1	179	29	1
8	5321	4	192	25	1
9	5285	2	172	29	1
10	5314	2	186	26	1
11	5323	4	228	28	1
12	5266	3	214	23	1
13	5308	3	195	27	1
14	5276	2	221	23	0
15	5312	2	192	29	1
16	5275	1	161	26	1
17	5295	5	200	23	1
18	5276	5	172	28	1
19	5282	4	162	28	1
20	5253	4	152	24	1
21	5309	1	225	25	1
22	5287	3	163	29	1
23	5279	3	188	24	1
24	5280	2	204	29	1
25	5327	2	225	25	1
26	5317	3	169	27	1
27	5286	2	159	23	1
28	5275	1	216	26	1
29	5299	1	230	24	1
30	5288	5	174	27	0
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5240	6	387	18	1
2	5275	8	392	18	0
3	5252	6	229	18	1
4	5214	10	324	18	1
5	5273	6	276	17	1
6	5267	6	448	16	1
7	5249	10	296	17	1
8	5255	9	302	18	1
9	5266	6	293	18	1
10	5276	7	223	18	1
11	5273	7	357	18	0
12	5259	9	356	17	1
13	5268	7	400	18	1
14	5269	6	380	17	1
15	5273	7	395	18	0
16	5247	9	493	18	1
17	5236	9	439	17	1
18	5275	10	264	18	1
19	5221	8	323	16	1
20	5217	9	313	16	1
21	5226	9	409	18	1
22	5272	9	373	17	0
23	5262	7	389	16	1
24	5281	9	299	16	1
25	5262	8	325	18	1
26	5212	8	212	18	1
27	5249	10	322	17	1
28	5264	9	310	17	1
29	5245	8	409	18	1
30	5274	10	270	16	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5268	11	474	15	1
2	5279	11	386	16	1
3	5255	12	292	15	0
4	5268	20	380	16	1
5	5258	19	253	12	1
6	5284	12	320	13	1
7	5259	17	393	13	0
8	5290	18	390	14	1
9	5287	11	334	14	1
10	5282	14	201	13	1
11	5273	15	233	14	1
12	5250	15	482	13	1
13	5283	13	279	16	1
14	5252	13	273	16	0
15	5288	14	454	15	1
16	5260	11	279	12	1
17	5285	15	438	15	1
18	5264	19	320	14	1
19	5266	16	330	16	1
20	5271	19	402	16	1
21	5252	12	428	14	1
22	5253	17	258	16	1
23	5262	12	387	13	1
24	5288	12	310	16	1
25	5254	11	352	12	1
26	5252	13	328	16	1
27	5283	16	234	15	1
28	5263	19	324	16	1
29	5263	16	489	15	1
30	5263	16	269	15	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	93.33
3	86.67
4	90.00
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	15	1	56	14	1188	1610	502	1
2	5278	9	3	96	11	1351	1559	155	1
3	5253	15	1	65	20	1934	1714	394	0
4	5286	10	3	68	10	1863	1322	140	1
5	5269	9	2	91	11	--	--	927	1
6	5287	13	3	91	10	1638	1632	991	1
7	5282	12	1	97	6	1765	1705	138	1
8	5283	10	3	97	12	1670	1021	190	1
9	5276	19	2	86	20	1879	1902	830	1
10	5259	11	2	96	9	1307	1162	148	1
11	5262	12	1	94	10	1635	--	813	1
12	5272	9	1	100	20	1889	1966	378	1
13	5289	10	3	86	16	1149	1946	981	1
14	5273	12	3	59	20	1668	1225	91	1
15	5290	13	3	63	15	--	1348	785	1
16	5250	14	2	80	8	1777	1591	705	0
17	5286	13	2	65	16	1677	1816	712	1
18	5262	11	2	70	10	1394	1255	710	1
19	5288	16	2	86	9	1634	1548	266	1
