FCC DFS TEST REPORT

Applicant	:	D-Link Corporation
Address	:	14420 Myford Road Suite 100 Irvine California United States 92606
Equipment	:	1.BE3600 Wi-Fi 7 Smart Router 2.Wi-Fi 7 BE3600 Mesh Router
Model No.	:	R36
Trade Name	:	D-Link
FCC ID	:	KA2R36B1

I HEREBY CERTIFY THAT :

The sample was received on Dec. 24, 2024 and the testing was completed on Apr. 11, 2025 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Supervisor

Laboratory Accreditation:

Cerpass Technology Corporation Test Laboratory

CONTENTS

History of this test report

Report No.	Issued Date	Description
25020394-TRFCC03	May. 05, 2025	Original

1. Summary of Test Procedure and Test Results

1.1. Applicable Standards

ANSI C63.10:2013

FCC Rules and Regulations Part 15 Subpart E §15.407

KDB 789033

KDB Publication 905462 D02 U-NII DFS Compliance Procedures New Rules v02 (April 8, 2016)

FCC Rule	Description of Test	Result
15.407	Dynamic Frequency Selection	PASS

*The lab has reduced the uncertainty risk factor from test equipment, environment and staff technicians which according to the standard on contract. Therefore, the test result will only be determined by standard requirement,measurement uncertainty evaluation is not considered.

2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	802.11b/g/n(Turbo QAM)/ax/be: 2400-2483.5MHz 802.11a/n/ac/ax/be: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5875MHz
Center Frequency Range	802.11b/g/n(Turbo QAM)/ax/be: 2412MHz-2462MHz 802.11a/n/ac/ax/be: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Modulation Type	2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM, 256QAM(TurboQAM) 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 802.11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM 5GHz: 802.11n/a: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 802.11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
Modulation Technology	DSSS, OFDM, OFDMA
Data Rate	2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15,HT20/40 MCS0 – MCS9, VHT20/40(TurboQAM) 802.11ax: MCS0 – MCS11,HE20/40 802.11be: MCS0 – MCS13,EHT20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80/160 802.11ax: MCS0 – MCS11,HE20/40/80/160 802.11be: MCS0 – MCS13,EHT20/40/80/160
Antenna Type	Dipole Antenna
Antenna Gain	2400-2500MHz: ANT B: 1.42dBi, ANT C: 1.74dBi 5150-5250MHz: ANT A 1.48dBi, ANT D: 0.74dBi 5250-5350MHz: ANT A 1.11dBi, ANT D: 1.28dBi 5470-5725MHz: ANT A 1.37dBi, ANT D: 1.47dBi 5725-5850MHz: ANT A 1.37dBi, ANT D: 1.88dBi
Adapter	1. Brand: AMIGO, Model: AMS200-1201500F 2. Brand: AMIGO, Model: AMS200-1201500FU
RJ45 Cable	1. Brand: Nienyi, Model: NYS6200

Note:
1. EUT support TPC Function.
2. EUT support AP Mode(Master)
3. EUT support Bridge/Extender/Mesh Mode(Master/Client)
4. AP mode& Mesh client mode were worst case, hence, are used at test report.
5. EUT only support Full RU.
6. EUT FW: 1.00.12
7. WLAN 2.4GHz 802.11ax/be support beamforming Function.
8. WLAN 5GHz 802.11ax/be support beamforming Function.
9. For more details, please refer to the User's manual of the EUT.

2.2. Description of Test System

DFS(AP mode)					
Equipment	Brand	Model	Length/Type	Power cord/Length/Type	FCC ID
Notebook	Lenovo	L440	N/A	Adapter / 1.8m / NS	-
Notebook	HP	CRIUS N310-G1	N/A	Adapter / 1.8m / NS	2BDS2-CRIUS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A	-

DFS(Mesh client mode)				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	Lenovo	L440	N/A	Adapter / 1.8m / NS
Notebook	Lenovo	L440	N/A	Adapter / 1.8m / NS
RJ45 Cable*2	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A

2.3. General Information of Test

Organization	Cerpass Technology Corp.	
☒ Test Site	Cerpass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel: +886-3-3226-888 Fax: +886-3-3226-881	
	FCC	TW1439, TW1079
	IC	4934E-1, 4934E-2
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 40,000MHz	
Test Distance	The test distance of radiated emission from antenna to EUT is 3 M.	

Test Item	Test Site	Test period	Environmental Conditions	Tested By
DFS	RFDFS01-NK	2025/04/11	25.7℃ / 55%	Eason Hsu

2.4. Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Item	Uncertainty
Channel Move Time	±5.6%
Channel Closing Transmission Time	±7.4%
Threshold	±2.5dB

3. Test Equipment and Ancillaries Used for Tests

Test Item	DFS				
Test Site	RFDFS01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100291	2024/10/15	2025/10/14
MXG-B RF Vector Signal Generator + Frequency Extender	KEYSIGHT	N5182B+ N5182BX07	MY53051383+ MY59362519	2025/02/11	2026/02/10
Control BOX	World-pallas	AD222	L4490A	NA	NA
IOT0047A	KEYSIGHT	24.12.13.14	NA	NA	NA
N7607C Signal Studio	KEYSIGHT	v1.5.5.0	NA	NA	NA
InServiceMonitorUtility	Theda	v10.0.0.0	NA	NA	NA

4. Antenna Requirements

4.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.2. Antenna Construction and Directional Gain

Antenna Type	Dipole Antenna
Antenna Gain	5250-5350MHz: ANT A 1.11dBi, ANT D: 1.28dBi 5470-5725MHz: ANT A 1.37dBi, ANT D: 1.47dBi

5. Dynamic Frequency Selection

5.1. List of Measurement and Examinations

EUT Applicability of DFS requirements and Frequency Range

Operation Mode		Operating Frequency Range	
		5250-5350MHz	5470-5725MHz (Support 5600MHz-5650MHz)
Master	√	√	√
Client without radar detection	--	--	--
Client with radar detection	--	--	--

DEVICES WITH RADAR DETECTION

MAXIMUM TRANSMIT POWER	VALUE (SEE Note 1 and 2)
≥ 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	

Table1: Applicability of DFS requirements prior to use of a channel

REQUIREMENT RADAR	OPERATIONAL MODE		
	MASTER	CLIENT WITHOUT RADAR DETECTION	CLIENT WITH RADAR DETECTION
Non-Occupancy Period	V	Not required	V
DFS Detection Threshold	V	Not required	V
Channel Availability Check Time	V	Not required	Not required
U-NII Detection Bandwidth	V	Not required	V

Table2: Applicability of DFS requirements during normal operation

REQUIREMENT RADAR	OPERATIONAL MODE		
	MASTER	CLIENT WITHOUT RADAR DETECTION	CLIENT WITH RADAR DETECTION
DFS Detection Threshold	V	Not required	V
Channel Closing Transmission Time	V	V	V
Channel Move Time	V	V	V
U-NII Detection Bandwidth	V	Not required	V

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

5.2. Test Setup

Setup for Master with injection at the Master

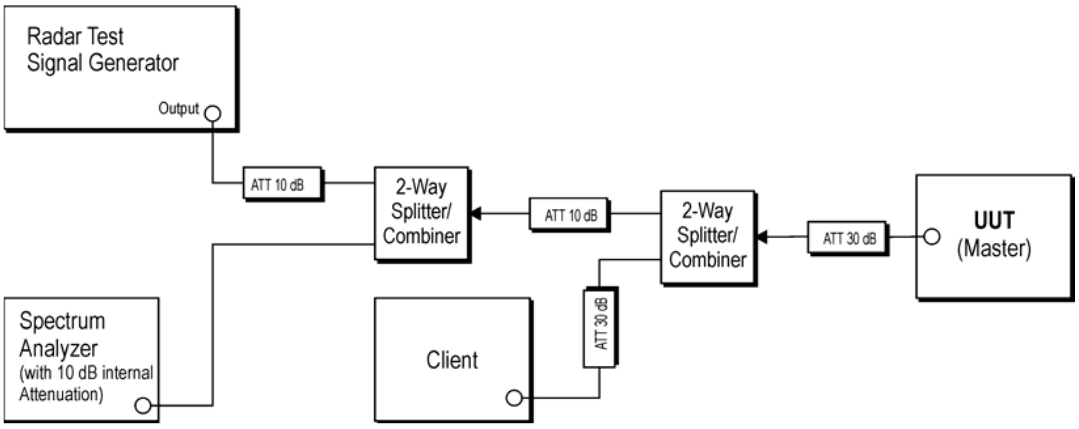


Figure 1: Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master

Setup for Client with injection at the Master

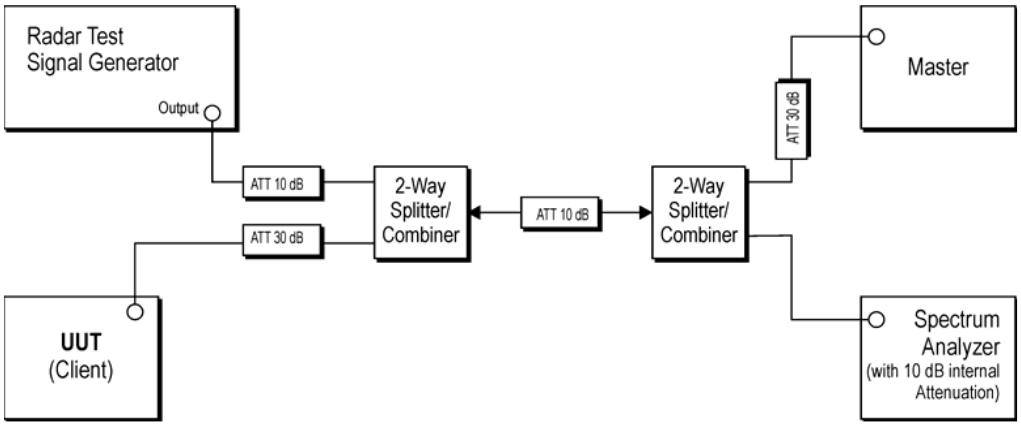


Figure 2: Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Master

5.3. DFS Detection Threshold

DFS Detection Threshold is the level used by the DFS mechanism to detect radar interference.

