

DFS Test Report

Report No.: RFBBQZ-WTW-P21020440C-2

FCC ID: PY320100488

Test Model: RBR350, RBS350

Series Model: SXR30, SXS30

Received Date: 2023/8/9

Test Date: 2023/8/20 ~ 2023/8/25

Issued Date: 2023/9/12

Applicant and Manufacturer: NETGEAR, INC.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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33383, Taiwan

**FCC Registration /
Designation Number:** 788550 / TW0003



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Release Control Record

Issue No.	Description	Date Issued
RFBBQZ-WTW-P21020440C-2	Original release.	2023/9/12

1 Certificate of Conformity

Product: Orbi Router, Orbi Satellite, Orbi Pro WiFi 6 Mini Router, Orbi Pro WiFi 6 Mini Satellite

Brand: NETGEAR

Test Model: RBR350, RBS350

Series Model: SXR30, SXS30

Sample Status: Mass product

**Applicant and
Manufacturer:** NETGEAR, INC.

Test Date: 2023/8/20 ~ 2023/8/25

Standards: FCC Part 15, Subpart E (Section 15.407)

References Test KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

Guidance: KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Pettie Chen , **Date:** 2023/9/12
Pettie Chen / Senior Specialist

Approved by : Jeremy Lin , **Date:** 2023/9/12
Jeremy Lin / Project Engineer

2 EUT Information

2.1 Operating Frequency Bands and Mode of EUT

Table 1: Operating Frequency Bands and Mode of EUT

Operational Mode	Operating Frequency Range	
	5250~5350MHz	5470~5725MHz
Master	✓	✓
Slave without radar Detection	✓	✓

2.2 EUT Software and Firmware Version

Table 2: The EUT Software/Firmware Version

No.	Product	Model No.	Software/Firmware Version
1	Orbi Router	RBR350 (refer to note)	V4.3.3.102
2	Orbi Satellite	RBS350 (refer to note)	V4.3.3.102

Note: The models are listed as below.

Brand	Product Name	Model Name	Difference
NETGEAR	Orbi Router	RBR350	Function: Master RJ45*4
	Orbi Pro WiFi 6 Mini Router	SXR30	Function: Master RJ45*4 The HW design is identical with RBR350 except its housing.
	Orbi Pro WiFi 6 Mini Satellite	SXS30	Function: Master + Client RJ45*4 The HW design is identical with RBR350 except its housing.
	Orbi Satellite	RBS350	Function: Master + Client RJ45*2

*The model: RBR350 & RBS350 were chosen for the final tests.

2.3 Description of Available Antennas to the EUT

Table 3: Antenna List

The antenna information is listed as below.

No antenna information is listed as below.		
Ant. Type		Dipole
Connector Type		I-PEX
Antenna Gain (dBi)		
Item	5G Band 2	5G Band 3
Ant 1(1st)	2.89	2.96
Ant 1(2nd)	1.76	2.76
Ant 2	2.45	2.93

* Antenna 1 (2nd) & Ant 2 were chosen for final test and presented in the DFS test report.

* In addition to the DFS test report, select the maximum antenna gain (Ant 1(1st) & Ant 2) for final testing.

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

Beamforming Mode:

5250~5350MHz Directional Gain = 5.68 dBi

5470~5725MHz Directional Gain = 5.96 dBi

* Select the maximum antenna gain (Ant 1 (1st) & Ant 2) to calculate the directional gain.

2.4 EUT Maximum Conducted Power

Table 4: The Measured Conducted Output Power

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.08	203.444
5470~5725	23.26	211.635

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.29	213.181
5470~5725	23.29	213.098

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.27	212.129
5470~5725	23.38	217.706

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.22	166.628
5470~5725	23.36	216.606

Beamforming Mode

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.29	213.181
5470~5725	23.29	213.098

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.27	212.129
5470~5725	23.38	217.706

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.22	166.628
5470~5725	23.36	216.606

2.5 EUT Maximum E.I.R.P. Power

Table 5: The EIRP Output Power List

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	25.97	395.772
5470~5725	26.22	418.396

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	26.18	414.714
5470~5725	26.25	421.288

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	26.16	412.667
5470~5725	26.34	430.398

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	25.11	324.151
5470~5725	26.32	428.223

Beamforming Mode

802.11ax (HE20)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	28.97	788.403
5470~5725	29.25	840.581

802.11ax (HE40)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	28.95	784.513
5470~5725	29.34	858.757

802.11ax (HE80)

Frequency Band (MHz)	Max. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	27.90	616.237
5470~5725	29.32	854.418

2.6 Transmit Power Control (TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 858.757mW which is more than 500mW, therefore it's require TPC function.

Applicable	E.I.R.P	FCC 15.407 (h)(1)
√	>500mW	The TPC mechanism is required for system with an E.I.R.P of above 500mW
	<500mW	The TPC mechanism is not required for system with an E.I.R.P of less 500mW

The EUT can adjust a transmitter's output power based on the signal level present at the receiver. TPC is auto controlled by software.

2.7 Statement of Manufacturer

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

3 U-NII DFS Rule Requirements

3.1 Working Modes and Required Test Items

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 6 and 7 for the applicability of DFS requirements for each of the operational modes.

Table 6: Applicability of DFS Requirements Prior To Use a Channel

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	✓ note	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

Note: Per KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.

Table 7: Applicability of DFS Requirements during Normal Operation.

Requirement	Operational Mode	
	Master or Client with radar detection	Client without radar detection
DFS Detection Threshold	✓	Not required
Channel Closing Transmission Time	✓	✓
Channel Move Time	✓	✓
U-NII Detection Bandwidth	✓	Not required

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 tests	Any single BW mode	Not required

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

3.2 Test Limits and Radar Signal Parameters

Detection Threshold Values

Table 8: 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	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

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

Table 9: DFS Response Requirement Values

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

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

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

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

Parameters of DFS Test Signals

Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 10: 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 ----- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Table 11: 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

Three subsets of trials will be performed with a minimum of ten trials per subset. The subset of trials differ in where the Long Pulse Type 5 Signal is tuned in frequency.

- a) the Channel center frequency
- b) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth
- c) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth

It include 10 trails for every subset, the formula as below,

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.

For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by:

$$FL + (0.4 * \text{Chirp Width [in MHz]})$$

For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by:

$$FH - (0.4 * \text{Chirp Width [in MHz]})$$

Table 12: Frequency Hopping Radar Test Waveform

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

4 Test & Support Equipment List

4.1 Test Instruments

Table 13: Test Instruments List

Description	Brand	Model No.	Calibrated Date	Calibrated Until
Spectrum analyzer	R&S	ESR	Mar. 15, 2023	Mar. 14, 2024
Signal generator	KEYSIGHT	MXG	Jan. 06, 2023	Jan. 05, 2024
Horn antenna	Schwarzbeck	BBHA 9120 D	Nov. 13, 2022	Nov. 12, 2023
RF coaxial cable	HUBER SUHNER	SUCOFLEX 104	NA	NA

Note: Calibrate the RF coaxial cable before each test and use the radiation or conducted method to calibrate the reference FCC KDB 412172 standard.

4.2 Description of Support Units

Table 14: Support Unit Information.

No.	Product	Brand	Model No.	FCC ID	Spec.
1	Wireless module	Intel	AX200NGW	PD9AX200NG	---
2	Orbi Router	NETGEAR	RBR350	PY320100488	5G Ant gain: 2.93dB Maximum EIRP: 26.34 dBm

NOTE: This device No.1 was functioned as a ☐ Master ☒ Slave device during the DFS Master test.
This device No.2 was functioned as a ☒ Master ☐ Slave device during the DFS Slave test.

Table 15: Software/Firmware Information.

No.	Product	Model No.	Software/Firmware Version
1	Wireless module	AX200NGW	22.60.0.6
2	Orbi Router	RBR350	V4.3.3.102

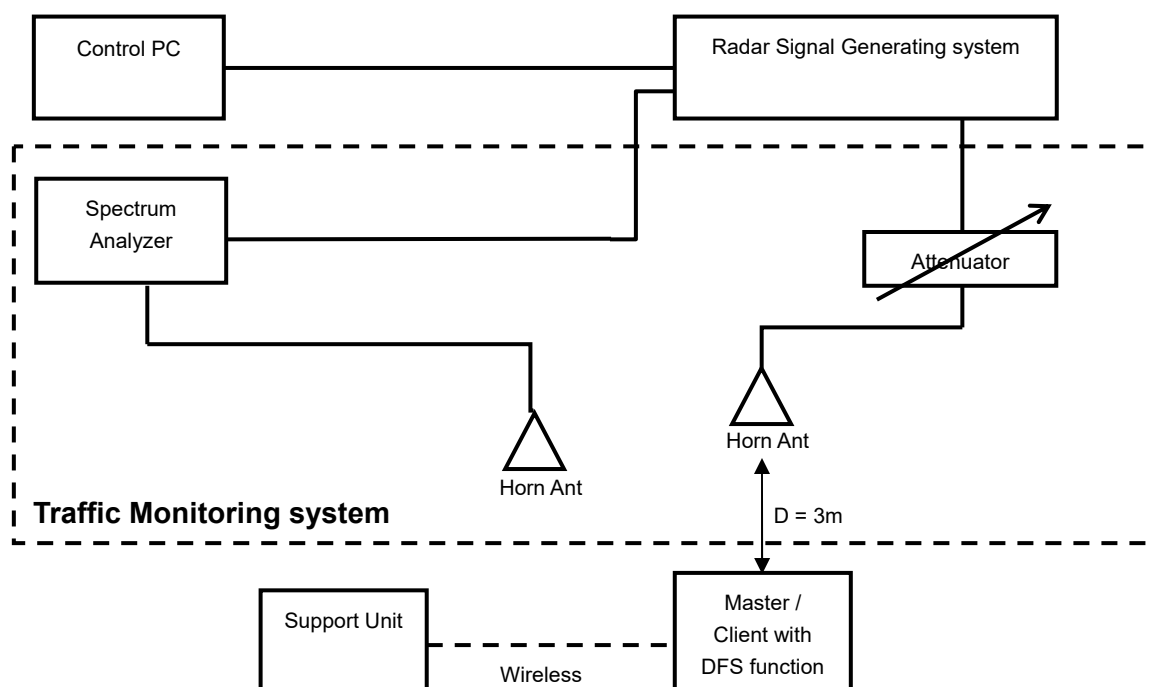
NOTE: This device No.1 was functioned as a ☐ Master ☒ Slave device during the DFS Master test.
This device No.2 was functioned as a ☒ Master ☐ Slave device during the DFS Slave test.

5 Test Procedure

5.1 DFS Measurement System

A complete DFS Measurement System consists of two subsystems: (1) the Radar Signal Generating system and (2) the Traffic Monitoring system. The control PC is necessary for generating the Radar waveforms in Table 10, 11 and 12. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

Radiated Setup Configuration of DFS Measurement System



Channel Loading

System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

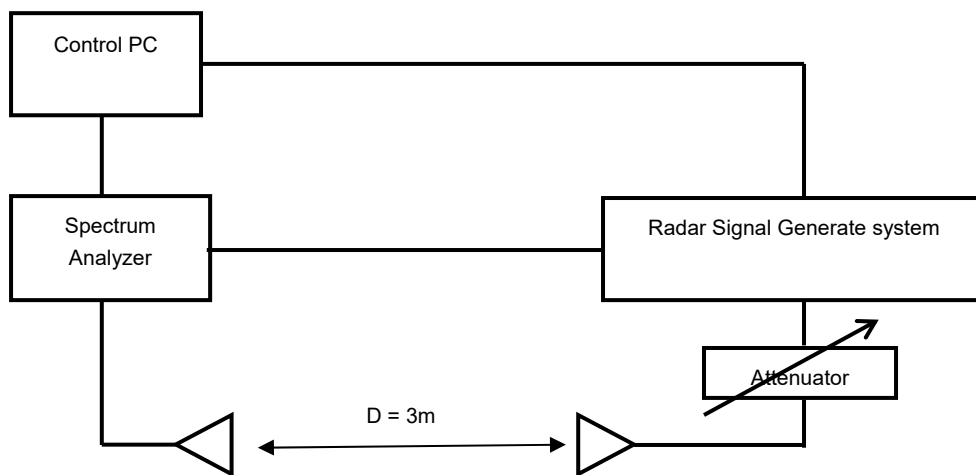
	a) The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
	b) Software to ping the client is permitted to simulate data transfer but must have random ping intervals.
V	c) Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.
	d) Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.

5.2 Calibration of DFS Detection Threshold Level

The measured channel is chosen from the operating channels of the UUT within the 5250-5350MHz or 5470-5725 and using the all bandwidth mode available for the link. The radar signal was the same as transmitted channels, and injected into the antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time.

Radiated setup configuration of Calibration of DFS Detection Threshold Level

The radar signal generate system is generating waveform pattern of radar types. The amplitude of the radar signal generator system is adjusted to yield a level of -64 dBm as measured on the spectrum analyzer. The interference detection threshold level is lower than -64dBm hence it provides margin to the limit.

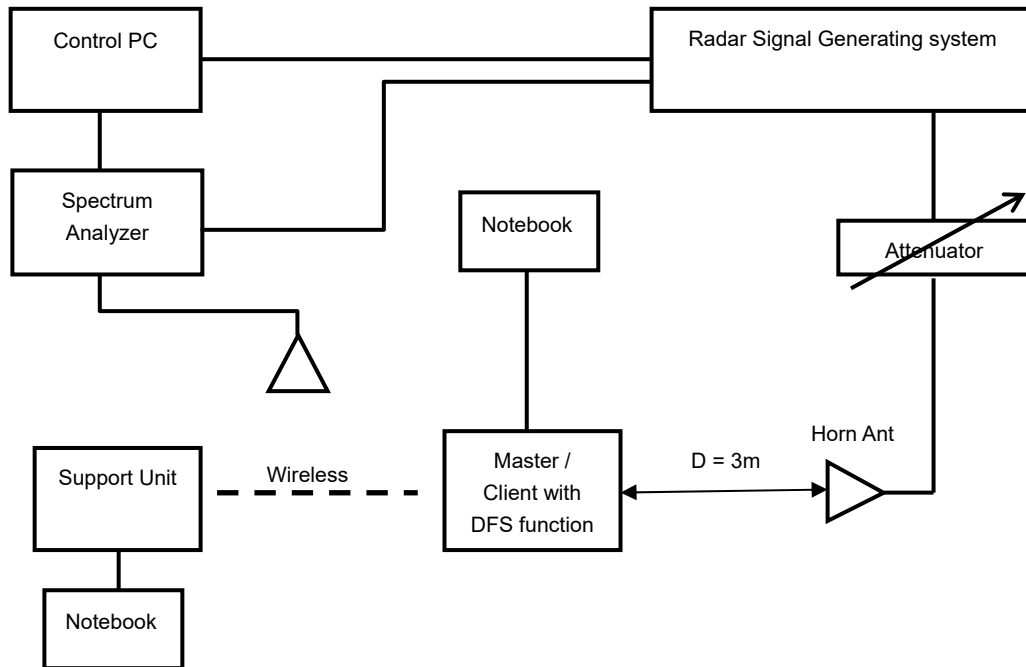


5.3 Deviation from Test Standard

No deviation.

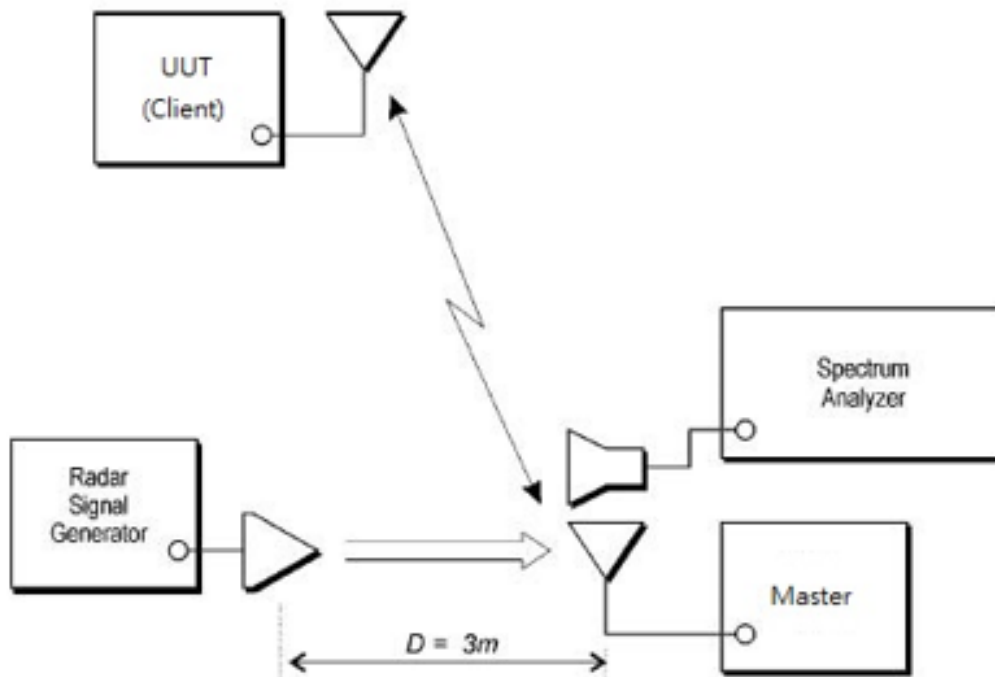
5.4 Radiated Test Setup Configuration

5.4.1 Master Mode



The EUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

5.4.2 Client without Radar Detection Mode



The UUT is a U-NII Device operating in Client mode without radar detection. The radar test signals are injected into the Master Device.

6 Test Results

6.1 Summary of Test Results

EUT Model: RBR350: Master mode

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

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

EUT Model: RBS350: Master mode

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

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

EUT Model: RBS350: Slave mode

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Not Applicable	NA
15.407	Channel Availability Check Time	Not Applicable	NA
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non-Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Not Applicable	NA
15.407	U-NII Detection Bandwidth	Not Applicable	NA
15.407	Non-associated test	Applicable	Pass
15.407	Non-Co-Channel test	Applicable	Pass

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

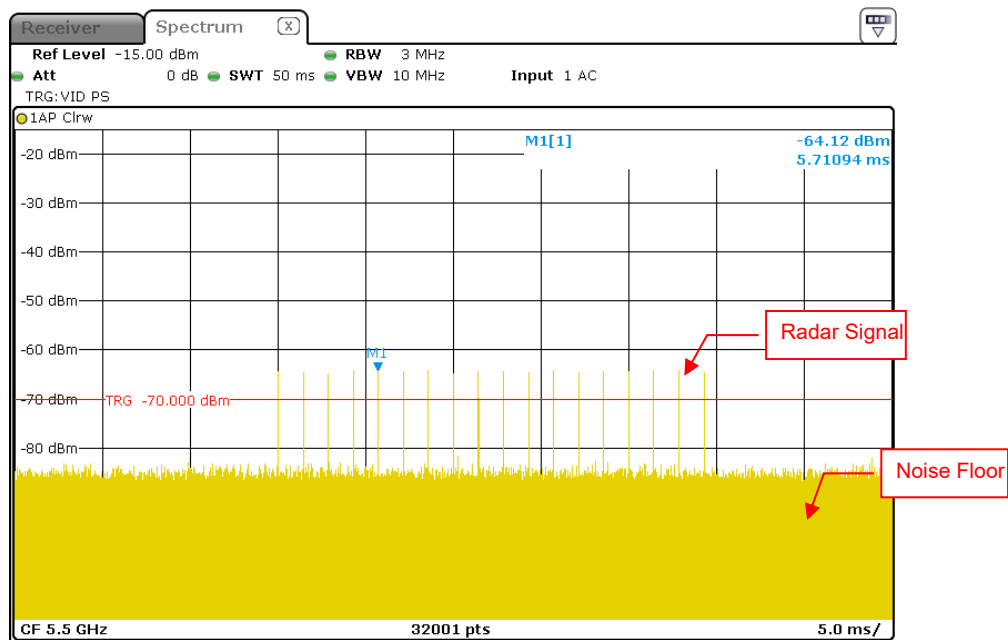
6.2 Test Results

6.2.1 Test Mode: Device Operating In Master Mode

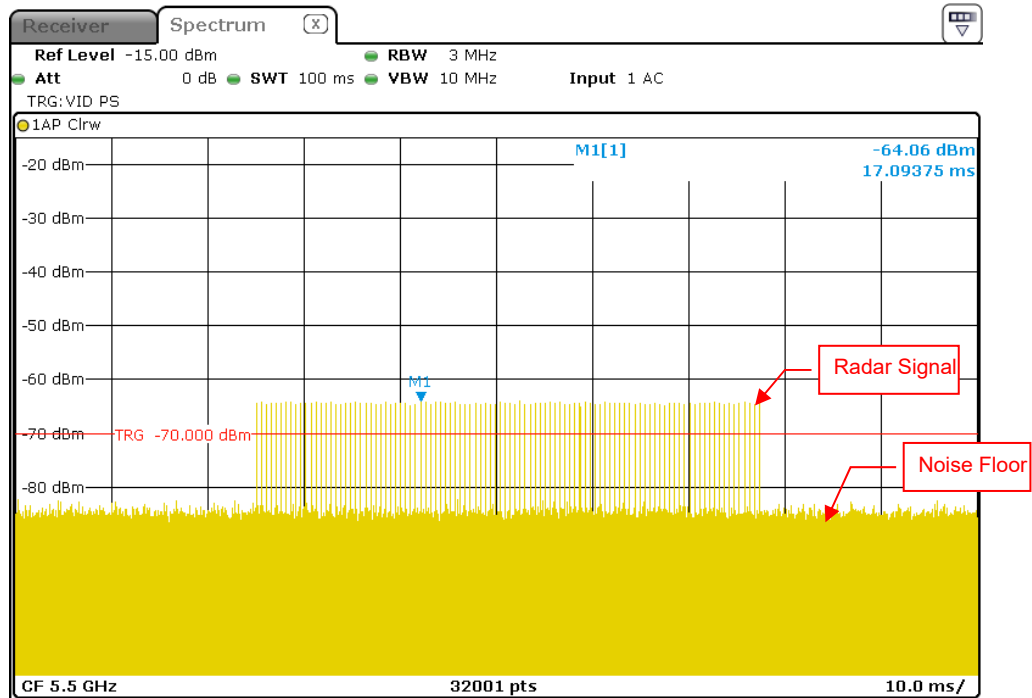
The radar test waveforms are injected into the Master.

DFS Detection Threshold

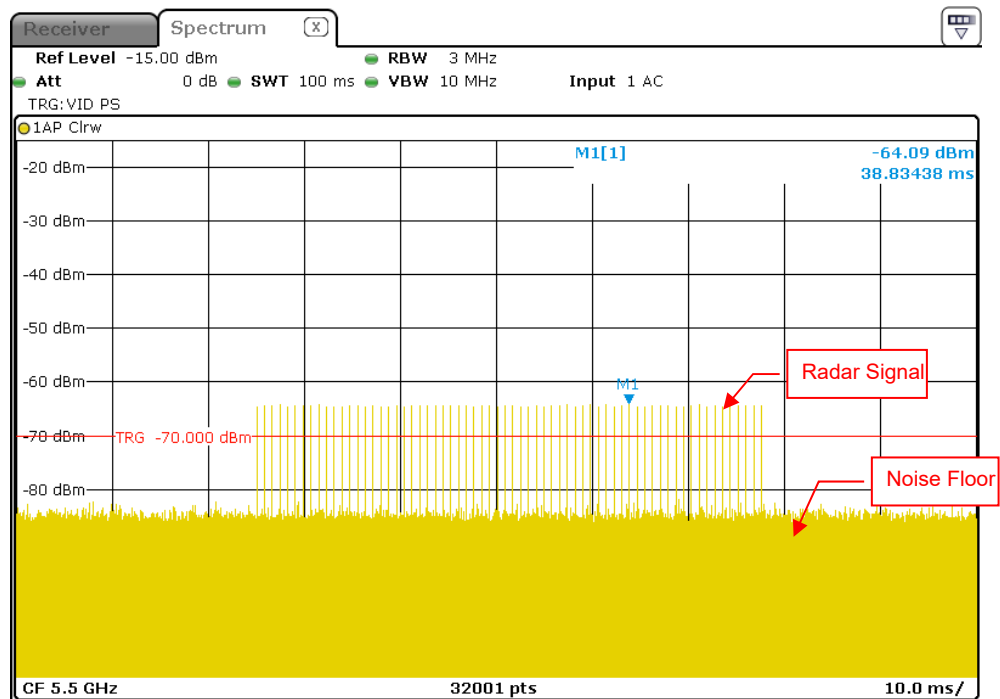
For detection threshold level of -64dBm, the tested level is lower than required level for 1dB, hence it provides margin to the limit.