20	5289	13	3	53	5	1683	1279	829	1
21	5256	19	2	99	13	1090	1825	250	1
22	5263	16	2	68	11	--	1865	595	1
23	5250	9	3	57	5	1958	1643	747	1
24	5284	12	2	54	5	1161	1967	32	1
25	5262	20	1	72	10	1784	1361	207	1
26	5260	20	2	91	18	--	--	74	1
27	5268	16	2	97	9	1896	--	278	1
28	5284	17	2	55	12	1744	1268	330	1
29	5251	12	1	92	6	1420	1778	997	0
30	5279	19	2	55	11	1810	1985	918	1
Detection Percentage (%)									90.00
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5491	9	1	333	1
2	5492	9	1	333	1
3	5506	9	1	333	1
4	5497	9	1	333	1
5	5491	9	1	333	1
6	5502	9	1	333	0
7	5500	9	1	333	1
8	5497	9	1	333	1
9	5498	9	1	333	1
10	5510	9	1	333	1
11	5502	9	1	333	1
12	5492	9	1	333	0
13	5492	9	1	333	1
14	5502	9	1	333	1
15	5495	9	1	333	1
16	5495	9	1	333	1
17	5494	9	1	333	1
18	5509	9	1	333	1
19	5508	9	1	333	1
20	5508	9	1	333	0
21	5491	9	1	333	1
22	5507	9	1	333	0
23	5504	9	1	333	1
24	5498	9	1	333	1
25	5496	9	1	333	1
26	5500	9	1	333	1
27	5491	9	1	333	1
28	5494	9	1	333	1
29	5501	9	1	333	1
30	5510	9	1	333	1
Detection Percentage (%)					86.67
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5522	1	1930.5	518	1
2	5504	16	1222.5	818	1
3	5508	3	1792.1	558	1
4	5504	4	1730.1	578	0
5	5508	22	1066.1	938	1
6	5516	6	1618.1	618	1
7	5522	7	1567.4	638	1
8	5500	8	1519.8	658	1
9	5497	9	1474.9	678	1
10	5516	10	1432.7	698	1
11	5528	5	1672.2	598	1
12	5504	12	1355	738	1
13	5500	11	1392.8	718	1
14	5529	14	1285.3	778	1
15	5521	15	1253.1	798	1
16	5495	13	1319.3	758	1
17	5502	17	1193.3	838	1
18	5500	18	1165.6	858	1
19	5497	19	1139	878	1
20	5504	20	1113.6	898	1
21	5513	21	1089.3	918	0
22	5527	2	1858.7	538	1
23	5511	23	326.2	3066	1
24	5528	-	1692.0	591	1
25	5517	-	881.8	1134	1
26	5521	-	517.6	1932	1
27	5509	-	1216.5	822	1
28	5499	-	328.1	3048	0
29	5493	-	427.4	2340	1
30	5501	-	801.3	1248	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5296	1	201	28	1
2	5263	1	206	29	1
3	5280	2	151	29	1
4	5310	2	194	25	1
5	5300	3	169	29	1
6	5290	5	223	24	0
7	5252	1	196	24	1
8	5299	4	214	26	1
9	5321	5	215	29	1
10	5270	5	216	26	1
11	5314	5	214	29	0
12	5301	3	174	26	1
13	5323	4	218	27	1
14	5259	1	161	23	1
15	5256	1	206	28	1
16	5297	2	206	27	1
17	5301	3	220	23	0
18	5274	5	180	27	1
19	5299	2	219	23	1
20	5251	2	221	27	1
21	5281	1	199	27	1
22	5290	3	164	25	1
23	5315	2	176	24	1
24	5298	3	222	23	1
25	5252	2	218	25	1
26	5264	1	227	23	1
27	5256	2	221	27	1
28	5283	4	154	28	1
29	5330	3	187	29	1
30	5282	3	216	27	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5222	9	231	18	1
2	5226	7	322	17	1
3	5227	9	482	16	0