5.3.1. Test Limit

Limits Clause 4.7.2.1.2
DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

MAXIMUM TRANSMIT POWER	VALUE (SEE Note 1 and 2)
≥ 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	

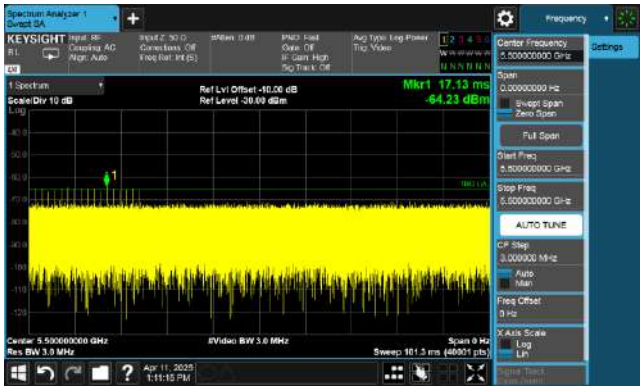
Max. output power	Non-Beamforming Band: 5250MHz ~ 5350MHz 802.11a: 20.46dBm 802.11ax HE20: 21.45dBm 802.11ax HE40: 23.69dBm 802.11ax HE80: 21.82dBm 802.11be EHT20: 21.54dBm 802.11be EHT40: 23.81dBm 802.11be EHT80: 21.95dBm Band: 5470MHz ~ 5725MHz 802.11a: 18.42dBm 802.11ax HE20: 19.47dBm 802.11ax HE40: 22.08dBm 802.11ax HE80: 23.79dBm 802.11ax HE160: 22.98dBm 802.11be EHT20: 19.60dBm 802.11be EHT40: 22.25dBm 802.11be EHT80: 23.95dBm 802.11be EHT160: 23.09dBm

Max. output power	Beamforming Band: 5250MHz ~ 5350MHz 802.11ax HE20: 18.04dBm 802.11ax HE40: 20.70dBm 802.11ax HE80: 20.43dBm 802.11be EHT20: 18.13dBm 802.11be EHT40: 20.76dBm 802.11be EHT80: 20.92dBm Band: 5470MHz ~ 5725MHz 802.11ax HE20: 16.39dBm 802.11ax HE40: 18.96dBm 802.11ax HE80: 20.02dBm 802.11ax HE160: 20.30dBm 802.11be EHT20: 16.55dBm 802.11be EHT40: 19.01dBm 802.11be EHT80: 20.56dBm 802.11be EHT160: 23.66dBm

5.3.2. Test Result of DFS Detection Threshold

EIRP > 200 milliwatt . Antenna corresponding gains are 0dBi for 5GHz. 0dBi gain was used to set the -64dBm threshold level during calibration of the test setup.
Radar VALUE -64dBm

Radar Type 0 Calibration Plot



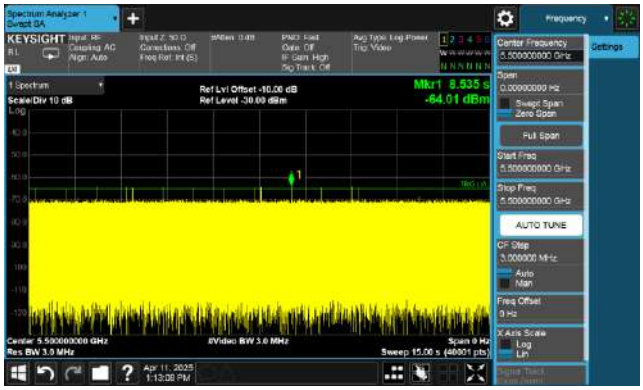
Radar Type 3 Calibration Plot

Radar Type 1 Calibration Plot

Radar Type 4 Calibration Plot

Radar Type 2 alibration Plot

Radar Type 5 Calibration Plot



Radar Type 6 Calibration Plot

5.4. Channel Availability Check Time

The Channel Availability Check is defined as the mechanism by which an RLAN device checks a channel for the presence of radar signals.
There shall be no transmissions by the device within the channel being checked during this process.
If no radars have been detected, the channel becomes an Available Channel valid for a period of time.
The RLAN shall only start transmissions on Available Channels.
At power-up, the RLAN is assumed to have no Available Channels.

5.4.1. Test Limit

Limits Clause 4.7.2.1.2
Table D.2: DFS requirement values

Parameter	Value
Channel Availability Check	> 60s

5.4.2. Test Result of Channel Availability Check

Modulation Type: 802.11ax HE160

CH114 @5500MHz

5.5. Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time. This is illustrated in **Figure 15**.

a) The Radar Waveform generator and UUT are connected using the applicable test setup described in the sections on configuration for Conducted Tests or Radiated Tests and the power of the UUT is switched off.

b) The UUT is powered on at T0. T1 denotes the instant when the UUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.

c) A single Burst of one of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at T1. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

d) Visual indication or measured results on the UUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for UUT emissions will continue for 2.5 minutes after the radar Burst has been generated.

e) Verify that during the 2.5 minute measurement window no UUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

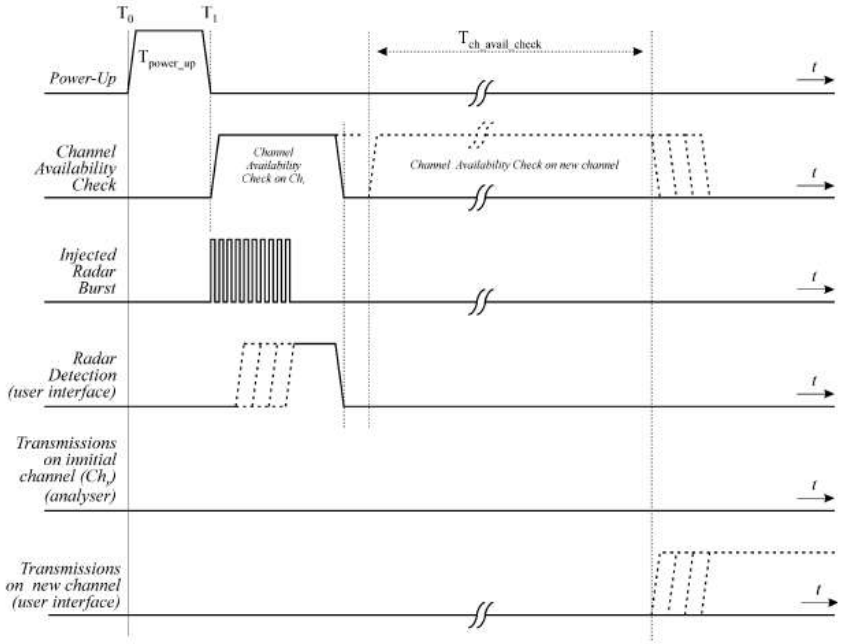


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

5.5.1. Test Result of radar burst at the beginning of the Channel Availability Check Time

Modulation Type: 802.11ax HE160

CH114 @5500MHz

5.6. Radar Burst at the End of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1dB occurs at the end of the Channel Availability Check Time. This is illustrated in **Figure 16**.

a) The Radar Waveform generator and UUT are connected using the applicable test setup described in the sections for Conducted Tests or Radiated Tests and the power of the UUT is switched off.

b) The UUT is powered on at T0. T1 denotes the instant when the UUT has completed its power-up sequence (Tpower_up). The Channel Availability Check Time commences on Chr at instant T1 and will end no sooner than T1 + Tch_avail_check.

c) A single Burst of one of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at T1 + 54 seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.

d) Visual indication or measured results on the UUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for UUT emissions will continue for 2.5 minutes after the radar Burst has been generated.

e) Verify that during the 2.5 minute measurement window no UUT transmissions occurred on Chr. The Channel Availabilitv Check results will be recorded.

