

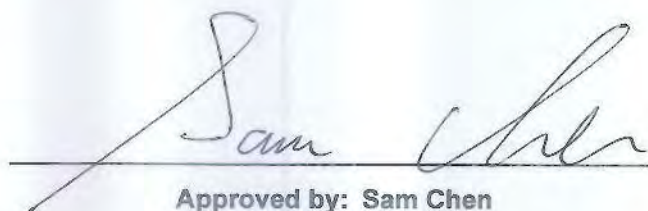


RADIO TEST REPORT

FCC ID : TLZ-AM510
Equipment : IEEE 802.11 1X1 a/b/g/n Wireless LAN + Bluetooth
5.1 Combo 12 x 12 LGA Module
Brand Name : AzureWave
Model Name : AW-AM510 ; AW-AM510-I ; AW-AM510MA
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New
Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New
Taipei City , Taiwan 231
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 15, 2021, and testing was started from Mar. 16, 2021 and completed on Apr. 20, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Molex	1461531050	Dipole	I-PEX	Note 1
2	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1
3	1	LYNwave	5-PP005421	PIFA	I-PEX	Note 1

Note1:

Ant.	Antenna Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	3.20	4.25	3.20
2	2.98	5.16	2.98
3	2.90	4.30	2.90

Note2: The above information was declared by manufacturer.

Note3:

<For conducted test>**2.4GHz and Bluetooth**

Only the higher gain antenna "Ant. 1" was tested and recorded in the report.

5GHz

Only the higher gain antenna "Ant. 2" was tested and recorded in the report.

<For AC Power-line Conducted Emissions and Radiated test>

Ant.2 and Ant. 3 are the same type antenna, and only the higher gain antenna "Ant. 1 and Ant. 2" was tested and recorded in the report.

<For WLAN 2.4GHz>**For IEEE 802.11b/g/n mode (1TX/1RX)**

Only Port 1 can be used as transmitting/receiving.

<For WLAN 5GHz>**For IEEE 802.11a/n mode (1TX/1RX)**

Only Port 1 can be used as transmitting/receiving.

<For Bluetooth> (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.99	0.04	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.988	0.05	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.977	0.1	650u	3k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Dut labtool 1.0.0.11			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model No.	Description
AW-AM510	All the model names are identical, the difference model names served as marketing strategy.
AW-AM510-I	
AW-AM510MA	

Note 1: From the above models, model: AW-AM510 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Lucas Huang	21-22.1 / 57-65	Mar. 24, 2021~ Apr. 06, 2021
Radiated (Below 1GHz)	03CH05-CB	Cola Fan	21.3-22.5 / 55-58	Apr. 20, 2021
Radiated (Above 1GHz)	03CH02-CB	RJ Huang	20.2-21.3 / 56-58	Mar. 16, 2021~ Mar. 24, 2021
AC Conduction	CO02-CB	Peter Wu	23~24 / 57~58	Apr. 08, 2021



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21
2417MHz	21
2437MHz	24
2457MHz	21
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	17
2417MHz	18
2437MHz	21
2457MHz	17
2462MHz	16
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	16
2417MHz	18
2437MHz	21
2457MHz	16
2462MHz	15
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	14
2427MHz	15
2437MHz	18
2447MHz	14
2452MHz	14

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	EUT + WLAN 2.4GHz + Bluetooth + Ant. 1
2	EUT + WLAN 5GHz + Bluetooth + Ant. 1
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT + WLAN 2.4GHz + Bluetooth + Ant. 2
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	EUT+ Ant.1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 1
2	EUT in Y axis + WLAN 2.4GHz + Bluetooth + Ant. 1
Mode 2 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Y axis + WLAN 5GHz + Bluetooth + Ant. 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Y axis + WLAN 5GHz + Bluetooth + Ant. 2
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	EUT in Z axis + Ant. 1
2	EUT in X axis + Ant. 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz
2	Bluetooth + WLAN 5GHz
Refer to Sporton Test Report No.: FA131001 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	ACER	MS2343	N/A
B	Fixture	AzureWave	AW2510-I1	N/A
C	AP Router	ASUS	RP-N53	MSQ-RPN53
D	Earphone	SHYARO CHI	MIC-04	N/A
E	Mouse	HP	FM100	N/A
F	iPad	Apple	A1430	BCGA1430
G	AP Router NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
D	iPad	Apple	A1430	BCGA1430
E	Earphone	e-Power	S90W	N/A
F	Mouse	Logitech	M-U0026	N/A
G	Fixture	AzureWave	AW2510-I1	N/A

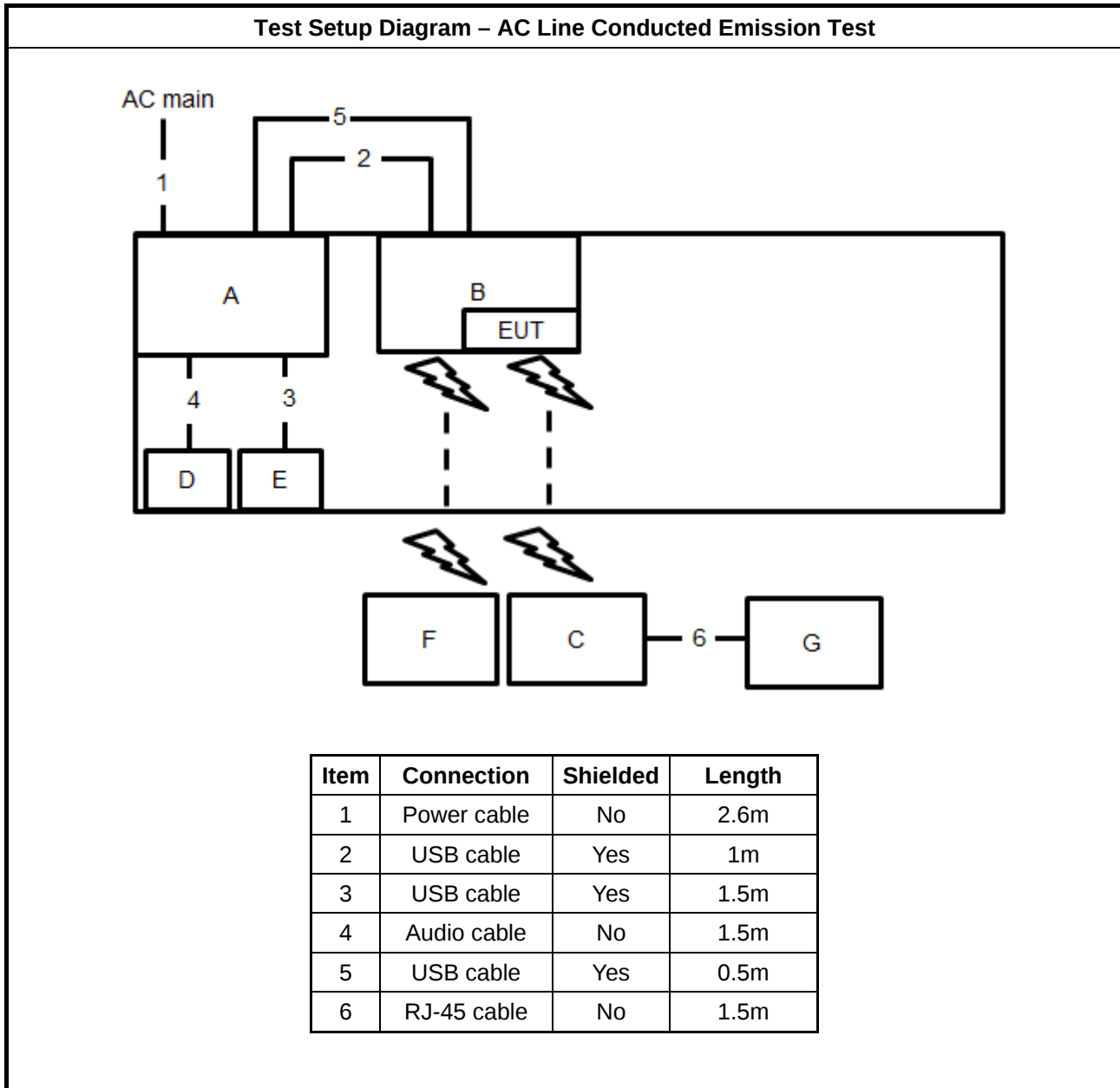
For Radiated (above 1GHz):

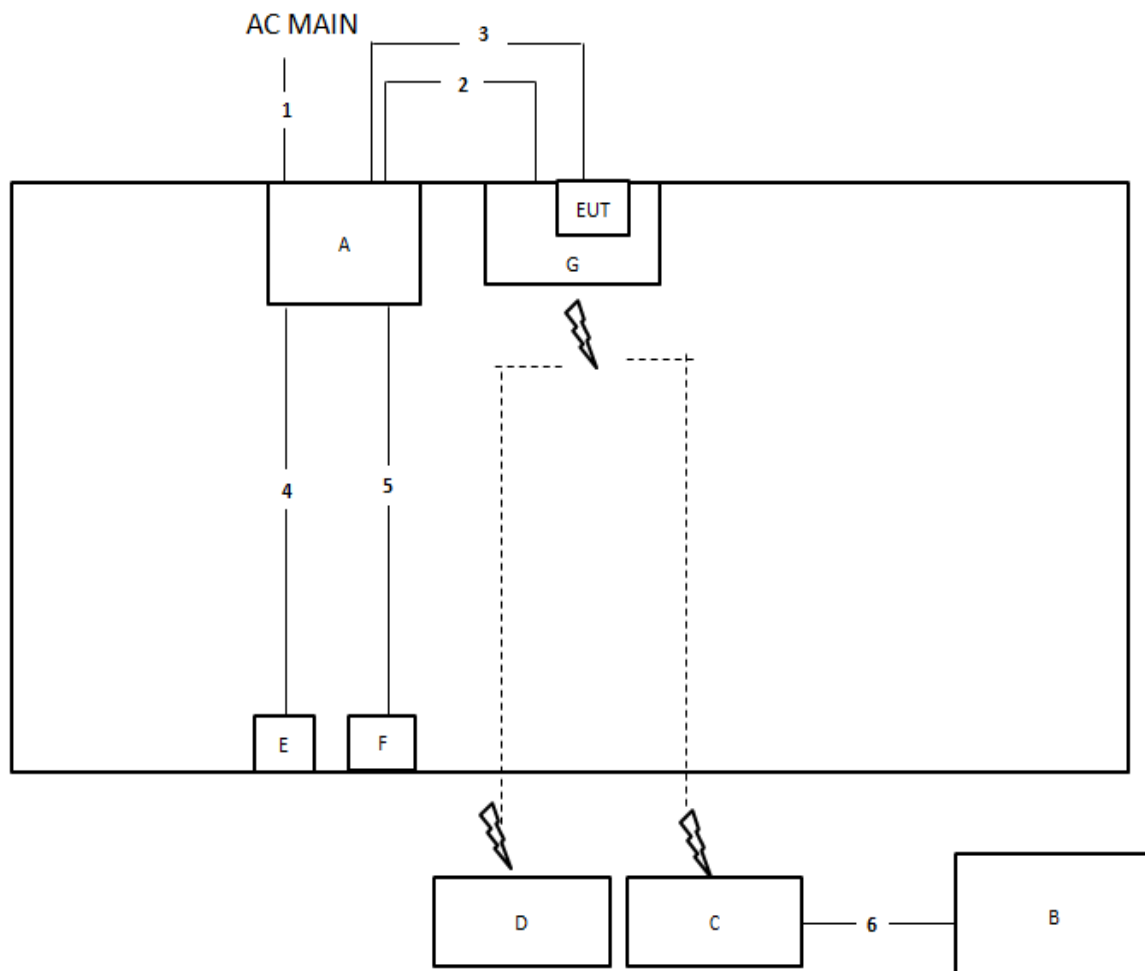
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	AzureWave	AW2510-I1	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

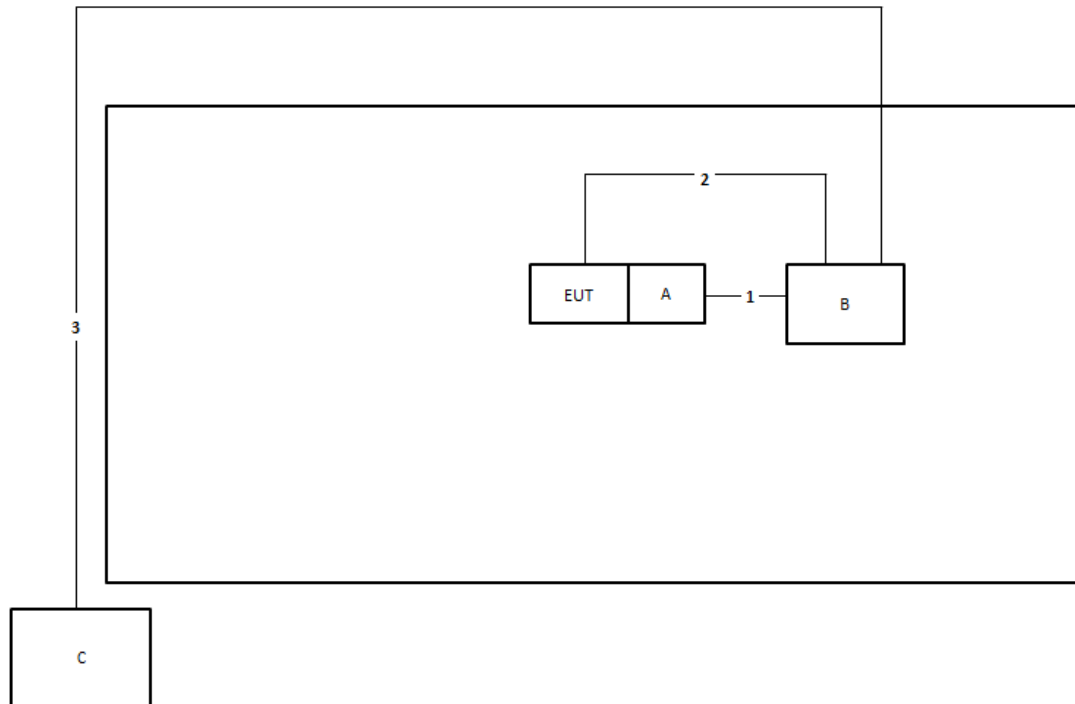
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Fixture	AzureWave	AW2510-I1	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	1m
3	USB cable	Yes	2m
4	Audio cable	No	1.1m
5	USB cable	Yes	1.4m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	USB cable	Yes	1m
2	USB cable	Yes	1m
3	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

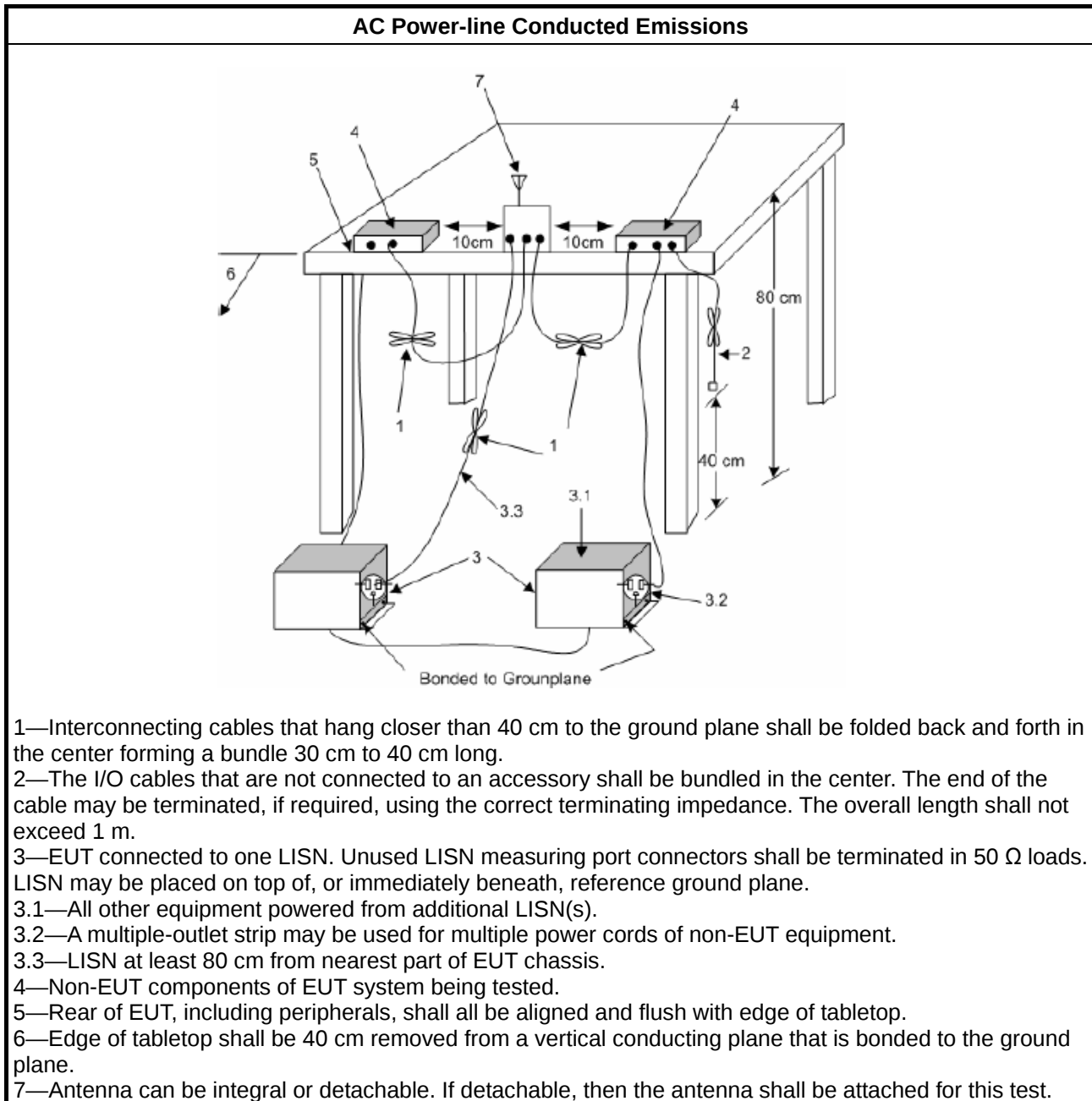
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

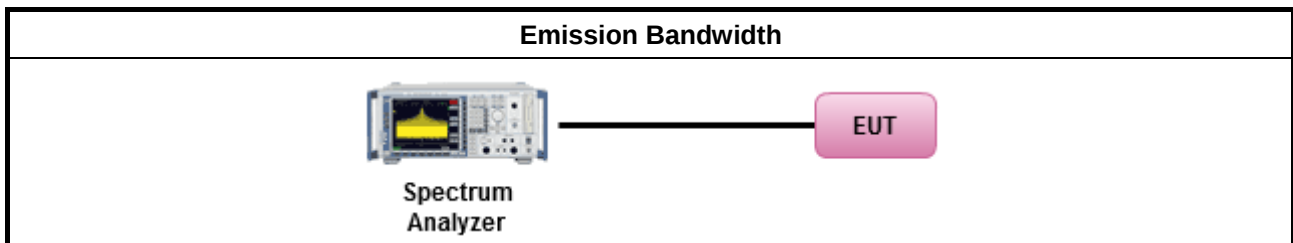
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method
For the emission bandwidth shall be measured using one of the options below:
☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

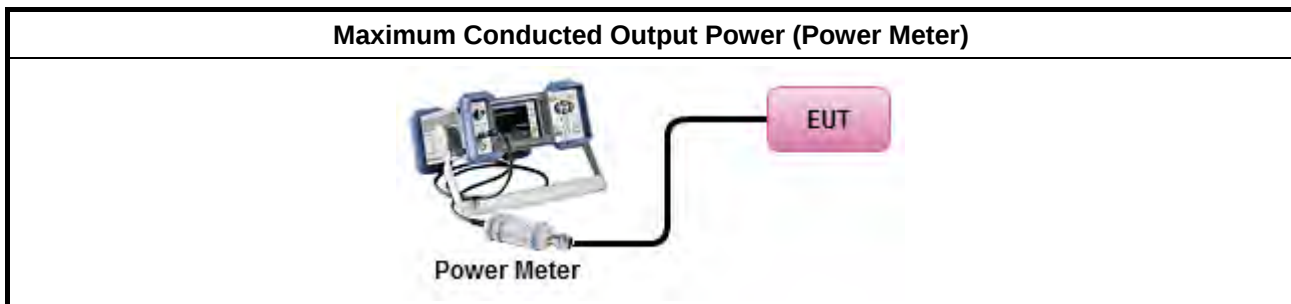
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

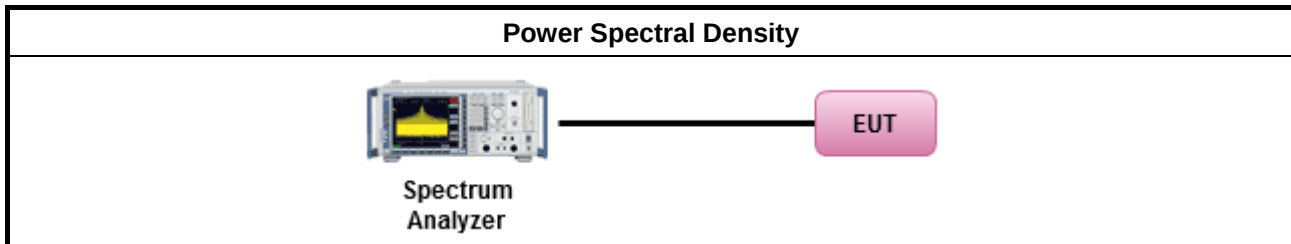
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

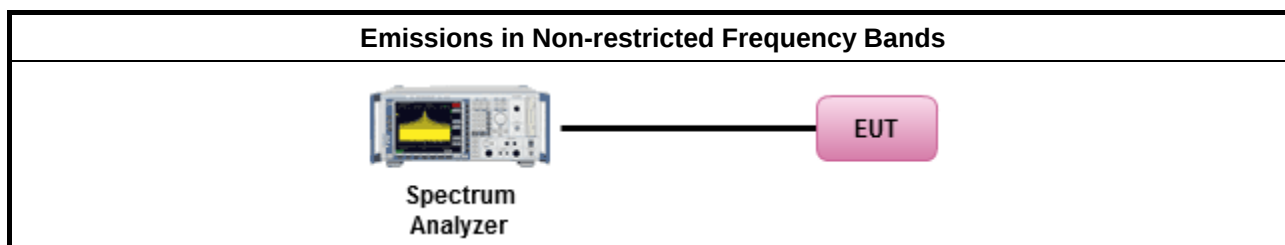
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

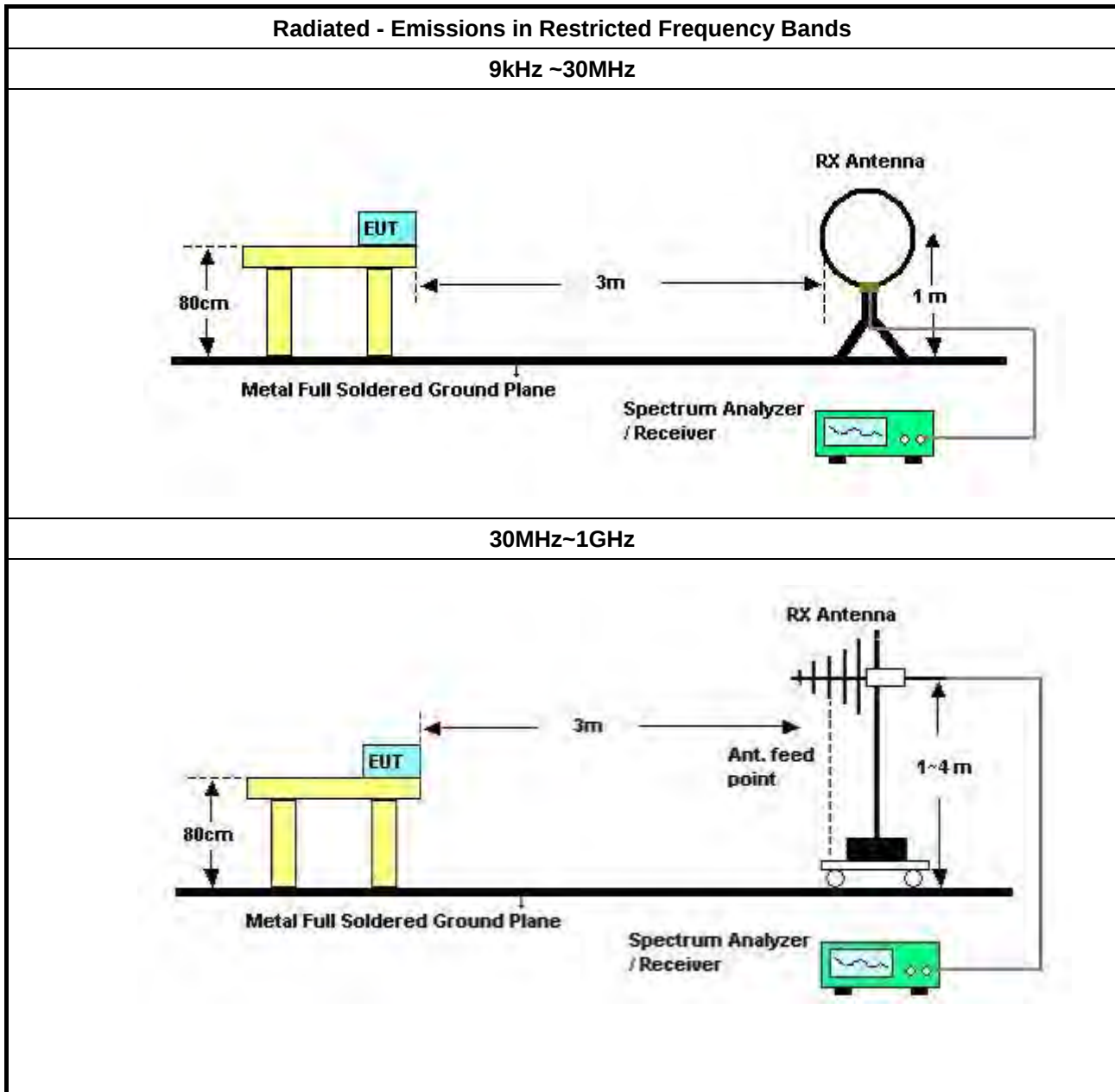
Refer a test equipment and calibration data table in this test report.

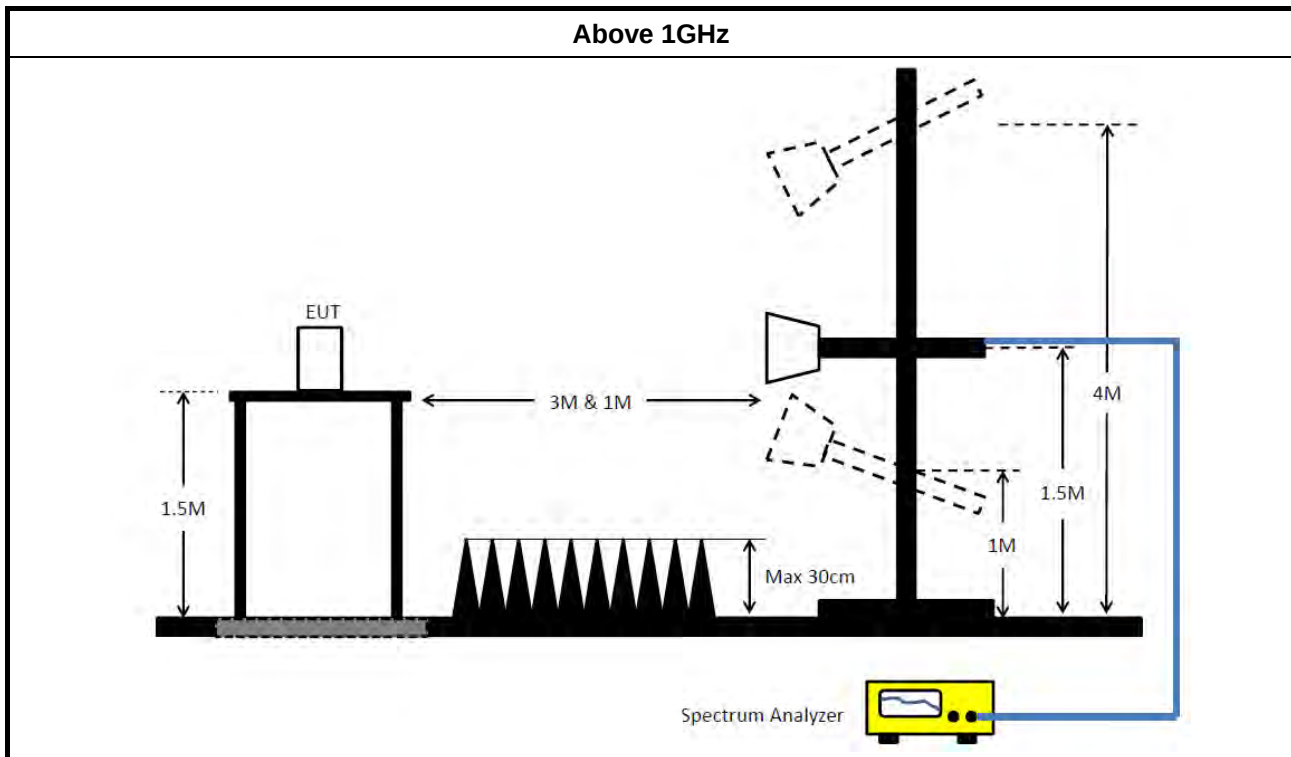


3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2021	Mar. 17, 2022	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16.2021	Mar. 15.2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 28, 2020	Mar. 27, 2021	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 21, 2020	Apr. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz ~26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

N.C.R. means Non-Calibration required.



Conducted Emissions at Powerline

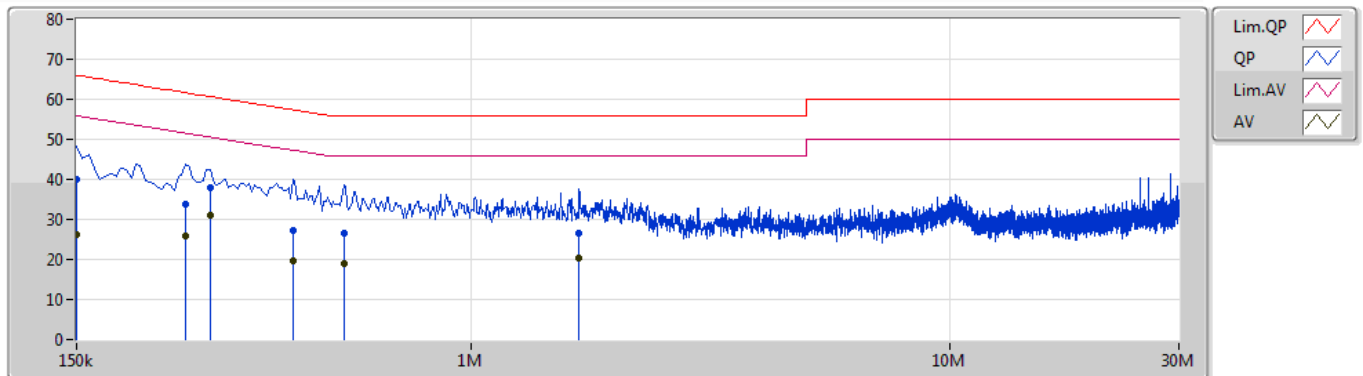
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	285k	31.04	50.67	-19.63	Line

Mode 1

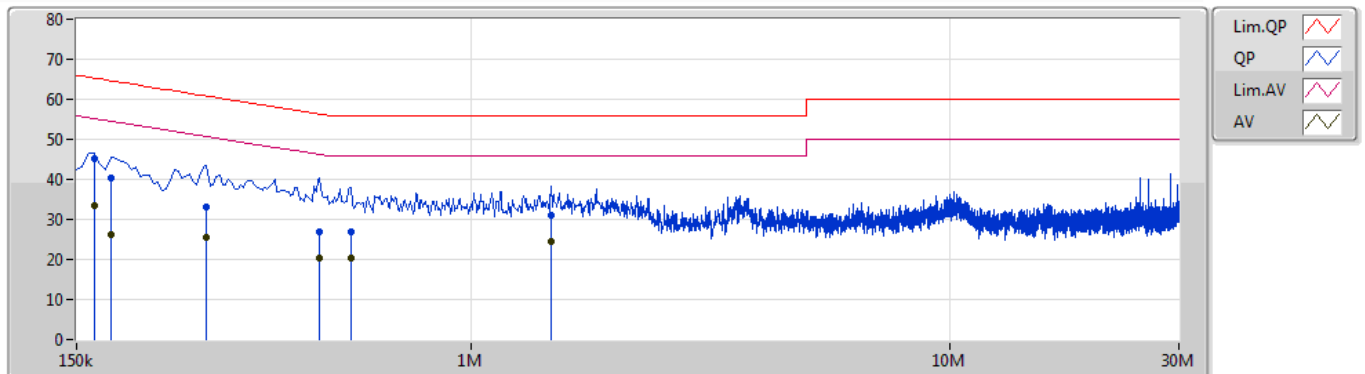
08/04/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	39.92	66.00	-26.08	10.29	Line	-	29.63	0.07	0.07	10.15			
AV	150k	26.09	56.00	-29.91	10.29	Line	-	15.80	0.07	0.07	10.15			
QP	253.5k	33.74	61.64	-27.90	10.28	Line	-	23.46	0.07	0.07	10.14			
AV	253.5k	25.93	51.64	-25.71	10.28	Line	-	15.65	0.07	0.07	10.14			
QP	285k	37.77	60.67	-22.90	10.27	Line	-	27.50	0.08	0.06	10.13			
AV	285k	31.04	50.67	-19.63	10.27	Line	"Worst"	20.77	0.08	0.06	10.13			
QP	424.5k	27.08	57.36	-30.28	10.25	Line	-	16.83	0.08	0.06	10.11			
AV	424.5k	19.76	47.36	-27.60	10.25	Line	-	9.51	0.08	0.06	10.11			
QP	541.5k	26.47	56.00	-29.53	10.26	Line	-	16.21	0.08	0.07	10.11			
AV	541.5k	19.01	46.00	-26.99	10.26	Line	-	8.75	0.08	0.07	10.11			
QP	1.68M	26.61	56.00	-29.39	10.31	Line	-	16.30	0.10	0.09	10.12			
AV	1.68M	20.20	46.00	-25.80	10.31	Line	-	9.89	0.10	0.09	10.12			

Mode 1

08/04/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.5k	45.33	65.27	-19.94	10.28	Neutral	"Worst"	35.05	0.06	0.07	10.15			
AV	163.5k	33.39	55.27	-21.88	10.28	Neutral	-	23.11	0.06	0.07	10.15			
QP	177k	40.22	64.62	-24.40	10.29	Neutral	-	29.93	0.06	0.07	10.16			
AV	177k	26.37	54.62	-28.25	10.29	Neutral	-	16.08	0.06	0.07	10.16			
QP	280.5k	33.21	60.80	-27.59	10.27	Neutral	-	22.94	0.06	0.07	10.14			
AV	280.5k	25.65	50.80	-25.15	10.27	Neutral	-	15.38	0.06	0.07	10.14			
QP	483k	27.03	56.29	-29.26	10.23	Neutral	-	16.80	0.06	0.06	10.11			
AV	483k	20.19	46.29	-26.10	10.23	Neutral	-	9.96	0.06	0.06	10.11			
QP	559.5k	26.95	56.00	-29.05	10.25	Neutral	-	16.70	0.07	0.07	10.11			
AV	559.5k	20.24	46.00	-25.76	10.25	Neutral	-	9.99	0.07	0.07	10.11			
QP	1.473M	31.01	56.00	-24.99	10.30	Neutral	-	20.71	0.09	0.09	10.12			
AV	1.473M	24.48	46.00	-21.52	10.30	Neutral	-	14.18	0.09	0.09	10.12			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.575M	13.893M	13M9G1D	9.025M	11.944M
802.11g_Nss1,(6Mbps)_1TX	16.325M	17.391M	17M4D1D	16.325M	16.617M
802.11n HT20_Nss1,(MCS0)_1TX	17.55M	18.566M	18M6D1D	17.55M	17.616M
802.11n HT40_Nss1,(MCS0)_1TX	35.6M	36.682M	36M7D1D	35.5M	36.332M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

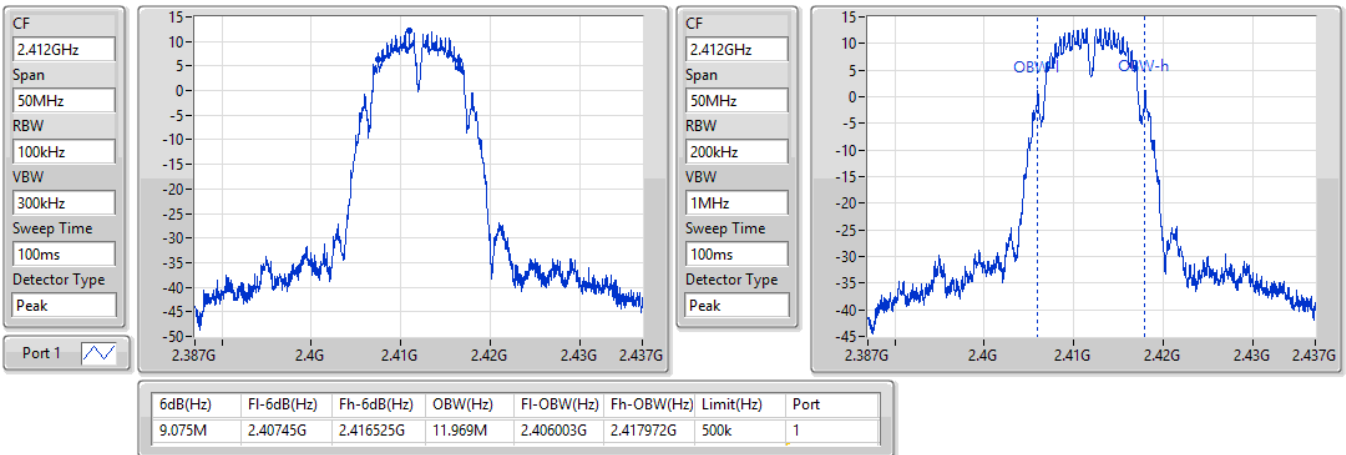
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.075M	11.969M
2437MHz	Pass	500k	9.575M	13.893M
2462MHz	Pass	500k	9.025M	11.944M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.642M
2437MHz	Pass	500k	16.325M	17.391M
2462MHz	Pass	500k	16.325M	16.617M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.55M	17.641M
2437MHz	Pass	500k	17.55M	18.566M
2462MHz	Pass	500k	17.55M	17.616M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.6M	36.332M
2437MHz	Pass	500k	35.55M	36.682M
2452MHz	Pass	500k	35.5M	36.382M

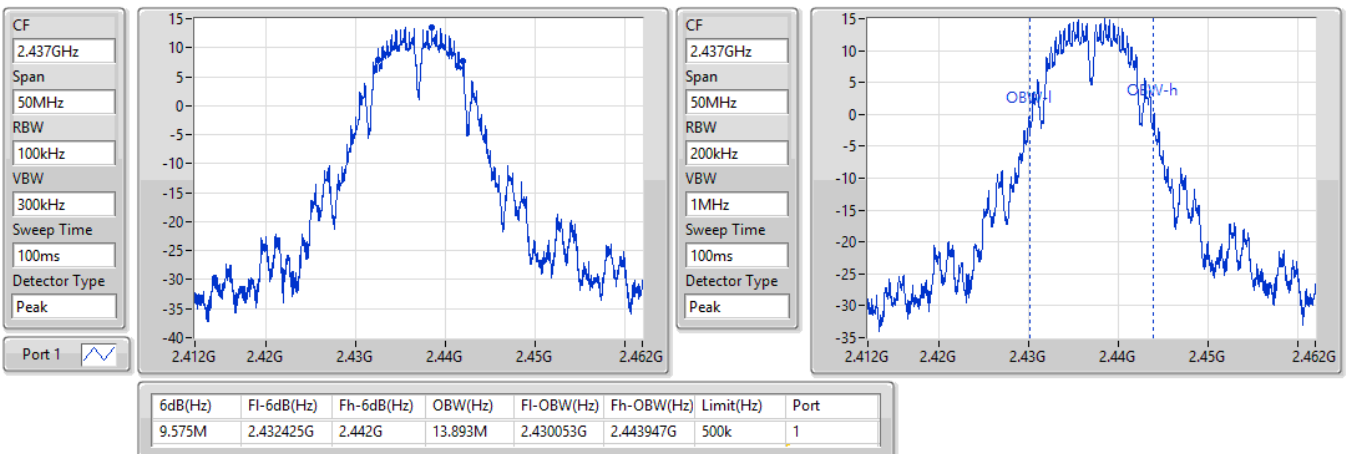
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

01/04/2021


802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

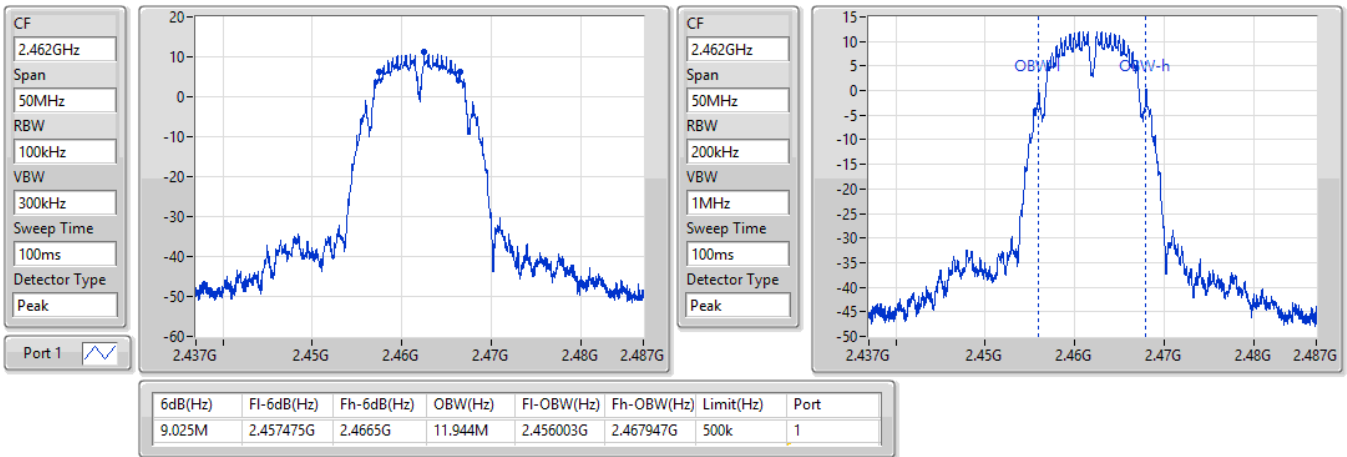
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802.11b_Nss1,(1Mbps)_1TX

EBW
2462MHz

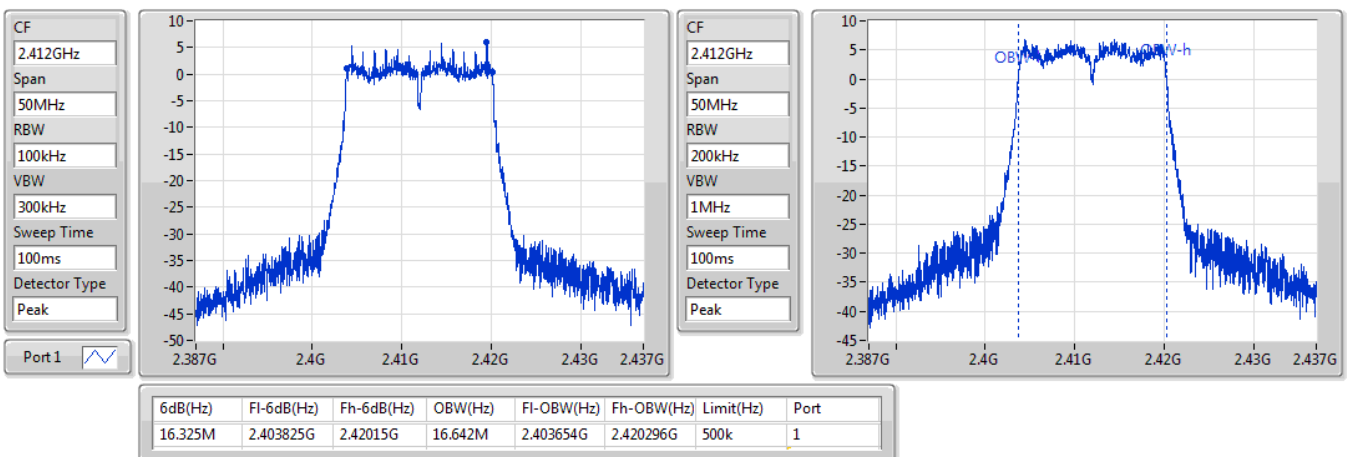
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802.11g_Nss1,(6Mbps)_1TX

