

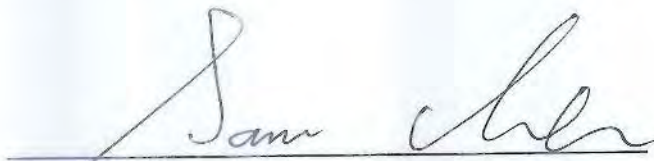


RADIO TEST REPORT

FCC ID : TLZ-AM457-D
Equipment : IEEE 802.11 1X1 a/b/g/n Wireless LAN + Bluetooth 5.1 Combo LGA Module
Brand Name : AzureWave
Model Name : AW-AM457-D
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 Dec. 26, 2020, and testing was started from Dec. 26, 2020 and completed on Feb. 23, 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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Appendix A. Test Results of AC Power-line Conducted Emissions

Appendix B. Test Results of DTS Bandwidth

Appendix C. Test Results of Maximum Conducted Output Power

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Appendix E. Test Results of Emissions in Non-restricted Frequency Bands

Appendix F. Test Results of Emissions in Restricted Frequency Bands

Appendix G. Test Photos

Photographs of EUT v01



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: Wendy Pan



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
Ant.	Port	Brand Holder	Model Name	Antenna Type	Connector	Gain (dBi)
2	1	MAG. LAYERS SCIENTIFIC-TECHNICAL CO., LTD	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1

Note1:

Ant.	Antenna Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	3.2	4.25	3.2
2	2.98	5.16	2.98

Note2: The above information was declared by manufacturer.

For conducted test, only the highest antenna gain has been tested and recorded in the test report. For AC Power-line Conducted Emissions and radiated test, Ant.1 ~ Ant.2 antenna has been tested and recorded in the test report.

The EUT has two sets of antenna type and there are two antennas for each set and on the EUT has two antenna connectors and support different functions separately, one port is WLAN function and the other port is bluetooth function.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=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	<input type="checkbox"/> With beamforming	<input checked="" type="checkbox"/> Without beamforming		
Function	<input checked="" type="checkbox"/> Point-to-multipoint	<input type="checkbox"/> Point-to-point		
Test Software Version	DutApiSisoBt V1.0.0.09			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The difference for each EUT is shown as below:

Model Name	EUT	Diplexer Brand	Low power filter Brand
AW-AM457-D	EUT 1	Murata	Murata
	EUT 2	Murata	Walsin
	EUT 3	Walsin	Murata
	EUT 4	Walsin	Walsin



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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Test site registered number IC 4086D with Industry Canada.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Jeff Wu	23.3-23.8 / 46-47	Jan. 16, 2021 ~ Jan. 27, 2021
Radiated<1GHz	03CH05-CB	Cola Fan	20.4-21.4 / 55-57	Feb. 09, 2021
Radiated>1GHz	03CH02-CB	Lance Wu	22.3-23.6 / 56-58	Dec. 26, 2020 ~ Feb. 18, 2021
AC Conduction	CO01-CB	Max Lin	22~23 / 56~57	Feb. 23, 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	18
2437MHz	17
2462MHz	17
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	16
2417MHz	18
2437MHz	20
2457MHz	17
2462MHz	16
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	16
2417MHz	17
2437MHz	20
2457MHz	16
2462MHz	15
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	14
2427MHz	15
2437MHz	17
2447MHz	15
2452MHz	13



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 1 + WLAN 2.4GHz + Bluetooth + Dipole antenna
2	EUT 1 + WLAN 5GHz + Bluetooth + Dipole antenna
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT 2 + WLAN 2.4GHz + Bluetooth + Dipole antenna
4	EUT 3 + WLAN 2.4GHz + Bluetooth + Dipole antenna
5	EUT 4 + WLAN 2.4GHz + Bluetooth + Dipole antenna
Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT 1 + WLAN 2.4GHz + Bluetooth + PIFA antenna
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 The EUT 1 has been evaluated to be the worst-case from EUT 1~EUT 4. Therefore, the EUT 1 has selected to test.
1	EUT 1 + 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 1 in Z axis + WLAN 2.4GHz + Bluetooth + Dipole antenna
2	EUT 1 in Y axis + WLAN 2.4GHz + Bluetooth + Dipole antenna
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 1 in Y axis + WLAN 5GHz + Bluetooth + Dipole antenna
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~6 will follow this same test mode.	
4	EUT 2 in Y axis + WLAN 2.4GHz + Bluetooth + Dipole antenna
5	EUT 3 in Y axis + WLAN 2.4GHz + Bluetooth + Dipole antenna
6	EUT 4 in Y axis + WLAN 2.4GHz + Bluetooth + Dipole antenna
Mode 4 has been evaluated to be the worst case among Mode 1~6, thus measurement for Mode 7 will follow this same test mode.	
7	EUT 2 in Y axis + WLAN 2.4GHz + Bluetooth + PIFA antenna
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT 1 has been evaluated to be the worst-case from EUT 1~EUT 4. Therefore, the EUT 1 has selected to test. The EUT 1 was performed at X axis, Y axis and Z axis position, and the worst case as below:
1	EUT 1 + Ant.1 (Bandedge at Y axis / Radiated emission at Y axis)
2	EUT 1 + Ant.2 (Bandedge at Y axis / Radiated emission at X axis)

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.: FA0D1814 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	DELL	E6430	N/A
B	Fixture	AzureWave	AW2457-15	N/A
C	AP Router	ASUS	RP-N53	N/A
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	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
D	iPad	Apple	A1430	BCGA1430
E	Earphone	SHYARO CHI	MIC-04	N/A
F	Mouse	Logitech	M-U0026	N/A
G	Fixture	AzureWave	AW2457-15	N/A



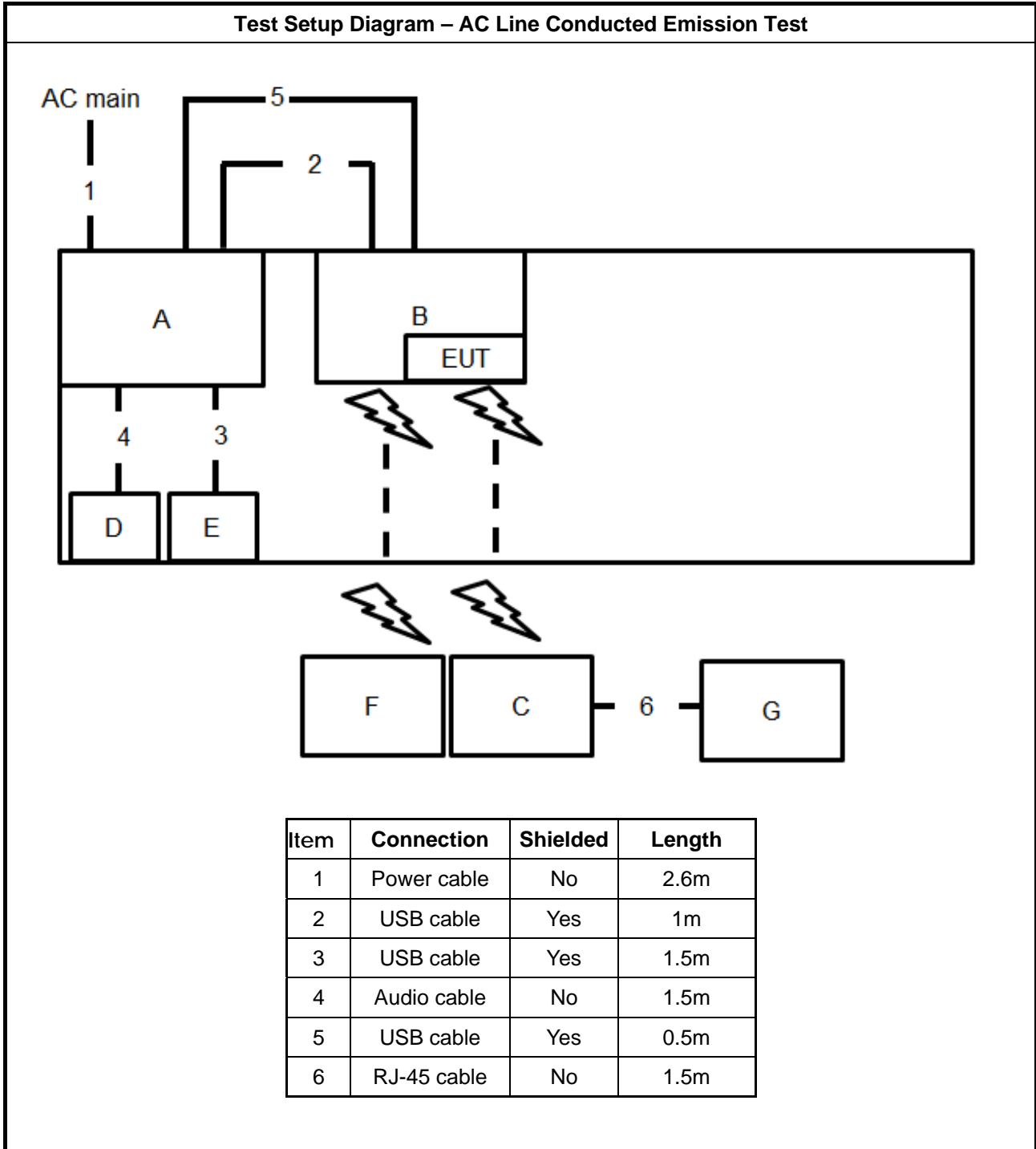
For Radiated (above 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	AzureWave	AW2457-15	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A

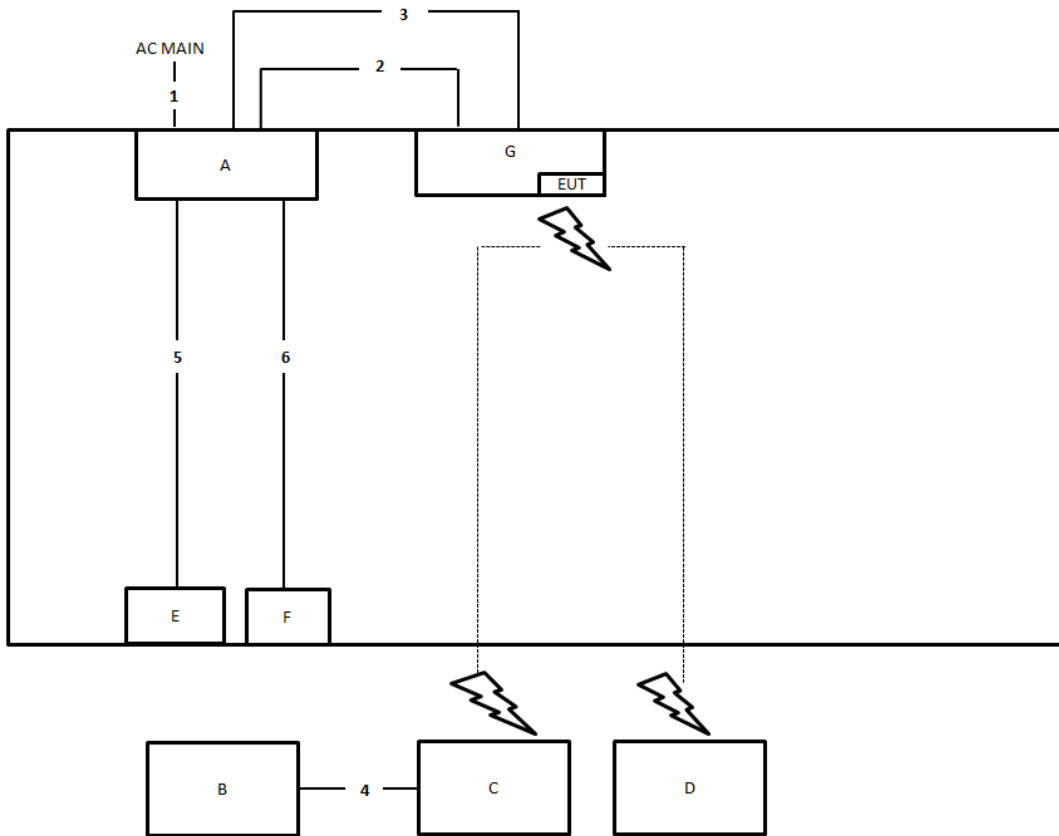
For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Fixture	AzureWave	AW2457-15	N/A

2.6 Test Setup Diagram

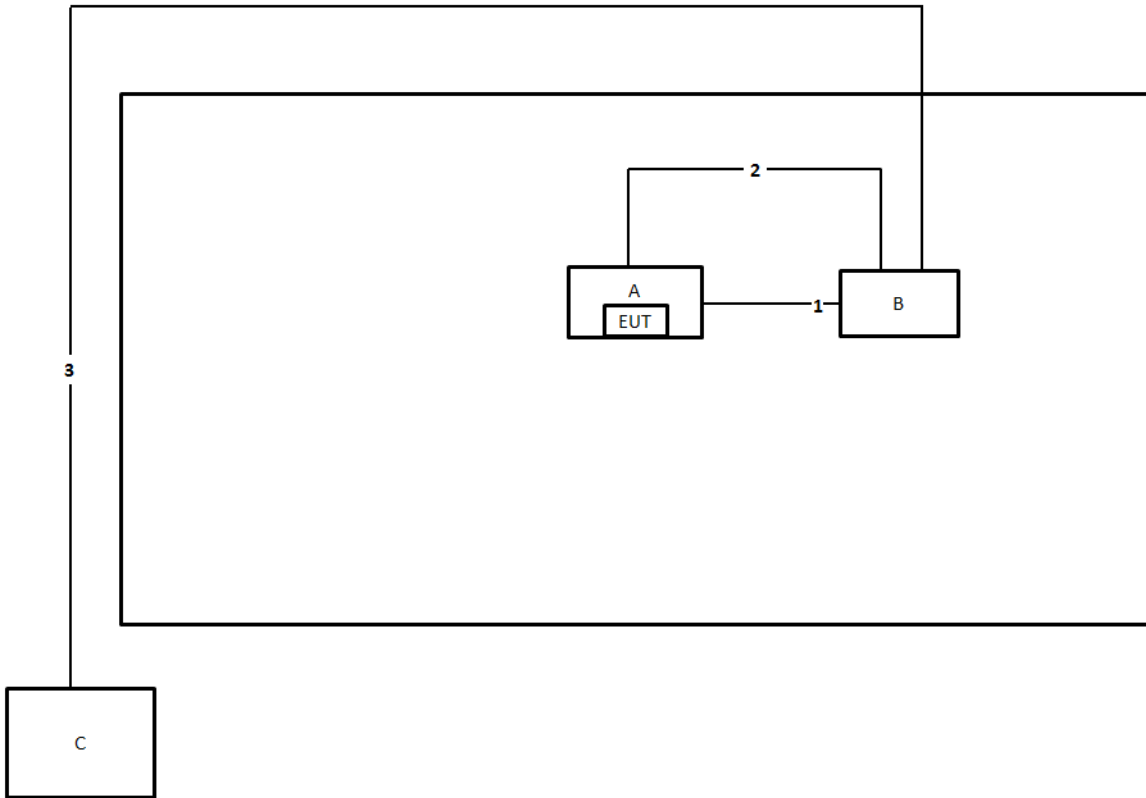


Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	0.5m
3	USB cable	Yes	1m
4	RJ-45 cable	No	1.5m
5	Audio cable	No	1.2m
6	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB cable	Yes	0.5m
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.

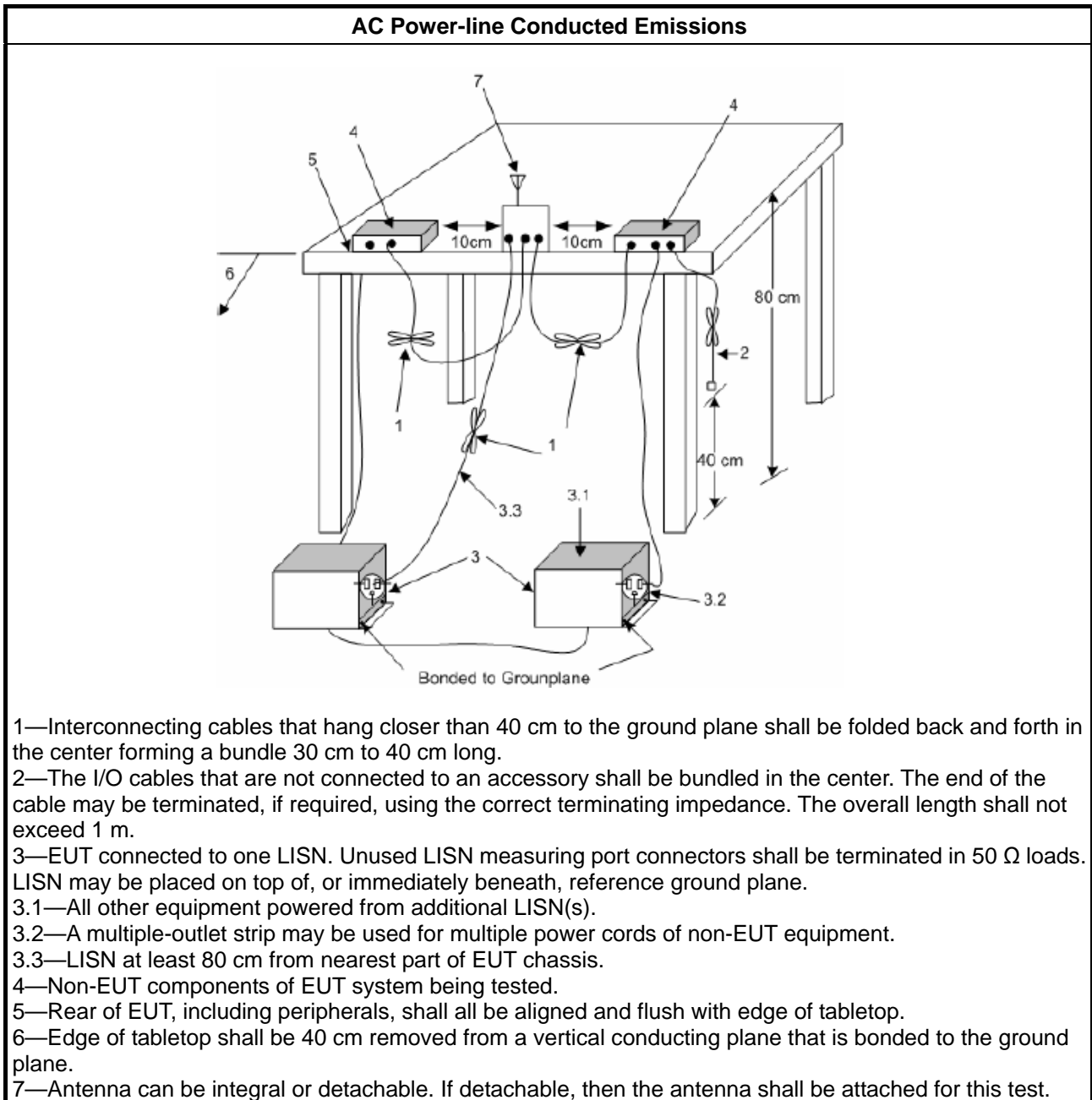
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> 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:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. 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:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

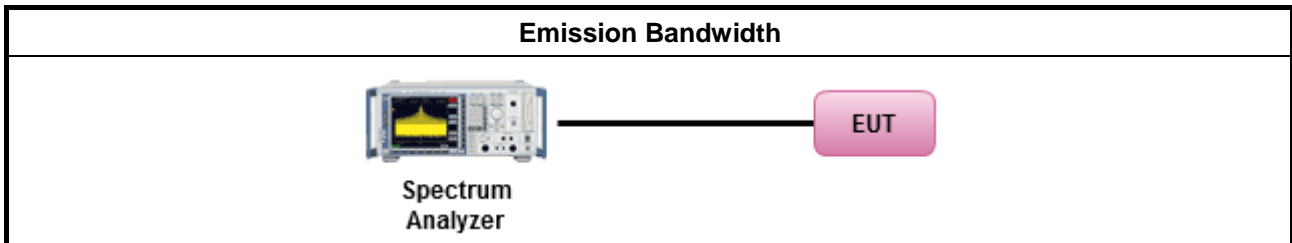
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
<input type="checkbox"/> 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	
	<ul style="list-style-type: none">▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none">▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none">▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">▪ Smart antenna system (SAS):
	<ul style="list-style-type: none">- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none">- 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

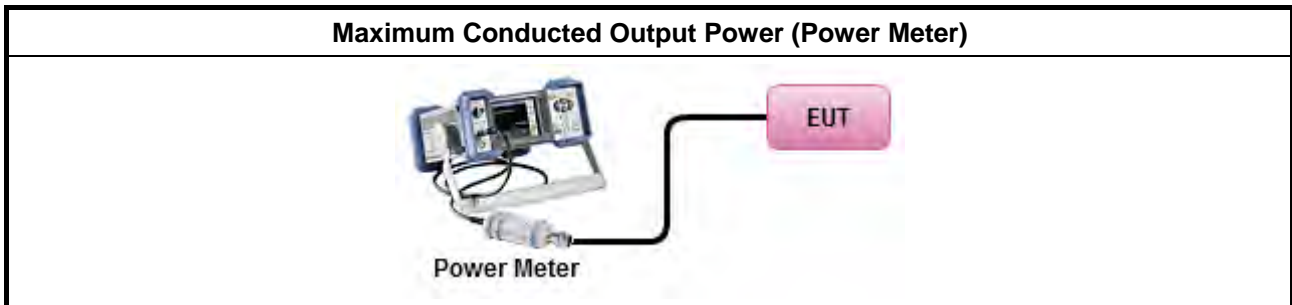
Refer a test equipment and calibration data table in this test report.



3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
<ul style="list-style-type: none"> ▪ Maximum Conducted Output Power 	
[duty cycle ≥ 98% or external video / power trigger]	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	<input type="checkbox"/> 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	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	<input type="checkbox"/> 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)	
	<input type="checkbox"/> 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).
	<input checked="" type="checkbox"/> 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).
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ 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
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

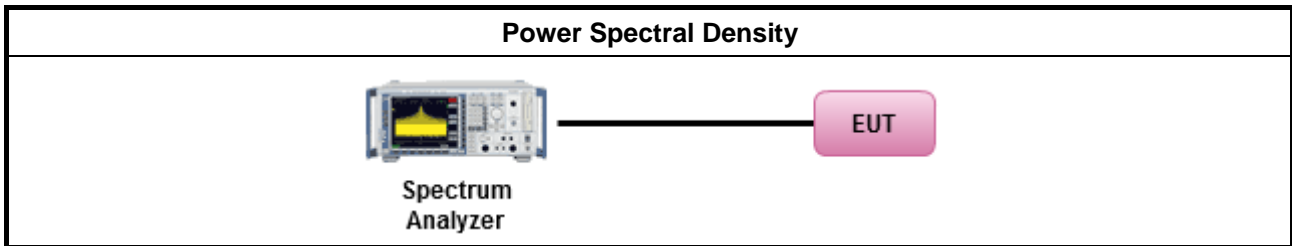
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method			
<ul style="list-style-type: none"> 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). 			
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.			
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <table border="1"> <tbody> <tr> <td> <input type="checkbox"/> 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. </td> </tr> <tr> <td> <input type="checkbox"/> 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, </td> </tr> <tr> <td> <input type="checkbox"/> 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. </td> </tr> </tbody> </table> 	<input type="checkbox"/> 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.	<input type="checkbox"/> 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,	<input type="checkbox"/> 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.
<input type="checkbox"/> 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.			
<input type="checkbox"/> 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,			
<input type="checkbox"/> 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.

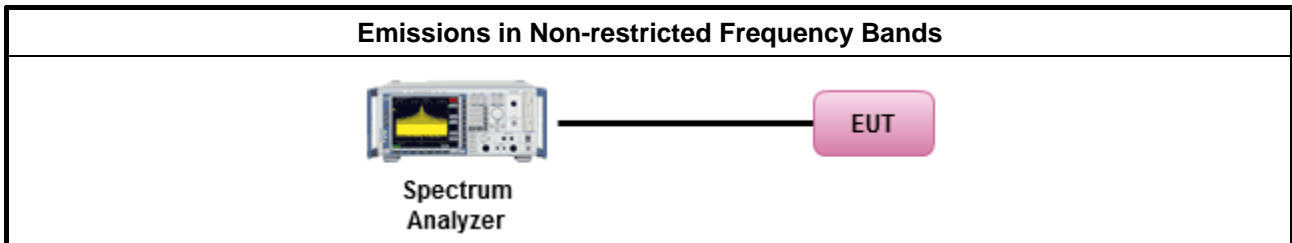
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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

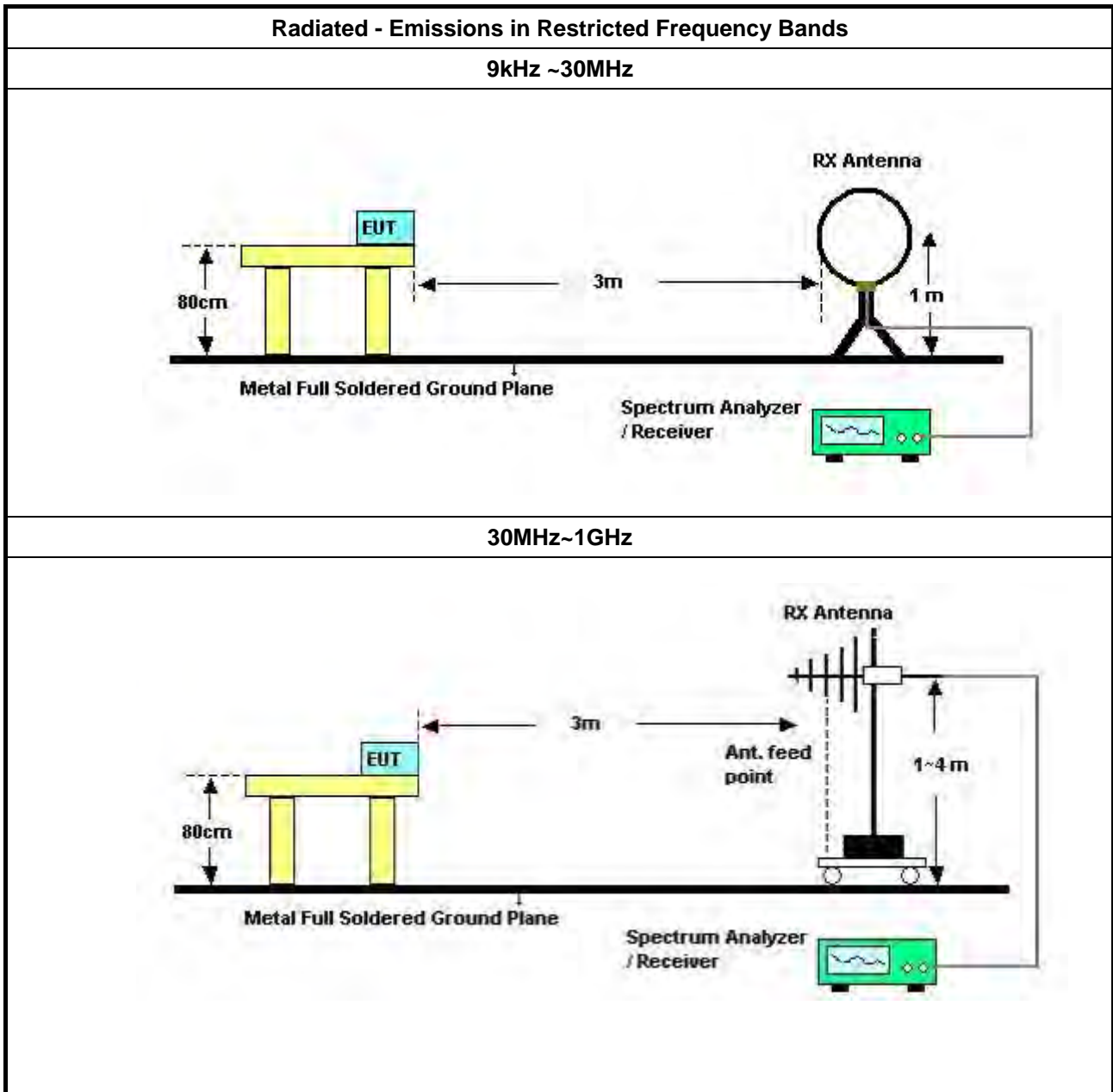
Refer a test equipment and calibration data table in this test report.