4	5233	8	313	16	1
5	5215	7	362	18	1
6	5279	7	340	16	1
7	5214	9	487	16	1
8	5241	9	497	17	1
9	5265	6	458	16	1
10	5235	8	282	16	1
11	5237	8	283	16	1
12	5277	10	319	18	1
13	5261	8	471	16	1
14	5223	7	222	17	1
15	5278	9	405	16	1
16	5247	9	341	18	0
17	5253	10	325	17	1
18	5255	10	239	18	1
19	5245	10	278	16	1
20	5213	7	209	16	1
21	5243	8	440	18	1
22	5266	6	231	18	1
23	5251	7	373	16	1
24	5218	7	379	18	1
25	5278	10	277	17	1
26	5221	7	334	17	1
27	5224	9	418	18	1
28	5221	8	438	18	1
29	5248	10	254	16	1
30	5249	7	218	18	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5263	18	304	13	1
2	5276	13	392	16	0
3	5290	11	496	14	1
4	5287	11	250	14	1
5	5290	15	461	13	1
6	5258	12	392	16	1
7	5252	12	453	14	1
8	5283	18	285	12	1
9	5283	16	227	12	1
10	5284	12	406	13	0
11	5282	19	300	12	1
12	5262	11	302	13	1
13	5266	11	337	13	1
14	5264	14	307	16	1
15	5275	19	489	16	1
16	5267	13	471	12	1
17	5256	17	204	12	1
18	5272	17	367	13	1
19	5274	17	205	14	0
20	5287	11	279	14	1
21	5282	17	298	15	1
22	5256	11	422	12	0
23	5287	13	309	15	1
24	5267	15	350	16	1
25	5270	17	349	15	1
26	5276	13	395	14	1
27	5252	14	435	13	1
28	5264	13	407	12	1
29	5257	12	325	15	1
30	5266	13	241	12	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	90.00
3	93.33
4	86.67
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	15	1	89	10	1469	1704	443	1
2	5278	9	2	63	20	1285	1894	69	1
3	5253	15	2	88	8	1305	1727	413	1
4	5286	16	1	90	16	1738	1608	691	1
5	5269	15	1	70	16	1238	1952	577	1
6	5287	10	2	93	14	1710	1509	544	1
7	5282	11	2	67	8	1812	1263	575	1
8	5283	13	3	96	20	1210	1341	363	1
9	5276	11	3	96	19	1341	1927	286	1
10	5259	15	1	87	5	1790	1367	485	1
11	5262	10	2	55	8	1873	1936	55	1
12	5272	19	1	74	19	1250	1289	802	0
13	5289	9	2	98	17	1094	1543	68	1
14	5273	16	2	73	14	1476	1420	860	1
15	5290	18	1	90	14	1080	1790	599	1
16	5250	19	1	74	16	1525	1457	990	1
17	5286	15	3	53	18	1231	1767	448	1
18	5262	17	1	55	18	1121	1111	182	1
19	5288	14	1	67	5	1570	1305	898	1
20	5289	9	1	93	18	1727	1043	25	1
21	5256	20	2	79	11	1879	1333	838	1
22	5263	15	1	96	8	1193	1204	201	1
23	5250	13	1	83	17	1007	1169	99	1
24	5284	11	2	85	20	1402	1287	947	1
25	5262	11	2	76	17	1514	1035	198	1
26	5260	20	3	60	19	1563	1743	402	1
27	5268	9	3	69	17	1640	1420	451	1
28	5284	9	3	78	11	1655	1344	932	1
29	5251	15	3	93	6	1321	1936	510	0
30	5279	20	3	75	18	1911	1046	623	1
Detection Percentage (%)									93.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5510	9	1	333	1
2	5510	9	1	333	1
3	5510	9	1	333	1
4	5510	9	1	333	1
5	5510	9	1	333	1
6	5510	9	1	333	1