EBW
2412MHz

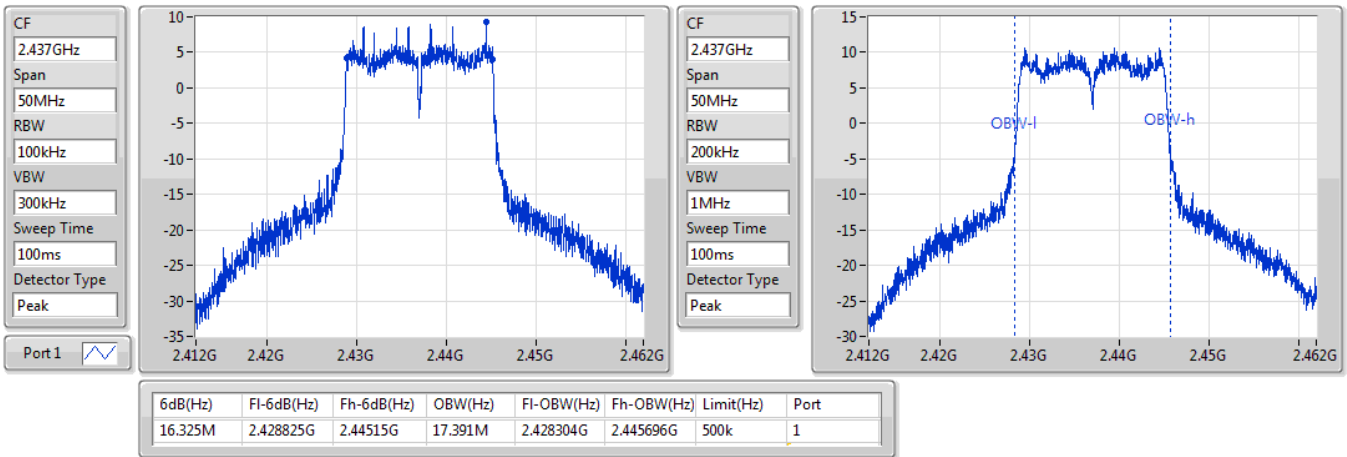
06/04/2021



802.11g_Nss1,(6Mbps)_1TX

EBW
2437MHz

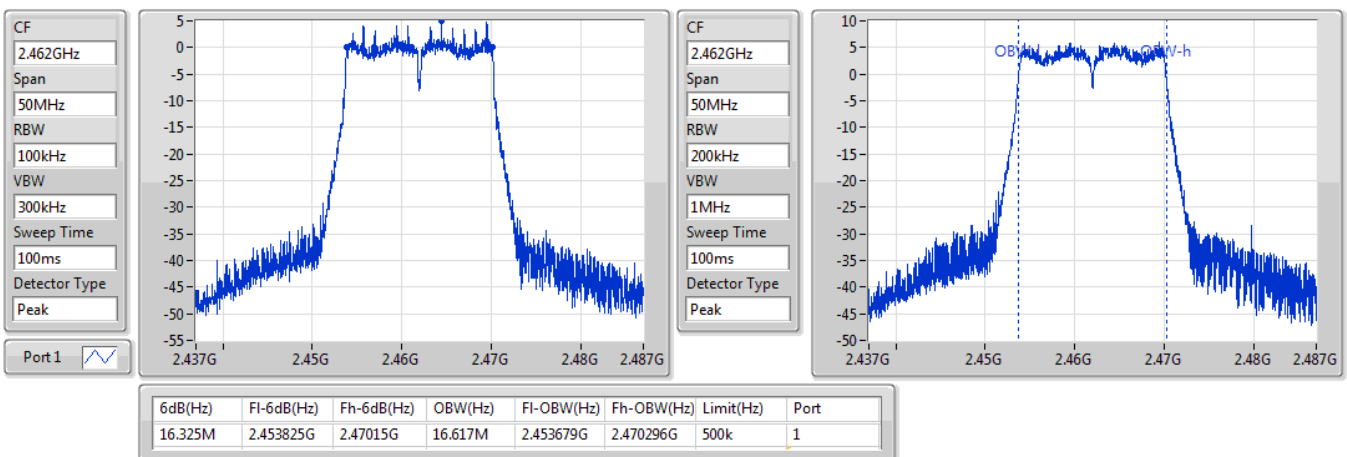
06/04/2021



802.11g_Nss1,(6Mbps)_1TX

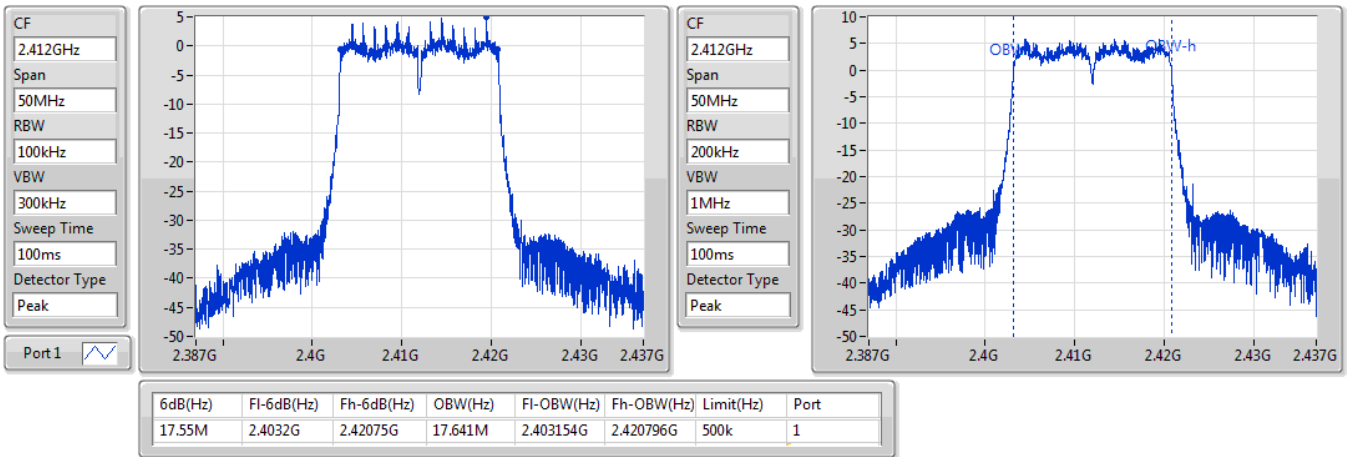
EBW
2462MHz

06/04/2021

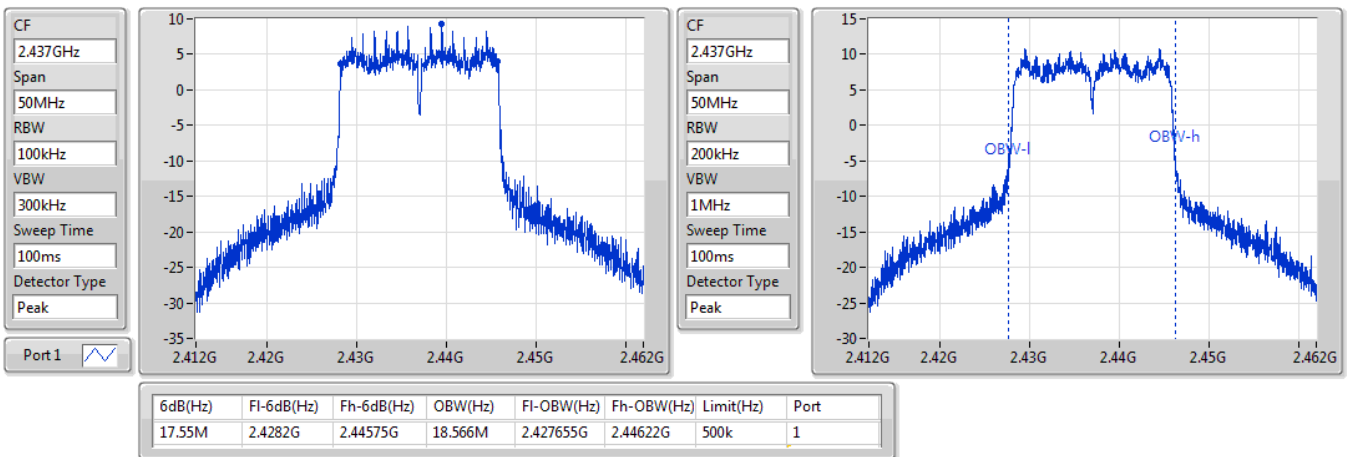


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

06/04/2021

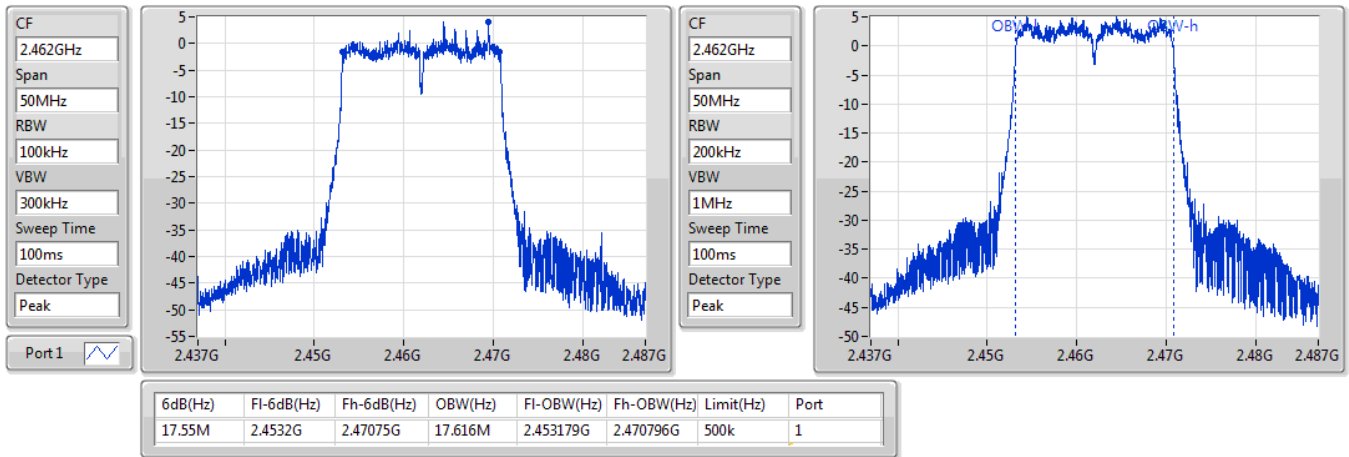

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

06/04/2021

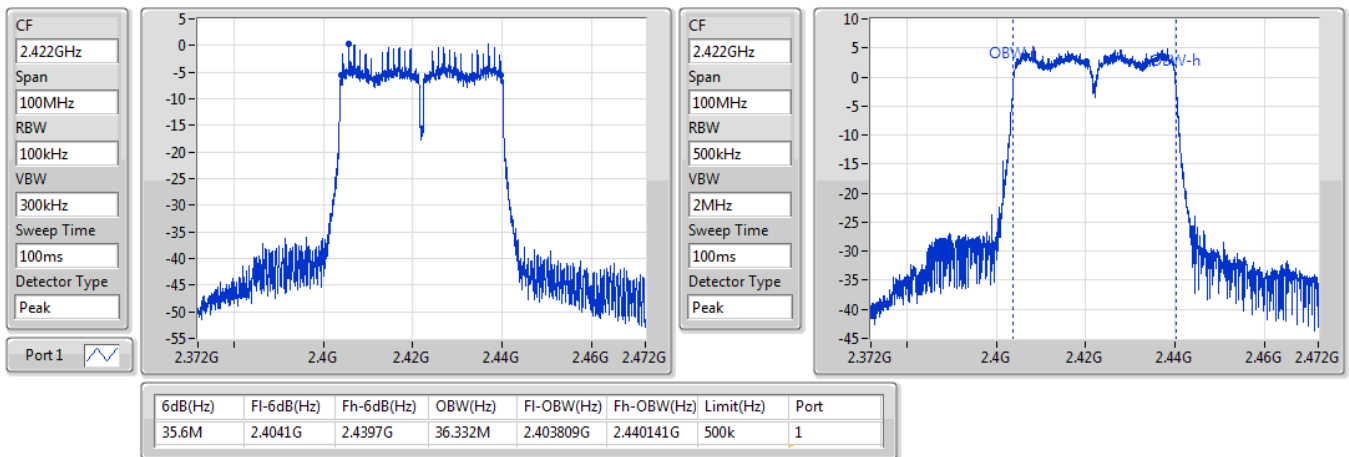


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz

06/04/2021

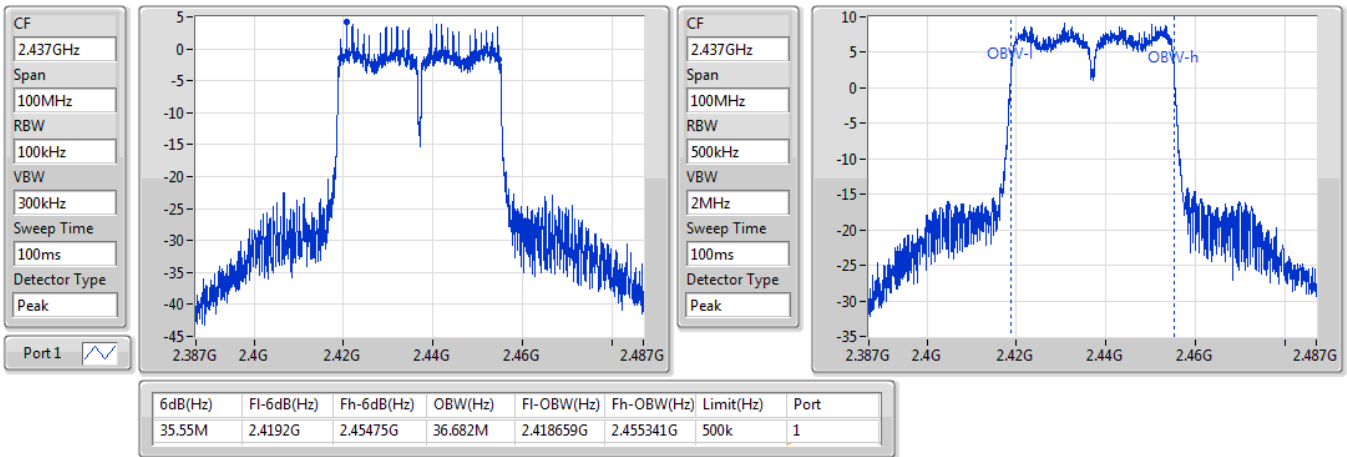

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2422MHz

06/04/2021

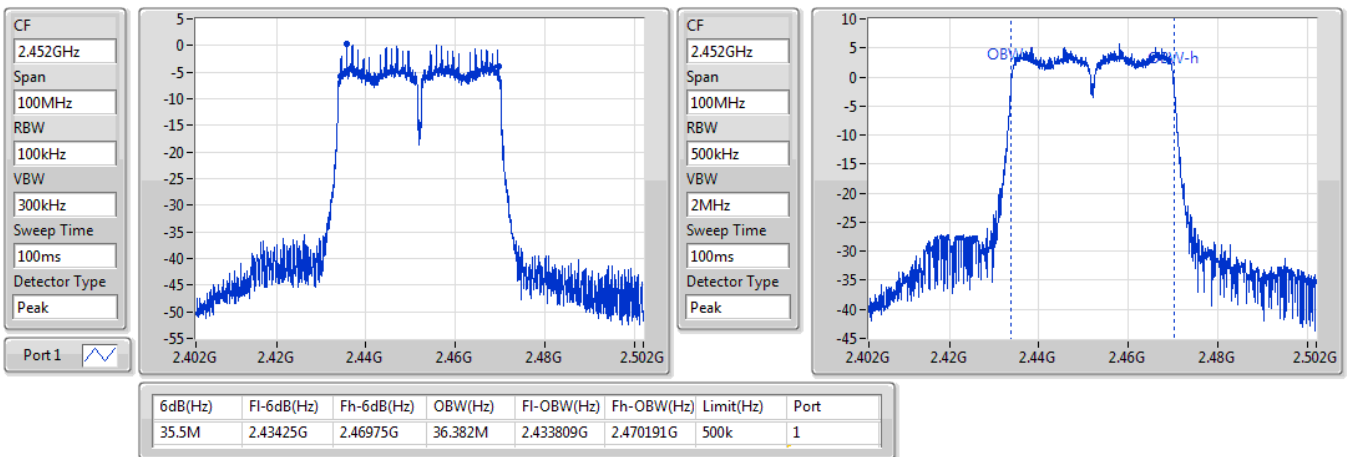


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2437MHz

06/04/2021


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2452MHz

06/04/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.66	0.18450
802.11g_Nss1,(6Mbps)_1TX	20.14	0.10328
802.11n HT20_Nss1,(MCS0)_1TX	20.26	0.10617
802.11n HT40_Nss1,(MCS0)_1TX	17.55	0.05689

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	21.06	21.06	30.00
2417MHz	Pass	3.20	21.04	21.04	30.00
2437MHz	Pass	3.20	22.66	22.66	30.00
2457MHz	Pass	3.20	20.84	20.84	30.00
2462MHz	Pass	3.20	19.89	19.89	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	16.60	16.60	30.00
2417MHz	Pass	3.20	17.56	17.56	30.00
2437MHz	Pass	3.20	20.14	20.14	30.00
2457MHz	Pass	3.20	16.63	16.63	30.00
2462MHz	Pass	3.20	15.64	15.64	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	15.78	15.78	30.00
2417MHz	Pass	3.20	17.74	17.74	30.00
2437MHz	Pass	3.20	20.26	20.26	30.00
2457MHz	Pass	3.20	15.82	15.82	30.00
2462MHz	Pass	3.20	14.87	14.87	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.20	13.73	13.73	30.00
2427MHz	Pass	3.20	14.70	14.70	30.00
2437MHz	Pass	3.20	17.55	17.55	30.00
2447MHz	Pass	3.20	13.72	13.72	30.00
2452MHz	Pass	3.20	13.73	13.73	30.00

DG = Directional Gain; **Port X** = Port X output power

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-0.94
802.11g_Nss1,(6Mbps)_1TX	-6.06
802.11n HT20_Nss1,(MCS0)_1TX	-4.98
802.11n HT40_Nss1,(MCS0)_1TX	-11.02

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-2.86	-2.86	8.00
2437MHz	Pass	3.20	-0.94	-0.94	8.00
2462MHz	Pass	3.20	-3.97	-3.97	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-10.07	-10.07	8.00
2437MHz	Pass	3.20	-6.06	-6.06	8.00
2462MHz	Pass	3.20	-10.73	-10.73	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-8.65	-8.65	8.00
2437MHz	Pass	3.20	-4.98	-4.98	8.00
2462MHz	Pass	3.20	-10.75	-10.75	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.20	-13.96	-13.96	8.00
2437MHz	Pass	3.20	-11.02	-11.02	8.00
2452MHz	Pass	3.20	-14.67	-14.67	8.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

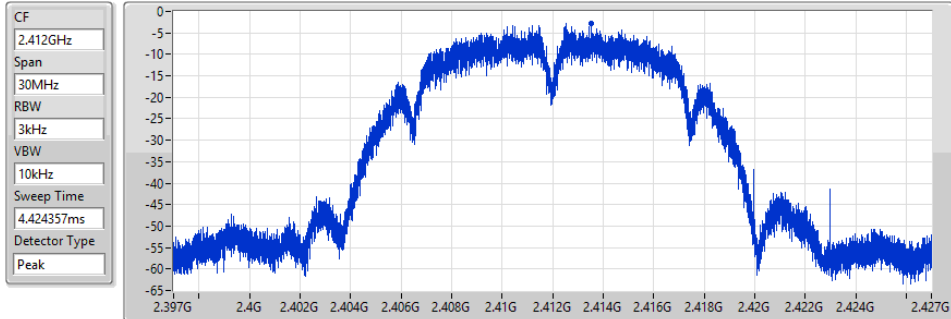
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

01/04/2021



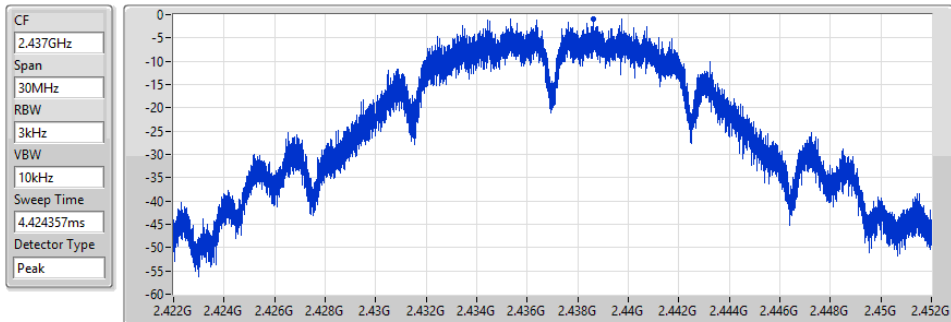
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.86	-2.86	-2.86

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

01/04/2021



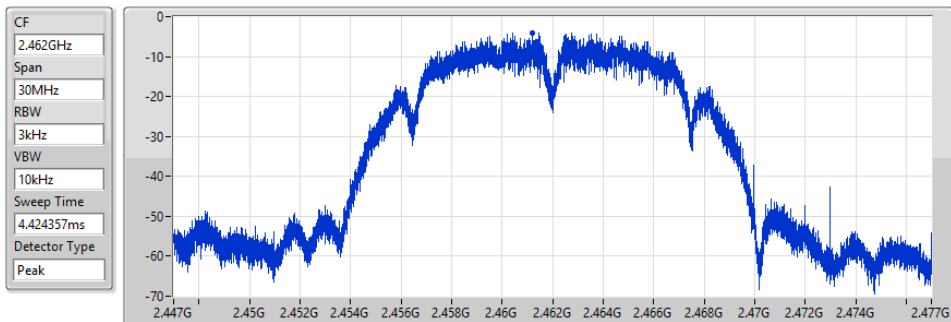
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.94	-0.94	-0.94

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

02/04/2021



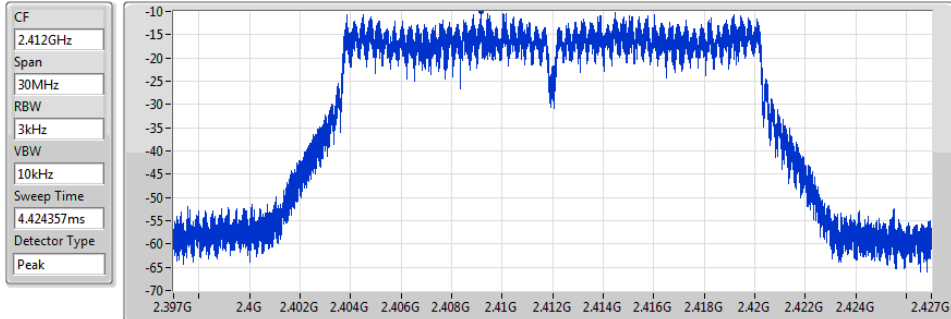
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.97	-3.97	-3.97

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

06/04/2021



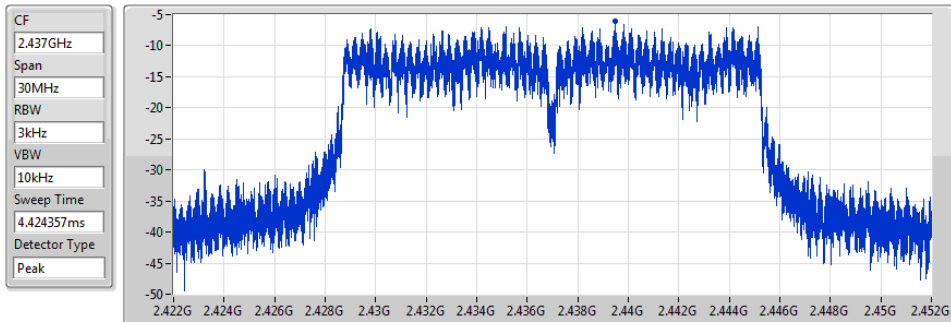
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-10.07	-10.07	-10.07

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

06/04/2021



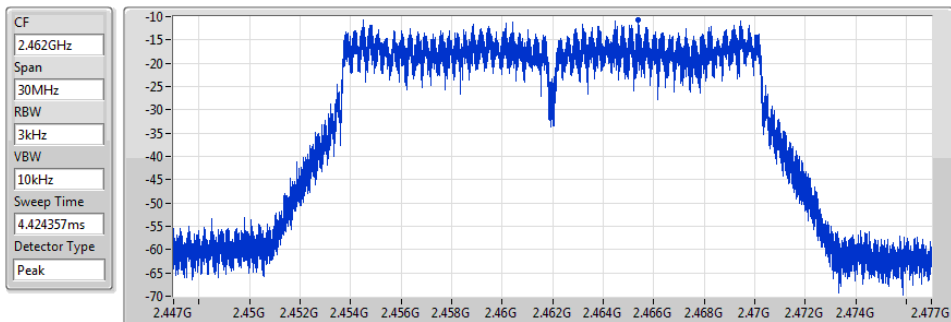
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.06	-6.06	-6.06

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

06/04/2021



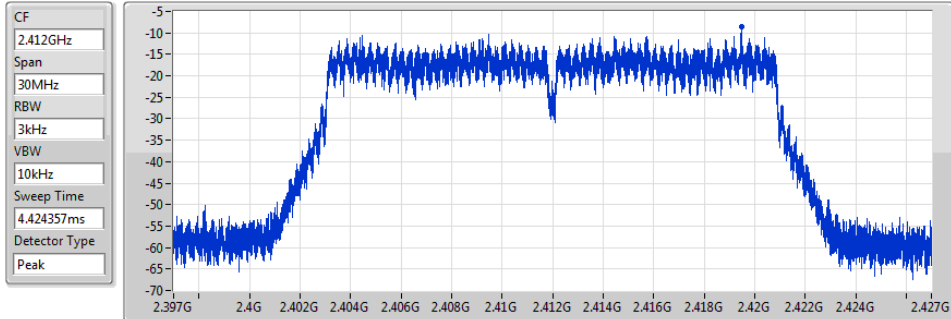
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-10.73	-10.73	-10.73

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

06/04/2021



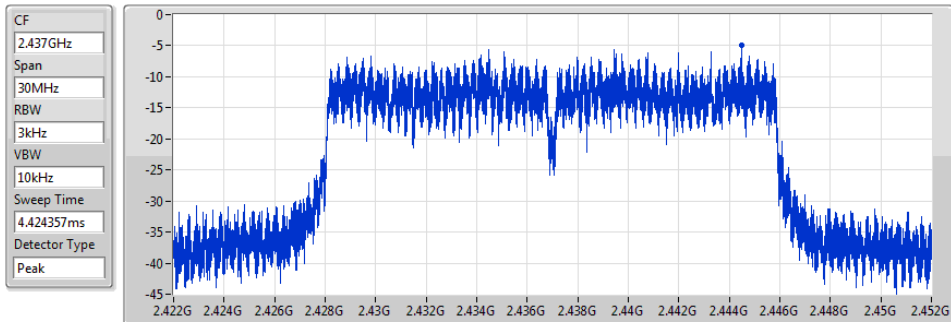
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.65	-8.65	-8.65

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

06/04/2021



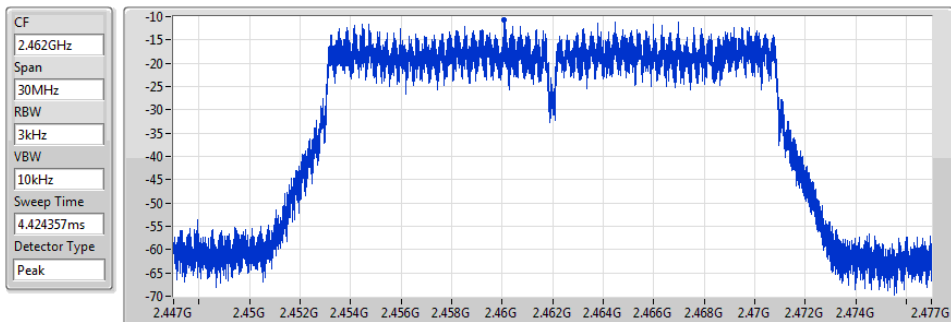
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.98	-4.98	-4.98

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

06/04/2021



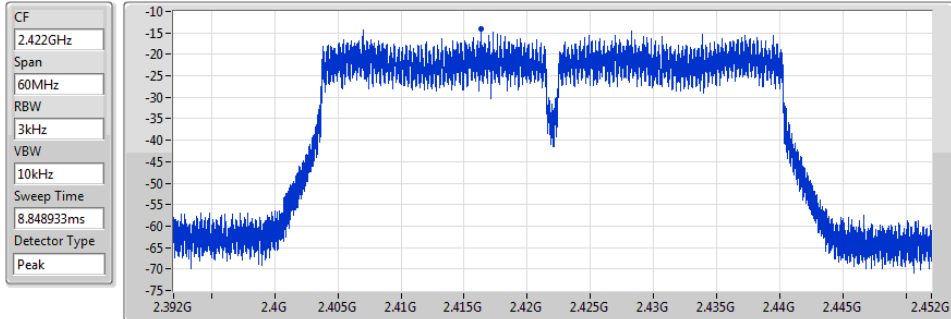
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.75	-10.75	-10.75

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

06/04/2021



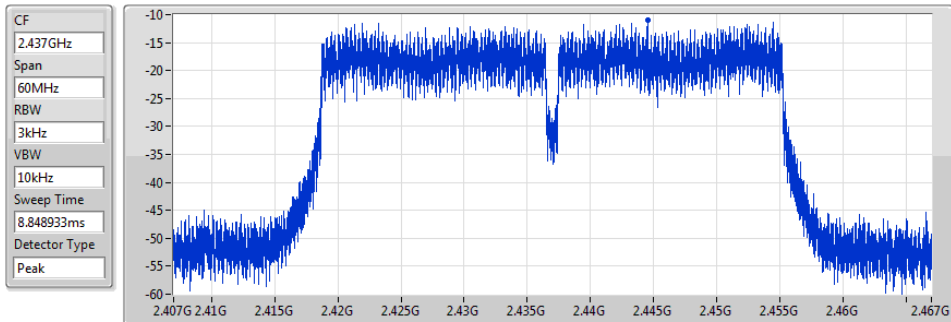
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.96	-13.96	-13.96

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

06/04/2021



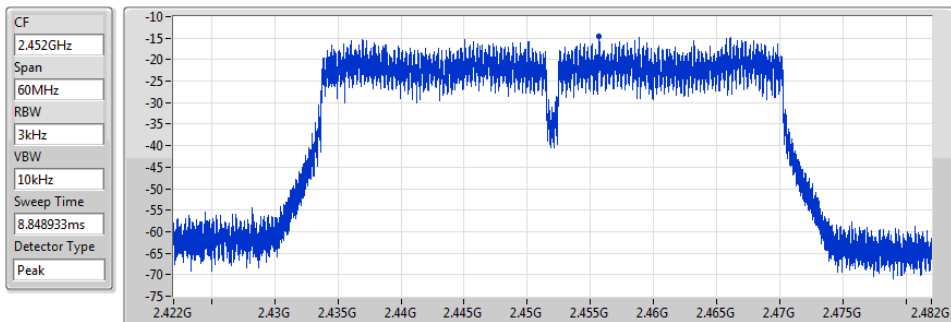
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.02	-11.02	-11.02

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

06/04/2021



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-14.67	-14.67	-14.67

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43849G	14.02	-15.98	2.16049G	-47.44	2.3995G	-31.00	2.4G	-36.19	2.48368G	-48.74	3.21465G	-38.94	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44446G	9.82	-20.18	2.16108G	-49.73	2.39922G	-30.84	2.4G	-36.98	2.50972G	-49.13	23.15412G	-43.70	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4395G	9.81	-20.19	2.14448G	-50.48	2.39998G	-31.74	2.4G	-38.58	2.51448G	-49.03	7.23514G	-42.40	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.45198G	4.21	-25.79	2.18346G	-48.89	2.39892G	-27.95	2.4G	-29.36	2.48418G	-31.69	24.11656G	-43.68	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43849G	14.02	-15.98	2.16049G	-47.44	2.3995G	-31.00	2.4G	-36.19	2.48368G	-48.74	3.21465G	-38.94	1
2437MHz	Pass	2.43849G	14.02	-15.98	1.62459G	-45.38	2.39934G	-38.65	2.4835G	-41.26	2.48852G	-38.79	3.24837G	-40.44	1
2462MHz	Pass	2.43849G	14.02	-15.98	1.64149G	-42.28	2.39672G	-49.75	2.4835G	-49.30	2.49182G	-46.15	3.28208G	-41.88	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44446G	9.82	-20.18	2.16108G	-49.73	2.39922G	-30.84	2.4G	-36.98	2.50972G	-49.13	23.15412G	-43.70	1
2437MHz	Pass	2.44446G	9.82	-20.18	2.19195G	-48.89	2.39924G	-34.74	2.4835G	-38.47	2.48446G	-35.71	3.24837G	-39.81	1
2462MHz	Pass	2.44446G	9.82	-20.18	1.64149G	-48.58	2.39326G	-50.67	2.4835G	-41.24	2.48406G	-40.89	23.49407G	-44.03	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	9.81	-20.19	2.14448G	-50.48	2.39998G	-31.74	2.4G	-38.58	2.51448G	-49.03	7.23514G	-42.40	1
2437MHz	Pass	2.4395G	9.81	-20.19	2.19923G	-47.72	2.39952G	-34.04	2.4835G	-33.53	2.4857G	-34.35	3.24837G	-38.68	1
2462MHz	Pass	2.4395G	9.81	-20.19	2.02943G	-51.10	2.39026G	-50.77	2.4835G	-49.60	2.48416G	-43.79	24.24985G	-44.16	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	4.21	-25.79	2.08012G	-50.50	2.39616G	-35.40	2.4G	-42.14	2.48554G	-45.91	15.29621G	-44.38	1
2437MHz	Pass	2.45198G	4.21	-25.79	2.18346G	-48.89	2.39892G	-27.95	2.4G	-29.36	2.48418G	-31.69	24.11656G	-43.68	1
2452MHz	Pass	2.45198G	4.21	-25.79	2.19834G	-51.40	2.39452G	-46.93	2.4835G	-45.97	2.48746G	-40.75	24.51762G	-44.54	1

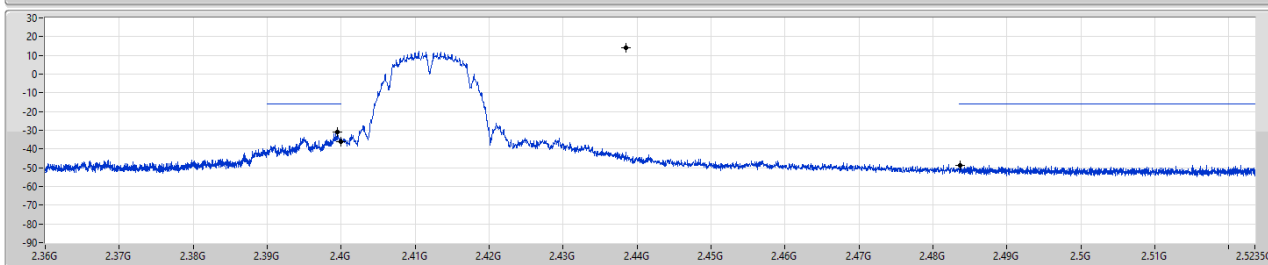
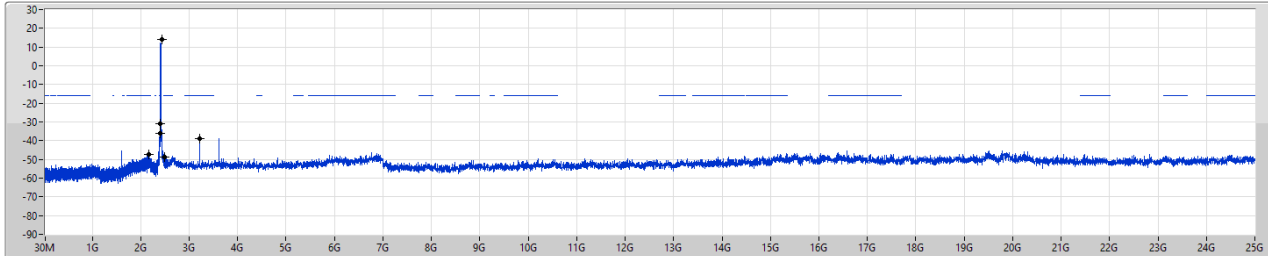
802.11b_Nss1,(1Mbps)_1TX

2412MHz

CSE NdB

01/04/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43849G	14.02	-15.98	2.16049G	-47.44	2.3995G	-31.00	2.4G	-36.19	2.48368G	-48.74	3.21465G	-38.94	1

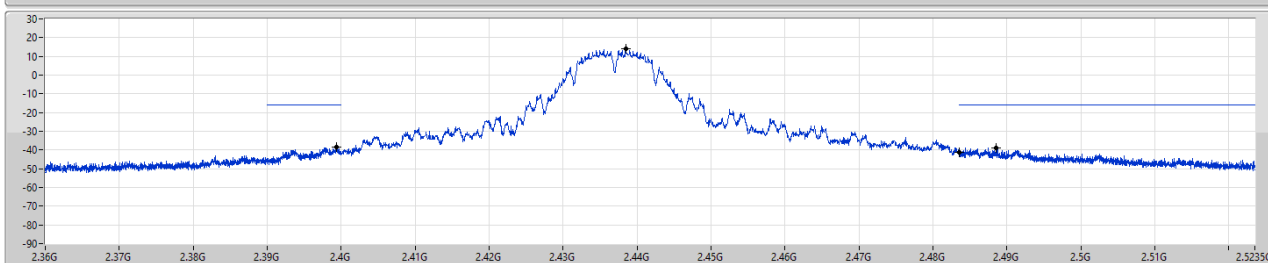
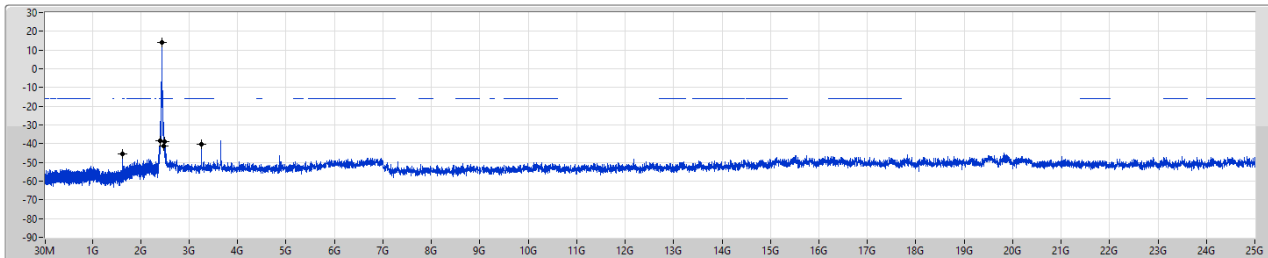
802.11b_Nss1,(1Mbps)_1TX

2437MHz

CSE NdB

01/04/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43849G	14.02	-15.98	1.62459G	-45.38	2.39934G	-38.65	2.4835G	-41.26	2.48852G	-38.79	3.24837G	-40.44	1

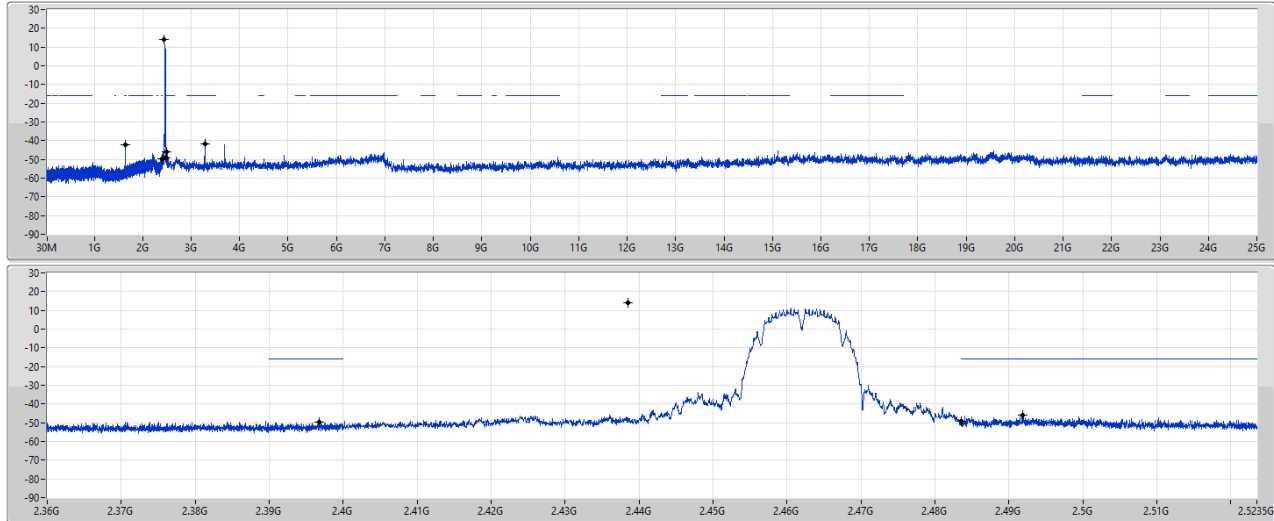
802.11b_Nss1,(1Mbps)_1TX

2462MHz

CSE NdB

02/04/2021

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43849G	14.02	-15.98	1.64149G	-42.28	2.39672G	-49.75	2.4835G	-49.30	2.49182G	-46.15	3.28208G	-41.88	1

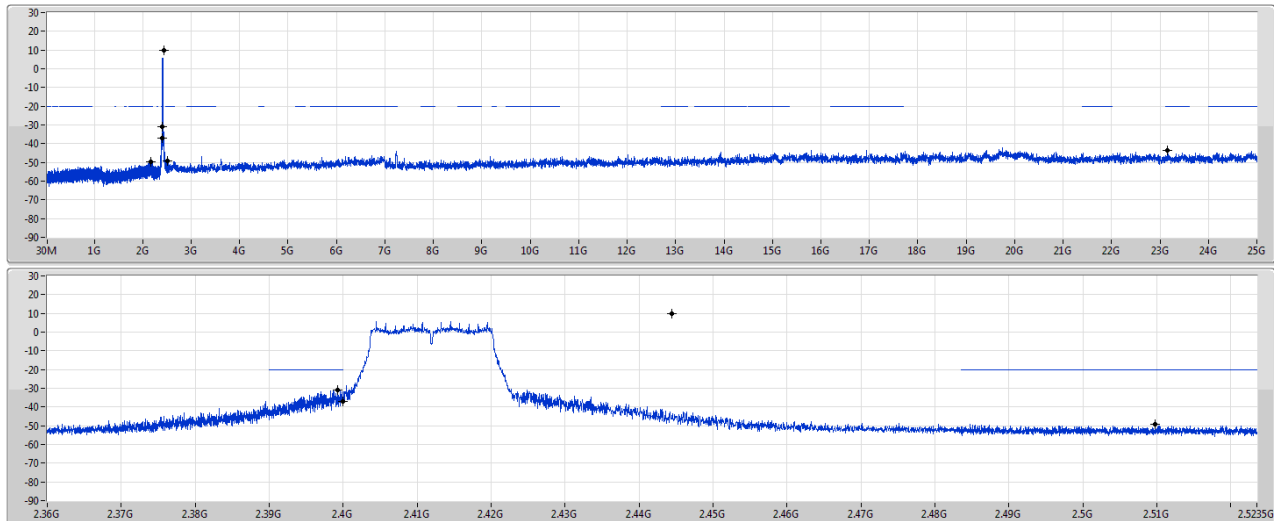
802.11g_Nss1,(6Mbps)_1TX

2412MHz

CSE NdB

06/04/2021

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	9.82	-20.18	2.16108G	-49.73	2.39922G	-30.84	2.4G	-36.98	2.50972G	-49.13	23.15412G	-43.70	1