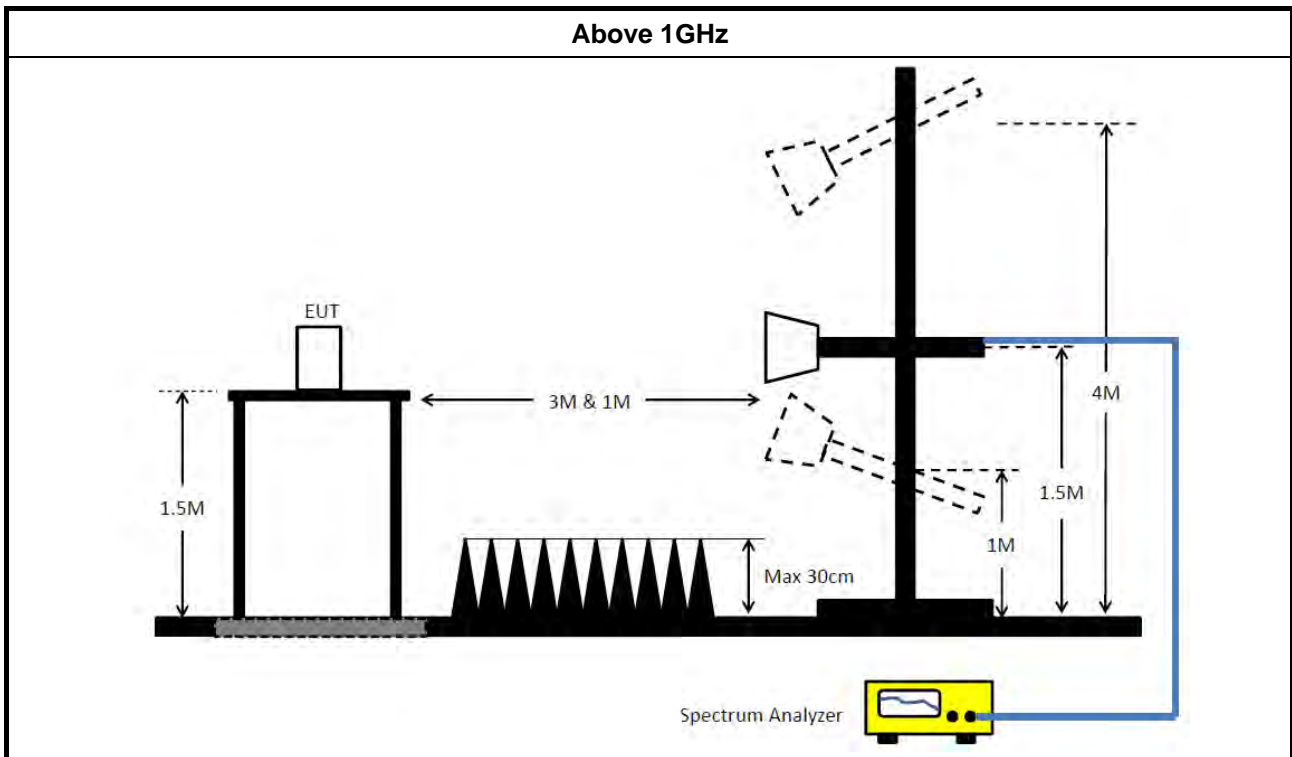


3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle \geq 98%).
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW \geq 1/T).
	<input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ 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).
	<ul style="list-style-type: none"> ▪ 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
	<ul style="list-style-type: none"> ▪ 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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	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. 27, 2020	Mar. 26, 2021	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)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 14, 2020	May 13, 2021	Conducted (TH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

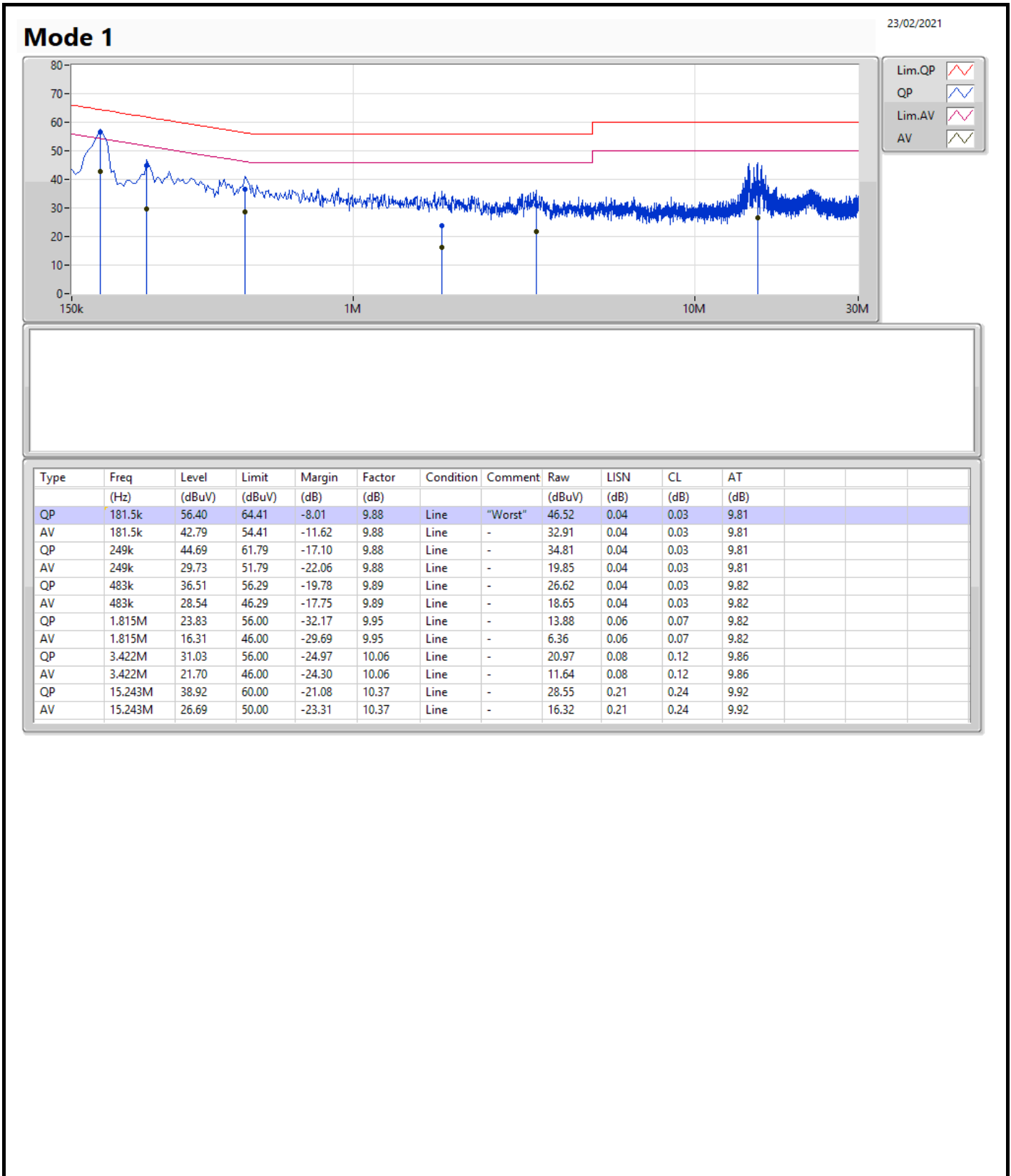
Note: Calibration Interval of instruments listed above is one year.

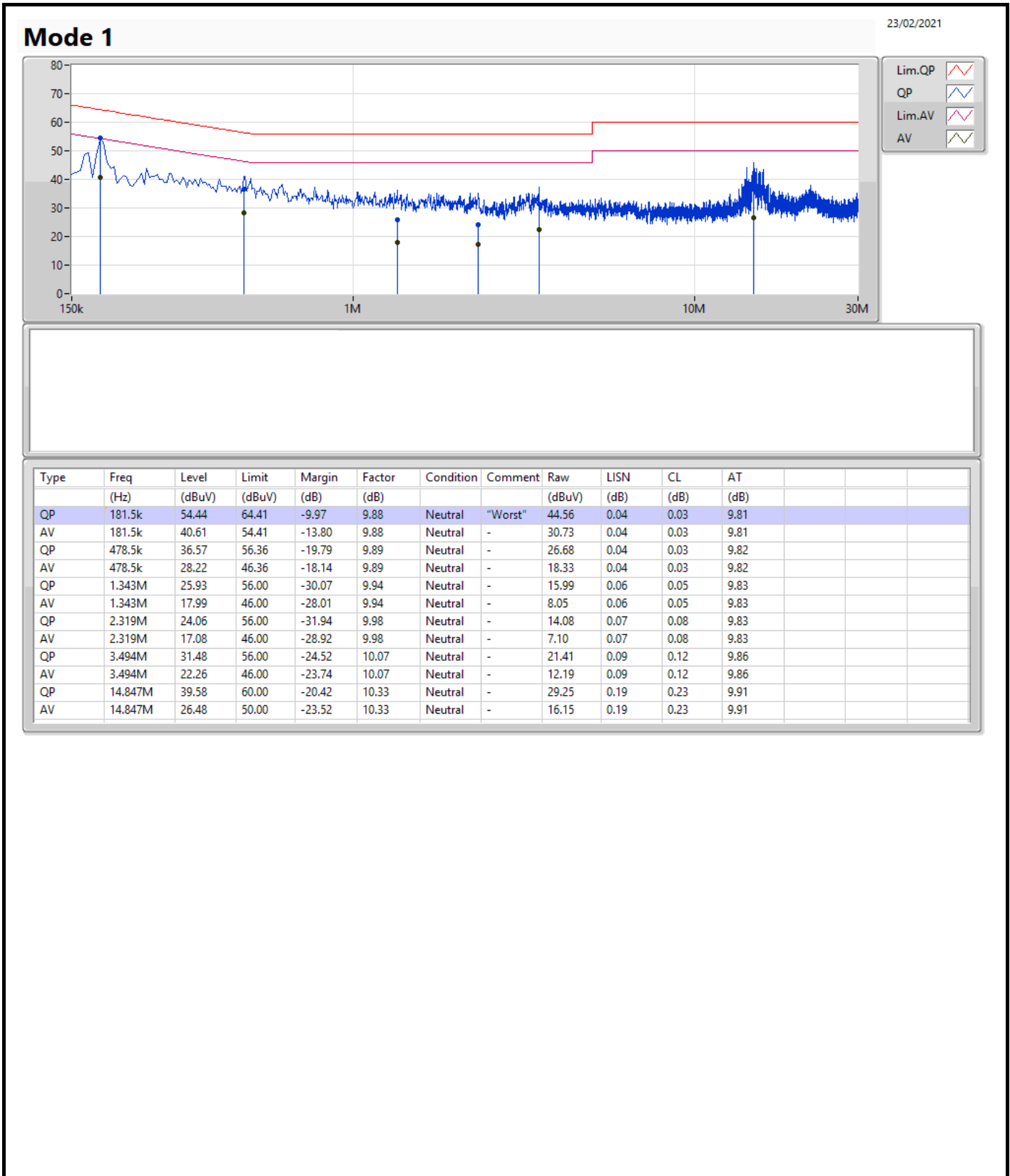
N.C.R. means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	181.5k	56.40	64.41	-8.01	Line







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	9.075M	11.894M	11M9G1D	9.075M	11.819M
802.11g_Nss1,(6Mbps)_1TX	16.35M	17.191M	17M2D1D	16.325M	16.767M
802.11n HT20_Nss1,(MCS0)_1TX	17.575M	18.066M	18M1D1D	17.55M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	35.8M	36.632M	36M6D1D	35.65M	36.532M

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	11.894M
2437MHz	Pass	500k	9.075M	11.819M
2462MHz	Pass	500k	9.075M	11.819M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.767M
2437MHz	Pass	500k	16.35M	17.191M
2462MHz	Pass	500k	16.325M	16.767M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.575M	17.766M
2437MHz	Pass	500k	17.55M	18.066M
2462MHz	Pass	500k	17.55M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.8M	36.532M
2437MHz	Pass	500k	35.7M	36.632M
2452MHz	Pass	500k	35.65M	36.532M

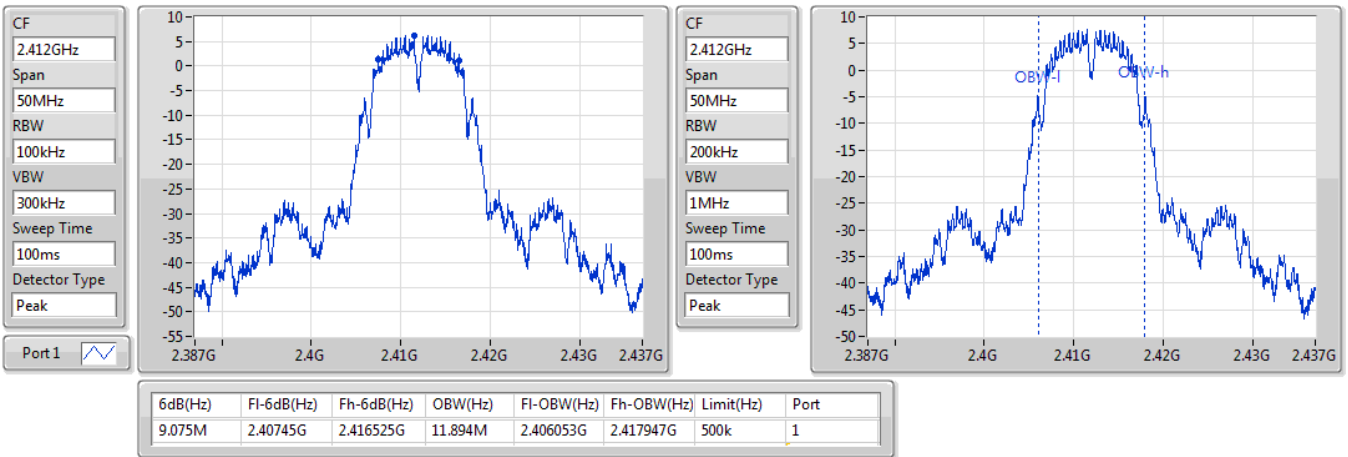
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