7	5510	9	1	333	1
8	5510	9	1	333	1
9	5510	9	1	333	1
10	5510	9	1	333	1
11	5510	9	1	333	1
12	5510	9	1	333	1
13	5510	9	1	333	1
14	5510	9	1	333	1
15	5510	9	1	333	1
16	5510	9	1	333	1
17	5510	9	1	333	1
18	5510	9	1	333	1
19	5510	9	1	333	1
20	5510	9	1	333	1
21	5510	9	1	333	1
22	5510	9	1	333	1
23	5510	9	1	333	1
24	5510	9	1	333	1
25	5510	9	1	333	1
26	5510	9	1	333	1
27	5510	9	1	333	0
28	5510	9	1	333	1
29	5510	9	1	333	1
30	5510	9	1	333	1
Detection Percentage (%)					96.66
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5546	1	1930.5	518	1
2	5536	16	1222.5	818	0
3	5524	3	1792.1	558	1
4	5511	4	1730.1	578	1
5	5498	22	1066.1	938	1
6	5527	6	1618.1	618	1
7	5500	7	1567.4	638	1
8	5547	8	1519.8	658	1
9	5534	9	1474.9	678	1
10	5549	10	1432.7	698	1
11	5507	5	1672.2	598	1
12	5536	12	1355	738	1
13	5497	11	1392.8	718	1
14	5539	14	1285.3	778	1
15	5517	15	1253.1	798	1
16	5554	13	1319.3	758	1
17	5542	17	1193.3	838	1
18	5520	18	1165.6	858	1
19	5554	19	1139	878	1
20	5564	20	1113.6	898	1
21	5521	21	1089.3	918	1
22	5550	2	1858.7	538	1
23	5533	23	326.2	3066	1
24	5506	-	1692.0	591	1
25	5494	-	881.8	1134	1
26	5540	-	517.6	1932	1
27	5515	-	1216.5	822	1
28	5491	-	328.1	3048	1
29	5494	-	427.4	2340	0
30	5527	-	801.3	1248	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5267	5	151	24	1
2	5268	2	192	24	1
3	5281	2	181	28	1
4	5284	4	195	27	1
5	5259	1	167	26	1
6	5310	3	213	24	1
7	5258	2	219	26	1
8	5284	3	190	28	1
9	5319	4	156	26	1
10	5254	2	157	25	1
11	5310	4	202	25	1
12	5301	1	200	27	0
13	5259	1	161	24	1
14	5283	4	223	29	1
15	5313	1	155	25	1
16	5302	5	197	27	1
17	5313	3	212	28	1
18	5316	5	207	28	1
19	5325	1	222	26	1
20	5328	3	224	29	0
21	5324	5	226	26	1
22	5274	4	163	26	1
23	5323	2	229	23	1
24	5313	1	150	26	1
25	5269	5	159	27	1
26	5290	5	188	27	0
27	5274	2	173	24	1
28	5306	1	229	27	1
29	5302	4	192	27	1
30	5310	1	179	28	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	8	486	16	1
2	5218	7	313	17	1
3	5283	9	288	18	1
4	5238	8	332	17	1
5	5226	9	225	17	1
6	5284	7	480	16	1
7	5249	9	382	18	1
8	5217	8	440	16	1
9	5256	7	457	17	0
10	5234	6	395	18	1
11	5216	7	413	17	1
12	5267	9	371	18	1
13	5270	7	285	17	1
14	5213	10	317	16	1
15	5266	7	242	18	1
16	5232	7	327	18	1
17	5238	7	367	17	0
18	5225	8	385	17	1
19	5235	6	222	18	1
20	5223	9	356	16	1
21	5222	8	316	17	1
22	5218	6	437	17	1
23	5286	9	374	18	1
24	5213	7	293	16	1
25	5283	8	247	17	1
26	5241	8	284	18	1
27	5285	8	295	16	1
28	5223	7	438	16	1
29	5217	10	357	16	1
30	5237	7	409	18	0
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5273	16	321	15	0