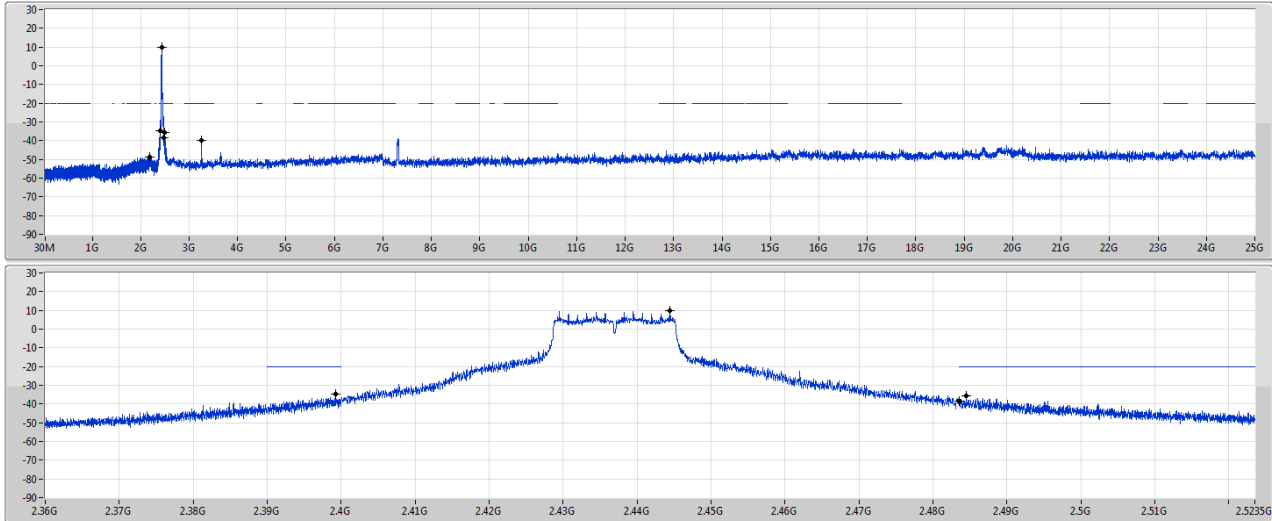
802.11g_Nss1,(6Mbps)_1TX

2437MHz

CSE NdB

06/04/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	9.82	-20.18	2.19195G	-48.89	2.39924G	-34.74	2.4835G	-38.47	2.48446G	-35.71	3.24837G	-39.81	1

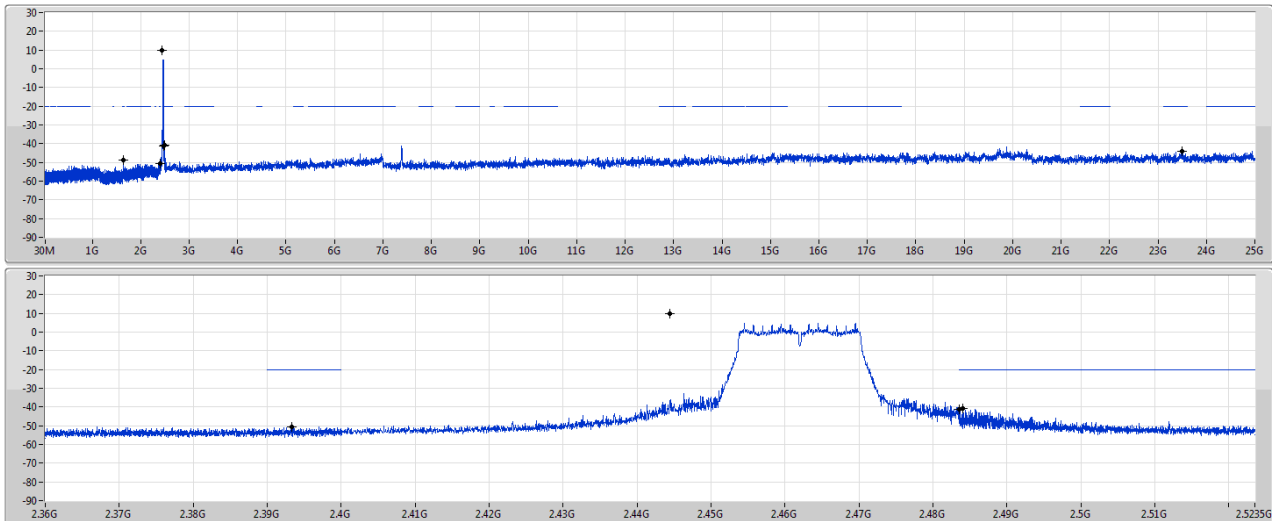
802.11g_Nss1,(6Mbps)_1TX

2462MHz

CSE NdB

06/04/2021

Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

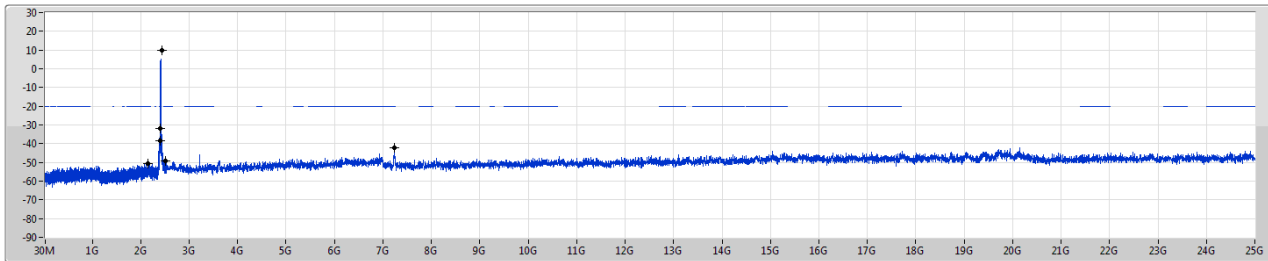
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	9.82	-20.18	1.64149G	-48.58	2.39326G	-50.67	2.4835G	-41.24	2.48406G	-40.89	2.49407G	-44.03	1

802.11n HT20_Nss1,(MCS0)_1TX

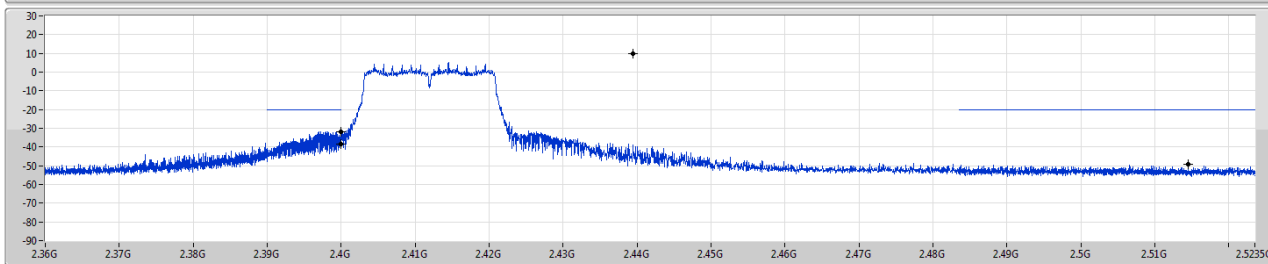
2412MHz

CSE NdB

06/04/2021



Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

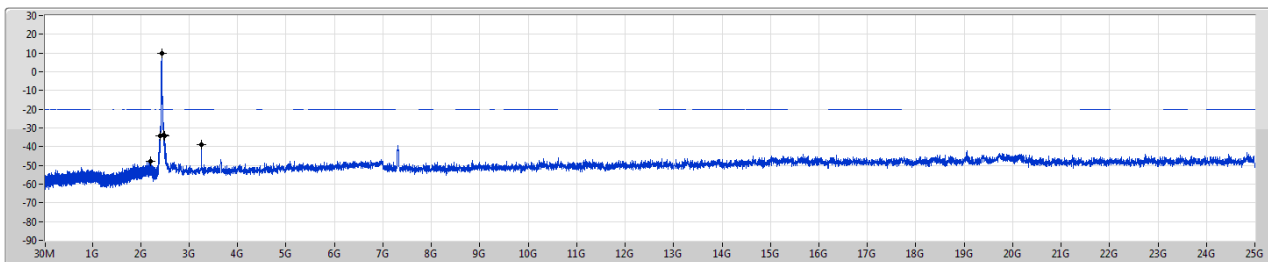
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	9.81	-20.19	2.14448G	-50.48	2.39998G	-31.74	2.4G	-38.58	2.51448G	-49.03	7.23514G	-42.40	1

802.11n HT20_Nss1,(MCS0)_1TX

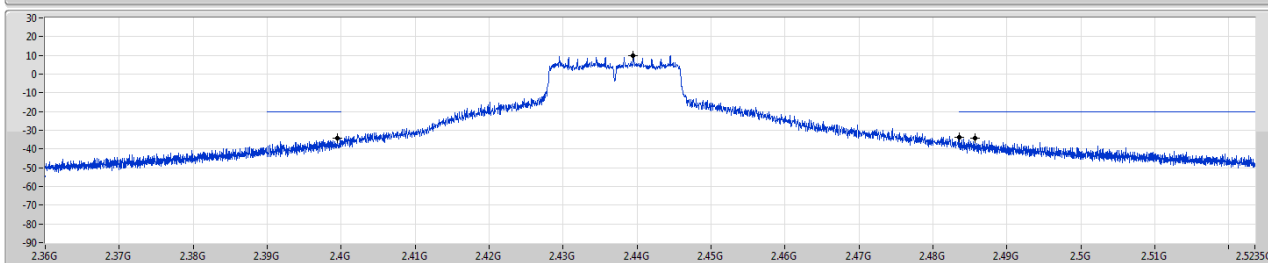
2437MHz

CSE NdB

06/04/2021



Port 1



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

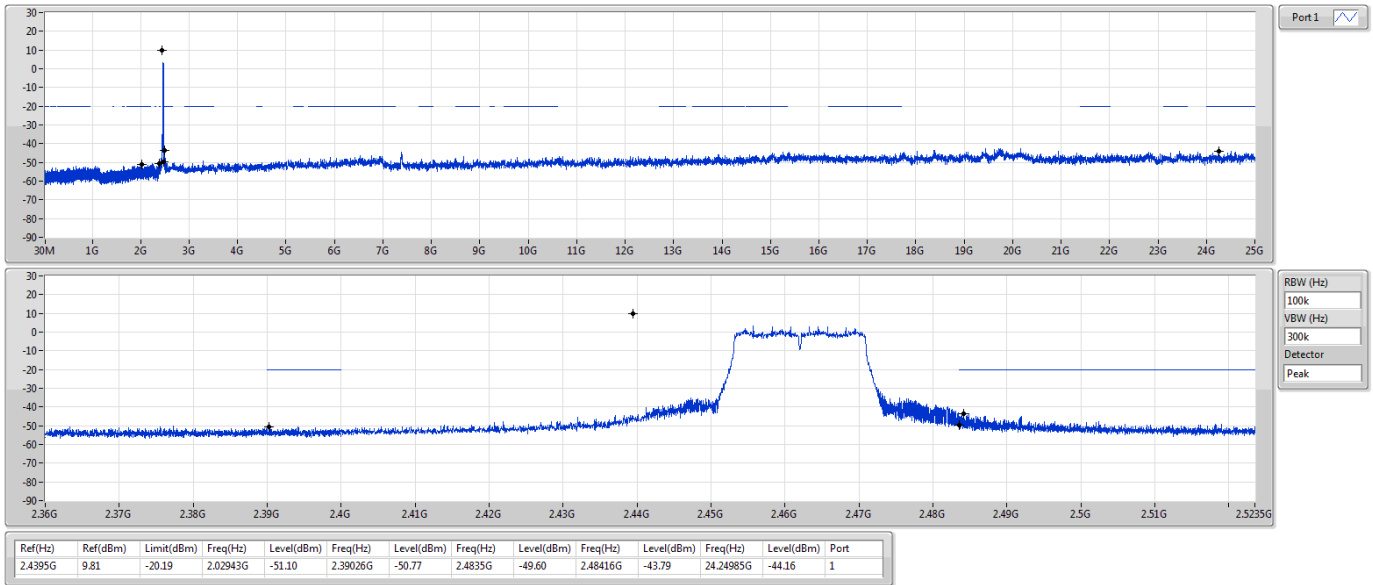
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	9.81	-20.19	2.19923G	-47.72	2.39952G	-34.04	2.4835G	-33.53	2.4857G	-34.35	3.24837G	-38.68	1

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz

CSE NdB

06/04/2021

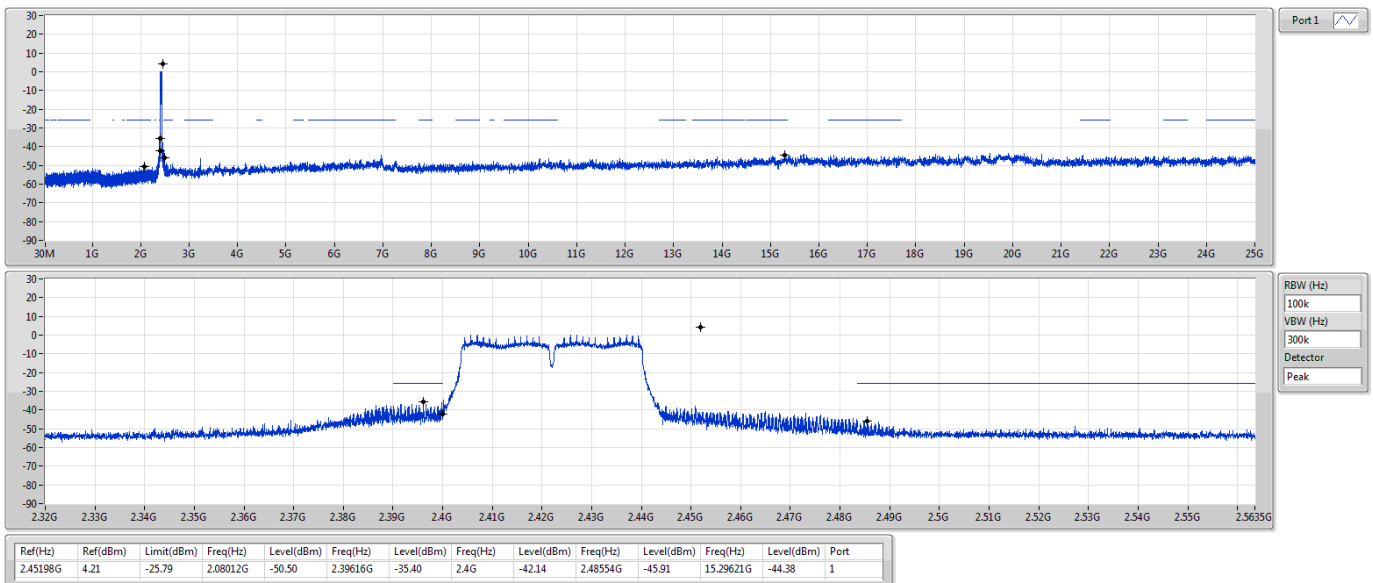


802.11n HT40_Nss1,(MCS0)_1TX

2422MHz

CSE NdB

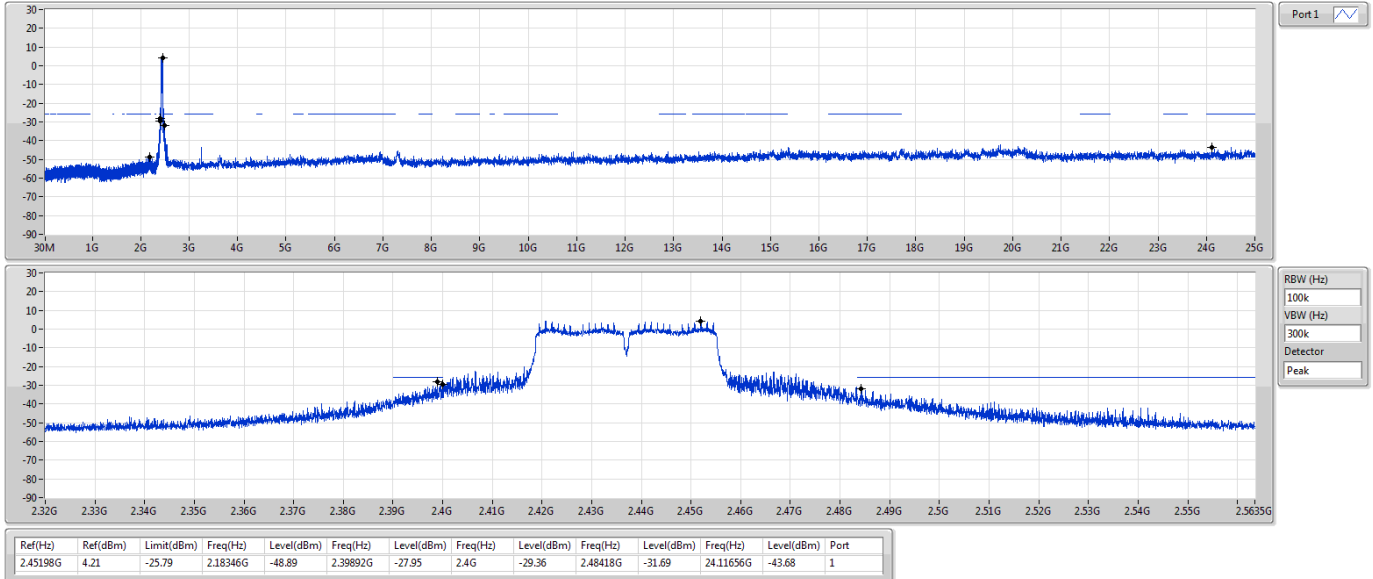
06/04/2021



802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

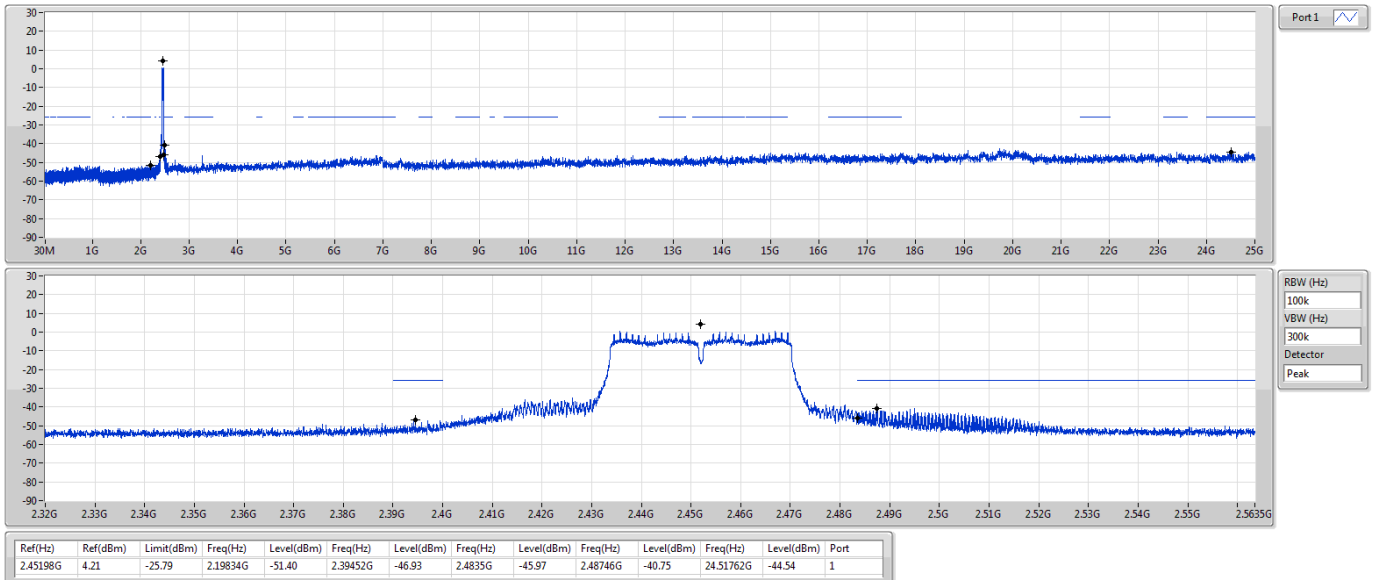
2437MHz



802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2452MHz



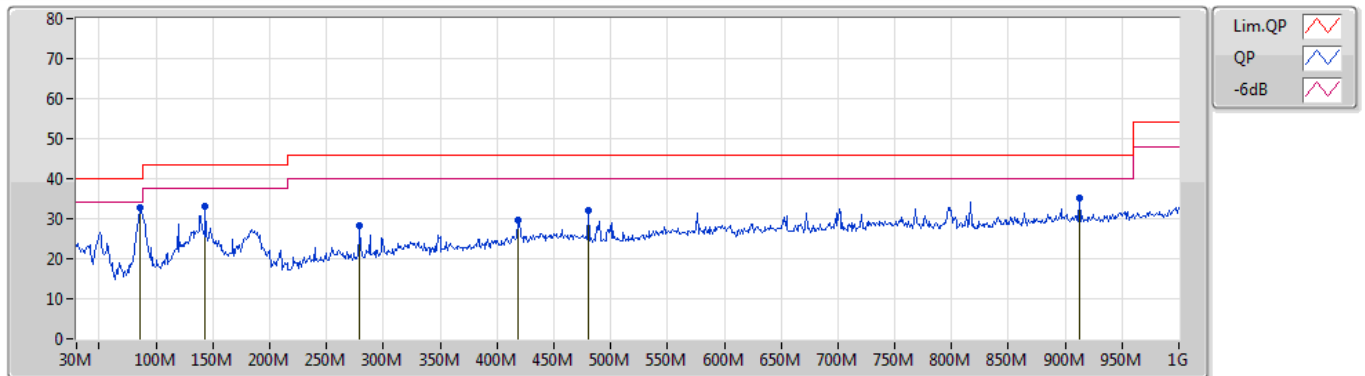


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	85.29M	36.27	40.00	-3.73	Horizontal

Mode 3

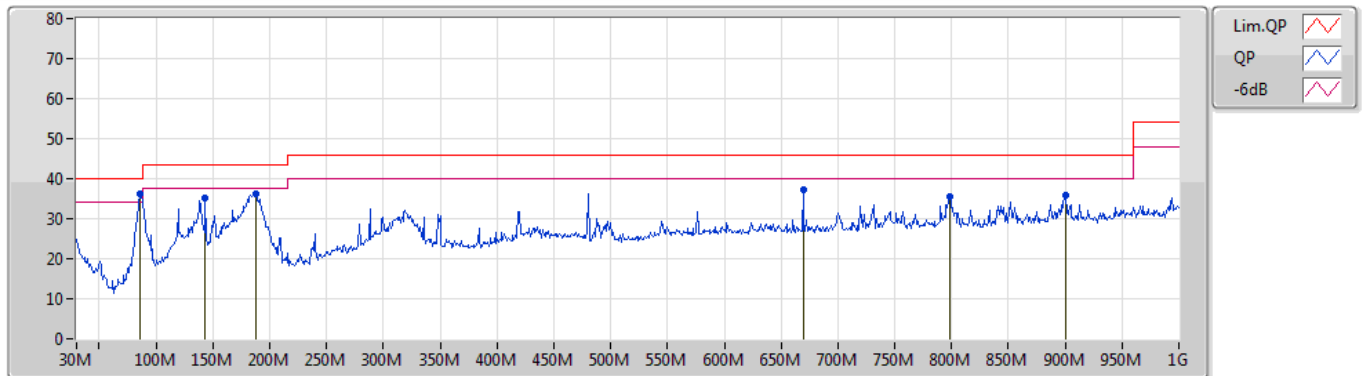
20/04/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	85.29M	32.59	40.00	-7.41	-17.22	3	Vertical	159	3.00	"Worst"	49.81	13.56	1.00	31.78
PK	143.49M	33.13	43.50	-10.37	-14.00	3	Vertical	272	1.00	-	47.13	16.64	1.32	31.96
PK	279.29M	28.25	46.00	-17.75	-11.27	3	Vertical	305	1.00	-	39.52	18.64	2.08	31.99
PK	418M	29.79	46.00	-16.21	-7.07	3	Vertical	172	1.50	-	36.86	22.45	2.64	32.16
PK	480.08M	32.24	46.00	-13.76	-6.39	3	Vertical	76	1.50	-	38.63	23.10	2.82	32.31
PK	912.7M	35.03	46.00	-10.97	-1.81	3	Vertical	56	1.50	-	36.84	26.18	4.30	32.29

Mode 3

20/04/2021



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	85.29M	36.27	40.00	-3.73	-17.22	3	Horizontal	220	2.00	"Worst"	53.49	13.56	1.00	31.78
PK	143.49M	35.17	43.50	-8.33	-14.00	3	Horizontal	228	2.00	-	49.17	16.64	1.32	31.96
PK	188.11M	36.04	43.50	-7.46	-15.56	3	Horizontal	193	2.00	-	51.60	14.75	1.58	31.89
PK	669.23M	37.25	46.00	-8.75	-4.57	3	Horizontal	328	1.50	-	41.82	24.54	3.38	32.49
PK	798.24M	35.55	46.00	-10.45	-2.93	3	Horizontal	249	1.25	-	38.48	25.56	3.79	32.28
PK	900.09M	36.01	46.00	-9.99	-1.83	3	Horizontal	318	1.25	-	37.84	26.22	4.30	32.35



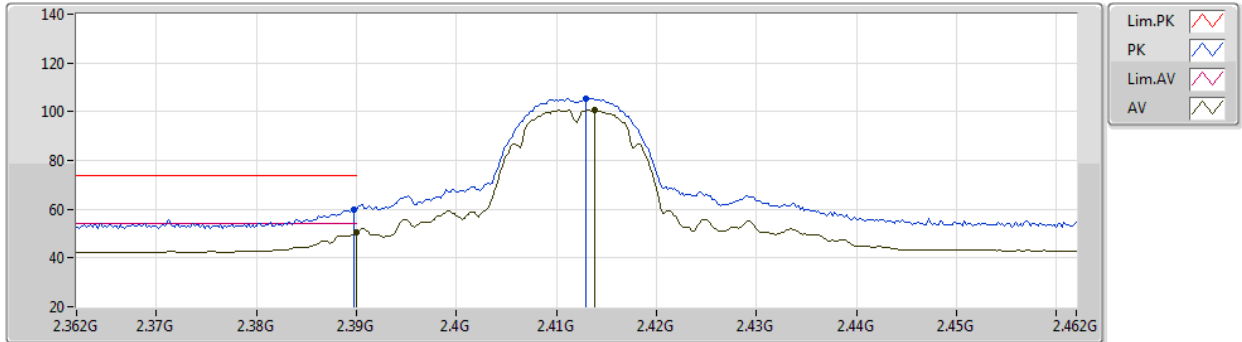
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	PK	2.484G	72.99	74.00	-1.01	3	Horizontal	9	2.83	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



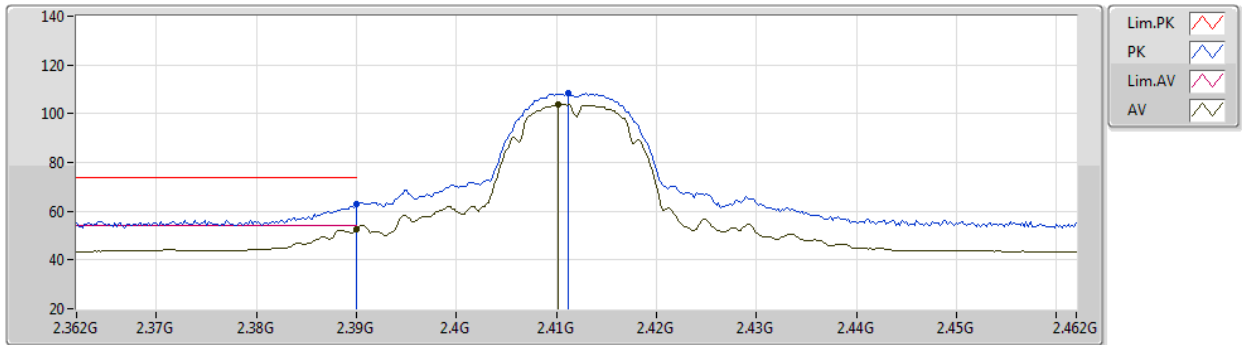
EUT_Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.79	74.00	-14.21	30.22	3	Vertical	70	2.95	-	27.38	2.19	-
AV	2.39G	50.53	54.00	-3.47	20.96	3	Vertical	70	2.95	-	27.38	2.19	-
PK	2.413G	105.42	Inf	-Inf	75.78	3	Vertical	70	2.95	-	27.43	2.21	-
AV	2.4138G	100.66	Inf	-Inf	71.02	3	Vertical	70	2.95	-	27.43	2.21	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



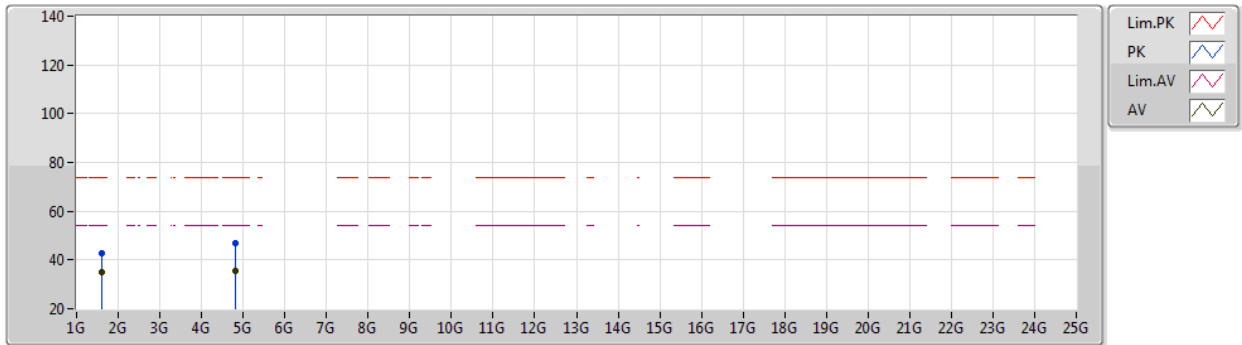
EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	62.81	74.00	-11.19	33.24	3	Horizontal	26	2.41	-	27.38	2.19	-
AV	2.39G	52.65	54.00	-1.35	23.08	3	Horizontal	26	2.41	-	27.38	2.19	-
PK	2.4112G	108.32	Inf	-Inf	78.69	3	Horizontal	26	2.41	-	27.42	2.21	-
AV	2.4102G	103.75	Inf	-Inf	74.12	3	Horizontal	26	2.41	-	27.42	2.21	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



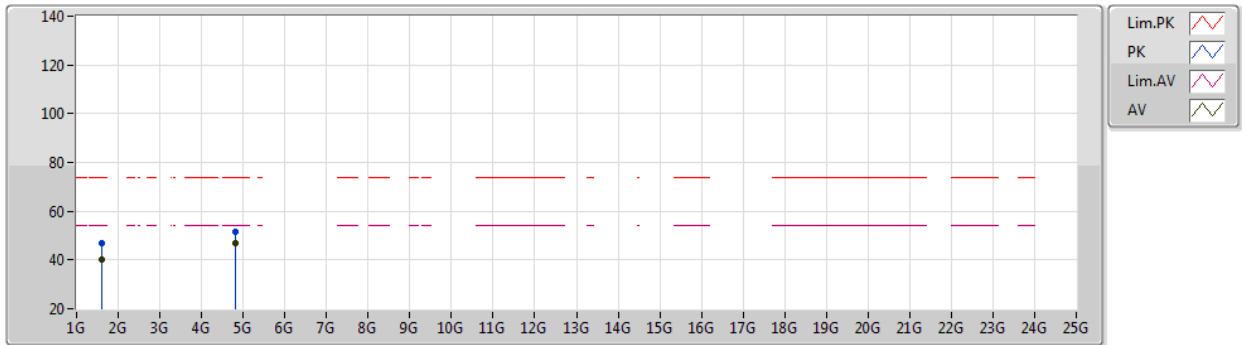
EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	1.60795G	42.53	74.00	-31.47	49.77	3	Vertical	85	2.34	-	25.23	2.51	34.98	
AV	1.60796G	35.02	54.00	-18.98	42.26	3	Vertical	85	2.34	-	25.23	2.51	34.98	
PK	4.82396G	46.76	74.00	-27.24	44.06	3	Vertical	17	1.80	-	32.24	5.01	34.55	
AV	4.82399G	35.55	54.00	-18.45	32.85	3	Vertical	17	1.80	-	32.24	5.01	34.55	

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



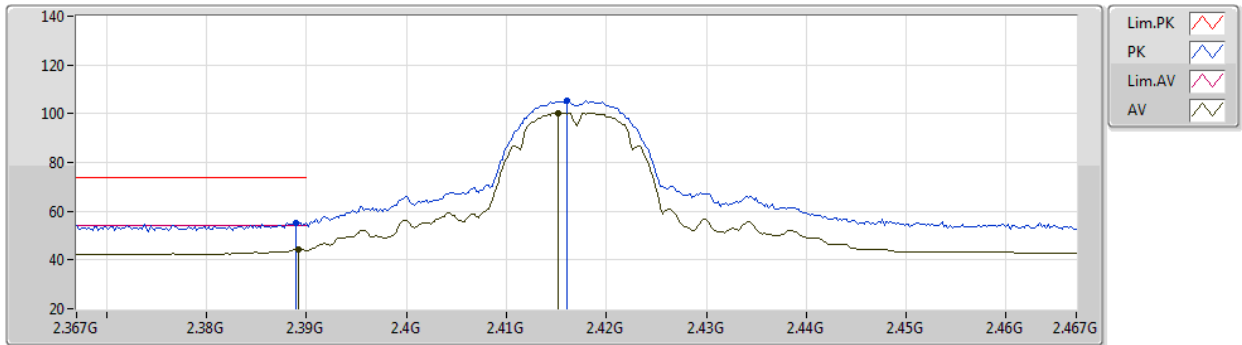
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Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	1.60802G	46.70	74.00	-27.30	53.94	3	Horizontal	35	1.75	-	25.23	2.51	34.98	
AV	1.608G	40.19	54.00	-13.81	47.43	3	Horizontal	35	1.75	-	25.23	2.51	34.98	
PK	4.82404G	51.59	74.00	-22.41	48.89	3	Horizontal	295	3.00	-	32.24	5.01	34.55	
AV	4.824G	46.79	54.00	-7.21	44.09	3	Horizontal	295	3.00	-	32.24	5.01	34.55	

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2417MHz_TX



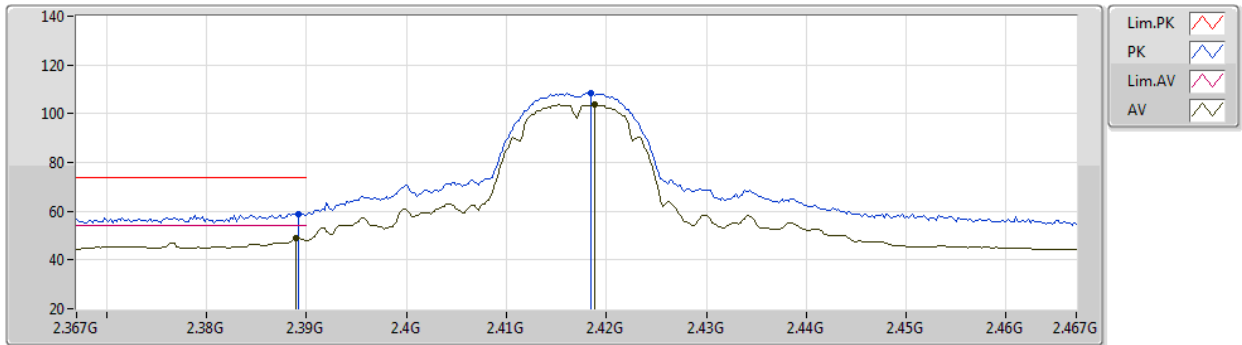
EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	55.42	74.00	-18.58	25.85	3	Vertical	70	2.93	-	27.38	2.19	-
AV	2.3892G	44.46	54.00	-9.54	14.89	3	Vertical	70	2.93	-	27.38	2.19	-
PK	2.416G	105.27	Inf	-Inf	75.62	3	Vertical	70	2.93	-	27.43	2.22	-
AV	2.4152G	100.43	Inf	-Inf	70.78	3	Vertical	70	2.93	-	27.43	2.22	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2417MHz_TX



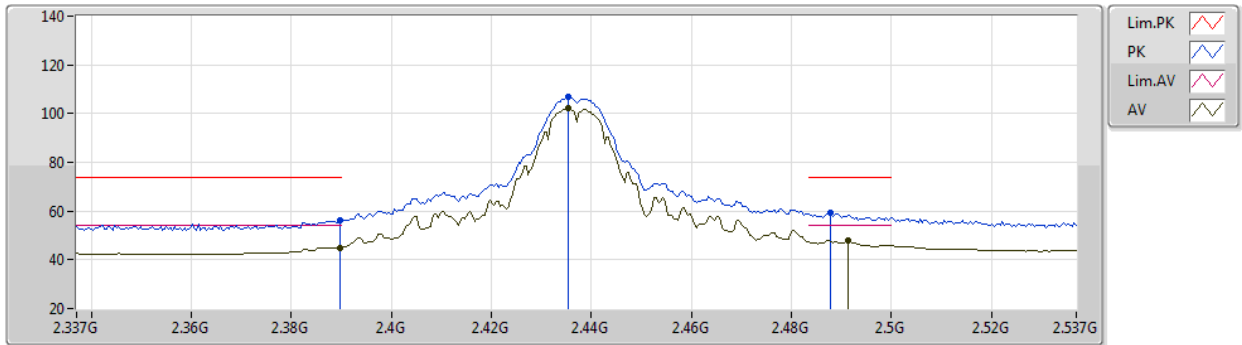
EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	59.01	74.00	-14.99	29.44	3	Horizontal	15	1.00	-	27.38	2.19	-
AV	2.389G	48.81	54.00	-5.19	19.24	3	Horizontal	15	1.00	-	27.38	2.19	-
PK	2.4184G	108.58	Inf	-Inf	78.92	3	Horizontal	15	1.00	-	27.44	2.22	-
AV	2.4188G	103.71	Inf	-Inf	74.05	3	Horizontal	15	1.00	-	27.44	2.22	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



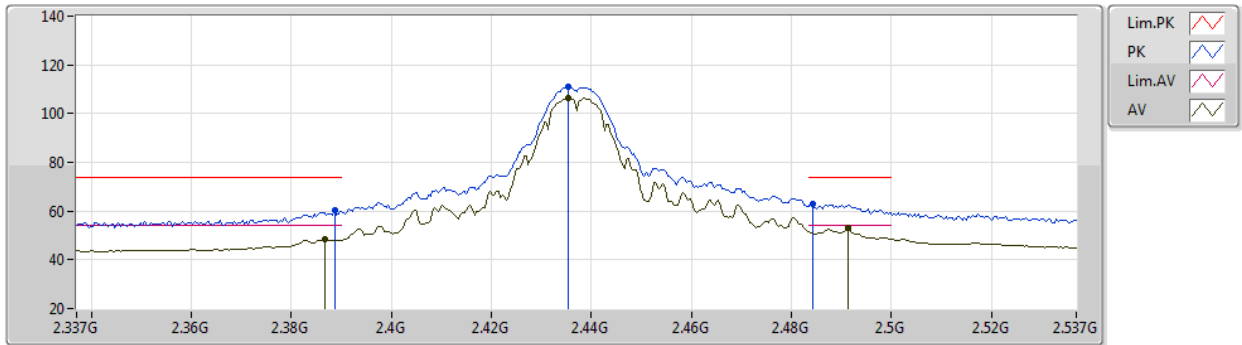
EUT Z_1TX
Setting 24
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	56.24	74.00	-17.76	26.67	3	Vertical	70	2.93	-	27.38	2.19	-
AV	2.3898G	45.01	54.00	-8.99	15.44	3	Vertical	70	2.93	-	27.38	2.19	-
PK	2.4354G	106.64	Inf	-Inf	76.93	3	Vertical	70	2.93	-	27.47	2.24	-
AV	2.4354G	102.16	Inf	-Inf	72.45	3	Vertical	70	2.93	-	27.47	2.24	-
PK	2.4878G	59.11	74.00	-14.89	29.09	3	Vertical	70	2.93	-	27.73	2.29	-
AV	2.4914G	47.88	54.00	-6.12	17.84	3	Vertical	70	2.93	-	27.75	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



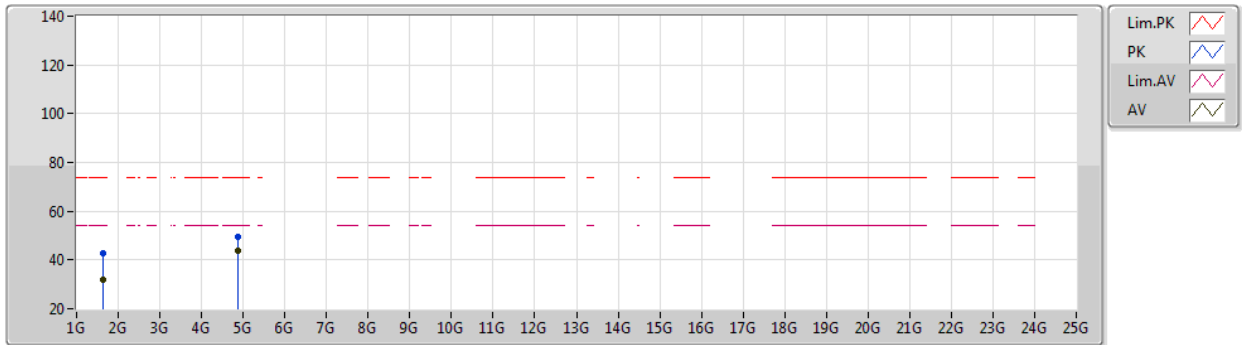
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Setting 24
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	60.19	74.00	-13.81	30.62	3	Horizontal	355	1.11	-	27.38	2.19	-
AV	2.3866G	48.19	54.00	-5.81	18.63	3	Horizontal	355	1.11	-	27.37	2.19	-
PK	2.4354G	110.84	Inf	-Inf	81.13	3	Horizontal	355	1.11	-	27.47	2.24	-
AV	2.4354G	106.57	Inf	-Inf	76.86	3	Horizontal	355	1.11	-	27.47	2.24	-
PK	2.4842G	62.98	74.00	-11.02	32.99	3	Horizontal	355	1.11	-	27.71	2.28	-
AV	2.4914G	52.89	54.00	-1.11	22.85	3	Horizontal	355	1.11	-	27.75	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



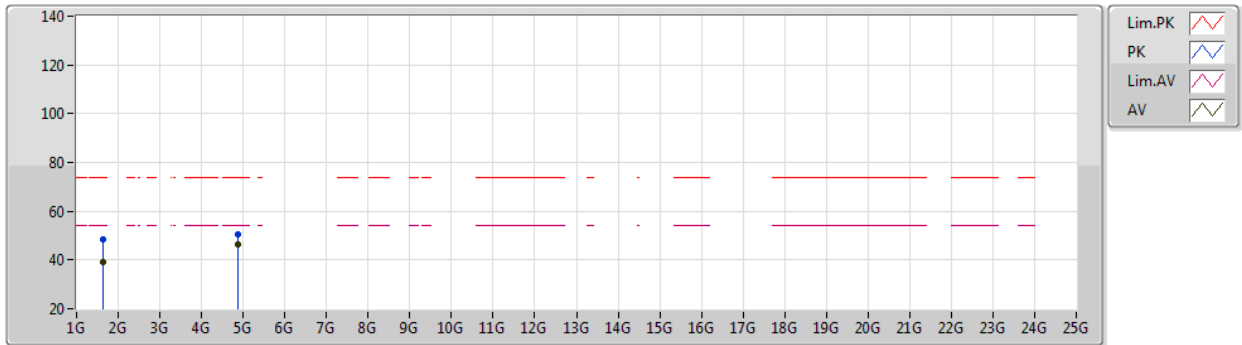
EUT Z_1TX
Setting 24
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	1.62457G	42.81	74.00	-31.19	49.96	3	Vertical	160	1.04	-	25.30	2.52	34.97
AV	1.62472G	32.11	54.00	-21.89	39.26	3	Vertical	160	1.04	-	25.30	2.52	34.97
PK	4.874G	49.24	74.00	-24.76	46.28	3	Vertical	335	2.47	-	32.45	5.04	34.53
AV	4.87404G	43.75	54.00	-10.25	40.79	3	Vertical	335	2.47	-	32.45	5.04	34.53

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



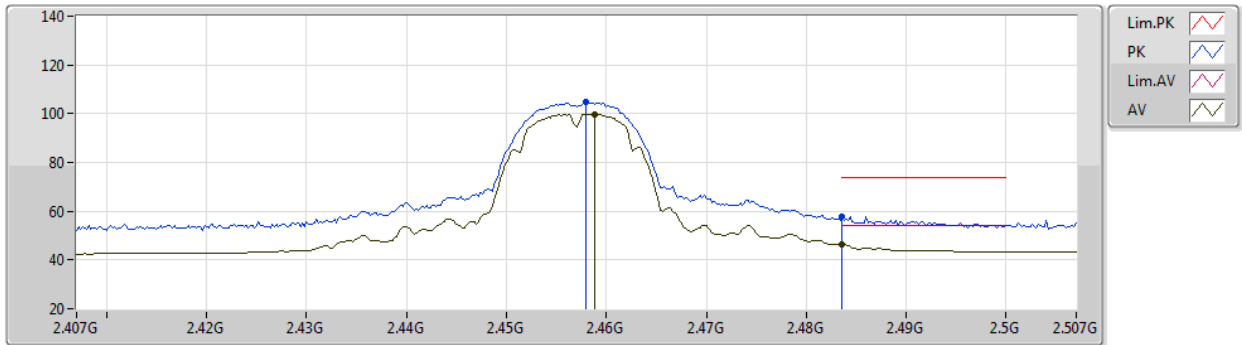
EUT Z_1TX
Setting 24
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	1.62463G	48.62	74.00	-25.38	55.77	3	Horizontal	206	1.28	-	25.30	2.52	34.97	
AV	1.62472G	39.32	54.00	-14.68	46.47	3	Horizontal	206	1.28	-	25.30	2.52	34.97	
PK	4.87406G	50.63	74.00	-23.37	47.67	3	Horizontal	285	1.05	-	32.45	5.04	34.53	
AV	4.87404G	46.44	54.00	-7.56	43.48	3	Horizontal	285	1.05	-	32.45	5.04	34.53	