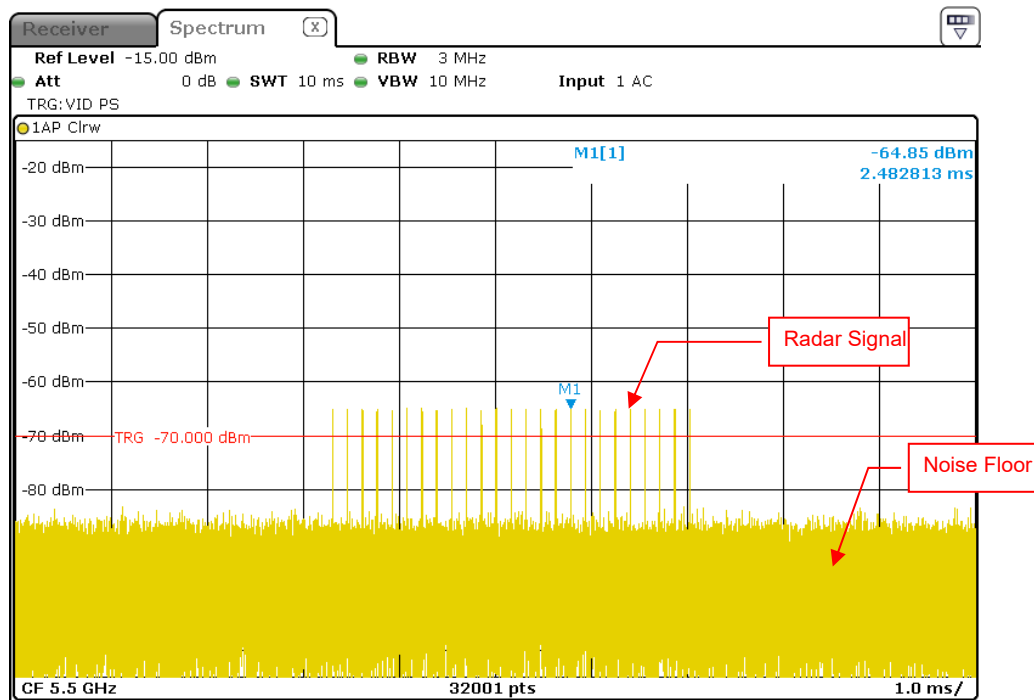
Radar Signal 0



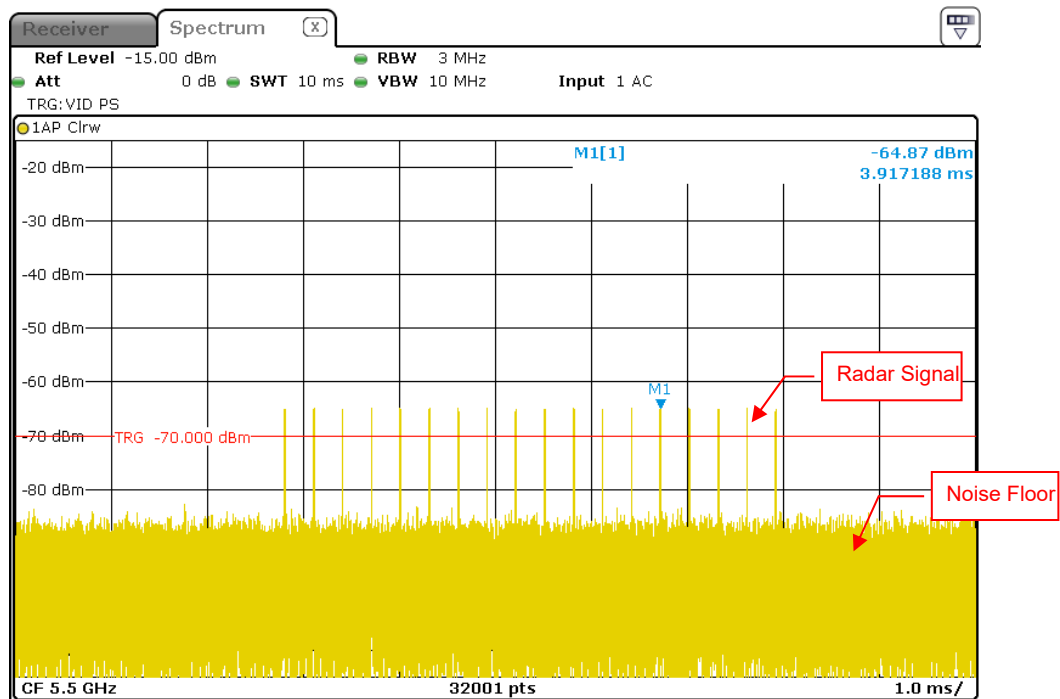
Radar Signal 1 (Test A)



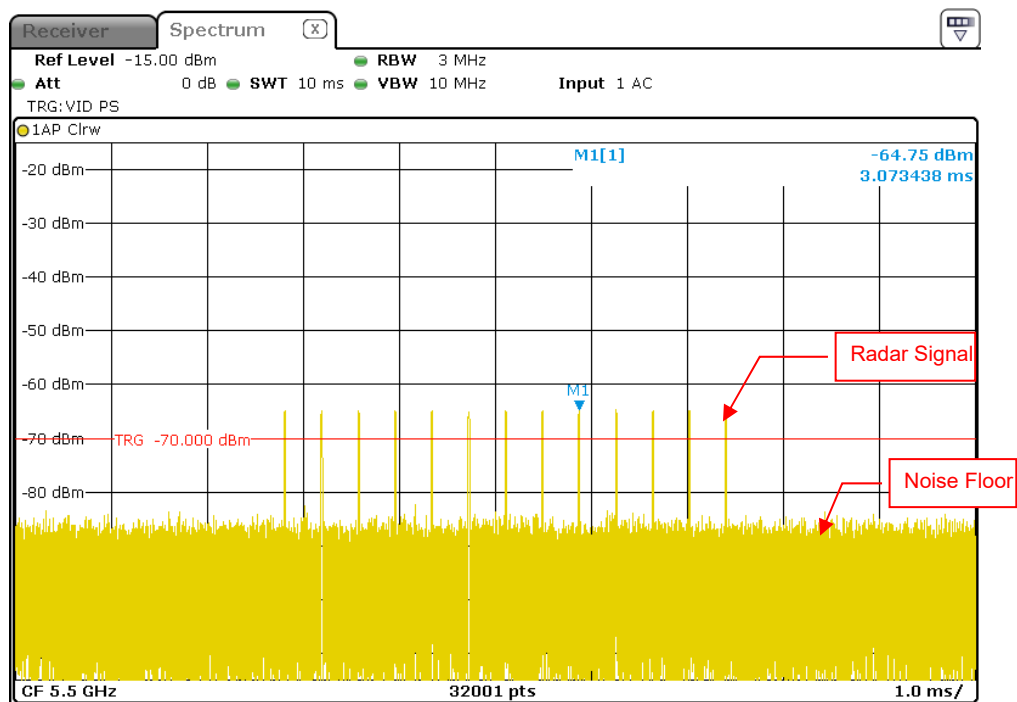
Radar Signal 1 (Test B)



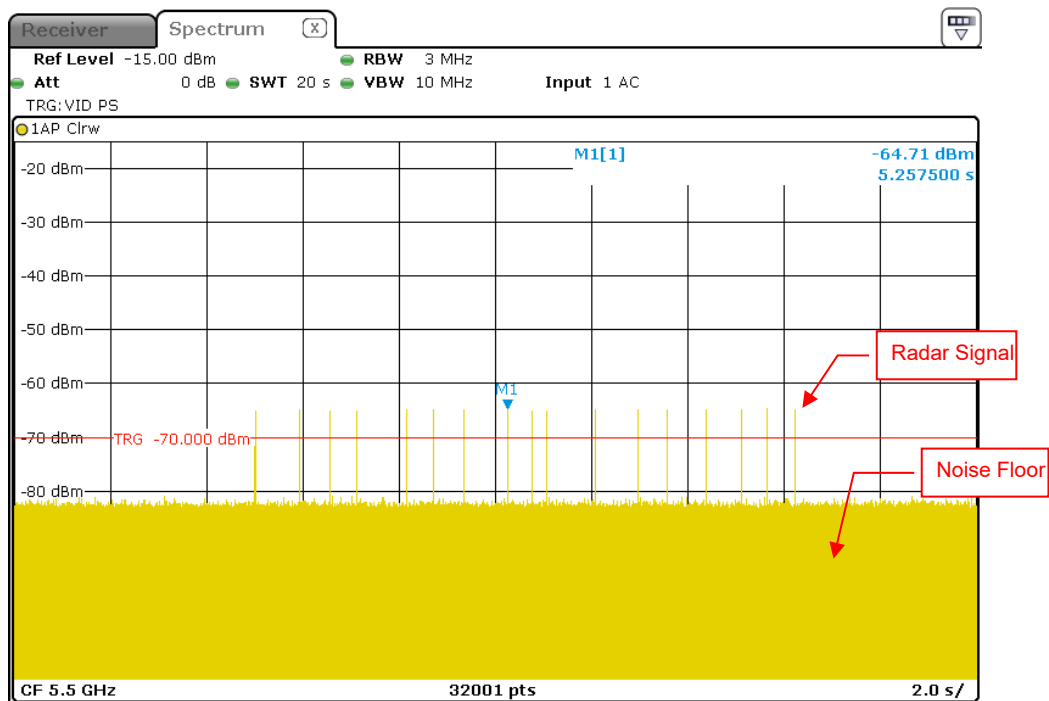
Radar Signal 2



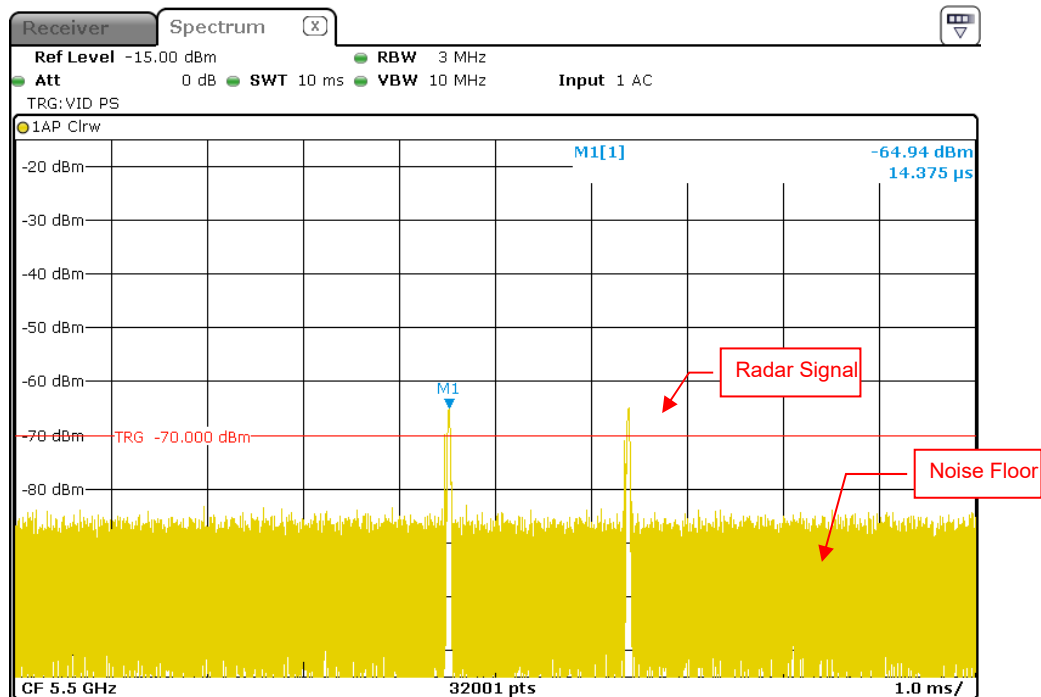
Radar Signal 3



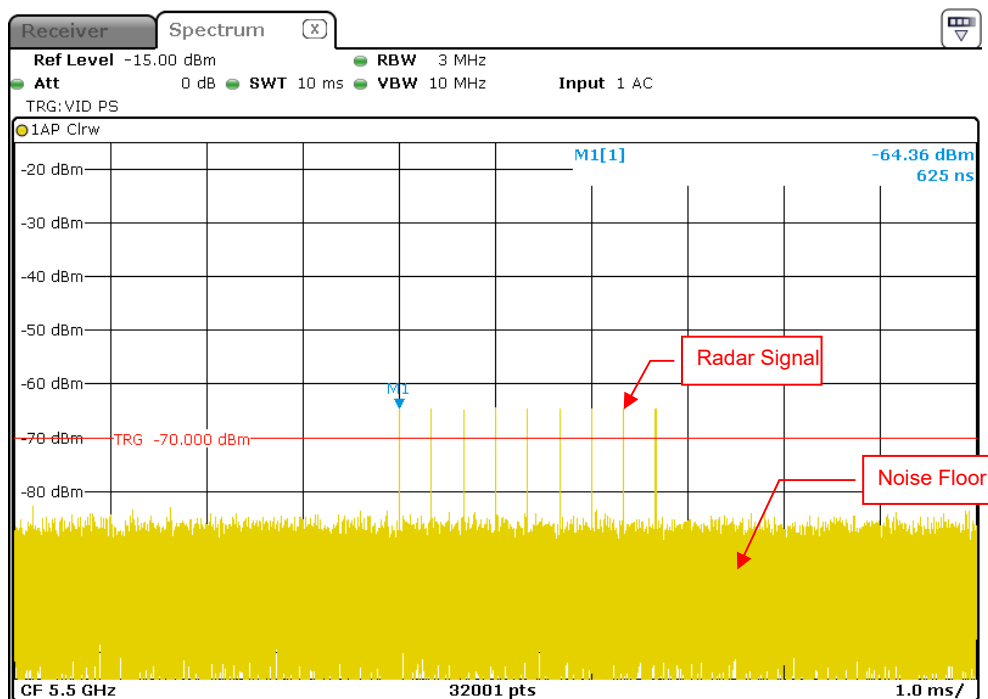
Radar Signal 4



Radar Signal 5



Single Burst of Radar Signal 5

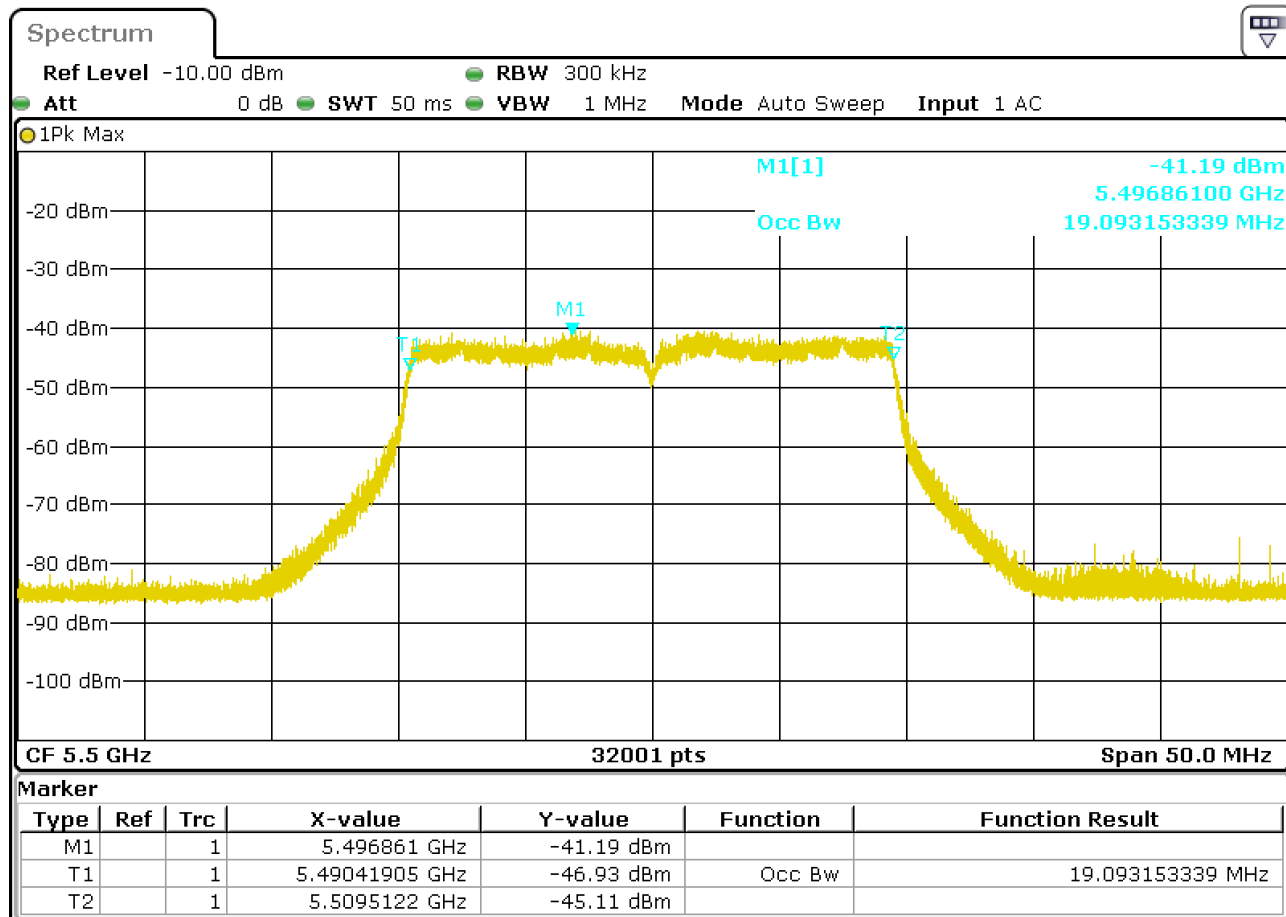


Radar Signal 6

6.2.2 U-NII Detection Bandwidth

EUT Model: RBR350

IEEE 802.11ax (HE20)



U-NII 99% Channel bandwidth

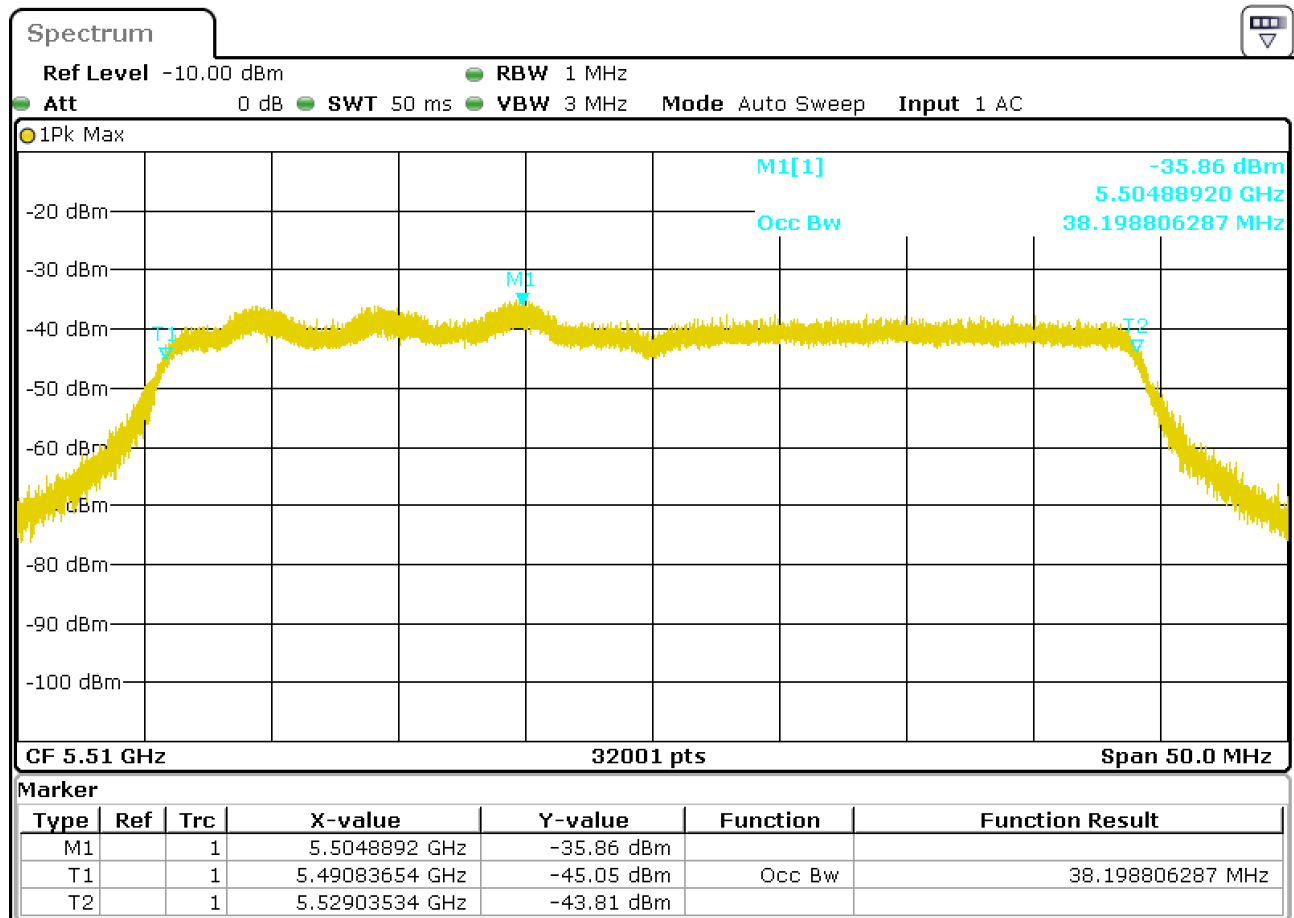
Notes:

UUT Occupied Bandwidth : 19.09 MHz

UUT Occupied Bandwidth low edge (FL) : 5490.42 MHz

UUT Occupied Bandwidth high edge (FH) : 5509.51 MHz

IEEE 802.11ax (HE40)

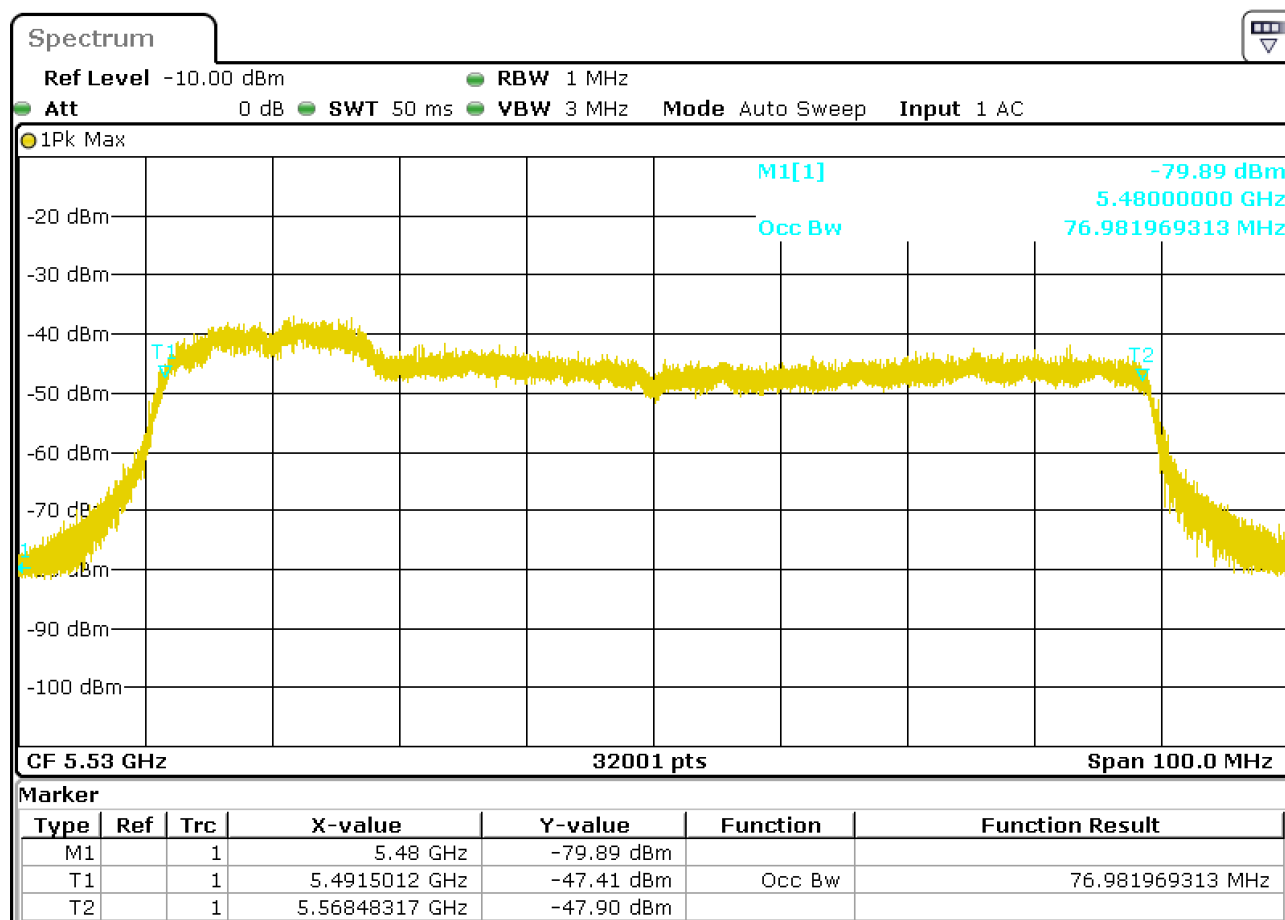


U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 38.2 MHz
 UUT Occupied Bandwidth low edge (FL) : 5490.84 MHz
 UUT Occupied Bandwidth high edge (FH) : 5529.04 MHz

IEEE 802.11ax (HE80)