16/01/2021

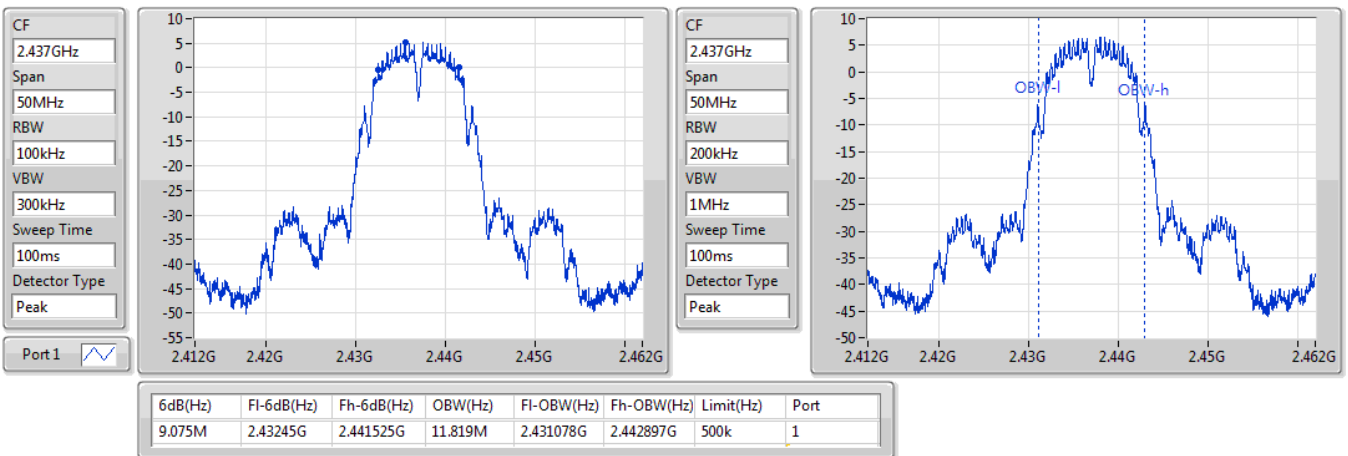


802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

16/01/2021

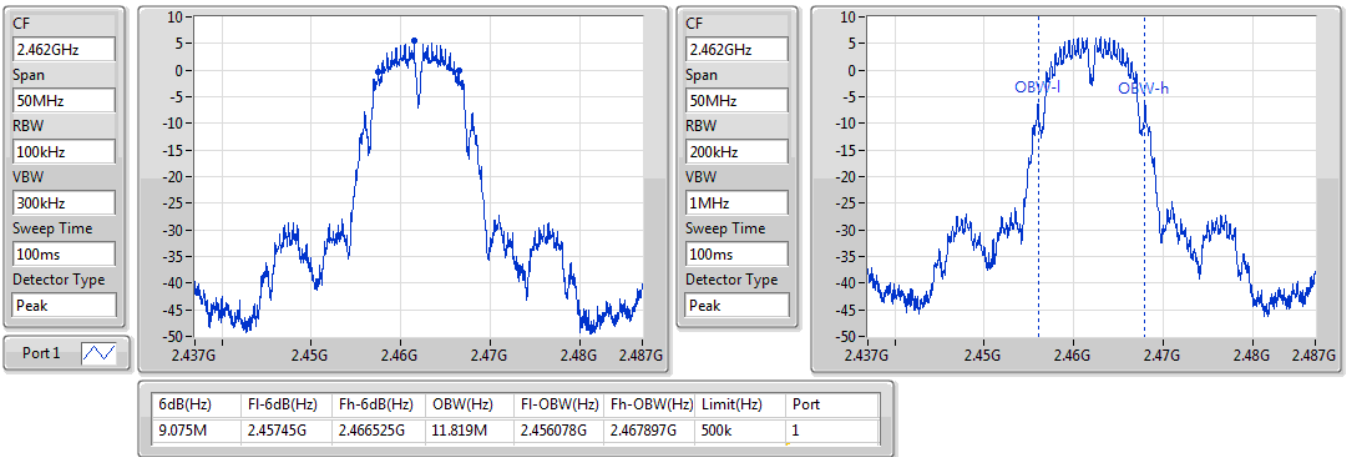


802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

16/01/2021

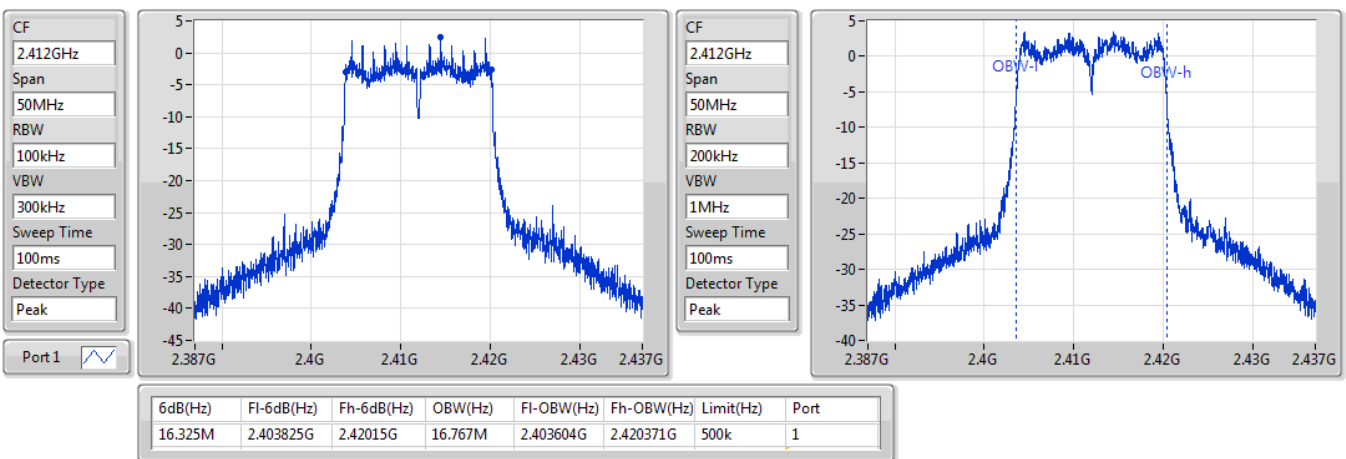


802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

16/01/2021

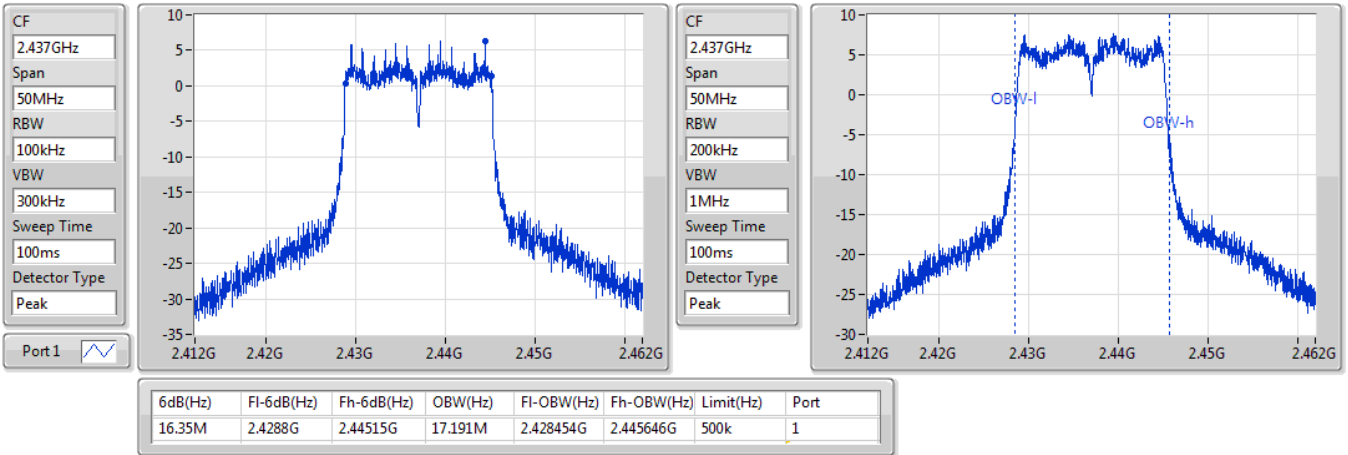


802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

16/01/2021

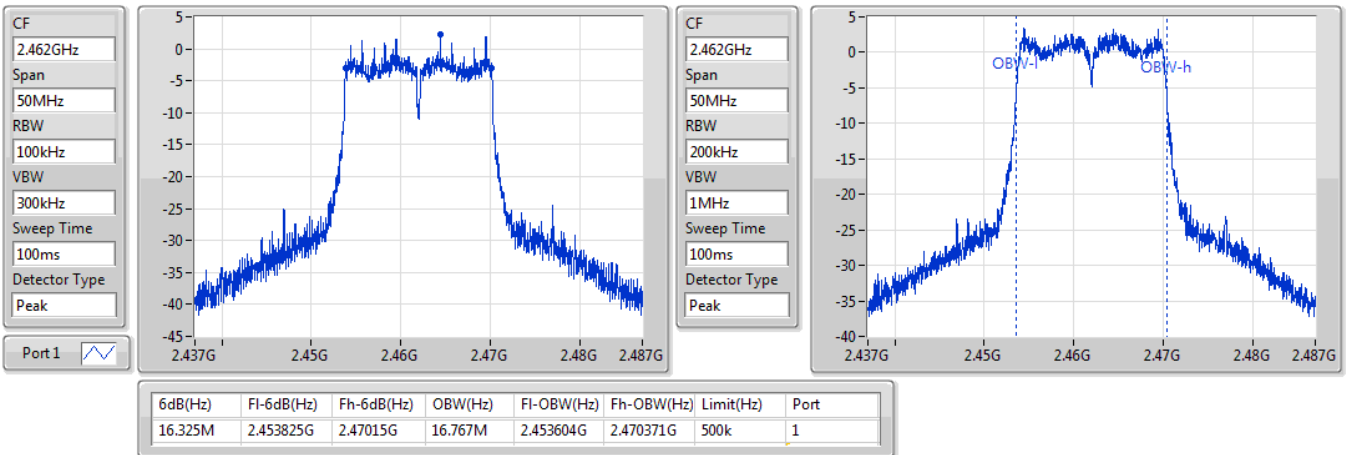


802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

16/01/2021

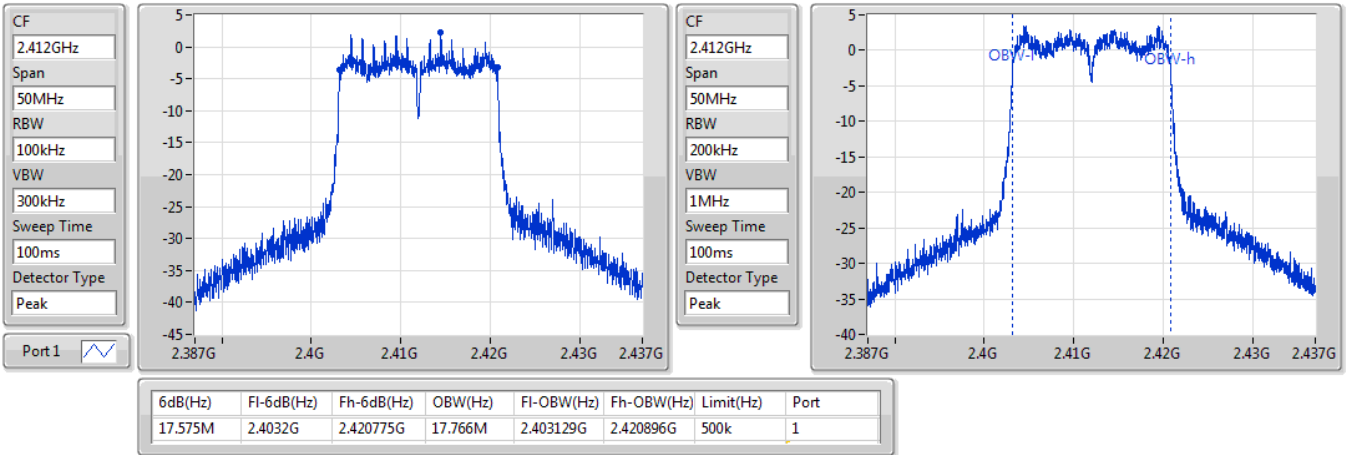


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

16/01/2021

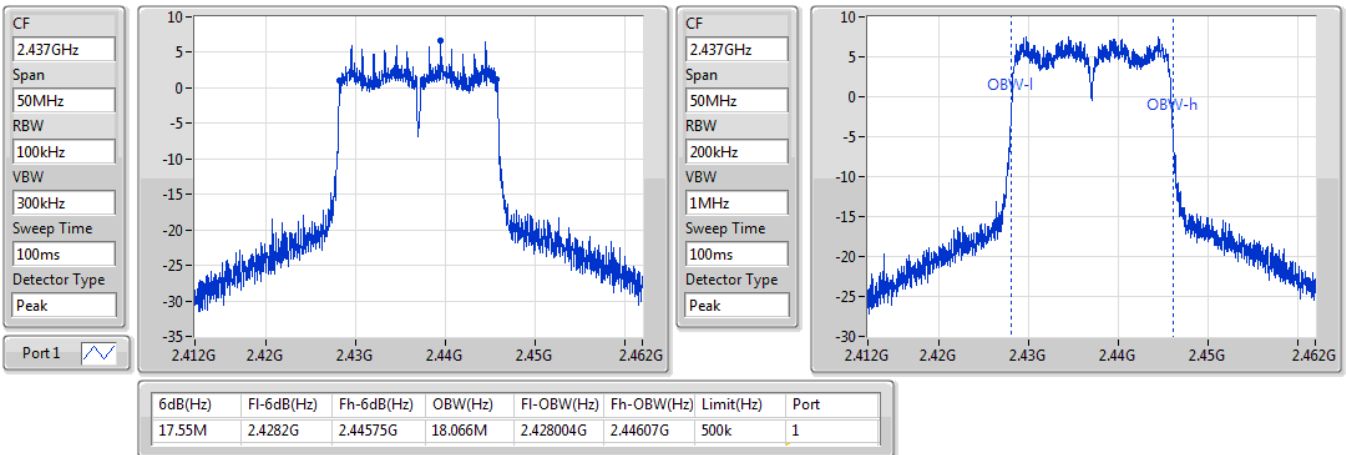


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

16/01/2021

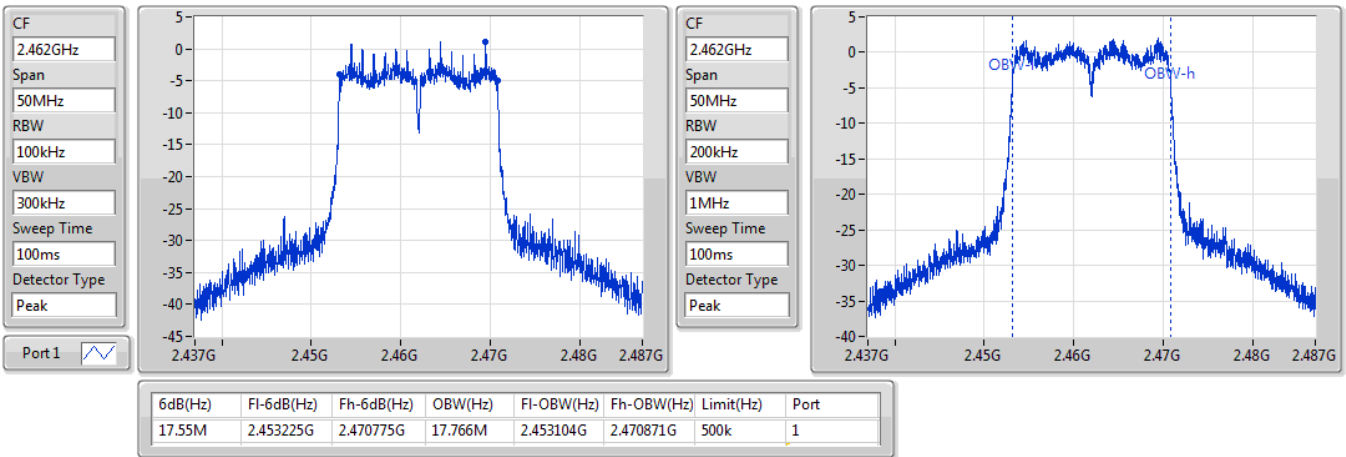


802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

16/01/2021

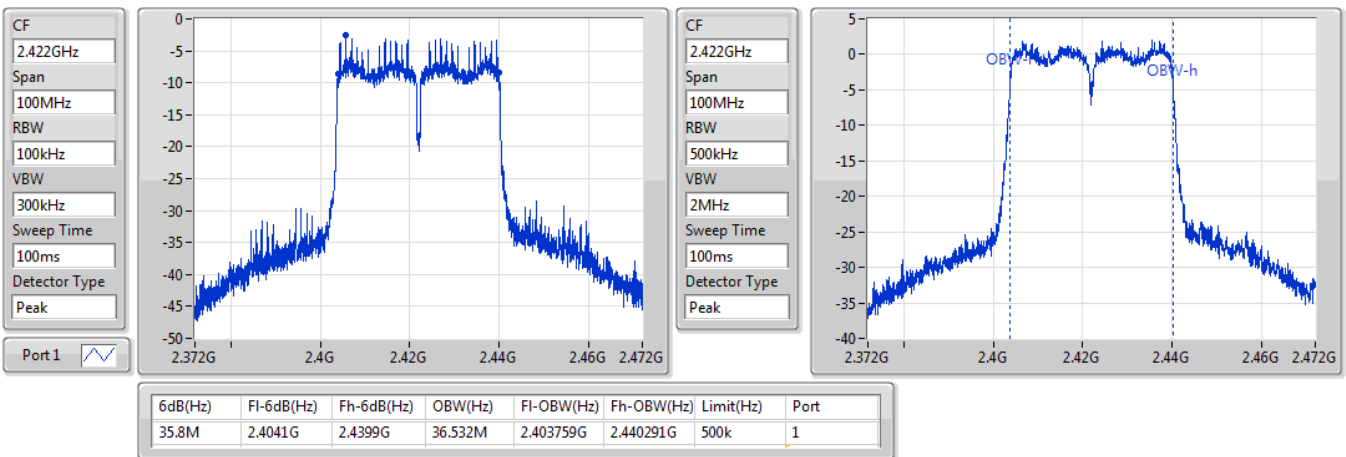


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

16/01/2021

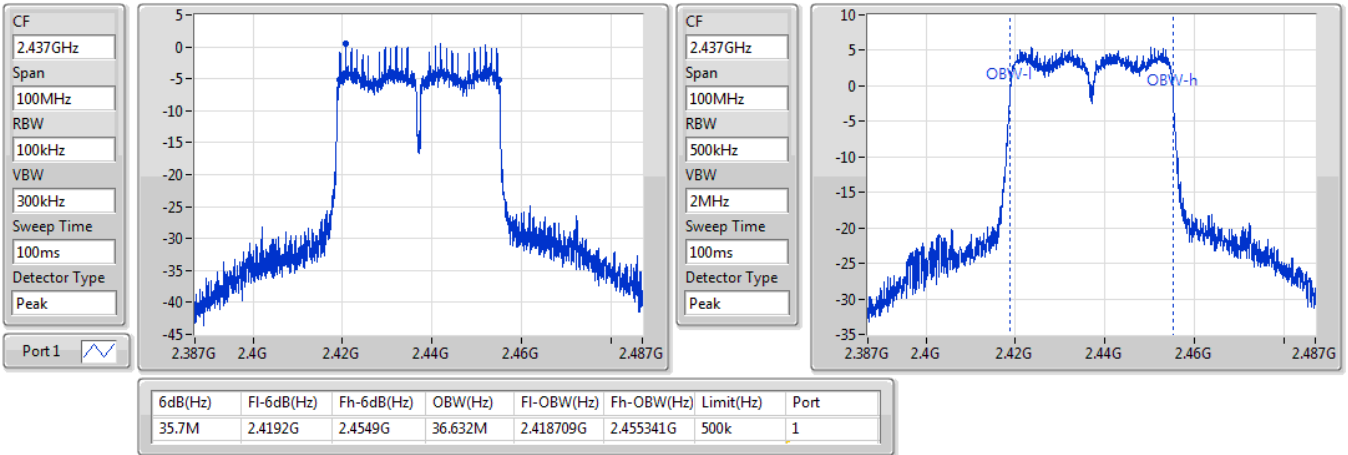


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

16/01/2021

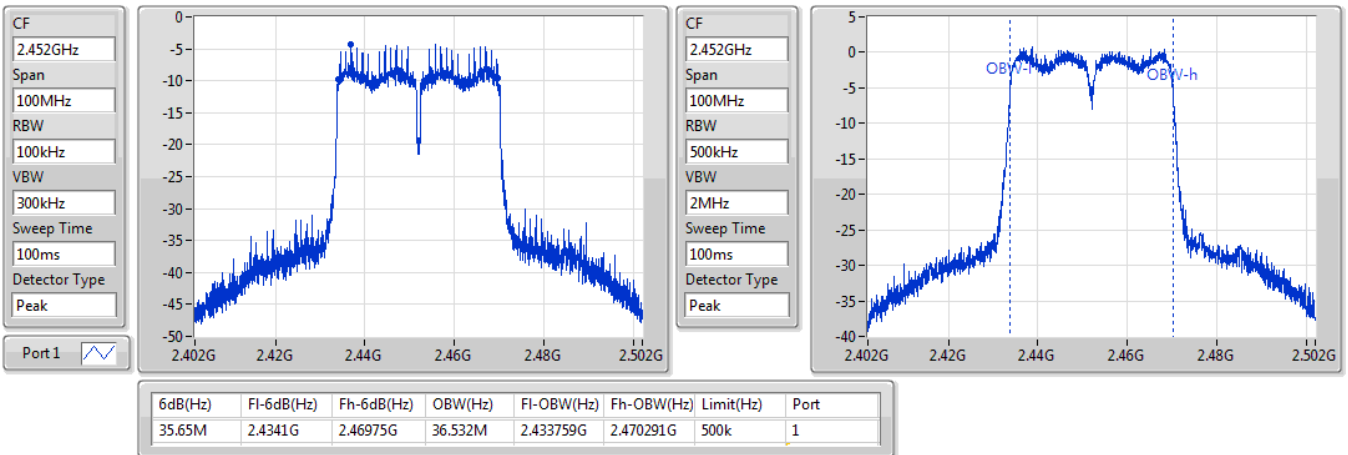


802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

16/01/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.58	0.05728
802.11g_Nss1,(6Mbps)_1TX	19.43	0.08770
802.11n HT20_Nss1,(MCS0)_1TX	19.61	0.09141
802.11n HT40_Nss1,(MCS0)_1TX	16.16	0.04130



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	17.58	17.58	30.00
2437MHz	Pass	3.20	16.58	16.58	30.00
2462MHz	Pass	3.20	16.61	16.61	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	14.96	14.96	30.00
2417MHz	Pass	3.20	17.23	17.23	30.00
2437MHz	Pass	3.20	19.43	19.43	30.00
2457MHz	Pass	3.20	16.18	16.18	30.00
2462MHz	Pass	3.20	15.04	15.04	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	15.17	15.17	30.00
2417MHz	Pass	3.20	16.29	16.29	30.00
2437MHz	Pass	3.20	19.61	19.61	30.00
2457MHz	Pass	3.20	15.23	15.23	30.00
2462MHz	Pass	3.20	14.13	14.13	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.20	12.80	12.80	30.00
2427MHz	Pass	3.20	12.83	12.83	30.00
2437MHz	Pass	3.20	16.16	16.16	30.00
2447MHz	Pass	3.20	14.02	14.02	30.00
2452MHz	Pass	3.20	11.77	11.77	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	-8.15
802.11g_Nss1,(6Mbps)_1TX	-8.77
802.11n HT20_Nss1,(MCS0)_1TX	-8.00
802.11n HT40_Nss1,(MCS0)_1TX	-14.33

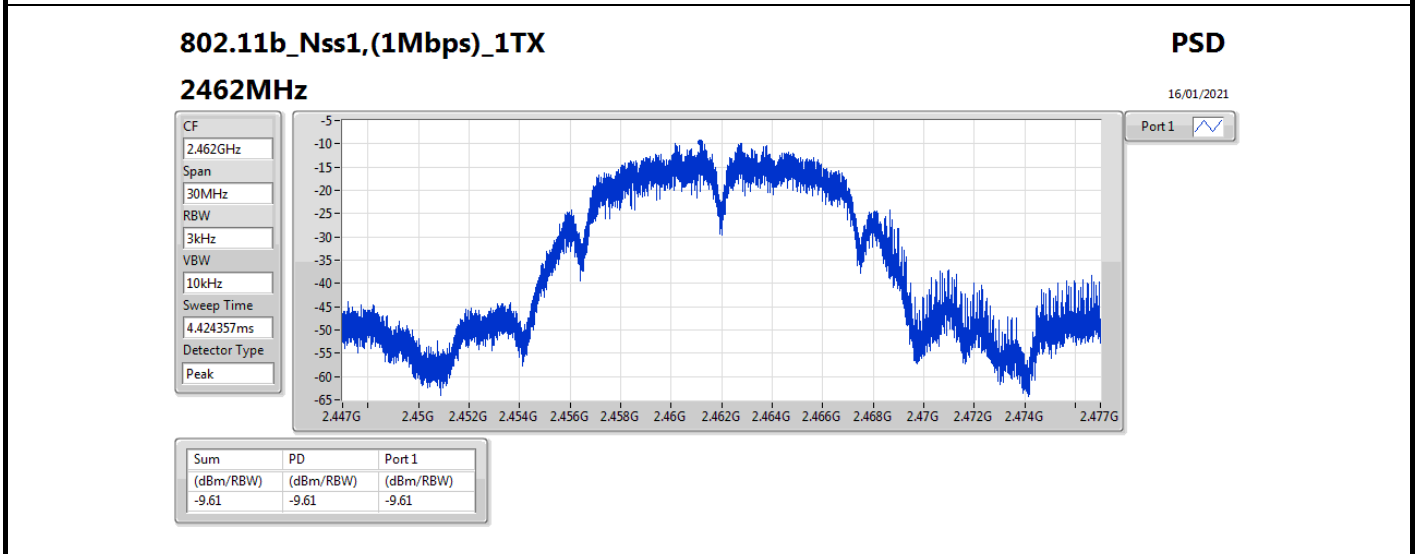
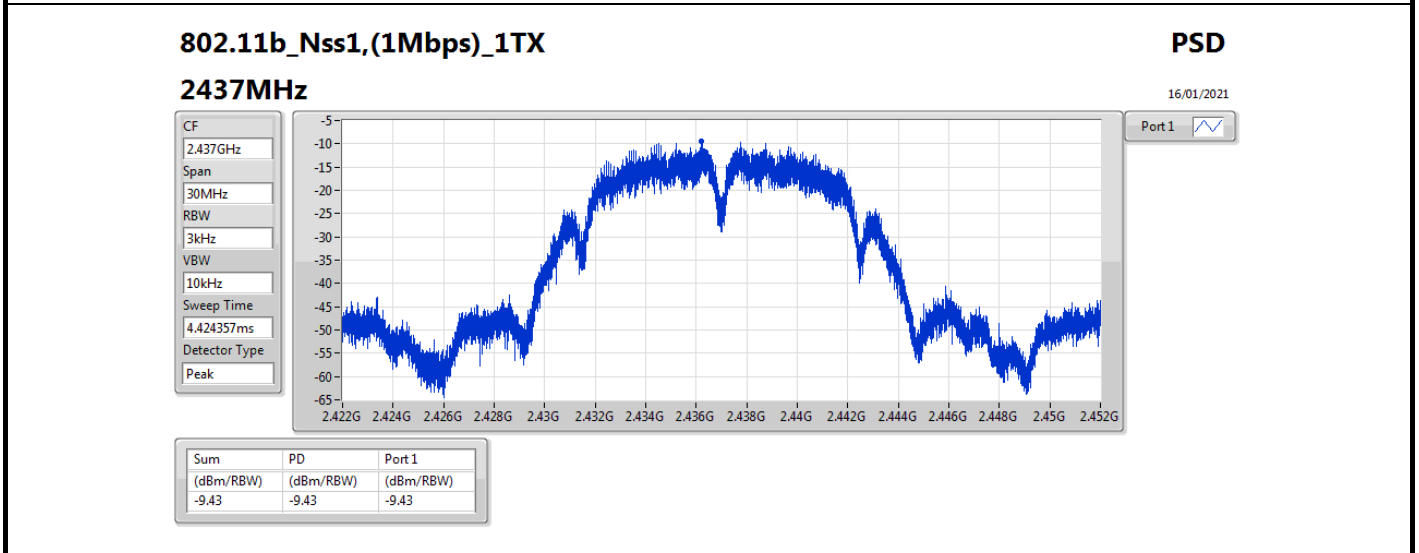
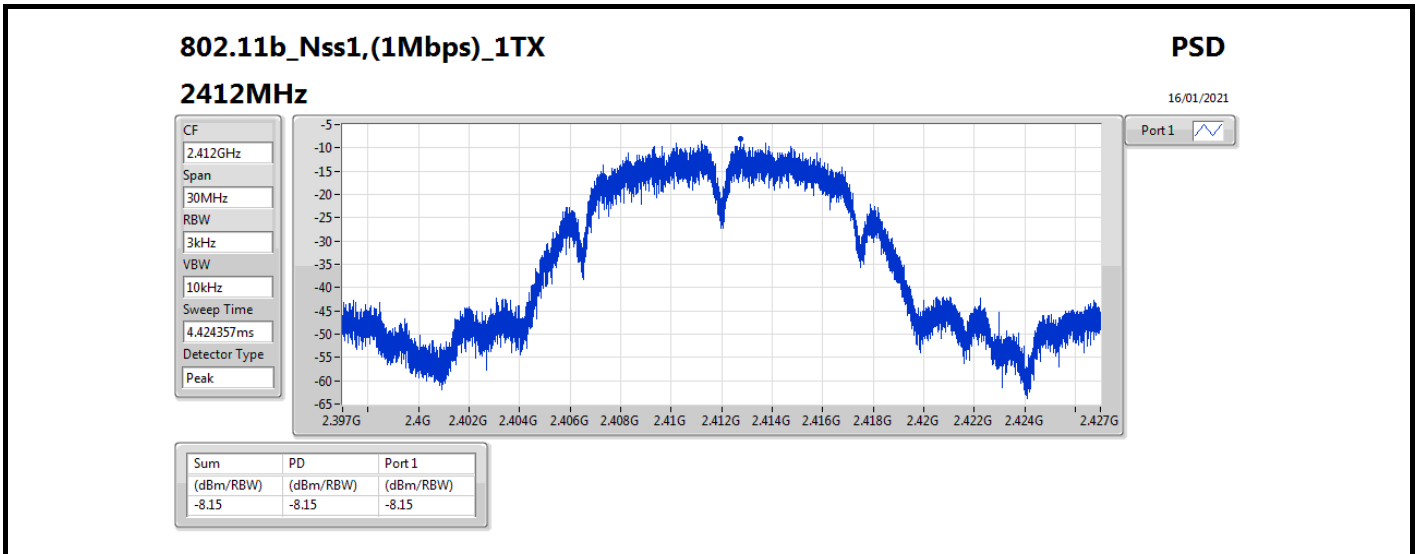
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

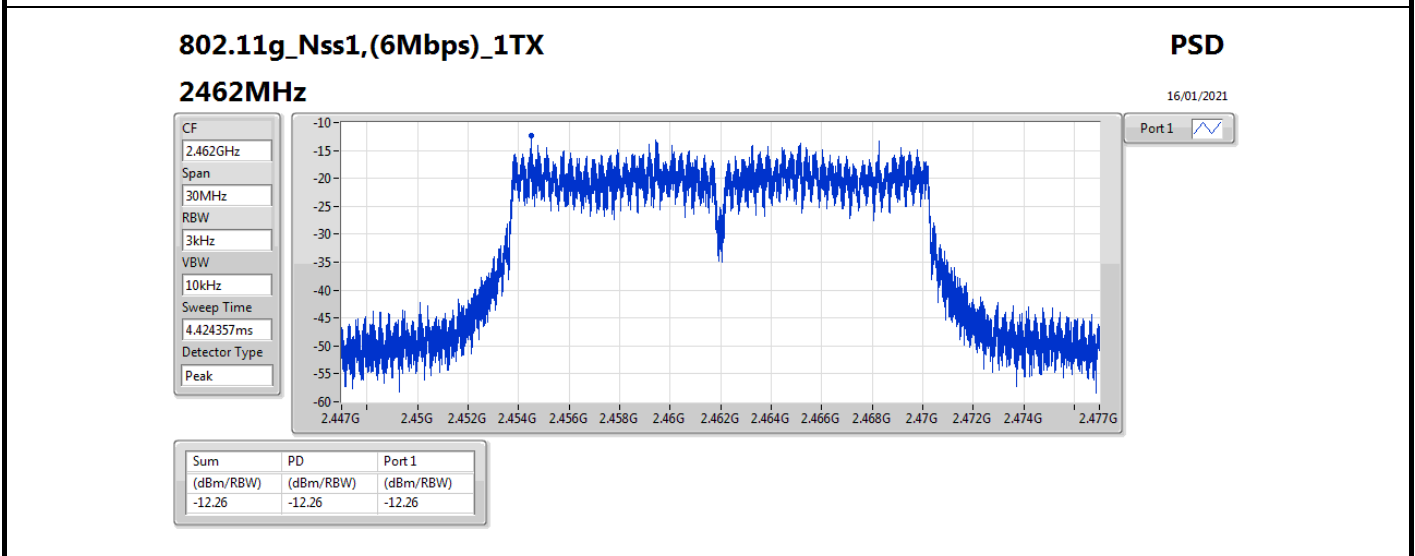
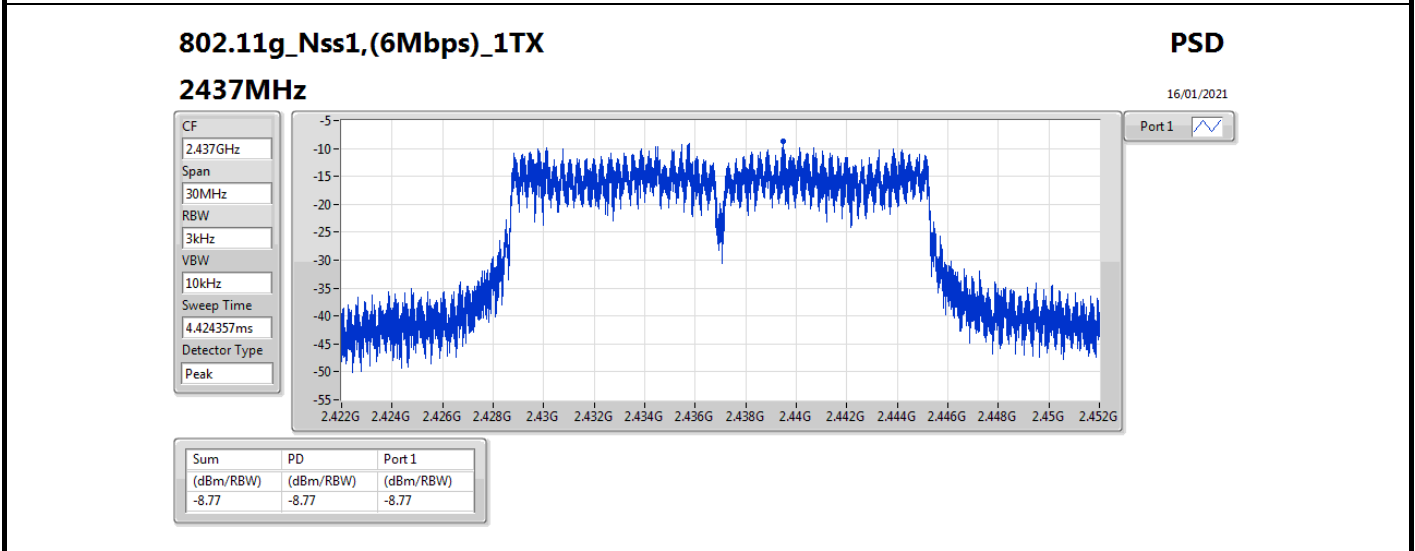
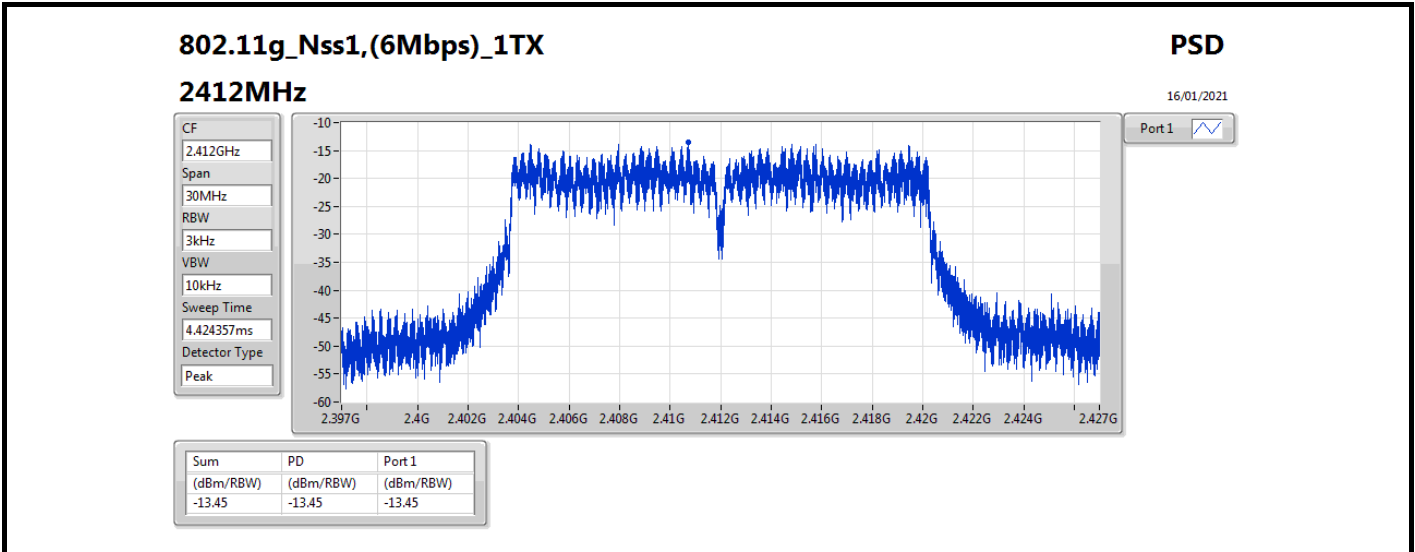
Result

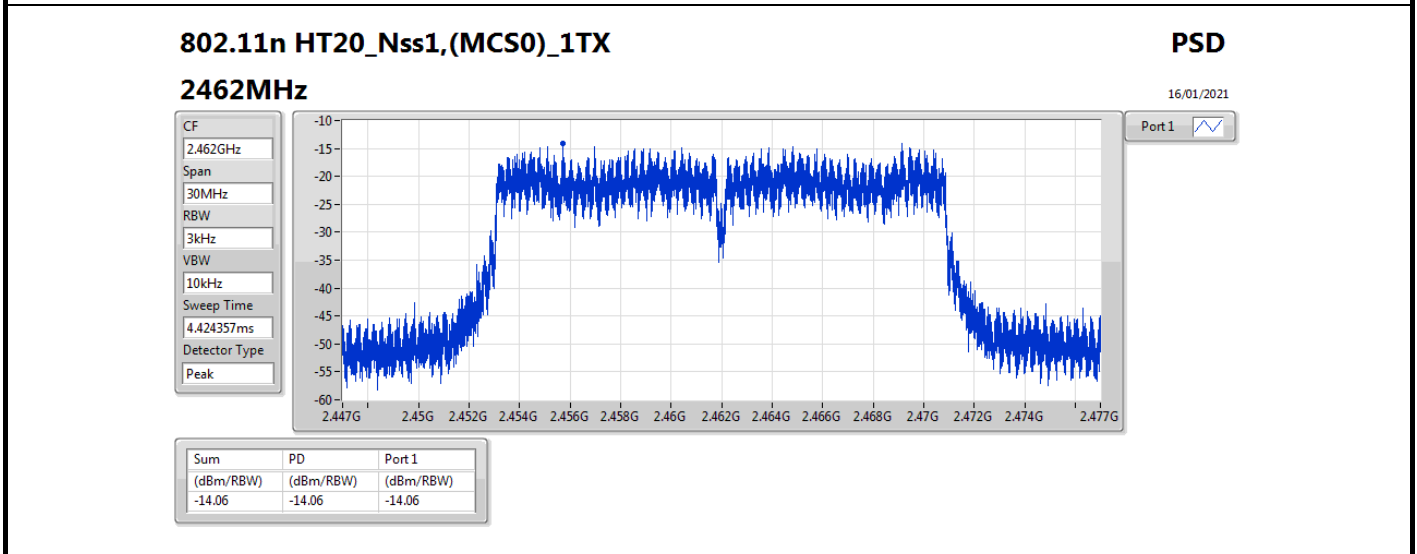
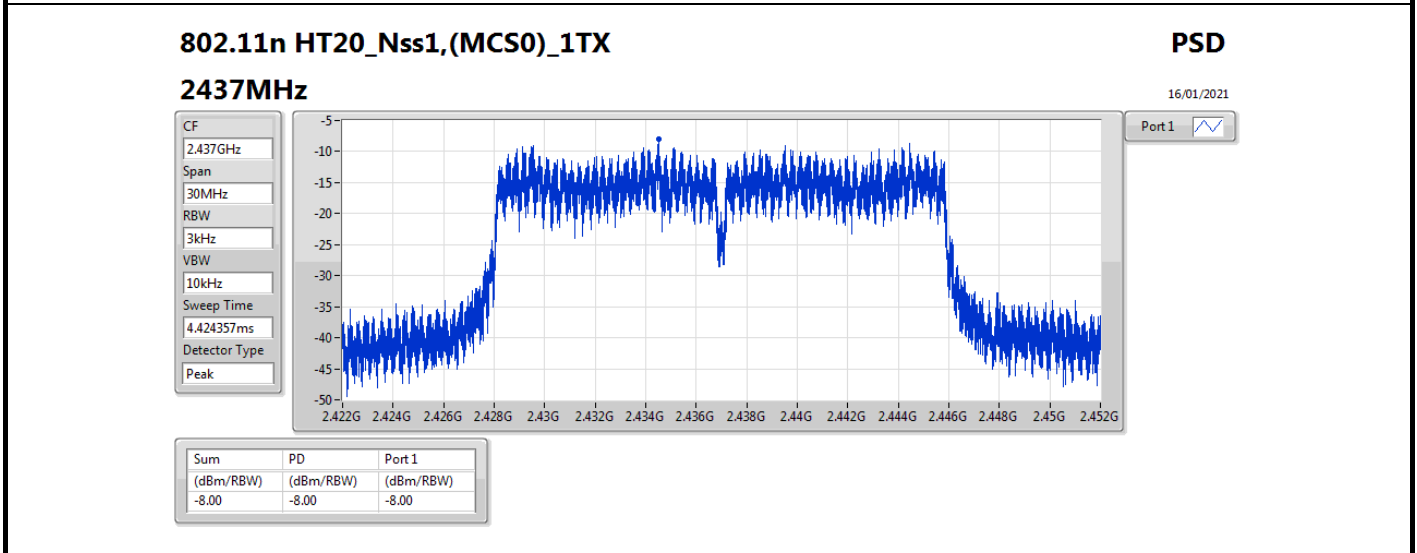
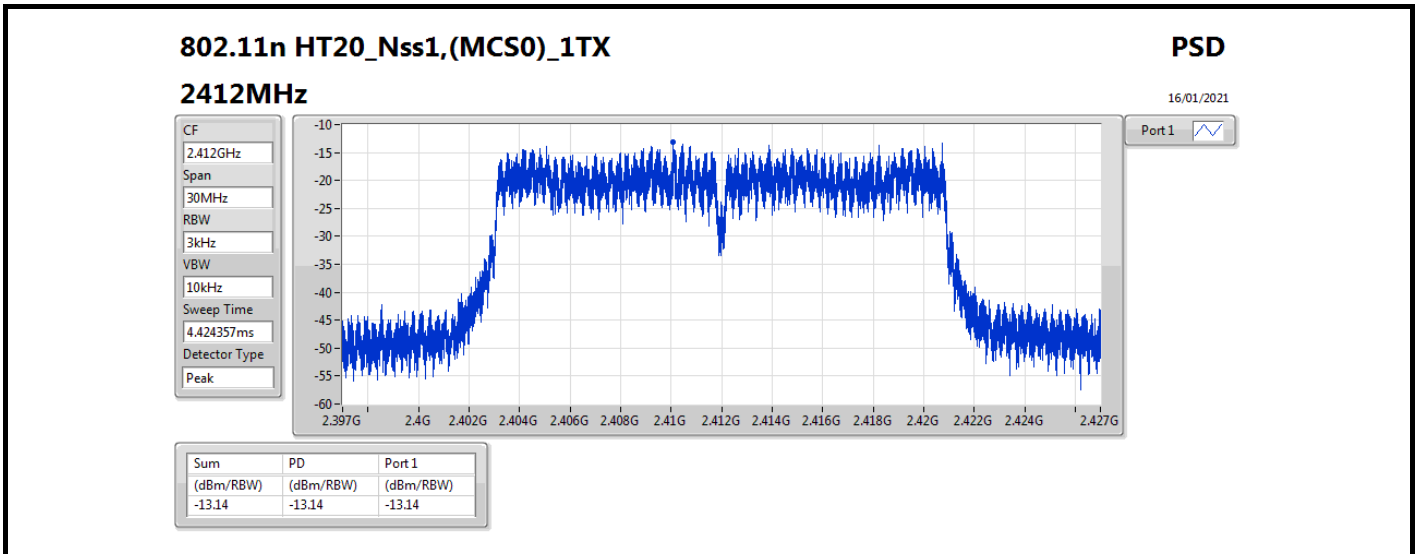
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-8.15	-8.15	8.00
2437MHz	Pass	3.20	-9.43	-9.43	8.00
2462MHz	Pass	3.20	-9.61	-9.61	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-13.45	-13.45	8.00
2437MHz	Pass	3.20	-8.77	-8.77	8.00
2462MHz	Pass	3.20	-12.26	-12.26	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.20	-13.14	-13.14	8.00
2437MHz	Pass	3.20	-8.00	-8.00	8.00
2462MHz	Pass	3.20	-14.06	-14.06	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	3.20	-17.41	-17.41	8.00
2437MHz	Pass	3.20	-14.33	-14.33	8.00
2452MHz	Pass	3.20	-19.27	-19.27	8.00