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2457MHz_TX



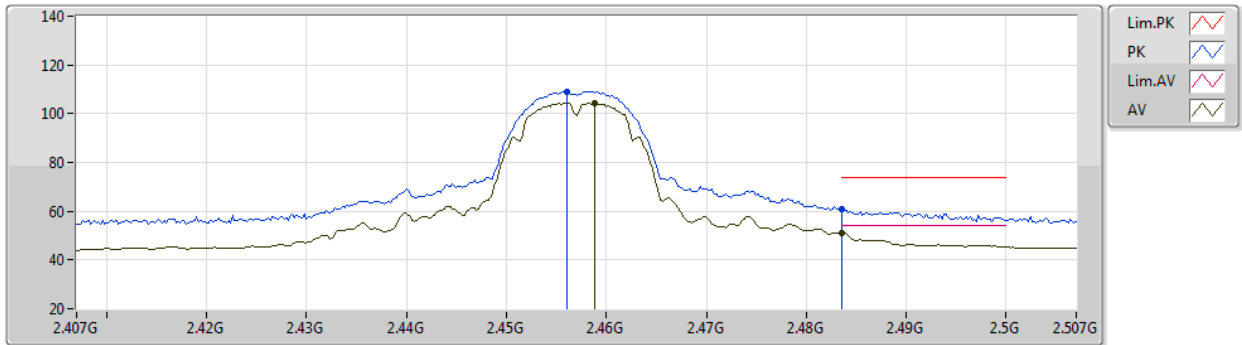
EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.458G	104.67	Inf	-Inf	74.86	3	Vertical	52	2.54	-	27.55	2.26	-
AV	2.4588G	99.81	Inf	-Inf	70.00	3	Vertical	52	2.54	-	27.55	2.26	-
PK	2.4836G	57.78	74.00	-16.22	27.80	3	Vertical	52	2.54	-	27.70	2.28	-
AV	2.4836G	46.33	54.00	-7.67	16.35	3	Vertical	52	2.54	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2457MHz_TX

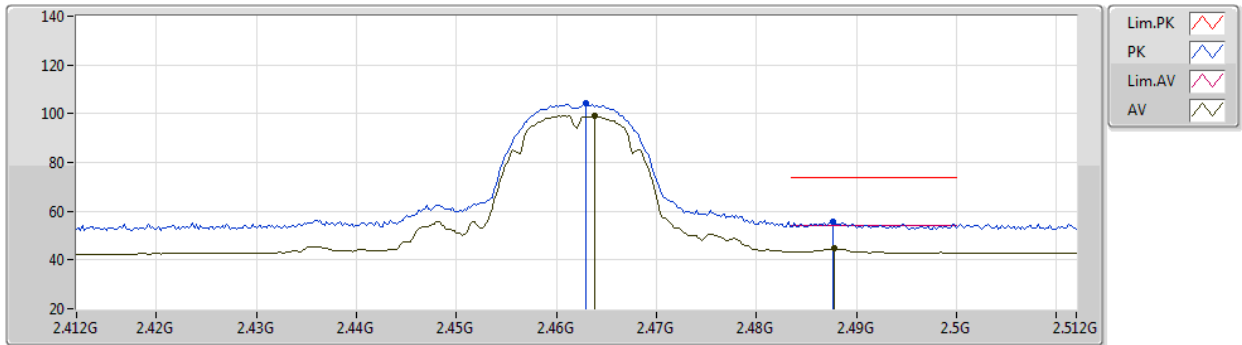

EUT Z_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.456G	109.17	Inf	-Inf	79.37	3	Horizontal	20	1.32	-	27.54	2.26	-
AV	2.4588G	104.40	Inf	-Inf	74.59	3	Horizontal	20	1.32	-	27.55	2.26	-
PK	2.4835G	60.88	74.00	-13.12	30.90	3	Horizontal	20	1.32	-	27.70	2.28	-
AV	2.4836G	51.15	54.00	-2.85	21.17	3	Horizontal	20	1.32	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



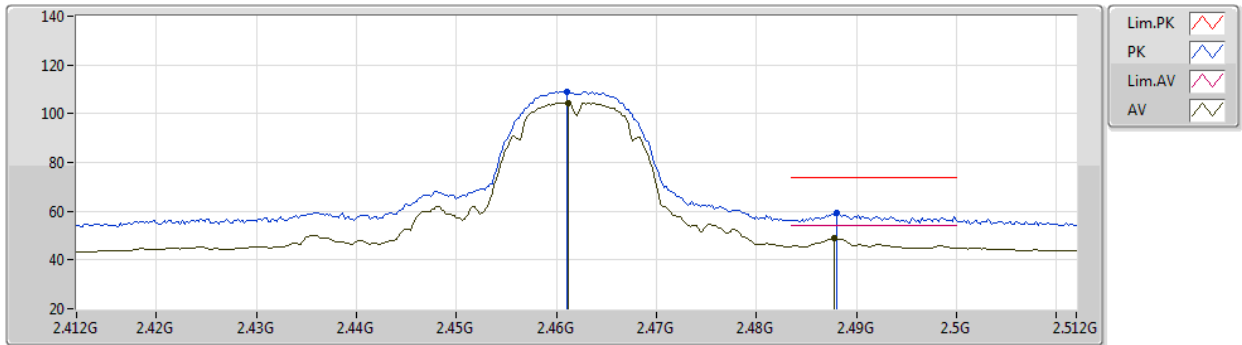
EUT Z_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	104.07	Inf	-Inf	74.23	3	Vertical	55	2.56	-	27.58	2.26	-
AV	2.4638G	99.01	Inf	-Inf	69.17	3	Vertical	55	2.56	-	27.58	2.26	-
PK	2.4876G	55.59	74.00	-18.41	25.57	3	Vertical	55	2.56	-	27.73	2.29	-
AV	2.4878G	44.63	54.00	-9.37	14.61	3	Vertical	55	2.56	-	27.73	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



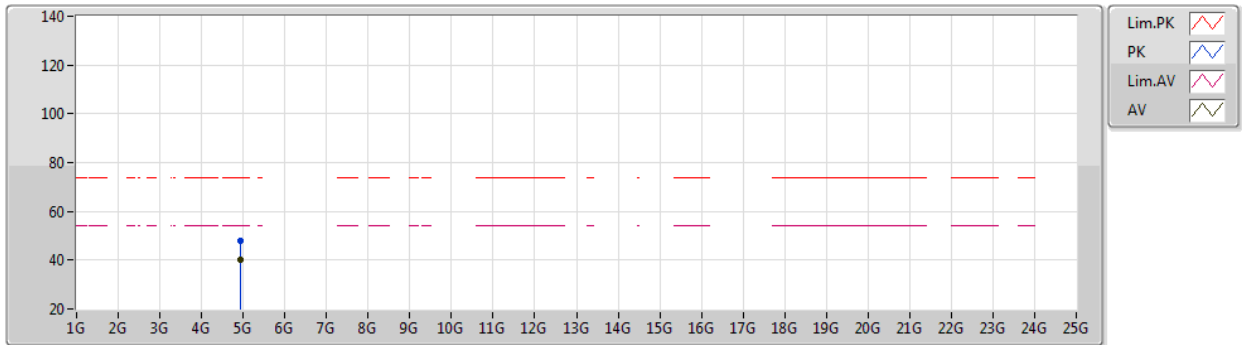
EUT Z_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.461G	109.15	Inf	-Inf	79.32	3	Horizontal	18	1.12	-	27.57	2.26	-
AV	2.4612G	104.41	Inf	-Inf	74.58	3	Horizontal	18	1.12	-	27.57	2.26	-
PK	2.488G	59.14	74.00	-14.86	29.12	3	Horizontal	18	1.12	-	27.73	2.29	-
AV	2.4878G	48.90	54.00	-5.10	18.88	3	Horizontal	18	1.12	-	27.73	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



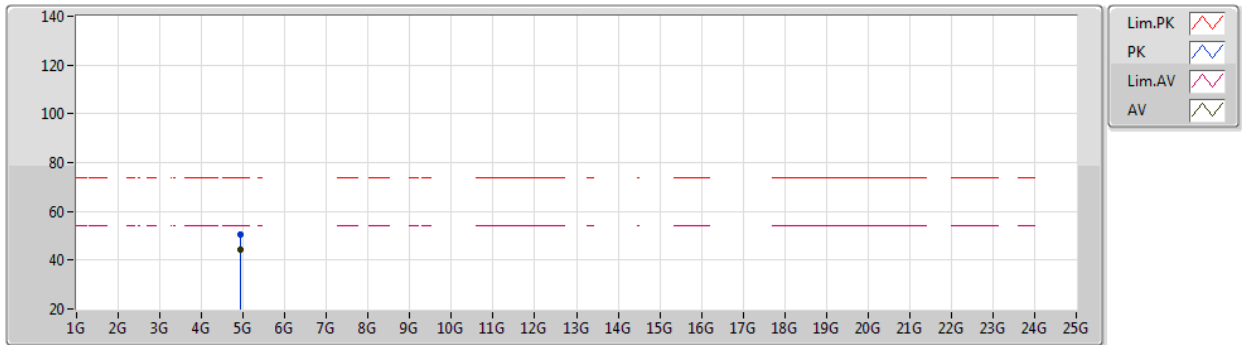
EUT Z_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92394G	47.89	74.00	-26.11	44.69	3	Vertical	274	2.59	-	32.64	5.06	34.50
AV	4.92401G	40.25	54.00	-13.75	37.05	3	Vertical	274	2.59	-	32.64	5.06	34.50

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



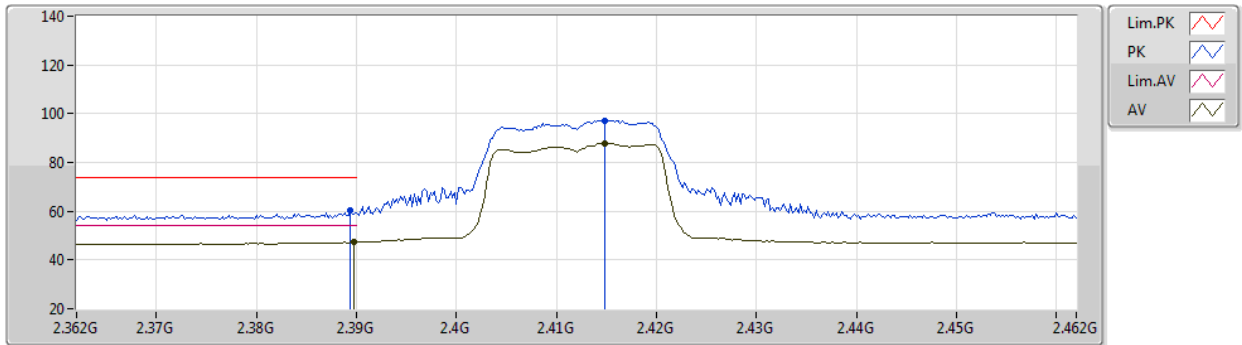
EUT Z_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92393G	50.27	74.00	-23.73	47.07	3	Horizontal	285	2.92	-	32.64	5.06	34.50
AV	4.924G	44.36	54.00	-9.64	41.16	3	Horizontal	285	2.92	-	32.64	5.06	34.50

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2412MHz_TX



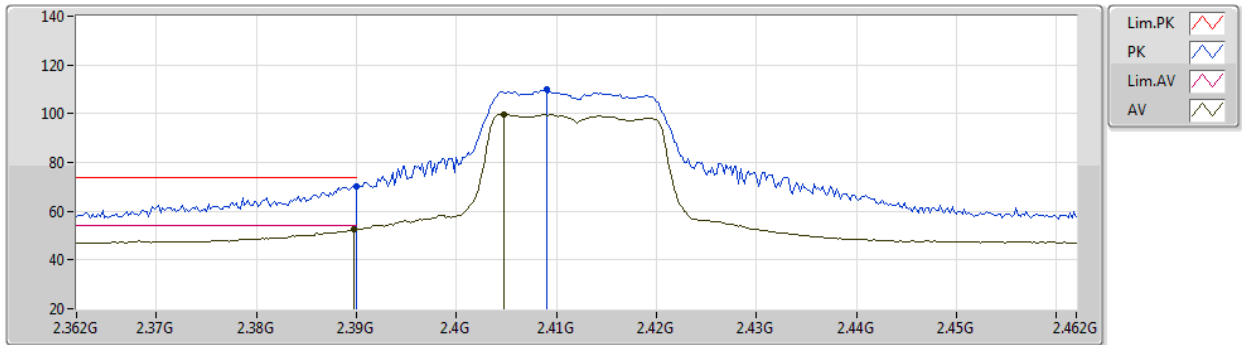
EUT Z_1TX
Setting 17
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	60.14	74.00	-13.86	29.43	3	Vertical	145	2.80	-	28.30	2.41	-
AV	2.3898G	47.38	54.00	-6.62	16.67	3	Vertical	145	2.80	-	28.30	2.41	-
PK	2.4148G	97.32	Inf	-Inf	66.58	3	Vertical	145	2.80	-	28.33	2.41	-
AV	2.4148G	87.85	Inf	-Inf	57.11	3	Vertical	145	2.80	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2412MHz_TX



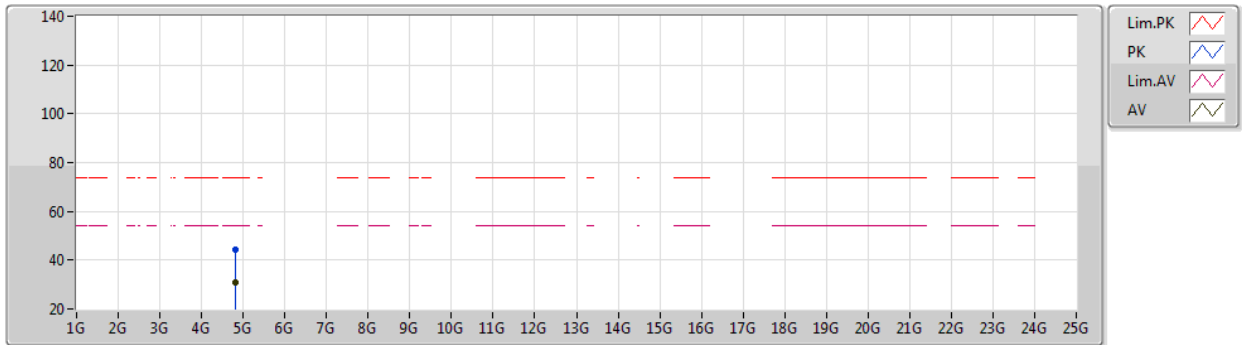
EUT Z_1TX
Setting 17
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	70.40	74.00	-3.60	39.70	3	Horizontal	23	2.68	-	28.30	2.40	-
AV	2.3898G	52.58	54.00	-1.42	21.87	3	Horizontal	23	2.68	-	28.30	2.41	-
PK	2.409G	109.81	Inf	-Inf	79.09	3	Horizontal	23	2.68	-	28.32	2.40	-
AV	2.4048G	99.87	Inf	-Inf	69.16	3	Horizontal	23	2.68	-	28.31	2.40	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2412MHz_TX



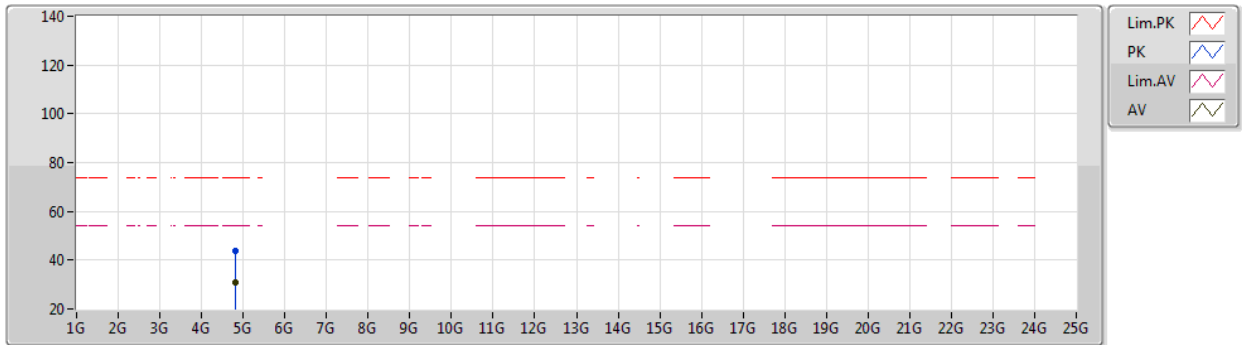
EUT_Z_1TX
Setting 17
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82628G	44.16	74.00	-29.84	38.33	3	Vertical	43	2.75	-	32.91	4.70	31.78
AV	4.82358G	30.95	54.00	-23.05	25.14	3	Vertical	43	2.75	-	32.89	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2412MHz_TX



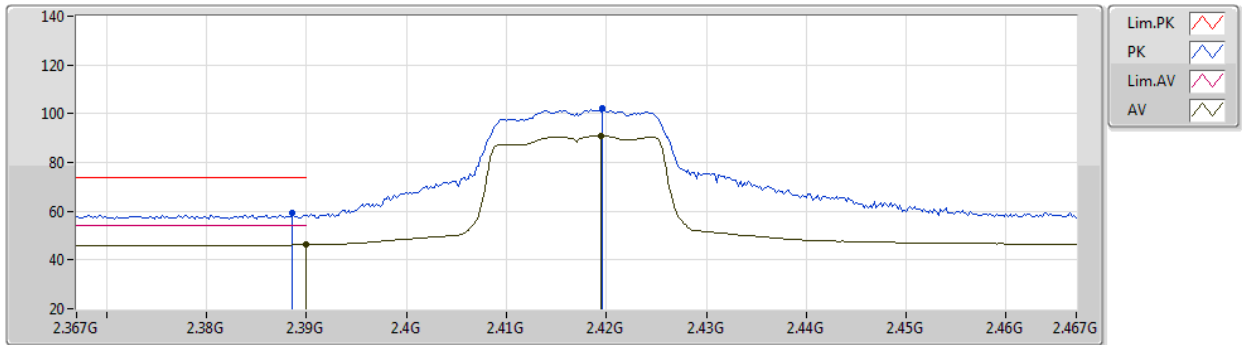
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Setting 17
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.81416G	43.83	74.00	-30.17	38.04	3	Horizontal	295	1.80	-	32.86	4.70	31.77
AV	4.82544G	30.91	54.00	-23.09	25.09	3	Horizontal	295	1.80	-	32.90	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2417MHz_TX



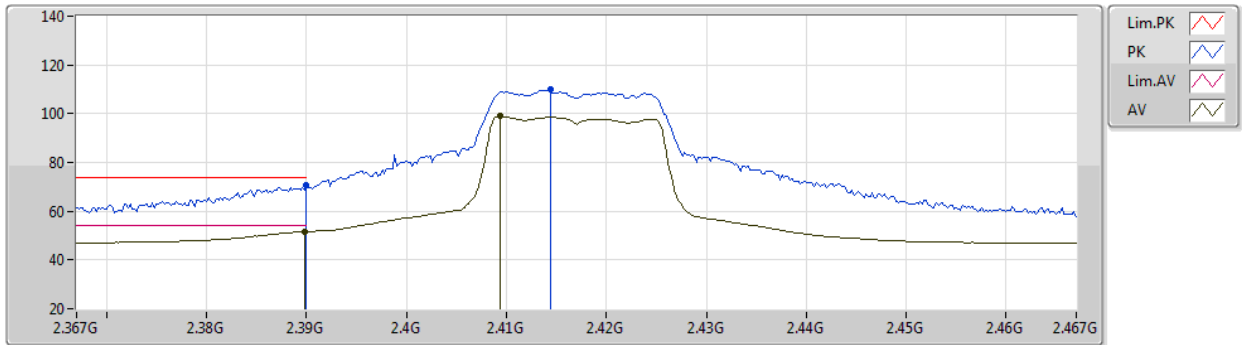
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Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	59.49	74.00	-14.51	28.78	3	Vertical	116	2.90	-	28.30	2.41	-
AV	2.39G	46.23	54.00	-7.77	15.52	3	Vertical	116	2.90	-	28.30	2.41	-
PK	2.4196G	102.15	Inf	-Inf	71.40	3	Vertical	116	2.90	-	28.34	2.41	-
AV	2.4194G	90.85	Inf	-Inf	60.10	3	Vertical	116	2.90	-	28.34	2.41	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2417MHz_TX



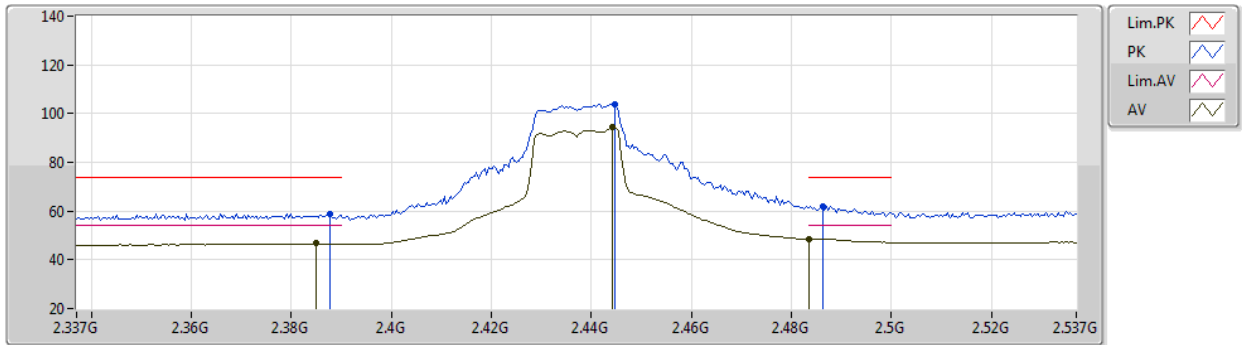
EUT Z_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	70.44	74.00	-3.56	39.73	3	Horizontal	21	2.68	-	28.30	2.41	-
AV	2.3898G	51.66	54.00	-2.34	20.95	3	Horizontal	21	2.68	-	28.30	2.41	-
PK	2.4144G	109.90	Inf	-Inf	79.16	3	Horizontal	21	2.68	-	28.33	2.41	-
AV	2.4094G	98.99	Inf	-Inf	68.27	3	Horizontal	21	2.68	-	28.32	2.40	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2437MHz_TX

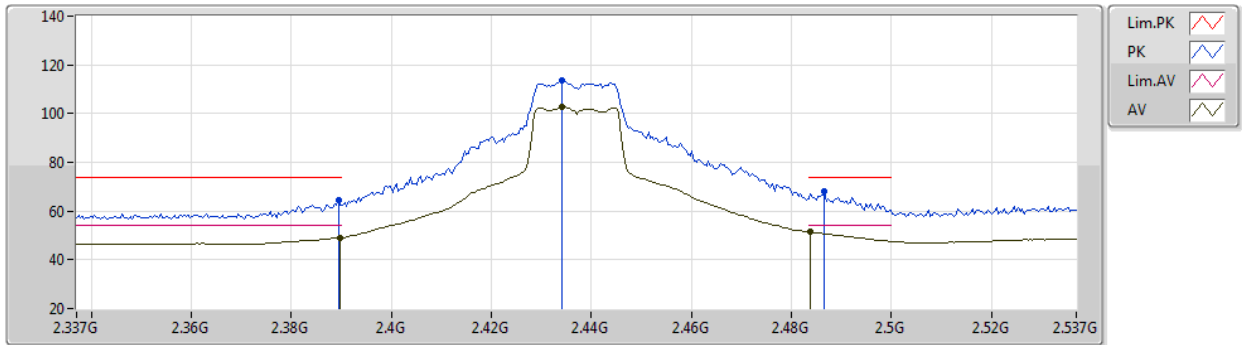

EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3878G	58.83	74.00	-15.17	28.12	3	Vertical	109	2.86	-	28.30	2.41	-
AV	2.385G	46.67	54.00	-7.33	15.96	3	Vertical	109	2.86	-	28.30	2.41	-
PK	2.4446G	104.04	Inf	-Inf	73.23	3	Vertical	109	2.86	-	28.39	2.42	-
AV	2.4442G	94.25	Inf	-Inf	63.44	3	Vertical	109	2.86	-	28.39	2.42	-
PK	2.4862G	62.13	74.00	-11.87	31.15	3	Vertical	109	2.86	-	28.54	2.44	-
AV	2.4835G	48.54	54.00	-5.46	17.57	3	Vertical	109	2.86	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2437MHz_TX



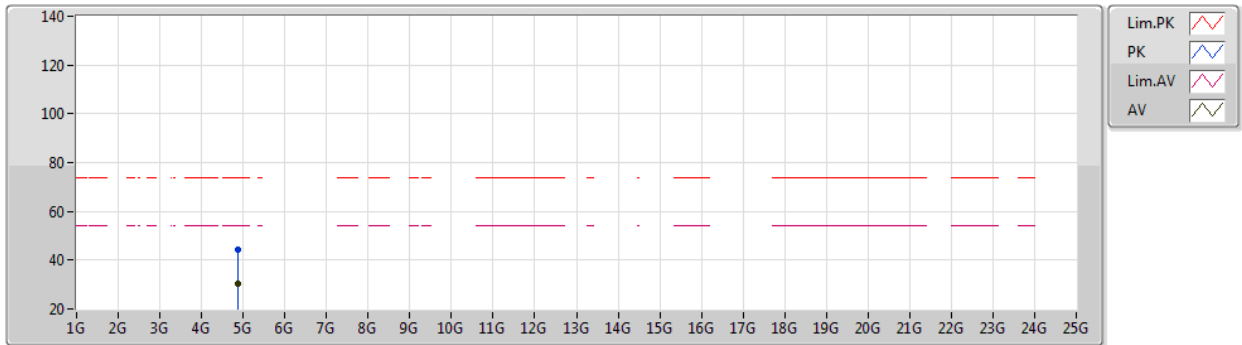
EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	64.58	74.00	-9.42	33.87	3	Horizontal	4	2.90	-	28.30	2.41	-
AV	2.3898G	48.93	54.00	-5.07	18.22	3	Horizontal	4	2.90	-	28.30	2.41	-
PK	2.4342G	113.56	Inf	-Inf	82.77	3	Horizontal	4	2.90	-	28.37	2.42	-
AV	2.4342G	102.56	Inf	-Inf	71.77	3	Horizontal	4	2.90	-	28.37	2.42	-
PK	2.4866G	68.27	74.00	-5.73	37.28	3	Horizontal	4	2.90	-	28.55	2.44	-
AV	2.4838G	51.31	54.00	-2.69	20.33	3	Horizontal	4	2.90	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2437MHz_TX



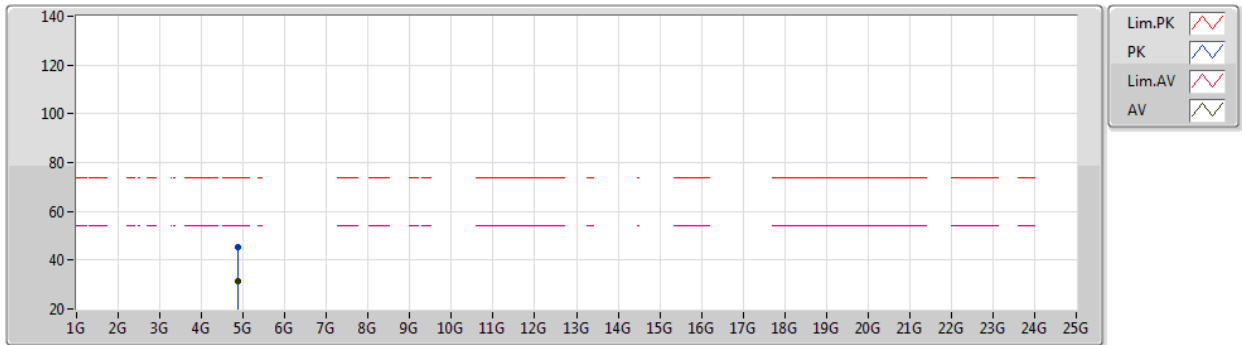
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Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86962G	44.35	74.00	-29.65	38.36	3	Vertical	28	1.80	-	33.08	4.70	31.79
AV	4.87502G	30.39	54.00	-23.61	24.39	3	Vertical	28	1.80	-	33.10	4.70	31.80

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2437MHz_TX



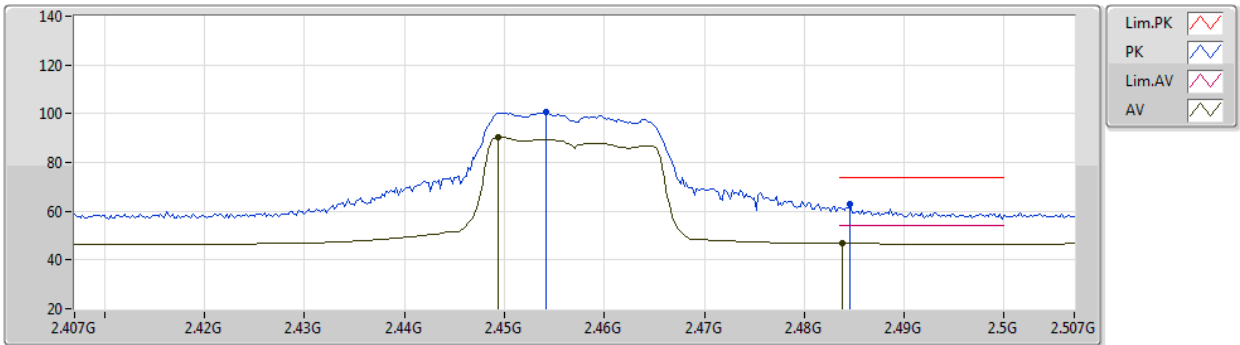
EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86992G	45.18	74.00	-28.82	39.19	3	Horizontal	218	2.29	-	33.08	4.70	31.79
AV	4.874G	31.17	54.00	-22.83	25.16	3	Horizontal	218	2.29	-	33.10	4.70	31.79

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2457MHz_TX



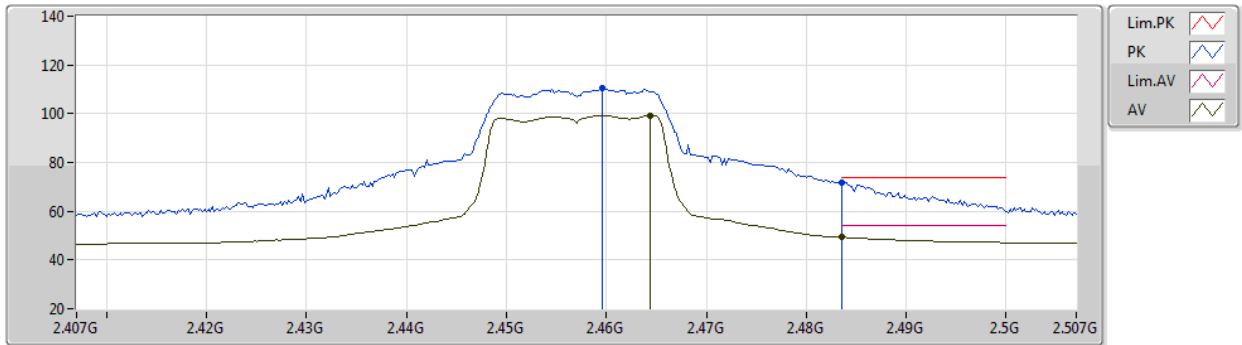
EUT Z_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4542G	100.53	Inf	-Inf	69.68	3	Vertical	107	2.86	-	28.42	2.43	-
AV	2.4494G	90.36	Inf	-Inf	59.54	3	Vertical	107	2.86	-	28.40	2.42	-
PK	2.4846G	62.97	74.00	-11.03	31.99	3	Vertical	107	2.86	-	28.54	2.44	-
AV	2.4838G	46.75	54.00	-7.25	15.77	3	Vertical	107	2.86	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2457MHz_TX

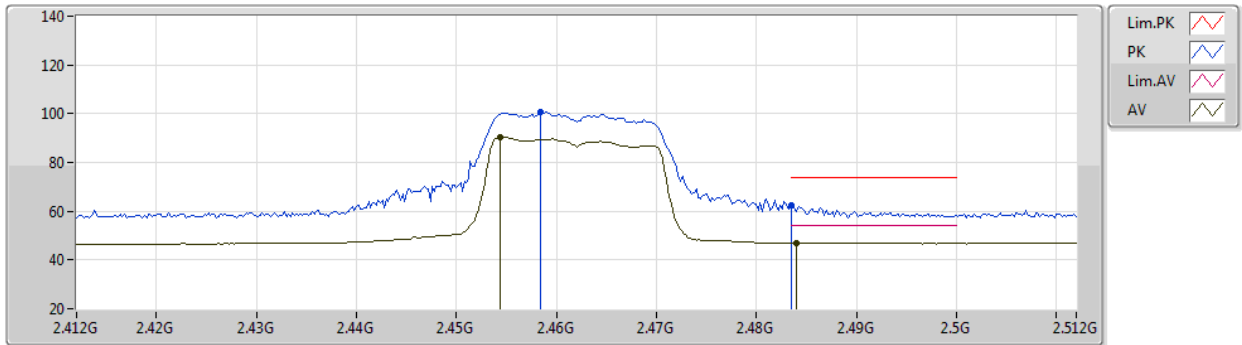

EUT Z_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4596G	110.60	Inf	-Inf	79.73	3	Horizontal	4	2.85	-	28.44	2.43	-
AV	2.4644G	99.26	Inf	-Inf	68.37	3	Horizontal	4	2.85	-	28.46	2.43	-
PK	2.4836G	71.94	74.00	-2.06	40.97	3	Horizontal	4	2.85	-	28.53	2.44	-
AV	2.4835G	49.27	54.00	-4.73	18.30	3	Horizontal	4	2.85	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2462MHz_TX



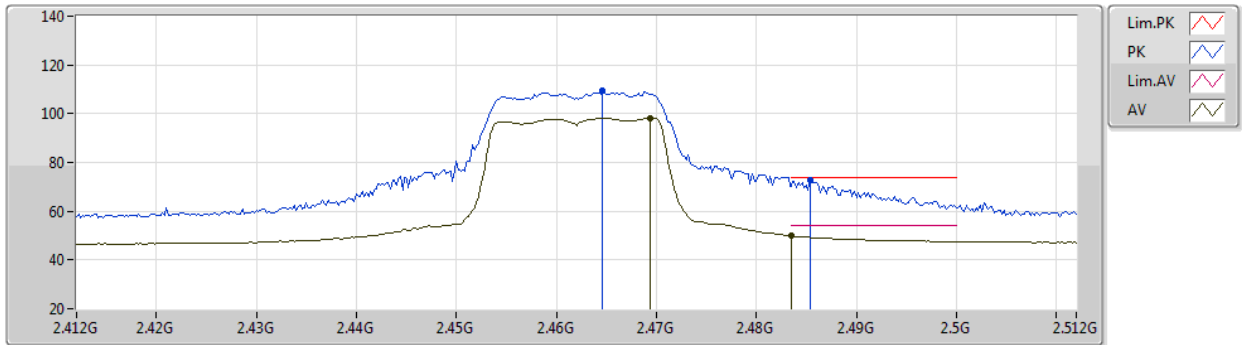
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Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4584G	100.64	Inf	-Inf	69.78	3	Vertical	108	2.87	-	28.43	2.43	-
AV	2.4544G	90.33	Inf	-Inf	59.48	3	Vertical	108	2.87	-	28.42	2.43	-
PK	2.4835G	62.36	74.00	-11.64	31.39	3	Vertical	108	2.87	-	28.53	2.44	-
AV	2.484G	46.89	54.00	-7.11	15.91	3	Vertical	108	2.87	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2462MHz_TX



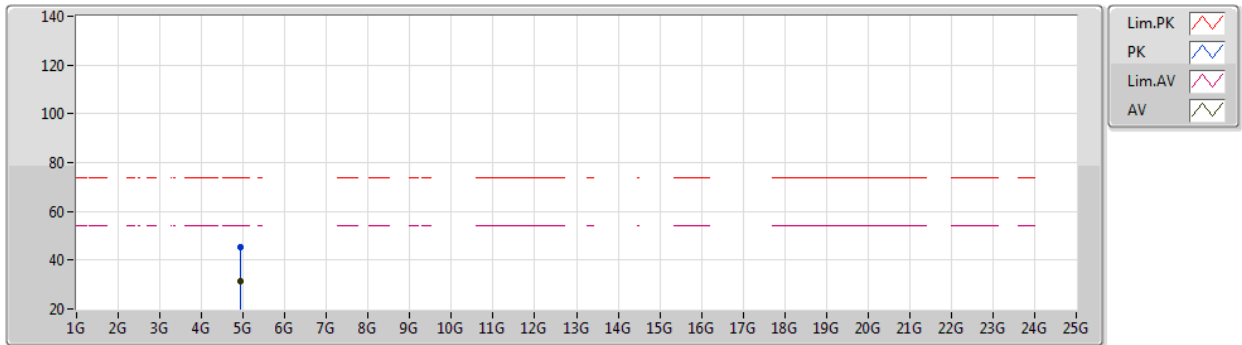
EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4646G	109.39	Inf	-Inf	78.50	3	Horizontal	17	2.83	-	28.46	2.43	-
AV	2.4694G	98.28	Inf	-Inf	67.37	3	Horizontal	17	2.83	-	28.48	2.43	-
AV	2.4835G	49.78	54.00	-4.22	18.81	3	Horizontal	17	2.83	-	28.53	2.44	-
PK	2.4854G	72.64	74.00	-1.36	41.66	3	Horizontal	17	2.83	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2462MHz_TX



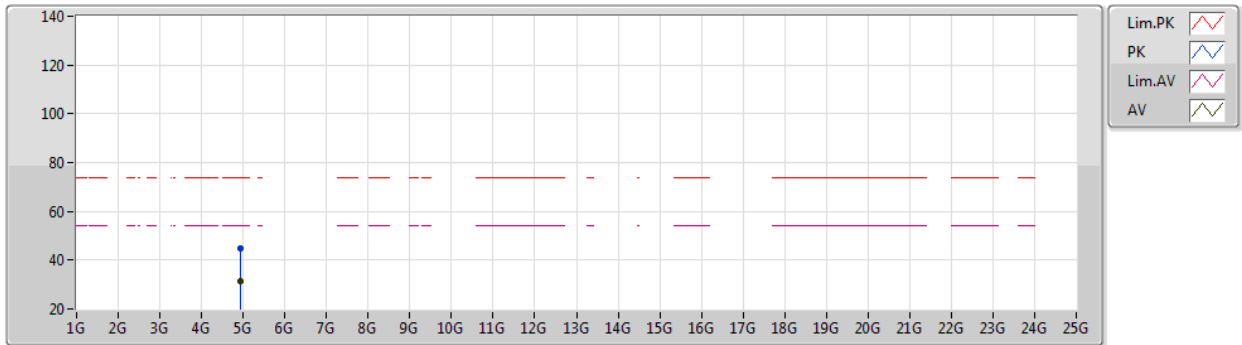
EUT_Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.93264G	45.32	74.00	-28.68	39.24	3	Vertical	285	1.62	-	33.20	4.70	31.82
AV	4.92394G	31.55	54.00	-22.45	25.46	3	Vertical	285	1.62	-	33.20	4.70	31.81

802.11g_Nss1,(6Mbps)_1TX

16/03/2021

2462MHz_TX



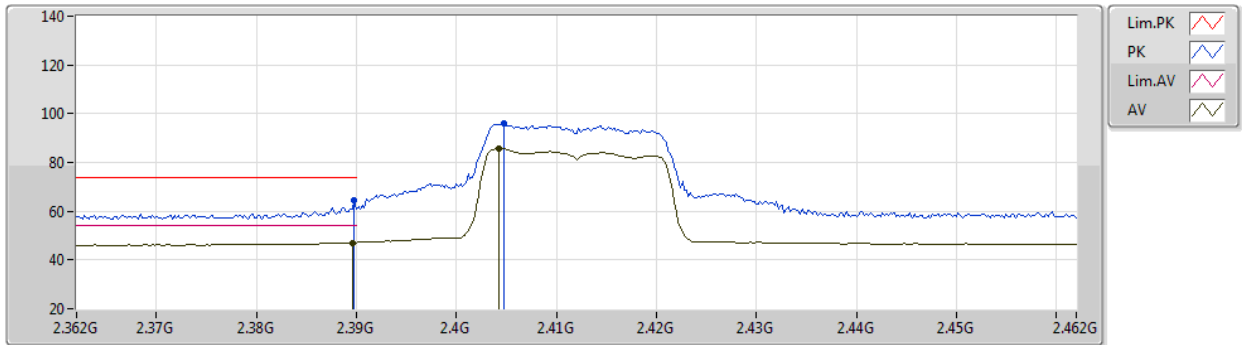
EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92292G	44.79	74.00	-29.21	38.70	3	Horizontal	359	2.27	-	33.20	4.70	31.81
AV	4.92412G	31.39	54.00	-22.61	25.30	3	Horizontal	359	2.27	-	33.20	4.70	31.81

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2412MHz_TX

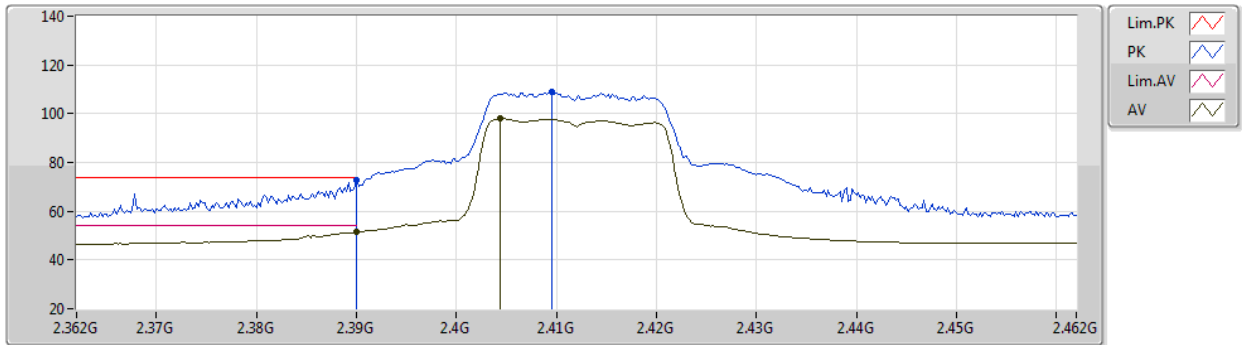

EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.25	74.00	-9.75	33.54	3	Vertical	146	2.87	-	28.30	2.41	-
AV	2.3896G	47.14	54.00	-6.86	16.43	3	Vertical	146	2.87	-	28.30	2.41	-
PK	2.4048G	95.89	Inf	-Inf	65.18	3	Vertical	146	2.87	-	28.31	2.40	-
AV	2.4042G	85.76	Inf	-Inf	55.05	3	Vertical	146	2.87	-	28.31	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2412MHz_TX

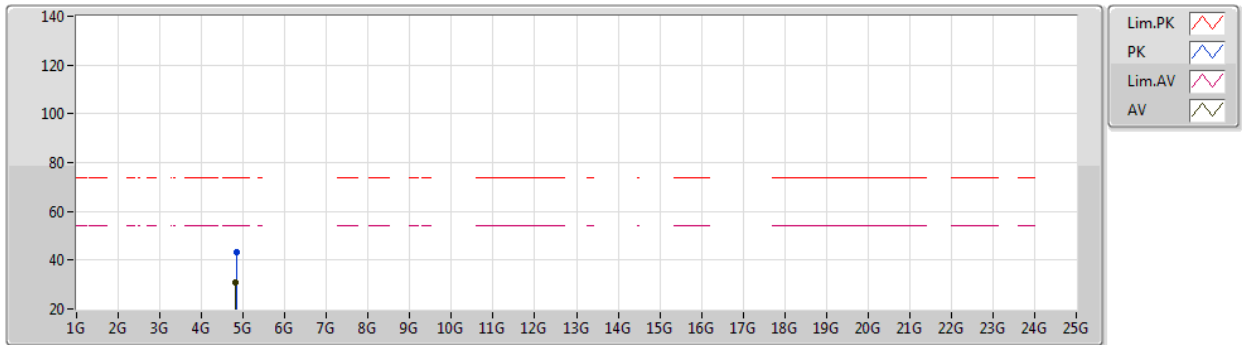

EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	72.86	74.00	-1.14	42.15	3	Horizontal	22	2.68	-	28.30	2.41	-
AV	2.39G	51.43	54.00	-2.57	20.72	3	Horizontal	22	2.68	-	28.30	2.41	-
PK	2.4096G	108.97	Inf	-Inf	78.25	3	Horizontal	22	2.68	-	28.32	2.40	-
AV	2.4044G	98.00	Inf	-Inf	67.29	3	Horizontal	22	2.68	-	28.31	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2412MHz_TX