U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 76.98 MHz
UUT Occupied Bandwidth low edge (FL) : 5491.5 MHz
UUT Occupied Bandwidth high edge (FH) : 5568.48 MHz

Detection Bandwidth Test - 802.11ax (HE20)											
Radar Type 0											
EUT Frequency: 5500MHz											
EUT 99% Power bandwidth: 19.09MHz											
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 19.09MHz											
Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz											
Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - 802.11ax (HE40)

Radar Type 0

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 38.2MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 38.2MHz

Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5531	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - 802.11ax (HE80)

Radar Type 0

EUT Frequency: 5530MHz

EUT 99% Power bandwidth: 76.98 MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 76.98MHz

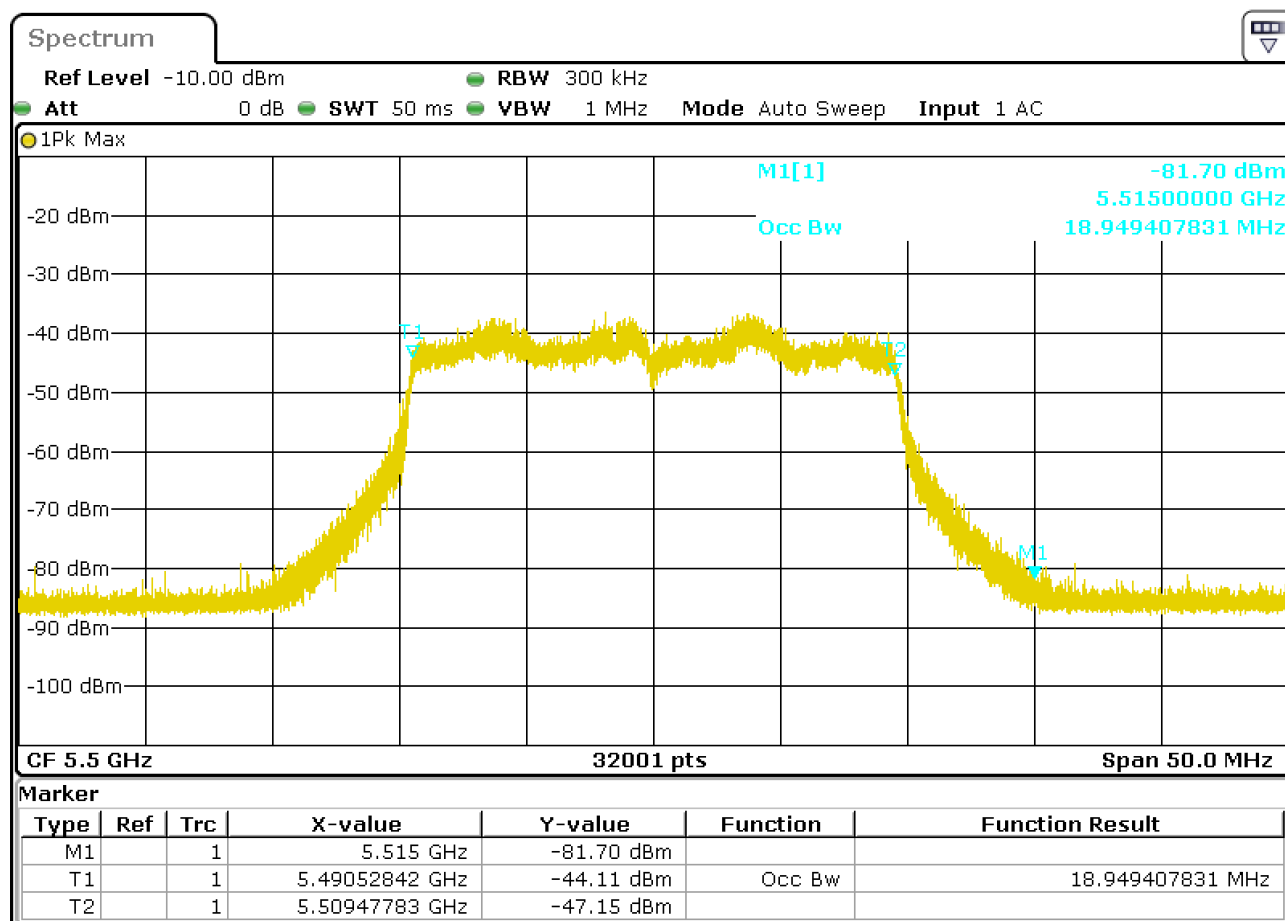
Detection bandwidth (5570(FH) – 5490(FL)) : 80MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5531	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5532	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0

5533	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5534	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5535	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5536	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5537	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5538	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5539	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5540	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5541	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5542	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5543	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5544	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5545	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5546	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5547	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5548	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5549	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5550	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5551	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5552	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5553	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5554	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5555	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5556	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5557	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5558	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5559	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5560	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5561	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5562	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5563	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5564	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5565	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5566	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5567	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5568	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5569	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5570 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5571	No	No	No	No	No	No	No	No	No	No	0.0

EUT Model: RBS350
IEEE 802.11ax HE20

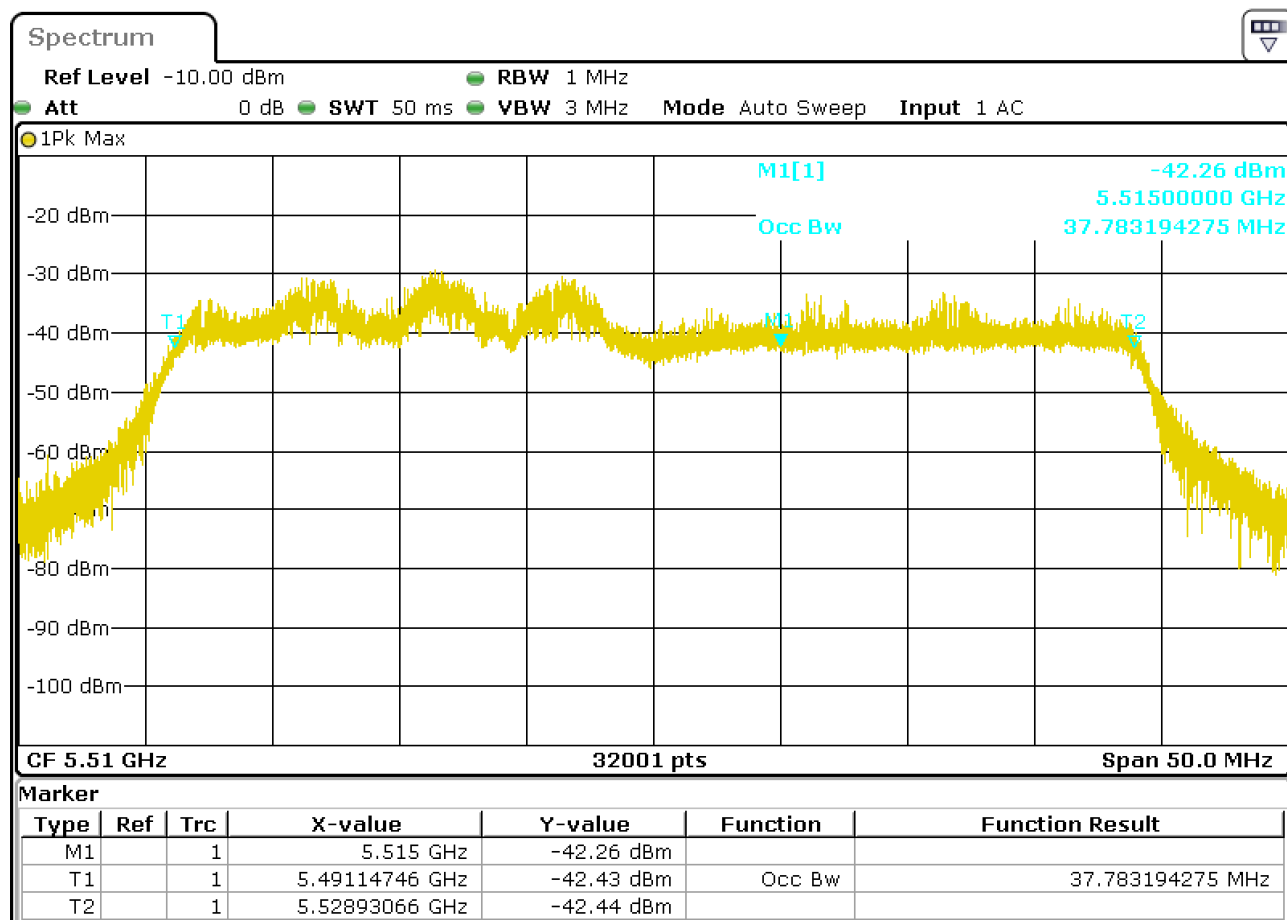


U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 18.95 MHz
UUT Occupied Bandwidth low edge (FL) : 5490.53 MHz
UUT Occupied Bandwidth high edge (FH) : 5509.48 MHz

IEEE 802.11ax HE40

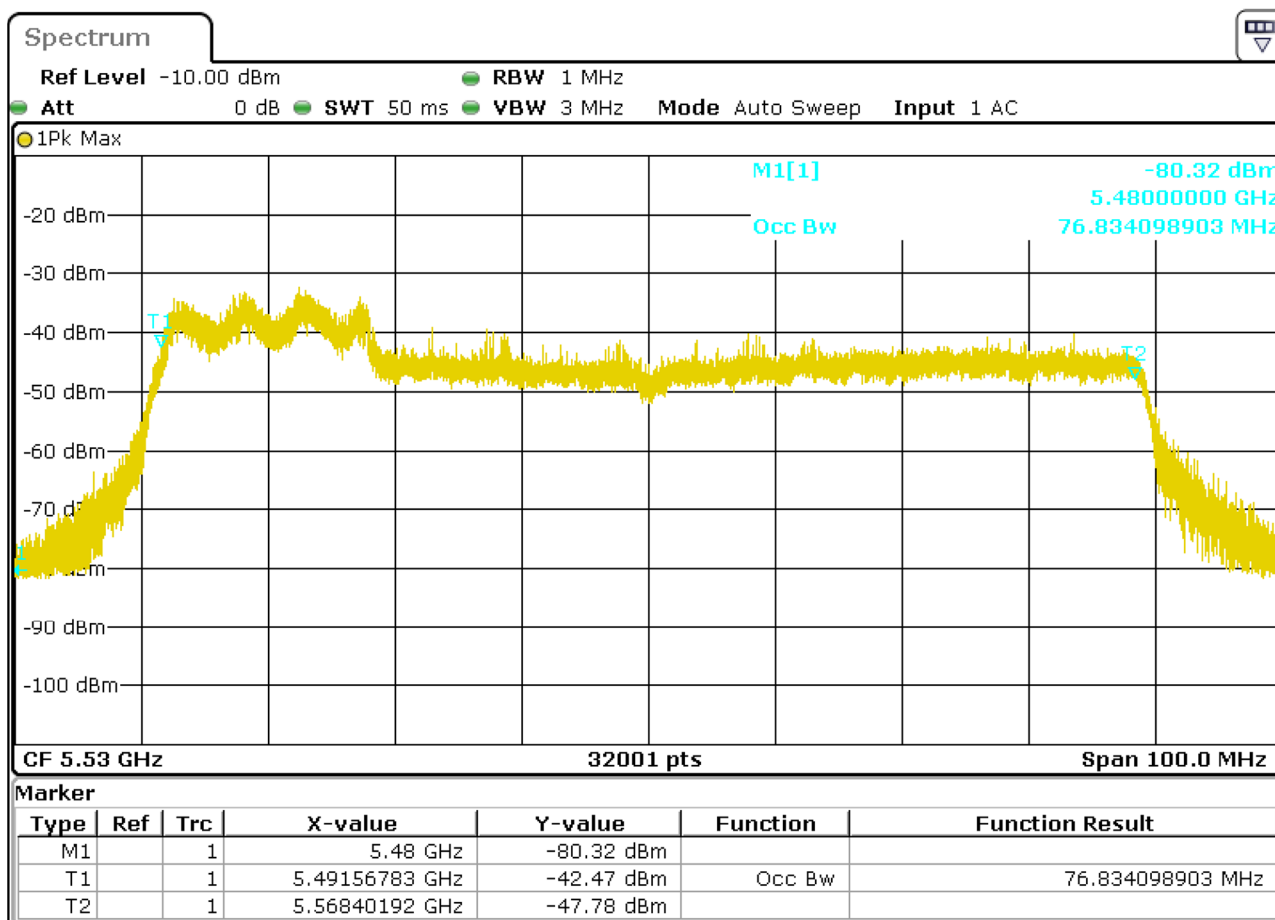


U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 37.78 MHz
 UUT Occupied Bandwidth low edge (FL) : 5491.15 MHz
 UUT Occupied Bandwidth high edge (FH) : 5528.93 MHz

IEEE 802.11ax HE80



U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 76.83 MHz

UUT Occupied Bandwidth low edge (FL) : 5491.57 MHz

UUT Occupied Bandwidth high edge (FH) : 5568.40 MHz

Detection Bandwidth Test - 802.11ax (HE20)

Radar Type 0

EUT Frequency: 5500MHz

EUT 99% Power bandwidth: 18.95MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 18.95MHz

Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - 802.11ax (HE40)

Radar Type 0

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 37.78MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 37.78MHz

Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5531	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - 802.11ax (HE80)

Radar Type 0

EUT Frequency: 5530MHz

EUT 99% Power bandwidth: 76.83 MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 76.83MHz

Detection bandwidth (5570(FH) – 5490(FL)) : 80MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5531	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5532	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0

5533	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5534	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5535	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5536	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5537	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5538	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5539	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5540	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5541	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5542	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5543	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5544	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5545	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5546	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5547	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5548	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5549	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5550	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5551	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5552	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5553	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5554	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5555	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5556	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5557	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5558	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5559	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5560	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5561	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5562	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5563	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5564	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5565	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5566	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5567	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5568	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5569	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5570 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5571	No	No	No	No	No	No	No	No	No	No	0.0

6.2.3 Channel Availability Check Time

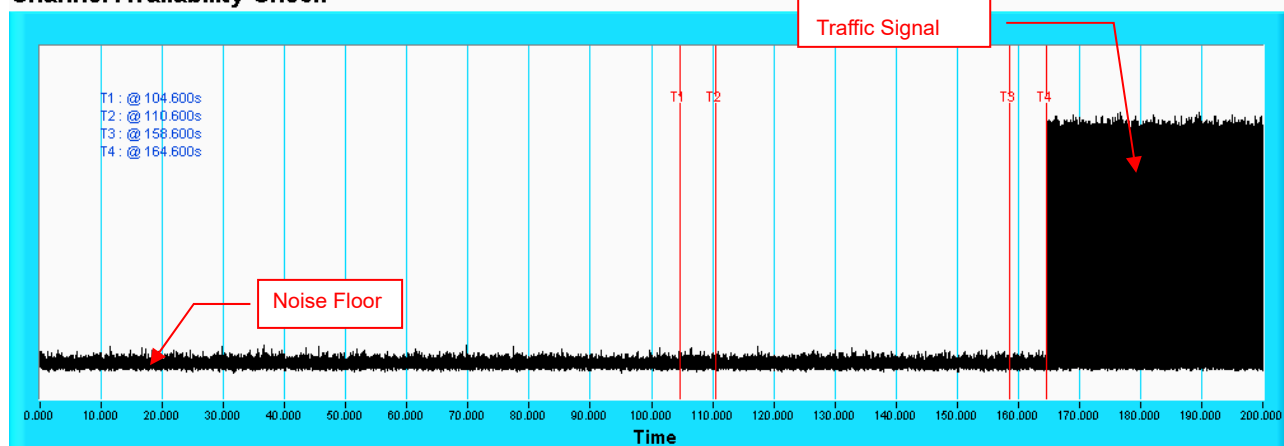
If the EUT successfully detected the radar burst, it should be observed as the EUT has no transmissions occurred until the EUT starts transmitting on another channel.

Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Note: Worst case channel for final “Channel Availability Check” test.

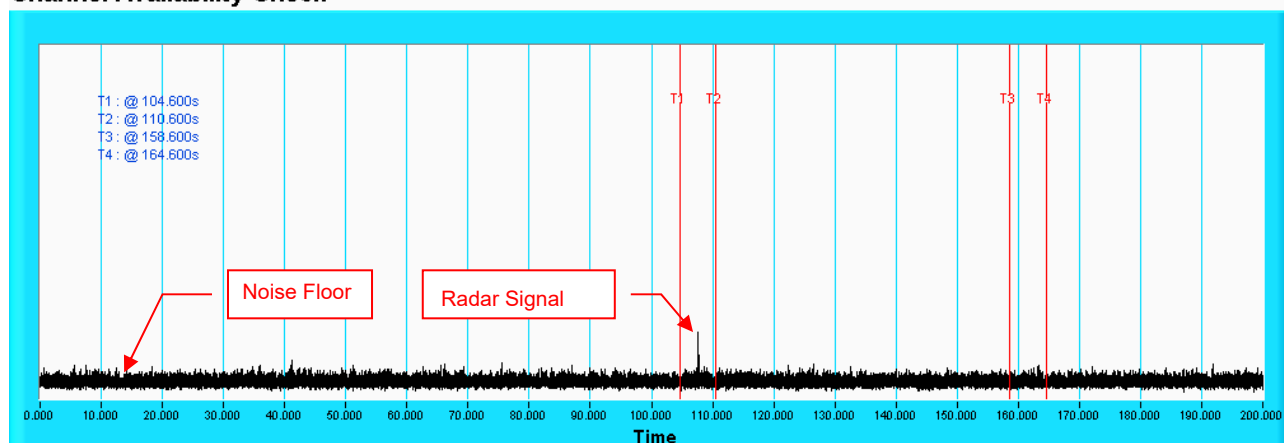
EUT Model: RBR350

Initial Channel Availability Check Time Channel Availability Check



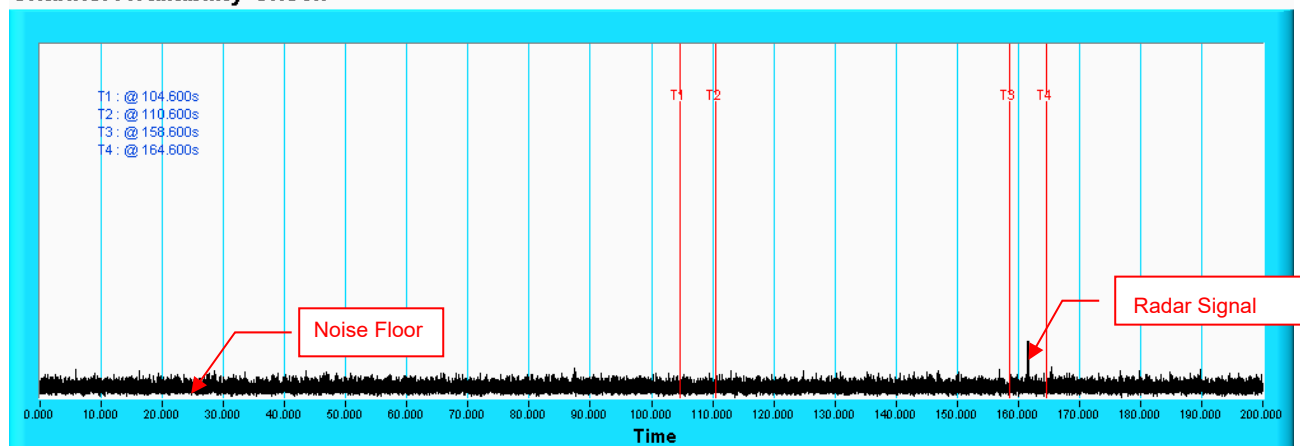
Note: T1 denotes the end of power-up time period is 104.6th second. T4 denotes the end of Channel Availability Check time is 164.6th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

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



NOTE: T1 denotes the end of power up time period is 104.6th second. T2 denotes 110.6th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 164.6th second.

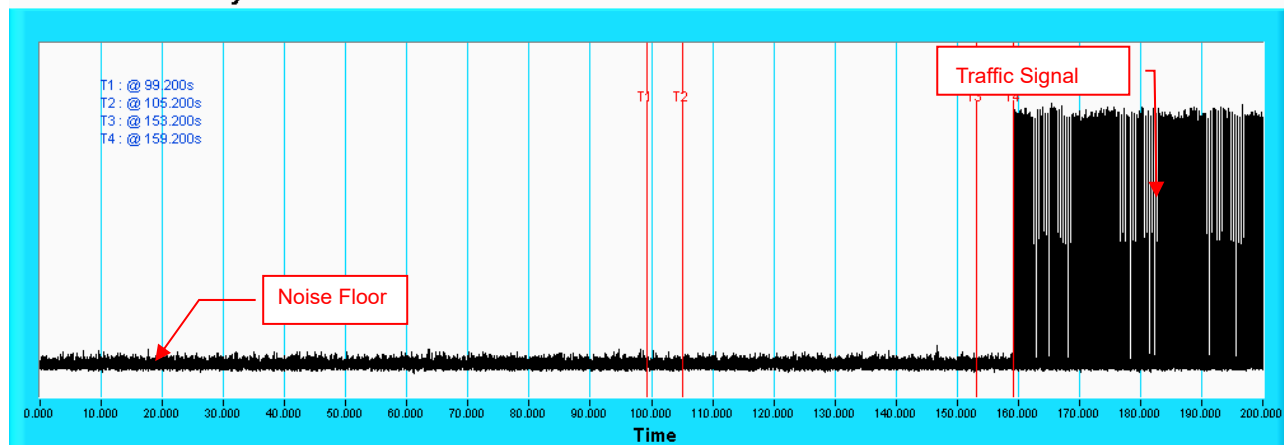
Radar Burst at the End of the Channel Availability Check Time Channel Availability Check



NOTE: T1 denotes the end of power up time period is 104.6th second. T3 denotes 158.6th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 164.6th second.

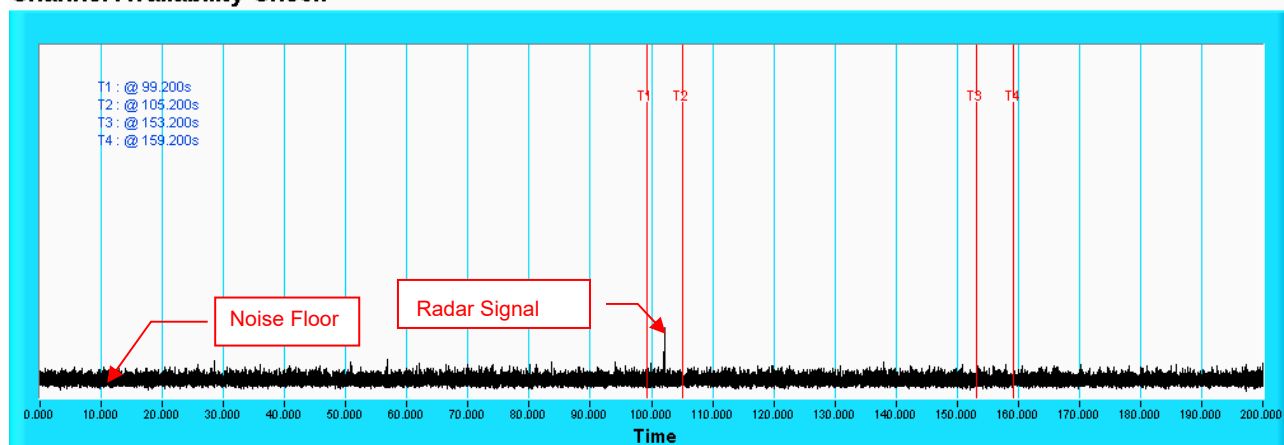
EUT Model: RBS350

Initial Channel Availability Check Time Channel Availability Check



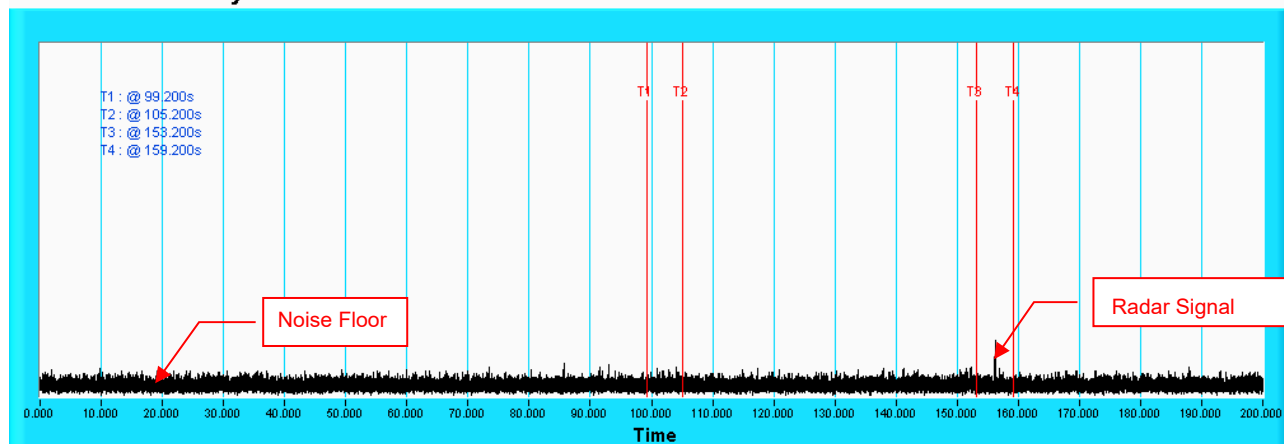
NOTE: T1 denotes the end of power-up time period is 99.2th second. T4 denotes the end of Channel Availability Check time is 159.2th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

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



NOTE: T1 denotes the end of power up time period is 99.2th second. T2 denotes 105.2th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 159.2th second.