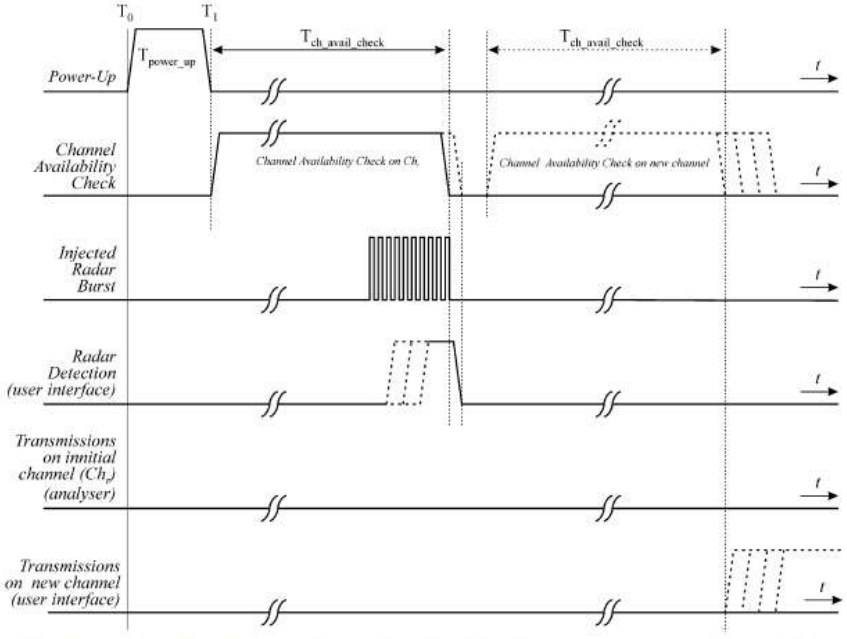


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

5.6.1. Test Result of radar burst at the end of the Channel Availability Check Time

Modulation Type: 802.11ax HE160

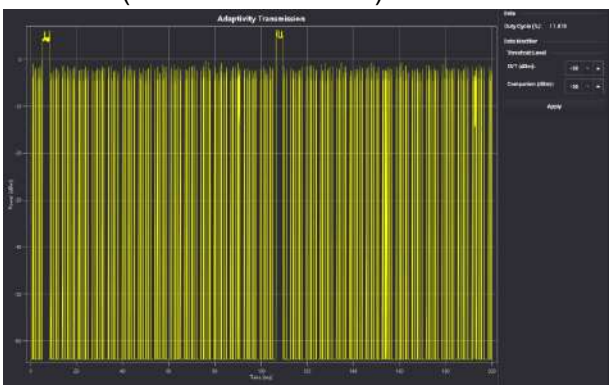
CH114 @5500MHz

5.7. Channel Loading

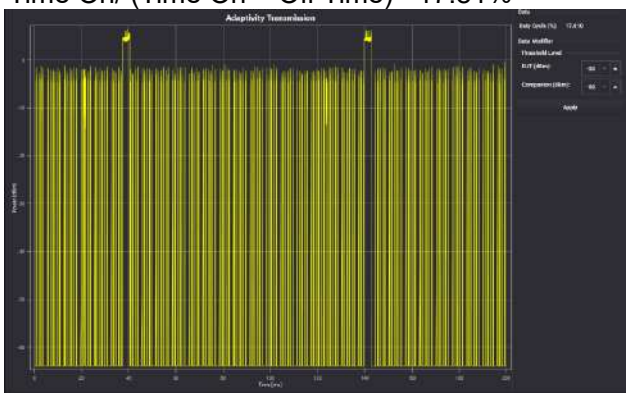
A link is established between the Client, use Iperf ver.2.0.9 Software to simulate data transfer is streamed to generate WLAN traffic.

Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time). This can be done with any appropriate channel BW and modulation type

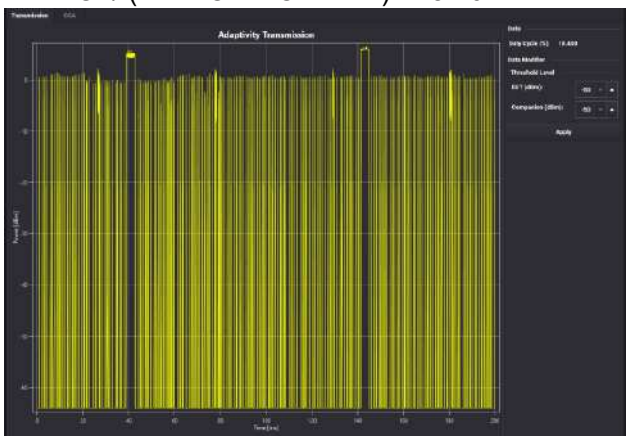
5500MHz, 802.11ax HE20, Band 3
Time On/ (Time On + Off Time) =17.87%



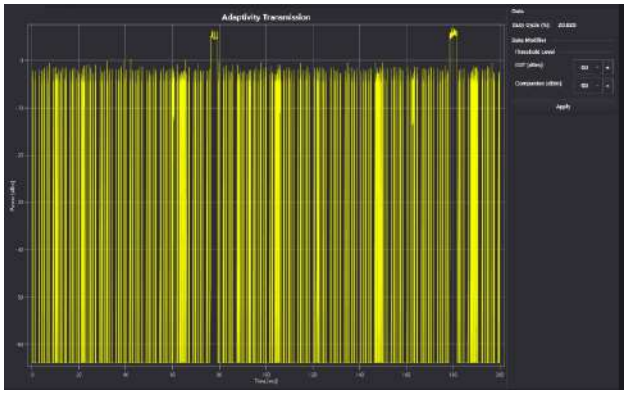
5570MHz, 802.11ax HE160, Band 3
Time On/ (Time On + Off Time) =17.81%



5510MHz, 802.11ax HE40, Band 3
Time On/ (Time On + Off Time) =18.40%



5530MHz, 802.11ax HE80, Band 3
Time On/ (Time On + Off Time) =20.82%



5.8. U-NII Detection Bandwidth

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

5.8.1. Test Limit

Limits Clause 4.7.2.1.2 Table D.2: DFS requirement values

Parameter	Value
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission
Note : 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.	

5.8.2. Test Result of U-NII Detection Bandwidth

20 MHz Signal Bandwidth											
EUT Frequency = 5500MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490(FL)	1	1	1	1	1	1	1	1	1	1	100%
5491	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
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%
5501	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(FH)	1	1	1	1	1	1	1	1	1	1	100%
20 MHz Detection Bandwidth = Fh - Fl = 5510MHz - 5490MHz = 20MHz											
EUT 99% Bandwidth = 19.547MHz											

40 MHz Signal Bandwidth											
EUT Frequency = 5510MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5491(FL)	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
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%
5501	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%

40 MHz Signal Bandwidth											
EUT Frequency = 5510MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
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(FH)	1	1	1	1	1	1	1	1	1	1	100%
40 MHz Detection Bandwidth = Fh - Fl = 5530MHz - 5491MHz = 39MHz											
EUT 99% Bandwidth = 38.325MHz											

80 MHz Signal Bandwidth											
EUT Frequency = 5530MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5491(FL)	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
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%
5501	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%

80 MHz Signal Bandwidth											
EUT Frequency = 5530MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
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%
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	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%

80 MHz Signal Bandwidth											
EUT Frequency = 5530MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
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	1	1	1	1	1	1	1	1	1	1	100%
5569(FH)	1	1	1	1	1	1	1	1	1	1	100%
80 MHz Detection Bandwidth = Fh - Fl = 5569MHz - 5491MHz = 78MHz											
EUT 99% Bandwidth = 77.592MHz											

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5492(FL)	1	1	1	1	1	1	1	1	1	1	100%
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%
5501	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%

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
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%
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	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%

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
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	1	1	1	1	1	1	1	1	1	1	100%
5569	1	1	1	1	1	1	1	1	1	1	100%
5570	1	1	1	1	1	1	1	1	1	1	100%
5571	1	1	1	1	1	1	1	1	1	1	100%
5572	1	1	1	1	1	1	1	1	1	1	100%
5573	1	1	1	1	1	1	1	1	1	1	100%
5574	1	1	1	1	1	1	1	1	1	1	100%
5575	1	1	1	1	1	1	1	1	1	1	100%
5576	1	1	1	1	1	1	1	1	1	1	100%
5577	1	1	1	1	1	1	1	1	1	1	100%
5578	1	1	1	1	1	1	1	1	1	1	100%
5579	1	1	1	1	1	1	1	1	1	1	100%
5580	1	1	1	1	1	1	1	1	1	1	100%