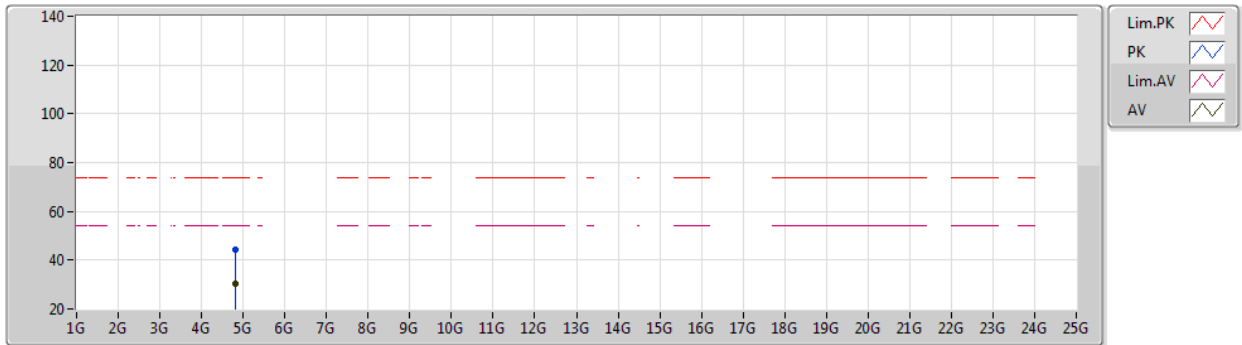

EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.83144G	43.35	74.00	-30.65	37.50	3	Vertical	137	1.69	-	32.93	4.70	31.78
AV	4.82304G	30.73	54.00	-23.27	24.92	3	Vertical	137	1.69	-	32.89	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2412MHz_TX

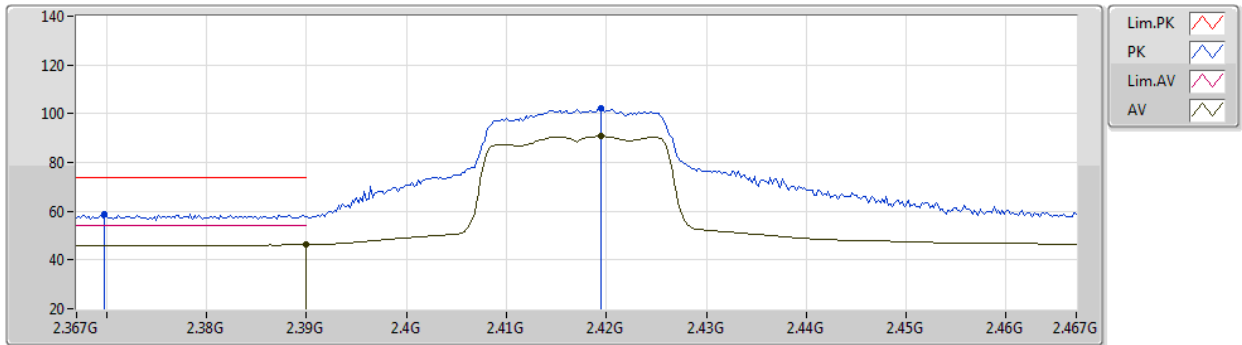

EUT Z_1TX
Setting 16
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82808G	44.49	74.00	-29.51	38.66	3	Horizontal	188	2.87	-	32.91	4.70	31.78
AV	4.82496G	30.58	54.00	-23.42	24.76	3	Horizontal	188	2.87	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2417MHz_TX

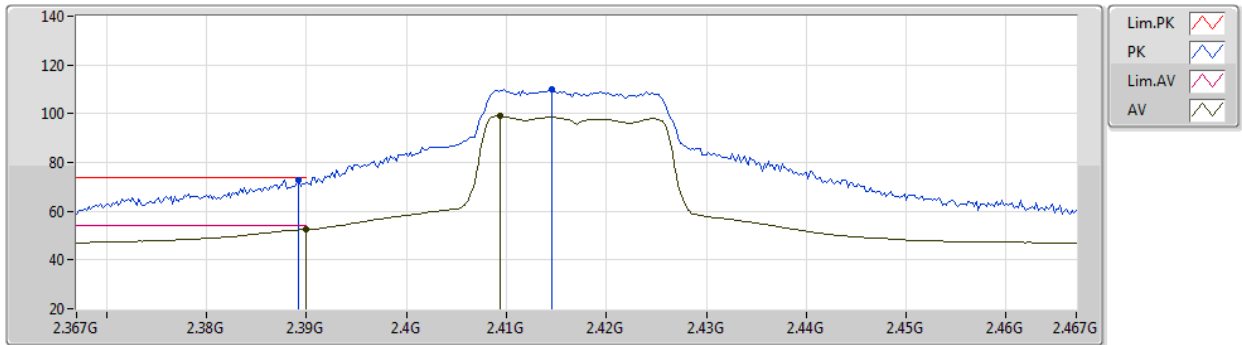

EUT Z_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3698G	58.84	74.00	-15.16	28.12	3	Vertical	115	2.90	-	28.30	2.42	-
AV	2.39G	46.27	54.00	-7.73	15.56	3	Vertical	115	2.90	-	28.30	2.41	-
PK	2.4194G	102.27	Inf	-Inf	71.52	3	Vertical	115	2.90	-	28.34	2.41	-
AV	2.4194G	90.74	Inf	-Inf	59.99	3	Vertical	115	2.90	-	28.34	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2417MHz_TX

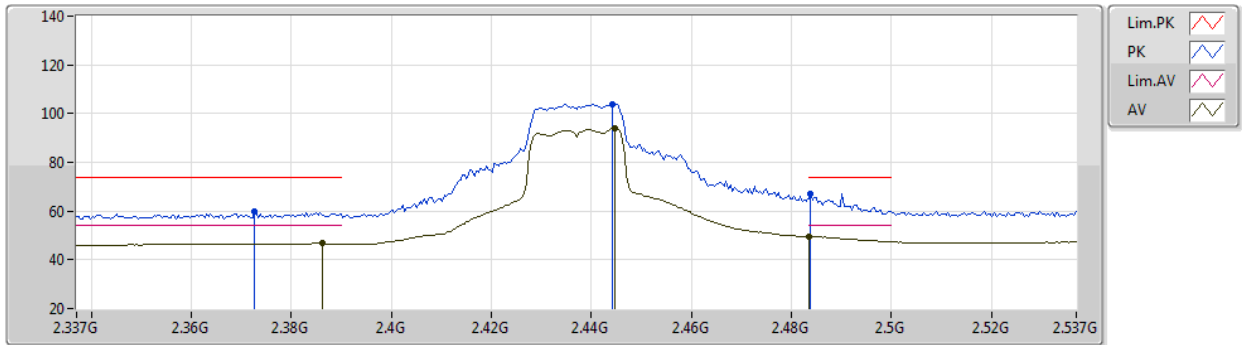

EUT Z_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	72.83	74.00	-1.17	42.12	3	Horizontal	22	2.68	-	28.30	2.41	-
AV	2.39G	52.41	54.00	-1.59	21.70	3	Horizontal	22	2.68	-	28.30	2.41	-
PK	2.4146G	110.04	Inf	-Inf	79.30	3	Horizontal	22	2.68	-	28.33	2.41	-
AV	2.4094G	99.08	Inf	-Inf	68.36	3	Horizontal	22	2.68	-	28.32	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

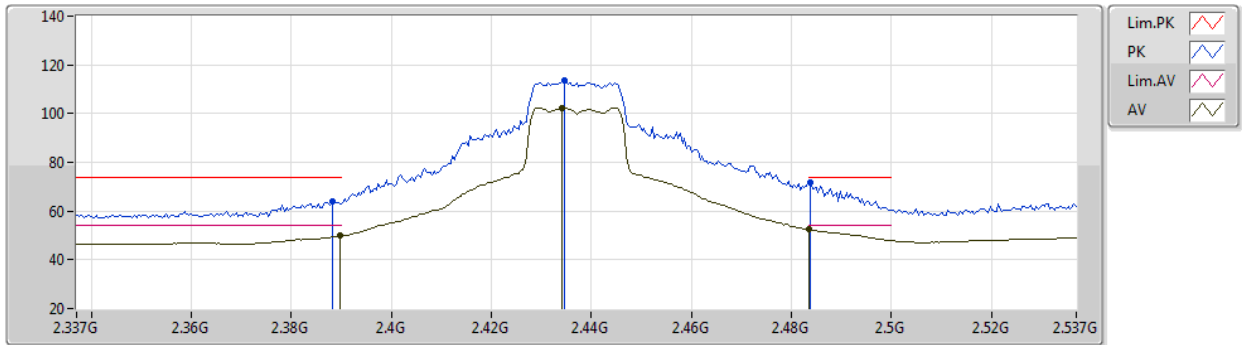

EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3726G	59.65	74.00	-14.35	28.94	3	Vertical	110	2.85	-	28.30	2.41	-
AV	2.3862G	46.69	54.00	-7.31	15.98	3	Vertical	110	2.85	-	28.30	2.41	-
PK	2.4442G	104.03	Inf	-Inf	73.22	3	Vertical	110	2.85	-	28.39	2.42	-
AV	2.4446G	94.10	Inf	-Inf	63.29	3	Vertical	110	2.85	-	28.39	2.42	-
PK	2.4838G	67.22	74.00	-6.78	36.24	3	Vertical	110	2.85	-	28.54	2.44	-
AV	2.4835G	49.52	54.00	-4.48	18.55	3	Vertical	110	2.85	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

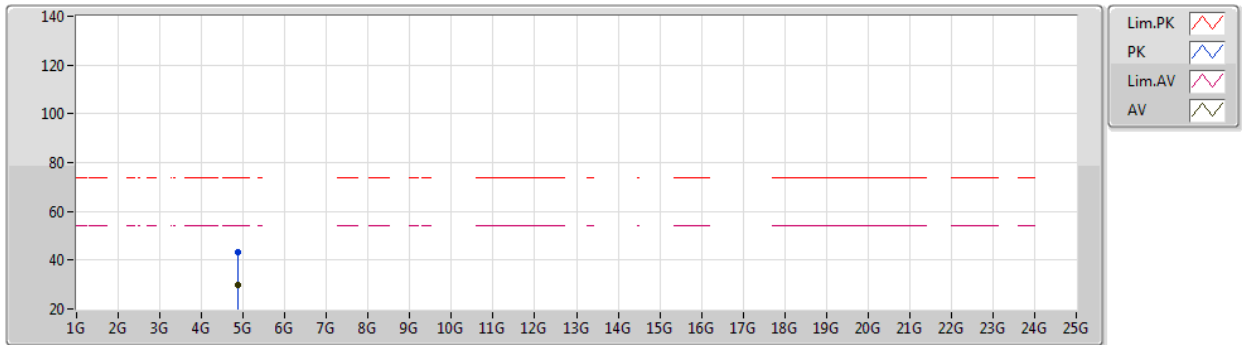

EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	64.06	74.00	-9.94	33.35	3	Horizontal	4	2.90	-	28.30	2.41	-
AV	2.3898G	49.76	54.00	-4.24	19.05	3	Horizontal	4	2.90	-	28.30	2.41	-
PK	2.4346G	113.61	Inf	-Inf	82.82	3	Horizontal	4	2.90	-	28.37	2.42	-
AV	2.4342G	102.39	Inf	-Inf	71.60	3	Horizontal	4	2.90	-	28.37	2.42	-
PK	2.4838G	71.88	74.00	-2.12	40.90	3	Horizontal	4	2.90	-	28.54	2.44	-
AV	2.4835G	52.56	54.00	-1.44	21.59	3	Horizontal	4	2.90	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

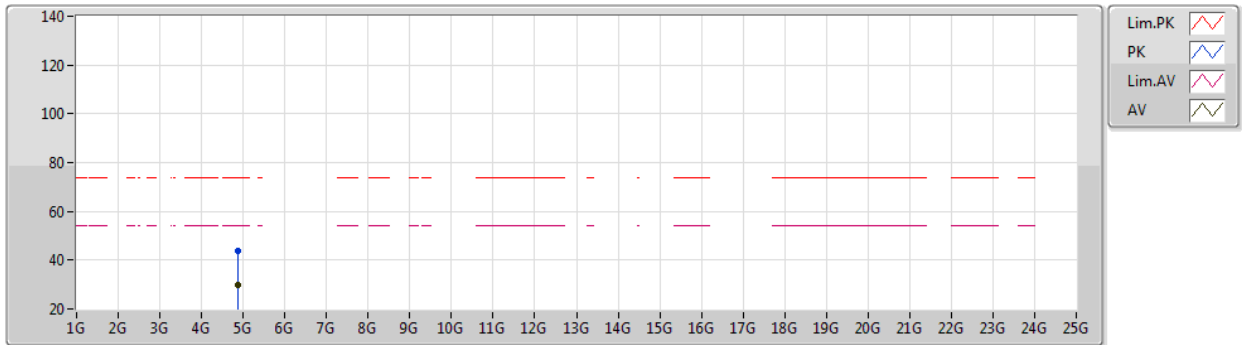

EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.88306G	43.24	74.00	-30.76	37.21	3	Vertical	265	1.04	-	33.13	4.70	31.80
AV	4.88438G	29.99	54.00	-24.01	23.95	3	Vertical	265	1.04	-	33.14	4.70	31.80

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

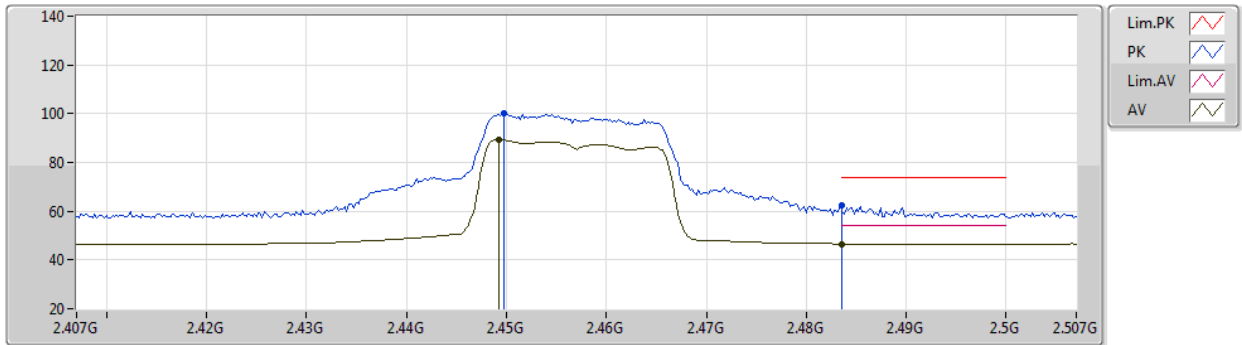

EUT Z_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8746G	43.75	74.00	-30.25	37.74	3	Horizontal	10	1.80	-	33.10	4.70	31.79
AV	4.87322G	30.02	54.00	-23.98	24.02	3	Horizontal	10	1.80	-	33.09	4.70	31.79

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2457MHz_TX

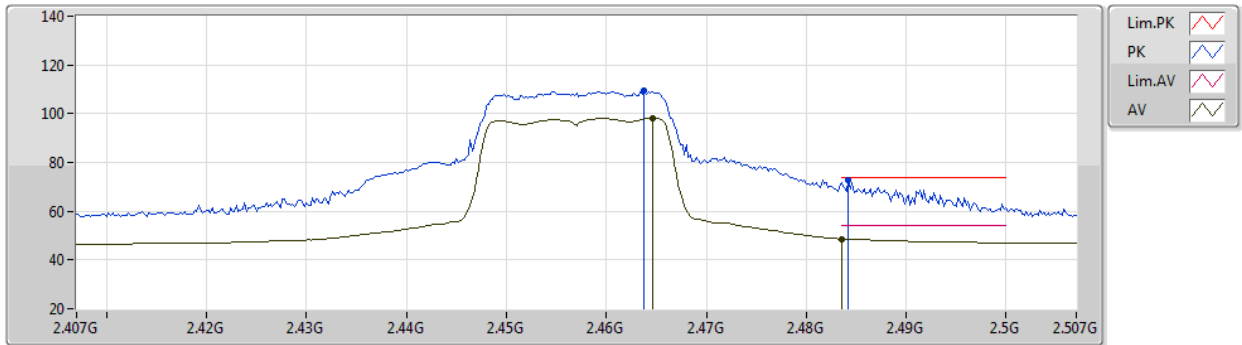

EUT Z_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4498G	100.10	Inf	-Inf	69.28	3	Vertical	109	2.86	-	28.40	2.42	-
AV	2.4492G	89.38	Inf	-Inf	58.56	3	Vertical	109	2.86	-	28.40	2.42	-
PK	2.4835G	62.43	74.00	-11.57	31.46	3	Vertical	109	2.86	-	28.53	2.44	-
AV	2.4835G	46.62	54.00	-7.38	15.65	3	Vertical	109	2.86	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2457MHz_TX

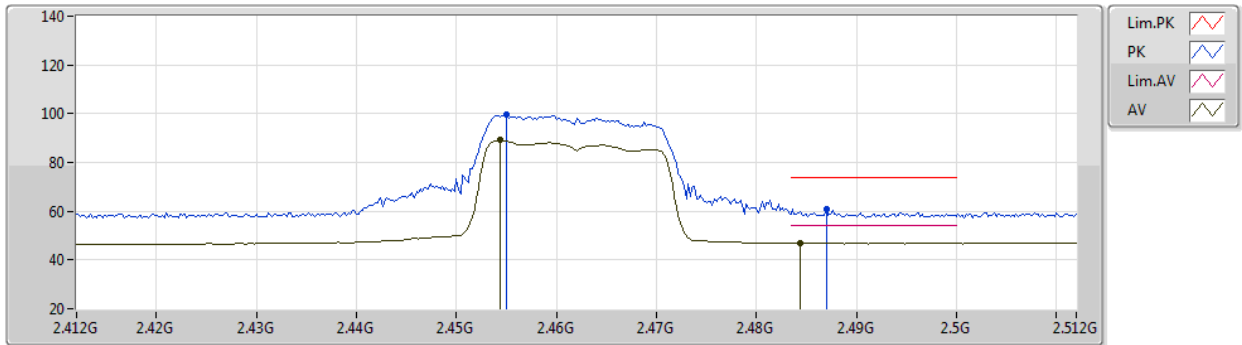

EUT Z_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4638G	109.73	Inf	-Inf	78.84	3	Horizontal	4	2.85	-	28.46	2.43	-
AV	2.4646G	98.30	Inf	-Inf	67.41	3	Horizontal	4	2.85	-	28.46	2.43	-
PK	2.4842G	72.77	74.00	-1.23	41.79	3	Horizontal	4	2.85	-	28.54	2.44	-
AV	2.4835G	48.65	54.00	-5.35	17.68	3	Horizontal	4	2.85	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2462MHz_TX

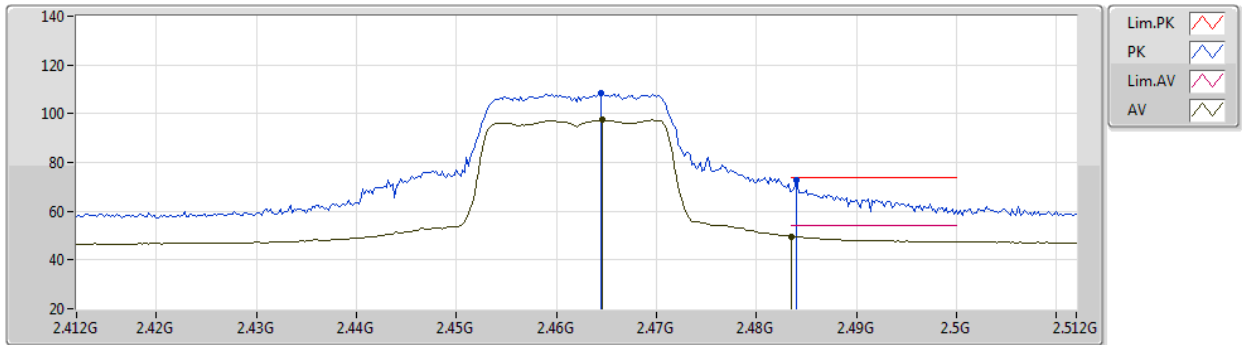

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.455G	99.56	Inf	-Inf	68.71	3	Vertical	105	2.87	-	28.42	2.43	-
AV	2.4544G	89.06	Inf	-Inf	58.21	3	Vertical	105	2.87	-	28.42	2.43	-
PK	2.487G	60.63	74.00	-13.37	29.64	3	Vertical	105	2.87	-	28.55	2.44	-
AV	2.4844G	46.87	54.00	-7.13	15.89	3	Vertical	105	2.87	-	28.54	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2462MHz_TX

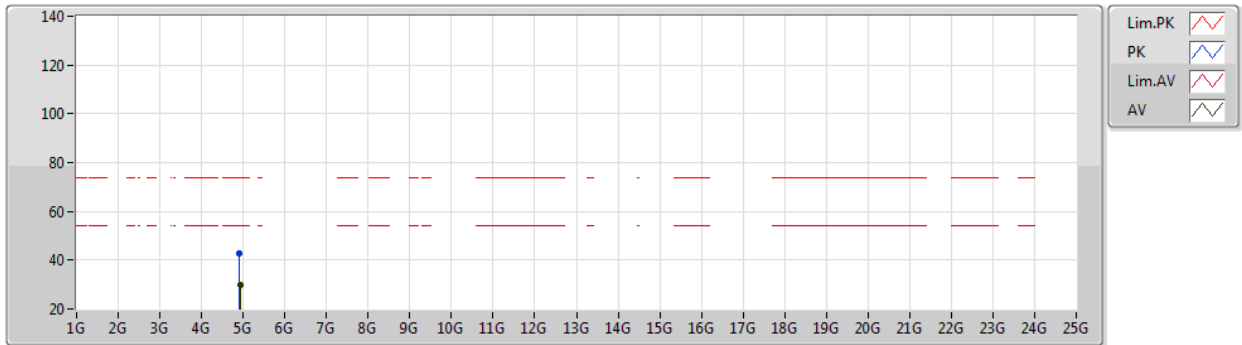

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4644G	108.61	Inf	-Inf	77.72	3	Horizontal	9	2.83	-	28.46	2.43	-
AV	2.4646G	97.39	Inf	-Inf	66.50	3	Horizontal	9	2.83	-	28.46	2.43	-
PK	2.484G	72.99	74.00	-1.01	42.01	3	Horizontal	9	2.83	-	28.54	2.44	-
AV	2.4835G	49.74	54.00	-4.26	18.77	3	Horizontal	9	2.83	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2462MHz_TX

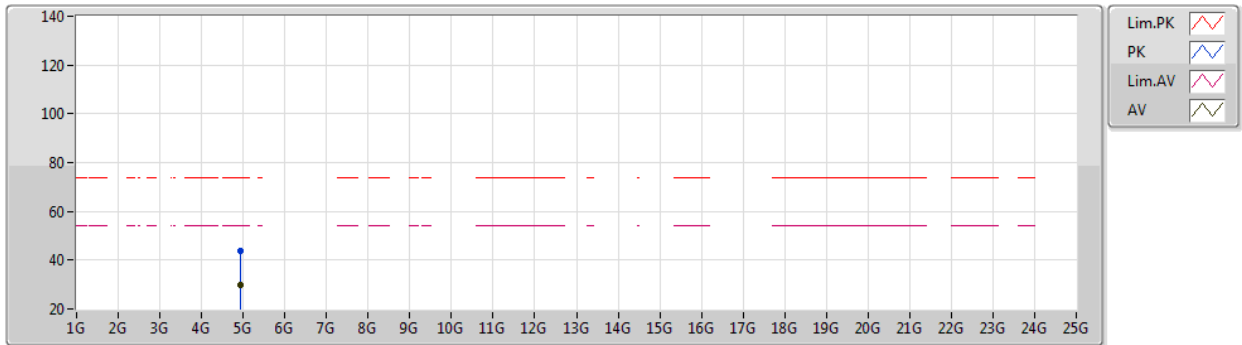

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.91512G	42.96	74.00	-31.04	36.87	3	Vertical	293	2.22	-	33.20	4.70	31.81
AV	4.924G	29.77	54.00	-24.23	23.68	3	Vertical	293	2.22	-	33.20	4.70	31.81

802.11n HT20_Nss1,(MCS0)_1TX

16/03/2021

2462MHz_TX

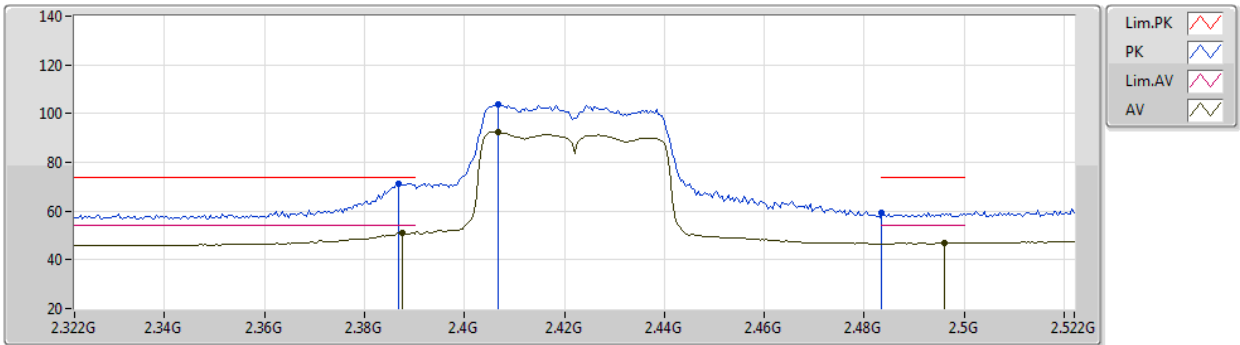

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.93054G	43.85	74.00	-30.15	37.76	3	Horizontal	360	1.80	-	33.20	4.70	31.81
AV	4.92568G	29.83	54.00	-24.17	23.74	3	Horizontal	360	1.80	-	33.20	4.70	31.81

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2422MHz_TX

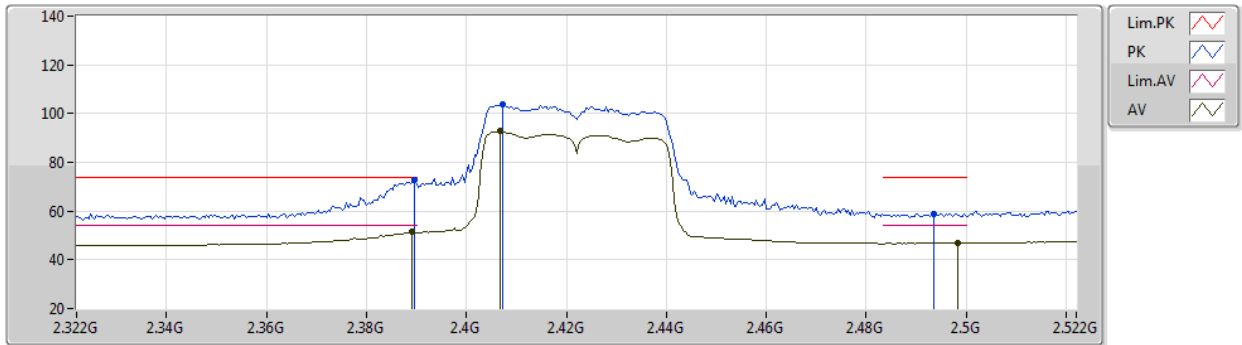

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3868G	71.31	74.00	-2.69	40.60	3	Vertical	21	2.66	-	28.30	2.41	-
AV	2.3876G	51.07	54.00	-2.93	20.36	3	Vertical	21	2.66	-	28.30	2.41	-
PK	2.4068G	104.05	Inf	-Inf	73.34	3	Vertical	21	2.66	-	28.31	2.40	-
AV	2.4068G	92.63	Inf	-Inf	61.92	3	Vertical	21	2.66	-	28.31	2.40	-
PK	2.4835G	59.24	74.00	-14.76	28.27	3	Vertical	21	2.66	-	28.53	2.44	-
AV	2.496G	46.78	54.00	-7.22	15.75	3	Vertical	21	2.66	-	28.58	2.45	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2422MHz_TX

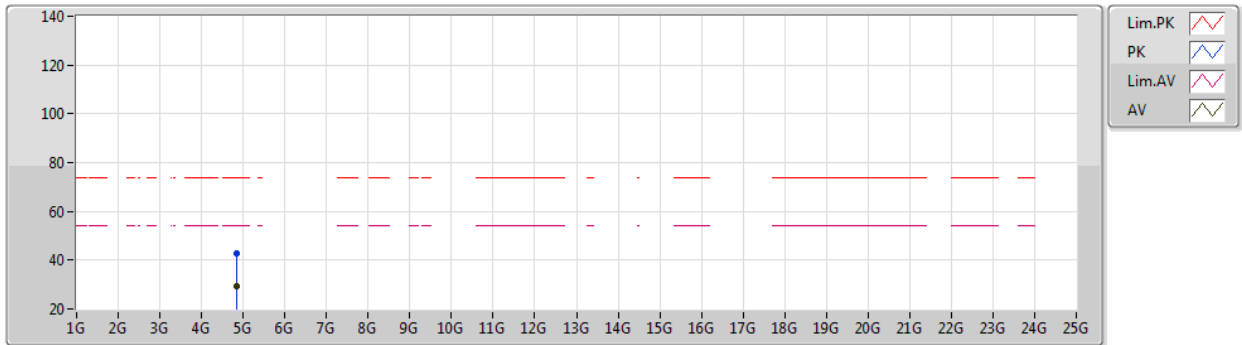

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	72.72	74.00	-1.28	42.01	3	Horizontal	23	2.67	-	28.30	2.41	-
AV	2.3892G	51.69	54.00	-2.31	20.98	3	Horizontal	23	2.67	-	28.30	2.41	-
PK	2.4072G	103.84	Inf	-Inf	73.13	3	Horizontal	23	2.67	-	28.31	2.40	-
AV	2.4068G	92.77	Inf	-Inf	62.06	3	Horizontal	23	2.67	-	28.31	2.40	-
PK	2.4936G	58.95	74.00	-15.05	27.93	3	Horizontal	23	2.67	-	28.57	2.45	-
AV	2.4984G	46.83	54.00	-7.17	15.79	3	Horizontal	23	2.67	-	28.59	2.45	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2422MHz_TX

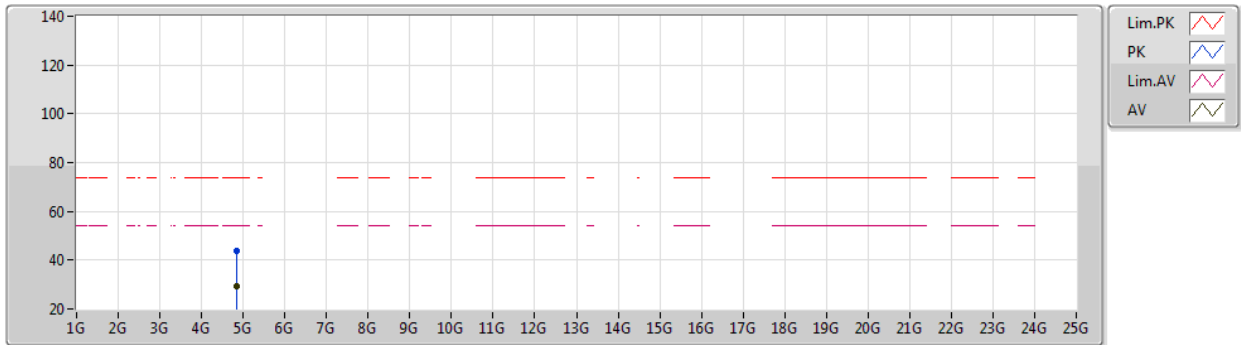

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8338G	42.55	74.00	-31.45	36.69	3	Vertical	216	2.97	-	32.94	4.70	31.78
AV	4.83446G	29.25	54.00	-24.75	23.39	3	Vertical	216	2.97	-	32.94	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2422MHz_TX

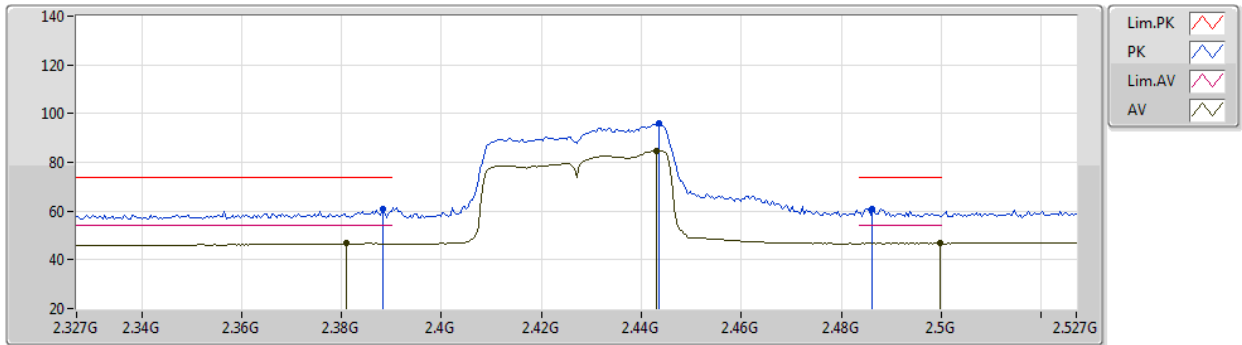

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84472G	43.57	74.00	-30.43	37.67	3	Horizontal	194	1.80	-	32.98	4.70	31.78
AV	4.8347G	29.15	54.00	-24.85	23.29	3	Horizontal	194	1.80	-	32.94	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2427MHz_TX

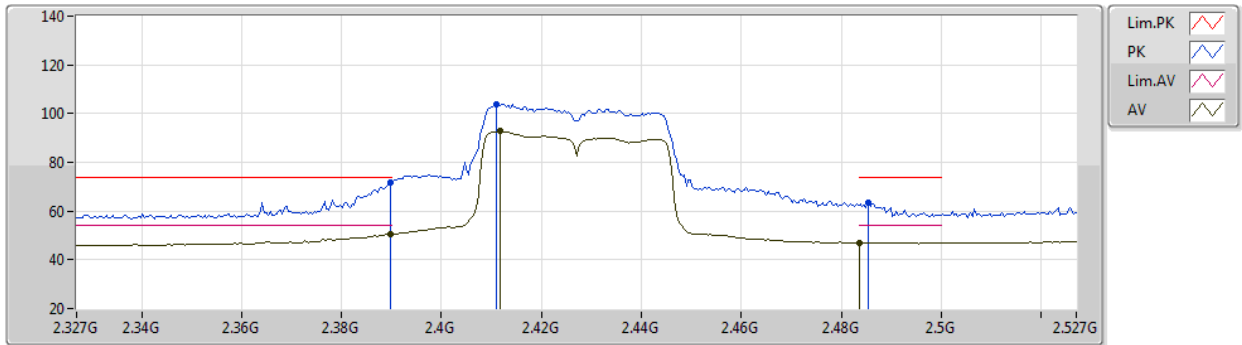

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	60.65	74.00	-13.35	29.94	3	Vertical	105	2.86	-	28.30	2.41	-
AV	2.381G	46.70	54.00	-7.30	15.99	3	Vertical	105	2.86	-	28.30	2.41	-
PK	2.4434G	96.01	Inf	-Inf	65.20	3	Vertical	105	2.86	-	28.39	2.42	-
AV	2.443G	84.75	Inf	-Inf	53.94	3	Vertical	105	2.86	-	28.39	2.42	-
PK	2.4862G	61.08	74.00	-12.92	30.10	3	Vertical	105	2.86	-	28.54	2.44	-
AV	2.4998G	46.75	54.00	-7.25	15.70	3	Vertical	105	2.86	-	28.60	2.45	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2427MHz_TX

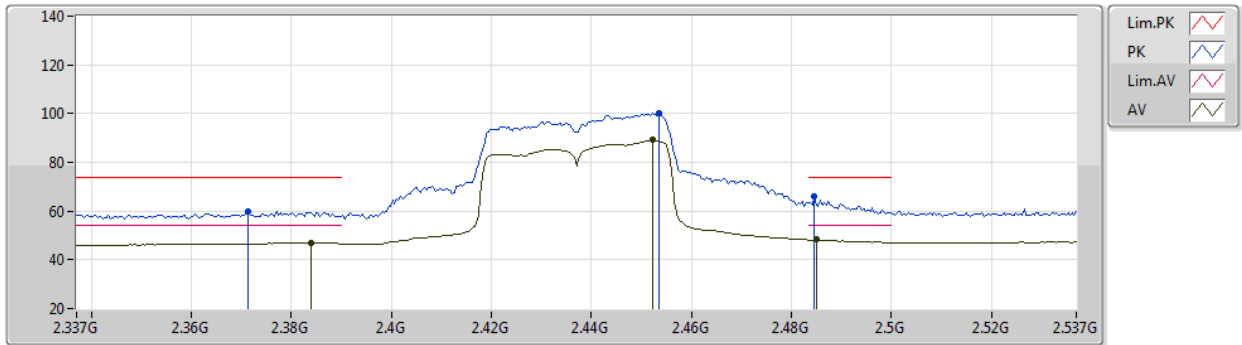

EUT Z_1TX
Setting 15
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	71.79	74.00	-2.21	41.08	3	Horizontal	30	1.95	-	28.30	2.41	-
AV	2.3898G	50.40	54.00	-3.60	19.69	3	Horizontal	30	1.95	-	28.30	2.41	-
PK	2.411G	103.78	Inf	-Inf	73.05	3	Horizontal	30	1.95	-	28.32	2.41	-
AV	2.4118G	92.72	Inf	-Inf	61.99	3	Horizontal	30	1.95	-	28.32	2.41	-
PK	2.4854G	63.70	74.00	-10.30	32.72	3	Horizontal	30	1.95	-	28.54	2.44	-
AV	2.4835G	46.92	54.00	-7.08	15.95	3	Horizontal	30	1.95	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

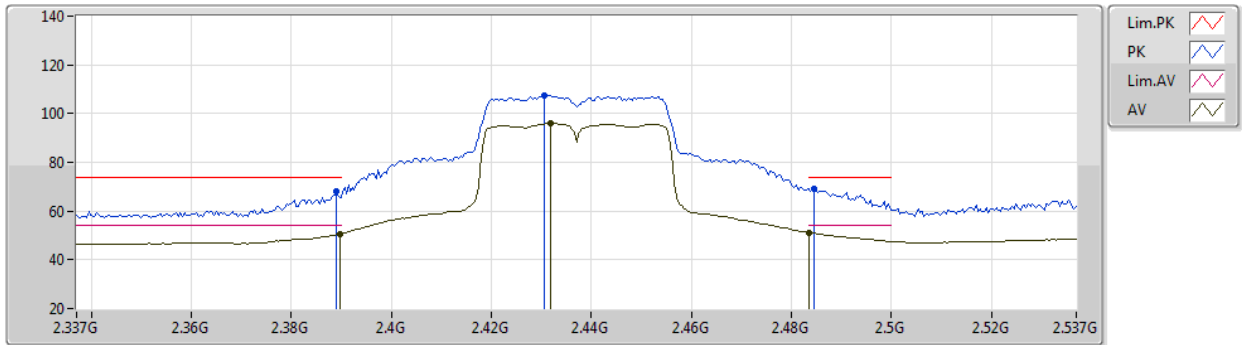

EUT Z_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3714G	59.62	74.00	-14.38	28.91	3	Vertical	106	2.87	-	28.30	2.41	-
AV	2.3838G	46.91	54.00	-7.09	16.20	3	Vertical	106	2.87	-	28.30	2.41	-
PK	2.4534G	100.38	Inf	-Inf	69.54	3	Vertical	106	2.87	-	28.41	2.43	-
AV	2.4522G	89.09	Inf	-Inf	58.25	3	Vertical	106	2.87	-	28.41	2.43	-
PK	2.4846G	65.91	74.00	-8.09	34.93	3	Vertical	106	2.87	-	28.54	2.44	-
AV	2.485G	48.20	54.00	-5.80	17.22	3	Vertical	106	2.87	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

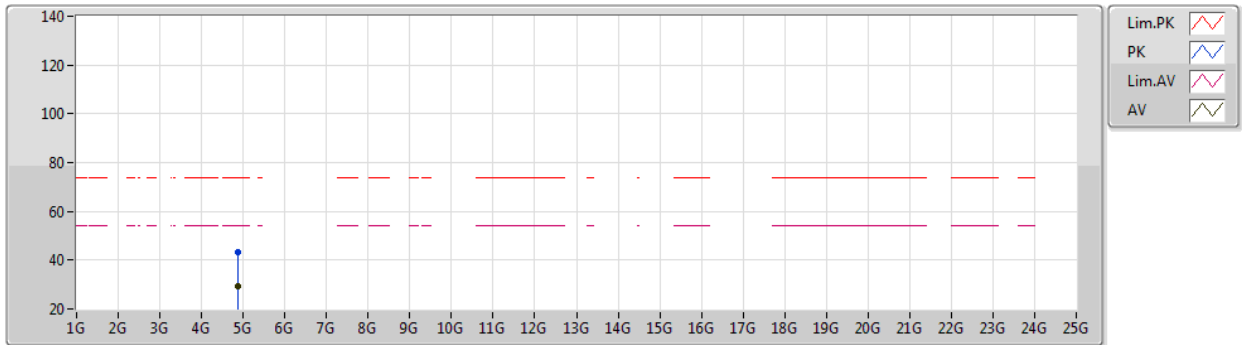

EUT Z_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	68.07	74.00	-5.93	37.36	3	Horizontal	3	2.90	-	28.30	2.41	-
AV	2.3898G	50.63	54.00	-3.37	19.92	3	Horizontal	3	2.90	-	28.30	2.41	-
PK	2.4306G	107.39	Inf	-Inf	76.61	3	Horizontal	3	2.90	-	28.36	2.42	-
AV	2.4318G	95.95	Inf	-Inf	65.17	3	Horizontal	3	2.90	-	28.36	2.42	-
PK	2.4846G	69.04	74.00	-4.96	38.06	3	Horizontal	3	2.90	-	28.54	2.44	-
AV	2.4835G	51.11	54.00	-2.89	20.14	3	Horizontal	3	2.90	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

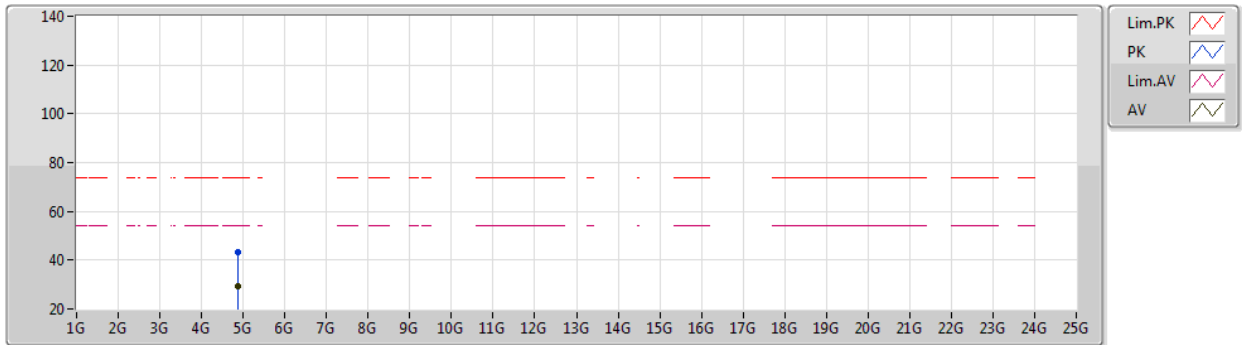

EUT Z_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8593G	43.39	74.00	-30.61	37.44	3	Vertical	64	2.12	-	33.04	4.70	31.79
AV	4.88498G	29.38	54.00	-24.62	23.34	3	Vertical	64	2.12	-	33.14	4.70	31.80

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2437MHz_TX

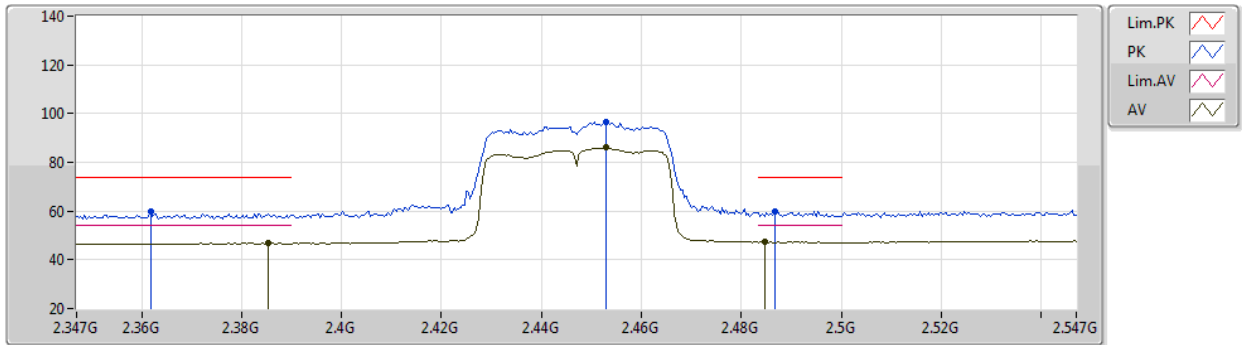

EUT Z_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8842G	43.31	74.00	-30.69	37.27	3	Horizontal	0	1.34	-	33.14	4.70	31.80
AV	4.88648G	29.46	54.00	-24.54	23.41	3	Horizontal	0	1.34	-	33.15	4.70	31.80