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



NOTE: T1 denotes the end of power up time period is 99.2th second. T3 denotes 153.2th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 159.2th second.

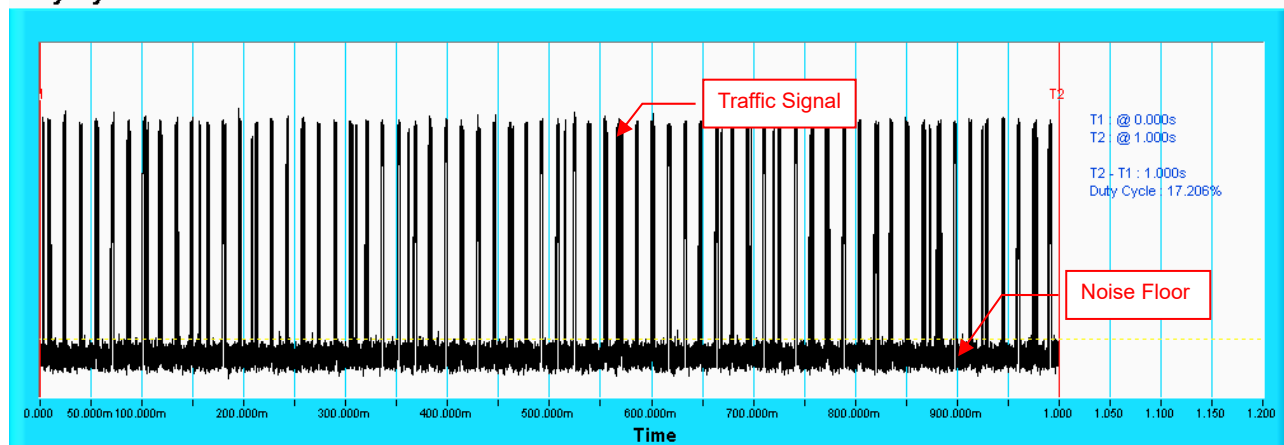
6.2.4 Channel Closing Transmission and Channel Move Time

EUT Model: RBR350

Wireless Traffic Loading

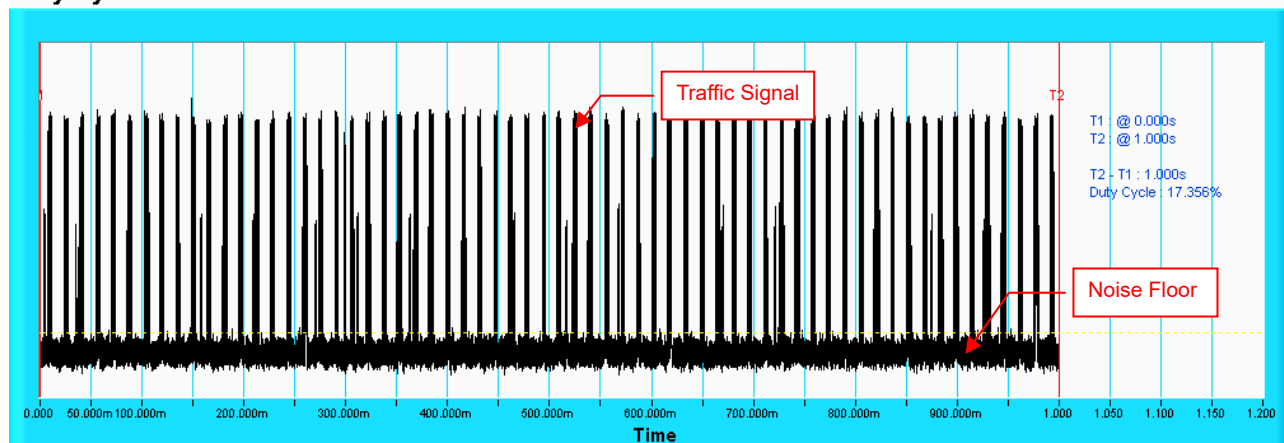
802.11ax (HE20)

Duty Cycle



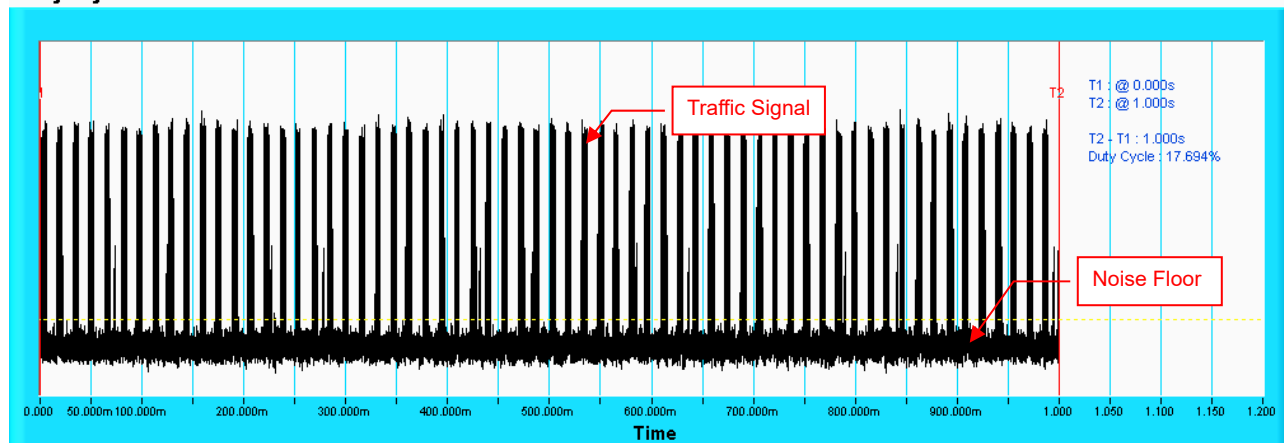
802.11ax (HE40)

Duty Cycle



802.11ax (HE80)

Duty Cycle

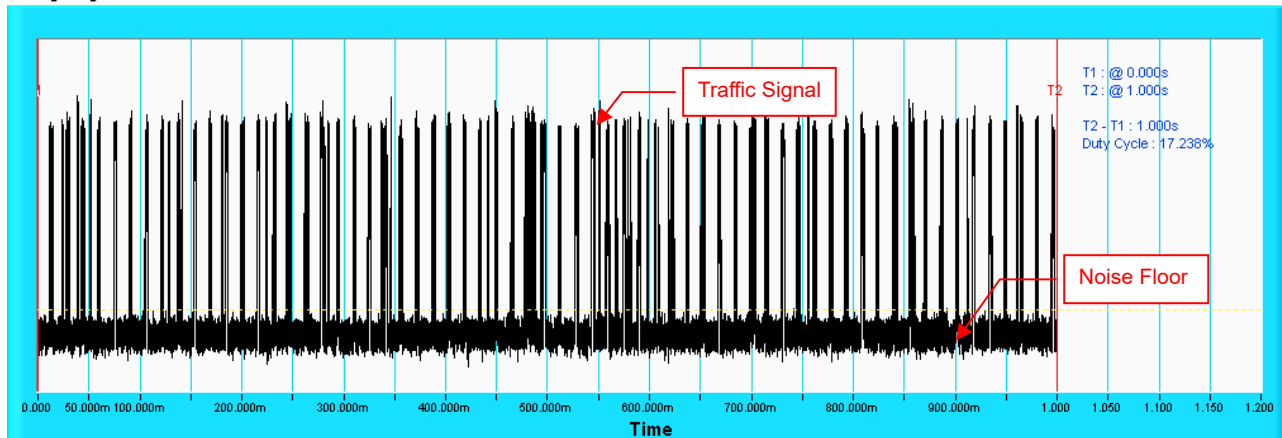


Note: Traffic signal: from master transmit to slave.

EUT Model: RBS350
Wireless Traffic Loading

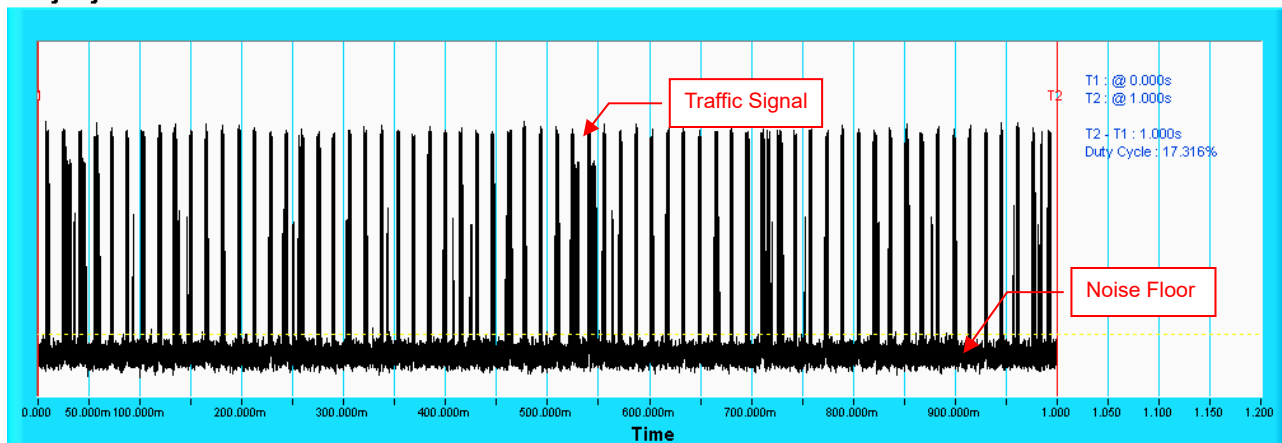
802.11ax (HE20)

Duty Cycle



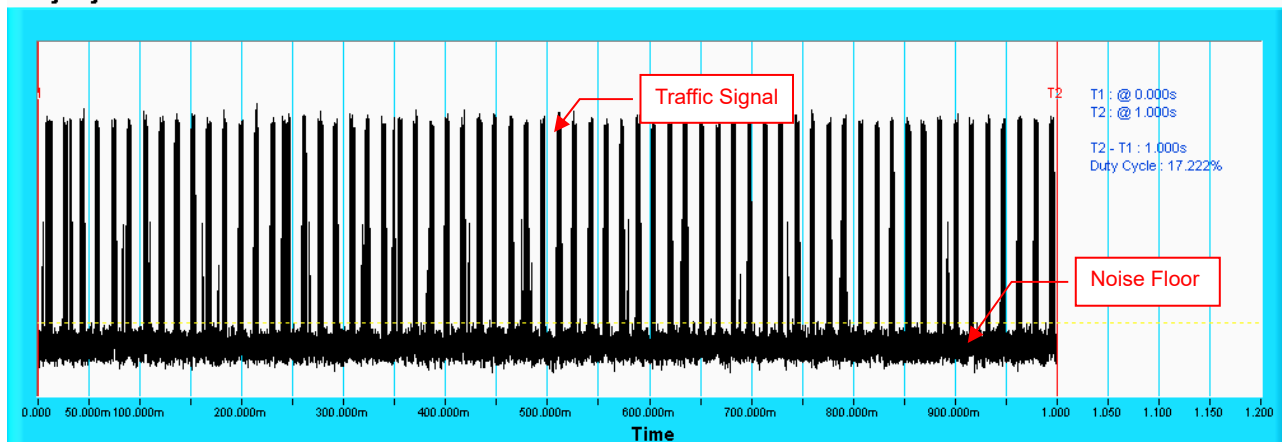
802.11ax (HE40)

Duty Cycle



802.11ax (HE80)

Duty Cycle



Note: Traffic signal: from master transmit to slave.

EUT Model: RBR350

IEEE 802.11ax (HE20)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	96.67
	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	30	96.67
3	6-10	200-500	16-18	30	93.33
4	11-20	200-500	12-16	30	96.67
Aggregate (Radar Types 1-4)				120	95.84

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ax (HE40)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	96.67
	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	30	96.67
3	6-10	200-500	16-18	30	86.67
4	11-20	200-500	12-16	30	73.33
Aggregate (Radar Types 1-4)				120	88.34

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ax (HE80)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	100
	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	30	76.67
3	6-10	200-500	16-18	30	86.67
4	11-20	200-500	12-16	30	73.33
Aggregate (Radar Types 1-4)				120	84.17

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

EUT Model: RBS350

IEEE 802.11ax (HE20)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	$\text{Roundup} \left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	100
	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	30	96.67
3	6-10	200-500	16-18	30	96.67
4	11-20	200-500	12-16	30	90
Aggregate (Radar Types 1-4)				120	95.84

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ax (HE40)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	96.67
	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	30	93.33
3	6-10	200-500	16-18	30	73.33
4	11-20	200-500	12-16	30	83.33
Aggregate (Radar Types 1-4)				120	86.67

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ax (HE80)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	18	30	100
	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	30	96.67
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	83.33
Aggregate (Radar Types 1-4)				120	95

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

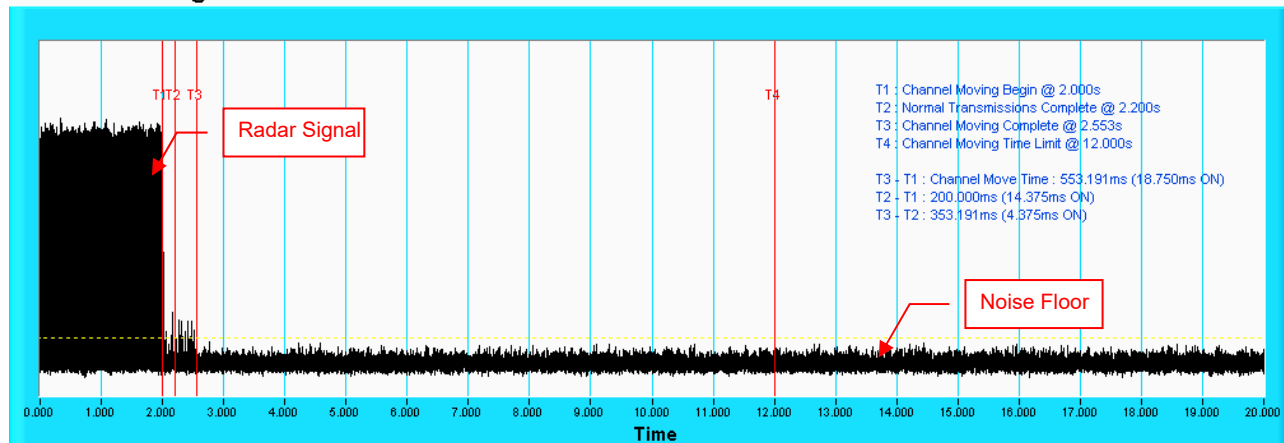
The Detailed Radar pattern and Statistical Performance showed in Annex A.

EUT Model: RBR350 Master Mode

Radar signal 0

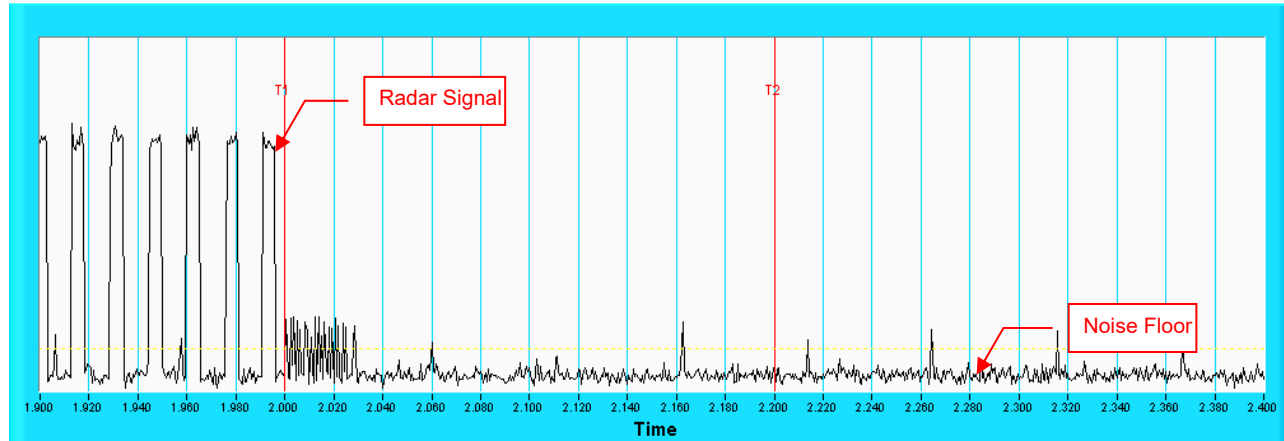
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

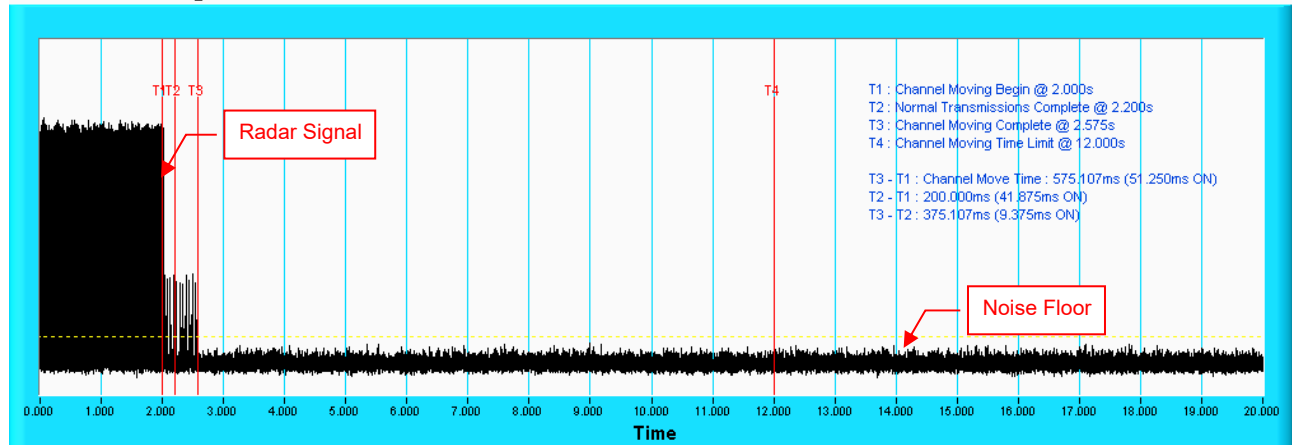


NOTE: Zoom-in of the first 500ms after radar signal applied.

Radar signal 1

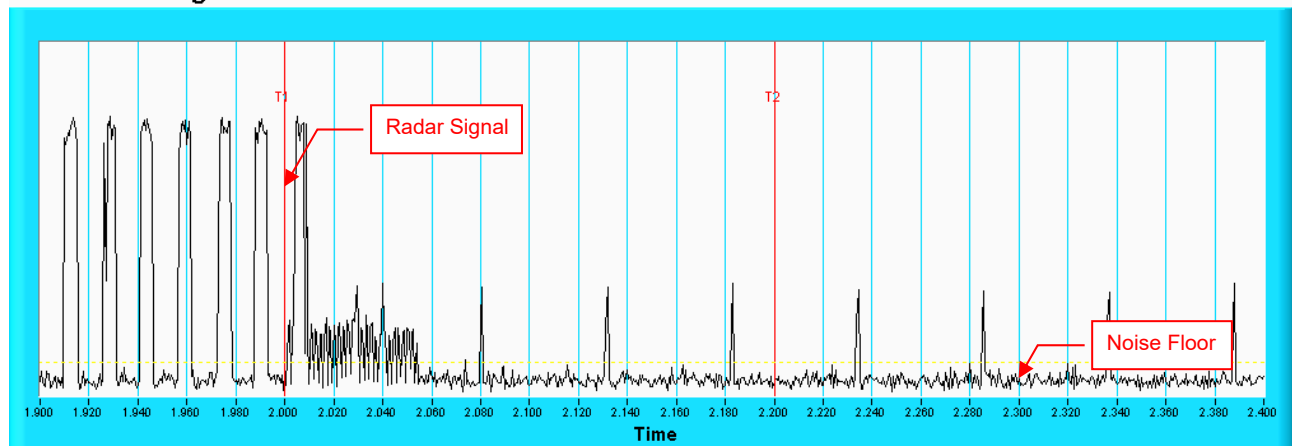
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

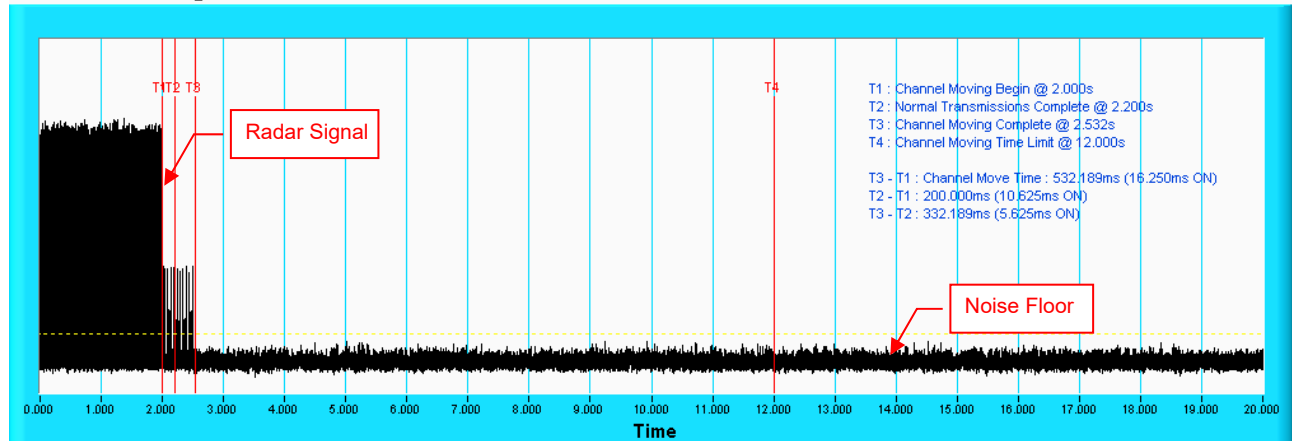


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 2

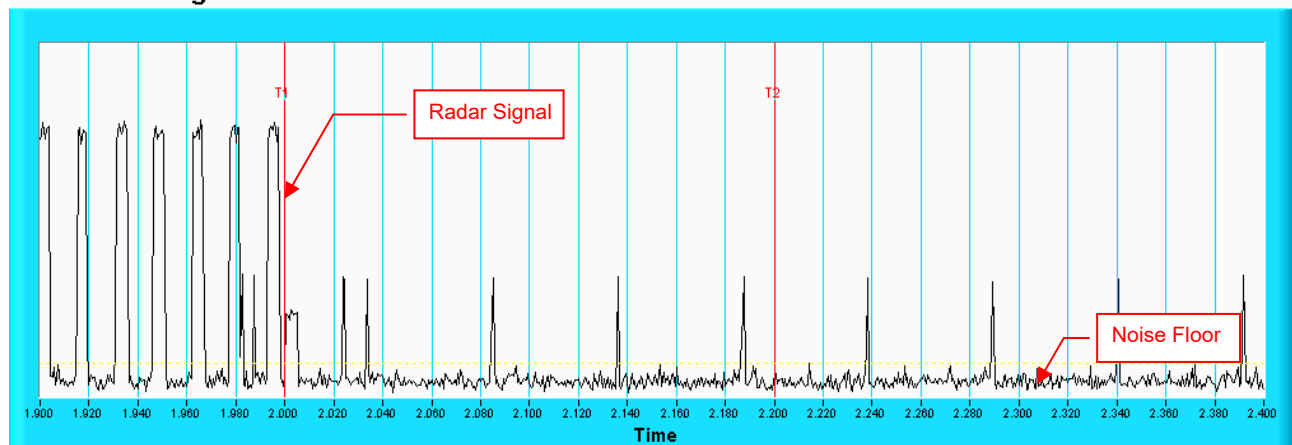
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