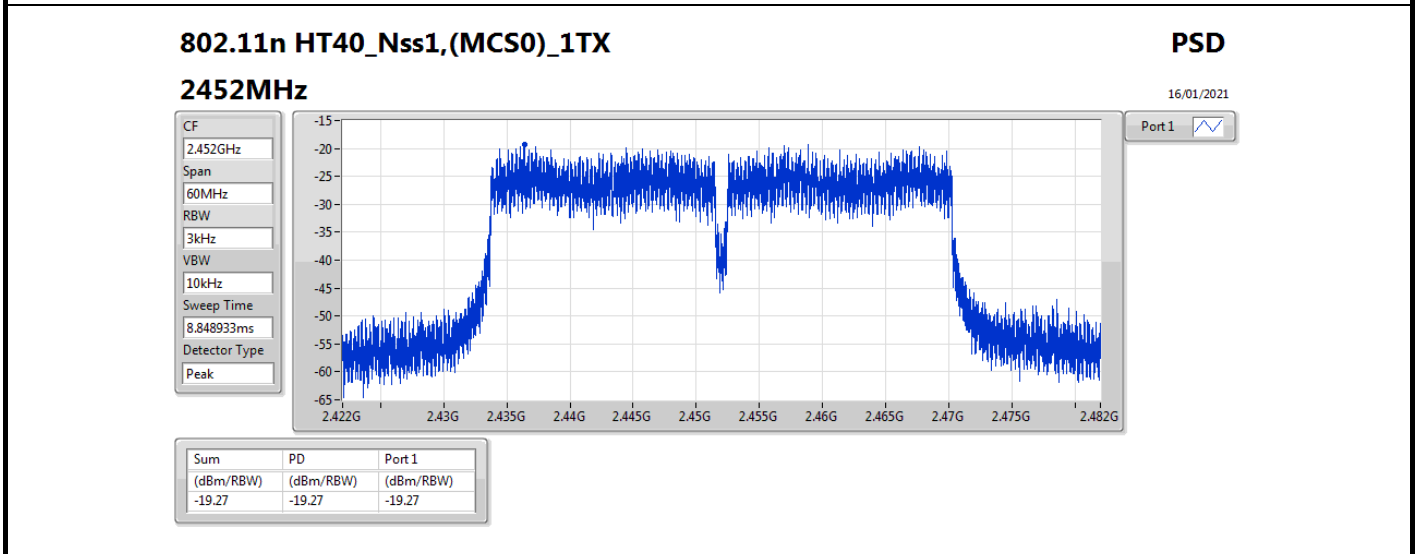
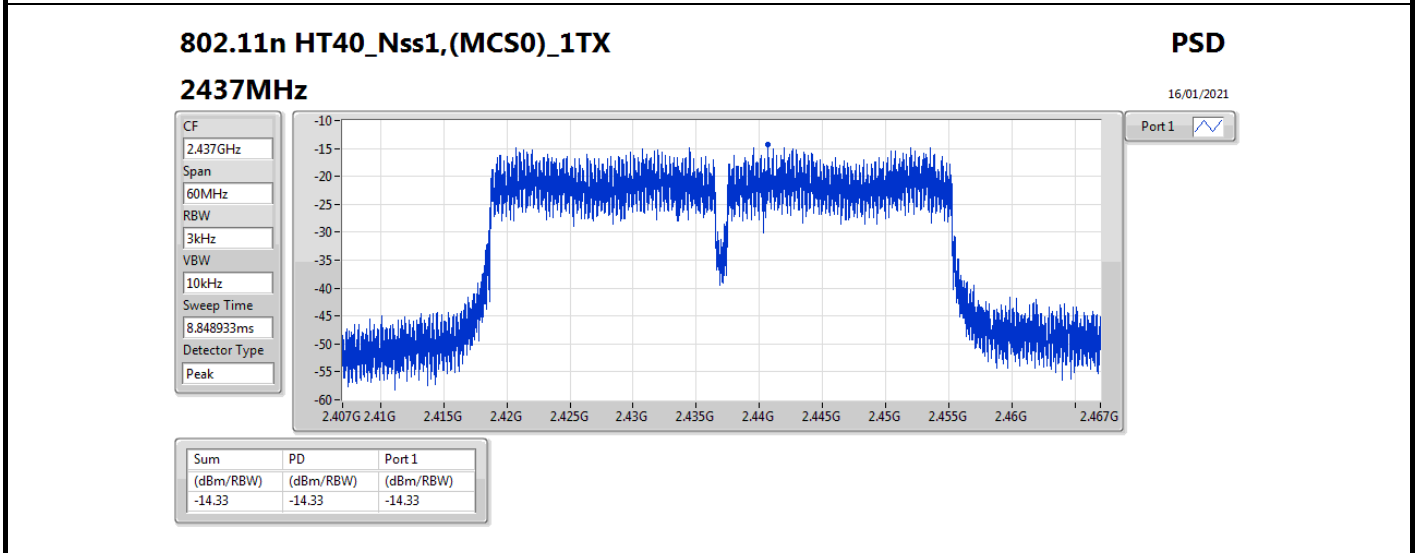
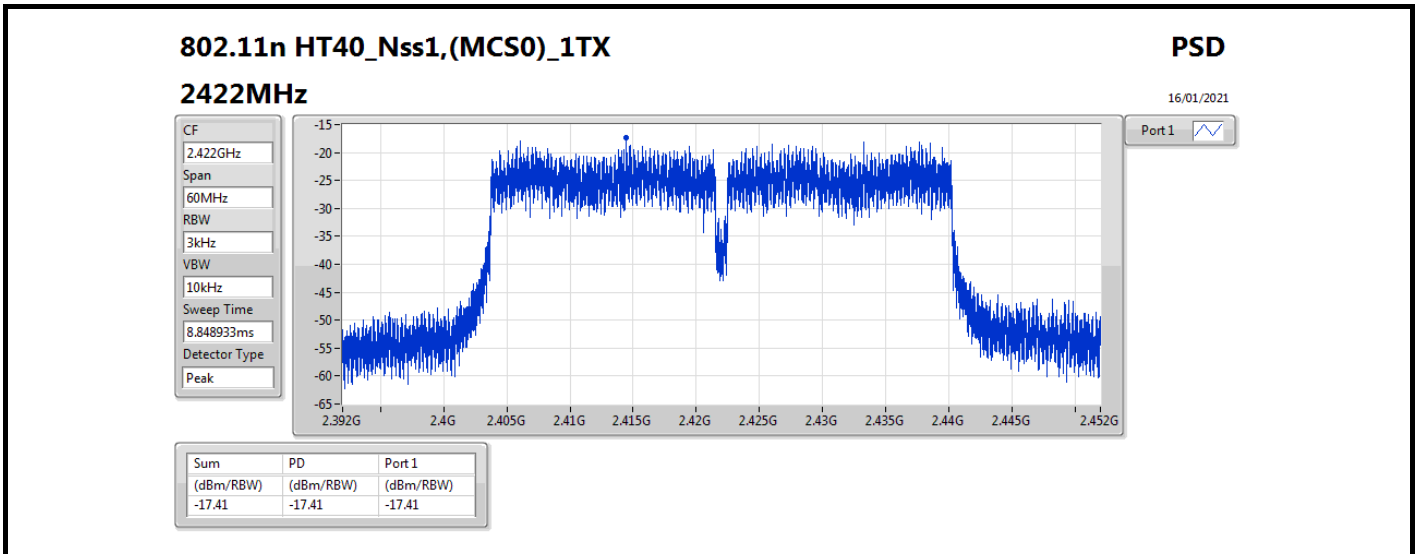
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

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











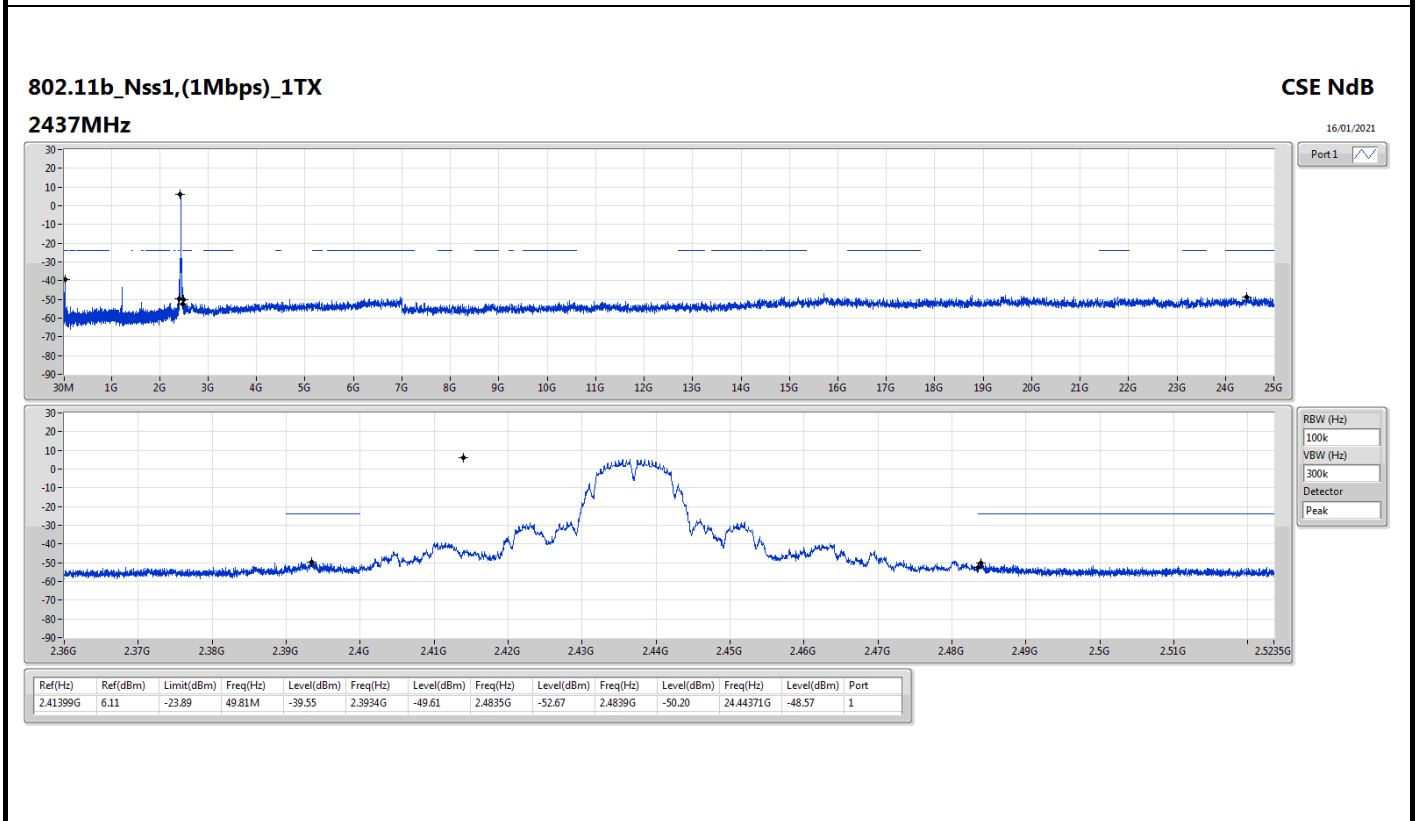
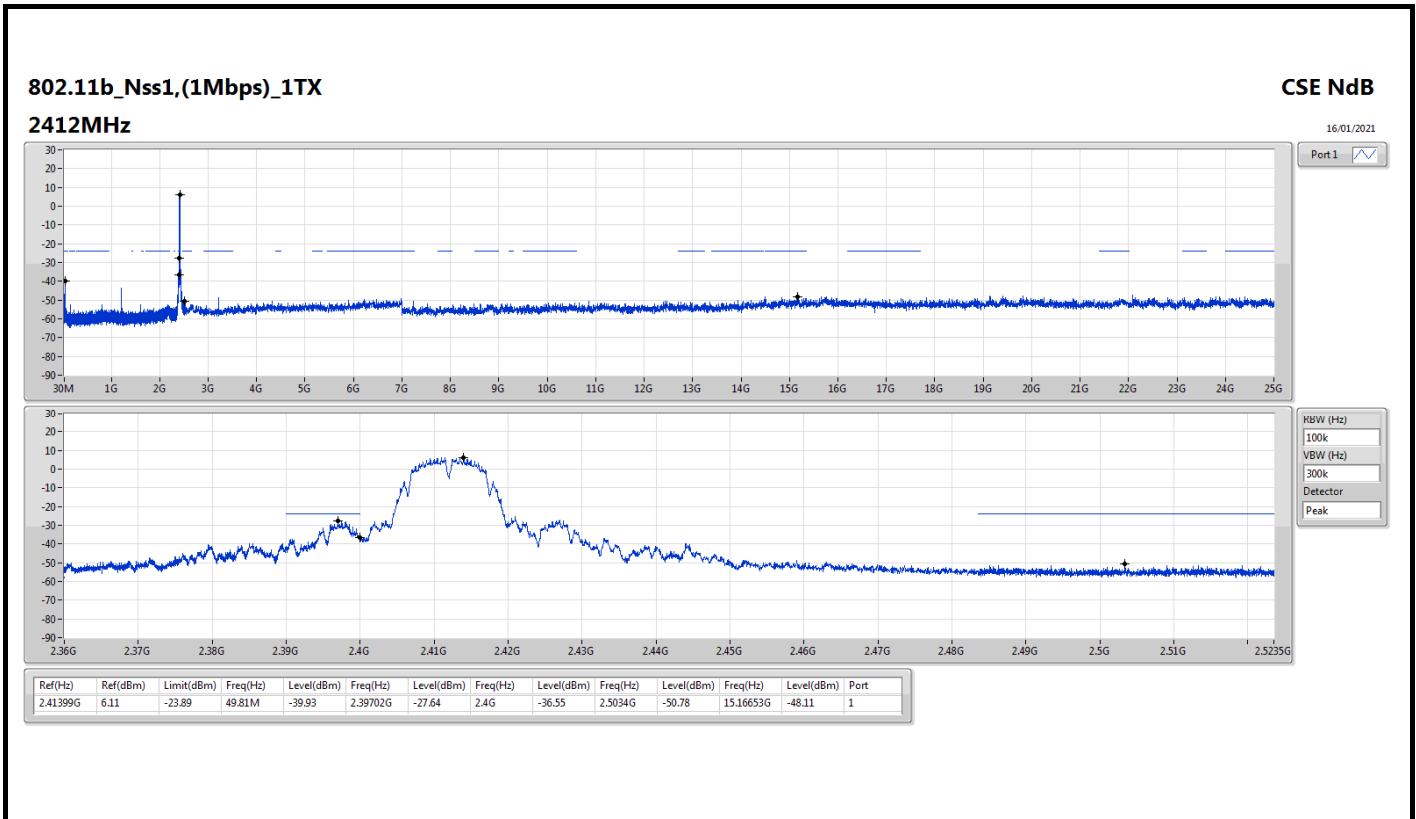
Summary

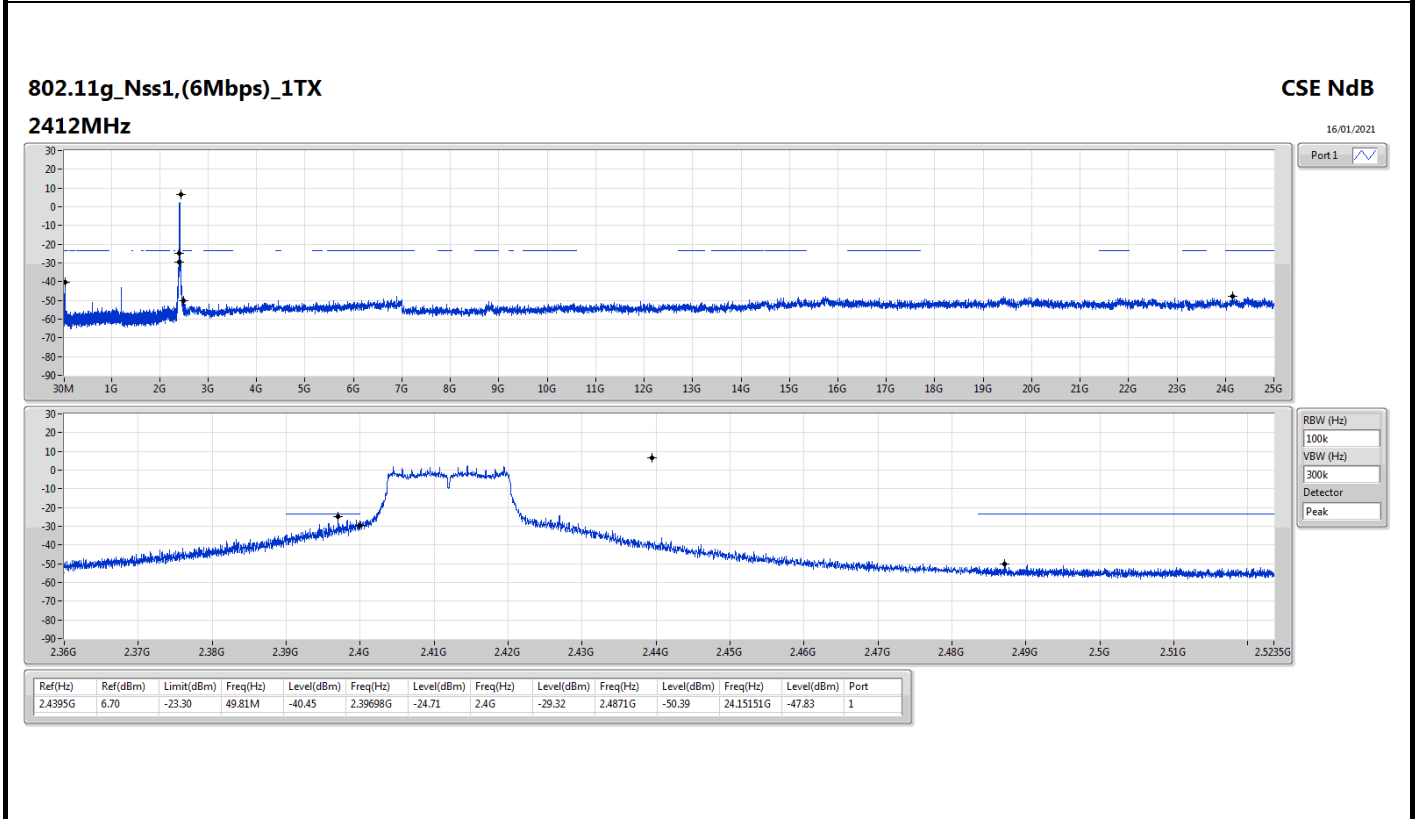
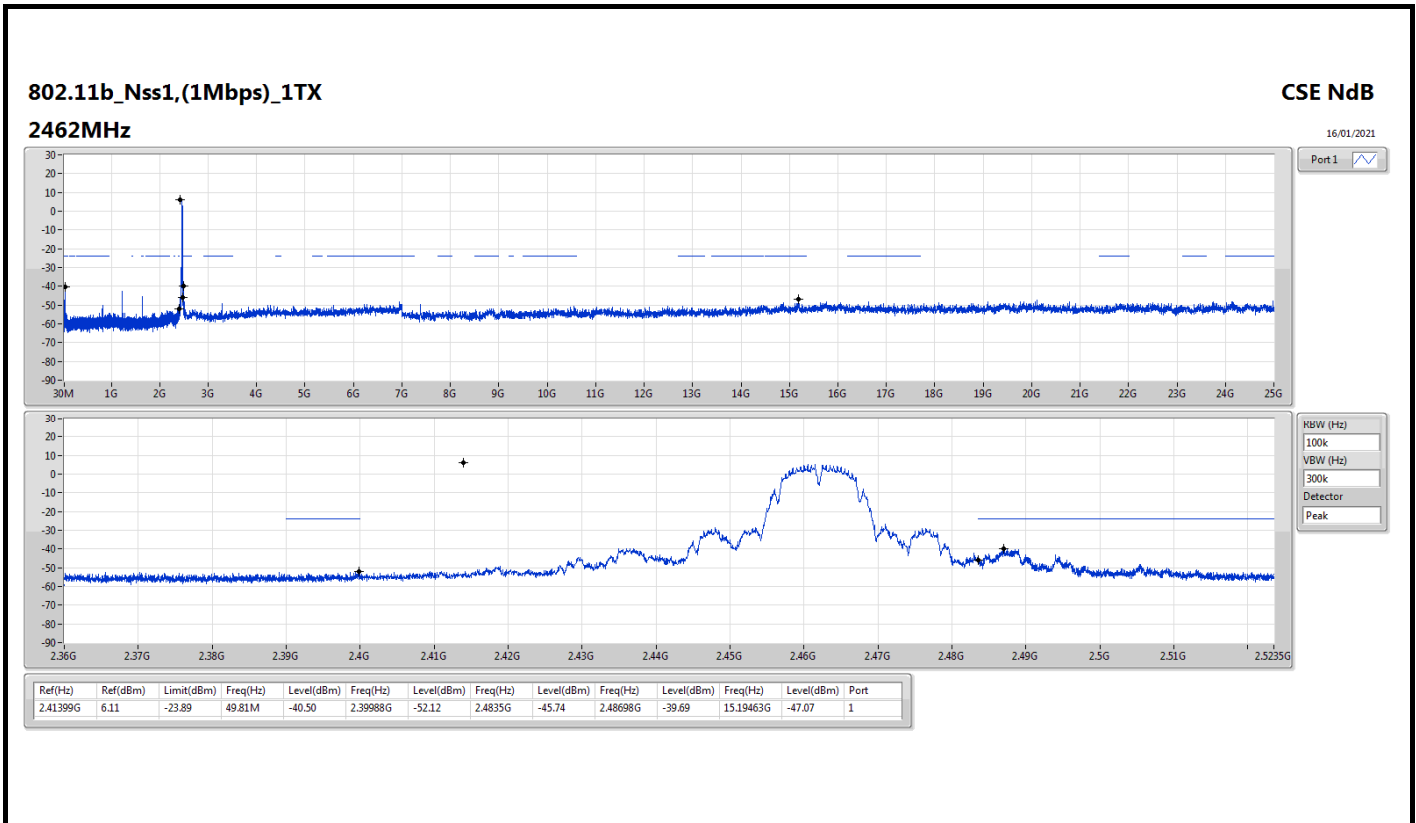
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.41399G	6.11	-23.89	49.81M	-39.93	2.39702G	-27.64	2.4G	-36.55	2.5034G	-50.78	15.16653G	-48.11	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.4395G	6.70	-23.30	49.81M	-40.45	2.39698G	-24.71	2.4G	-29.32	2.4871G	-50.39	24.15151G	-47.83	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4395G	6.71	-23.29	49.81M	-40.92	2.39696G	-25.50	2.4G	-30.37	2.48482G	-50.70	15.1862G	-48.27	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.42071G	0.62	-29.38	49.75M	-40.82	2.39452G	-29.72	2.4G	-35.36	2.4907G	-43.34	16.84714G	-47.94	1