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2447MHz_TX

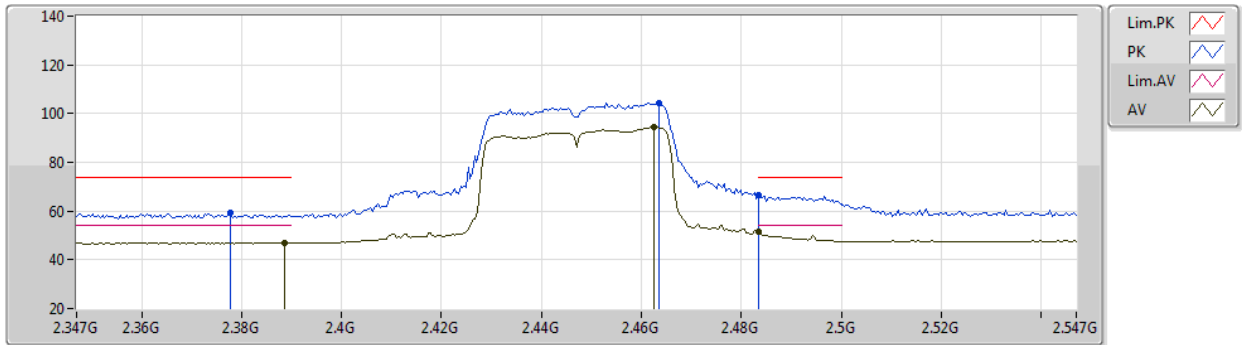

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3618G	60.03	74.00	-13.97	29.31	3	Vertical	108	2.87	-	28.30	2.42	-
AV	2.3854G	46.76	54.00	-7.24	16.05	3	Vertical	108	2.87	-	28.30	2.41	-
PK	2.453G	96.37	Inf	-Inf	65.53	3	Vertical	108	2.87	-	28.41	2.43	-
AV	2.453G	86.08	Inf	-Inf	55.24	3	Vertical	108	2.87	-	28.41	2.43	-
PK	2.4866G	59.90	74.00	-14.10	28.91	3	Vertical	108	2.87	-	28.55	2.44	-
AV	2.4846G	47.29	54.00	-6.71	16.31	3	Vertical	108	2.87	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2447MHz_TX

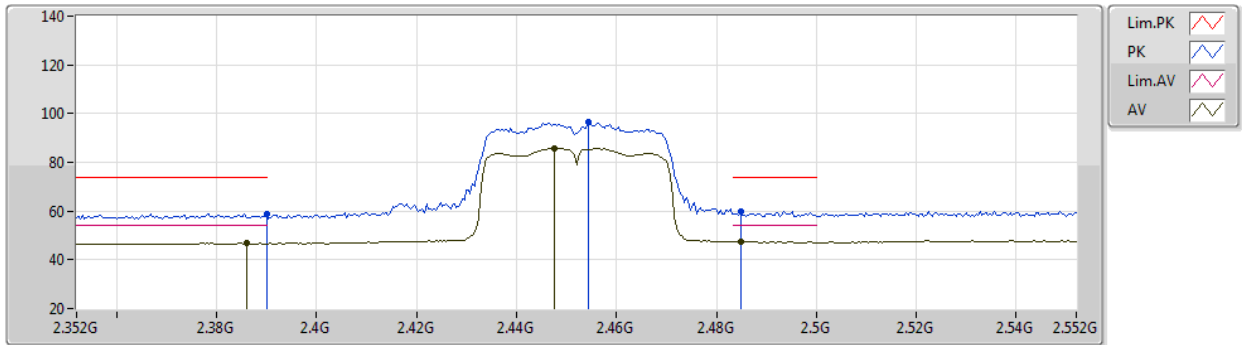

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3778G	59.23	74.00	-14.77	28.52	3	Horizontal	6	2.85	-	28.30	2.41	-
AV	2.3886G	47.09	54.00	-6.91	16.38	3	Horizontal	6	2.85	-	28.30	2.41	-
PK	2.4634G	104.39	Inf	-Inf	73.51	3	Horizontal	6	2.85	-	28.45	2.43	-
AV	2.4626G	94.65	Inf	-Inf	63.77	3	Horizontal	6	2.85	-	28.45	2.43	-
PK	2.4835G	66.61	74.00	-7.39	35.64	3	Horizontal	6	2.85	-	28.53	2.44	-
AV	2.4835G	51.80	54.00	-2.20	20.83	3	Horizontal	6	2.85	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2452MHz_TX

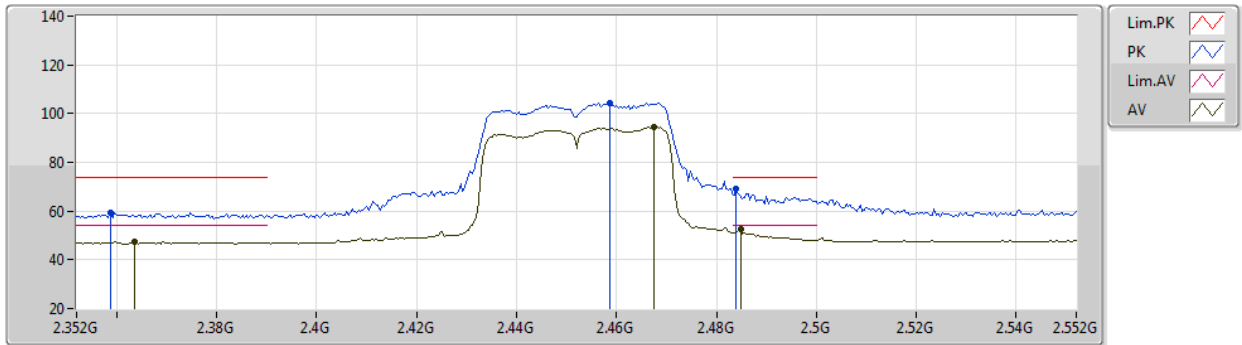

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	58.97	74.00	-15.03	28.26	3	Vertical	108	2.87	-	28.30	2.41	-
AV	2.386G	46.78	54.00	-7.22	16.07	3	Vertical	108	2.87	-	28.30	2.41	-
PK	2.4544G	96.50	Inf	-Inf	65.65	3	Vertical	108	2.87	-	28.42	2.43	-
AV	2.4476G	85.93	Inf	-Inf	55.11	3	Vertical	108	2.87	-	28.40	2.42	-
PK	2.4848G	59.96	74.00	-14.04	28.98	3	Vertical	108	2.87	-	28.54	2.44	-
AV	2.4848G	47.39	54.00	-6.61	16.41	3	Vertical	108	2.87	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2452MHz_TX

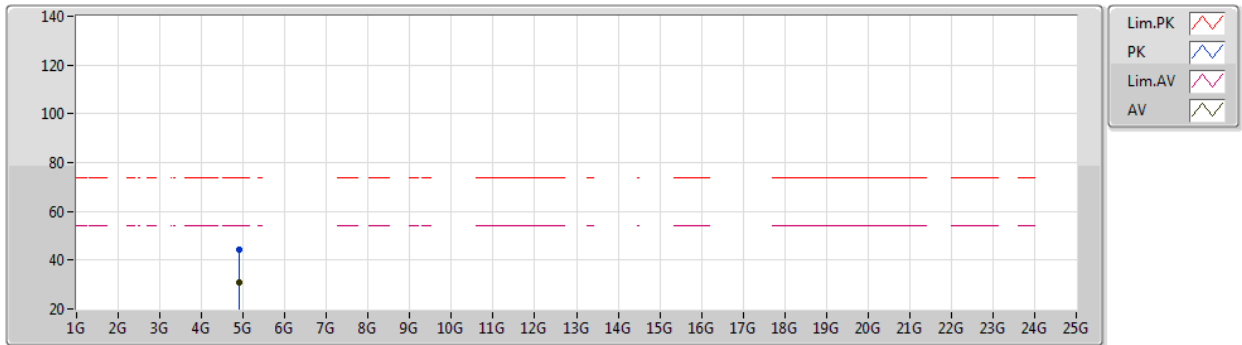

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3588G	59.31	74.00	-14.69	28.59	3	Horizontal	4	2.84	-	28.30	2.42	-
AV	2.3636G	47.29	54.00	-6.71	16.57	3	Horizontal	4	2.84	-	28.30	2.42	-
PK	2.4588G	104.37	Inf	-Inf	73.50	3	Horizontal	4	2.84	-	28.44	2.43	-
AV	2.4676G	94.65	Inf	-Inf	63.75	3	Horizontal	4	2.84	-	28.47	2.43	-
PK	2.484G	68.89	74.00	-5.11	37.91	3	Horizontal	4	2.84	-	28.54	2.44	-
AV	2.4848G	52.56	54.00	-1.44	21.58	3	Horizontal	4	2.84	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2452MHz_TX

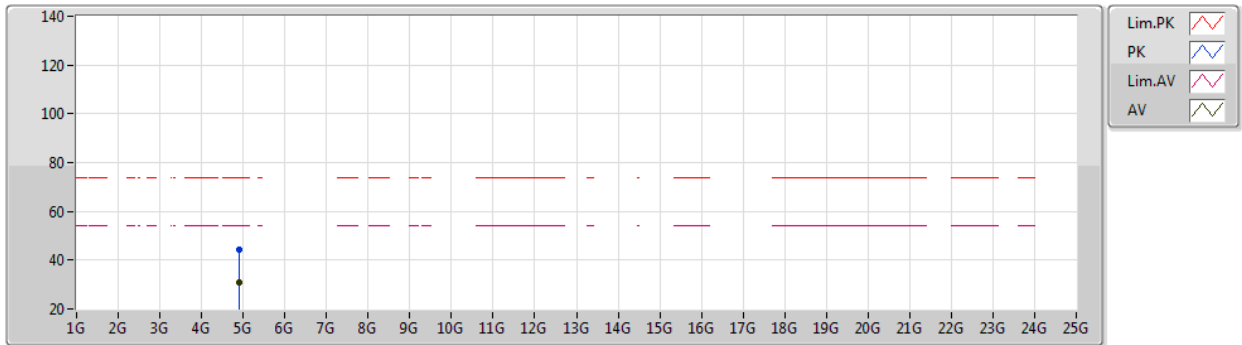

EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90454G	44.10	74.00	-29.90	38.01	3	Vertical	135	2.84	-	33.20	4.70	31.81
AV	4.91498G	30.92	54.00	-23.08	24.83	3	Vertical	135	2.84	-	33.20	4.70	31.81

802.11n HT40_Nss1,(MCS0)_1TX

16/03/2021

2452MHz_TX


EUT Z_1TX
Setting 14
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.9139G	44.13	74.00	-29.87	38.04	3	Horizontal	219	2.91	-	33.20	4.70	31.81
AV	4.91864G	31.05	54.00	-22.95	24.96	3	Horizontal	219	2.91	-	33.20	4.70	31.81



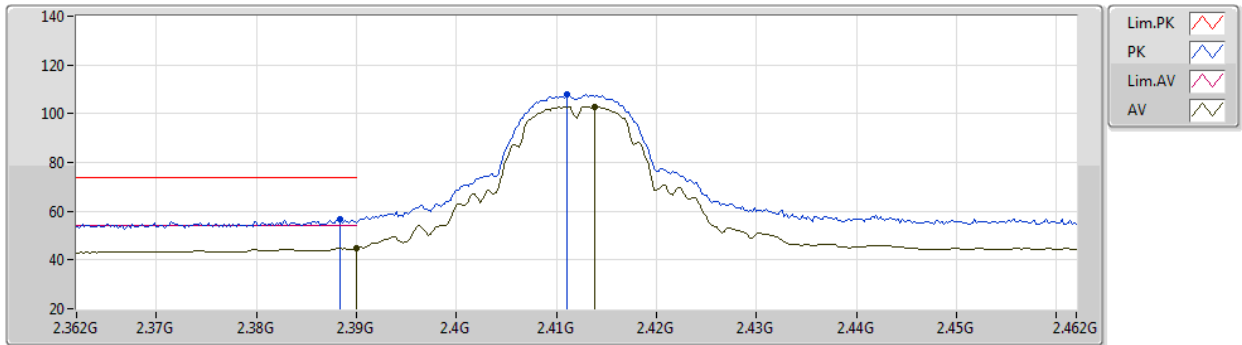
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	52.93	54.00	-1.07	3	Vertical	87	2.46	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



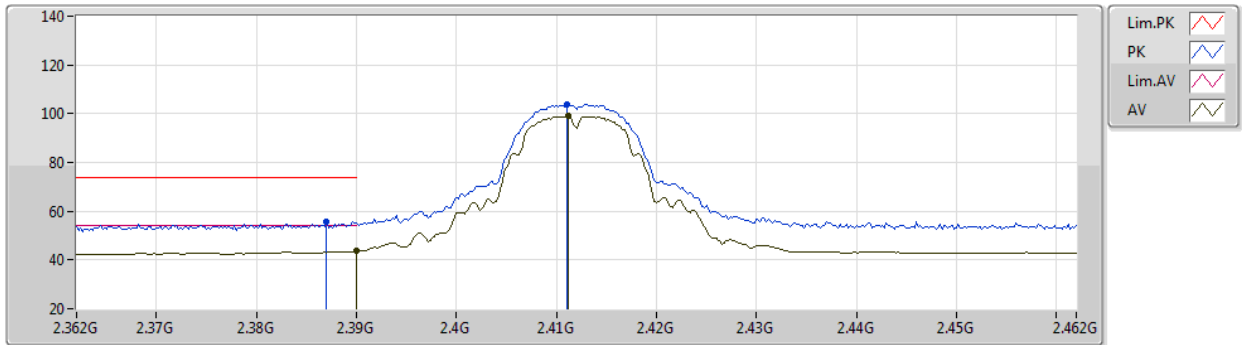
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3884G	56.88	74.00	-17.12	27.31	3	Vertical	322	1.62	-	27.38	2.19	-
AV	2.39G	44.89	54.00	-9.11	15.32	3	Vertical	322	1.62	-	27.38	2.19	-
PK	2.411G	107.82	Inf	-Inf	78.19	3	Vertical	322	1.62	-	27.42	2.21	-
AV	2.4138G	102.87	Inf	-Inf	73.23	3	Vertical	322	1.62	-	27.43	2.21	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



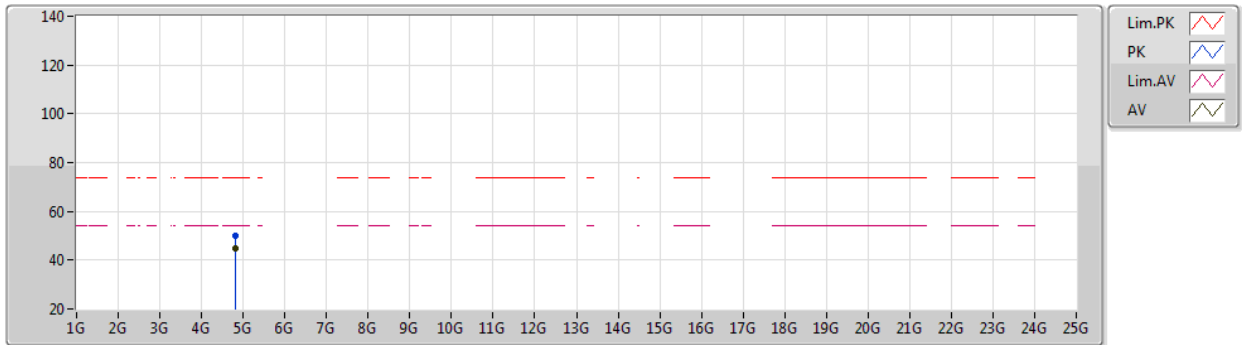
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.387G	55.47	74.00	-18.53	25.91	3	Horizontal	229	2.94	-	27.37	2.19	-
AV	2.39G	43.68	54.00	-10.32	14.11	3	Horizontal	229	2.94	-	27.38	2.19	-
PK	2.411G	103.79	Inf	-Inf	74.16	3	Horizontal	229	2.94	-	27.42	2.21	-
AV	2.4112G	99.02	Inf	-Inf	69.39	3	Horizontal	229	2.94	-	27.42	2.21	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



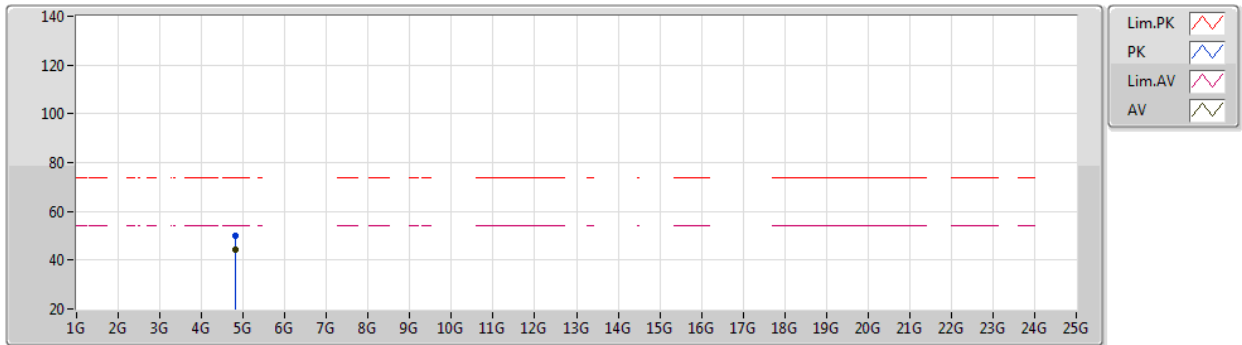
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.82396G	50.22	74.00	-23.78	47.52	3	Vertical	14	2.19	-	32.24	5.01	34.55	
AV	4.82396G	44.65	54.00	-9.35	41.95	3	Vertical	14	2.19	-	32.24	5.01	34.55	

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2412MHz_TX



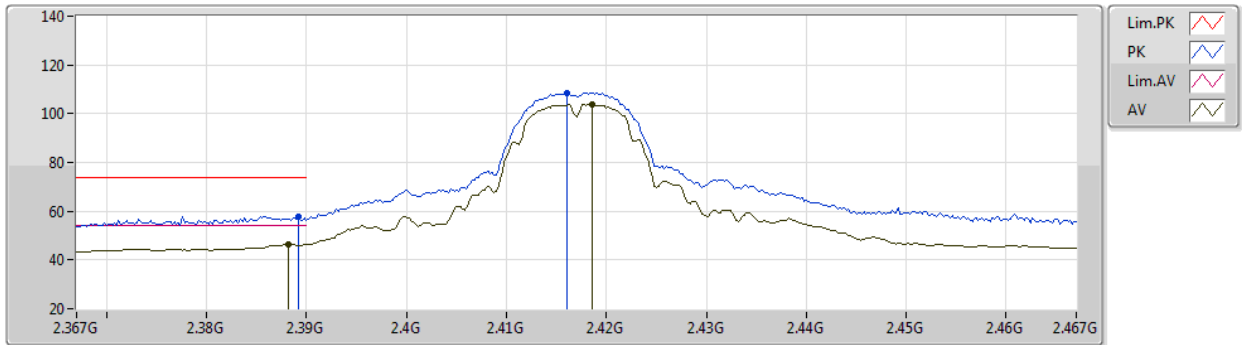
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Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.82396G	49.92	74.00	-24.08	47.22	3	Horizontal	315	2.47	-	32.24	5.01	34.55	
AV	4.82396G	44.53	54.00	-9.47	41.83	3	Horizontal	315	2.47	-	32.24	5.01	34.55	

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2417MHz_TX



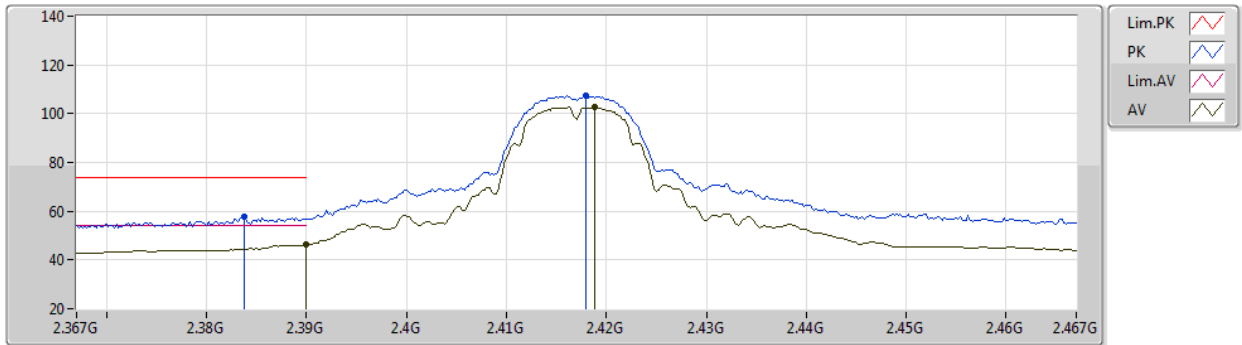
EUT X_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	57.96	74.00	-16.04	28.39	3	Vertical	323	1.10	-	27.38	2.19	-
AV	2.3882G	46.45	54.00	-7.55	16.88	3	Vertical	323	1.10	-	27.38	2.19	-
PK	2.416G	108.64	Inf	-Inf	78.99	3	Vertical	323	1.10	-	27.43	2.22	-
AV	2.4186G	103.78	Inf	-Inf	74.12	3	Vertical	323	1.10	-	27.44	2.22	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2417MHz_TX



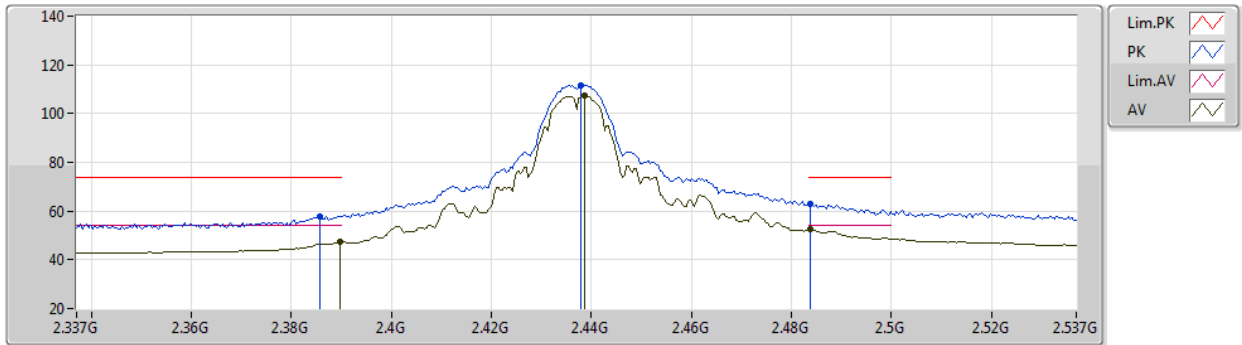
EUT X_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3838G	57.79	74.00	-16.21	28.24	3	Horizontal	230	2.82	-	27.37	2.18	-
AV	2.39G	46.24	54.00	-7.76	16.67	3	Horizontal	230	2.82	-	27.38	2.19	-
PK	2.418G	107.52	Inf	-Inf	77.86	3	Horizontal	230	2.82	-	27.44	2.22	-
AV	2.4188G	102.56	Inf	-Inf	72.90	3	Horizontal	230	2.82	-	27.44	2.22	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



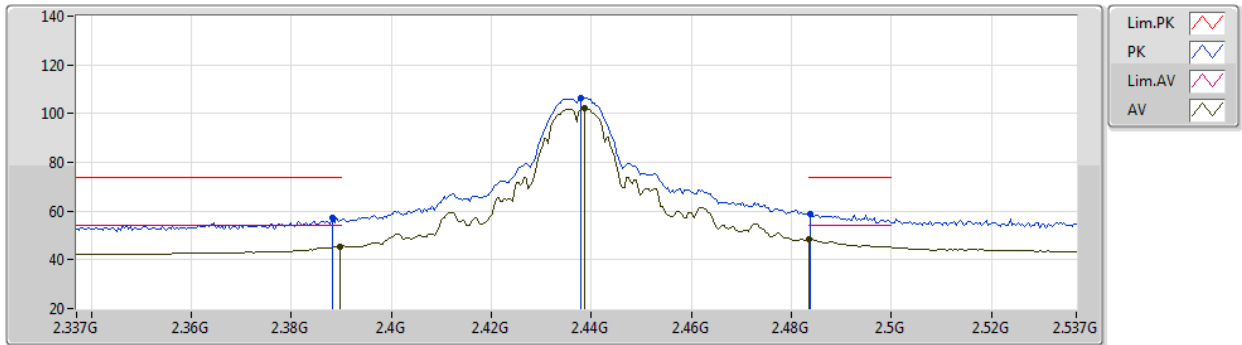
EUT X_1TX
Setting 23
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3858G	57.98	74.00	-16.02	28.42	3	Vertical	319	1.03	-	27.37	2.19	-
AV	2.3898G	47.57	54.00	-6.43	18.00	3	Vertical	319	1.03	-	27.38	2.19	-
PK	2.4378G	111.59	Inf	-Inf	81.87	3	Vertical	319	1.03	-	27.48	2.24	-
AV	2.4386G	107.31	Inf	-Inf	77.59	3	Vertical	319	1.03	-	27.48	2.24	-
PK	2.4838G	63.07	74.00	-10.93	33.09	3	Vertical	319	1.03	-	27.70	2.28	-
AV	2.4838G	52.59	54.00	-1.41	22.61	3	Vertical	319	1.03	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



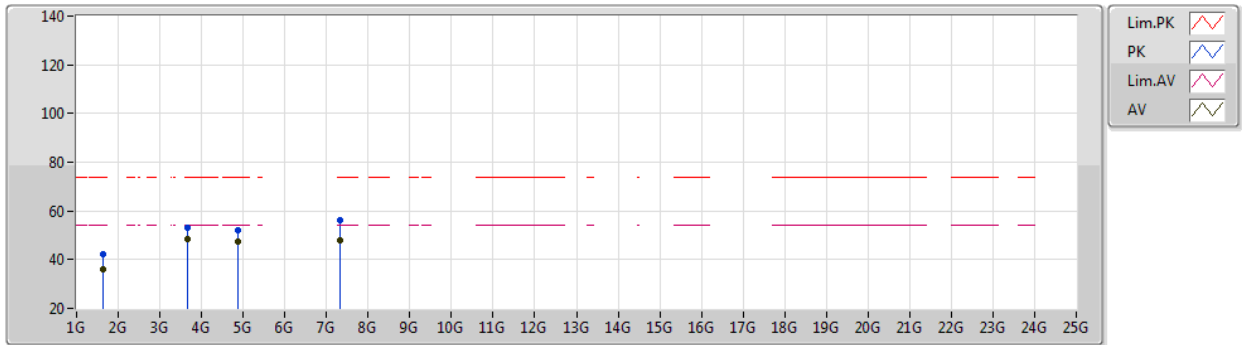
EUT X_1TX
Setting 23
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	57.11	74.00	-16.89	27.54	3	Horizontal	229	1.13	-	27.38	2.19	-
AV	2.3898G	45.59	54.00	-8.41	16.02	3	Horizontal	229	1.13	-	27.38	2.19	-
PK	2.4378G	106.33	Inf	-Inf	76.61	3	Horizontal	229	1.13	-	27.48	2.24	-
AV	2.4386G	102.06	Inf	-Inf	72.34	3	Horizontal	229	1.13	-	27.48	2.24	-
PK	2.4838G	58.62	74.00	-15.38	28.64	3	Horizontal	229	1.13	-	27.70	2.28	-
AV	2.4835G	48.46	54.00	-5.54	18.48	3	Horizontal	229	1.13	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



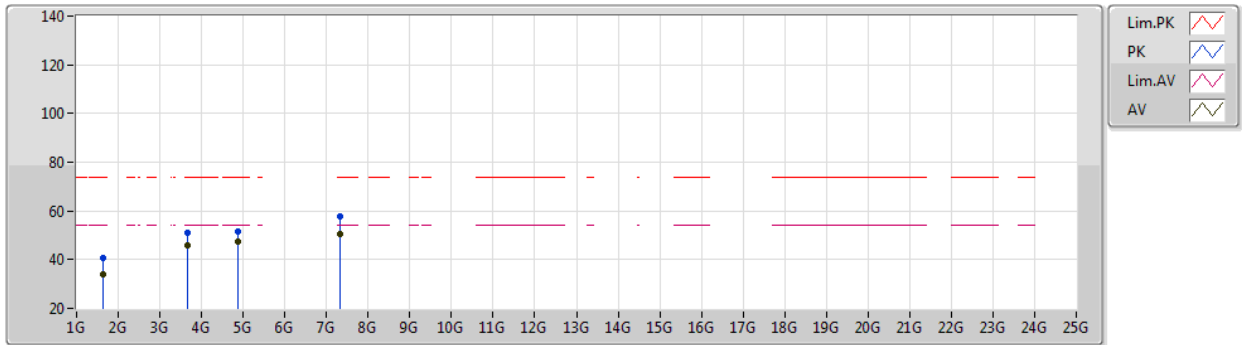
EUT X_1TX
Setting 23
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	1.62467G	42.23	74.00	-31.77	49.38	3	Vertical	335	1.23	-	25.30	2.52	34.97
AV	1.62466G	36.18	54.00	-17.82	43.33	3	Vertical	335	1.23	-	25.30	2.52	34.97
PK	3.65556G	53.19	74.00	-20.81	53.27	3	Vertical	311	2.47	-	30.42	4.06	34.56
AV	3.65549G	48.55	54.00	-5.45	48.63	3	Vertical	311	2.47	-	30.42	4.06	34.56
PK	4.87397G	52.21	74.00	-21.79	49.25	3	Vertical	351	1.13	-	32.45	5.04	34.53
AV	4.874G	47.46	54.00	-6.54	44.50	3	Vertical	351	1.13	-	32.45	5.04	34.53
PK	7.31252G	56.26	74.00	-17.74	47.45	3	Vertical	342	1.00	-	37.15	6.31	34.65
AV	7.31272G	48.10	54.00	-5.90	39.29	3	Vertical	342	1.00	-	37.15	6.31	34.65

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2437MHz_TX



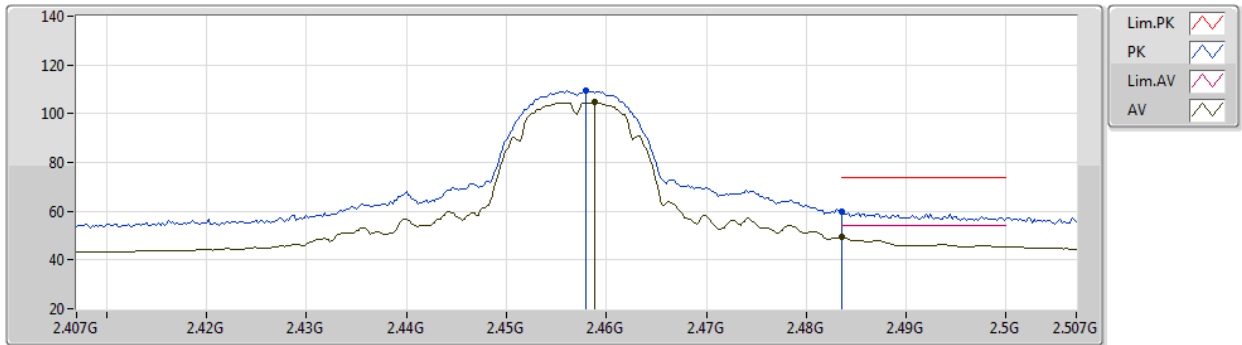
EUT X_1TX
Setting 23
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	1.62463G	40.69	74.00	-33.31	47.84	3	Horizontal	217	1.78	-	25.30	2.52	34.97
AV	1.62467G	34.17	54.00	-19.83	41.32	3	Horizontal	217	1.78	-	25.30	2.52	34.97
PK	3.65572G	50.84	74.00	-23.16	50.92	3	Horizontal	20	2.57	-	30.42	4.06	34.56
AV	3.65555G	45.87	54.00	-8.13	45.95	3	Horizontal	20	2.57	-	30.42	4.06	34.56
PK	4.87396G	51.70	74.00	-22.30	48.74	3	Horizontal	340	2.43	-	32.45	5.04	34.53
AV	4.87398G	47.60	54.00	-6.40	44.64	3	Horizontal	340	2.43	-	32.45	5.04	34.53
PK	7.31316G	57.73	74.00	-16.27	48.92	3	Horizontal	7	2.12	-	37.15	6.31	34.65
AV	7.31272G	50.28	54.00	-3.72	41.47	3	Horizontal	7	2.12	-	37.15	6.31	34.65

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2457MHz_TX



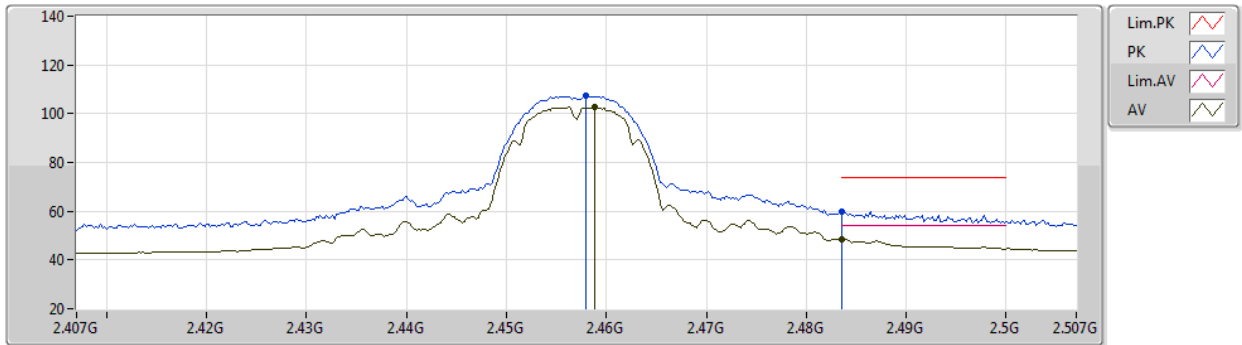
EUT X_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.458G	109.64	Inf	-Inf	79.83	3	Vertical	316	2.62	-	27.55	2.26	-
AV	2.4588G	104.66	Inf	-Inf	74.85	3	Vertical	316	2.62	-	27.55	2.26	-
PK	2.4836G	59.64	74.00	-14.36	29.66	3	Vertical	316	2.62	-	27.70	2.28	-
AV	2.4836G	49.23	54.00	-4.77	19.25	3	Vertical	316	2.62	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2457MHz_TX



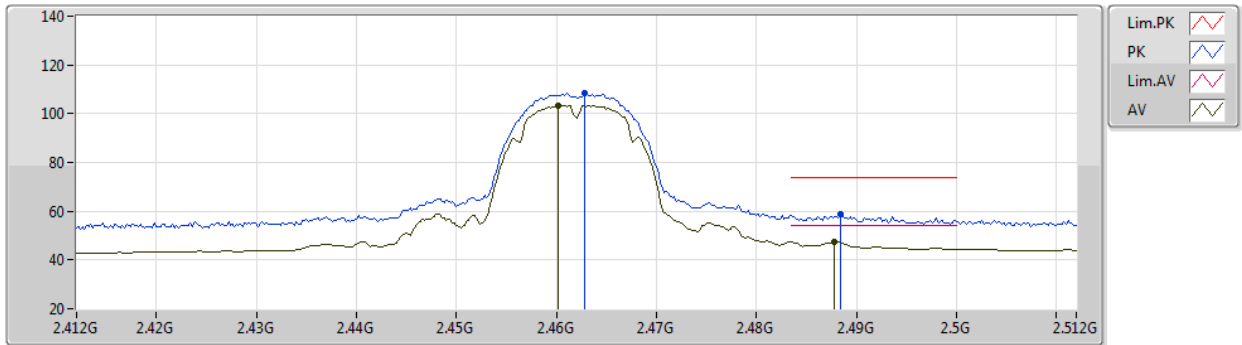
EUT X_1TX
Setting 21
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.458G	107.34	Inf	-Inf	77.53	3	Horizontal	235	1.09	-	27.55	2.26	-
AV	2.4588G	102.63	Inf	-Inf	72.82	3	Horizontal	235	1.09	-	27.55	2.26	-
PK	2.4835G	59.75	74.00	-14.25	29.77	3	Horizontal	235	1.09	-	27.70	2.28	-
AV	2.4836G	48.62	54.00	-5.38	18.64	3	Horizontal	235	1.09	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



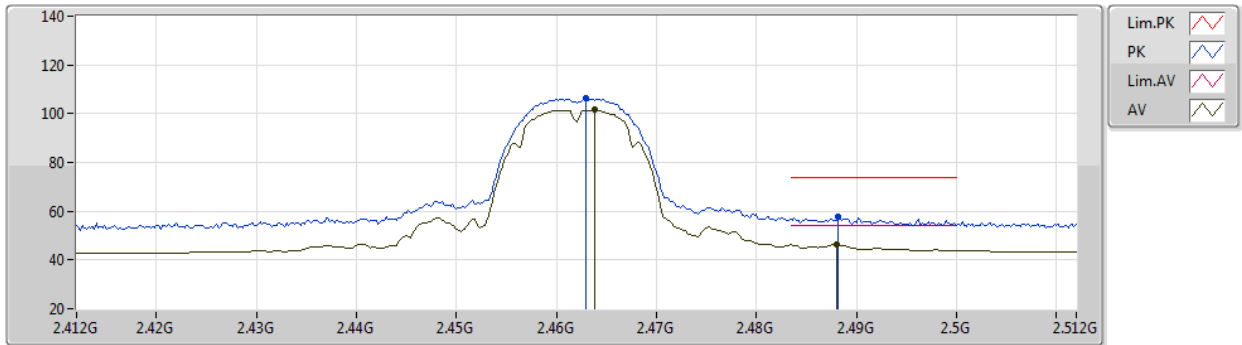
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	108.26	Inf	-Inf	78.42	3	Vertical	318	2.60	-	27.58	2.26	-
AV	2.4602G	103.35	Inf	-Inf	73.53	3	Vertical	318	2.60	-	27.56	2.26	-
PK	2.4884G	58.65	74.00	-15.35	28.63	3	Vertical	318	2.60	-	27.73	2.29	-
AV	2.4878G	47.39	54.00	-6.61	17.37	3	Vertical	318	2.60	-	27.73	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



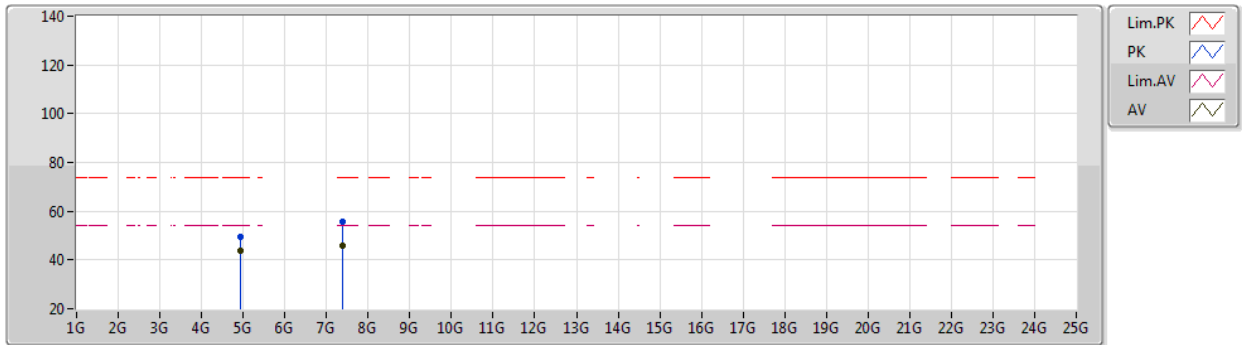
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	106.41	Inf	-Inf	76.57	3	Horizontal	235	1.11	-	27.58	2.26	-
AV	2.4638G	101.55	Inf	-Inf	71.71	3	Horizontal	235	1.11	-	27.58	2.26	-
PK	2.4882G	57.71	74.00	-16.29	27.69	3	Horizontal	235	1.11	-	27.73	2.29	-
AV	2.488G	46.35	54.00	-7.65	16.33	3	Horizontal	235	1.11	-	27.73	2.29	-

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



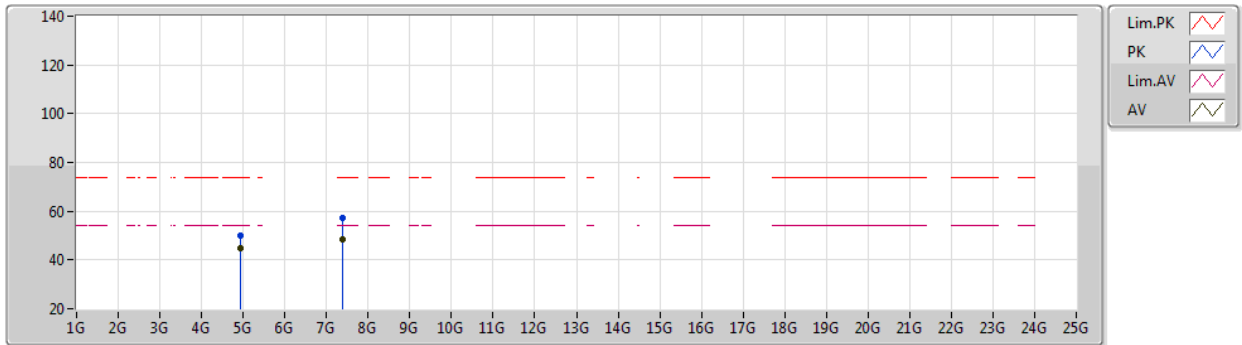
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92396G	49.60	74.00	-24.40	46.40	3	Vertical	355	2.09	-	32.64	5.06	34.50
AV	4.92396G	43.56	54.00	-10.44	40.36	3	Vertical	355	2.09	-	32.64	5.06	34.50
PK	7.38504G	55.71	74.00	-18.29	46.68	3	Vertical	342	1.00	-	37.30	6.39	34.66
AV	7.38772G	45.98	54.00	-8.02	36.95	3	Vertical	342	1.00	-	37.30	6.39	34.66

802.11b_Nss1,(1Mbps)_1TX

01/04/2021

2462MHz_TX



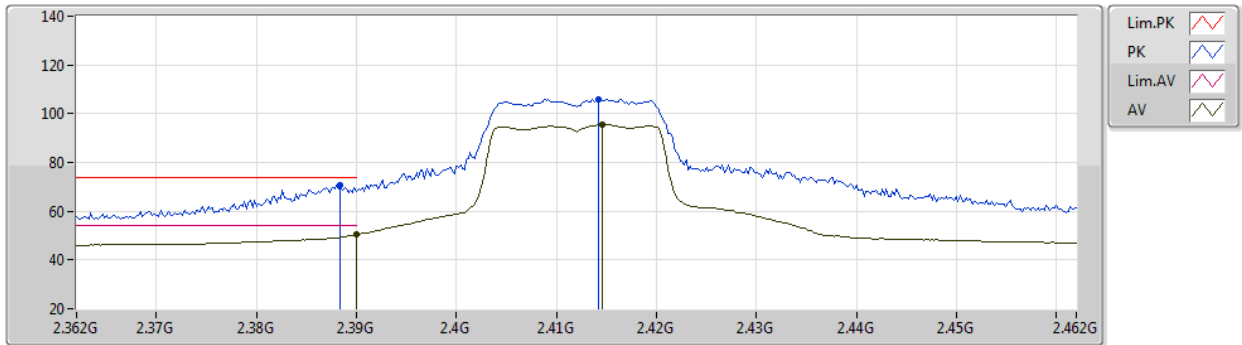
EUT X_1TX
Setting 20
01-F-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92398G	50.02	74.00	-23.98	46.82	3	Horizontal	340	2.30	-	32.64	5.06	34.50
AV	4.92395G	44.93	54.00	-9.07	41.73	3	Horizontal	340	2.30	-	32.64	5.06	34.50
PK	7.38788G	57.16	74.00	-16.84	48.13	3	Horizontal	7	2.16	-	37.30	6.39	34.66
AV	7.38772G	48.43	54.00	-5.57	39.40	3	Horizontal	7	2.16	-	37.30	6.39	34.66