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5581	1	1	1	1	1	1	1	1	1	1	100%
5582	1	1	1	1	1	1	1	1	1	1	100%
5583	1	1	1	1	1	1	1	1	1	1	100%
5584	1	1	1	1	1	1	1	1	1	1	100%
5585	1	1	1	1	1	1	1	1	1	1	100%
5586	1	1	1	1	1	1	1	1	1	1	100%
5587	1	1	1	1	1	1	1	1	1	1	100%
5588	1	1	1	1	1	1	1	1	1	1	100%
5589	1	1	1	1	1	1	1	1	1	1	100%
5590	1	1	1	1	1	1	1	1	1	1	100%
5591	1	1	1	1	1	1	1	1	1	1	100%
5592	1	1	1	1	1	1	1	1	1	1	100%
5593	1	1	1	1	1	1	1	1	1	1	100%
5594	1	1	1	1	1	1	1	1	1	1	100%
5595	1	1	1	1	1	1	1	1	1	1	100%
5596	1	1	1	1	1	1	1	1	1	1	100%
5597	1	1	1	1	1	1	1	1	1	1	100%
5598	1	1	1	1	1	1	1	1	1	1	100%
5599	1	1	1	1	1	1	1	1	1	1	100%
5600	1	1	1	1	1	1	1	1	1	1	100%
5601	1	1	1	1	1	1	1	1	1	1	100%
5602	1	1	1	1	1	1	1	1	1	1	100%
5603	1	1	1	1	1	1	1	1	1	1	100%
5604	1	1	1	1	1	1	1	1	1	1	100%
5605	1	1	1	1	1	1	1	1	1	1	100%
5606	1	1	1	1	1	1	1	1	1	1	100%
5607	1	1	1	1	1	1	1	1	1	1	100%
5608	1	1	1	1	1	1	1	1	1	1	100%
5609	1	1	1	1	1	1	1	1	1	1	100%
5610	1	1	1	1	1	1	1	1	1	1	100%

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5611	1	1	1	1	1	1	1	1	1	1	100%
5612	1	1	1	1	1	1	1	1	1	1	100%
5613	1	1	1	1	1	1	1	1	1	1	100%
5614	1	1	1	1	1	1	1	1	1	1	100%
5615	1	1	1	1	1	1	1	1	1	1	100%
5616	1	1	1	1	1	1	1	1	1	1	100%
5617	1	1	1	1	1	1	1	1	1	1	100%
5618	1	1	1	1	1	1	1	1	1	1	100%
5619	1	1	1	1	1	1	1	1	1	1	100%
5620	1	1	1	1	1	1	1	1	1	1	100%
5621	1	1	1	1	1	1	1	1	1	1	100%
5622	1	1	1	1	1	1	1	1	1	1	100%
5623	1	1	1	1	1	1	1	1	1	1	100%
5624	1	1	1	1	1	1	1	1	1	1	100%
5625	1	1	1	1	1	1	1	1	1	1	100%
5626	1	1	1	1	1	1	1	1	1	1	100%
5627	1	1	1	1	1	1	1	1	1	1	100%
5628	1	1	1	1	1	1	1	1	1	1	100%
5629	1	1	1	1	1	1	1	1	1	1	100%
5630	1	1	1	1	1	1	1	1	1	1	100%
5631	1	1	1	1	1	1	1	1	1	1	100%
5632	1	1	1	1	1	1	1	1	1	1	100%
5633	1	1	1	1	1	1	1	1	1	1	100%
5634	1	1	1	1	1	1	1	1	1	1	100%
5635	1	1	1	1	1	1	1	1	1	1	100%
5636	1	1	1	1	1	1	1	1	1	1	100%
5637	1	1	1	1	1	1	1	1	1	1	100%
5638	1	1	1	1	1	1	1	1	1	1	100%
5639	1	1	1	1	1	1	1	1	1	1	100%
5640	1	1	1	1	1	1	1	1	1	1	100%

160 MHz Signal Bandwidth											
EUT Frequency = 5570MHz											
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, Blank= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5641	1	1	1	1	1	1	1	1	1	1	100%
5642	1	1	1	1	1	1	1	1	1	1	100%
5643	1	1	1	1	1	1	1	1	1	1	100%
5644	1	1	1	1	1	1	1	1	1	1	100%
5645	1	1	1	1	1	1	1	1	1	1	100%
5646	1	1	1	1	1	1	1	1	1	1	100%
5647	1	1	1	1	1	1	1	1	1	1	100%
5648	1	1	1	1	1	1	1	1	1	1	100%
5649(FH)	1	1	1	1	1	1	1	1	1	1	100%
160 MHz Detection Bandwidth = Fh - Fl = 5649MHz - 5492MHz = 157MHz											
EUT 99% Bandwidth = 156.66MHz											

5.9. Statistical Performance Check

Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection	Client without radar detection
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

For 802.11ax HE20, Band3

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE20, Band3
Type2

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE20, Band3
Type3

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE20, Band3
Type4

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	1
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	100%

In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ =

(100%+100%+100%+100%)/4 = 100% (>80%)

For 802.11ax HE20, Band3
Type5

Trial Number	1=Detection Blank=No Detection
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
Detection Percentage	100%

See the type 5 Radar Characteristics at the Section 5.9.1 of this report

For 802.11ax HE20, Band3
Type6

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

For 802.11ax HE40, Band3

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE40, Band3

Type2

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE40, Band3

Type3

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE40, Band3
Type4

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	1
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	100%

In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ =

(100%+100%+100%+100%)/4 = 100% (>80%)

For 802.11ax HE40, Band3

Type5

Trial Number	1=Detection Blank=No Detection
1	0
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	0
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
Detection Percentage	93%

See the type 5 Radar Characteristics at the Section 5.9.1 of this report

For 802.11ax HE40, Band3
Type6

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

For 802.11ax HE80, Band3
Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE80, Band3
Type2

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE80, Band3
Type3

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE80, Band3
Type4

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	1
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	1
5	17.5	230	15	3450	1
6	15.3	432	14	6048	1
7	15.9	207	14	2898	1
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	1
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	100%

In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ =

(100%+100%+100%+100%)/4 = 100% (>80%)

For 802.11ax HE80, Band3

Type5

Trial Number	1=Detection Blank=No Detection
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
Detection Percentage	100%

See the type 5 Radar Characteristics at the Section 5.9.1 of this report

For 802.11ax HE80, Band3
Type6

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

For 802.11ax HE160, Band3
Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE160, Band3
Type2

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	3.2	179	26	4654	1
2	1.1	207	23	4761	1
3	2.1	230	24	5520	1
4	4.8	200	29	5800	1
5	3.9	214	28	5992	1
6	2.9	222	26	5772	1
7	3.2	204	26	5304	1
8	2.5	192	25	4800	1
9	3.1	164	26	4264	1
10	1.2	156	23	3588	1
11	3.9	210	27	5670	1
12	4.6	201	29	5829	1
13	3.2	162	26	4212	1
14	2.2	197	25	4925	1
15	4.5	163	29	4727	1
16	3	203	26	5278	1
17	5	168	29	4872	1
18	2.4	217	25	5425	1
19	2.9	191	26	4966	1
20	2.3	166	25	4150	1
21	3.7	150	27	4050	1
22	2.2	176	25	4400	1
23	4.9	195	29	5655	1
24	2.9	202	26	5252	1
25	2.5	178	25	4450	1
26	1.1	206	23	4738	1
27	3.8	155	27	4185	1
28	4.7	157	29	4553	1
29	2.4	224	25	5600	1
30	4.2	159	28	4452	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE160, Band3
Type3

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	8.2	355	17	6035	1
2	6.1	487	16	7792	1
3	7.1	344	16	5504	1
4	9.8	288	18	5184	1
5	8.9	230	18	4140	1
6	7.9	432	17	7344	1
7	8.2	207	17	3519	1
8	7.5	443	17	7531	1
9	8.1	439	17	7463	1
10	6.2	223	16	3568	1
11	8.9	208	18	3744	1
12	9.6	463	18	8334	1
13	8.2	441	17	7497	1
14	7.2	323	16	5168	1
15	9.5	297	18	5346	1
16	8	412	17	7004	1
17	10	324	18	5832	1
18	7.4	271	17	4607	1
19	7.9	349	17	5933	1
20	7.3	409	16	6544	1
21	8.7	373	18	6714	1
22	7.2	254	16	4064	1
23	9.9	274	18	4932	1
24	7.9	278	17	4726	1
25	7.5	317	17	5389	1
26	6.1	260	16	4160	1
27	8.8	211	18	3798	1
28	9.7	272	18	4896	1
29	7.4	264	17	4488	1
30	9.2	284	18	5112	1
Detection Percentage				Limit >60%	100%

For 802.11ax HE160, Band3
Type4

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	16	355	14	4970	0
2	11.3	487	12	5844	1
3	13.5	344	13	4472	1
4	19.4	288	16	4608	0
5	17.5	230	15	3450	0
6	15.3	432	14	6048	1
7	15.9	207	14	2898	0
8	14.3	443	13	5759	1
9	15.8	439	14	6146	1
10	11.5	223	12	2676	1
11	17.4	208	15	3120	1
12	19	463	16	7408	1
13	16	441	14	6174	1
14	13.8	323	13	4199	1
15	18.9	297	16	4752	1
16	15.5	412	14	5768	1
17	19.9	324	16	5184	1
18	14.1	271	13	3523	1
19	15.2	349	14	4886	1
20	13.8	409	13	5317	1
21	17.1	373	15	5595	1
22	13.8	254	13	3302	1
23	19.8	274	16	4384	1
24	15.3	278	14	3892	1
25	14.5	317	13	4121	1
26	11.3	260	12	3120	1
27	17.3	211	15	3165	1
28	19.2	272	16	4352	1
29	14.2	264	13	3432	1
30	18.2	284	15	4260	1
Detection Percentage				Limit >60%	87%