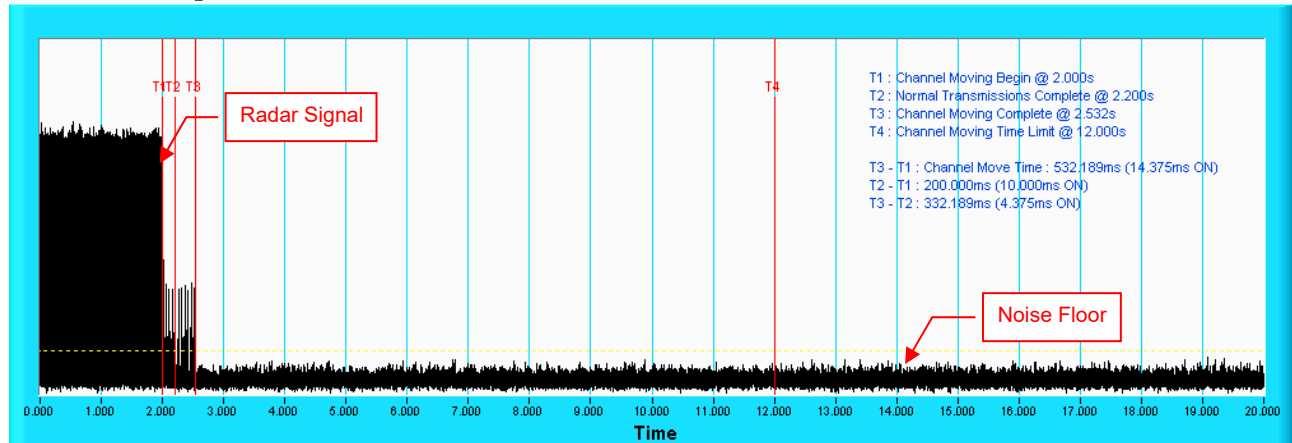


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 3

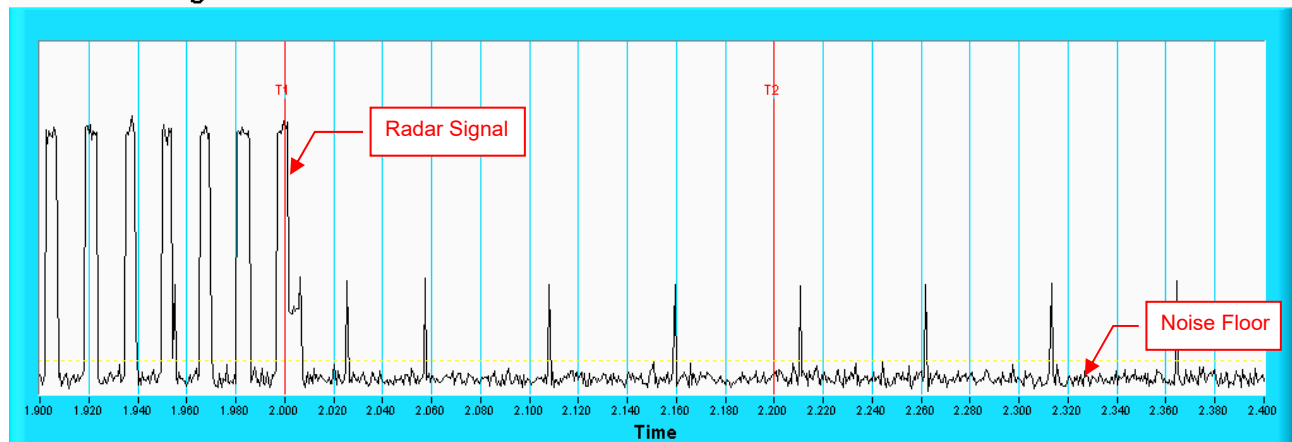
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

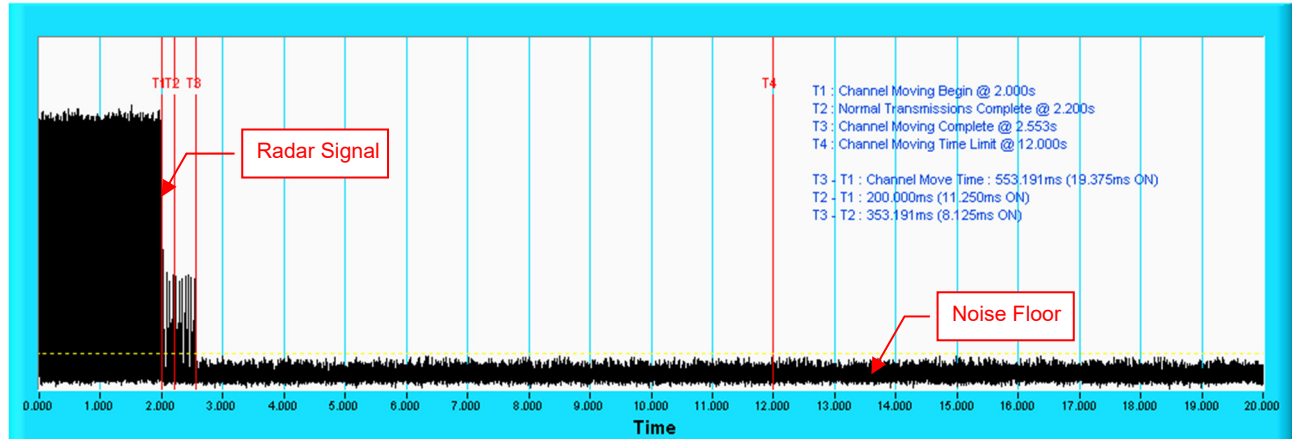


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 4

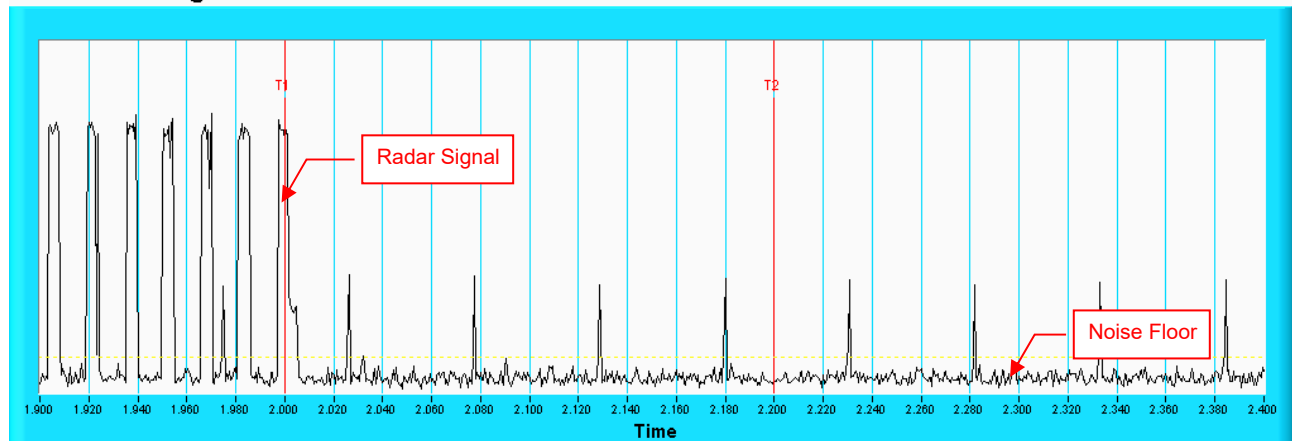
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



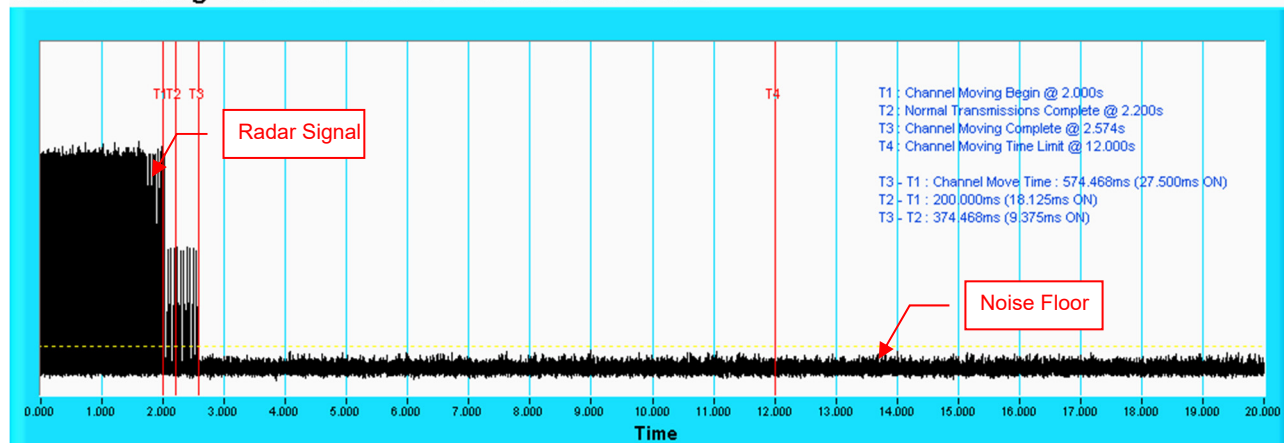
NOTE: Zoom-in of the first 500ms after radar signal applied.

EUT Model: RBS350 Master Mode

Radar signal 0

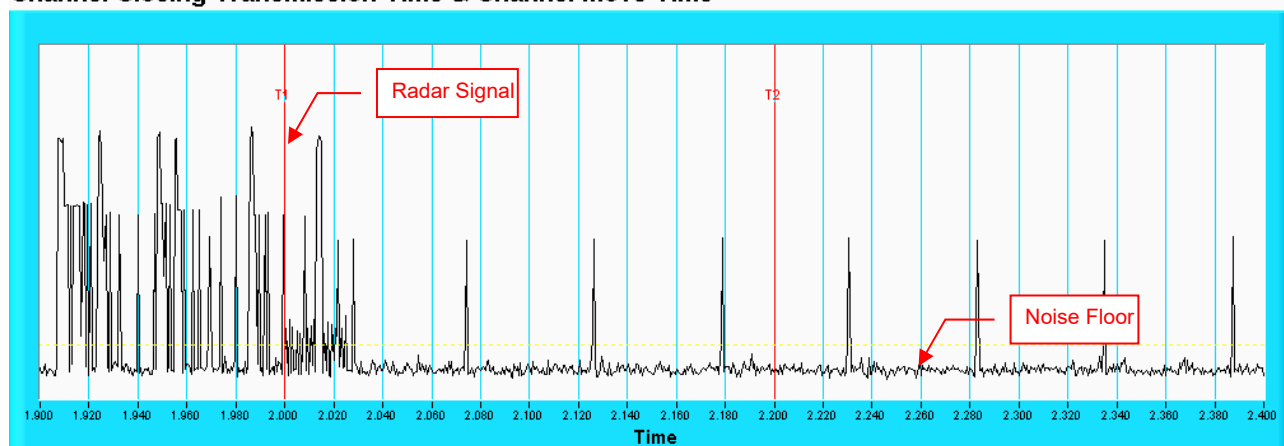
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

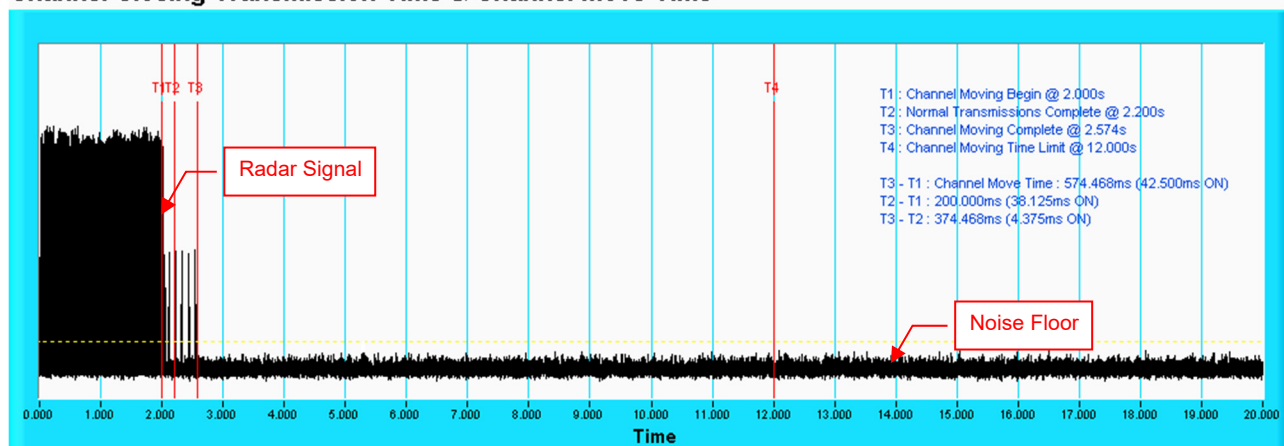


NOTE: Zoom-in of the first 500ms after radar signal applied.

Radar signal 1

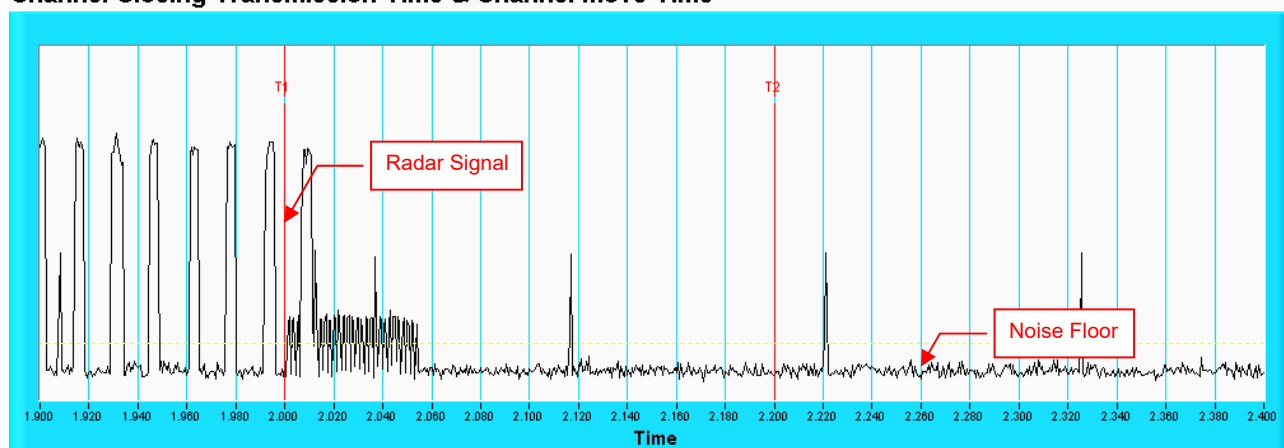
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

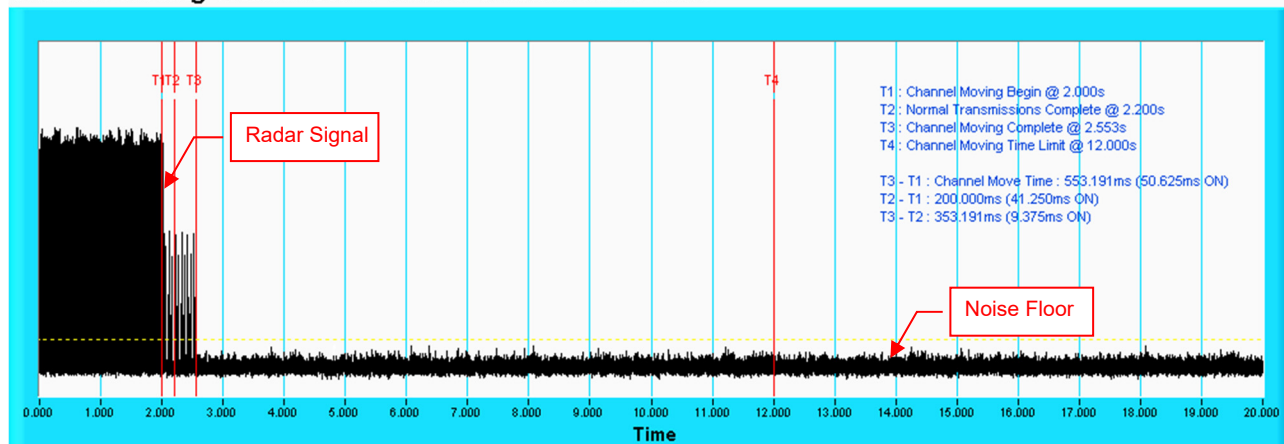


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 2

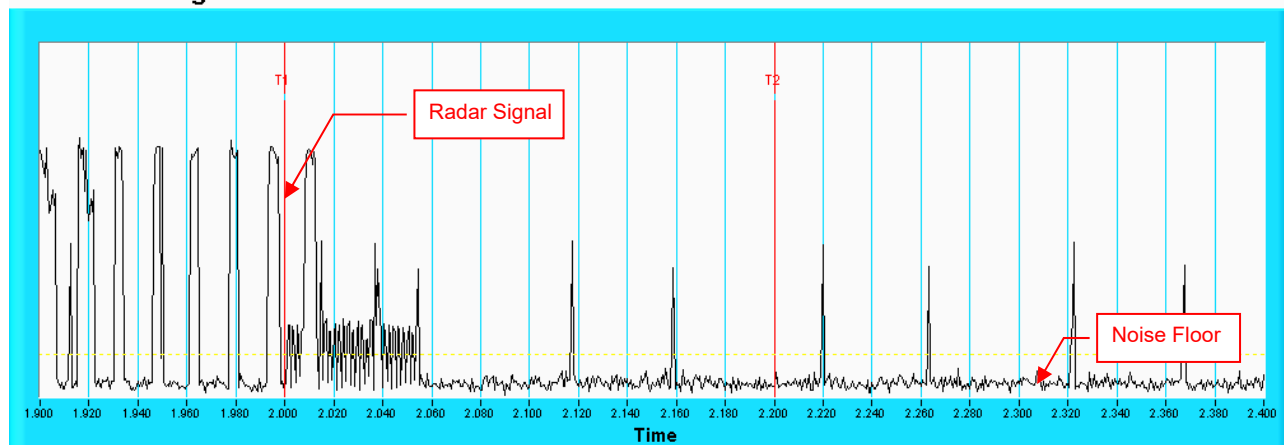
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

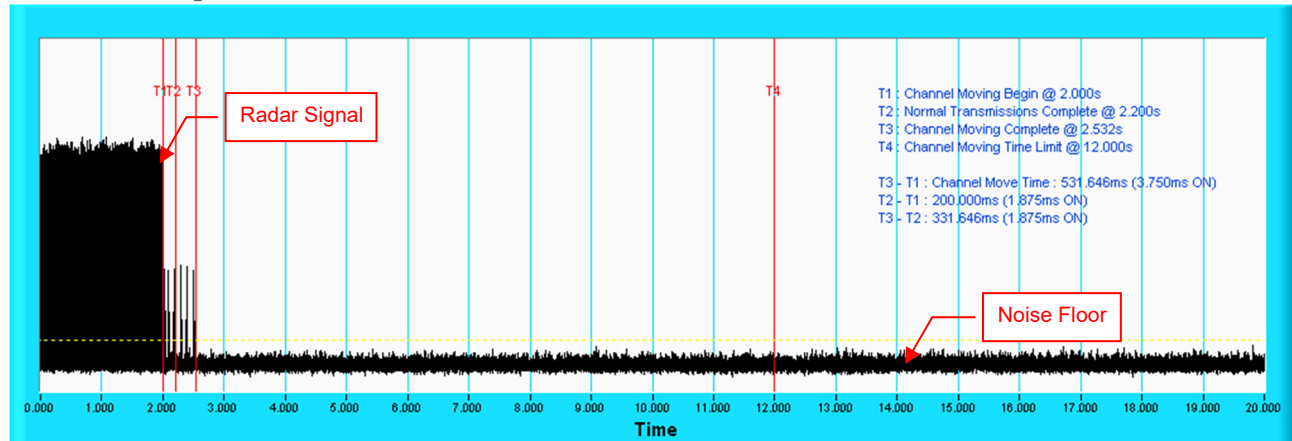


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 3

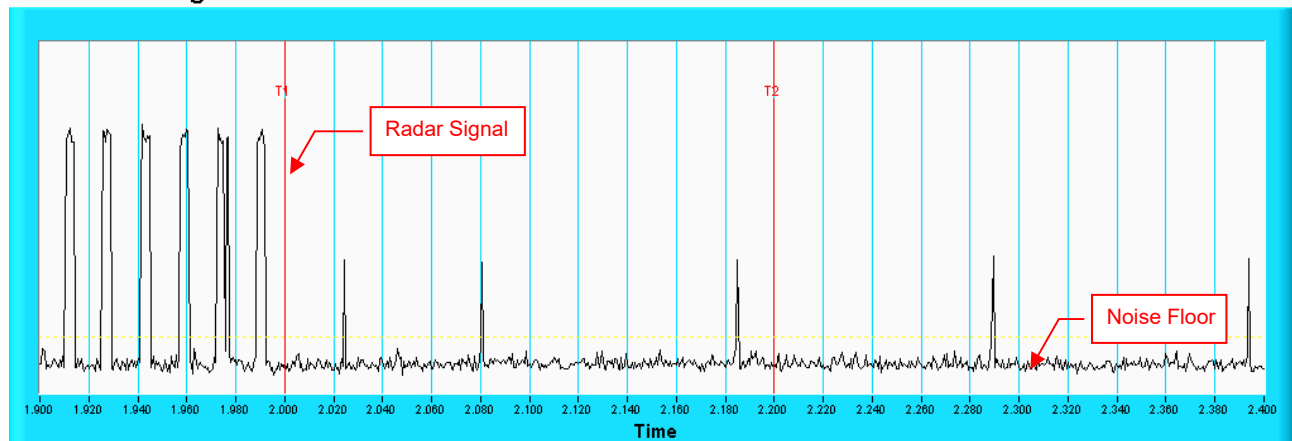
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

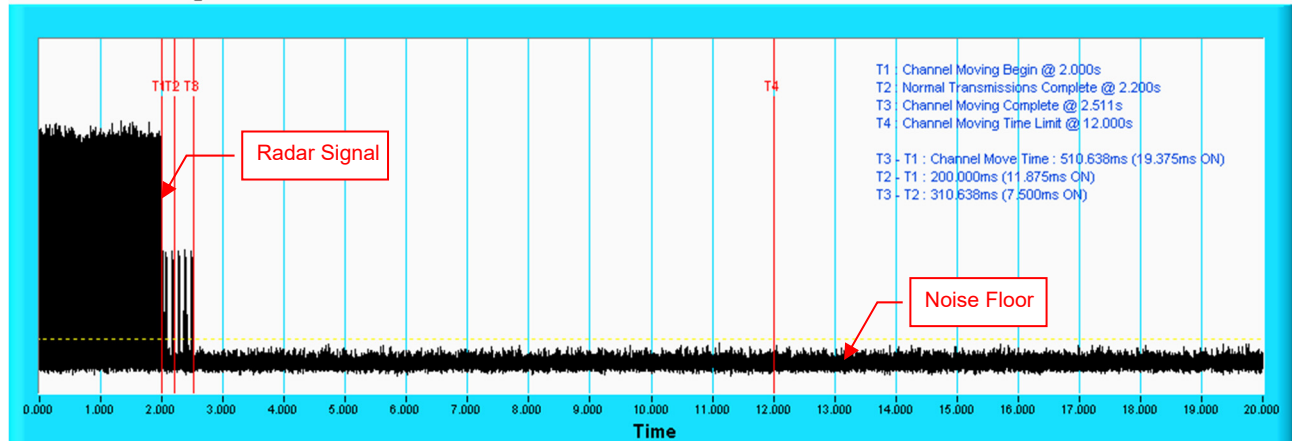


Note: Zoom-in of the first 500ms after radar signal applied.

Radar signal 4

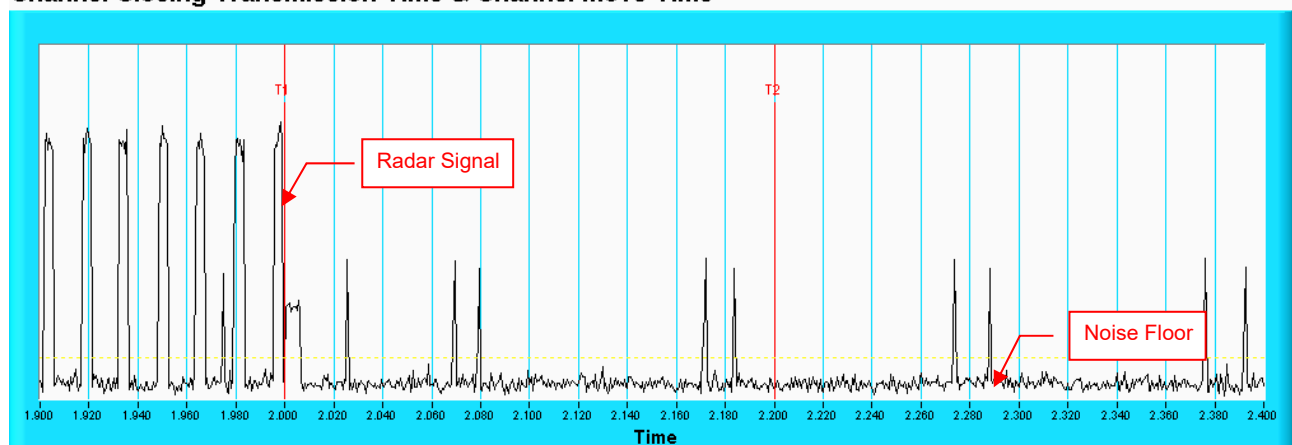
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



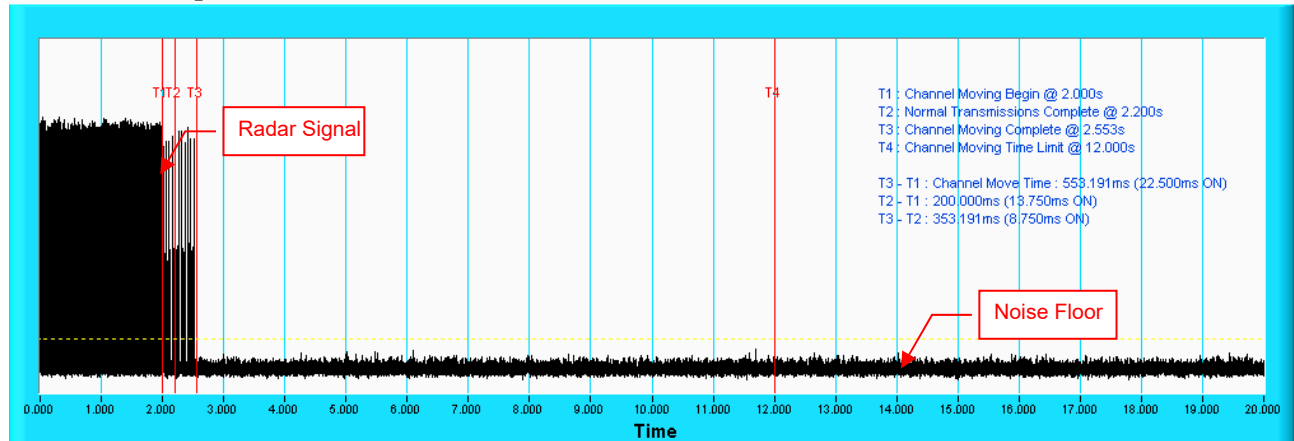
NOTE: Zoom-in of the first 500ms after radar signal applied.