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2412MHz_TX



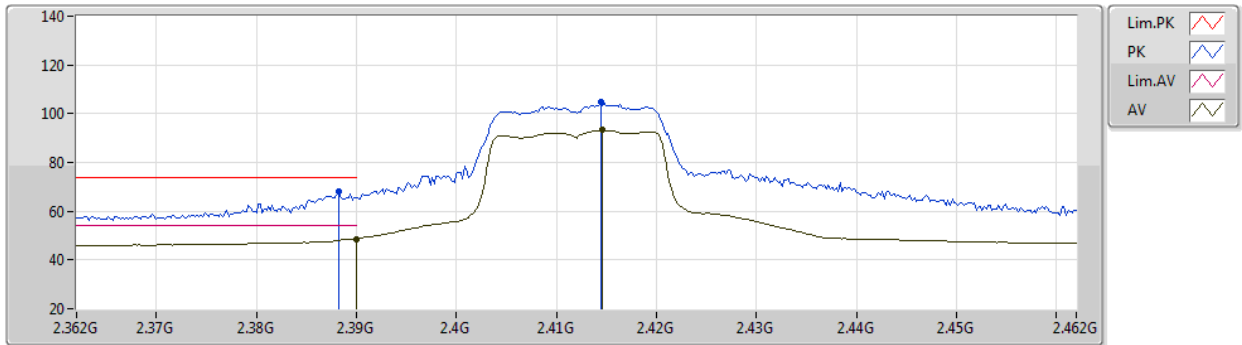
EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3884G	70.74	74.00	-3.26	40.03	3	Vertical	86	2.53	-	28.30	2.41	-
AV	2.39G	50.39	54.00	-3.61	19.68	3	Vertical	86	2.53	-	28.30	2.41	-
PK	2.4142G	106.07	Inf	-Inf	75.33	3	Vertical	86	2.53	-	28.33	2.41	-
AV	2.4146G	95.50	Inf	-Inf	64.76	3	Vertical	86	2.53	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2412MHz_TX



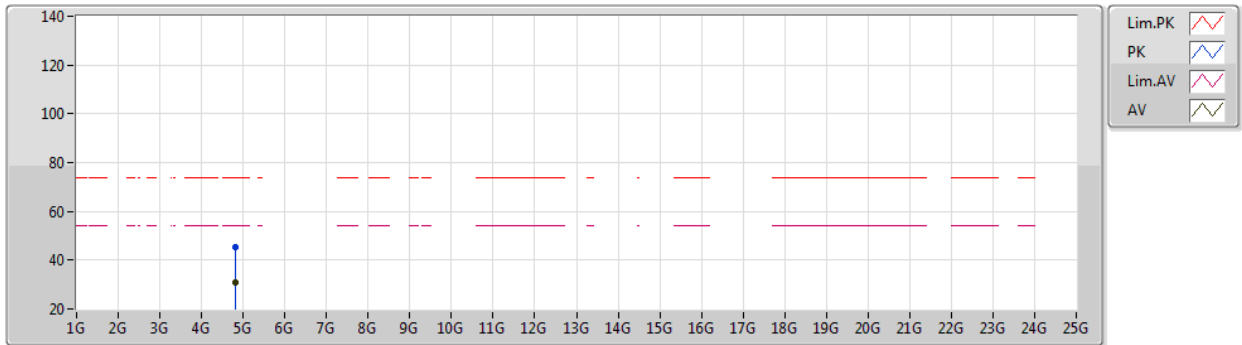
EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	68.08	74.00	-5.92	37.37	3	Horizontal	317	2.89	-	28.30	2.41	-
AV	2.39G	48.70	54.00	-5.30	17.99	3	Horizontal	317	2.89	-	28.30	2.41	-
PK	2.4144G	104.60	Inf	-Inf	73.86	3	Horizontal	317	2.89	-	28.33	2.41	-
AV	2.4146G	93.22	Inf	-Inf	62.48	3	Horizontal	317	2.89	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2412MHz_TX



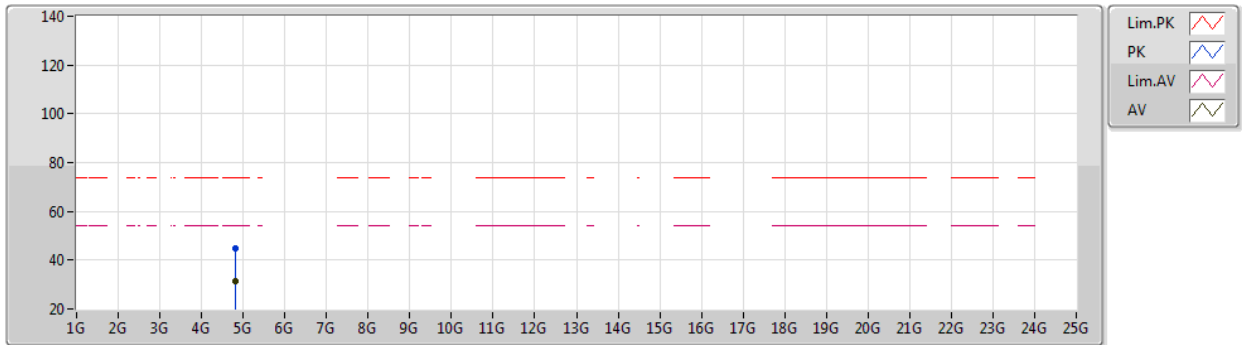
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Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8174G	45.29	74.00	-28.71	39.49	3	Vertical	198	2.32	-	32.87	4.70	31.77
AV	4.82382G	31.10	54.00	-22.90	25.28	3	Vertical	198	2.32	-	32.90	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2412MHz_TX



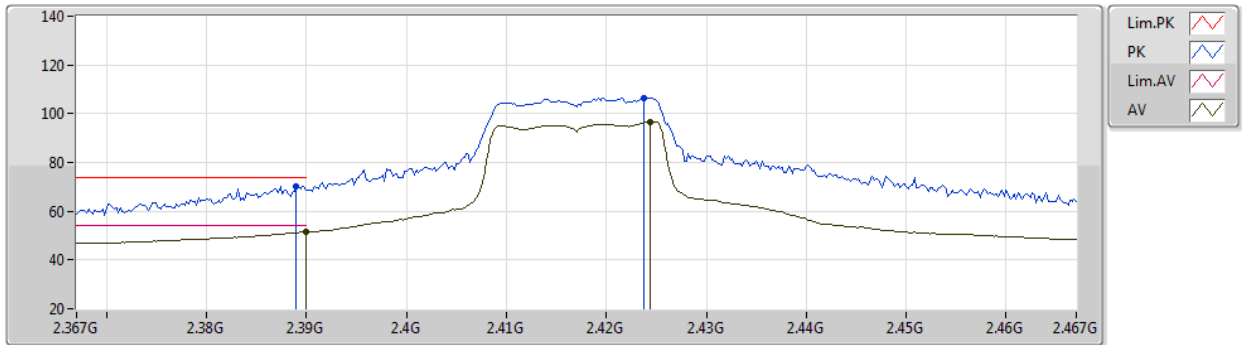
EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82664G	44.79	74.00	-29.21	38.96	3	Horizontal	182	2.88	-	32.91	4.70	31.78
AV	4.82382G	31.21	54.00	-22.79	25.39	3	Horizontal	182	2.88	-	32.90	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2417MHz_TX



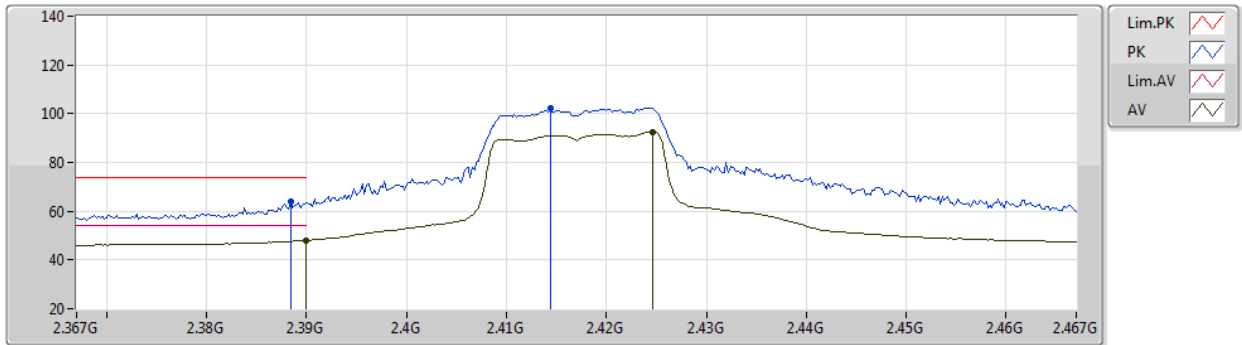
EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	70.43	74.00	-3.57	39.72	3	Vertical	71	2.06	-	28.30	2.41	-
AV	2.39G	51.44	54.00	-2.56	20.73	3	Vertical	71	2.06	-	28.30	2.41	-
PK	2.4238G	106.55	Inf	-Inf	75.79	3	Vertical	71	2.06	-	28.35	2.41	-
AV	2.4244G	96.79	Inf	-Inf	66.03	3	Vertical	71	2.06	-	28.35	2.41	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2417MHz_TX



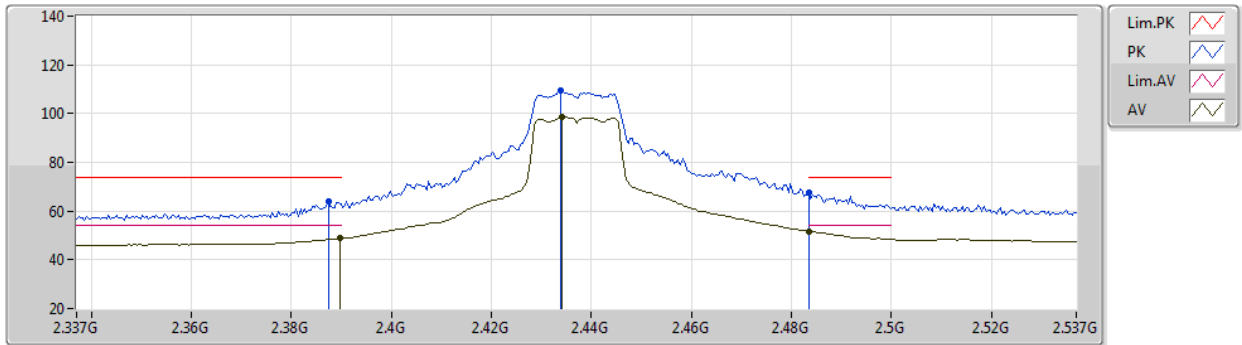
EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3884G	63.74	74.00	-10.26	33.03	3	Horizontal	321	1.77	-	28.30	2.41	-
AV	2.39G	48.03	54.00	-5.97	17.32	3	Horizontal	321	1.77	-	28.30	2.41	-
PK	2.4144G	102.46	Inf	-Inf	71.72	3	Horizontal	321	1.77	-	28.33	2.41	-
AV	2.4246G	92.59	Inf	-Inf	61.83	3	Horizontal	321	1.77	-	28.35	2.41	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2437MHz_TX



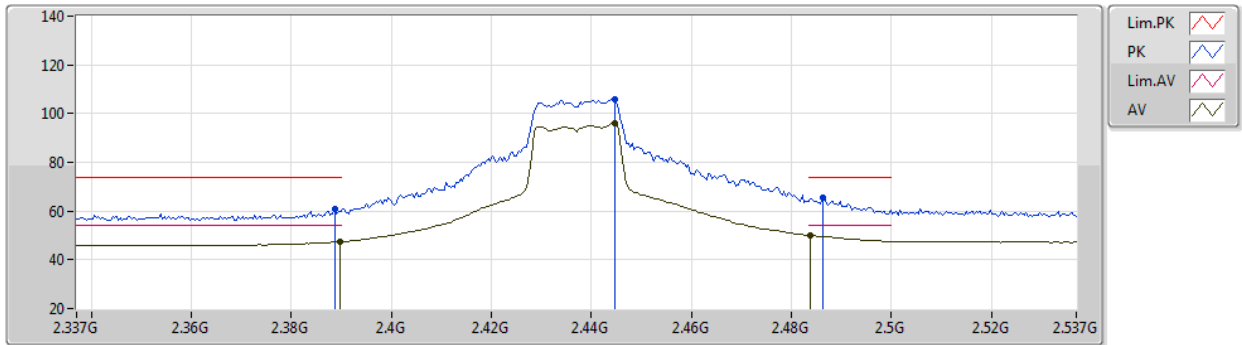
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Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3874G	63.82	74.00	-10.18	33.11	3	Vertical	86	2.46	-	28.30	2.41	-
AV	2.3898G	48.76	54.00	-5.24	18.05	3	Vertical	86	2.46	-	28.30	2.41	-
PK	2.4338G	109.42	Inf	-Inf	78.63	3	Vertical	86	2.46	-	28.37	2.42	-
AV	2.4342G	98.56	Inf	-Inf	67.77	3	Vertical	86	2.46	-	28.37	2.42	-
PK	2.4835G	67.60	74.00	-6.40	36.63	3	Vertical	86	2.46	-	28.53	2.44	-
AV	2.4835G	51.67	54.00	-2.33	20.70	3	Vertical	86	2.46	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2437MHz_TX



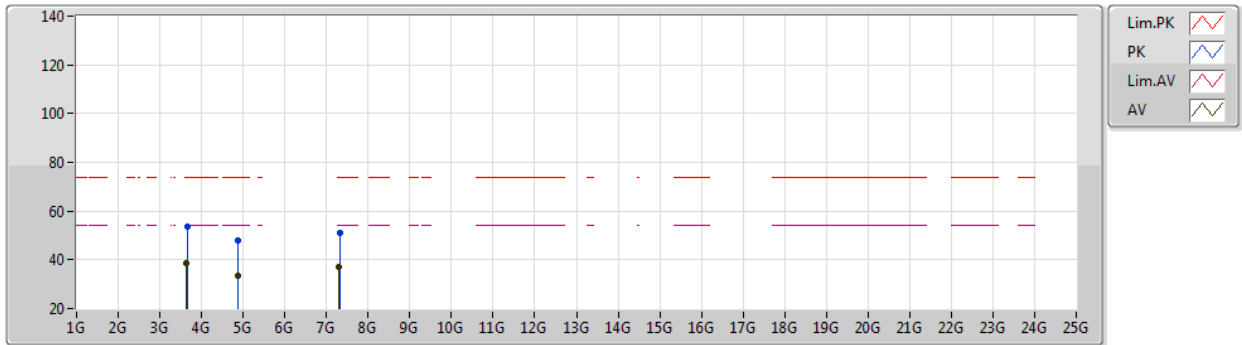
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Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	61.12	74.00	-12.88	30.41	3	Horizontal	321	2.83	-	28.30	2.41	-
AV	2.3898G	47.33	54.00	-6.67	16.62	3	Horizontal	321	2.83	-	28.30	2.41	-
PK	2.4446G	105.78	Inf	-Inf	74.97	3	Horizontal	321	2.83	-	28.39	2.42	-
AV	2.4446G	95.93	Inf	-Inf	65.12	3	Horizontal	321	2.83	-	28.39	2.42	-
PK	2.4862G	65.64	74.00	-8.36	34.66	3	Horizontal	321	2.83	-	28.54	2.44	-
AV	2.4838G	50.09	54.00	-3.91	19.11	3	Horizontal	321	2.83	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2437MHz_TX



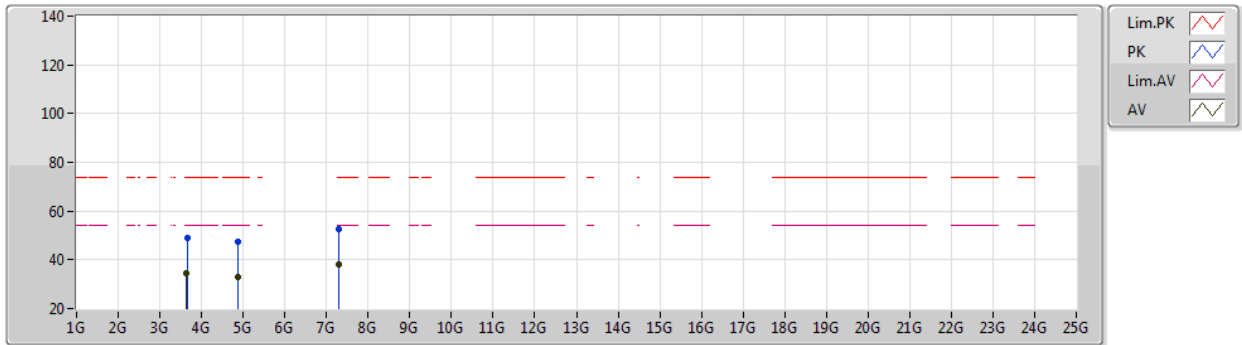
EUT X_1TX
Setting 21
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	3.64966G	53.51	74.00	-20.49	50.00	3	Vertical	40	2.78	-	31.50	3.95	31.94
AV	3.64782G	38.69	54.00	-15.31	35.19	3	Vertical	40	2.78	-	31.49	3.95	31.94
PK	4.87436G	48.02	74.00	-25.98	42.01	3	Vertical	170	2.39	-	33.10	4.70	31.79
AV	4.874G	33.32	54.00	-20.68	27.31	3	Vertical	170	2.39	-	33.10	4.70	31.79
PK	7.31028G	51.08	74.00	-22.92	41.32	3	Vertical	196	2.02	-	36.42	5.76	32.42
AV	7.30842G	37.10	54.00	-16.90	27.35	3	Vertical	196	2.02	-	36.42	5.75	32.42

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2437MHz_TX



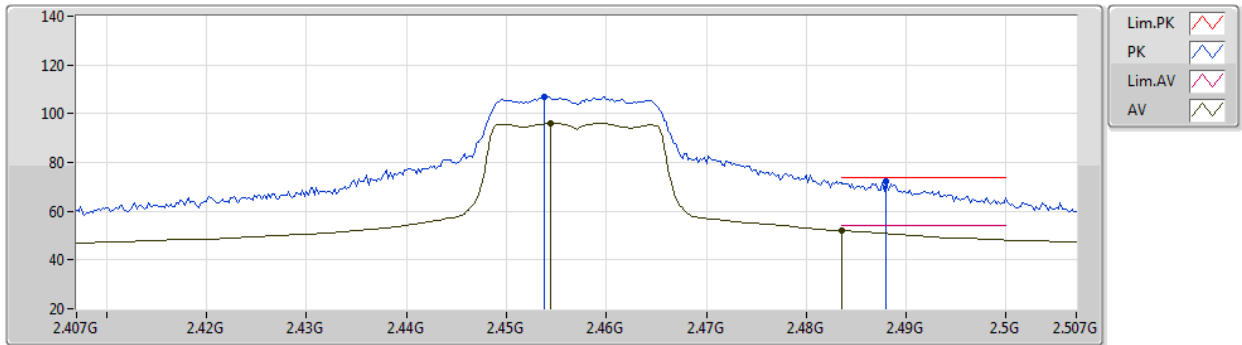
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Setting 21
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	3.65286G	48.85	74.00	-25.15	45.31	3	Horizontal	217	2.15	-	31.53	3.95	31.94
AV	3.64814G	34.50	54.00	-19.50	31.00	3	Horizontal	217	2.15	-	31.49	3.95	31.94
PK	4.87022G	47.36	74.00	-26.64	41.37	3	Horizontal	179	2.46	-	33.08	4.70	31.79
AV	4.87364G	32.75	54.00	-21.25	26.75	3	Horizontal	179	2.46	-	33.09	4.70	31.79
PK	7.30998G	52.62	74.00	-21.38	42.87	3	Horizontal	220	2.30	-	36.42	5.75	32.42
AV	7.30884G	38.36	54.00	-15.64	28.61	3	Horizontal	220	2.30	-	36.42	5.75	32.42

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2457MHz_TX



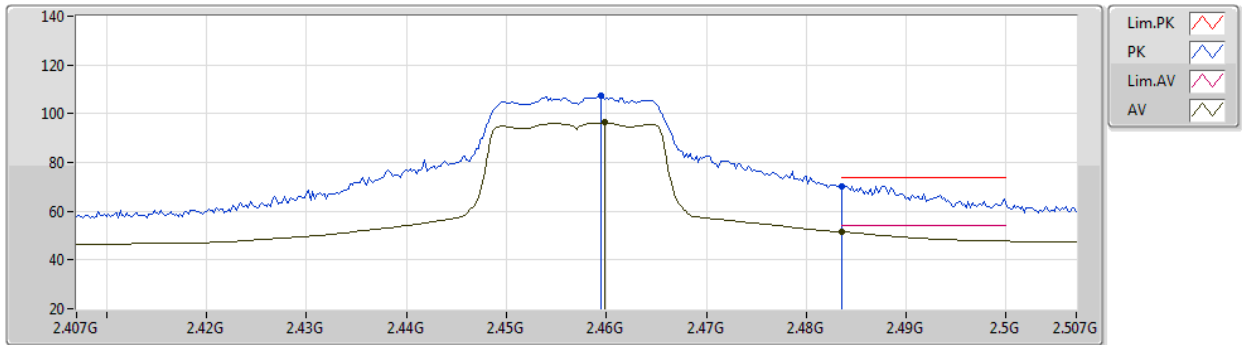
EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4538G	106.98	Inf	-Inf	76.13	3	Vertical	62	1.55	-	28.42	2.43	-
AV	2.4544G	96.12	Inf	-Inf	65.27	3	Vertical	62	1.55	-	28.42	2.43	-
PK	2.488G	72.02	74.00	-1.98	41.03	3	Vertical	62	1.55	-	28.55	2.44	-
AV	2.4836G	52.03	54.00	-1.97	21.06	3	Vertical	62	1.55	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2457MHz_TX



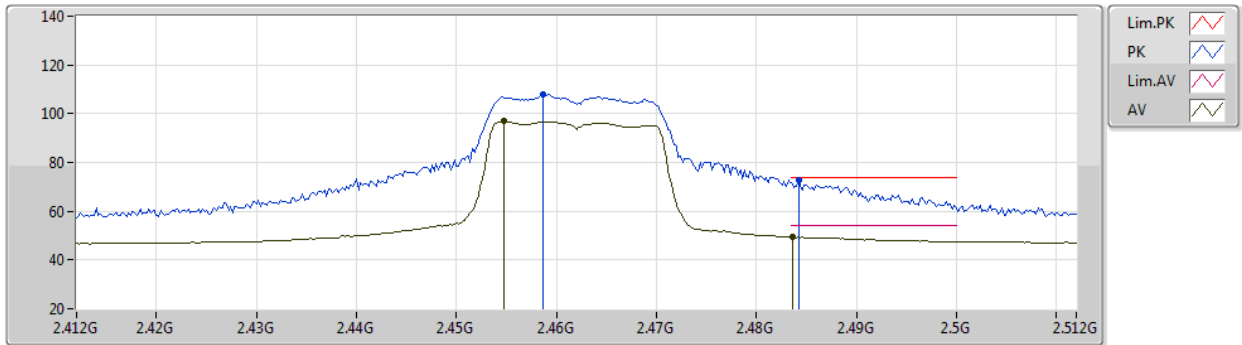
EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4594G	107.49	Inf	-Inf	76.62	3	Horizontal	221	2.84	-	28.44	2.43	-
AV	2.4598G	96.30	Inf	-Inf	65.43	3	Horizontal	221	2.84	-	28.44	2.43	-
PK	2.4835G	70.30	74.00	-3.70	39.33	3	Horizontal	221	2.84	-	28.53	2.44	-
AV	2.4835G	51.52	54.00	-2.48	20.55	3	Horizontal	221	2.84	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2462MHz_TX



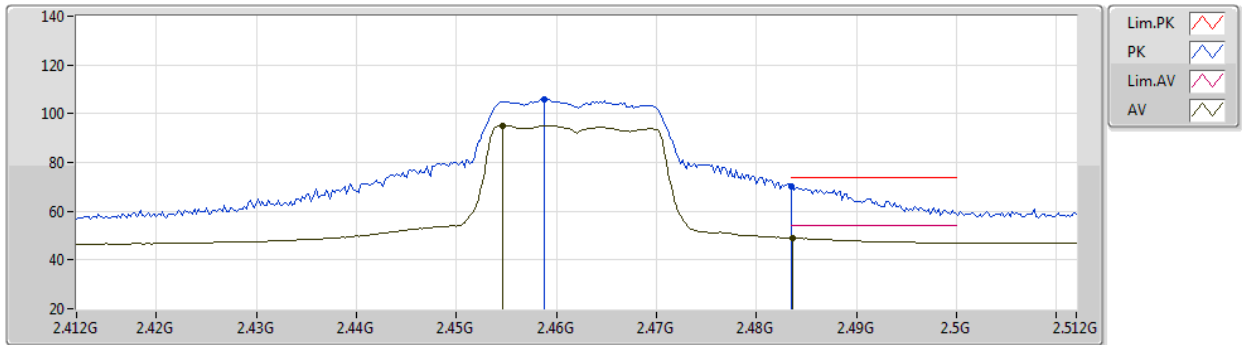
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Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4586G	107.83	Inf	-Inf	76.97	3	Vertical	101	2.02	-	28.43	2.43	-
AV	2.4548G	96.86	Inf	-Inf	66.01	3	Vertical	101	2.02	-	28.42	2.43	-
PK	2.4842G	72.66	74.00	-1.34	41.68	3	Vertical	101	2.02	-	28.54	2.44	-
AV	2.4836G	49.33	54.00	-4.67	18.36	3	Vertical	101	2.02	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2462MHz_TX



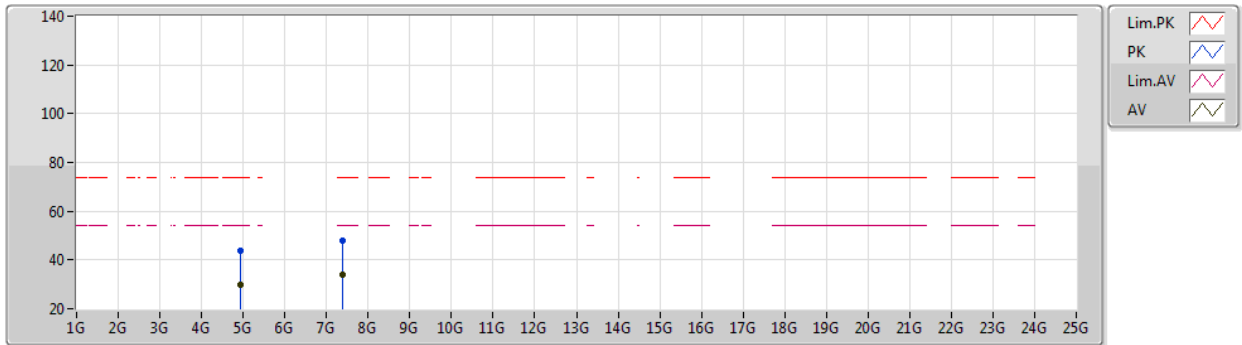
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Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4588G	106.08	Inf	-Inf	75.21	3	Horizontal	197	2.84	-	28.44	2.43	-
AV	2.4546G	95.14	Inf	-Inf	64.29	3	Horizontal	197	2.84	-	28.42	2.43	-
PK	2.4835G	70.34	74.00	-3.66	39.37	3	Horizontal	197	2.84	-	28.53	2.44	-
AV	2.4836G	49.05	54.00	-4.95	18.08	3	Horizontal	197	2.84	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2462MHz_TX



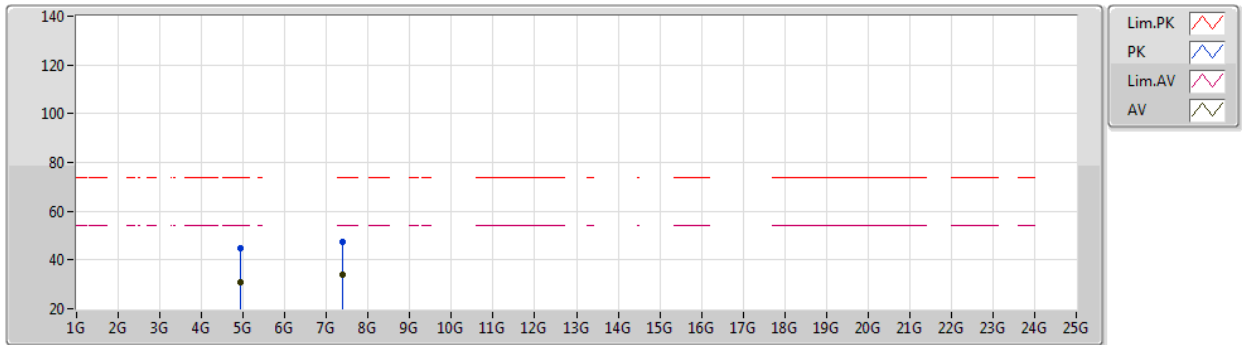
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Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.93228G	43.64	74.00	-30.36	37.56	3	Vertical	360	1.11	-	33.20	4.70	31.82
AV	4.92736G	30.05	54.00	-23.95	23.96	3	Vertical	360	1.11	-	33.20	4.70	31.81
PK	7.39092G	47.75	74.00	-26.25	37.99	3	Vertical	233	2.57	-	36.42	5.80	32.46
AV	7.38852G	34.15	54.00	-19.85	24.40	3	Vertical	233	2.57	-	36.42	5.79	32.46

802.11g_Nss1,(6Mbps)_1TX

22/03/2021

2462MHz_TX



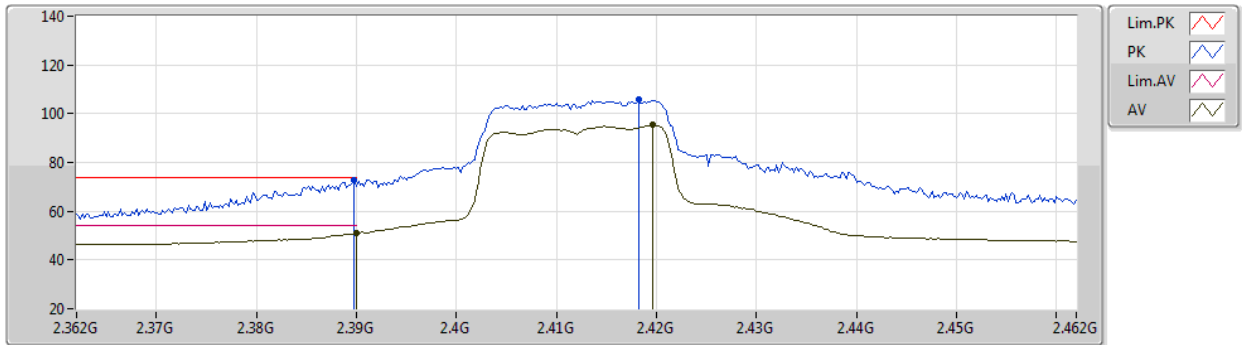
EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92322G	44.77	74.00	-29.23	38.68	3	Horizontal	20	2.19	-	33.20	4.70	31.81
AV	4.92358G	30.84	54.00	-23.16	24.75	3	Horizontal	20	2.19	-	33.20	4.70	31.81
PK	7.386G	47.56	74.00	-26.44	37.79	3	Horizontal	217	2.06	-	36.43	5.79	32.45
AV	7.3869G	34.07	54.00	-19.93	24.30	3	Horizontal	217	2.06	-	36.43	5.79	32.45

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2412MHz_TX

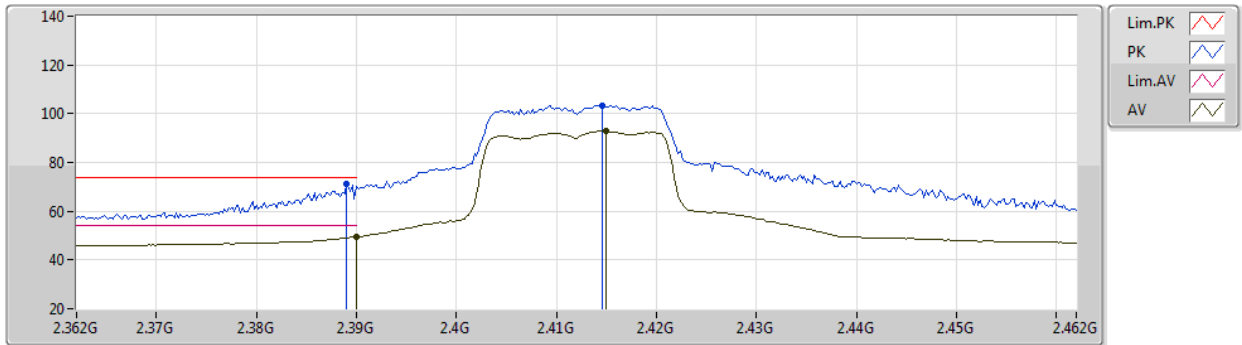

EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	72.53	74.00	-1.47	41.82	3	Vertical	88	1.80	-	28.30	2.41	-
AV	2.39G	50.90	54.00	-3.10	20.19	3	Vertical	88	1.80	-	28.30	2.41	-
PK	2.4182G	105.77	Inf	-Inf	75.02	3	Vertical	88	1.80	-	28.34	2.41	-
AV	2.4196G	95.31	Inf	-Inf	64.56	3	Vertical	88	1.80	-	28.34	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2412MHz_TX

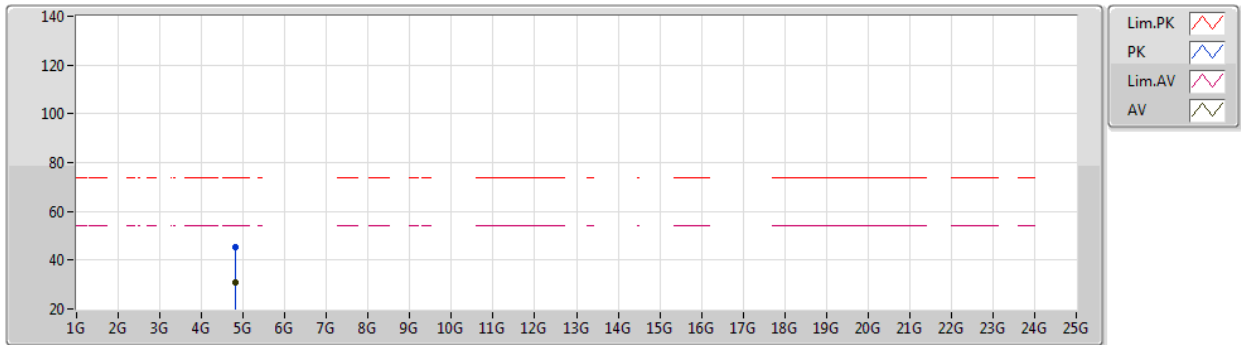

EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	70.97	74.00	-3.03	40.26	3	Horizontal	313	2.89	-	28.30	2.41	-
AV	2.39G	49.56	54.00	-4.44	18.85	3	Horizontal	313	2.89	-	28.30	2.41	-
PK	2.4146G	103.50	Inf	-Inf	72.76	3	Horizontal	313	2.89	-	28.33	2.41	-
AV	2.415G	93.00	Inf	-Inf	62.26	3	Horizontal	313	2.89	-	28.33	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2412MHz_TX

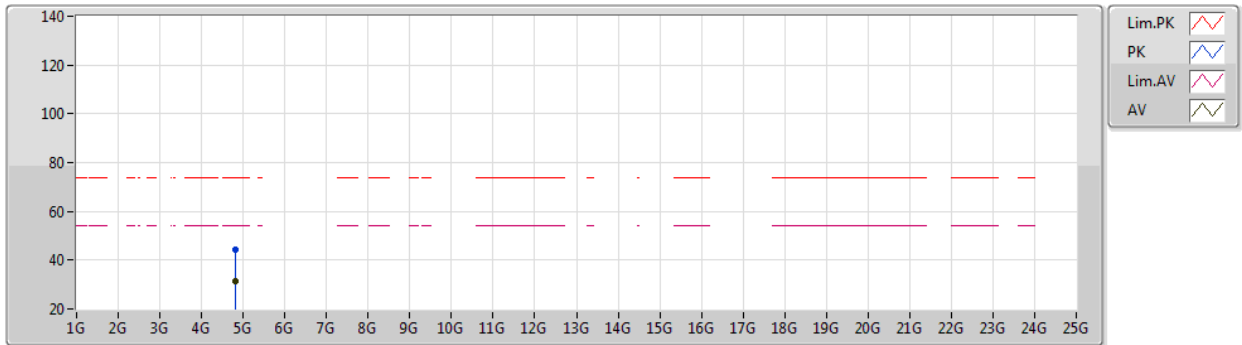

EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.82718G	45.56	74.00	-28.44	39.73	3	Vertical	193	1.11	-	32.91	4.70	31.78	
AV	4.82394G	30.92	54.00	-23.08	25.10	3	Vertical	193	1.11	-	32.90	4.70	31.78	

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2412MHz_TX

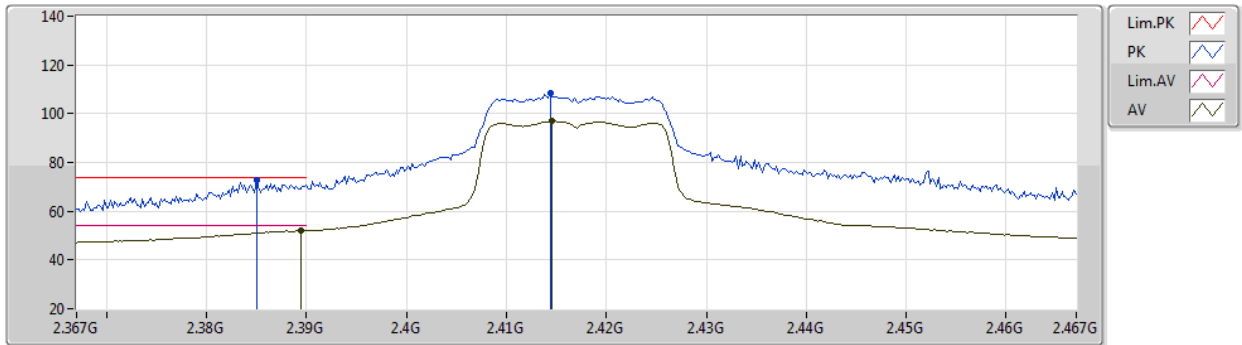

EUT X_1TX
Setting 18
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.81398G	44.50	74.00	-29.50	38.71	3	Horizontal	193	2.61	-	32.86	4.70	31.77
AV	4.82478G	31.17	54.00	-22.83	25.35	3	Horizontal	193	2.61	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2417MHz_TX

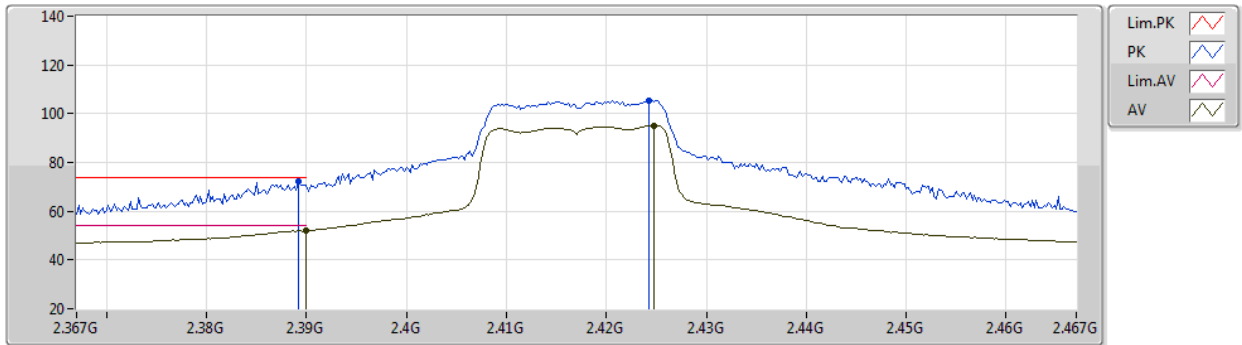

EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.385G	72.56	74.00	-1.44	41.85	3	Vertical	77	1.48	-	28.30	2.41	-
AV	2.3894G	52.04	54.00	-1.96	21.33	3	Vertical	77	1.48	-	28.30	2.41	-
PK	2.4144G	108.19	Inf	-Inf	77.45	3	Vertical	77	1.48	-	28.33	2.41	-
AV	2.4146G	97.04	Inf	-Inf	66.30	3	Vertical	77	1.48	-	28.33	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2417MHz_TX

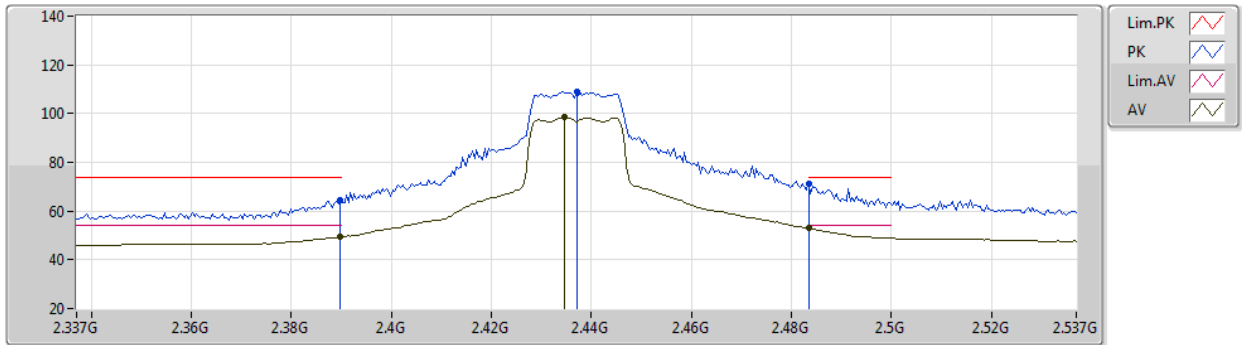

EUT X_1TX
Setting 19
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	72.00	74.00	-2.00	41.29	3	Horizontal	226	2.66	-	28.30	2.41	-
AV	2.39G	52.13	54.00	-1.87	21.42	3	Horizontal	226	2.66	-	28.30	2.41	-
PK	2.4242G	105.38	Inf	-Inf	74.62	3	Horizontal	226	2.66	-	28.35	2.41	-
AV	2.4248G	95.22	Inf	-Inf	64.46	3	Horizontal	226	2.66	-	28.35	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

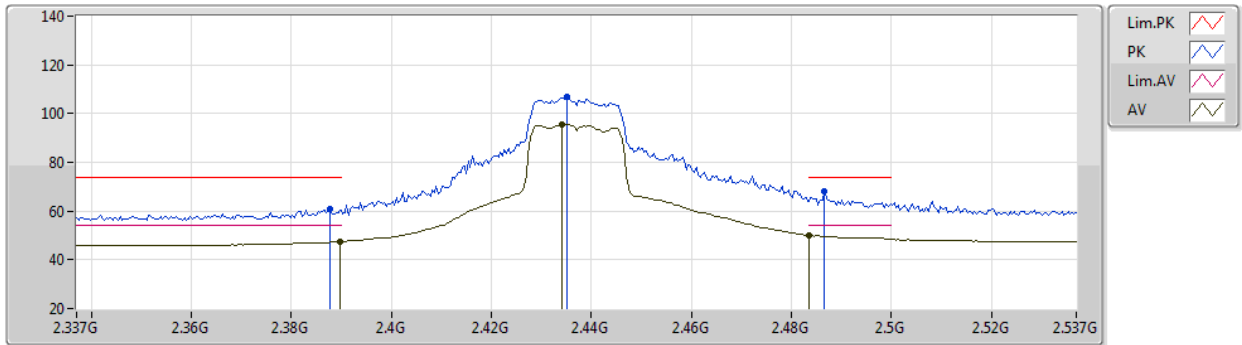

EUT X_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.51	74.00	-9.49	33.80	3	Vertical	87	2.46	-	28.30	2.41	-
AV	2.3898G	49.30	54.00	-4.70	18.59	3	Vertical	87	2.46	-	28.30	2.41	-
PK	2.437G	108.90	Inf	-Inf	78.11	3	Vertical	87	2.46	-	28.37	2.42	-
AV	2.4346G	98.52	Inf	-Inf	67.73	3	Vertical	87	2.46	-	28.37	2.42	-
PK	2.4835G	71.14	74.00	-2.86	40.17	3	Vertical	87	2.46	-	28.53	2.44	-
AV	2.4835G	52.93	54.00	-1.07	21.96	3	Vertical	87	2.46	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