In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ =

(100%+100%+100%+87%)/4 = 96.75% (>80%)

For 802.11ax HE160, Band3

Type5

Trial Number	1=Detection Blank=No Detection
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
Detection Percentage	100%

See the type 5 Radar Characteristics at the Section 5.9.1 of this report

For 802.11ax HE160, Band3
Type6

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	333.335	9	0.3333	1
2	1	333.335	9	0.3333	1
3	1	333.335	9	0.3333	1
4	1	333.335	9	0.3333	1
5	1	333.335	9	0.3333	1
6	1	333.335	9	0.3333	1
7	1	333.335	9	0.3333	1
8	1	333.335	9	0.3333	1
9	1	333.335	9	0.3333	1
10	1	333.335	9	0.3333	1
11	1	333.335	9	0.3333	1
12	1	333.335	9	0.3333	1
13	1	333.335	9	0.3333	1
14	1	333.335	9	0.3333	1
15	1	333.335	9	0.3333	1
16	1	333.335	9	0.3333	1
17	1	333.335	9	0.3333	1
18	1	333.335	9	0.3333	1
19	1	333.335	9	0.3333	1
20	1	333.335	9	0.3333	1
21	1	333.335	9	0.3333	1
22	1	333.335	9	0.3333	1
23	1	333.335	9	0.3333	1
24	1	333.335	9	0.3333	1
25	1	333.335	9	0.3333	1
26	1	333.335	9	0.3333	1
27	1	333.335	9	0.3333	1
28	1	333.335	9	0.3333	1
29	1	333.335	9	0.3333	1
30	1	333.335	9	0.3333	1
Detection Percentage				Limit >70%	100%

For TDWR Band 802.11ax HE20

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	100%

For TDWR Band 802.11ax HE40

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	0
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	0
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	0
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	90%

For TDWR Band 802.11ax HE80

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	1
2	1	698	76	53048	1
3	1	618	86	53148	1
4	1	538	99	53262	1
5	1	878	61	53558	1
6	1	3066	18	55188	1
7	1	638	83	52954	1
8	1	918	58	53244	1
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	0
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	1
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	97%

For TDWR Band 802.11ax HE160

Type1

Trial Number	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length(us)	1=Detection Blank=No Detection
1	1	938	57	53466	0
2	1	698	76	53048	1
3	1	618	86	53148	0
4	1	538	99	53262	1
5	1	878	61	53558	0
6	1	3066	18	55188	0
7	1	638	83	52954	1
8	1	918	58	53244	0
9	1	838	63	52794	1
10	1	858	62	53196	1
11	1	798	67	53466	1
12	1	718	74	53132	1
13	1	578	92	53176	1
14	1	598	89	53222	1
15	1	558	95	53010	1
16	1	2536	21	53256	1
17	1	966	55	53130	1
18	1	827	64	52928	1
19	1	2501	22	55022	1
20	1	2595	21	54495	1
21	1	1114	48	53472	1
22	1	1302	41	53382	1
23	1	3045	18	54810	1
24	1	1624	33	53592	1
25	1	2878	19	54682	1
26	1	1027	52	53404	0
27	1	2485	22	54670	1
28	1	1600	33	52800	1
29	1	1172	46	53912	1
30	1	1177	45	52965	1
Detection Percentage				Limit >60%	80%

5.9.1. Test Result (Type 5 Radar Statistical Performance)

Trial Number 1							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	395530.0	68.4	13	2	1587.0	1114.0	-
2	588564.0	76.7	13	2	2000.0	1155.0	-
3	783794.0	53.2	13	1	1147.0	-	-
4	177933.0	85.7	13	3	1433.0	1695.0	1394.0
5	370624.0	94.3	13	3	1670.0	1426.0	1935.0
6	564893.0	77.6	13	2	1294.0	1671.0	-
7	759583.0	65.7	13	1	1512.0	-	-
8	154262.0	93.5	13	3	1444.0	1130.0	1468.0
9	395530.0	68.4	13	2	1587.0	1114.0	-
10	588564.0	76.7	13	2	2000.0	1155.0	-
11	783794.0	53.2	13	1	1147.0	-	-
12	177933.0	85.7	13	3	1433.0	1695.0	1394.0
13	370624.0	94.3	13	3	1670.0	1426.0	1935.0
14	564893.0	77.6	13	2	1294.0	1671.0	-
15	759583.0	65.7	13	1	1512.0	-	-

Trial Number 2							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	653020.0	75.0	5	2	1880.0	1527.0	-
2	1015643.0	99.4	5	3	1401.0	1262.0	1257.0
3	1379398.0	67.4	5	2	1531.0	1403.0	-
4	245489.0	73.6	5	2	1449.0	1041.0	-
5	609113.0	65.9	5	1	1432.0	-	-
6	970852.0	83.8	5	3	1356.0	1292.0	1419.0
7	1335913.0	65.5	5	1	1543.0	-	-
8	200406.0	98.6	5	3	1548.0	1796.0	1728.0

Trial Number 3							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	409565.0	73.8	9	2	1806.0	1538.0	-
2	673692.0	69.5	9	2	1117.0	1649.0	-
3	938562.0	51.9	9	1	1651.0	-	-
4	113209.0	84.6	9	3	1976.0	1032.0	1271.0
5	376726.0	95.4	9	3	1060.0	1903.0	1388.0
6	641212.0	68.0	9	2	1368.0	1351.0	-
7	903714.0	89.6	9	3	1338.0	1514.0	1573.0
8	80863.0	81.9	9	2	1022.0	1689.0	-
9	344067.0	88.3	9	3	1810.0	1330.0	1838.0
10	609331.0	53.7	9	1	1597.0	-	-
11	871542.0	91.3	9	3	1961.0	1106.0	1001.0

Trial Number 4							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	26541.0	68.1	19	2	1339.0	1355.0	-
2	171821.0	58.7	19	1	1251.0	-	-
3	316229.0	75.3	19	2	1136.0	1640.0	-
4	461864.0	56.4	19	1	1753.0	-	-
5	8677.0	99.7	19	3	1196.0	1708.0	1159.0
6	153995.0	57.7	19	1	1013.0	-	-
7	299238.0	59.5	19	1	1072.0	-	-
8	443177.0	80.0	19	2	1482.0	1369.0	-
9	587671.0	82.0	19	2	1993.0	1197.0	-
10	135674.0	82.8	19	2	1883.0	1005.0	-
11	279928.0	88.0	19	3	1061.0	1928.0	1101.0
12	424279.0	93.2	19	3	1207.0	1907.0	1223.0
13	570132.0	70.4	19	2	1526.0	1360.0	-
14	117439.0	95.3	19	3	1171.0	1955.0	1775.0
15	262502.0	81.9	19	2	1690.0	1545.0	-
16	406573.0	98.5	19	3	1975.0	1169.0	1062.0
17	553328.0	65.0	19	1	1767.0	-	-
18	99799.0	85.4	19	3	1011.0	1637.0	1425.0
19	244095.0	91.6	19	3	1878.0	1445.0	1325.0
20	390012.0	67.3	19	2	1091.0	1218.0	-

Trial Number 5							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	629614.0	67.9	16	2	1320.0	1133.0	-
2	96856.0	62.3	16	1	1957.0	-	-
3	267719.0	53.3	16	1	1592.0	-	-
4	436784.0	90.0	16	3	1900.0	1153.0	1346.0
5	608289.0	77.1	16	2	1166.0	1646.0	-
6	75610.0	83.9	16	3	1278.0	1232.0	1459.0
7	245638.0	89.1	16	3	1240.0	1384.0	1939.0
8	416355.0	81.8	16	2	1833.0	1676.0	-
9	588736.0	50.3	16	1	1075.0	-	-
10	54571.0	87.1	16	3	1116.0	1996.0	1756.0
11	225175.0	71.3	16	2	1225.0	1815.0	-
12	394825.0	97.5	16	3	1884.0	1465.0	1132.0
13	565361.0	90.6	16	3	1561.0	1040.0	1354.0
14	33643.0	86.3	16	3	1596.0	1183.0	1792.0
15	203957.0	97.6	16	3	1365.0	1073.0	1361.0
16	373812.0	84.7	16	3	1021.0	1718.0	1854.0
17	544060.0	99.7	16	3	1150.0	1244.0	1988.0

Trial Number 6							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	15438.0	92.9	12	3	1085.0	1564.0	1407.0
2	222486.0	67.7	12	2	1744.0	1747.0	-
3	430731.0	65.8	12	1	1092.0	-	-
4	637784.0	56.3	12	1	1851.0	-	-
5	845342.0	53.7	12	1	1727.0	-	-
6	196720.0	83.5	12	3	1679.0	1930.0	1025.0
7	404955.0	65.8	12	1	1519.0	-	-
8	610711.0	85.9	12	3	1134.0	1034.0	1808.0
9	818057.0	76.3	12	2	1606.0	1926.0	-
10	171459.0	81.5	12	2	1891.0	1714.0	-
11	377969.0	89.4	12	3	1310.0	1594.0	1827.0
12	586875.0	63.4	12	1	1568.0	-	-
13	792834.0	69.6	12	2	1307.0	1925.0	-
14	146044.0	74.5	12	2	1264.0	1846.0	-