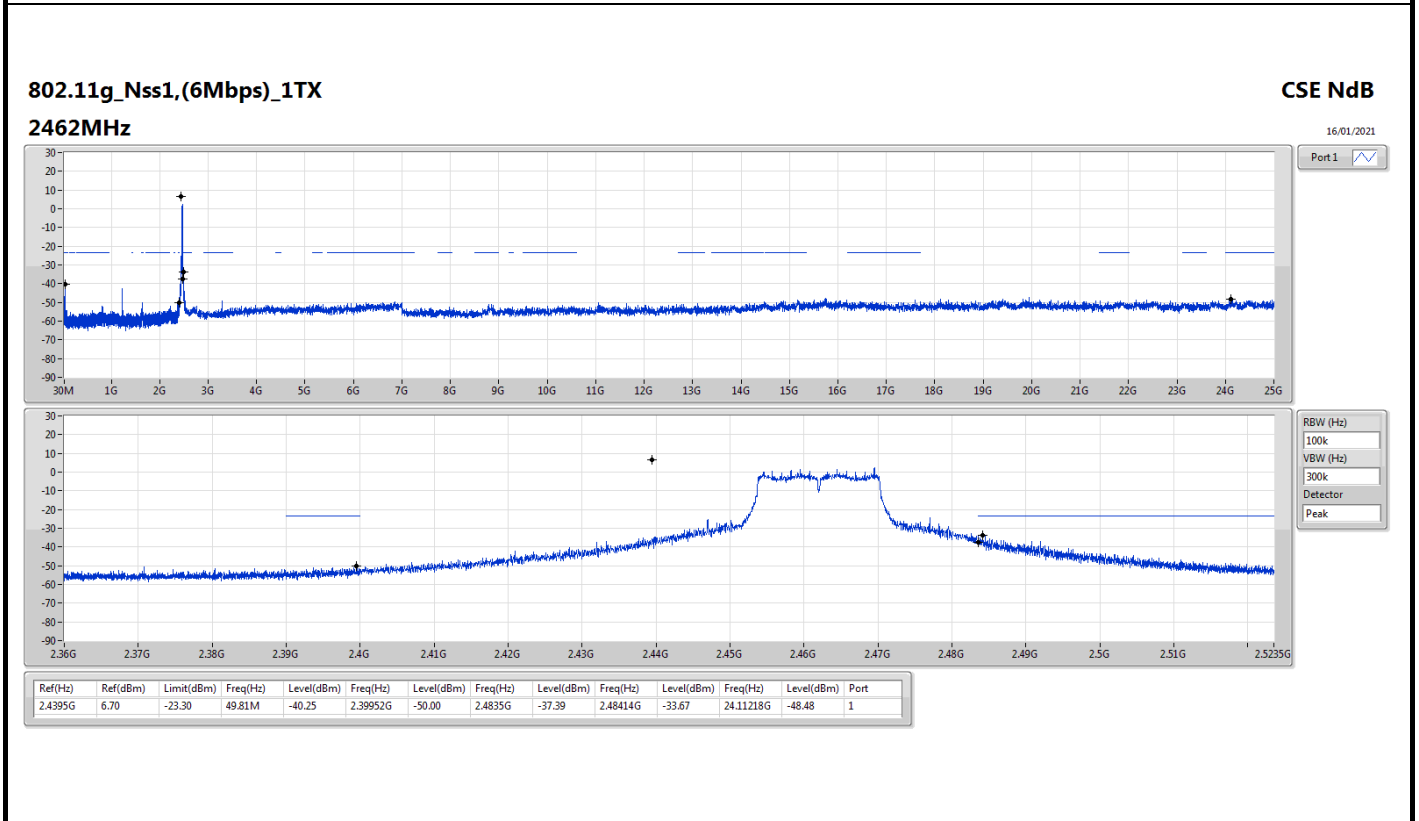
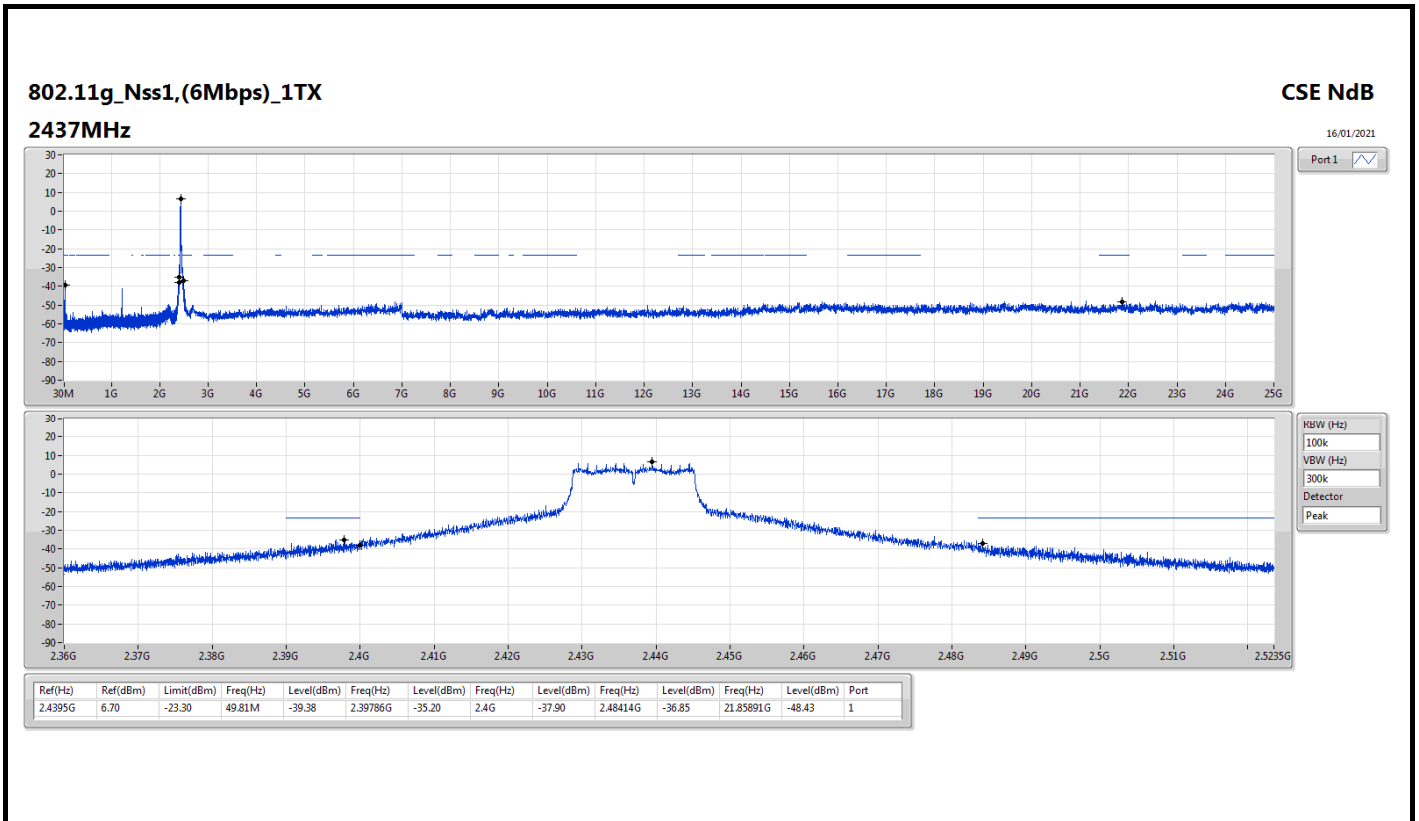


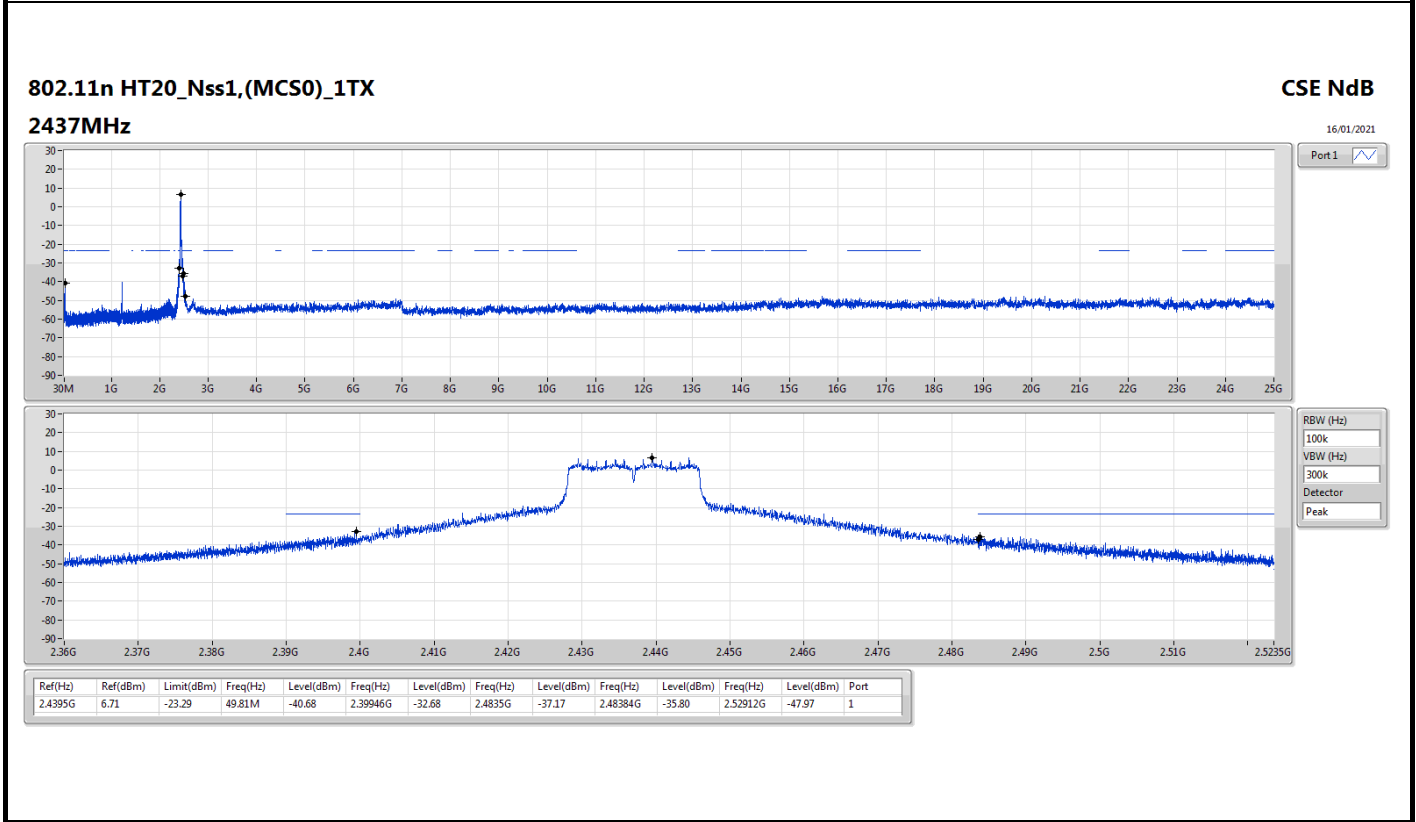
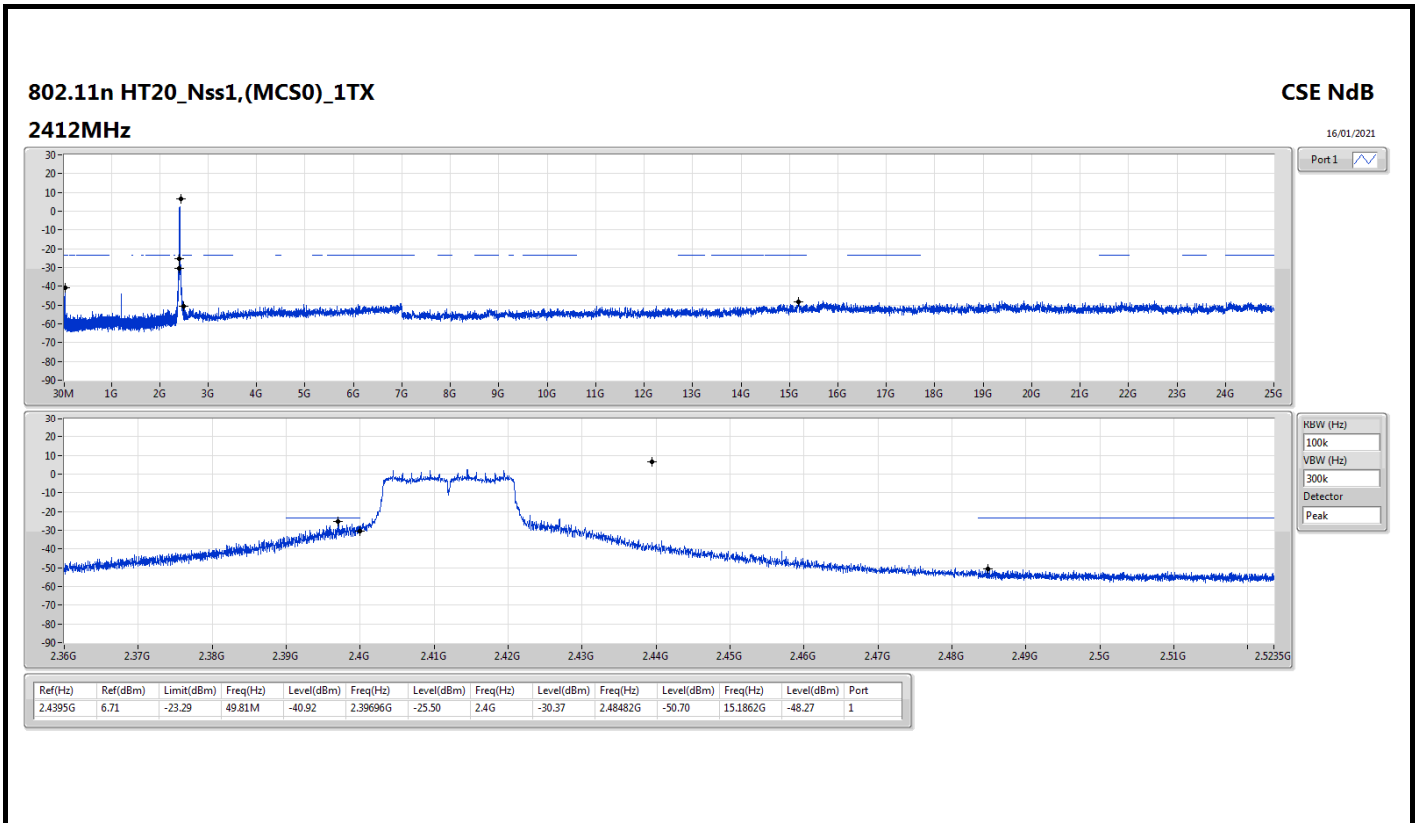
Result

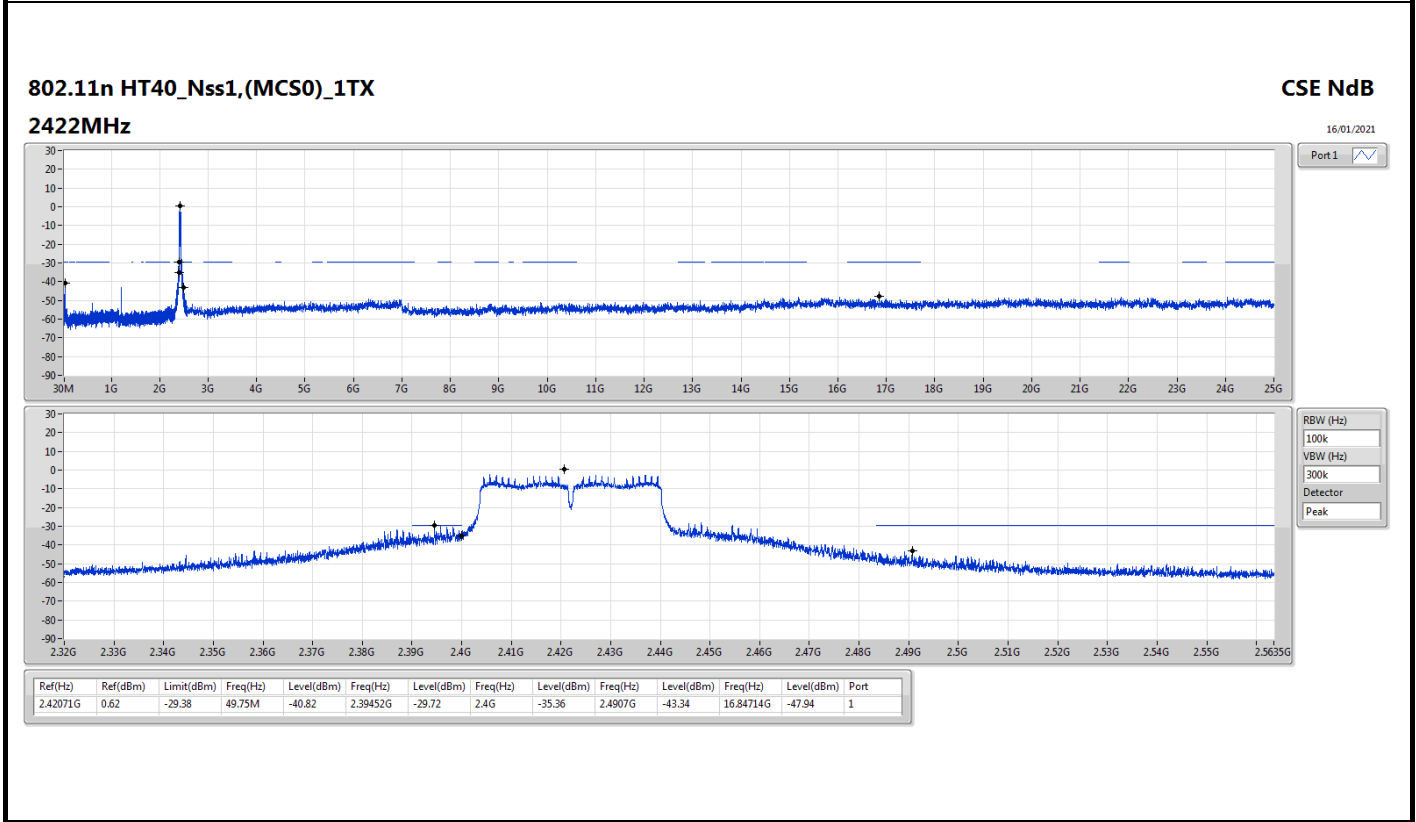
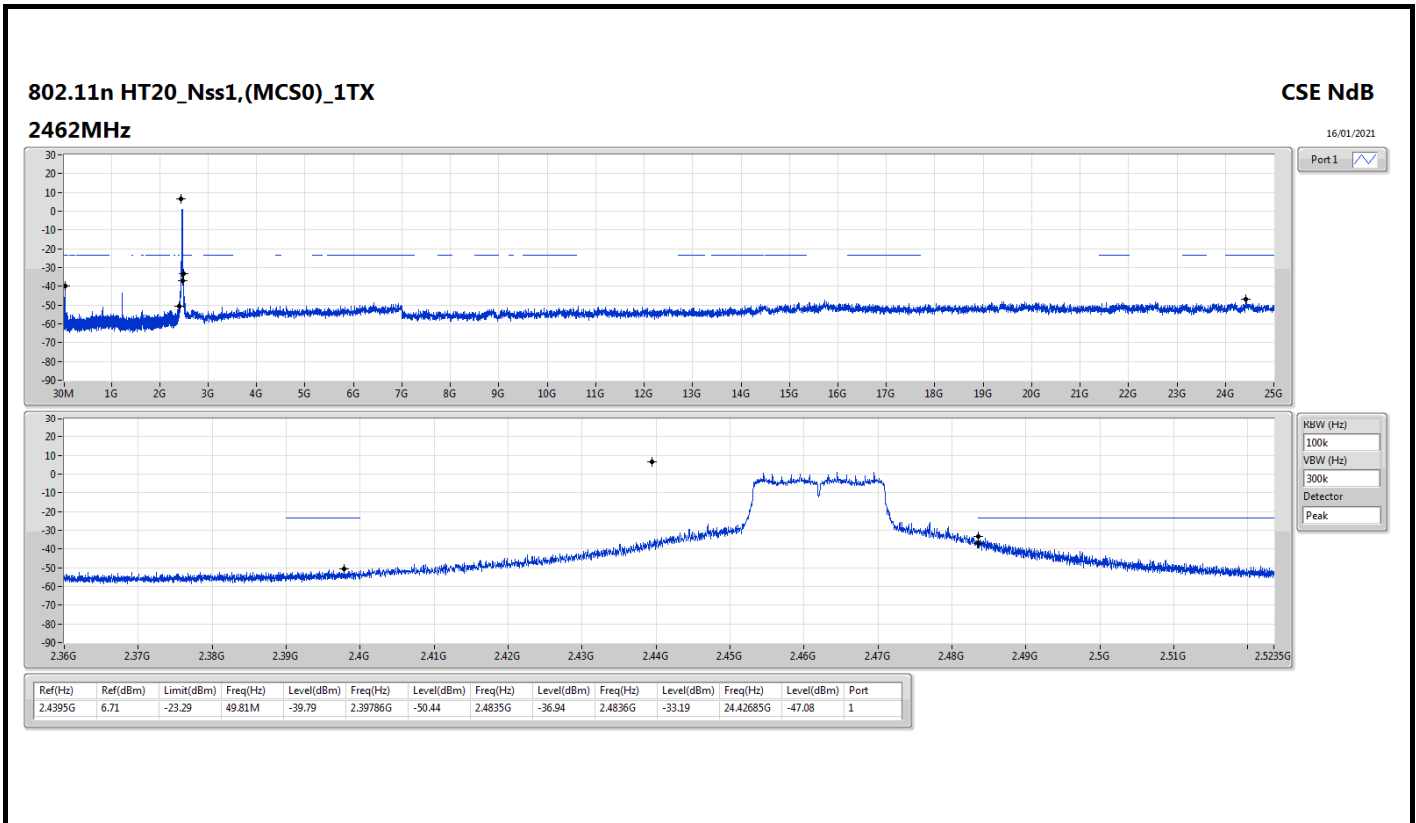
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41399G	6.11	-23.89	49.81M	-39.93	2.39702G	-27.64	2.4G	-36.55	2.5034G	-50.78	15.16653G	-48.11	1
2437MHz	Pass	2.41399G	6.11	-23.89	49.81M	-39.55	2.3934G	-49.61	2.4835G	-52.67	2.4839G	-50.20	24.44371G	-48.57	1
2462MHz	Pass	2.41399G	6.11	-23.89	49.81M	-40.50	2.39988G	-52.12	2.4835G	-45.74	2.48698G	-39.69	15.19463G	-47.07	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	6.70	-23.30	49.81M	-40.45	2.39698G	-24.71	2.4G	-29.32	2.4871G	-50.39	24.15151G	-47.83	1
2437MHz	Pass	2.4395G	6.70	-23.30	49.81M	-39.38	2.39786G	-35.20	2.4G	-37.90	2.48414G	-36.85	21.85891G	-48.43	1
2462MHz	Pass	2.4395G	6.70	-23.30	49.81M	-40.25	2.39952G	-50.00	2.4835G	-37.39	2.48414G	-33.67	24.11218G	-48.48	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	6.71	-23.29	49.81M	-40.92	2.39696G	-25.50	2.4G	-30.37	2.48482G	-50.70	15.1862G	-48.27	1
2437MHz	Pass	2.4395G	6.71	-23.29	49.81M	-40.68	2.39946G	-32.68	2.4835G	-37.17	2.48384G	-35.80	2.52912G	-47.97	1
2462MHz	Pass	2.4395G	6.71	-23.29	49.81M	-39.79	2.39786G	-50.44	2.4835G	-36.94	2.4836G	-33.19	24.42685G	-47.08	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42071G	0.62	-29.38	49.75M	-40.82	2.39452G	-29.72	2.4G	-35.36	2.4907G	-43.34	16.84714G	-47.94	1
2437MHz	Pass	2.42071G	0.62	-29.38	49.75M	-40.58	2.3992G	-30.65	2.4G	-33.15	2.4857G	-32.61	16.38438G	-48.03	1
2452MHz	Pass	2.42071G	0.62	-29.38	49.75M	-40.26	2.39276G	-44.25	2.4835G	-35.41	2.4845G	-32.04	15.17562G	-48.13	1

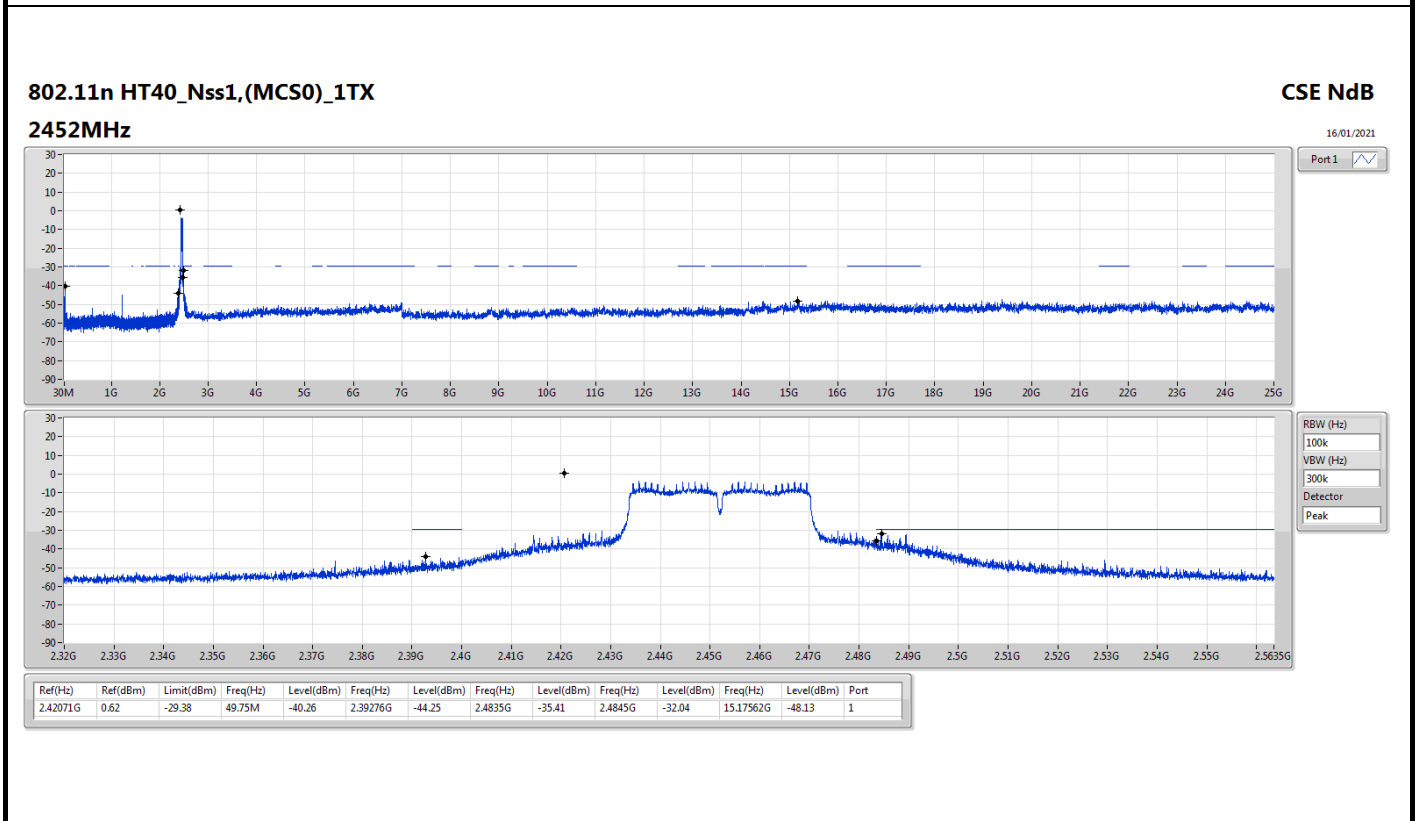
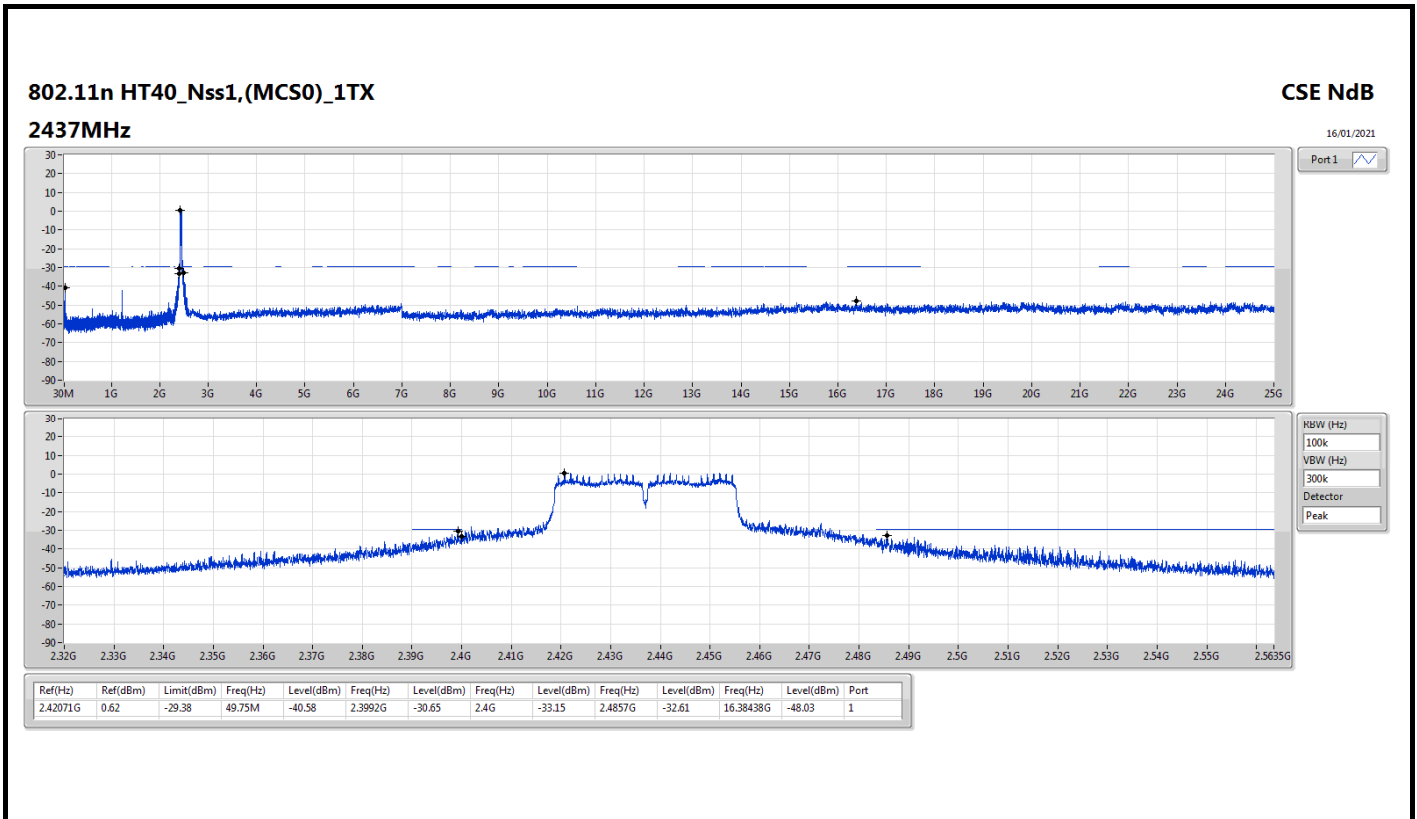