EUT Model: RBS350 Slave without radar detection Mode

Radar signal 0

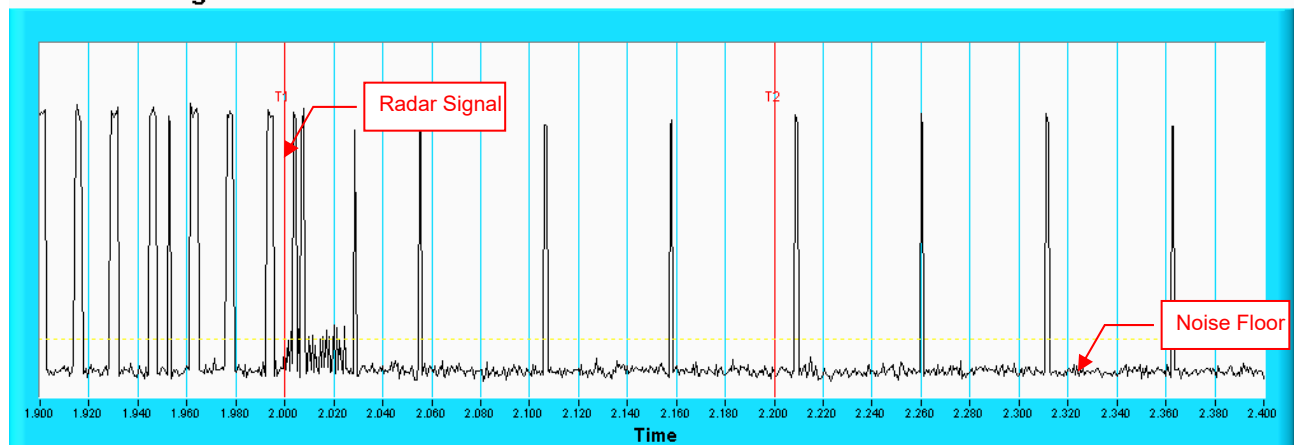
802.11ax (HE20)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

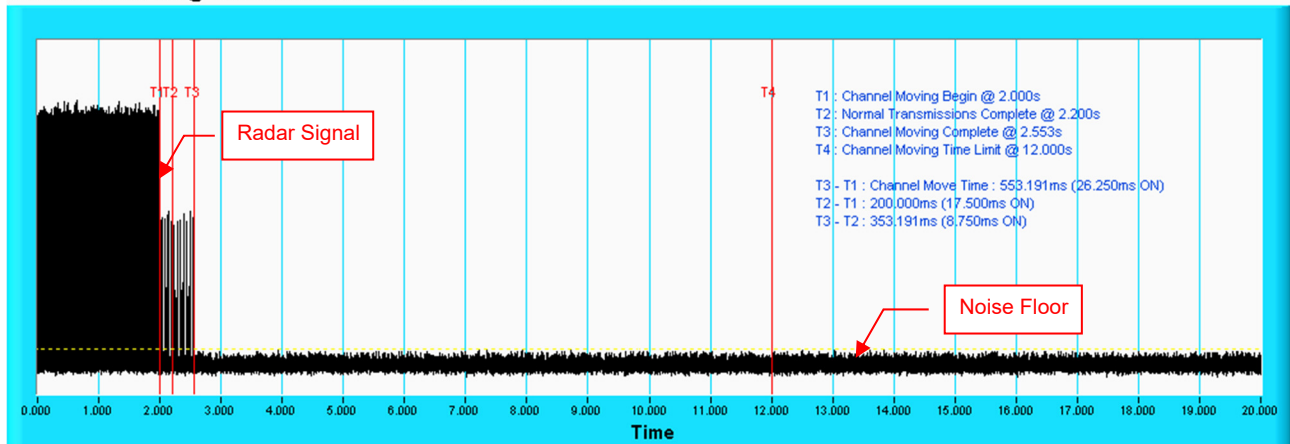
Channel Closing Transmission Time & Channel Move Time



NOTE: Zoom-in of the first 500ms after radar signal applied.

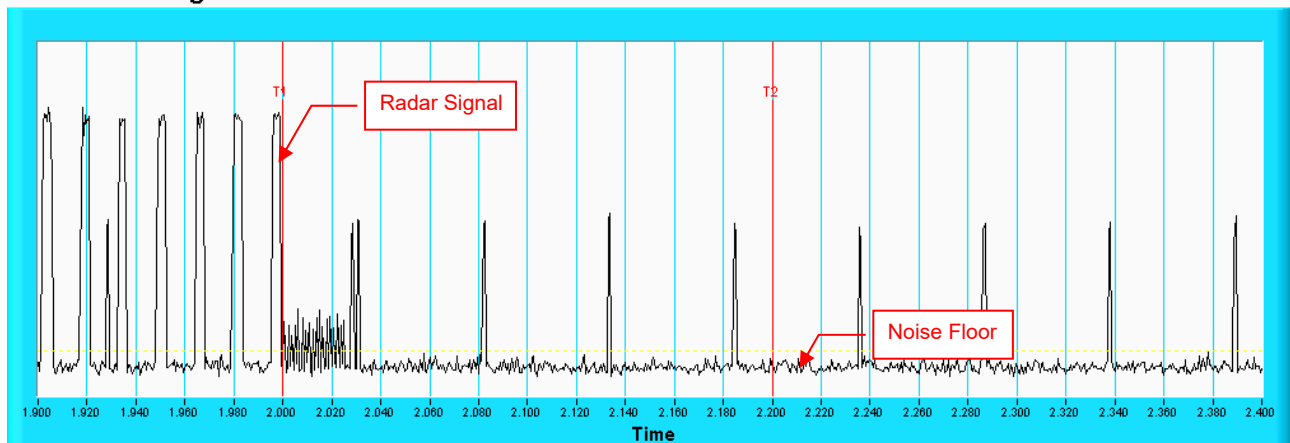
802.11ax (HE40)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

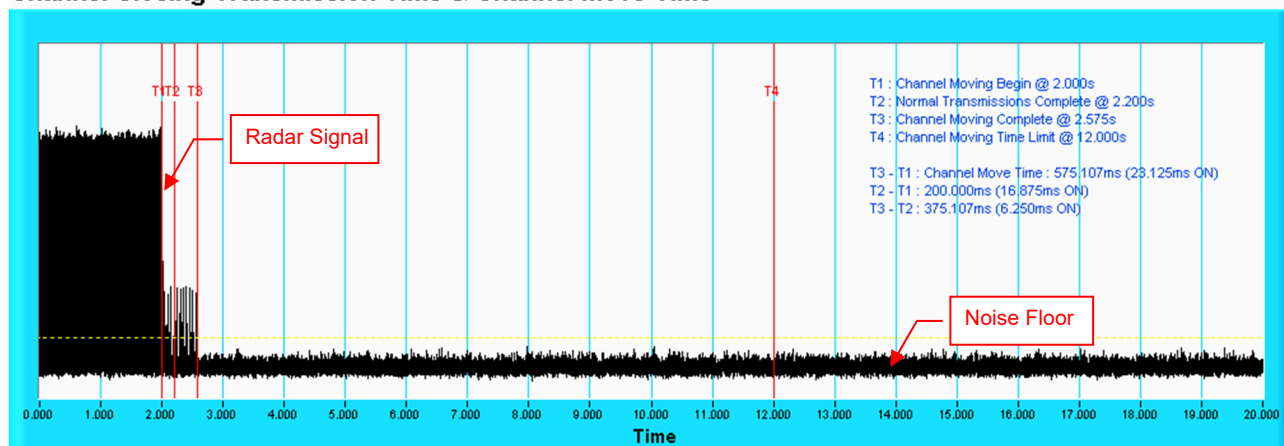
Channel Closing Transmission Time & Channel Move Time



NOTE: Zoom-in of the first 500ms after radar signal applied.

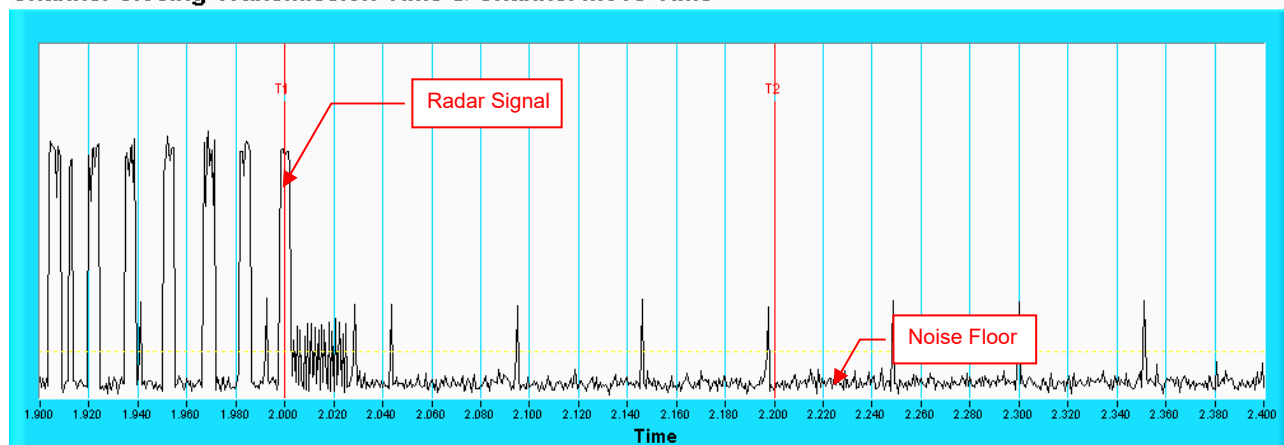
802.11ax (HE80)

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



NOTE: Zoom-in of the first 500ms after radar signal applied.

EUT Model: RBR350

802.11ax (HE20)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5506	15	1253	67	798	Yes
2	5492	16	1223	65	818	Yes
3	5490	4	1730	92	578	Yes
4	5504	11	1393	74	718	Yes
5	5491	22	1066	57	938	Yes
6	5493	7	1567	83	638	Yes
7	5507	2	1859	99	538	Yes
8	5494	8	1520	81	658	Yes
9	5502	1	1931	102	518	Yes
10	5498	19	1139	61	878	Yes
11	5497	21	1089	58	918	Yes
12	5500	23	326.2	18	3066	No
13	5501	9	1475	78	678	Yes
14	5503	5	1672	89	598	Yes
15	5495	6	1618	86	618	Yes
16	5505		1111	59	900	Yes
17	5496		1024	55	977	Yes
18	5510		625.8	34	1598	Yes
19	5508		730.5	39	1369	Yes
20	5509		1181	63	847	Yes
21	5499		400.6	22	2496	Yes
22	5499		529.4	28	1889	Yes
23	5502		347.6	19	2877	Yes
24	5500		641.4	34	1559	Yes
25	5495		508.9	27	1965	Yes
26	5504		345.4	19	2895	Yes
27	5507		580.7	31	1722	Yes
28	5503		786.8	42	1271	Yes
29	5497		808.4	43	1237	Yes
30	5501		517.1	28	1934	Yes

Detection Rate: 96.67 %

802.11ax (HE20)
Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5509	24	1.7	174	Yes
2	5490	27	3.8	176	Yes
3	5498	28	4	161	Yes
4	5499	28	4.3	226	Yes
5	5503	24	1.9	193	Yes
6	5504	23	1.1	230	Yes
7	5496	29	4.5	198	Yes
8	5506	26	2.9	227	Yes
9	5500	26	2.8	171	Yes
10	5501	27	3.6	221	No
11	5491	23	1.1	180	Yes
12	5497	23	1.3	189	Yes
13	5505	25	2.5	204	Yes
14	5494	29	4.5	203	Yes
15	5495	29	5	170	Yes
16	5493	26	3.1	201	Yes
17	5502	24	2.1	218	Yes
18	5507	25	2.6	208	Yes
19	5510	24	1.8	223	Yes
20	5492	23	1.2	220	Yes
21	5508	26	2.9	224	Yes
22	5510	28	4	160	Yes
23	5492	25	2.5	209	Yes
24	5504	23	1	205	Yes
25	5493	27	3.7	151	Yes
26	5509	25	2.5	186	Yes
27	5496	23	1.5	190	Yes
28	5494	23	1.3	185	Yes
29	5507	23	1.2	175	Yes
30	5498	24	1.7	216	Yes

Detection Rate: 96.67 %

802.11ax (HE20)

Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5509	16	6.7	467	Yes
2	5496	18	8.8	304	Yes
3	5501	18	9	316	Yes
4	5506	18	9.3	439	Yes
5	5500	16	6.9	420	Yes
6	5497	16	6.1	249	Yes
7	5503	18	9.5	463	Yes
8	5510	17	7.9	258	Yes
9	5498	17	7.8	212	Yes
10	5502	17	8.6	236	No
11	5505	16	6.1	474	Yes
12	5508	16	6.3	461	Yes
13	5499	17	7.5	437	Yes
14	5490	18	9.5	287	Yes
15	5494	18	10	395	Yes
16	5491	17	8.1	322	Yes
17	5507	16	7.1	468	Yes
18	5492	17	7.6	255	Yes
19	5493	16	6.8	423	Yes
20	5495	16	6.2	456	Yes
21	5504	17	7.9	351	Yes
22	5494	18	9	411	Yes
23	5491	17	7.5	279	Yes
24	5497	16	6	431	Yes
25	5509	17	8.7	324	Yes
26	5495	17	7.5	419	Yes
27	5501	16	6.5	447	Yes
28	5506	16	6.3	481	No
29	5490	16	6.2	438	Yes
30	5507	16	6.7	270	Yes

Detection Rate: 93.33 %

802.11ax (HE20)
Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5495	12	12.5	467	Yes
2	5491	15	17.2	304	Yes
3	5497	15	17.8	316	Yes
4	5493	16	18.5	439	Yes
5	5506	13	13.1	420	Yes
6	5496	12	11.3	249	Yes
7	5502	16	18.8	463	Yes
8	5490	14	15.3	258	Yes
9	5499	14	15.1	212	No
10	5505	15	16.9	236	Yes
11	5510	12	11.2	474	Yes
12	5501	12	11.7	461	Yes
13	5509	13	14.4	437	Yes
14	5503	16	18.9	287	Yes
15	5498	16	19.9	395	Yes
16	5504	14	15.7	322	Yes
17	5508	13	13.4	468	Yes
18	5507	13	14.5	255	Yes
19	5500	13	12.9	423	Yes
20	5494	12	11.5	456	Yes
21	5492	14	15.3	351	Yes
22	5493	15	17.8	411	Yes
23	5491	13	14.3	279	Yes
24	5492	12	11.1	431	Yes
25	5497	15	17	324	Yes
26	5490	13	14.5	419	Yes
27	5503	12	12.1	447	Yes
28	5495	12	11.7	481	Yes
29	5500	12	11.6	438	Yes
30	5494	12	12.7	270	Yes

Detection Rate: 96.67 %

802.11ax (HE20)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	18	5500	LP Signal 01	Yes
2	6	5500	LP Signal 02	Yes
3	19	5500	LP Signal 03	Yes
4	12	5500	LP Signal 04	Yes
5	19	5500	LP Signal 05	Yes
6	15	5500	LP Signal 06	Yes
7	7	5500	LP Signal 07	Yes
8	8	5500	LP Signal 08	Yes
9	18	5500	LP Signal 09	Yes
10	20	5500	LP Signal 10	Yes
11	15	5496.42	LP Signal 11	Yes
12	18	5497.62	LP Signal 12	Yes
13	12	5495.22	LP Signal 13	Yes
14	9	5494.02	LP Signal 14	Yes
15	17	5497.22	LP Signal 15	Yes
16	11	5494.82	LP Signal 16	Yes
17	19	5498.02	LP Signal 17	Yes
18	9	5494.02	LP Signal 18	Yes
19	11	5494.82	LP Signal 19	Yes
20	9	5494.02	LP Signal 20	Yes
21	14	5503.91	LP Signal 21	Yes
22	8	5506.31	LP Signal 22	Yes
23	19	5501.91	LP Signal 23	Yes
24	11	5505.11	LP Signal 24	Yes
25	10	5505.51	LP Signal 25	Yes
26	4	5507.91	LP Signal 26	Yes
27	15	5503.51	LP Signal 27	Yes
28	18	5502.31	LP Signal 28	Yes
29	9	5505.91	LP Signal 29	Yes
30	16	5503.11	LP Signal 30	Yes

Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE20)

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE20)

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE40)
Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5527	15	1253	67	798	Yes
2	5523	16	1223	65	818	Yes
3	5490	4	1730	92	578	Yes
4	5525	11	1393	74	718	Yes
5	5511	22	1066	57	938	Yes
6	5492	7	1567	83	638	Yes
7	5496	2	1859	99	538	Yes
8	5501	8	1520	81	658	Yes
9	5514	1	1931	102	518	No
10	5529	19	1139	61	878	Yes
11	5509	21	1089	58	918	Yes
12	5526	23	326.2	18	3066	Yes
13	5518	9	1475	78	678	Yes
14	5519	5	1672	89	598	Yes
15	5517	6	1618	86	618	Yes
16	5515		1111	59	900	Yes
17	5506		1024	55	977	Yes
18	5493		625.8	34	1598	Yes
19	5508		730.5	39	1369	Yes
20	5495		1181	63	847	Yes
21	5524		400.6	22	2496	Yes
22	5522		529.4	28	1889	Yes
23	5504		347.6	19	2877	Yes
24	5507		641.4	34	1559	Yes
25	5503		508.9	27	1965	Yes
26	5521		345.4	19	2895	Yes
27	5516		580.7	31	1722	Yes
28	5502		786.8	42	1271	Yes
29	5497		808.4	43	1237	Yes
30	5499		517.1	28	1934	Yes

Detection Rate: 96.67 %

802.11ax (HE40)
Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5515	24	1.7	174	Yes
2	5496	27	3.8	176	Yes
3	5493	28	4	161	No
4	5513	28	4.3	226	Yes
5	5521	24	1.9	193	Yes
6	5518	23	1.1	230	Yes
7	5506	29	4.5	198	Yes
8	5525	26	2.9	227	Yes
9	5511	26	2.8	171	Yes
10	5524	27	3.6	221	Yes
11	5529	23	1.1	180	Yes
12	5492	23	1.3	189	Yes
13	5495	25	2.5	204	Yes
14	5500	29	4.5	203	Yes
15	5498	29	5	170	Yes
16	5501	26	3.1	201	Yes
17	5508	24	2.1	218	Yes
18	5514	25	2.6	208	Yes
19	5502	24	1.8	223	Yes
20	5509	23	1.2	220	Yes
21	5526	26	2.9	224	Yes
22	5504	28	4	160	Yes
23	5499	25	2.5	209	Yes
24	5497	23	1	205	Yes
25	5503	27	3.7	151	Yes
26	5490	25	2.5	186	Yes
27	5491	23	1.5	190	Yes
28	5512	23	1.3	185	Yes
29	5527	23	1.2	175	Yes
30	5519	24	1.7	216	Yes

Detection Rate: 96.67 %

802.11ax (HE40)
Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5490	16	6.7	467	Yes
2	5530	18	8.8	304	Yes
3	5519	18	9	316	No
4	5495	18	9.3	439	Yes
5	5524	16	6.9	420	Yes
6	5523	16	6.1	249	Yes
7	5527	18	9.5	463	Yes
8	5512	17	7.9	258	Yes
9	5498	17	7.8	212	Yes
10	5526	17	8.6	236	Yes
11	5500	16	6.1	474	Yes
12	5503	16	6.3	461	Yes
13	5513	17	7.5	437	No
14	5502	18	9.5	287	Yes
15	5491	18	10	395	Yes
16	5511	17	8.1	322	Yes
17	5528	16	7.1	468	Yes
18	5510	17	7.6	255	Yes
19	5521	16	6.8	423	Yes
20	5517	16	6.2	456	Yes
21	5508	17	7.9	351	Yes
22	5504	18	9	411	Yes
23	5497	17	7.5	279	Yes
24	5516	16	6	431	No
25	5501	17	8.7	324	Yes
26	5493	17	7.5	419	No
27	5515	16	6.5	447	Yes
28	5492	16	6.3	481	Yes
29	5496	16	6.2	438	Yes
30	5506	16	6.7	270	Yes

Detection Rate: 86.67 %

802.11ax (HE40)
Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5505	12	12.5	467	No
2	5490	15	17.2	304	No
3	5523	15	17.8	316	Yes
4	5508	16	18.5	439	Yes
5	5492	13	13.1	420	Yes
6	5517	12	11.3	249	Yes
7	5506	16	18.8	463	Yes
8	5494	14	15.3	258	No
9	5503	14	15.1	212	No
10	5499	15	16.9	236	Yes
11	5514	12	11.2	474	Yes
12	5493	12	11.7	461	Yes
13	5498	13	14.4	437	Yes
14	5524	16	18.9	287	Yes
15	5515	16	19.9	395	Yes
16	5507	14	15.7	322	Yes
17	5509	13	13.4	468	Yes
18	5527	13	14.5	255	Yes
19	5500	13	12.9	423	Yes
20	5525	12	11.5	456	No
21	5520	14	15.3	351	Yes
22	5511	15	17.8	411	Yes
23	5530	13	14.3	279	Yes
24	5491	12	11.1	431	No
25	5502	15	17	324	No
26	5497	13	14.5	419	Yes
27	5504	12	12.1	447	No
28	5495	12	11.7	481	Yes
29	5496	12	11.6	438	Yes
30	5519	12	12.7	270	Yes

Detection Rate: 73.33%

802.11ax (HE40)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	15	5510	LP Signal 01	Yes
2	6	5510	LP Signal 02	Yes
3	12	5510	LP Signal 03	Yes
4	14	5510	LP Signal 04	Yes
5	6	5510	LP Signal 05	Yes
6	12	5510	LP Signal 06	Yes
7	20	5510	LP Signal 07	Yes
8	17	5510	LP Signal 08	Yes
9	11	5510	LP Signal 09	Yes
10	15	5510	LP Signal 10	Yes
11	16	5497.24	LP Signal 11	Yes
12	19	5498.44	LP Signal 12	Yes
13	13	5496.04	LP Signal 13	Yes
14	10	5494.84	LP Signal 14	Yes
15	18	5498.04	LP Signal 15	Yes
16	12	5495.64	LP Signal 16	Yes
17	20	5498.84	LP Signal 17	Yes
18	10	5494.84	LP Signal 18	Yes
19	12	5495.64	LP Signal 19	Yes
20	10	5494.84	LP Signal 20	Yes
21	15	5523.04	LP Signal 21	Yes
22	9	5525.44	LP Signal 22	Yes
23	20	5521.04	LP Signal 23	Yes
24	12	5524.24	LP Signal 24	Yes
25	11	5524.64	LP Signal 25	Yes
26	5	5527.04	LP Signal 26	Yes
27	16	5522.64	LP Signal 27	Yes
28	19	5521.44	LP Signal 28	Yes
29	10	5525.04	LP Signal 29	Yes
30	17	5522.24	LP Signal 30	Yes

Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)
Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE40)

Type 6 Radar Statistical Performances

Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes

Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)
Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5490	15	1253	67	798	Yes
2	5498	16	1223	65	818	Yes
3	5500	4	1730	92	578	Yes
4	5493	11	1393	74	718	Yes
5	5524	22	1066	57	938	Yes
6	5543	7	1567	83	638	Yes
7	5506	2	1859	99	538	Yes
8	5568	8	1520	81	658	Yes
9	5505	1	1931	102	518	Yes
10	5534	19	1139	61	878	Yes
11	5564	21	1089	58	918	Yes
12	5504	23	326.2	18	3066	Yes
13	5533	9	1475	78	678	Yes
14	5530	5	1672	89	598	Yes
15	5569	6	1618	86	618	Yes
16	5522		1111	59	900	Yes
17	5538		1024	55	977	Yes
18	5496		625.8	34	1598	Yes
19	5508		730.5	39	1369	Yes
20	5517		1181	63	847	Yes
21	5560		400.6	22	2496	Yes
22	5511		529.4	28	1889	Yes
23	5523		347.6	19	2877	Yes
24	5563		641.4	34	1559	Yes
25	5545		508.9	27	1965	Yes
26	5562		345.4	19	2895	Yes
27	5561		580.7	31	1722	Yes
28	5555		786.8	42	1271	Yes
29	5537		808.4	43	1237	Yes
30	5516		517.1	28	1934	Yes