Trial Number 7							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	329022.0	96.6	13	3	1182.0	1609.0	1581.0
2	521718.0	96.7	13	3	1829.0	1799.0	1154.0
3	714222.0	86.5	13	3	1923.0	1396.0	1865.0
4	112450.0	73.3	13	2	1908.0	1318.0	-
5	306283.0	55.8	13	1	1688.0	-	-
6	500239.0	55.4	13	1	1145.0	-	-
7	690932.0	85.3	13	3	1336.0	1504.0	1820.0
8	88645.0	79.4	13	2	1344.0	1893.0	-
9	282508.0	65.7	13	1	1476.0	-	-
10	475842.0	68.6	13	2	1008.0	1028.0	-
11	667887.0	77.7	13	2	1972.0	1835.0	-
12	64845.0	79.6	13	2	1882.0	1331.0	-
13	257755.0	94.9	13	3	1830.0	1070.0	1349.0
14	452335.0	61.4	13	1	1451.0	-	-
15	643395.0	90.6	13	3	1233.0	1562.0	1887.0

Trial Number 8							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	51446.0	52.6	10	1	1210.0	-	-
2	292696.0	84.1	10	3	1314.0	1725.0	1529.0
3	533989.0	97.7	10	3	1139.0	1868.0	1805.0
4	775564.0	97.3	10	3	1341.0	1446.0	1755.0
5	21542.0	98.8	10	3	1544.0	1386.0	1302.0
6	263385.0	72.2	10	2	1771.0	1184.0	-
7	505581.0	67.6	10	2	1175.0	1027.0	-
8	747058.0	75.7	10	2	1026.0	1871.0	-
9	989976.0	60.9	10	1	1798.0	-	-
10	234024.0	64.2	10	1	1138.0	-	-
11	475207.0	78.8	10	2	1784.0	1604.0	-
12	715825.0	87.5	10	3	1511.0	1712.0	1683.0

Trial Number 9							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	823112.0	54.1	13	1	1415.0	-	-
2	174965.0	50.7	13	1	1221.0	-	-
3	382216.0	52.3	13	1	1974.0	-	-
4	587395.0	99.8	13	3	1558.0	1696.0	1949.0
5	796897.0	68.4	13	2	1014.0	1099.0	-
6	149042.0	80.8	13	2	1736.0	1505.0	-
7	356750.0	62.5	13	1	1778.0	-	-
8	563824.0	74.8	13	2	1149.0	1204.0	-
9	772314.0	50.8	13	1	1049.0	-	-
10	123796.0	54.0	13	1	1417.0	-	-
11	331215.0	63.0	13	1	1730.0	-	-
12	537402.0	91.8	13	3	1143.0	1270.0	1347.0
13	744805.0	79.3	13	2	1274.0	1992.0	-
14	98172.0	64.3	13	1	1937.0	-	-

Trial Number 10							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	535615.0	63.4	6	1	1043.0	-	-
2	898668.0	52.0	6	1	1863.0	-	-
3	1259235.0	97.2	6	3	1973.0	1605.0	1583.0
4	127106.0	78.7	6	2	1466.0	1743.0	-
5	490358.0	74.2	6	2	1280.0	1219.0	-
6	852409.0	88.7	6	3	1293.0	1934.0	1273.0
7	1217152.0	54.3	6	1	1991.0	-	-
8	82296.0	95.4	6	3	1580.0	1555.0	1791.0

Trial Number 11							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	209249.0	73.7	16	2	1208.0	1497.0	-
2	378386.0	97.4	16	3	1942.0	1754.0	1613.0
3	548411.0	91.7	16	3	1999.0	1702.0	1462.0
4	17733.0	66.2	16	1	1393.0	-	-
5	187952.0	70.8	16	2	1968.0	1821.0	-
6	359277.0	52.3	16	1	1740.0	-	-
7	528886.0	78.9	16	2	1308.0	1984.0	-
8	700166.0	70.9	16	2	1050.0	1358.0	-
9	167197.0	75.6	16	2	1437.0	1430.0	-
10	338262.0	59.1	16	1	1697.0	-	-
11	508324.0	77.0	16	2	1397.0	1304.0	-
12	678689.0	67.9	16	2	1803.0	1083.0	-
13	146031.0	81.2	16	2	1720.0	1932.0	-
14	316923.0	78.7	16	2	1247.0	1121.0	-
15	488056.0	63.3	16	1	1634.0	-	-
16	657326.0	68.9	16	2	1849.0	1423.0	-
17	125509.0	59.3	16	1	1093.0	-	-

Trial Number 12							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	263736.0	98.9	19	3	1381.0	1680.0	1488.0
2	416459.0	82.3	19	2	1716.0	1855.0	-
3	567902.0	86.7	19	3	1211.0	1400.0	1919.0
4	92979.0	89.7	19	3	1861.0	1068.0	1282.0
5	245155.0	98.6	19	3	1507.0	1194.0	1461.0
6	397609.0	71.1	19	2	1921.0	1789.0	-
7	551431.0	55.9	19	1	1947.0	-	-
8	74413.0	67.9	19	2	1350.0	1372.0	-
9	226559.0	84.4	19	3	1203.0	1107.0	1443.0
10	380056.0	58.8	19	1	1715.0	-	-
11	533408.0	65.6	19	1	1017.0	-	-
12	55547.0	78.5	19	2	1911.0	1704.0	-
13	207876.0	82.3	19	2	1845.0	1686.0	-
14	359771.0	90.1	19	3	1938.0	1071.0	1266.0
15	511297.0	90.2	19	3	1989.0	1089.0	1950.0
16	36803.0	83.1	19	2	1943.0	1406.0	-
17	189652.0	58.8	19	1	1742.0	-	-
18	341809.0	77.0	19	2	1187.0	1657.0	-
19	495737.0	55.0	19	1	1012.0	-	-

Trial Number 13							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	22911.0	58.1	13	1	1929.0	-	-
2	216473.0	52.1	13	1	1910.0	-	-
3	410004.0	59.9	13	1	1971.0	-	-
4	603671.0	60.2	13	1	1812.0	-	-
5	794160.0	95.9	13	3	1399.0	1906.0	1608.0
6	192251.0	79.9	13	2	1626.0	1859.0	-
7	385590.0	78.5	13	2	1238.0	1917.0	-
8	579862.0	53.8	13	1	1763.0	-	-
9	773423.0	64.7	13	1	1800.0	-	-
10	168898.0	61.4	13	1	1390.0	-	-
11	361606.0	83.2	13	2	1692.0	1858.0	-
12	553866.0	84.7	13	3	1533.0	1677.0	1638.0
13	747241.0	88.7	13	3	1703.0	1528.0	1058.0
14	144710.0	78.3	13	2	1258.0	1951.0	-
15	337856.0	69.3	13	2	1731.0	1717.0	-

Trial Number 14							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	22911.0	58.1	13	1	1929.0	-	-
2	216473.0	52.1	13	1	1910.0	-	-
3	410004.0	59.9	13	1	1971.0	-	-
4	603671.0	60.2	13	1	1812.0	-	-
5	794160.0	95.9	13	3	1399.0	1906.0	1608.0
6	192251.0	79.9	13	2	1626.0	1859.0	-
7	385590.0	78.5	13	2	1238.0	1917.0	-
8	579862.0	53.8	13	1	1763.0	-	-
9	773423.0	64.7	13	1	1800.0	-	-
10	168898.0	61.4	13	1	1390.0	-	-
11	361606.0	83.2	13	2	1692.0	1858.0	-
12	553866.0	84.7	13	3	1533.0	1677.0	1638.0

Trial Number 15							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	361323.0	93.3	18	3	1983.0	1912.0	1535.0
2	515261.0	69.1	18	2	1102.0	1794.0	-
3	39025.0	86.9	18	3	1044.0	1152.0	1148.0
4	190900.0	84.9	18	3	1894.0	1948.0	1118.0
5	343941.0	72.3	18	2	1094.0	1916.0	-
6	497624.0	51.7	18	1	1447.0	-	-
7	20319.0	58.3	18	1	1429.0	-	-
8	172999.0	60.8	18	1	1979.0	-	-
9	325872.0	57.1	18	1	1641.0	-	-
10	475841.0	88.9	18	3	1886.0	1964.0	1489.0
11	1489.0	72.0	18	2	1909.0	1297.0	-
12	153647.0	90.9	18	3	1261.0	1566.0	1370.0
13	307096.0	59.8	18	1	1552.0	-	-
14	458804.0	70.0	18	2	1759.0	1291.0	-
15	610798.0	67.2	18	2	1625.0	1881.0	-
16	134759.0	91.2	18	3	1382.0	1832.0	1661.0
17	288306.0	56.5	18	1	1483.0	-	-
18	441296.0	51.2	18	1	1237.0	-	-
19	592780.0	74.1	18	2	1471.0	1245.0	-