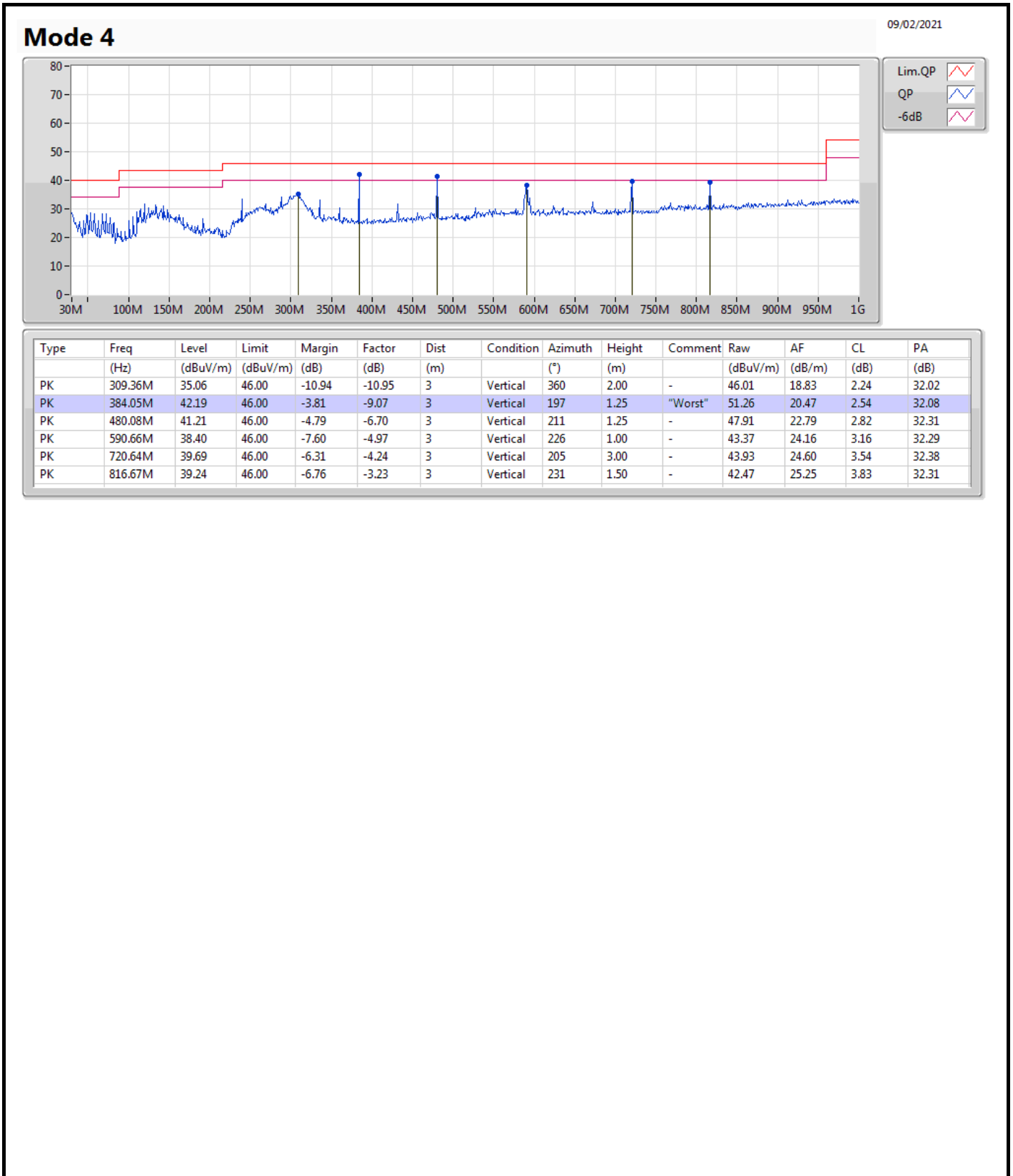


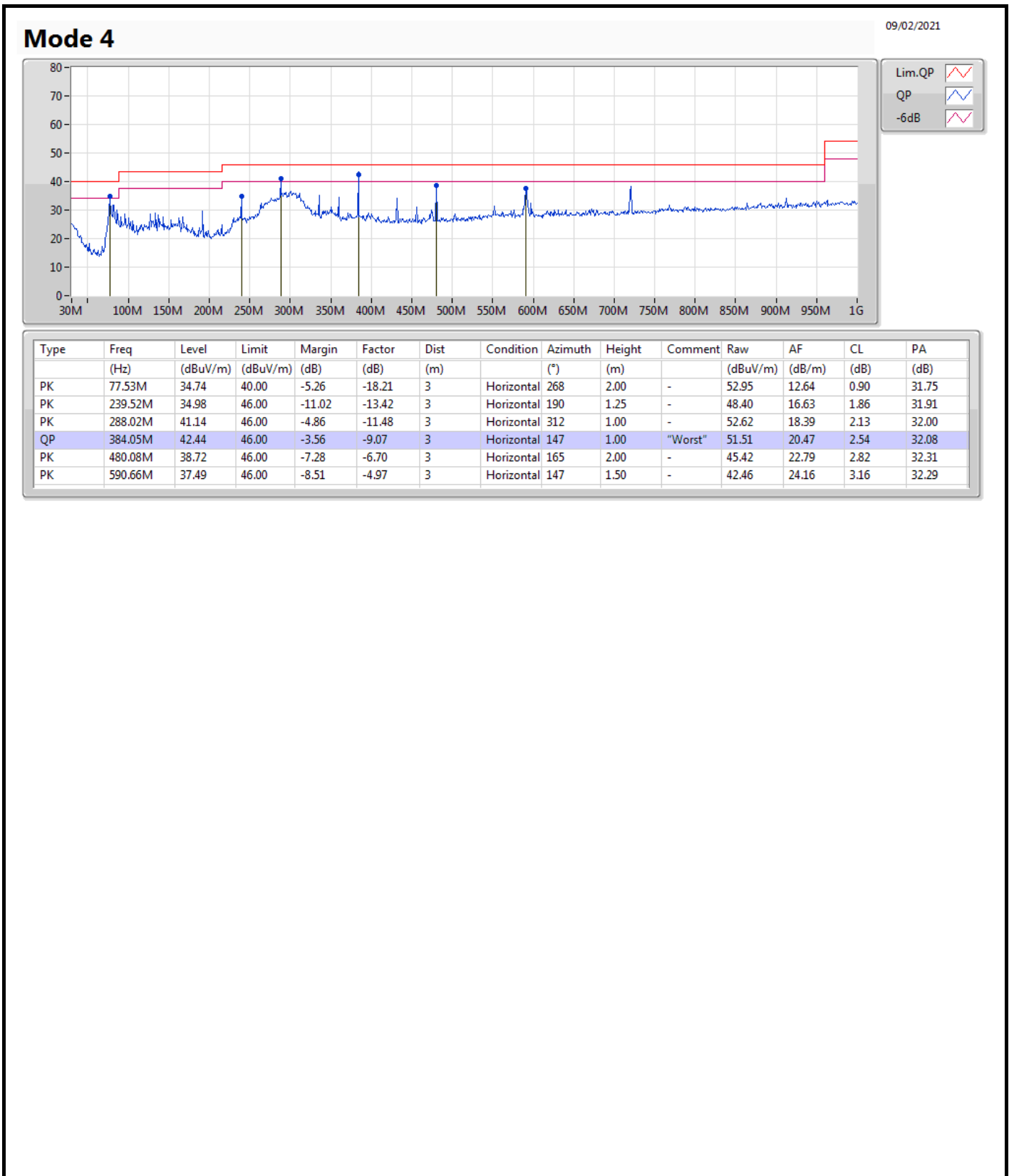




Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	384.05M	42.44	46.00	-3.56	Horizontal







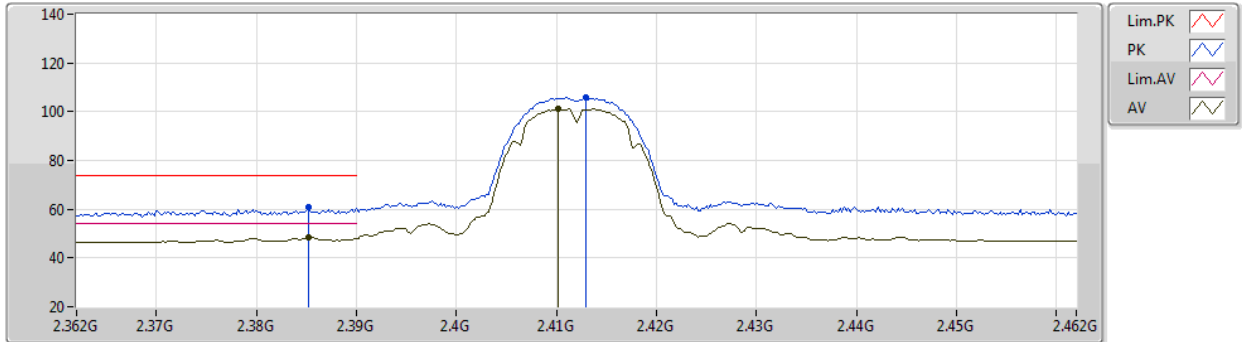
Summary

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	AV	2.4835G	52.99	54.00	-1.01	3	Horizontal	169	2.02	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2412MHz_TX



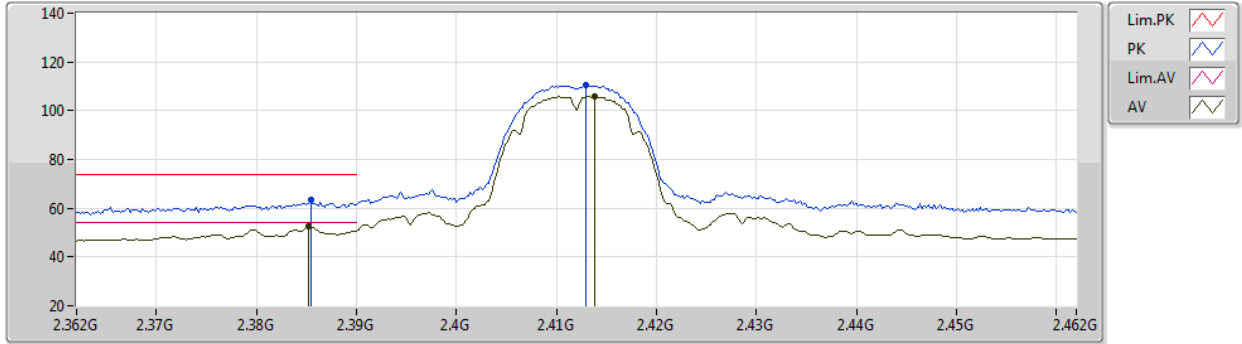
EUT Y_1TX
Setting 18
02-B-K-4

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	2.3852G	60.76	74.00	-13.24	30.05	3	Vertical	70	2.73	-	28.30	2.41	-
AV	2.3852G	48.47	54.00	-5.53	17.76	3	Vertical	70	2.73	-	28.30	2.41	-
PK	2.413G	105.81	Inf	-Inf	75.07	3	Vertical	70	2.73	-	28.33	2.41	-
AV	2.4102G	101.12	Inf	-Inf	70.39	3	Vertical	70	2.73	-	28.32	2.41	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2412MHz_TX



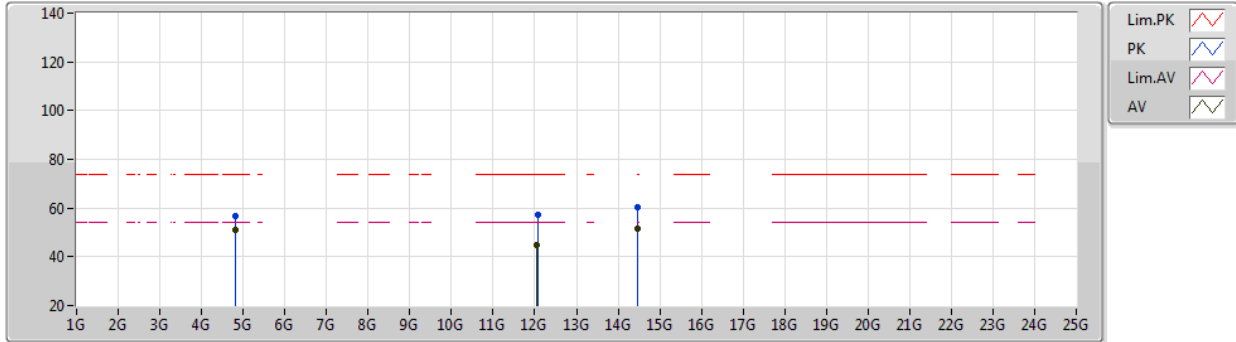
EUT Y_1TX
Setting 18
02-B-K-4

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	2.3854G	63.27	74.00	-10.73	32.56	3	Horizontal	182	2.28	-	28.30	2.41	-
AV	2.3852G	52.44	54.00	-1.56	21.73	3	Horizontal	182	2.28	-	28.30	2.41	-
PK	2.413G	110.54	Inf	-Inf	79.80	3	Horizontal	182	2.28	-	28.33	2.41	-
AV	2.4138G	105.84	Inf	-Inf	75.10	3	Horizontal	182	2.28	-	28.33	2.41	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2412MHz_TX



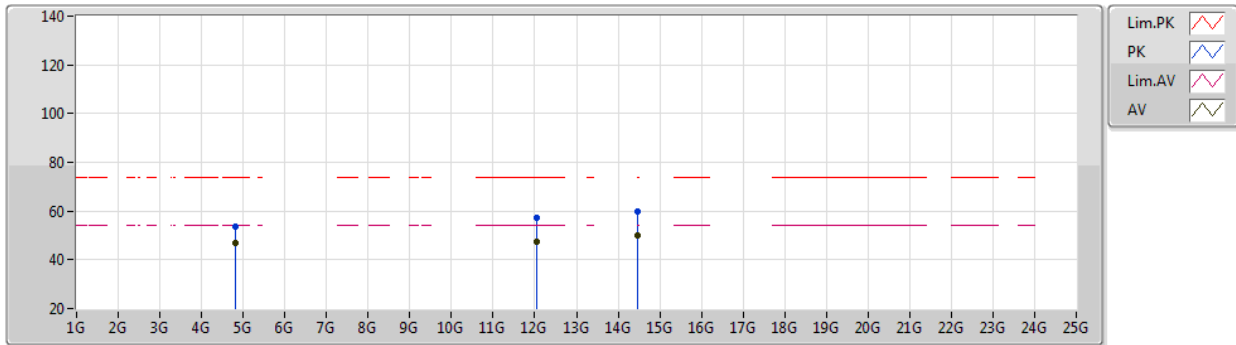
EUT Y_1TX
Setting 18
02-B-K-4

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	4.824G	56.90	74.00	-17.10	51.08	3	Vertical	209	1.91	-	32.90	4.70	31.78
AV	4.82396G	51.23	54.00	-2.77	45.41	3	Vertical	209	1.91	-	32.90	4.70	31.78
PK	12.06228G	57.11	74.00	-16.89	43.11	3	Vertical	163	2.23	-	39.11	7.82	32.93
AV	12.05936G	44.91	54.00	-9.09	30.90	3	Vertical	163	2.23	-	39.12	7.82	32.93
PK	14.4718G	60.28	74.00	-13.72	42.03	3	Vertical	161	1.80	-	42.32	8.67	32.74
AV	14.47193G	51.35	54.00	-2.65	33.10	3	Vertical	161	1.80	-	42.32	8.67	32.74

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2412MHz_TX



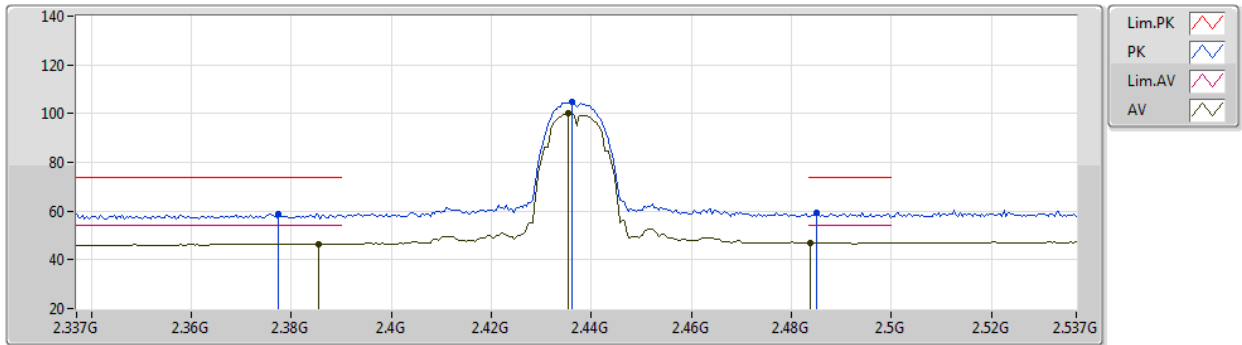
EUT Y_1TX
Setting 18
02-B-K-4

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	4.824G	53.75	74.00	-20.25	47.93	3	Horizontal	58	1.34	-	32.90	4.70	31.78
AV	4.824G	46.99	54.00	-7.01	41.17	3	Horizontal	58	1.34	-	32.90	4.70	31.78
PK	12.06156G	57.41	74.00	-16.59	43.40	3	Horizontal	182	2.81	-	39.12	7.82	32.93
AV	12.05924G	47.66	54.00	-6.34	33.65	3	Horizontal	182	2.81	-	39.12	7.82	32.93
PK	14.47194G	59.83	74.00	-14.17	41.58	3	Horizontal	193	2.30	-	42.32	8.67	32.74
AV	14.47195G	50.05	54.00	-3.95	31.80	3	Horizontal	193	2.30	-	42.32	8.67	32.74

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2437MHz_TX



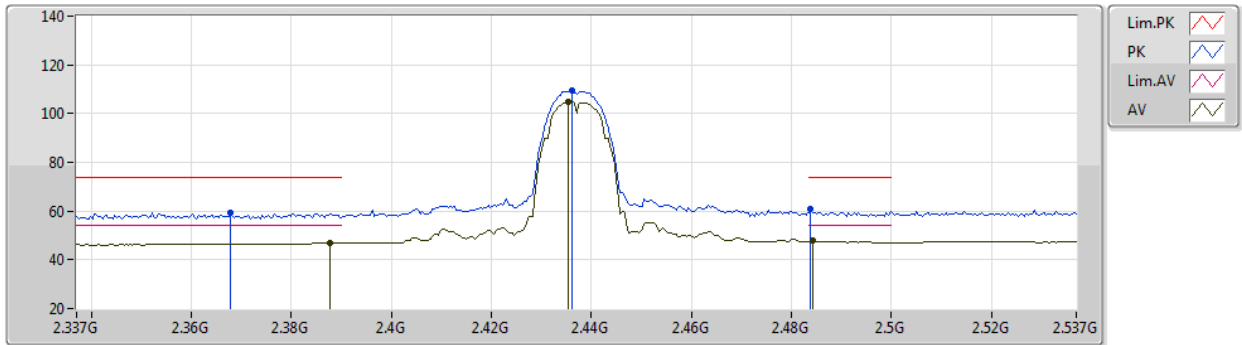
EUT Y_1TX
Setting 17
02-B-K-4

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	2.3774G	58.88	74.00	-15.12	28.17	3	Vertical	100	2.42	-	28.30	2.41	-
AV	2.3854G	46.50	54.00	-7.50	15.79	3	Vertical	100	2.42	-	28.30	2.41	-
PK	2.4362G	104.63	Inf	-Inf	73.84	3	Vertical	100	2.42	-	28.37	2.42	-
AV	2.4354G	100.09	Inf	-Inf	69.30	3	Vertical	100	2.42	-	28.37	2.42	-
PK	2.485G	59.47	74.00	-14.53	28.49	3	Vertical	100	2.42	-	28.54	2.44	-
AV	2.4838G	46.87	54.00	-7.13	15.89	3	Vertical	100	2.42	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2437MHz_TX



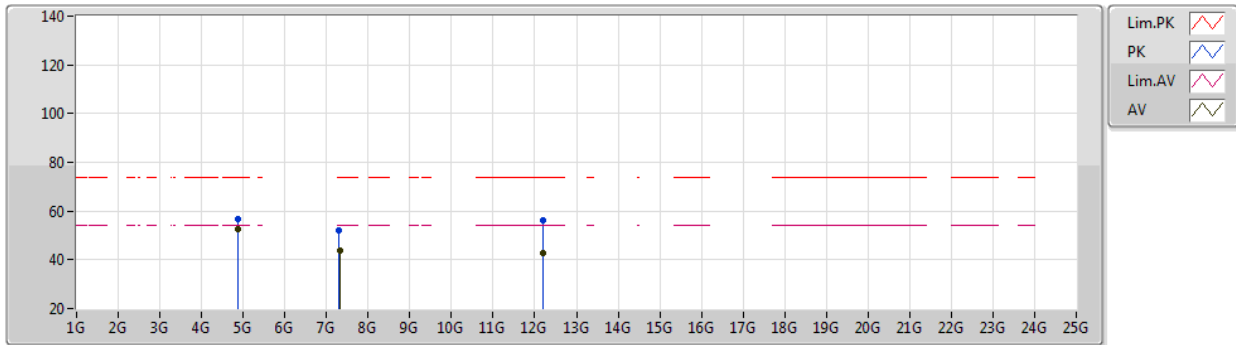
EUT Y_1TX
Setting 17
02-B-K-4

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	2.3678G	59.19	74.00	-14.81	28.47	3	Horizontal	182	2.67	-	28.30	2.42	-
AV	2.3878G	46.83	54.00	-7.17	16.12	3	Horizontal	182	2.67	-	28.30	2.41	-
PK	2.4362G	109.35	Inf	-Inf	78.56	3	Horizontal	182	2.67	-	28.37	2.42	-
AV	2.4354G	104.72	Inf	-Inf	73.93	3	Horizontal	182	2.67	-	28.37	2.42	-
PK	2.4838G	60.89	74.00	-13.11	29.91	3	Horizontal	182	2.67	-	28.54	2.44	-
AV	2.4842G	47.80	54.00	-6.20	16.82	3	Horizontal	182	2.67	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2437MHz_TX



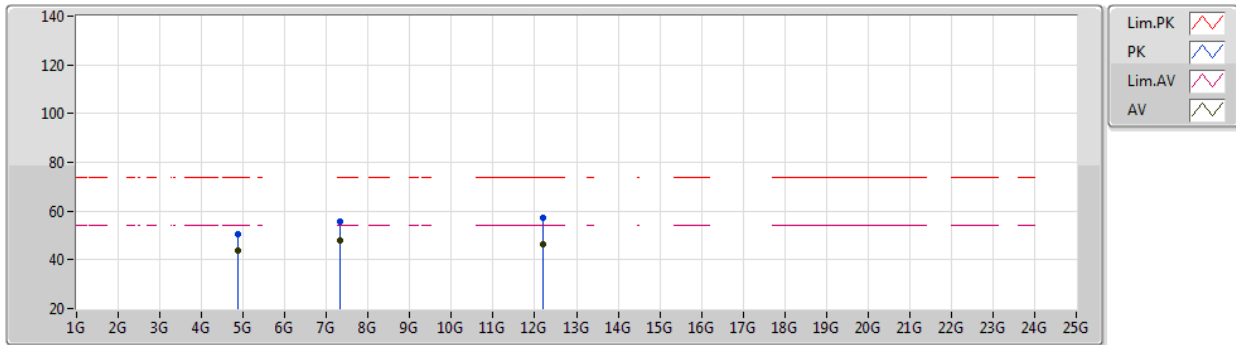
EUT Y_1TX
Setting 17
02-B-J-7

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	4.87393G	56.90	74.00	-17.10	50.89	3	Vertical	200	1.67	-	33.10	4.70	31.79
AV	4.87397G	52.78	54.00	-1.22	46.77	3	Vertical	200	1.67	-	33.10	4.70	31.79
PK	7.31G	52.20	74.00	-21.80	42.45	3	Vertical	198	1.95	-	36.42	5.75	32.42
AV	7.31022G	43.61	54.00	-10.39	33.85	3	Vertical	198	1.95	-	36.42	5.76	32.42
PK	12.18288G	55.96	74.00	-18.04	42.17	3	Vertical	164	2.10	-	38.83	7.86	32.90
AV	12.18412G	42.97	54.00	-11.03	29.18	3	Vertical	164	2.10	-	38.83	7.86	32.90

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2437MHz_TX



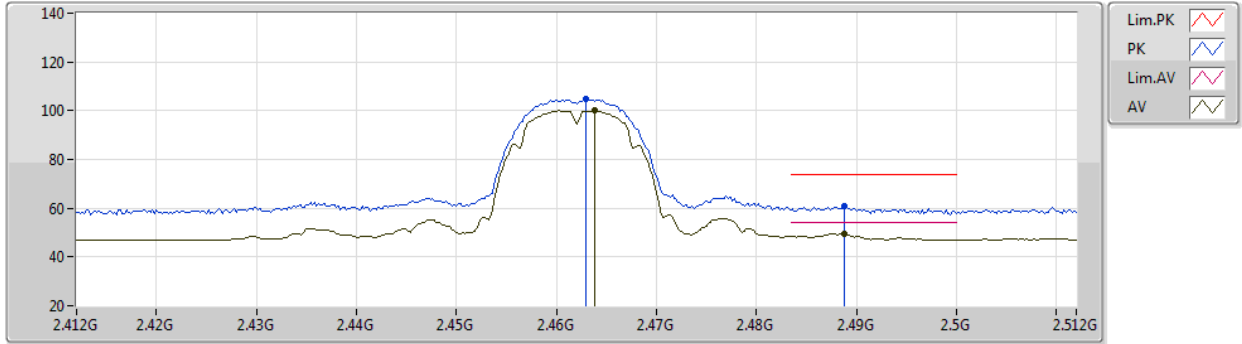
EUT Y_1TX
Setting 17
02-B-J-7

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	4.87405G	50.58	74.00	-23.42	44.57	3	Horizontal	10	2.06	-	33.10	4.70	31.79
AV	4.87397G	43.70	54.00	-10.30	37.69	3	Horizontal	10	2.06	-	33.10	4.70	31.79
PK	7.31136G	55.68	74.00	-18.32	45.92	3	Horizontal	160	1.75	-	36.42	5.76	32.42
AV	7.3117G	47.78	54.00	-6.22	38.02	3	Horizontal	160	1.75	-	36.42	5.76	32.42
PK	12.18528G	57.03	74.00	-16.97	43.24	3	Horizontal	181	1.92	-	38.83	7.86	32.90
AV	12.18424G	46.44	54.00	-7.56	32.65	3	Horizontal	181	1.92	-	38.83	7.86	32.90

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2462MHz_TX



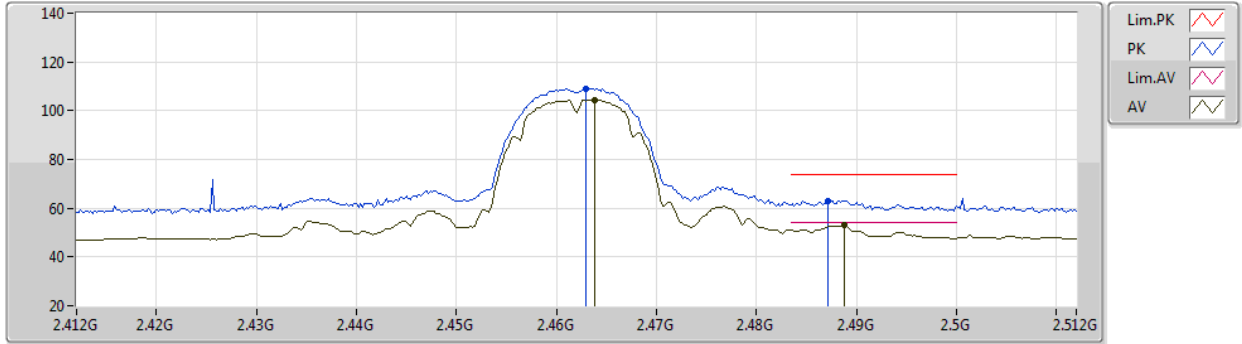
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Setting 17
02-B-K-4

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	104.68	Inf	-Inf	73.80	3	Vertical	98	2.67	-	28.45	2.43	-
AV	2.4638G	99.95	Inf	-Inf	69.06	3	Vertical	98	2.67	-	28.46	2.43	-
PK	2.4888G	60.66	74.00	-13.34	29.66	3	Vertical	98	2.67	-	28.56	2.44	-
AV	2.4888G	49.64	54.00	-4.36	18.64	3	Vertical	98	2.67	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2462MHz_TX