Detection Rate: 100 %

802.11ax (HE80)
Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5523	24	1.7	174	Yes
2	5569	27	3.8	176	Yes
3	5501	28	4	161	Yes
4	5536	28	4.3	226	Yes
5	5494	24	1.9	193	No
6	5547	23	1.1	230	Yes
7	5549	29	4.5	198	Yes
8	5543	26	2.9	227	Yes
9	5522	26	2.8	171	No
10	5527	27	3.6	221	No
11	5493	23	1.1	180	Yes
12	5548	23	1.3	189	Yes
13	5495	25	2.5	204	Yes
14	5544	29	4.5	203	Yes
15	5534	29	5	170	Yes
16	5556	26	3.1	201	Yes
17	5491	24	2.1	218	Yes
18	5521	25	2.6	208	Yes
19	5553	24	1.8	223	Yes
20	5564	23	1.2	220	Yes
21	5509	26	2.9	224	No
22	5561	28	4	160	No
23	5526	25	2.5	209	Yes
24	5513	23	1	205	No
25	5512	27	3.7	151	No
26	5502	25	2.5	186	Yes
27	5516	23	1.5	190	Yes
28	5567	23	1.3	185	Yes
29	5518	23	1.2	175	Yes
30	5519	24	1.7	216	Yes

Detection Rate: 76.67 %

802.11ax (HE80)
Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5517	16	6.7	467	Yes
2	5539	18	8.8	304	Yes
3	5546	18	9	316	Yes
4	5515	18	9.3	439	No
5	5567	16	6.9	420	Yes
6	5495	16	6.1	249	Yes
7	5490	18	9.5	463	Yes
8	5497	17	7.9	258	No
9	5530	17	7.8	212	Yes
10	5533	17	8.6	236	Yes
11	5569	16	6.1	474	No
12	5501	16	6.3	461	Yes
13	5549	17	7.5	437	Yes
14	5492	18	9.5	287	Yes
15	5511	18	10	395	Yes
16	5540	17	8.1	322	Yes
17	5551	16	7.1	468	Yes
18	5559	17	7.6	255	Yes
19	5563	16	6.8	423	No
20	5509	16	6.2	456	Yes
21	5510	17	7.9	351	Yes
22	5550	18	9	411	Yes
23	5523	17	7.5	279	Yes
24	5524	16	6	431	Yes
25	5554	17	8.7	324	Yes
26	5493	17	7.5	419	Yes
27	5516	16	6.5	447	Yes
28	5498	16	6.3	481	Yes
29	5502	16	6.2	438	Yes
30	5552	16	6.7	270	Yes

Detection Rate: 86.67 %

802.11ax (HE80)
Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5501	12	12.5	467	Yes
2	5507	15	17.2	304	Yes
3	5566	15	17.8	316	Yes
4	5518	16	18.5	439	No
5	5546	13	13.1	420	Yes
6	5514	12	11.3	249	No
7	5491	16	18.8	463	Yes
8	5555	14	15.3	258	Yes
9	5512	14	15.1	212	Yes
10	5519	15	16.9	236	Yes
11	5524	12	11.2	474	No
12	5529	12	11.7	461	No
13	5564	13	14.4	437	Yes
14	5532	16	18.9	287	No
15	5503	16	19.9	395	Yes
16	5505	14	15.7	322	Yes
17	5495	13	13.4	468	Yes
18	5561	13	14.5	255	Yes
19	5562	13	12.9	423	Yes
20	5544	12	11.5	456	Yes
21	5510	14	15.3	351	No
22	5506	15	17.8	411	Yes
23	5521	13	14.3	279	Yes
24	5513	12	11.1	431	Yes
25	5517	15	17	324	Yes
26	5515	13	14.5	419	No
27	5568	12	12.1	447	Yes
28	5535	12	11.7	481	Yes
29	5531	12	11.6	438	Yes
30	5549	12	12.7	270	No

Detection Rate: 73.33 %

802.11ax (HE80)
Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	16	5530	LP Signal 01	Yes
2	10	5530	LP Signal 02	Yes
3	12	5530	LP Signal 03	Yes
4	15	5530	LP Signal 04	Yes
5	14	5530	LP Signal 05	Yes
6	18	5530	LP Signal 06	Yes
7	12	5530	LP Signal 07	Yes
8	17	5530	LP Signal 08	Yes
9	19	5530	LP Signal 09	Yes
10	19	5530	LP Signal 10	Yes
11	19	5499.1	LP Signal 11	Yes
12	12	5496.3	LP Signal 12	Yes
13	18	5498.7	LP Signal 13	Yes
14	7	5494.3	LP Signal 14	Yes
15	9	5495.1	LP Signal 15	Yes
16	15	5497.5	LP Signal 16	Yes
17	15	5497.5	LP Signal 17	Yes
18	14	5497.1	LP Signal 18	Yes
19	19	5499.1	LP Signal 19	Yes
20	17	5498.3	LP Signal 20	Yes
21	5	5566.48	LP Signal 21	Yes
22	5	5566.48	LP Signal 22	Yes
23	13	5563.28	LP Signal 23	Yes
24	7	5565.68	LP Signal 24	Yes
25	14	5562.88	LP Signal 25	Yes
26	10	5564.48	LP Signal 26	Yes
27	15	5562.48	LP Signal 27	Yes
28	9	5564.88	LP Signal 28	Yes
29	5	5566.48	LP Signal 29	Yes
30	10	5564.48	LP Signal 30	Yes

Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)
Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE80)
Type 6 Radar Statistical Performances

Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

EUT Model: RBS350

802.11ax (HE20)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5490	15	1253	67	798	Yes
2	5505	16	1223	65	818	Yes
3	5492	4	1730	92	578	Yes
4	5495	11	1393	74	718	Yes
5	5507	22	1066	57	938	Yes
6	5501	7	1567	83	638	Yes
7	5498	2	1859	99	538	Yes
8	5510	8	1520	81	658	Yes
9	5503	1	1931	102	518	Yes
10	5497	19	1139	61	878	Yes
11	5493	21	1089	58	918	Yes
12	5496	23	326.2	18	3066	Yes
13	5509	9	1475	78	678	Yes
14	5508	5	1672	89	598	Yes
15	5500	6	1618	86	618	Yes
16	5494		1111	59	900	Yes
17	5491		1024	55	977	Yes
18	5502		625.8	34	1598	Yes
19	5499		730.5	39	1369	Yes
20	5504		1181	63	847	Yes
21	5506		400.6	22	2496	Yes
22	5490		529.4	28	1889	Yes
23	5491		347.6	19	2877	Yes
24	5503		641.4	34	1559	Yes
25	5506		508.9	27	1965	Yes
26	5508		345.4	19	2895	Yes
27	5497		580.7	31	1722	Yes
28	5510		786.8	42	1271	Yes
29	5499		808.4	43	1237	Yes
30	5509		517.1	28	1934	Yes

Detection Rate: 100 %

802.11ax (HE20)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5503	24	1.7	174	Yes
2	5491	27	3.8	176	Yes
3	5500	28	4	161	Yes
4	5498	28	4.3	226	Yes
5	5504	24	1.9	193	Yes
6	5493	23	1.1	230	Yes
7	5505	29	4.5	198	Yes
8	5509	26	2.9	227	Yes
9	5501	26	2.8	171	Yes
10	5499	27	3.6	221	Yes
11	5492	23	1.1	180	Yes
12	5494	23	1.3	189	Yes
13	5502	25	2.5	204	Yes
14	5495	29	4.5	203	Yes
15	5497	29	5	170	Yes
16	5490	26	3.1	201	Yes
17	5506	24	2.1	218	Yes
18	5510	25	2.6	208	Yes
19	5508	24	1.8	223	Yes
20	5496	23	1.2	220	No
21	5507	26	2.9	224	Yes
22	5490	28	4	160	Yes
23	5493	25	2.5	209	Yes
24	5495	23	1	205	Yes
25	5510	27	3.7	151	Yes
26	5494	25	2.5	186	Yes
27	5506	23	1.5	190	Yes
28	5498	23	1.3	185	Yes
29	5491	23	1.2	175	Yes
30	5501	24	1.7	216	Yes

Detection Rate: 96.67 %

802.11ax (HE20)
Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5497	16	6.7	467	Yes
2	5494	18	8.8	304	Yes
3	5510	18	9	316	Yes
4	5502	18	9.3	439	Yes
5	5498	16	6.9	420	Yes
6	5495	16	6.1	249	Yes
7	5492	18	9.5	463	Yes
8	5508	17	7.9	258	Yes
9	5496	17	7.8	212	Yes
10	5493	17	8.6	236	Yes
11	5505	16	6.1	474	Yes
12	5504	16	6.3	461	Yes
13	5499	17	7.5	437	Yes
14	5490	18	9.5	287	Yes
15	5509	18	10	395	Yes
16	5500	17	8.1	322	Yes
17	5507	16	7.1	468	Yes
18	5491	17	7.6	255	Yes
19	5503	16	6.8	423	Yes
20	5506	16	6.2	456	Yes
21	5501	17	7.9	351	Yes
22	5501	18	9	411	Yes
23	5500	17	7.5	279	Yes
24	5497	16	6	431	Yes
25	5491	17	8.7	324	No
26	5493	17	7.5	419	Yes
27	5495	16	6.5	447	Yes
28	5496	16	6.3	481	Yes
29	5492	16	6.2	438	Yes
30	5504	16	6.7	270	Yes

Detection Rate: 96.67 %

802.11ax (HE20)

Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5490	12	12.5	467	No
2	5491	15	17.2	304	Yes
3	5498	15	17.8	316	Yes
4	5502	16	18.5	439	Yes
5	5493	13	13.1	420	Yes
6	5495	12	11.3	249	Yes
7	5504	16	18.8	463	Yes
8	5494	14	15.3	258	Yes
9	5509	14	15.1	212	Yes
10	5496	15	16.9	236	Yes
11	5499	12	11.2	474	Yes
12	5505	12	11.7	461	Yes
13	5507	13	14.4	437	Yes
14	5497	16	18.9	287	Yes
15	5492	16	19.9	395	No
16	5500	14	15.7	322	Yes
17	5506	13	13.4	468	Yes
18	5510	13	14.5	255	Yes
19	5508	13	12.9	423	Yes
20	5501	12	11.5	456	Yes
21	5503	14	15.3	351	Yes
22	5499	15	17.8	411	Yes
23	5491	13	14.3	279	Yes
24	5505	12	11.1	431	Yes
25	5493	15	17	324	Yes
26	5509	13	14.5	419	Yes
27	5510	12	12.1	447	Yes
28	5497	12	11.7	481	Yes
29	5495	12	11.6	438	No
30	5504	12	12.7	270	Yes

Detection Rate: 90 %

802.11ax (HE20)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	17	5500	LP_Signal_01	Yes
2	8	5500	LP_Signal_02	Yes
3	8	5500	LP_Signal_03	Yes
4	13	5500	LP_Signal_04	Yes
5	9	5500	LP_Signal_05	Yes
6	11	5500	LP_Signal_06	Yes
7	12	5500	LP_Signal_07	Yes
8	19	5500	LP_Signal_08	Yes
9	13	5500	LP_Signal_09	Yes
10	14	5500	LP_Signal_10	Yes
11	16	5496.93	LP_Signal_11	Yes
12	19	5498.13	LP_Signal_12	Yes
13	13	5495.73	LP_Signal_13	Yes
14	10	5494.53	LP_Signal_14	Yes
15	18	5497.73	LP_Signal_15	Yes
16	12	5495.33	LP_Signal_16	Yes
17	20	5498.53	LP_Signal_17	Yes
18	10	5494.53	LP_Signal_18	Yes
19	12	5495.33	LP_Signal_19	Yes
20	10	5494.53	LP_Signal_20	Yes
21	15	5503.48	LP_Signal_21	Yes
22	9	5505.88	LP_Signal_22	Yes
23	20	5501.48	LP_Signal_23	Yes
24	12	5504.68	LP_Signal_24	Yes
25	11	5505.08	LP_Signal_25	Yes
26	5	5507.48	LP_Signal_26	Yes
27	16	5503.08	LP_Signal_27	Yes
28	19	5501.88	LP_Signal_28	Yes
29	10	5505.48	LP_Signal_29	Yes
30	17	5502.68	LP_Signal_30	Yes
				Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE20)

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE20)

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE40)
Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5505	15	1253	67	798	Yes
2	5517	16	1223	65	818	Yes
3	5497	4	1730	92	578	Yes
4	5513	11	1393	74	718	Yes
5	5508	22	1066	57	938	Yes
6	5495	7	1567	83	638	Yes
7	5507	2	1859	99	538	Yes
8	5518	8	1520	81	658	Yes
9	5512	1	1931	102	518	No
10	5499	19	1139	61	878	Yes
11	5500	21	1089	58	918	Yes
12	5498	23	326.2	18	3066	Yes
13	5522	9	1475	78	678	Yes
14	5515	5	1672	89	598	Yes
15	5525	6	1618	86	618	Yes
16	5511		1111	59	900	Yes
17	5509		1024	55	977	Yes
18	5502		625.8	34	1598	Yes
19	5494		730.5	39	1369	Yes
20	5516		1181	63	847	Yes
21	5526		400.6	22	2496	Yes
22	5524		529.4	28	1889	Yes
23	5528		347.6	19	2877	Yes
24	5527		641.4	34	1559	Yes
25	5514		508.9	27	1965	Yes
26	5503		345.4	19	2895	Yes
27	5529		580.7	31	1722	Yes
28	5501		786.8	42	1271	Yes
29	5493		808.4	43	1237	Yes
30	5530		517.1	28	1934	Yes

Detection Rate: 96.67 %

802.11ax (HE40)
Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5517	24	1.7	174	Yes
2	5491	27	3.8	176	Yes
3	5506	28	4	161	Yes
4	5494	28	4.3	226	Yes
5	5526	24	1.9	193	Yes
6	5524	23	1.1	230	Yes
7	5496	29	4.5	198	Yes
8	5507	26	2.9	227	Yes
9	5525	26	2.8	171	Yes
10	5504	27	3.6	221	Yes
11	5500	23	1.1	180	Yes
12	5501	23	1.3	189	Yes
13	5490	25	2.5	204	Yes
14	5492	29	4.5	203	Yes
15	5503	29	5	170	No
16	5505	26	3.1	201	Yes
17	5527	24	2.1	218	Yes
18	5497	25	2.6	208	Yes
19	5508	24	1.8	223	Yes
20	5520	23	1.2	220	Yes
21	5502	26	2.9	224	Yes
22	5499	28	4	160	Yes
23	5493	25	2.5	209	Yes
24	5495	23	1	205	Yes
25	5513	27	3.7	151	Yes
26	5530	25	2.5	186	Yes
27	5516	23	1.5	190	Yes
28	5521	23	1.3	185	Yes
29	5518	23	1.2	175	No
30	5519	24	1.7	216	Yes

Detection Rate: 93.33%

802.11ax (HE40)
Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5498	16	6.7	467	Yes
2	5530	18	8.8	304	No
3	5492	18	9	316	No
4	5526	18	9.3	439	Yes
5	5494	16	6.9	420	No
6	5495	16	6.1	249	Yes
7	5514	18	9.5	463	Yes
8	5497	17	7.9	258	Yes
9	5504	17	7.8	212	Yes
10	5516	17	8.6	236	No
11	5517	16	6.1	474	Yes
12	5501	16	6.3	461	Yes
13	5490	17	7.5	437	Yes
14	5503	18	9.5	287	Yes
15	5510	18	10	395	No
16	5520	17	8.1	322	Yes
17	5513	16	7.1	468	Yes
18	5515	17	7.6	255	Yes
19	5493	16	6.8	423	Yes
20	5509	16	6.2	456	No
21	5505	17	7.9	351	Yes
22	5511	18	9	411	Yes
23	5521	17	7.5	279	Yes
24	5519	16	6	431	No
25	5506	17	8.7	324	No
26	5491	17	7.5	419	Yes
27	5500	16	6.5	447	Yes
28	5528	16	6.3	481	Yes
29	5507	16	6.2	438	Yes
30	5525	16	6.7	270	Yes

Detection Rate: 73.33 %

802.11ax (HE40)
Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5512	12	12.5	467	Yes
2	5521	15	17.2	304	Yes
3	5530	15	17.8	316	Yes
4	5493	16	18.5	439	Yes
5	5526	13	13.1	420	No
6	5510	12	11.3	249	Yes
7	5504	16	18.8	463	Yes
8	5507	14	15.3	258	No
9	5505	14	15.1	212	No
10	5496	15	16.9	236	Yes
11	5491	12	11.2	474	Yes
12	5492	12	11.7	461	Yes
13	5516	13	14.4	437	No
14	5523	16	18.9	287	Yes
15	5495	16	19.9	395	Yes
16	5494	14	15.7	322	Yes
17	5498	13	13.4	468	Yes
18	5525	13	14.5	255	Yes
19	5508	13	12.9	423	Yes
20	5513	12	11.5	456	Yes
21	5506	14	15.3	351	Yes
22	5524	15	17.8	411	Yes
23	5490	13	14.3	279	No
24	5528	12	11.1	431	Yes
25	5499	15	17	324	Yes
26	5511	13	14.5	419	Yes
27	5515	12	12.1	447	Yes
28	5497	12	11.7	481	Yes
29	5500	12	11.6	438	Yes
30	5517	12	12.7	270	Yes

Detection Rate: 83.33%

802.11ax (HE40)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	12	5510	LP Signal 01	Yes
2	18	5510	LP Signal 02	Yes
3	10	5510	LP Signal 03	Yes
4	15	5510	LP Signal 04	Yes
5	7	5510	LP Signal 05	Yes
6	5	5510	LP Signal 06	Yes
7	6	5510	LP Signal 07	Yes
8	16	5510	LP Signal 08	Yes
9	14	5510	LP Signal 09	Yes
10	10	5510	LP Signal 10	Yes
11	16	5497.55	LP Signal 11	Yes
12	19	5498.75	LP Signal 12	Yes
13	13	5496.35	LP Signal 13	Yes
14	10	5495.15	LP Signal 14	Yes
15	18	5498.35	LP Signal 15	Yes
16	12	5495.95	LP Signal 16	Yes
17	20	5499.15	LP Signal 17	Yes
18	10	5495.15	LP Signal 18	Yes
19	12	5495.95	LP Signal 19	Yes
20	10	5495.15	LP Signal 20	Yes
21	15	5522.93	LP Signal 21	Yes
22	9	5525.33	LP Signal 22	Yes
23	20	5520.93	LP Signal 23	Yes
24	12	5524.13	LP Signal 24	Yes
25	11	5524.53	LP Signal 25	Yes
26	5	5526.93	LP Signal 26	Yes
27	16	5522.53	LP Signal 27	Yes
28	19	5521.33	LP Signal 28	Yes
29	10	5524.93	LP Signal 29	Yes
30	17	5522.13	LP Signal 30	Yes

Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE40)

Type 6 Radar Statistical Performances

Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes

Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)
Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5494	15	1253	67	798	Yes
2	5503	16	1223	65	818	Yes
3	5522	4	1730	92	578	Yes
4	5495	11	1393	74	718	Yes
5	5524	22	1066	57	938	Yes
6	5556	7	1567	83	638	Yes
7	5521	2	1859	99	538	Yes
8	5561	8	1520	81	658	Yes
9	5551	1	1931	102	518	Yes
10	5514	19	1139	61	878	Yes
11	5549	21	1089	58	918	Yes
12	5512	23	326.2	18	3066	Yes
13	5530	9	1475	78	678	Yes
14	5542	5	1672	89	598	Yes
15	5536	6	1618	86	618	Yes
16	5509		1111	59	900	Yes
17	5559		1024	55	977	Yes
18	5499		625.8	34	1598	Yes
19	5558		730.5	39	1369	Yes
20	5537		1181	63	847	Yes
21	5500		400.6	22	2496	Yes
22	5539		529.4	28	1889	Yes
23	5492		347.6	19	2877	Yes
24	5523		641.4	34	1559	Yes
25	5532		508.9	27	1965	Yes
26	5550		345.4	19	2895	Yes
27	5516		580.7	31	1722	Yes
28	5498		786.8	42	1271	Yes
29	5544		808.4	43	1237	Yes
30	5535		517.1	28	1934	Yes

Detection Rate: 100 %

802.11ax (HE80)
Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5499	24	1.7	174	Yes
2	5504	27	3.8	176	Yes
3	5549	28	4	161	Yes
4	5530	28	4.3	226	Yes
5	5508	24	1.9	193	Yes
6	5566	23	1.1	230	Yes
7	5533	29	4.5	198	Yes
8	5550	26	2.9	227	No
9	5495	26	2.8	171	Yes
10	5519	27	3.6	221	Yes
11	5563	23	1.1	180	Yes
12	5539	23	1.3	189	Yes
13	5562	25	2.5	204	Yes
14	5544	29	4.5	203	Yes
15	5535	29	5	170	Yes
16	5531	26	3.1	201	Yes
17	5515	24	2.1	218	Yes
18	5545	25	2.6	208	Yes
19	5538	24	1.8	223	Yes
20	5554	23	1.2	220	Yes
21	5503	26	2.9	224	Yes
22	5527	28	4	160	Yes
23	5560	25	2.5	209	Yes
24	5491	23	1	205	Yes
25	5506	27	3.7	151	Yes
26	5548	25	2.5	186	Yes
27	5509	23	1.5	190	Yes
28	5517	23	1.3	185	Yes
29	5511	23	1.2	175	Yes
30	5556	24	1.7	216	Yes

Detection Rate: 96.67 %

802.11ax (HE80)
Type 3 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5569	16	6.7	467	Yes
2	5553	18	8.8	304	Yes
3	5492	18	9	316	Yes
4	5499	18	9.3	439	Yes
5	5570	16	6.9	420	Yes
6	5560	16	6.1	249	Yes
7	5496	18	9.5	463	Yes
8	5497	17	7.9	258	Yes
9	5511	17	7.8	212	Yes
10	5515	17	8.6	236	Yes
11	5516	16	6.1	474	Yes
12	5535	16	6.3	461	Yes
13	5551	17	7.5	437	Yes
14	5502	18	9.5	287	Yes
15	5505	18	10	395	Yes
16	5545	17	8.1	322	Yes
17	5567	16	7.1	468	Yes
18	5490	17	7.6	255	Yes
19	5525	16	6.8	423	Yes
20	5564	16	6.2	456	Yes
21	5498	17	7.9	351	Yes
22	5514	18	9	411	Yes
23	5522	17	7.5	279	Yes
24	5513	16	6	431	Yes
25	5494	17	8.7	324	Yes
26	5527	17	7.5	419	Yes
27	5504	16	6.5	447	Yes
28	5517	16	6.3	481	Yes
29	5518	16	6.2	438	Yes
30	5543	16	6.7	270	Yes

Detection Rate: 100 %

802.11ax (HE80)
Type 4 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5524	12	12.5	467	Yes
2	5514	15	17.2	304	No
3	5508	15	17.8	316	Yes
4	5510	16	18.5	439	Yes
5	5491	13	13.1	420	Yes
6	5557	12	11.3	249	Yes
7	5501	16	18.8	463	Yes
8	5504	14	15.3	258	No
9	5492	14	15.1	212	Yes
10	5539	15	16.9	236	Yes
11	5545	12	11.2	474	Yes
12	5512	12	11.7	461	Yes
13	5516	13	14.4	437	Yes
14	5503	16	18.9	287	Yes
15	5490	16	19.9	395	Yes
16	5505	14	15.7	322	No
17	5525	13	13.4	468	Yes
18	5507	13	14.5	255	Yes
19	5532	13	12.9	423	Yes
20	5518	12	11.5	456	No
21	5530	14	15.3	351	No
22	5551	15	17.8	411	Yes
23	5563	13	14.3	279	Yes
24	5494	12	11.1	431	Yes
25	5568	15	17	324	Yes
26	5549	13	14.5	419	Yes
27	5540	12	12.1	447	Yes
28	5500	12	11.7	481	Yes
29	5560	12	11.6	438	Yes
30	5564	12	12.7	270	Yes

Detection Rate: 83.33 %

802.11ax (HE80)
Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	9	5530	LP Signal 01	Yes
2	14	5530	LP Signal 02	Yes
3	7	5530	LP Signal 03	Yes
4	16	5530	LP Signal 04	Yes
5	19	5530	LP Signal 05	Yes
6	19	5530	LP Signal 06	Yes
7	13	5530	LP Signal 07	Yes
8	10	5530	LP Signal 08	Yes
9	15	5530	LP Signal 09	Yes
10	17	5530	LP Signal 10	Yes
11	19	5499.17	LP Signal 11	Yes
12	12	5496.37	LP Signal 12	Yes
13	18	5498.77	LP Signal 13	Yes
14	7	5494.37	LP Signal 14	Yes
15	9	5495.17	LP Signal 15	Yes
16	15	5497.57	LP Signal 16	Yes
17	15	5497.57	LP Signal 17	Yes
18	14	5497.17	LP Signal 18	Yes
19	19	5499.17	LP Signal 19	Yes
20	17	5498.37	LP Signal 20	Yes
21	5	5566.4	LP Signal 21	Yes
22	5	5566.4	LP Signal 22	Yes
23	13	5563.2	LP Signal 23	Yes
24	7	5565.6	LP Signal 24	Yes
25	14	5562.8	LP Signal 25	Yes
26	10	5564.4	LP Signal 26	Yes
27	15	5562.4	LP Signal 27	Yes
28	9	5564.8	LP Signal 28	Yes
29	5	5566.4	LP Signal 29	Yes
30	10	5564.4	LP Signal 30	Yes

Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)
Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

802.11ax (HE80)
Type 6 Radar Statistical Performances

Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

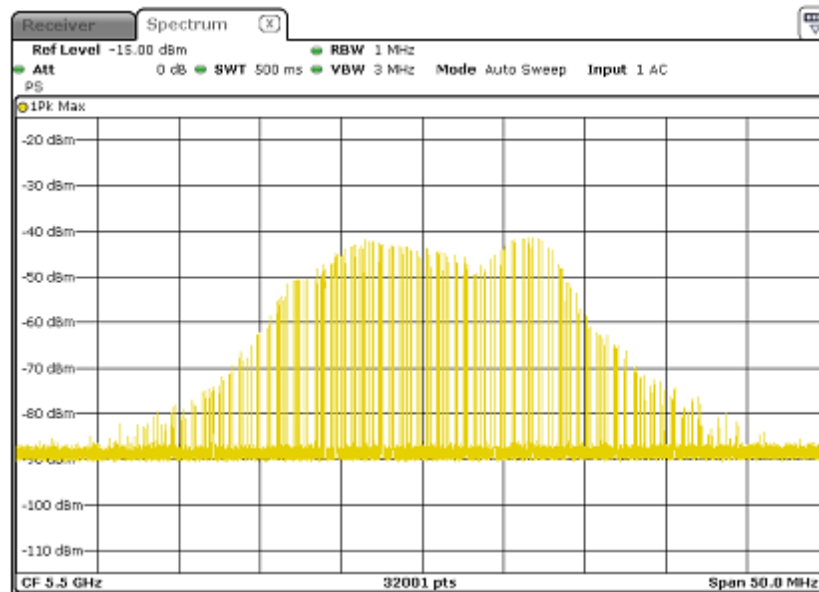
6.2.5 Non-Occupancy Period

Associate test:

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

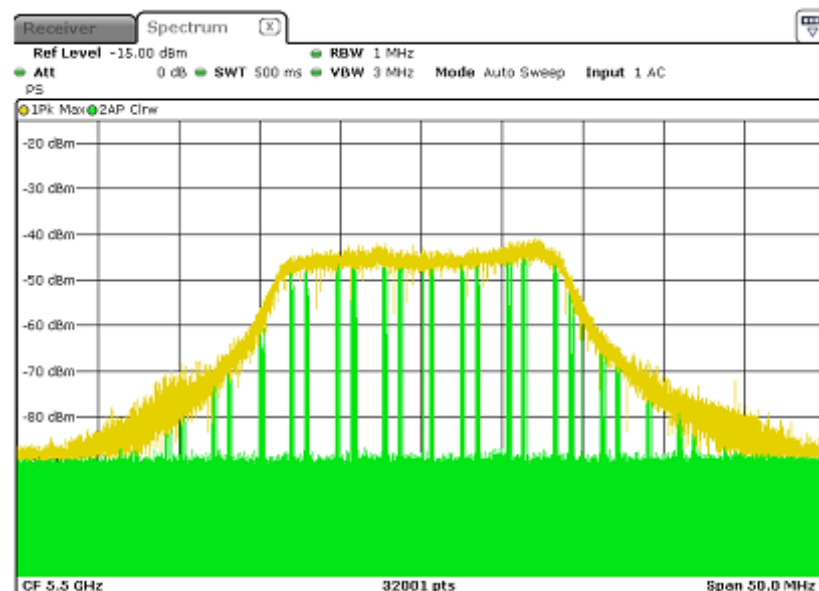
- 1) EUT (Master) links with Client on 5500MHz.

Waveform of EUT links up with Master



- 2) Client plays specified files via master.

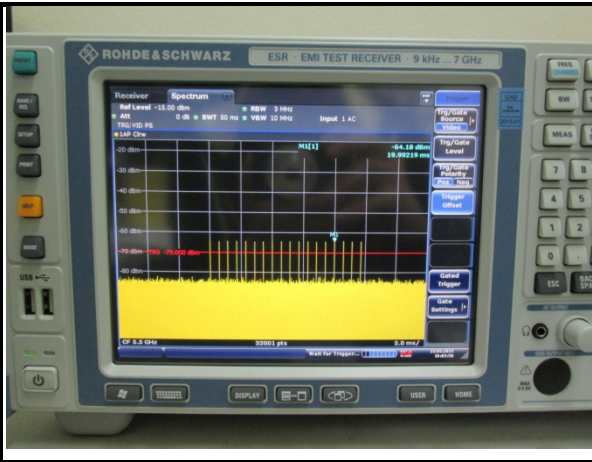
Waveform of transmission



3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

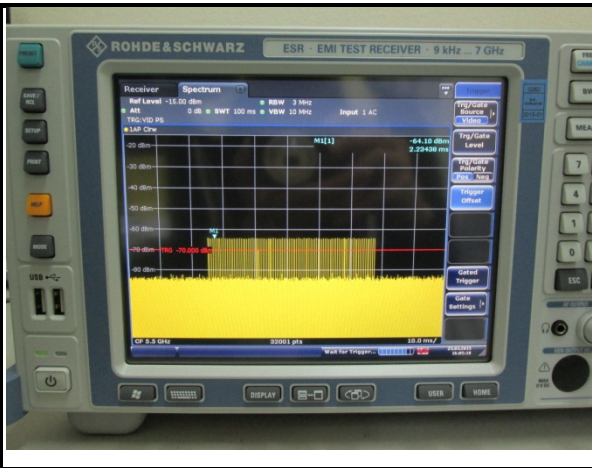
Radar 0

	Trial Id	Radar Type	Pulse Width (ns)	PRI (ns)	Number of Pulses	Waveform Length (ns)
Download	0	Type 0	1.0	1428.0	18	25704.0
Download	1	Type 0	1.0	1428.0	18	25704.0
Download	2	Type 0	1.0	1428.0	18	25704.0
Download	3	Type 0	1.0	1428.0	18	25704.0
Download	4	Type 0	1.0	1428.0	18	25704.0
Download	5	Type 0	1.0	1428.0	18	25704.0
Download	6	Type 0	1.0	1428.0	18	25704.0
Download	7	Type 0	1.0	1428.0	18	25704.0
Download	8	Type 0	1.0	1428.0	18	25704.0
Download	9	Type 0	1.0	1428.0	18	25704.0
Download	10	Type 0	1.0	1428.0	18	25704.0
Download	11	Type 0	1.0	1428.0	18	25704.0
Download	12	Type 0	1.0	1428.0	18	25704.0
Download	13	Type 0	1.0	1428.0	18	25704.0
Download	14	Type 0	1.0	1428.0	18	25704.0
Download	15	Type 0	1.0	1428.0	18	25704.0
Download	16	Type 0	1.0	1428.0	18	25704.0



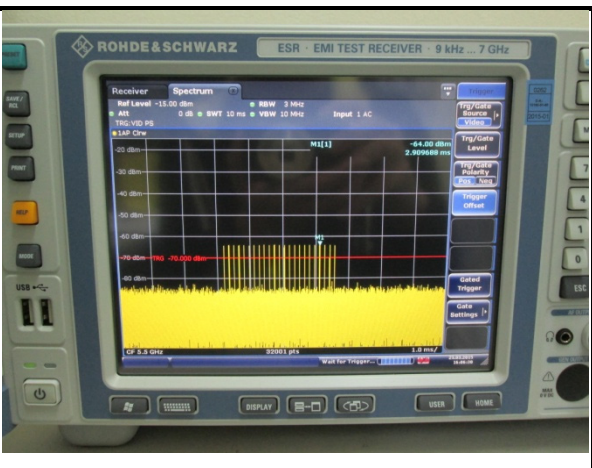
Radar 1

	Trial Id	Radar Type	Pulse Width (ns)	PRI (ns)	Number of Pulses	Waveform Length (ns)
Download	0	Type 1	1.0	678.0	78	52884.0
Download	1	Type 1	1.0	858.0	62	53196.0
Download	2	Type 1	1.0	738.0	72	53136.0
Download	3	Type 1	1.0	878.0	61	53558.0
Download	4	Type 1	1.0	938.0	57	53466.0
Download	5	Type 1	1.0	918.0	58	53244.0
Download	6	Type 1	1.0	538.0	99	53282.0
Download	7	Type 1	1.0	618.0	86	53148.0
Download	8	Type 1	1.0	788.0	67	53466.0
Download	9	Type 1	1.0	888.0	59	53282.0
Download	10	Type 1	1.0	518.0	102	53286.0
Download	11	Type 1	1.0	718.0	74	53132.0
Download	12	Type 1	1.0	306.0	18	55188.0
Download	13	Type 1	1.0	598.0	89	53222.0
Download	14	Type 1	1.0	838.0	63	53294.0
Download	15	Type 1	1.0	2846.0	19	54074.0
Download	16	Type 1	1.0	459.0	84	47992.0



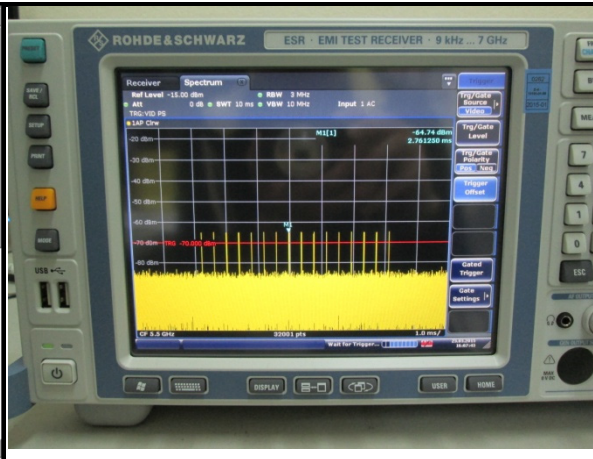
Radar 2

	Trial Id	Radar Type	Pulse Width (ns)	PRI (ns)	Number of Pulses	Waveform Length (ns)
Download	0	Type 2	1.3	200.0	23	4600.0
Download	1	Type 2	2.3	173.0	25	4025.0
Download	2	Type 2	4.9	158.0	29	4582.0
Download	3	Type 2	1.5	190.0	24	4580.0
Download	4	Type 2	1.6	219.0	24	5256.0
Download	5	Type 2	2.4	183.0	25	4575.0
Download	6	Type 2	5.0	171.0	29	4959.0
Download	7	Type 2	4.5	194.0	29	5626.0
Download	8	Type 2	3.6	160.0	27	4320.0
Download	9	Type 2	2.7	166.0	26	4316.0
Download	10	Type 2	2.8	202.0	26	5252.0
Download	11	Type 2	3.7	188.0	27	5076.0
Download	12	Type 2	1.9	184.0	24	4416.0
Download	13	Type 2	4.4	203.0	28	5684.0
Download	14	Type 2	3.3	205.0	26	5330.0
Download	15	Type 2	1.5	189.0	23	4347.0
Download	16	Type 2	7.6	228.0	25	4700.0



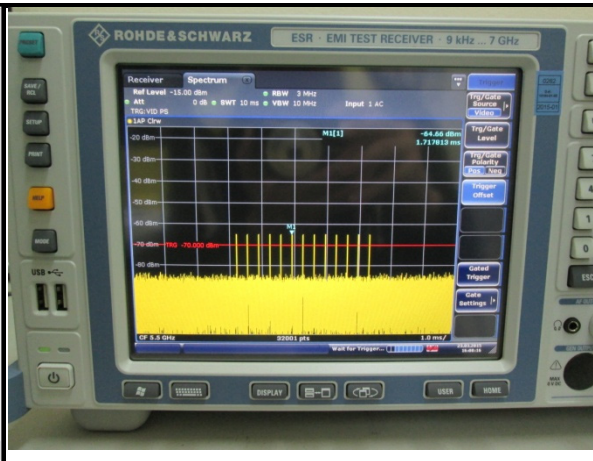
Radar 3

	Trial Id	Radar Type	Pulse Width (ns)	PRI (ns)	Number of Pulses	Waveform Length (ns)
Download	0	Type 3	8.2	355.0	17	6035.0
Download	1	Type 3	6.1	487.0	16	7792.0
Download	2	Type 3	7.1	344.0	16	5504.0
Download	3	Type 3	9.8	288.0	18	5194.0
Download	4	Type 3	8.9	230.0	18	4140.0
Download	5	Type 3	7.9	432.0	17	7344.0
Download	6	Type 3	8.2	207.0	17	3519.0
Download	7	Type 3	7.5	443.0	17	7531.0
Download	8	Type 3	8.1	438.0	17	7463.0
Download	9	Type 3	6.2	223.0	16	3568.0
Download	10	Type 3	8.9	208.0	18	3744.0
Download	11	Type 3	9.6	463.0	18	8334.0
Download	12	Type 3	8.2	441.0	17	7497.0
Download	13	Type 3	7.2	323.0	16	5168.0
Download	14	Type 3	9.5	297.0	18	5346.0
Download	15	Type 3	8.0	412.0	17	7004.0
Download	16	Type 3	10.0	358.0	18	5323.0



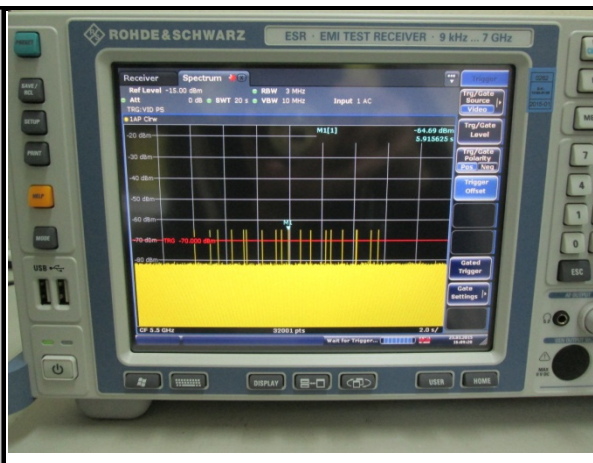
Radar 4

	Trial Id	Radar Type	Pulse Width (ns)	PRI (ns)	Number of Pulses	Waveform Length (ns)
Download	0	Type 4	16.0	355.0	14	4970.0
Download	1	Type 4	11.3	407.0	12	5844.0
Download	2	Type 4	13.5	344.0	13	4472.0
Download	3	Type 4	19.4	288.0	16	4608.0
Download	4	Type 4	17.5	230.0	15	3450.0
Download	5	Type 4	15.3	432.0	14	6048.0
Download	6	Type 4	15.9	207.0	14	2698.0
Download	7	Type 4	14.3	443.0	13	5759.0
Download	8	Type 4	15.8	438.0	14	6146.0
Download	9	Type 4	11.5	223.0	12	2676.0
Download	10	Type 4	17.4	208.0	15	3120.0
Download	11	Type 4	19.0	463.0	16	7408.0
Download	12	Type 4	16.0	441.0	14	6174.0
Download	13	Type 4	13.8	323.0	13	4199.0
Download	14	Type 4	18.9	297.0	16	4752.0
Download	15	Type 4	15.5	412.0	14	5768.0
Download	16	Type 4	10.0	358.0	14	5164.0

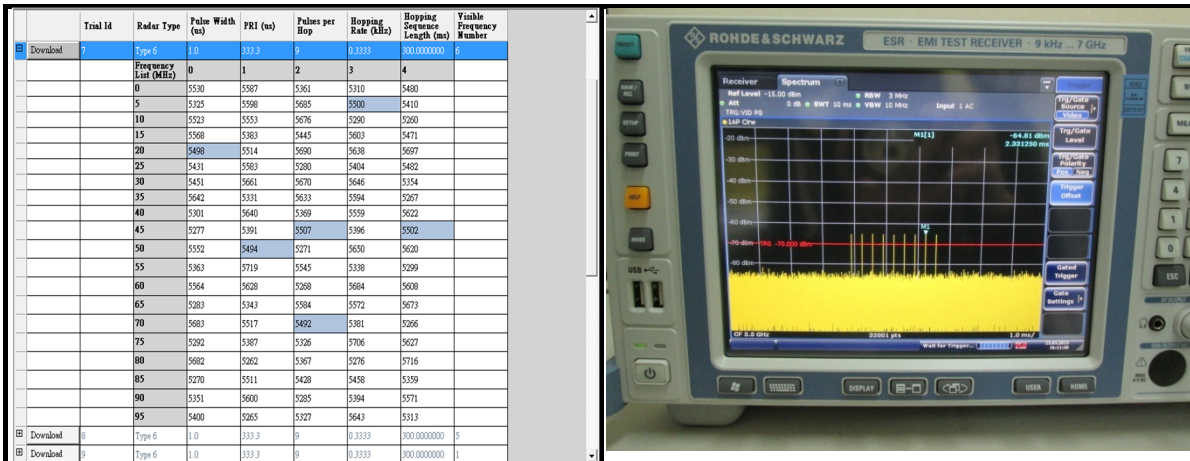


Radar 5

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)			
Download	0	Type 5	18	1.6666667	12.0000000	5.900000000			
		Burst ID	Burst Offset (ns)	Pulse Width (ns)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (ns)	PRI-2 (ns)	PRI-3 (ns)
		0	345314.0	89.2	17	3	1780.0	1398.0	1593.0
		1	506256.0	94.4	17	3	1690.0	1282.0	1924.0
		2	4480.0	96.9	17	1	1539.0	-	-
		3	154774.0	90.6	17	3	1996.0	1943.0	1734.0
		4	227342.0	52.9	17	1	1866.0	-	-
		5	489956.0	66.7	17	2	1618.0	1920.0	-
		6	646682.0	99.1	17	3	1190.0	1872.0	9286.0
		7	145407.0	88.9	17	3	1357.0	1385.0	1136.0
		8	306271.0	75.5	17	2	1936.0	1699.0	-
		9	467690.0	82.9	17	2	1704.0	1061.0	-
		10	627431.0	94.5	17	3	1287.0	1333.0	1492.0
		11	125722.0	72.1	17	3	1722.0	1578.0	-
		12	286499.0	96.8	17	3	1245.0	1027.0	1280.0
		13	448457.0	51.6	17	1	1875.0	-	-
		14	610372.0	53.0	17	1	1131.0	-	-
		15	105717.0	96.2	17	3	1825.0	1176.0	1470.0
		16	266622.0	80.7	17	2	1869.0	1870.0	-
		17	428794.0	60.6	17	1	1569.0	-	-
Download	9	Type 5	18	0.6666667	12.0000000	5.900000000			
Download	10	Type 5	10	1.3000000	12.0000000	5.494200000			
Download	11	Type 5	11	1.0747778	17.0000000	5.450000000			



Radar 6



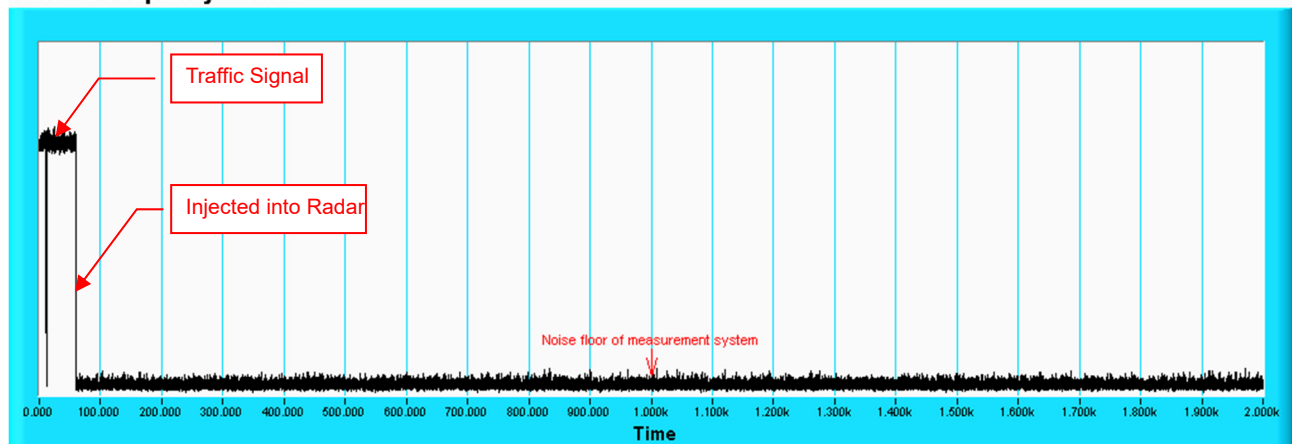
4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

EUT Model: RBR350

802.11ax HE20 _ 5500MHz

Non - Occupancy Period

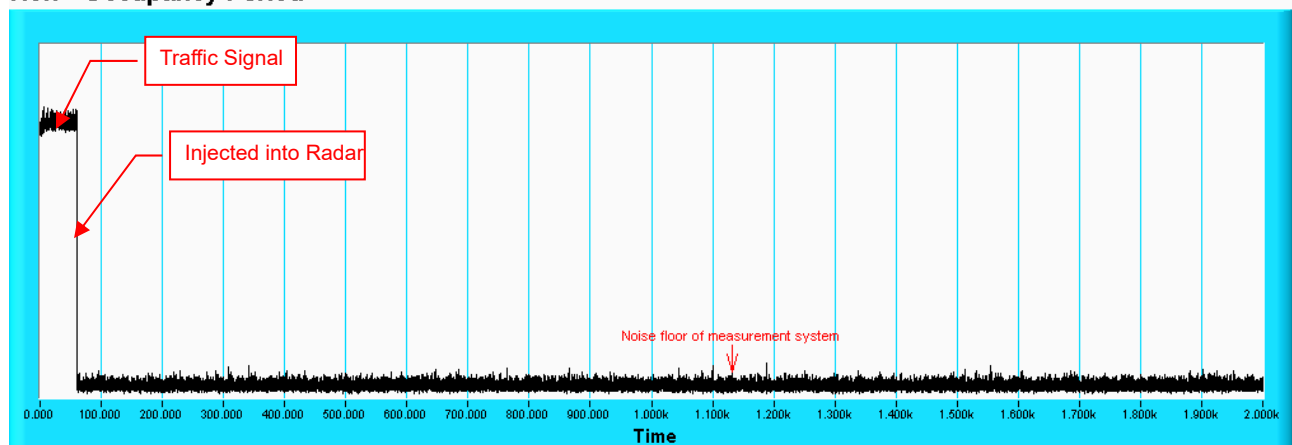


Note: Test setup are shown on Test setup photo.pdf

EUT Model: RBS350

802.11ax HE20 _ 5500MHz

Non - Occupancy Period



Note: Test setup are shown on Test setup photo.pdf

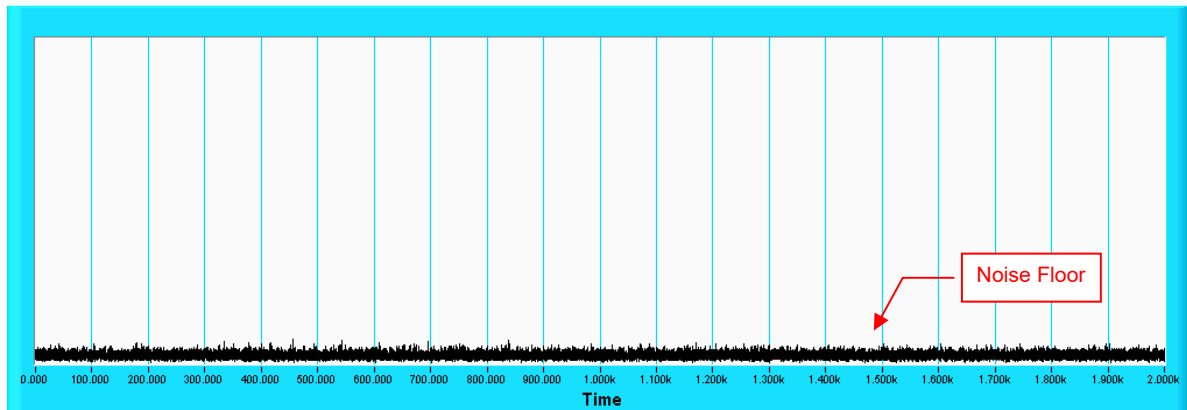
6.2.6 Non-Associated Test

For Slave mode

Master was off.

During the 30 minutes observation time, The UUT did not make any transmissions in the DFS band after UUT power up.

Non-Associated



6.2.7 Non- Co-Channel Test

For Slave mode

The UUT was investigated after radar was detected and confirmed that no co-channel operation with radars.

6.2.8 Uniform Spreading

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT randomly select next output channel without any bias or fixed pattern, so that all channels in DFS bands (5250 to 5350MHz and 5470 to 5725 MHz) will be used equally.

7 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

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Web Site: <http://ee.bureauveritas.com.tw>

The address and road map of all our labs can be found in our web site also.