Trial Number 16							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	158286.0	76.9	12	2	1110.0	1140.0	-
2	366024.0	50.2	12	1	1316.0	-	-
3	573452.0	62.9	12	1	1520.0	-	-
4	780619.0	64.7	12	1	1902.0	-	-
5	132455.0	83.8	12	3	1410.0	1097.0	1621.0
6	340207.0	65.4	12	1	1944.0	-	-
7	548208.0	53.2	12	1	1024.0	-	-
8	755333.0	51.7	12	1	1603.0	-	-
9	107117.0	78.7	12	2	1804.0	1168.0	-
10	314500.0	72.4	12	2	1030.0	1343.0	-
11	522447.0	53.8	12	1	1327.0	-	-
12	728517.0	73.6	12	2	1524.0	1553.0	-
13	81611.0	66.7	12	2	1722.0	1122.0	-
14	288948.0	82.5	12	2	1404.0	1019.0	-

Trial Number 17							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	345766.0	87.6	20	3	1565.0	1055.0	1840.0
2	490019.0	85.2	20	3	1735.0	1541.0	1408.0
3	39073.0	84.8	20	3	1534.0	1889.0	1463.0
4	183923.0	77.9	20	2	1749.0	1460.0	-
5	328777.0	76.5	20	2	1518.0	1485.0	-
6	474728.0	60.9	20	1	1540.0	-	-
7	21394.0	83.0	20	2	1080.0	1010.0	-
8	165992.0	80.4	20	2	1824.0	1752.0	-
9	310973.0	67.5	20	2	1764.0	1181.0	-
10	456884.0	62.1	20	1	1495.0	-	-
11	3515.0	86.4	20	3	1773.0	1966.0	1263.0
12	147928.0	84.3	20	3	1593.0	1188.0	1788.0
13	293225.0	76.9	20	2	1226.0	1537.0	-
14	436922.0	95.8	20	3	1192.0	1298.0	1844.0
15	584015.0	55.2	20	1	1644.0	-	-
16	130832.0	59.0	20	1	1402.0	-	-
17	274684.0	94.5	20	3	1296.0	1700.0	1283.0
18	418579.0	91.9	20	3	1970.0	1978.0	1165.0
19	563464.0	85.2	20	3	1732.0	1551.0	1189.0
20	112787.0	69.5	20	2	1038.0	1224.0	-

Trial Number 18							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	429224.0	86.4	10	3	1259.0	1918.0	1455.0
2	670241.0	92.2	10	3	1598.0	1719.0	1895.0
3	912880.0	80.4	10	2	1816.0	1899.0	-
4	158603.0	54.3	10	1	1335.0	-	-
5	400824.0	53.1	10	1	1303.0	-	-
6	641915.0	69.4	10	2	1503.0	1546.0	-
7	883823.0	69.1	10	2	1279.0	1639.0	-
8	128373.0	100.0	10	3	1375.0	1438.0	1595.0
9	370379.0	79.6	10	2	1239.0	1705.0	-
10	611194.0	88.4	10	3	1374.0	1579.0	1623.0
11	855665.0	53.3	10	1	1016.0	-	-
12	98897.0	65.3	10	1	1709.0	-	-

Trial Number 19							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	292143.0	55.3	12	1	1920.0	-	-
2	499633.0	58.3	12	1	1797.0	-	-
3	706377.0	72.3	12	2	1610.0	1039.0	-
4	58989.0	84.8	12	3	1131.0	1761.0	1721.0
5	266161.0	82.5	12	2	1875.0	1431.0	-
6	474469.0	63.3	12	1	1095.0	-	-
7	680544.0	80.0	12	2	1119.0	1913.0	-
8	33519.0	90.3	12	3	1660.0	1853.0	1123.0
9	240319.0	91.1	12	3	1539.0	1783.0	1172.0
10	447400.0	96.6	12	3	1525.0	1036.0	1385.0
11	654516.0	82.7	12	2	1710.0	1990.0	-
12	8083.0	50.7	12	1	1234.0	-	-
13	215435.0	78.4	12	2	1047.0	1109.0	-
14	421325.0	99.5	12	3	1299.0	1965.0	1869.0

Trial Number 20							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	733725.0	88.6	10	3	1501.0	1067.0	1927.0
2	977882.0	57.4	10	1	1723.0	-	-
3	221197.0	96.6	10	3	1086.0	1658.0	1324.0
4	462915.0	69.7	10	2	1751.0	1945.0	-
5	705071.0	77.9	10	2	1642.0	1317.0	-
6	947923.0	62.0	10	1	1866.0	-	-
7	191373.0	88.4	10	3	1997.0	1077.0	1366.0
8	432561.0	97.3	10	3	1790.0	1896.0	1367.0
9	674004.0	96.2	10	3	1391.0	1787.0	1672.0
10	915842.0	95.4	10	3	1020.0	1892.0	1414.0
11	162176.0	54.8	10	1	1084.0	-	-
12	403553.0	80.4	10	2	1850.0	1436.0	-

Trial Number 21							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	483470.0	74.7	15	2	1619.0	1611.0	-
2	666072.0	57.1	15	1	1560.0	-	-
3	98810.0	91.9	15	3	1392.0	1475.0	1276.0
4	279914.0	83.1	15	2	1809.0	1772.0	-
5	462536.0	50.7	15	1	1003.0	-	-
6	642324.0	79.2	15	2	1574.0	1600.0	-
7	76831.0	58.7	15	1	1186.0	-	-
8	257785.0	71.0	15	2	1521.0	1567.0	-
9	438554.0	79.0	15	2	1777.0	1960.0	-
10	620397.0	68.5	15	2	1284.0	1428.0	-
11	54310.0	73.5	15	2	1904.0	1352.0	-
12	235506.0	70.5	15	2	1864.0	1115.0	-
13	417036.0	76.6	15	2	1045.0	1300.0	-
14	597974.0	81.2	15	2	1160.0	1675.0	-
15	32086.0	61.8	15	1	1277.0	-	-
16	212751.0	94.9	15	3	1450.0	1206.0	1860.0

Trial Number 22							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	526149.0	78.5	9	2	1653.0	1698.0	-
2	767135.0	89.8	9	3	1174.0	1962.0	1167.0
3	12955.0	59.4	9	1	1982.0	-	-
4	254612.0	79.6	9	2	1633.0	1890.0	-
5	496588.0	76.0	9	2	1112.0	1811.0	-
6	739728.0	53.6	9	1	1144.0	-	-
7	980872.0	80.9	9	2	1220.0	1053.0	-
8	225249.0	61.6	9	1	1724.0	-	-
9	467279.0	53.4	9	1	1901.0	-	-
10	709720.0	59.9	9	1	1379.0	-	-
11	951847.0	60.4	9	1	1453.0	-	-
12	194839.0	91.4	9	3	1768.0	1726.0	1227.0

Trial Number 23							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	261858.0	77.0	20	2	1191.0	1363.0	-
2	407646.0	58.1	20	1	1248.0	-	-
3	552319.0	62.1	20	1	1836.0	-	-
4	99107.0	76.9	20	2	1334.0	1236.0	-
5	243514.0	80.0	20	2	1914.0	1852.0	-
6	389464.0	52.0	20	1	1701.0	-	-
7	531093.0	88.6	20	3	1693.0	1995.0	1905.0
8	81159.0	72.9	20	2	1922.0	1387.0	-
9	225245.0	98.5	20	3	1839.0	1746.0	1389.0
10	371906.0	57.9	20	1	1193.0	-	-
11	514197.0	95.9	20	3	1659.0	1870.0	1066.0
12	63561.0	53.5	20	1	1162.0	-	-
13	207510.0	92.0	20	3	1745.0	1654.0	1458.0
14	353638.0	57.3	20	1	1834.0	-	-
15	497515.0	70.5	20	2	1684.0	1586.0	-
16	45553.0	70.0	20	2	1042.0	1664.0	-
17	189821.0	84.0	20	3	1765.0	1630.0	1176.0
18	335330.0	76.1	20	2	1557.0	1057.0	-
19	478825.0	93.2	20	3	1985.0	1018.0	1340.0
20	27594.0	96.8	20	3	1760.0	1614.0	1817.0

Trial Number 24							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	247117.0	50.1	12	1	1841.0	-	-
2	453362.0	93.5	12	3	1590.0	1081.0	1413.0
3	660875.0	68.8	12	2	1707.0	1577.0	-
4	14140.0	56.3	12	1	1056.0	-	-
5	220734.0	86.0	12	3	1953.0	1108.0	1987.0
6	428367.0	75.2	12	2	1572.0	1536.0	-
7	636681.0	54.4	12	1	1517.0	-	-
8	843157.0	71.1	12	2	1329.0	1243.0	-
9	195585.0	76.2	12	2	1940.0	1770.0	-
10	403231.0	80.2	12	2	1098.0	1209.0	-
11	610202.0	79.7	12	2	1588.0	1214.0	-
12	815229.0	90.9	12	3	1615.0	1862.0	1601.0
13	170267.0	68.7	12	2	1377.0	1441.0	-
14	377306.0	67.4	12	2	1872.0	1313.0	-