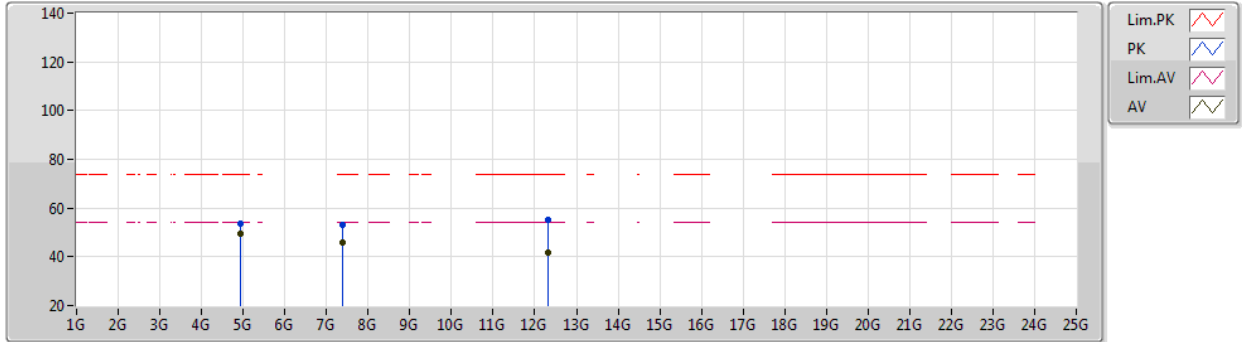
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Setting 17
02-B-K-4

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	109.22	Inf	-Inf	78.34	3	Horizontal	182	2.38	-	28.45	2.43	-
AV	2.4638G	104.46	Inf	-Inf	73.57	3	Horizontal	182	2.38	-	28.46	2.43	-
PK	2.4872G	63.18	74.00	-10.82	32.19	3	Horizontal	182	2.38	-	28.55	2.44	-
AV	2.4888G	52.98	54.00	-1.02	21.98	3	Horizontal	182	2.38	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2462MHz_TX



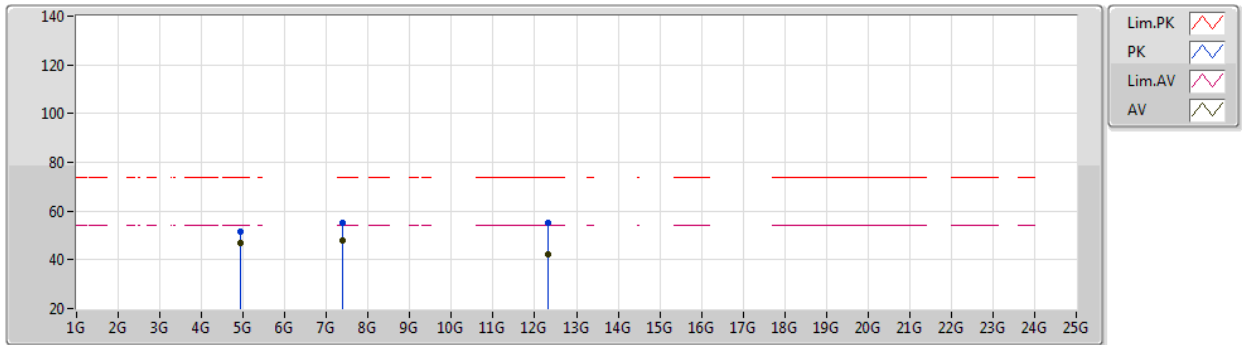
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Setting 17
02-B-K-4

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	4.92404G	53.37	74.00	-20.63	47.28	3	Vertical	209	1.75	-	33.20	4.70	31.81
AV	4.92398G	49.30	54.00	-4.70	43.21	3	Vertical	209	1.75	-	33.20	4.70	31.81
PK	7.38748G	53.34	74.00	-20.66	43.57	3	Vertical	182	2.06	-	36.43	5.79	32.45
AV	7.3852G	45.68	54.00	-8.32	35.91	3	Vertical	182	2.06	-	36.43	5.79	32.45
PK	12.31068G	55.09	74.00	-18.91	41.35	3	Vertical	165	1.95	-	38.70	7.91	32.87
AV	12.30916G	41.96	54.00	-12.04	28.22	3	Vertical	165	1.95	-	38.70	7.91	32.87

802.11b_Nss1,(1Mbps)_1TX

26/12/2020

2462MHz_TX



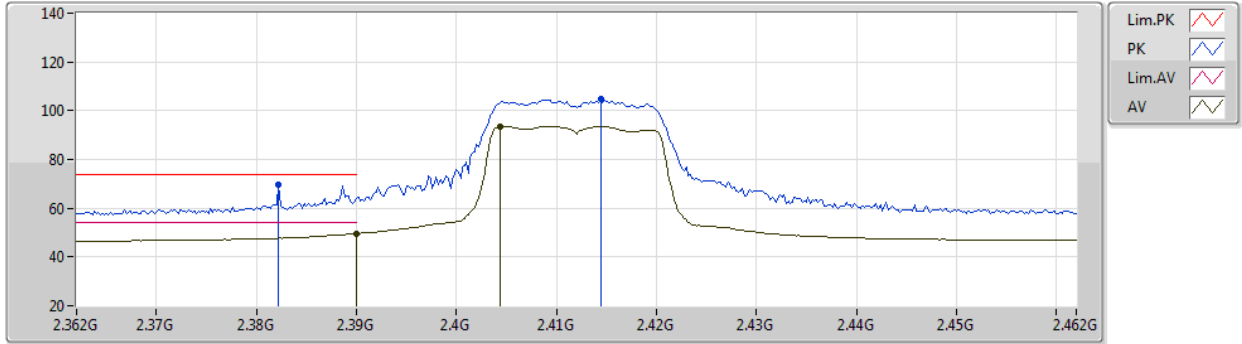
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Setting 17
02-B-K-4

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	4.92376G	51.39	74.00	-22.61	45.30	3	Horizontal	58	1.03	-	33.20	4.70	31.81
AV	4.92396G	46.94	54.00	-7.06	40.85	3	Horizontal	58	1.03	-	33.20	4.70	31.81
PK	7.387G	55.23	74.00	-18.77	45.46	3	Horizontal	183	2.57	-	36.43	5.79	32.45
AV	7.38524G	47.77	54.00	-6.23	38.00	3	Horizontal	183	2.57	-	36.43	5.79	32.45
PK	12.31052G	55.28	74.00	-18.72	41.54	3	Horizontal	179	1.96	-	38.70	7.91	32.87
AV	12.30828G	42.37	54.00	-11.63	28.63	3	Horizontal	179	1.96	-	38.70	7.91	32.87

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2412MHz_TX



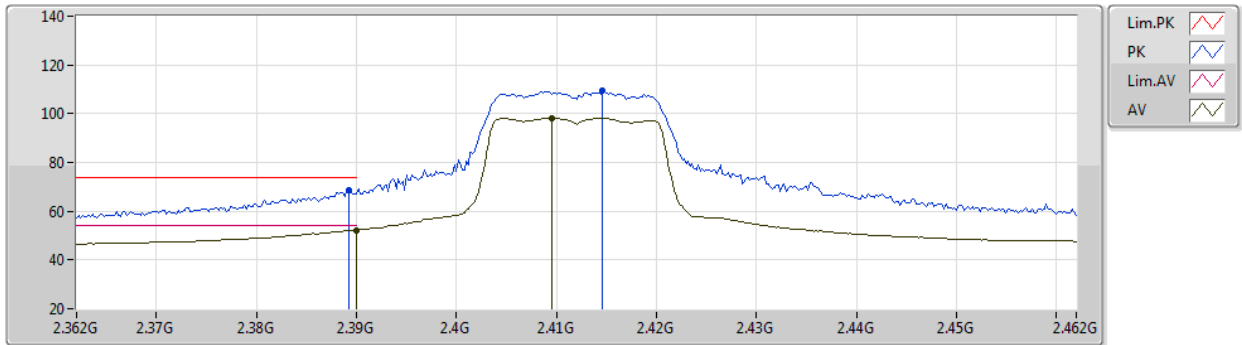
EUT Y_1TX
Setting 16
02-B-K-4

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	2.3822G	69.41	74.00	-4.59	38.70	3	Vertical	70	2.76	-	28.30	2.41	-
AV	2.39G	49.61	54.00	-4.39	18.90	3	Vertical	70	2.76	-	28.30	2.41	-
PK	2.4144G	104.72	Inf	-Inf	73.98	3	Vertical	70	2.76	-	28.33	2.41	-
AV	2.4044G	93.68	Inf	-Inf	62.97	3	Vertical	70	2.76	-	28.31	2.40	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2412MHz_TX



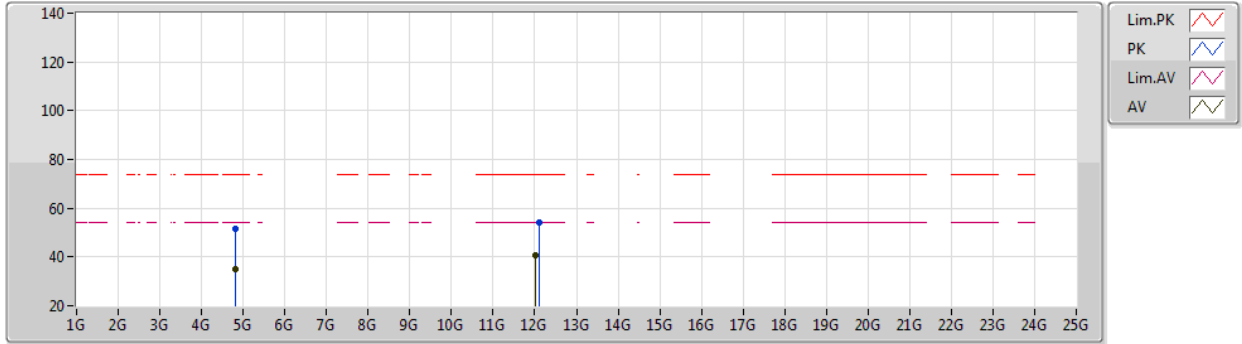
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Setting 16
02-B-K-4

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	68.75	74.00	-5.25	38.04	3	Horizontal	185	2.24	-	28.30	2.41	-
AV	2.39G	52.19	54.00	-1.81	21.48	3	Horizontal	185	2.24	-	28.30	2.41	-
PK	2.4146G	109.32	Inf	-Inf	78.58	3	Horizontal	185	2.24	-	28.33	2.41	-
AV	2.4096G	98.21	Inf	-Inf	67.49	3	Horizontal	185	2.24	-	28.32	2.40	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2412MHz_TX



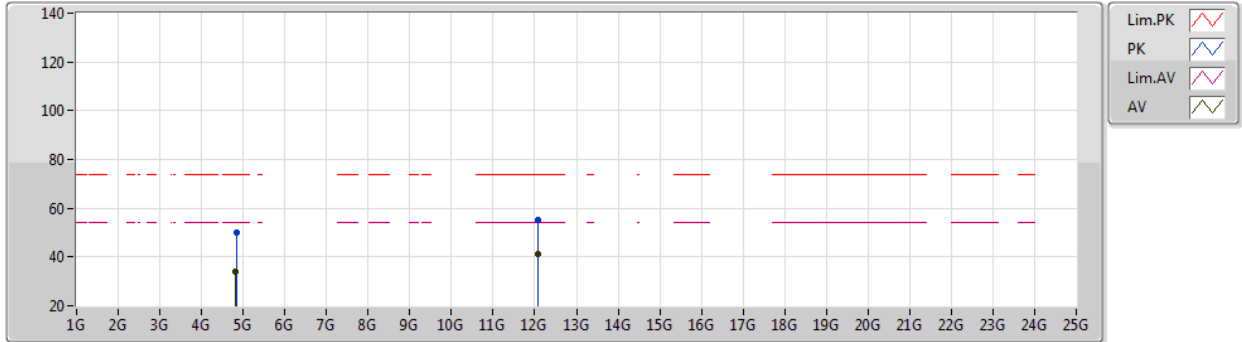
EUT Y_1TX
Setting 16
02-B-K-4

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	4.8232G	51.31	74.00	-22.69	45.50	3	Vertical	208	1.56	-	32.89	4.70	31.78
AV	4.8236G	35.22	54.00	-18.78	29.41	3	Vertical	208	1.56	-	32.89	4.70	31.78
PK	12.0974G	54.13	74.00	-19.87	40.21	3	Vertical	80	1.65	-	39.01	7.83	32.92
AV	12.0242G	40.45	54.00	-13.55	26.34	3	Vertical	80	1.65	-	39.23	7.81	32.93

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2412MHz_TX



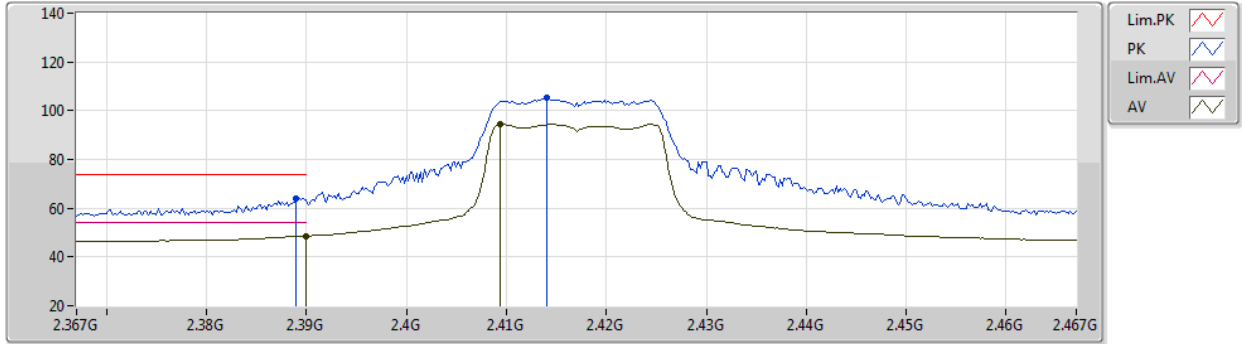
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Setting 16
02-B-K-4

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	4.83224G	50.08	74.00	-23.92	44.23	3	Horizontal	57	1.19	-	32.93	4.70	31.78
AV	4.82404G	33.86	54.00	-20.14	28.04	3	Horizontal	57	1.19	-	32.90	4.70	31.78
PK	12.0648G	55.01	74.00	-18.99	41.00	3	Horizontal	163	1.15	-	39.11	7.82	32.92
AV	12.06348G	40.96	54.00	-13.04	26.95	3	Horizontal	163	1.15	-	39.11	7.82	32.92

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2417MHz_TX



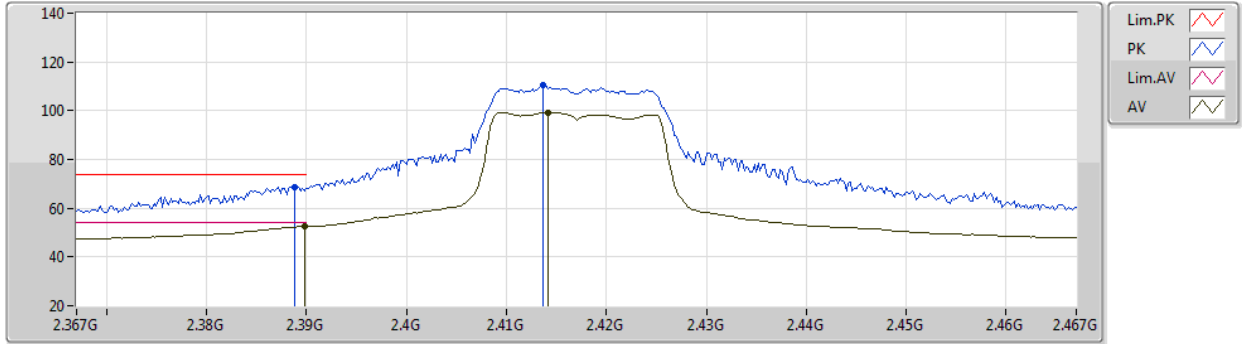
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Setting 18
02-B-K-4

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	63.90	74.00	-10.10	33.19	3	Vertical	83	2.72	-	28.30	2.41	-
AV	2.39G	48.61	54.00	-5.39	17.90	3	Vertical	83	2.72	-	28.30	2.41	-
PK	2.414G	105.21	Inf	-Inf	74.47	3	Vertical	83	2.72	-	28.33	2.41	-
AV	2.4094G	94.41	Inf	-Inf	63.69	3	Vertical	83	2.72	-	28.32	2.40	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2417MHz_TX



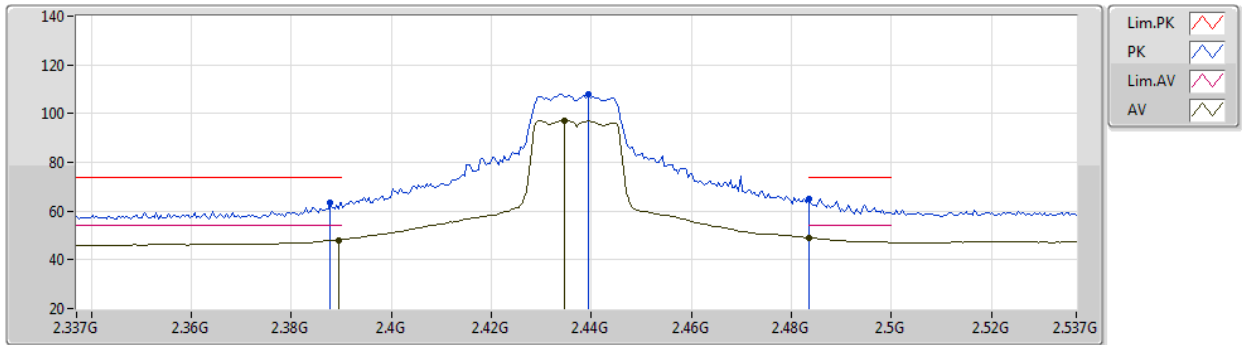
EUT Y_1TX
Setting 18
02-B-K-4

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	2.3888G	68.68	74.00	-5.32	37.97	3	Horizontal	185	2.27	-	28.30	2.41	-
AV	2.3898G	52.54	54.00	-1.46	21.83	3	Horizontal	185	2.27	-	28.30	2.41	-
PK	2.4136G	110.33	Inf	-Inf	79.59	3	Horizontal	185	2.27	-	28.33	2.41	-
AV	2.4142G	99.32	Inf	-Inf	68.58	3	Horizontal	185	2.27	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2437MHz_TX



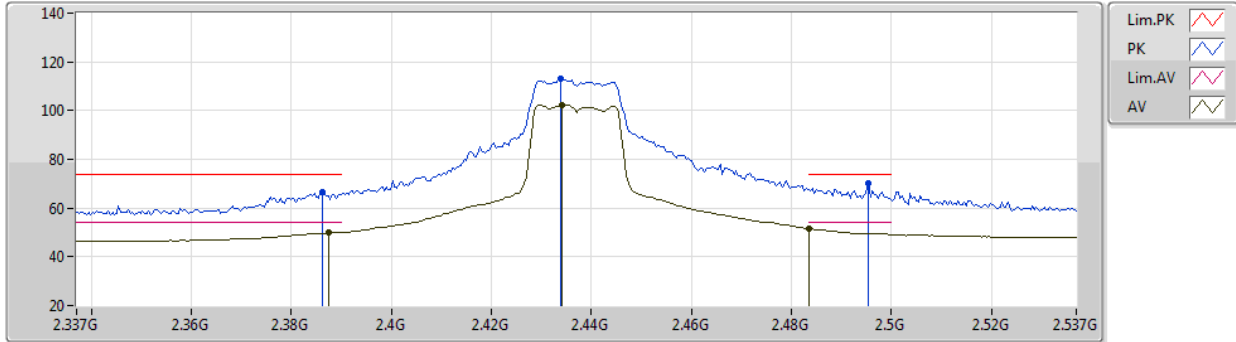
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Setting 20
02-B-K-4

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	63.42	74.00	-10.58	32.71	3	Vertical	70	2.69	-	28.30	2.41	-
AV	2.3894G	48.16	54.00	-5.84	17.45	3	Vertical	70	2.69	-	28.30	2.41	-
PK	2.4394G	108.03	Inf	-Inf	77.23	3	Vertical	70	2.69	-	28.38	2.42	-
AV	2.4346G	97.24	Inf	-Inf	66.45	3	Vertical	70	2.69	-	28.37	2.42	-
PK	2.4835G	64.95	74.00	-9.05	33.98	3	Vertical	70	2.69	-	28.53	2.44	-
AV	2.4835G	49.15	54.00	-4.85	18.18	3	Vertical	70	2.69	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2437MHz_TX



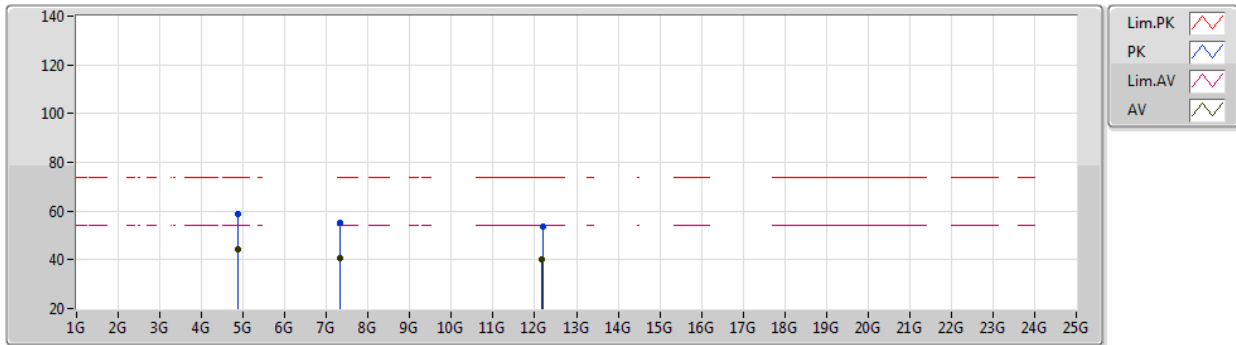
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Setting 20
02-B-K-4

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	66.64	74.00	-7.36	35.93	3	Horizontal	184	1.60	-	28.30	2.41	-
AV	2.3874G	49.98	54.00	-4.02	19.27	3	Horizontal	184	1.60	-	28.30	2.41	-
PK	2.4338G	113.32	Inf	-Inf	82.53	3	Horizontal	184	1.60	-	28.37	2.42	-
AV	2.4342G	102.30	Inf	-Inf	71.51	3	Horizontal	184	1.60	-	28.37	2.42	-
PK	2.4954G	69.97	74.00	-4.03	38.94	3	Horizontal	184	1.60	-	28.58	2.45	-
AV	2.4835G	51.52	54.00	-2.48	20.55	3	Horizontal	184	1.60	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2437MHz_TX



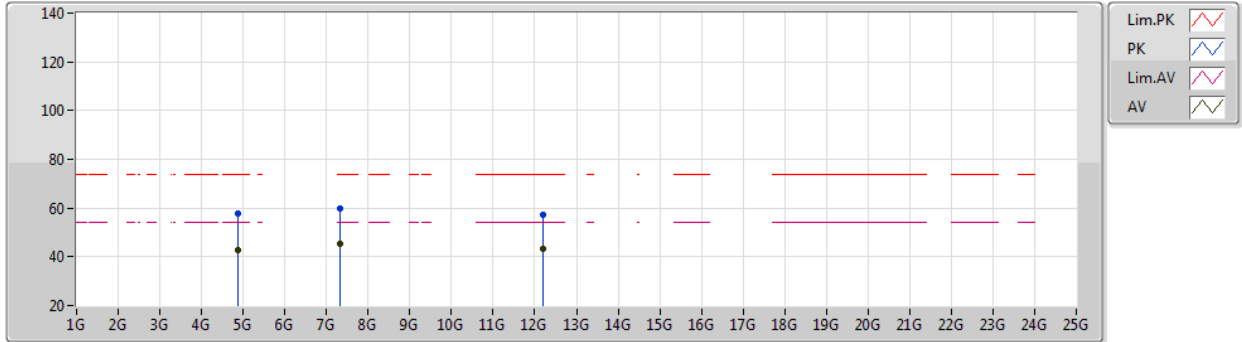
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Setting 20
02-B-K-4

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	4.87364G	58.85	74.00	-15.15	52.85	3	Vertical	208	1.87	-	33.09	4.70	31.79
AV	4.87448G	44.18	54.00	-9.82	38.17	3	Vertical	208	1.87	-	33.10	4.70	31.79
PK	7.3158G	55.19	74.00	-18.81	45.43	3	Vertical	182	2.10	-	36.43	5.76	32.43
AV	7.31436G	40.79	54.00	-13.21	31.03	3	Vertical	182	2.10	-	36.43	5.76	32.43
PK	12.19268G	53.77	74.00	-20.23	39.98	3	Vertical	26	2.30	-	38.81	7.87	32.89
AV	12.17684G	40.17	54.00	-13.83	26.36	3	Vertical	26	2.30	-	38.85	7.86	32.90

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2437MHz_TX



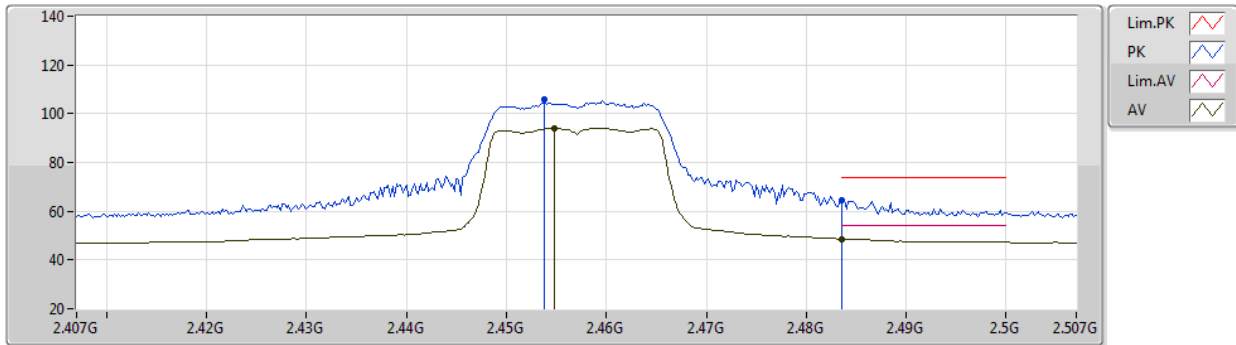
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Setting 20
02-B-K-4

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	4.87448G	57.60	74.00	-16.40	51.59	3	Horizontal	57	1.41	-	33.10	4.70	31.79
AV	4.87448G	42.63	54.00	-11.37	36.62	3	Horizontal	57	1.41	-	33.10	4.70	31.79
PK	7.3158G	59.99	74.00	-14.01	50.23	3	Horizontal	169	2.88	-	36.43	5.76	32.43
AV	7.31412G	45.11	54.00	-8.89	35.35	3	Horizontal	169	2.88	-	36.43	5.76	32.43
PK	12.19016G	57.15	74.00	-16.85	43.35	3	Horizontal	180	1.94	-	38.82	7.87	32.89
AV	12.18836G	43.07	54.00	-10.93	29.27	3	Horizontal	180	1.94	-	38.82	7.87	32.89

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2457MHz_TX



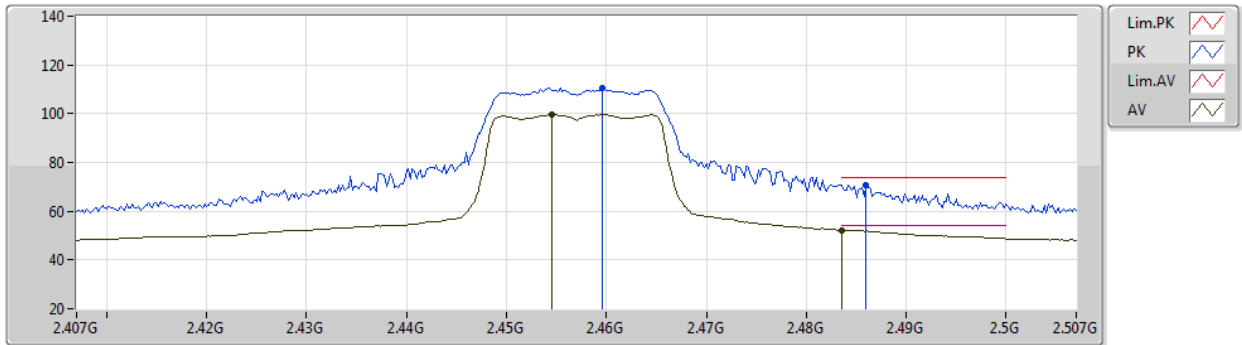
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Setting 17
02-B-K-4