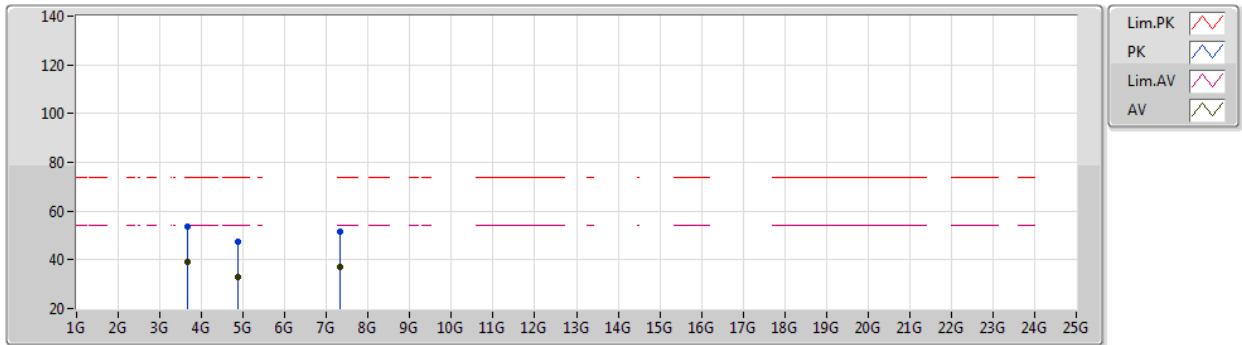

EUT X_1TX
Setting 21
02-B-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3878G	60.80	74.00	-13.20	30.09	3	Horizontal	320	1.76	-	28.30	2.41	-
AV	2.3898G	47.34	54.00	-6.66	16.63	3	Horizontal	320	1.76	-	28.30	2.41	-
PK	2.435G	106.68	Inf	-Inf	75.89	3	Horizontal	320	1.76	-	28.37	2.42	-
AV	2.4342G	95.75	Inf	-Inf	64.96	3	Horizontal	320	1.76	-	28.37	2.42	-
PK	2.4866G	67.95	74.00	-6.05	36.96	3	Horizontal	320	1.76	-	28.55	2.44	-
AV	2.4835G	50.04	54.00	-3.96	19.07	3	Horizontal	320	1.76	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

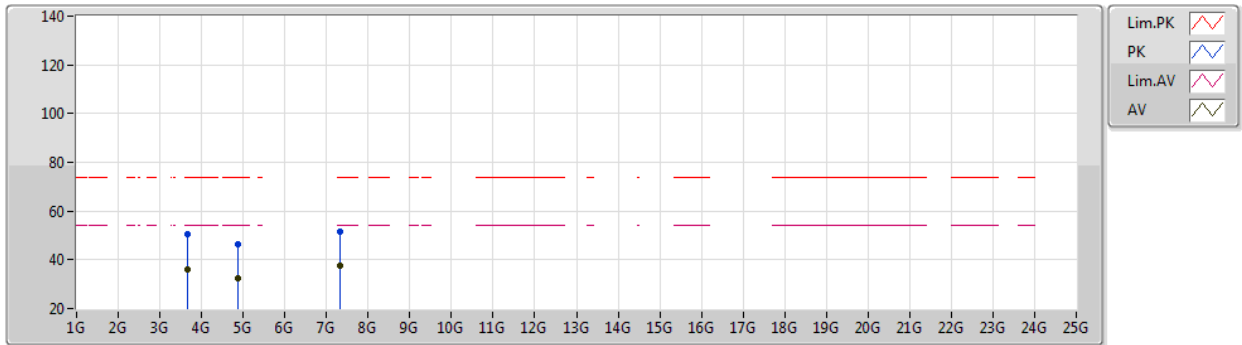

EUT X_1TX
Setting 21
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	3.65114G	53.46	74.00	-20.54	49.94	3	Vertical	38	2.44	-	31.51	3.95	31.94
AV	3.6533G	39.08	54.00	-14.92	35.54	3	Vertical	38	2.44	-	31.53	3.95	31.94
PK	4.8785G	47.56	74.00	-26.44	41.55	3	Vertical	165	2.25	-	33.11	4.70	31.80
AV	4.87394G	32.80	54.00	-21.20	26.79	3	Vertical	165	2.25	-	33.10	4.70	31.79
PK	7.31358G	51.72	74.00	-22.28	41.96	3	Vertical	194	2.01	-	36.43	5.76	32.43
AV	7.311G	37.12	54.00	-16.88	27.36	3	Vertical	194	2.01	-	36.42	5.76	32.42

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

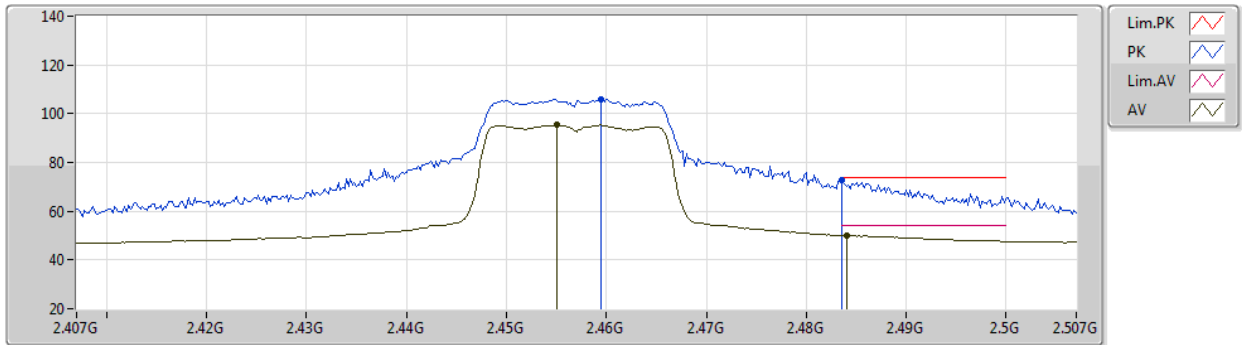

EUT X_1TX
Setting 21
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	3.65266G	50.51	74.00	-23.49	46.97	3	Horizontal	228	2.49	-	31.53	3.95	31.94
AV	3.65298G	36.19	54.00	-17.81	32.65	3	Horizontal	228	2.49	-	31.53	3.95	31.94
PK	4.87298G	46.15	74.00	-27.85	40.15	3	Horizontal	109	2.29	-	33.09	4.70	31.79
AV	4.87382G	32.53	54.00	-21.47	26.52	3	Horizontal	109	2.29	-	33.10	4.70	31.79
PK	7.31568G	51.43	74.00	-22.57	41.67	3	Horizontal	190	1.10	-	36.43	5.76	32.43
AV	7.314G	37.36	54.00	-16.64	27.60	3	Horizontal	190	1.10	-	36.43	5.76	32.43

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2457MHz_TX

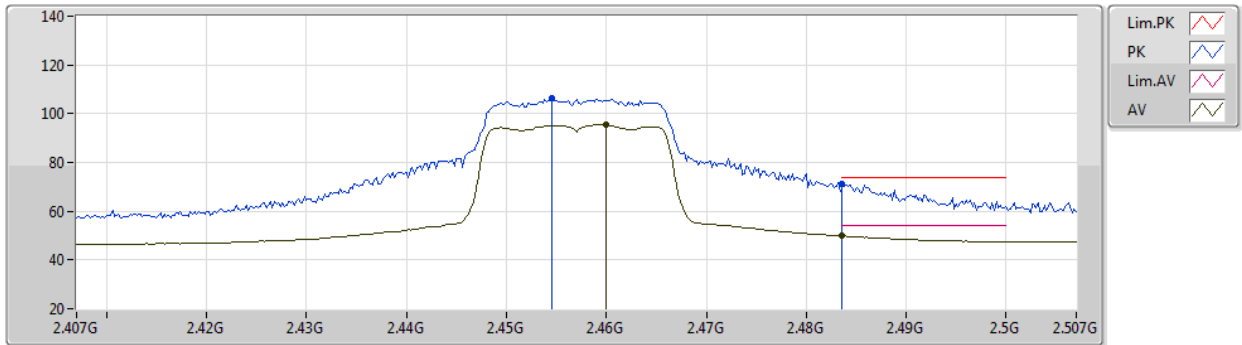

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4594G	105.97	Inf	-Inf	75.10	3	Vertical	62	1.56	-	28.44	2.43	-
AV	2.455G	95.29	Inf	-Inf	64.44	3	Vertical	62	1.56	-	28.42	2.43	-
PK	2.4835G	72.91	74.00	-1.09	41.94	3	Vertical	62	1.56	-	28.53	2.44	-
AV	2.484G	50.09	54.00	-3.91	19.11	3	Vertical	62	1.56	-	28.54	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2457MHz_TX

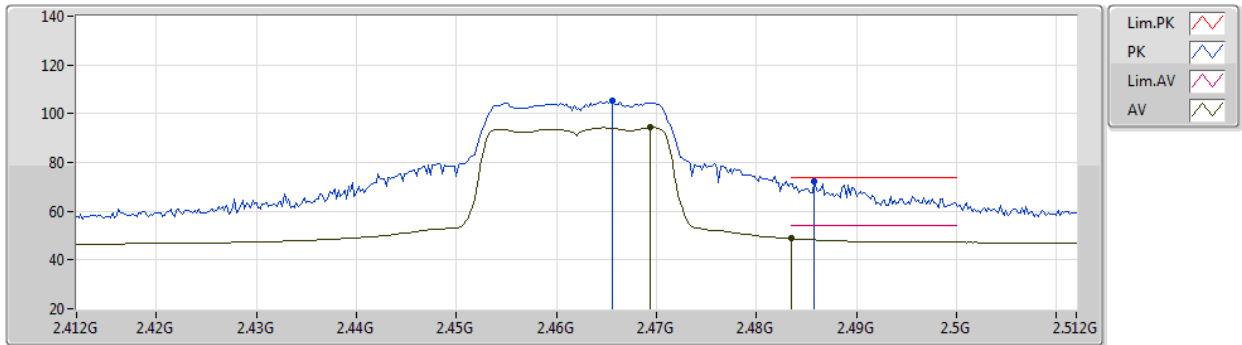

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4546G	106.26	Inf	-Inf	75.41	3	Horizontal	219	2.84	-	28.42	2.43	-
AV	2.46G	95.40	Inf	-Inf	64.53	3	Horizontal	219	2.84	-	28.44	2.43	-
PK	2.4836G	71.22	74.00	-2.78	40.25	3	Horizontal	219	2.84	-	28.53	2.44	-
AV	2.4835G	49.93	54.00	-4.07	18.96	3	Horizontal	219	2.84	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2462MHz_TX

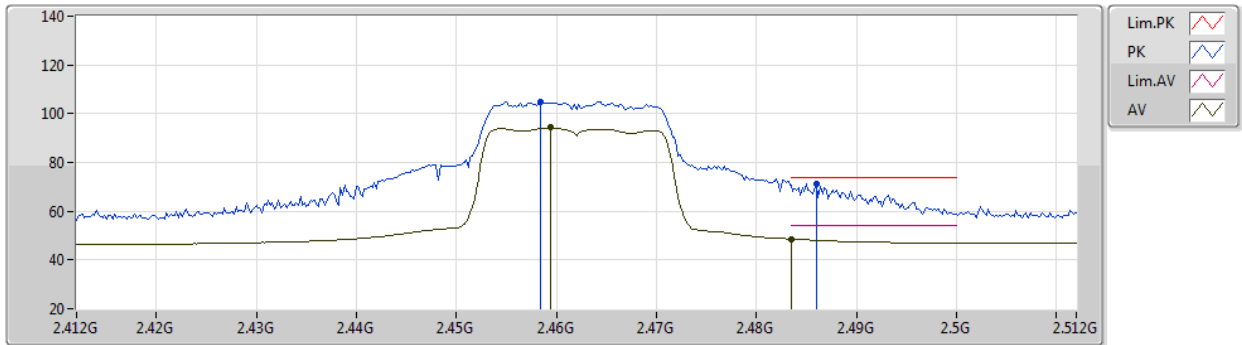

EUT X_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4656G	105.49	Inf	-Inf	74.60	3	Vertical	65	1.75	-	28.46	2.43	-
AV	2.4694G	94.35	Inf	-Inf	63.44	3	Vertical	65	1.75	-	28.48	2.43	-
PK	2.4858G	72.04	74.00	-1.96	41.06	3	Vertical	65	1.75	-	28.54	2.44	-
AV	2.4835G	48.76	54.00	-5.24	17.79	3	Vertical	65	1.75	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2462MHz_TX

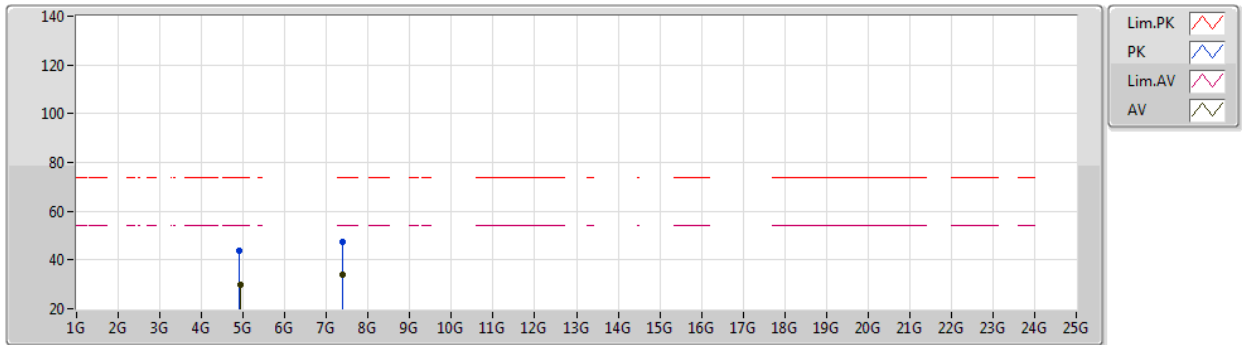

EUT X_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4584G	104.70	Inf	-Inf	73.84	3	Horizontal	222	2.85	-	28.43	2.43	-
AV	2.4594G	94.24	Inf	-Inf	63.37	3	Horizontal	222	2.85	-	28.44	2.43	-
PK	2.486G	71.34	74.00	-2.66	40.36	3	Horizontal	222	2.85	-	28.54	2.44	-
AV	2.4835G	48.58	54.00	-5.42	17.61	3	Horizontal	222	2.85	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2462MHz_TX

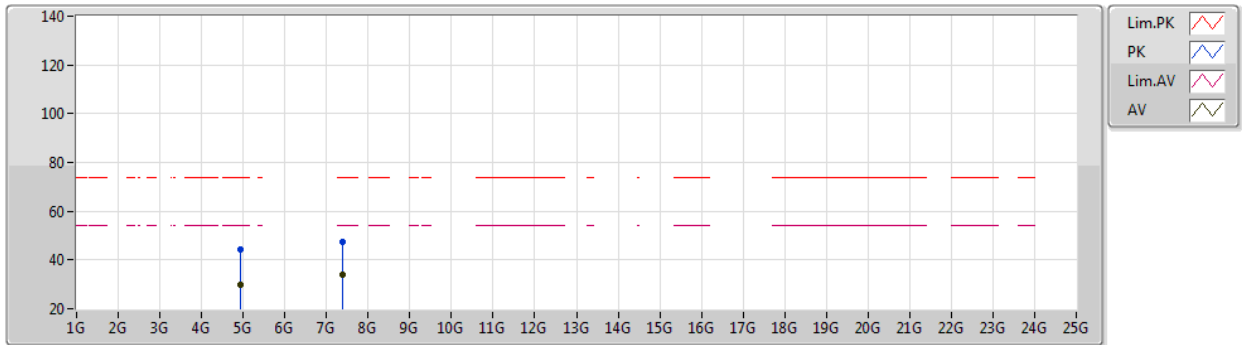

EUT X_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.91506G	43.83	74.00	-30.17	37.74	3	Vertical	264	2.64	-	33.20	4.70	31.81
AV	4.92526G	30.05	54.00	-23.95	23.96	3	Vertical	264	2.64	-	33.20	4.70	31.81
PK	7.3995G	47.48	74.00	-26.52	37.74	3	Vertical	190	2.66	-	36.40	5.80	32.46
AV	7.37712G	33.74	54.00	-20.26	23.95	3	Vertical	190	2.66	-	36.45	5.79	32.45

802.11n HT20_Nss1,(MCS0)_1TX

22/03/2021

2462MHz_TX

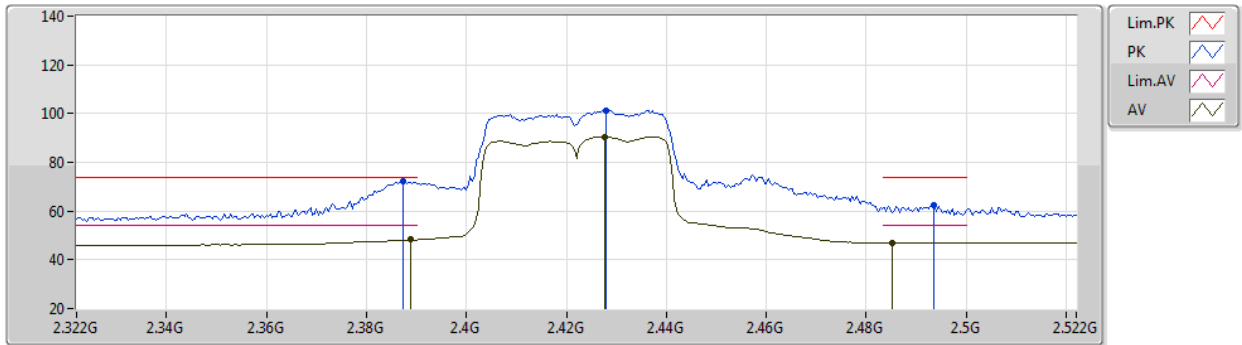

EUT X_1TX
Setting 17
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.93012G	44.28	74.00	-29.72	38.19	3	Horizontal	24	1.80	-	33.20	4.70	31.81
AV	4.92556G	30.06	54.00	-23.94	23.97	3	Horizontal	24	1.80	-	33.20	4.70	31.81
PK	7.39428G	47.28	74.00	-26.72	37.53	3	Horizontal	113	1.59	-	36.41	5.80	32.46
AV	7.37664G	33.73	54.00	-20.27	23.94	3	Horizontal	113	1.59	-	36.45	5.79	32.45

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2422MHz_TX

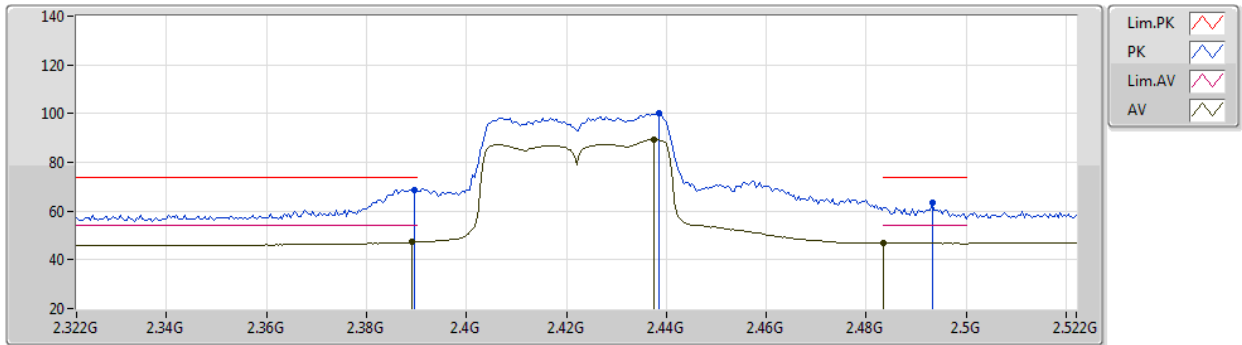

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	71.99	74.00	-2.01	41.28	3	Vertical	72	2.07	-	28.30	2.41	-
AV	2.3888G	48.33	54.00	-5.67	17.62	3	Vertical	72	2.07	-	28.30	2.41	-
PK	2.428G	101.34	Inf	-Inf	70.57	3	Vertical	72	2.07	-	28.36	2.41	-
AV	2.4276G	90.54	Inf	-Inf	59.77	3	Vertical	72	2.07	-	28.36	2.41	-
PK	2.4936G	62.60	74.00	-11.40	31.58	3	Vertical	72	2.07	-	28.57	2.45	-
AV	2.4852G	46.85	54.00	-7.15	15.87	3	Vertical	72	2.07	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2422MHz_TX

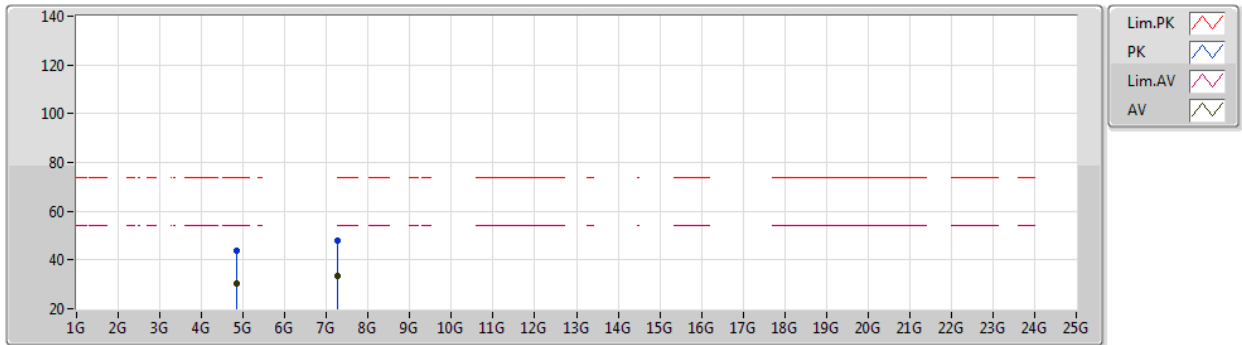

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	68.87	74.00	-5.13	38.16	3	Horizontal	224	2.61	-	28.30	2.41	-
AV	2.3892G	47.41	54.00	-6.59	16.70	3	Horizontal	224	2.61	-	28.30	2.41	-
PK	2.4384G	100.14	Inf	-Inf	69.34	3	Horizontal	224	2.61	-	28.38	2.42	-
AV	2.4376G	89.31	Inf	-Inf	58.51	3	Horizontal	224	2.61	-	28.38	2.42	-
PK	2.4932G	63.42	74.00	-10.58	32.40	3	Horizontal	224	2.61	-	28.57	2.45	-
AV	2.4835G	46.85	54.00	-7.15	15.88	3	Horizontal	224	2.61	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2422MHz_TX

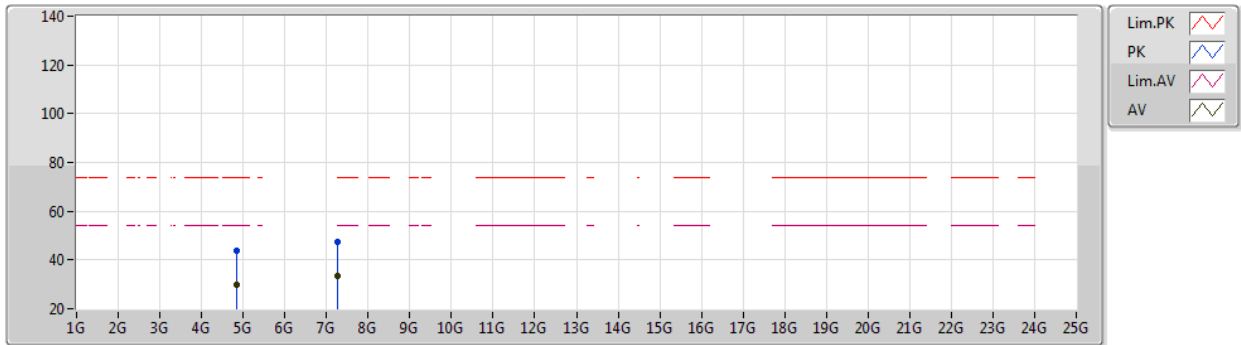

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.85012G	43.72	74.00	-30.28	37.81	3	Vertical	163	1.24	-	33.00	4.70	31.79
AV	4.84334G	30.24	54.00	-23.76	24.35	3	Vertical	163	1.24	-	32.97	4.70	31.78
PK	7.2711G	47.80	74.00	-26.20	38.19	3	Vertical	30	2.19	-	36.28	5.74	32.41
AV	7.2591G	33.63	54.00	-20.37	24.06	3	Vertical	30	2.19	-	36.24	5.73	32.40

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2422MHz_TX

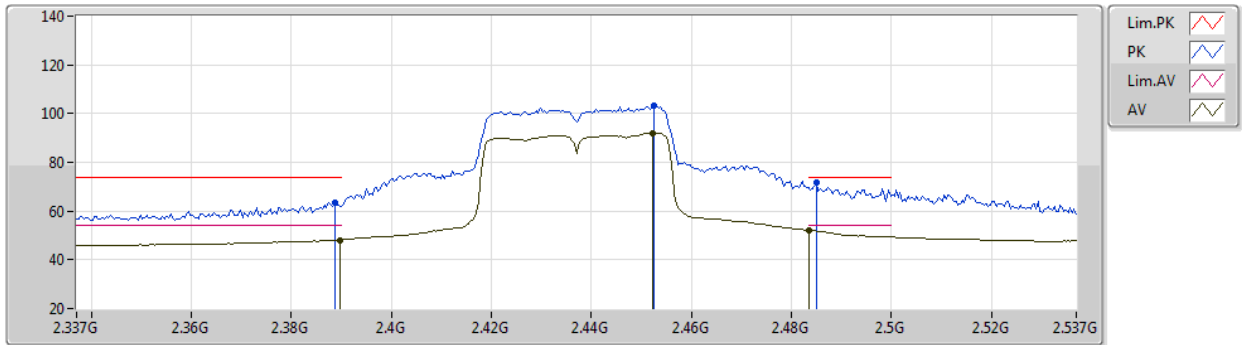

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84172G	43.87	74.00	-30.13	37.98	3	Horizontal	105	1.80	-	32.97	4.70	31.78
AV	4.8341G	30.08	54.00	-23.92	24.22	3	Horizontal	105	1.80	-	32.94	4.70	31.78
PK	7.26246G	47.17	74.00	-26.83	37.59	3	Horizontal	3	2.33	-	36.25	5.73	32.40
AV	7.26216G	33.60	54.00	-20.40	24.02	3	Horizontal	3	2.33	-	36.25	5.73	32.40

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

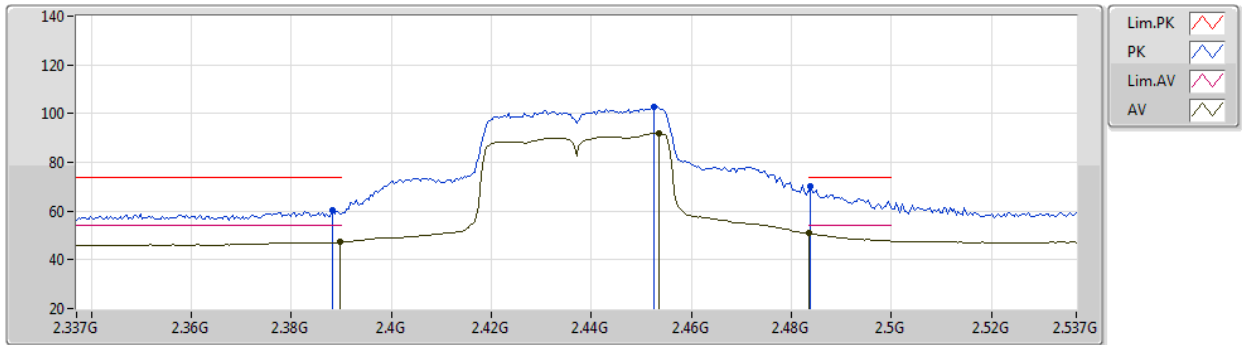

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	63.49	74.00	-10.51	32.78	3	Vertical	217	1.77	-	28.30	2.41	-
AV	2.3898G	48.18	54.00	-5.82	17.47	3	Vertical	217	1.77	-	28.30	2.41	-
PK	2.4526G	103.03	Inf	-Inf	72.19	3	Vertical	217	1.77	-	28.41	2.43	-
AV	2.4522G	92.09	Inf	-Inf	61.25	3	Vertical	217	1.77	-	28.41	2.43	-
PK	2.485G	71.79	74.00	-2.21	40.81	3	Vertical	217	1.77	-	28.54	2.44	-
AV	2.4835G	52.12	54.00	-1.88	21.15	3	Vertical	217	1.77	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

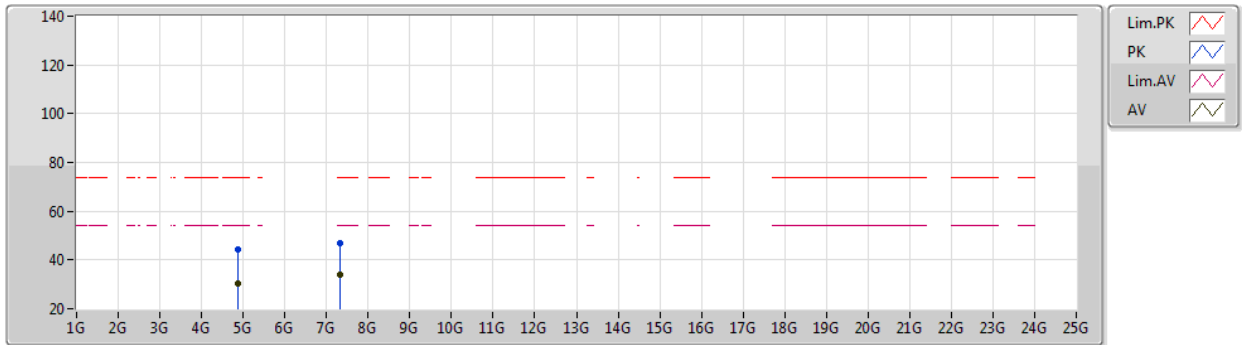

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	60.25	74.00	-13.75	29.54	3	Horizontal	221	2.88	-	28.30	2.41	-
AV	2.3898G	47.23	54.00	-6.77	16.52	3	Horizontal	221	2.88	-	28.30	2.41	-
PK	2.4526G	102.91	Inf	-Inf	72.07	3	Horizontal	221	2.88	-	28.41	2.43	-
AV	2.4534G	91.92	Inf	-Inf	61.08	3	Horizontal	221	2.88	-	28.41	2.43	-
PK	2.4838G	70.39	74.00	-3.61	39.41	3	Horizontal	221	2.88	-	28.54	2.44	-
AV	2.4835G	50.82	54.00	-3.18	19.85	3	Horizontal	221	2.88	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

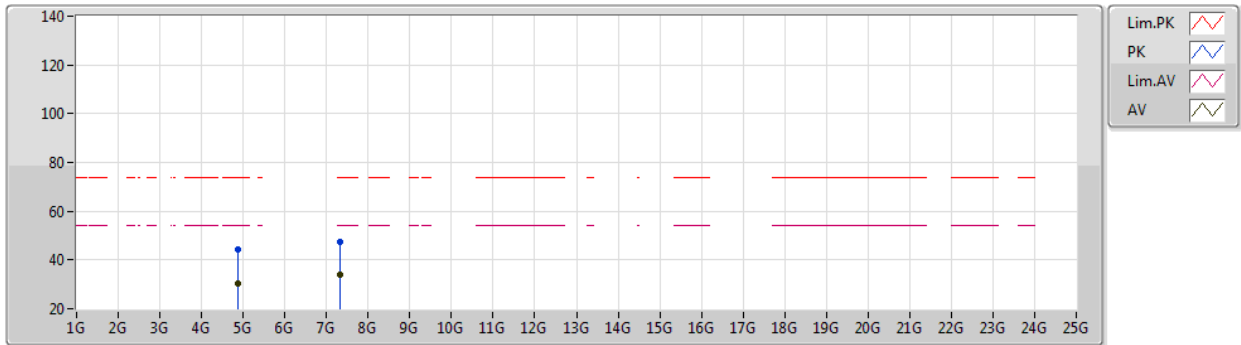

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87436G	44.19	74.00	-29.81	38.18	3	Vertical	171	2.25	-	33.10	4.70	31.79
AV	4.87586G	30.52	54.00	-23.48	24.52	3	Vertical	171	2.25	-	33.10	4.70	31.80
PK	7.31898G	46.90	74.00	-27.10	37.13	3	Vertical	30	2.93	-	36.44	5.76	32.43
AV	7.32084G	33.95	54.00	-20.05	24.18	3	Vertical	30	2.93	-	36.44	5.76	32.43

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2437MHz_TX

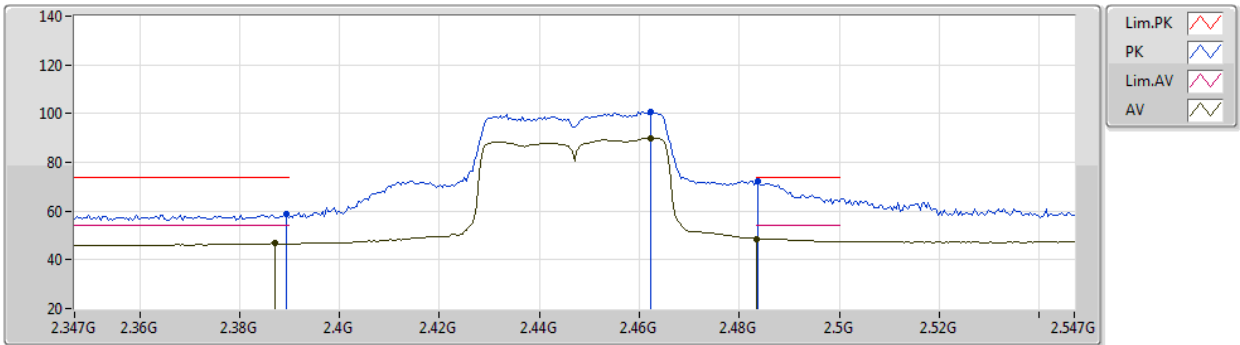

EUT X_1TX
Setting 18
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86392G	44.50	74.00	-29.50	38.53	3	Horizontal	193	1.80	-	33.06	4.70	31.79
AV	4.88306G	30.20	54.00	-23.80	24.17	3	Horizontal	193	1.80	-	33.13	4.70	31.80
PK	7.31808G	47.64	74.00	-26.36	37.87	3	Horizontal	15	1.38	-	36.44	5.76	32.43
AV	7.32306G	33.99	54.00	-20.01	24.21	3	Horizontal	15	1.38	-	36.45	5.76	32.43

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2447MHz_TX

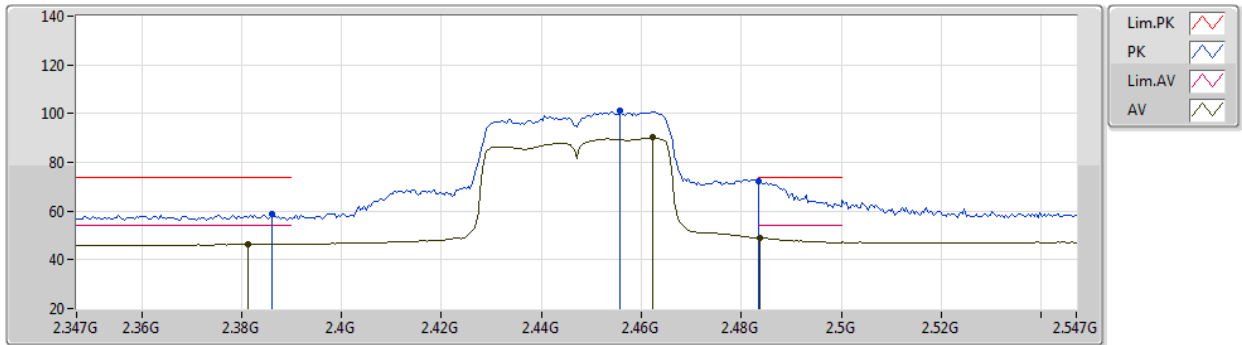

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	58.68	74.00	-15.32	27.97	3	Vertical	214	2.03	-	28.30	2.41	-
AV	2.387G	46.70	54.00	-7.30	15.99	3	Vertical	214	2.03	-	28.30	2.41	-
PK	2.4622G	100.81	Inf	-Inf	69.93	3	Vertical	214	2.03	-	28.45	2.43	-
AV	2.4622G	90.02	Inf	-Inf	59.14	3	Vertical	214	2.03	-	28.45	2.43	-
PK	2.4838G	72.00	74.00	-2.00	41.02	3	Vertical	214	2.03	-	28.54	2.44	-
AV	2.4835G	48.69	54.00	-5.31	17.72	3	Vertical	214	2.03	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2447MHz_TX

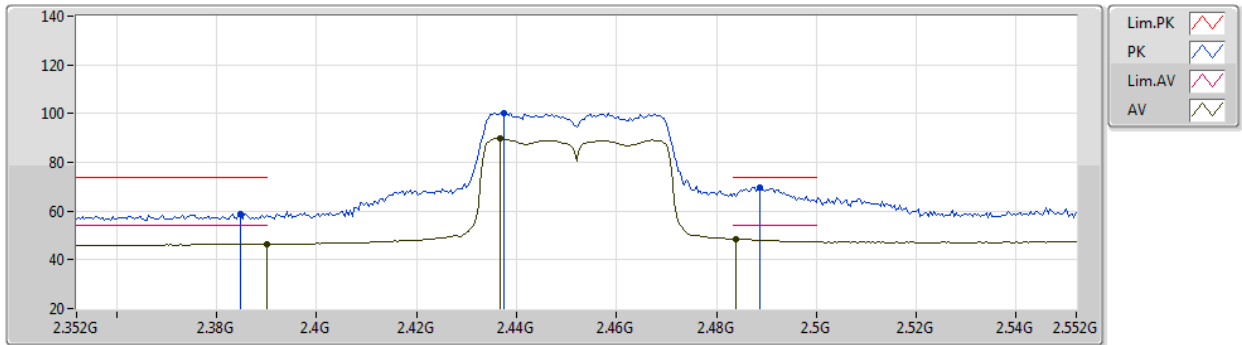

EUT X_1TX
Setting 16
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3862G	58.80	74.00	-15.20	28.09	3	Horizontal	219	2.85	-	28.30	2.41	-
AV	2.3814G	46.27	54.00	-7.73	15.56	3	Horizontal	219	2.85	-	28.30	2.41	-
PK	2.4558G	101.22	Inf	-Inf	70.37	3	Horizontal	219	2.85	-	28.42	2.43	-
AV	2.4622G	90.19	Inf	-Inf	59.31	3	Horizontal	219	2.85	-	28.45	2.43	-
PK	2.4835G	72.39	74.00	-1.61	41.42	3	Horizontal	219	2.85	-	28.53	2.44	-
AV	2.4838G	48.91	54.00	-5.09	17.93	3	Horizontal	219	2.85	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2452MHz_TX

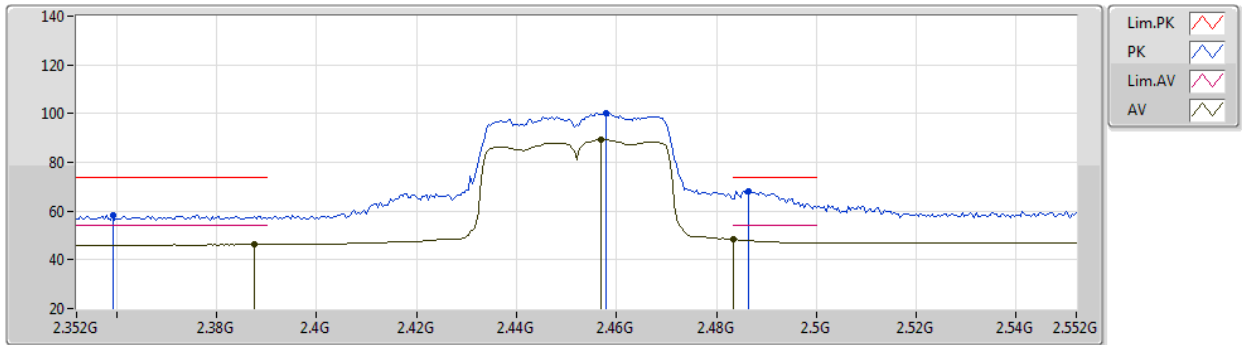

EUT X_1TX
Setting 15
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3848G	58.70	74.00	-15.30	27.99	3	Vertical	224	1.00	-	28.30	2.41	-
AV	2.39G	46.47	54.00	-7.53	15.76	3	Vertical	224	1.00	-	28.30	2.41	-
PK	2.4376G	100.30	Inf	-Inf	69.50	3	Vertical	224	1.00	-	28.38	2.42	-
AV	2.4368G	89.76	Inf	-Inf	58.97	3	Vertical	224	1.00	-	28.37	2.42	-
PK	2.4888G	69.84	74.00	-4.16	38.84	3	Vertical	224	1.00	-	28.56	2.44	-
AV	2.484G	48.44	54.00	-5.56	17.46	3	Vertical	224	1.00	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2452MHz_TX

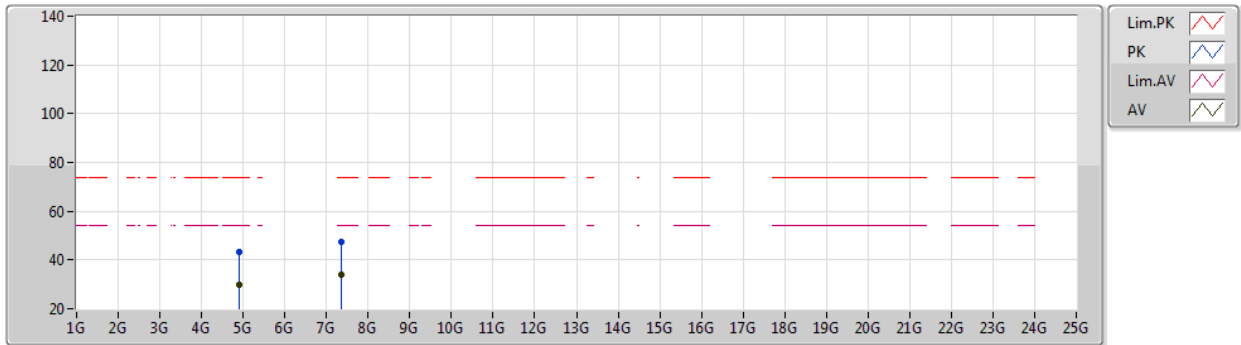

EUT X_1TX
Setting 15
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3592G	58.31	74.00	-15.69	27.59	3	Horizontal	219	2.86	-	28.30	2.42	-
AV	2.3876G	46.22	54.00	-7.78	15.51	3	Horizontal	219	2.86	-	28.30	2.41	-
PK	2.458G	100.09	Inf	-Inf	69.23	3	Horizontal	219	2.86	-	28.43	2.43	-
AV	2.4568G	89.39	Inf	-Inf	58.53	3	Horizontal	219	2.86	-	28.43	2.43	-
PK	2.4864G	68.10	74.00	-5.90	37.11	3	Horizontal	219	2.86	-	28.55	2.44	-
AV	2.4835G	48.32	54.00	-5.68	17.35	3	Horizontal	219	2.86	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

22/03/2021

2452MHz_TX

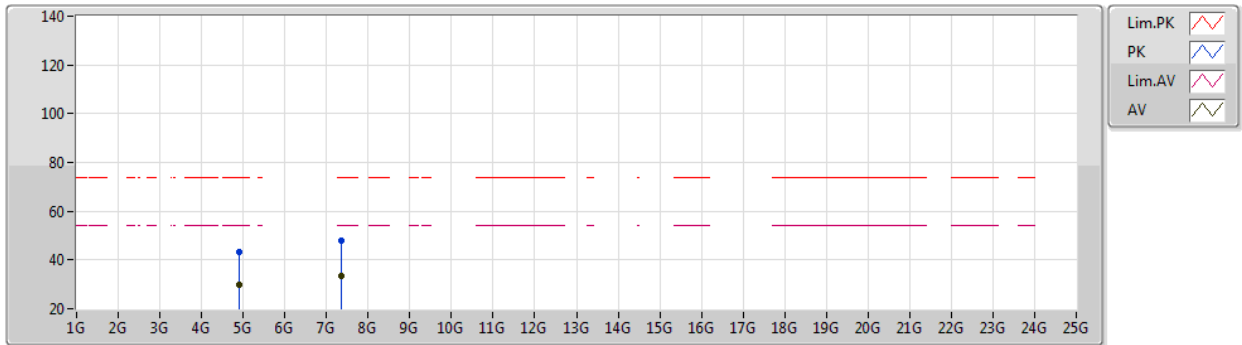

EUT X_1TX
Setting 15
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.91864G	43.30	74.00	-30.70	37.21	3	Vertical	1	2.87	-	33.20	4.70	31.81
AV	4.8947G	29.76	54.00	-24.24	23.68	3	Vertical	1	2.87	-	33.18	4.70	31.80
PK	7.3437G	47.67	74.00	-26.33	37.85	3	Vertical	106	1.82	-	36.49	5.77	32.44
AV	7.36974G	33.75	54.00	-20.25	23.96	3	Vertical	106	1.82	-	36.46	5.78	32.45

802.11n HT40_Nss1,(MCS0)_1TX

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2452MHz_TX


EUT X_1TX
Setting 15
02-B-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8992G	43.13	74.00	-30.87	37.03	3	Horizontal	331	1.80	-	33.20	4.70	31.80
AV	4.8944G	29.71	54.00	-24.29	23.63	3	Horizontal	331	1.80	-	33.18	4.70	31.80
PK	7.34112G	47.75	74.00	-26.25	37.94	3	Horizontal	43	2.57	-	36.48	5.77	32.44
AV	7.3692G	33.68	54.00	-20.32	23.89	3	Horizontal	43	2.57	-	36.46	5.78	32.45