Trial Number 25							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	628071.0	94.0	11	3	1643.0	1748.0	1941.0
2	853391.0	70.8	11	2	1177.0	1201.0	-
3	156223.0	56.3	11	1	1006.0	-	-
4	378734.0	96.7	11	3	1230.0	1163.0	1332.0
5	601331.0	90.6	11	3	1217.0	1582.0	1498.0
6	825462.0	74.5	11	2	1569.0	1281.0	-
7	128265.0	92.6	11	3	1065.0	1669.0	1222.0
8	351161.0	89.0	11	3	1493.0	1135.0	1380.0
9	573425.0	96.5	11	3	1607.0	1822.0	1602.0
10	798431.0	70.5	11	2	1141.0	1178.0	-
11	100737.0	94.0	11	3	1009.0	1629.0	1956.0
12	324661.0	55.8	11	1	1290.0	-	-
13	546278.0	87.7	11	3	1435.0	1963.0	1164.0

Trial Number 26							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1253842.0	68.6	5	2	1306.0	1161.0	-
2	119486.0	83.1	5	2	1420.0	1315.0	-
3	482958.0	60.9	5	1	1687.0	-	-
4	845641.0	77.7	5	2	1776.0	1158.0	-
5	1208428.0	77.4	5	2	1793.0	1510.0	-
6	74748.0	66.8	5	2	1576.0	1323.0	-
7	438300.0	63.7	5	1	1333.0	-	-
8	800152.0	91.2	5	3	1409.0	1681.0	1275.0

Trial Number 27							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	545865.0	83.6	16	3	1632.0	1195.0	1000.0
2	14067.0	89.4	16	3	1173.0	1627.0	1656.0
3	184953.0	55.8	16	1	1532.0	-	-
4	353759.0	90.9	16	3	1981.0	1554.0	1998.0
5	526388.0	54.7	16	1	1825.0	-	-
6	694806.0	97.7	16	3	1734.0	1202.0	1250.0
7	163568.0	67.5	16	2	1571.0	1434.0	-
8	333410.0	96.7	16	3	1589.0	1469.0	1268.0
9	504006.0	68.3	16	2	1750.0	1954.0	-
10	675297.0	78.3	16	2	1591.0	1082.0	-
11	142890.0	55.0	16	1	1427.0	-	-
12	312479.0	84.9	16	3	1129.0	1936.0	1199.0
13	482953.0	74.6	16	2	1959.0	1856.0	-
14	655022.0	63.3	16	1	1885.0	-	-
15	121457.0	99.8	16	3	1035.0	1515.0	1120.0
16	292606.0	63.6	16	1	1647.0	-	-
17	461322.0	87.3	16	3	1931.0	1051.0	1831.0

Trial Number 28							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	565136.0	85.6	19	3	1946.0	1078.0	1015.0
2	89970.0	68.6	19	2	1029.0	1780.0	-
3	243121.0	54.2	19	1	1111.0	-	-
4	396034.0	61.2	19	1	1104.0	-	-
5	546225.0	97.1	19	3	1157.0	1969.0	1100.0
6	70998.0	98.3	19	3	1142.0	1699.0	1622.0
7	224093.0	62.4	19	1	1655.0	-	-
8	376127.0	80.2	19	2	1126.0	1769.0	-
9	527806.0	87.5	19	3	1216.0	1448.0	1179.0
10	52247.0	85.8	19	3	1847.0	1348.0	1472.0
11	204582.0	88.1	19	3	1023.0	1124.0	1631.0
12	357941.0	65.3	19	1	1848.0	-	-
13	510977.0	52.5	19	1	1470.0	-	-
14	33698.0	52.3	19	1	1312.0	-	-
15	186023.0	74.1	19	2	1915.0	1200.0	-
16	339327.0	54.9	19	1	1479.0	-	-
17	491053.0	76.2	19	2	1376.0	1502.0	-
18	14858.0	60.4	19	1	1758.0	-	-
19	167387.0	81.5	19	2	1491.0	1103.0	-

Trial Number 29							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	507709.0	50.5	10	1	1857.0	-	-
2	750249.0	55.7	10	1	1246.0	-	-
3	989003.0	85.8	10	3	1774.0	1002.0	1967.0
4	235634.0	76.9	10	2	1125.0	1474.0	-
5	477675.0	75.1	10	2	1254.0	1052.0	-
6	718312.0	92.3	10	3	1180.0	1486.0	1492.0
7	960895.0	78.1	10	2	1301.0	1757.0	-
8	205370.0	92.2	10	3	1898.0	1252.0	1713.0
9	446940.0	89.0	10	3	1260.0	1706.0	1411.0
10	689225.0	70.9	10	2	1578.0	1620.0	-
11	932305.0	63.1	10	1	1782.0	-	-
12	176231.0	55.3	10	1	1522.0	-	-

Trial Number 30							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	277485.0	83.4	17	3	1454.0	1205.0	1801.0
2	437880.0	97.3	17	3	1319.0	1826.0	1635.0
3	598445.0	90.4	17	3	1079.0	1986.0	1674.0
4	97088.0	91.8	17	3	1563.0	1151.0	1802.0
5	257251.0	98.2	17	3	1876.0	1977.0	1766.0
6	419893.0	59.5	17	1	1952.0	-	-
7	580724.0	80.0	17	2	1253.0	1137.0	-
8	77366.0	86.5	17	3	1054.0	1128.0	1828.0
9	238032.0	91.1	17	3	1105.0	1599.0	1442.0
10	398605.0	93.5	17	3	1867.0	1373.0	1087.0
11	562025.0	60.7	17	1	1033.0	-	-
12	57684.0	67.2	17	2	1288.0	1405.0	-
13	219083.0	61.8	17	1	1585.0	-	-
14	379234.0	79.4	17	2	1933.0	1667.0	-
15	540896.0	81.4	17	2	1096.0	1464.0	-
16	37916.0	65.7	17	1	1496.0	-	-
17	198794.0	76.0	17	2	1733.0	1255.0	-
18	359754.0	81.0	17	2	1326.0	1668.0	-

5.10.In-Service Monitoring

The In-Service Monitoring is defined as the process by which an RLAN monitors the Operating Channel for the presence of radar signals.

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

5.10.1. Test Limit

Parameter	Value
Channel Move Time	< 10 s (See Note 1)
Channel Closing Transmission Time	< 200 ms+ an aggregate of 60 milliseconds over remaining 10 second period. (See Notes 1 and Notes 2.)
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.	

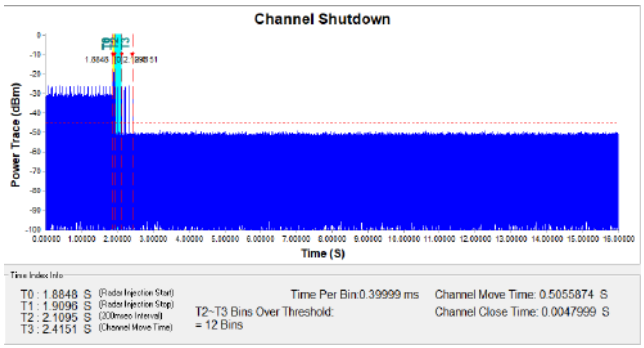
Limits Clause 4.7.2.2.2

The In-Service Monitoring shall be used to continuously monitor an Operating Channel.

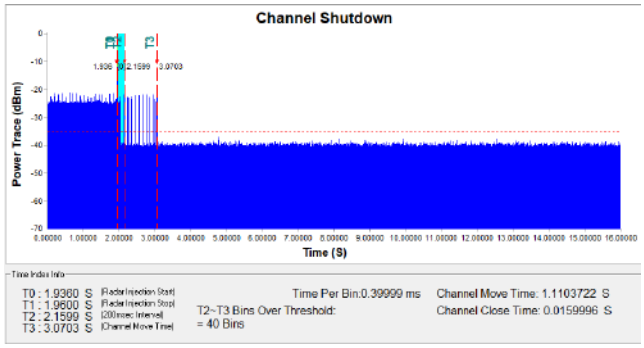
The In-Service-Monitoring shall start immediately after the RLAN has started transmissions on an Operating Channel.

5.10.2. Test Result of In-Service Monitoring

AP mode
Modulation Type: 802.11ax HE160
CH114 @5500MHz



Mesh client mode
Modulation Type: 802.11ax HE160
CH114 @5500MHz



5.11. Non-Occupancy Period

The Channel Shutdown is defined as the process initiated by the RLAN device immediately after a radar signal has been detected on an Operating Channel.
The master device shall instruct all associated slave devices to stop transmitting on this channel, which they shall do within the Channel Move Time.
Slave devices with a Radar Interference Detection function, shall stop their own transmissions within the Channel Move Time.
The aggregate duration of all transmissions of the RLAN device on this channel during the Channel Move Time shall be limited to the Channel Closing Transmission Time. The aggregate duration of all transmissions shall not include quiet periods in between transmissions.

5.11.1. Test Limit

Radar Test Signal	Master (min)	Client (min)
0	> 30	> 30

5.11.2. Test Result of Non-Occupancy Period

Modulation Type: 802.11ax HE160
CH114 @5500MHz

----------THE END OF REPORT----------