2	5263	15	310	13	1
3	5253	18	256	14	1
4	5284	12	241	16	1
5	5265	19	314	15	1
6	5279	17	214	13	1
7	5278	16	436	16	1
8	5290	12	252	13	1
9	5251	12	299	12	1
10	5285	11	260	15	1
11	5260	14	397	12	1
12	5256	16	256	16	1
13	5258	20	450	15	0
14	5268	15	396	12	1
15	5259	16	248	16	1
16	5271	16	500	12	1
17	5252	11	394	13	0
18	5278	13	248	12	1
19	5263	15	305	15	1
20	5287	11	455	15	1
21	5285	20	217	16	1
22	5272	20	275	13	0
23	5270	17	300	13	1
24	5271	18	372	14	1
25	5254	15	355	16	1
26	5282	14	496	13	1
27	5255	17	383	15	1
28	5272	17	384	15	1
29	5268	18	260	16	1
30	5284	16	246	14	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	90.00
3	93.33
4	86.67
Aggregate(Radar Types 1-4)	90.83
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	14	3	81	19	1274	1777	715	1
2	5278	17	2	64	9	1580	1523	478	1
3	5253	19	1	80	6	--	--	925	1
4	5286	9	1	96	17	--	--	200	1
5	5269	13	3	73	16	1981	1423	862	1
6	5287	19	2	58	19	1483	1724	989	1
7	5282	13	3	54	14	1006	1008	354	1
8	5283	8	2	68	6	1244	1392	561	1
9	5276	20	2	54	20	1993	1649	729	1
10	5259	8	3	73	12	1087	1943	427	1
11	5262	12	3	63	7	1265	1432	667	1
12	5272	8	3	60	12	1900	1768	959	1
13	5289	19	1	57	15	1552	1358	879	1
14	5273	13	1	75	19	1647	1268	329	1
15	5290	14	3	96	17	1169	1074	452	1
16	5250	10	2	59	7	--	1698	667	1
17	5286	9	1	52	17	1052	1347	630	1
18	5262	12	2	71	11	1518	1875	183	1
19	5288	16	3	71	19	1701	1306	118	1
20	5289	19	2	55	14	1444	1501	296	1
21	5256	8	3	99	13	1766	1730	641	1
22	5263	12	1	92	11	1111	1648	622	1
23	5250	11	2	65	12	1578	1405	796	0
24	5284	20	3	63	16	--	--	914	1
25	5262	10	2	93	7	1305	1219	485	1
26	5260	8	3	70	17	1717	1524	299	1
27	5268	9	2	65	8	1928	1020	622	1
28	5284	18	2	93	14	1512	1079	567	1
29	5251	19	1	58	10	1686	1776	377	1
30	5279	16	2	70	19	1567	--	667	1
Detection Percentage (%)									96.67
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5530	9	1	333	1
2	5530	9	1	333	1
3	5530	9	1	333	0
4	5530	9	1	333	1
5	5530	9	1	333	1
6	5530	9	1	333	1
7	5530	9	1	333	1
8	5530	9	1	333	1
9	5530	9	1	333	1
10	5530	9	1	333	1
11	5530	9	1	333	1
12	5530	9	1	333	1
13	5530	9	1	333	1
14	5530	9	1	333	1
15	5530	9	1	333	1
16	5530	9	1	333	1
17	5530	9	1	333	1
18	5530	9	1	333	1
19	5530	9	1	333	1
20	5530	9	1	333	1
21	5530	9	1	333	1
22	5530	9	1	333	1
23	5530	9	1	333	1
24	5530	9	1	333	1
25	5530	9	1	333	1
26	5530	9	1	333	1
27	5530	9	1	333	1
28	5530	9	1	333	1
29	5530	9	1	333	1
30	5530	9	1	333	0
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS

DFS Test Setup



***** END OF REPORT *****