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	105.82	Inf	-Inf	74.97	3	Vertical	82	2.66	-	28.42	2.43	-
AV	2.4548G	94.09	Inf	-Inf	63.24	3	Vertical	82	2.66	-	28.42	2.43	-
PK	2.4835G	64.50	74.00	-9.50	33.53	3	Vertical	82	2.66	-	28.53	2.44	-
AV	2.4835G	48.64	54.00	-5.36	17.67	3	Vertical	82	2.66	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2457MHz_TX



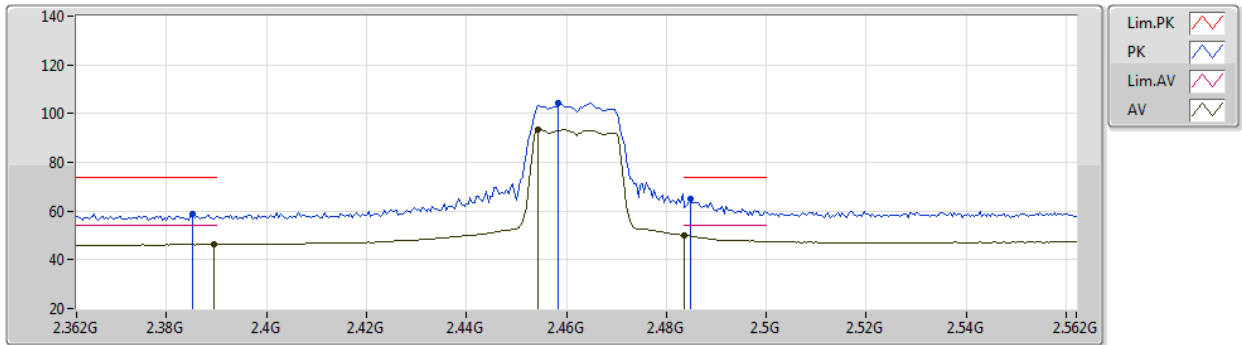
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Setting 17
02-B-K-4

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	110.68	Inf	-Inf	79.81	3	Horizontal	170	2.45	-	28.44	2.43	-
AV	2.4546G	99.59	Inf	-Inf	68.74	3	Horizontal	170	2.45	-	28.42	2.43	-
PK	2.486G	70.73	74.00	-3.27	39.75	3	Horizontal	170	2.45	-	28.54	2.44	-
AV	2.4835G	52.26	54.00	-1.74	21.29	3	Horizontal	170	2.45	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2462MHz_TX



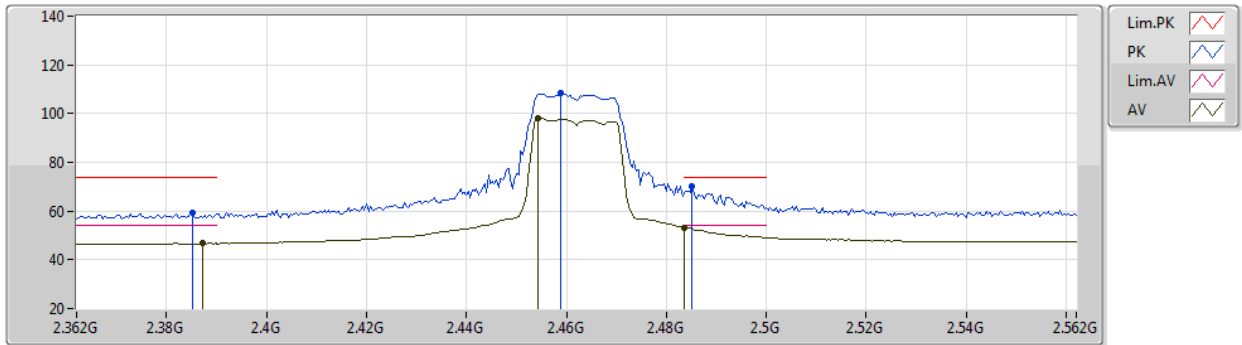
EUT Y_1TX
Setting 16
02-B-K-4

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	2.3852G	58.96	74.00	-15.04	28.25	3	Vertical	70	2.66	-	28.30	2.41	-
AV	2.3896G	46.32	54.00	-7.68	15.61	3	Vertical	70	2.66	-	28.30	2.41	-
PK	2.4584G	104.29	Inf	-Inf	73.43	3	Vertical	70	2.66	-	28.43	2.43	-
AV	2.4544G	93.30	Inf	-Inf	62.45	3	Vertical	70	2.66	-	28.42	2.43	-
PK	2.4848G	64.86	74.00	-9.14	33.88	3	Vertical	70	2.66	-	28.54	2.44	-
AV	2.4835G	49.91	54.00	-4.09	18.94	3	Vertical	70	2.66	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2462MHz_TX



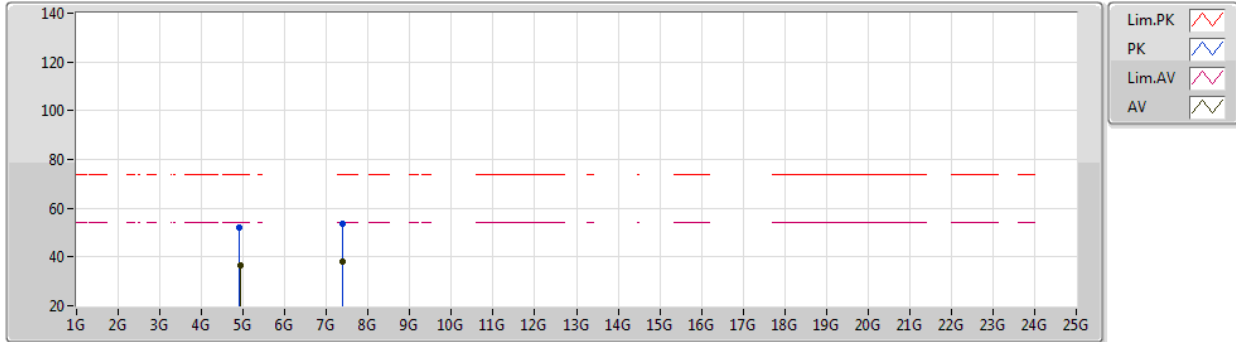
EUT Y_1TX
Setting 16
02-B-K-4

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	2.3852G	59.15	74.00	-14.85	28.44	3	Horizontal	185	1.79	-	28.30	2.41	-
AV	2.3872G	46.70	54.00	-7.30	15.99	3	Horizontal	185	1.79	-	28.30	2.41	-
PK	2.4588G	108.23	Inf	-Inf	77.36	3	Horizontal	185	1.79	-	28.44	2.43	-
AV	2.4544G	98.36	Inf	-Inf	67.51	3	Horizontal	185	1.79	-	28.42	2.43	-
PK	2.4852G	70.15	74.00	-3.85	39.17	3	Horizontal	185	1.79	-	28.54	2.44	-
AV	2.4835G	52.98	54.00	-1.02	22.01	3	Horizontal	185	1.79	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2462MHz_TX



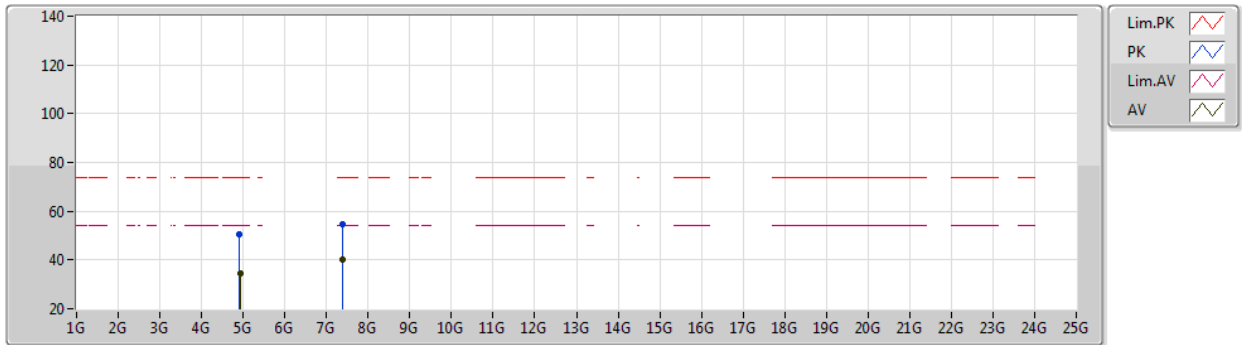
EUT Y_1TX
Setting 16
02-B-K-4

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	4.9192G	52.24	74.00	-21.76	46.15	3	Vertical	209	1.74	-	33.20	4.70	31.81
AV	4.92348G	36.53	54.00	-17.47	30.44	3	Vertical	209	1.74	-	33.20	4.70	31.81
PK	7.38912G	53.67	74.00	-20.33	43.92	3	Vertical	173	2.21	-	36.42	5.79	32.46
AV	7.38876G	38.23	54.00	-15.77	28.48	3	Vertical	173	2.21	-	36.42	5.79	32.46

802.11g_Nss1,(6Mbps)_1TX

26/12/2020

2462MHz_TX



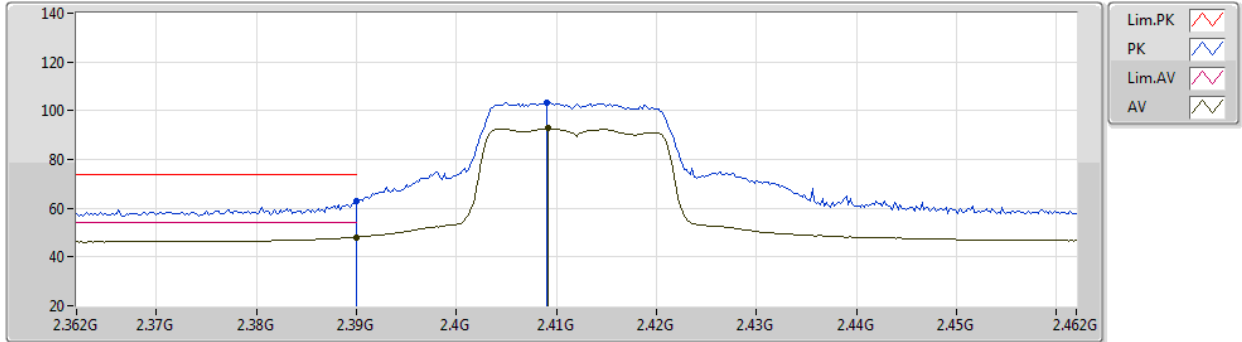
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Setting 16
02-B-K-4

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	4.91924G	50.40	74.00	-23.60	44.31	3	Horizontal	56	1.11	-	33.20	4.70	31.81
AV	4.92348G	34.68	54.00	-19.32	28.59	3	Horizontal	56	1.11	-	33.20	4.70	31.81
PK	7.38504G	54.69	74.00	-19.31	44.92	3	Horizontal	183	2.57	-	36.43	5.79	32.45
AV	7.38588G	40.01	54.00	-13.99	30.24	3	Horizontal	183	2.57	-	36.43	5.79	32.45

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2412MHz_TX



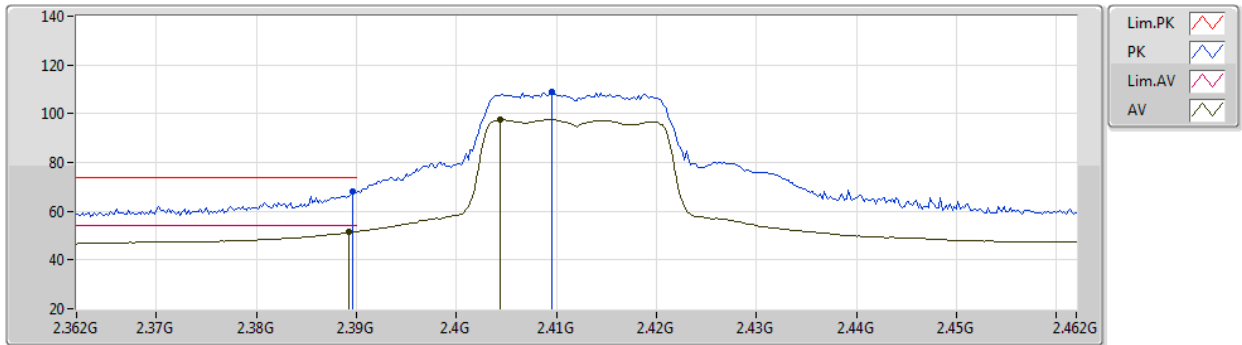
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Setting 16
02-B-K-4

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	62.86	74.00	-11.14	32.15	3	Vertical	70	2.72	-	28.30	2.41	-
AV	2.39G	48.17	54.00	-5.83	17.46	3	Vertical	70	2.72	-	28.30	2.41	-
PK	2.409G	103.47	Inf	-Inf	72.75	3	Vertical	70	2.72	-	28.32	2.40	-
AV	2.4092G	92.71	Inf	-Inf	61.99	3	Vertical	70	2.72	-	28.32	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2412MHz_TX



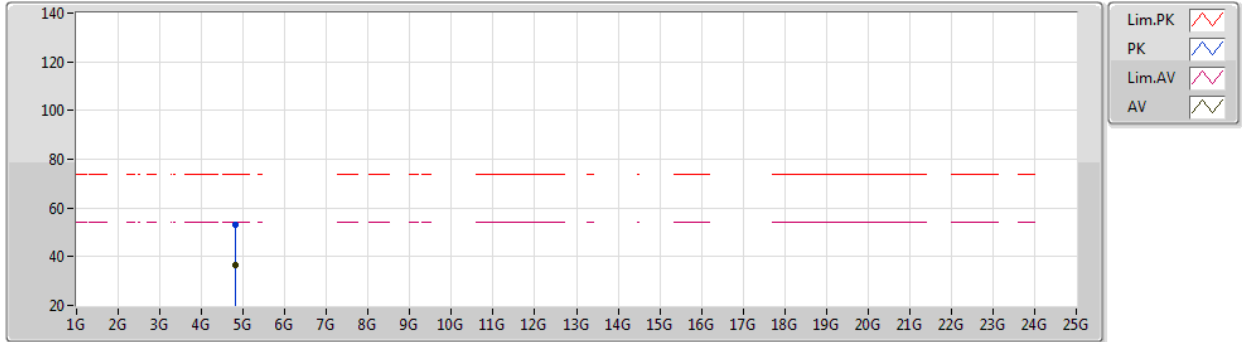
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Setting 16
02-B-K-4

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	68.11	74.00	-5.89	37.40	3	Horizontal	360	2.77	-	28.30	2.41	-
AV	2.3892G	51.70	54.00	-2.30	20.99	3	Horizontal	360	2.77	-	28.30	2.41	-
PK	2.4096G	108.71	Inf	-Inf	77.99	3	Horizontal	360	2.77	-	28.32	2.40	-
AV	2.4044G	97.54	Inf	-Inf	66.83	3	Horizontal	360	2.77	-	28.31	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2412MHz_TX



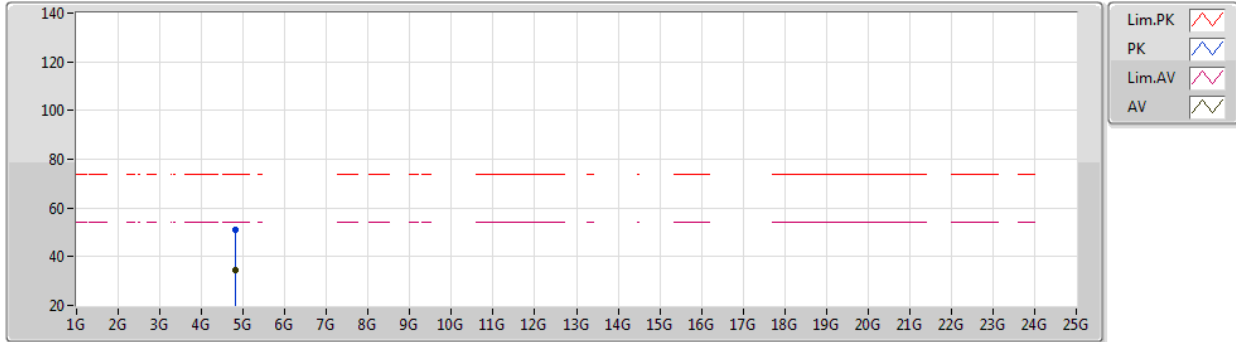
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Setting 16
02-B-K-4

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	4.82688G	53.08	74.00	-20.92	47.25	3	Vertical	207	1.90	-	32.91	4.70	31.78
AV	4.8246G	36.74	54.00	-17.26	30.92	3	Vertical	207	1.90	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2412MHz_TX



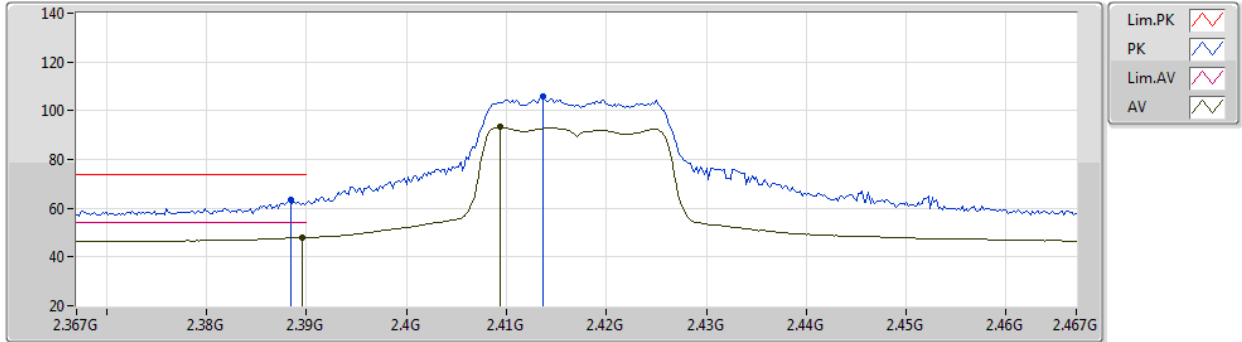
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Setting 16
02-B-K-4

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	4.82304G	51.16	74.00	-22.84	45.35	3	Horizontal	144	2.22	-	32.89	4.70	31.78
AV	4.82424G	34.67	54.00	-19.33	28.85	3	Horizontal	144	2.22	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2417MHz_TX



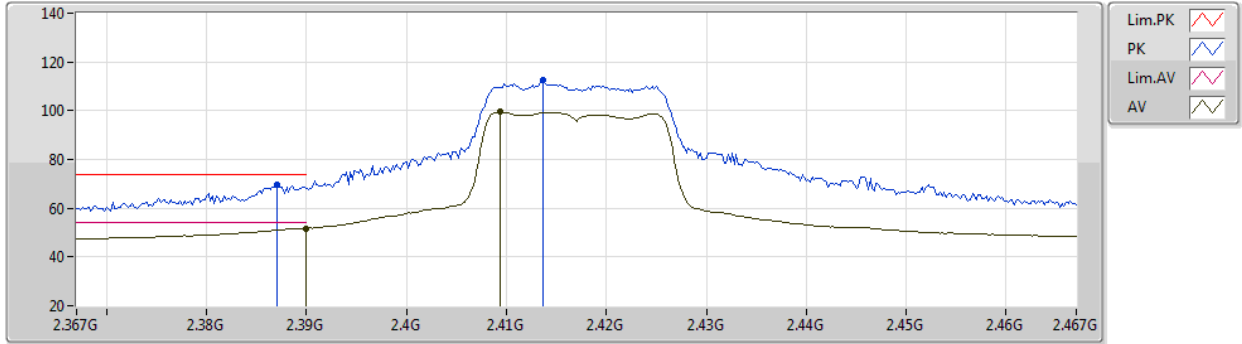
EUT Y_1TX
Setting 17
02-B-K-4

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	63.28	74.00	-10.72	32.57	3	Vertical	69	2.73	-	28.30	2.41	-
AV	2.3896G	47.91	54.00	-6.09	17.20	3	Vertical	69	2.73	-	28.30	2.41	-
PK	2.4136G	105.72	Inf	-Inf	74.98	3	Vertical	69	2.73	-	28.33	2.41	-
AV	2.4094G	93.26	Inf	-Inf	62.54	3	Vertical	69	2.73	-	28.32	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2417MHz_TX



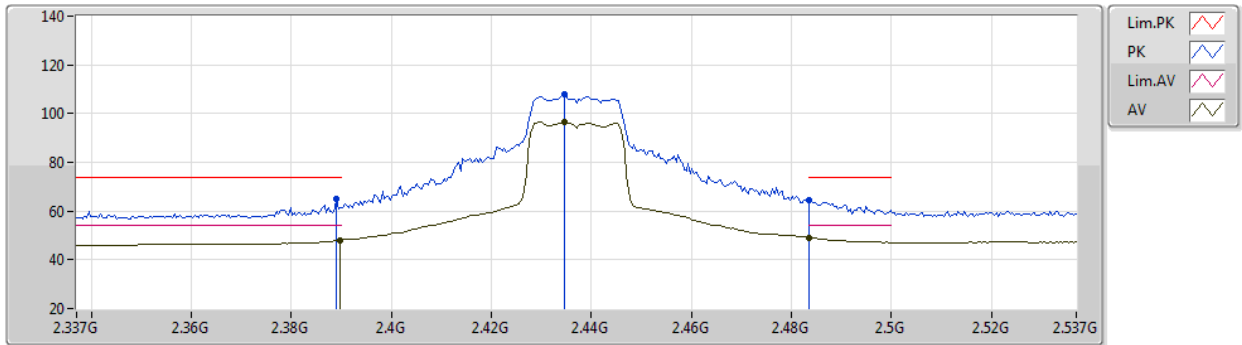
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Setting 17
02-B-K-4

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	69.61	74.00	-4.39	38.90	3	Horizontal	166	2.25	-	28.30	2.41	-
AV	2.39G	51.71	54.00	-2.29	21.00	3	Horizontal	166	2.25	-	28.30	2.41	-
PK	2.4136G	112.40	Inf	-Inf	81.66	3	Horizontal	166	2.25	-	28.33	2.41	-
AV	2.4094G	99.41	Inf	-Inf	68.69	3	Horizontal	166	2.25	-	28.32	2.40	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



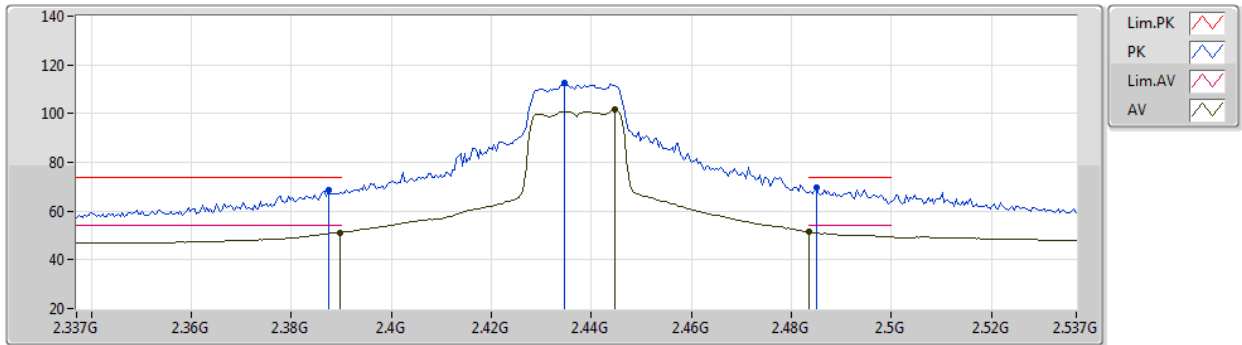
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Setting 20
02-B-K-4

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	64.96	74.00	-9.04	34.25	3	Vertical	81	2.70	-	28.30	2.41	-
AV	2.3898G	47.96	54.00	-6.04	17.25	3	Vertical	81	2.70	-	28.30	2.41	-
PK	2.4346G	107.82	Inf	-Inf	77.03	3	Vertical	81	2.70	-	28.37	2.42	-
AV	2.4346G	96.55	Inf	-Inf	65.76	3	Vertical	81	2.70	-	28.37	2.42	-
PK	2.4835G	64.52	74.00	-9.48	33.55	3	Vertical	81	2.70	-	28.53	2.44	-
AV	2.4835G	49.16	54.00	-4.84	18.19	3	Vertical	81	2.70	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



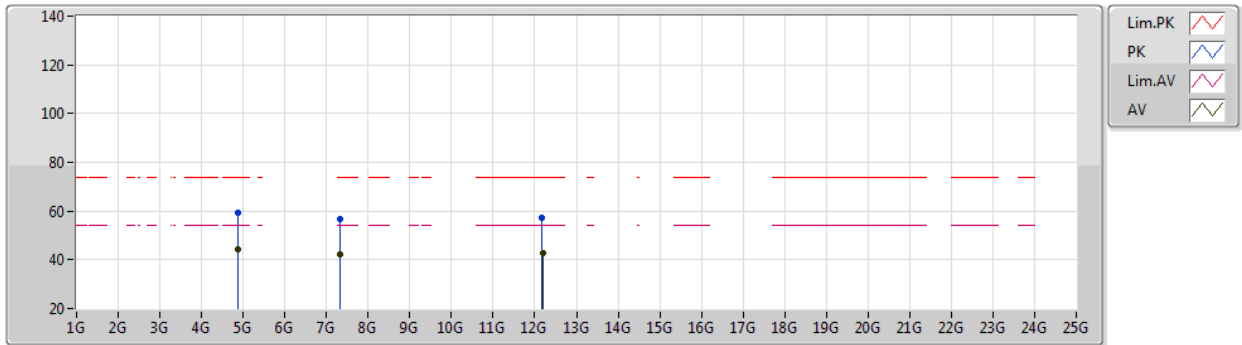
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Setting 20
02-B-K-4

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	68.63	74.00	-5.37	37.92	3	Horizontal	179	2.10	-	28.30	2.41	-
AV	2.3898G	51.23	54.00	-2.77	20.52	3	Horizontal	179	2.10	-	28.30	2.41	-
PK	2.4346G	112.34	Inf	-Inf	81.55	3	Horizontal	179	2.10	-	28.37	2.42	-
AV	2.4446G	101.49	Inf	-Inf	70.68	3	Horizontal	179	2.10	-	28.39	2.42	-
PK	2.485G	69.73	74.00	-4.27	38.75	3	Horizontal	179	2.10	-	28.54	2.44	-
AV	2.4835G	51.37	54.00	-2.63	20.40	3	Horizontal	179	2.10	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



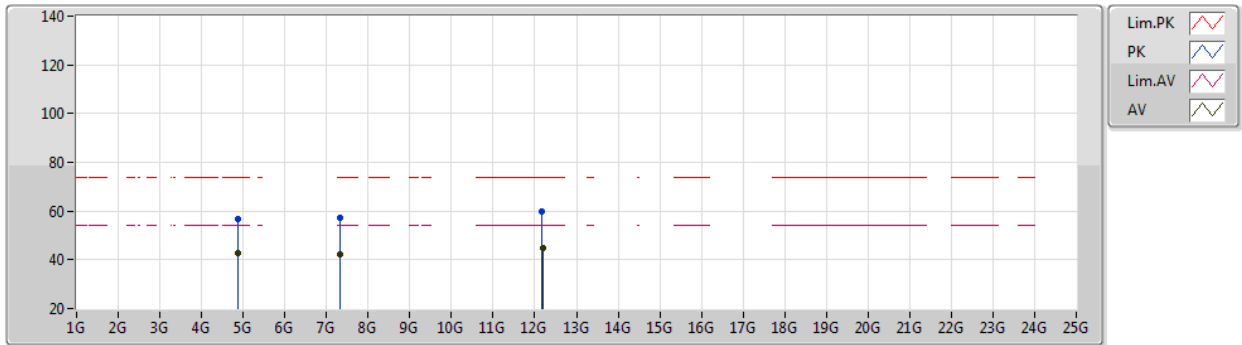
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Setting 20
02-B-K-4

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	4.87064G	59.06	74.00	-14.94	53.07	3	Vertical	205	1.75	-	33.08	4.70	31.79
AV	4.87484G	44.33	54.00	-9.67	38.32	3	Vertical	205	1.75	-	33.10	4.70	31.79
PK	7.3158G	56.79	74.00	-17.21	47.03	3	Vertical	179	2.02	-	36.43	5.76	32.43
AV	7.313G	42.22	54.00	-11.78	32.46	3	Vertical	179	2.02	-	36.43	5.76	32.43
PK	12.18056G	56.99	74.00	-17.01	43.19	3	Vertical	150	2.28	-	38.84	7.86	32.90
AV	12.1862G	42.96	54.00	-11.04	29.16	3	Vertical	150	2.28	-	38.83	7.87	32.90

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



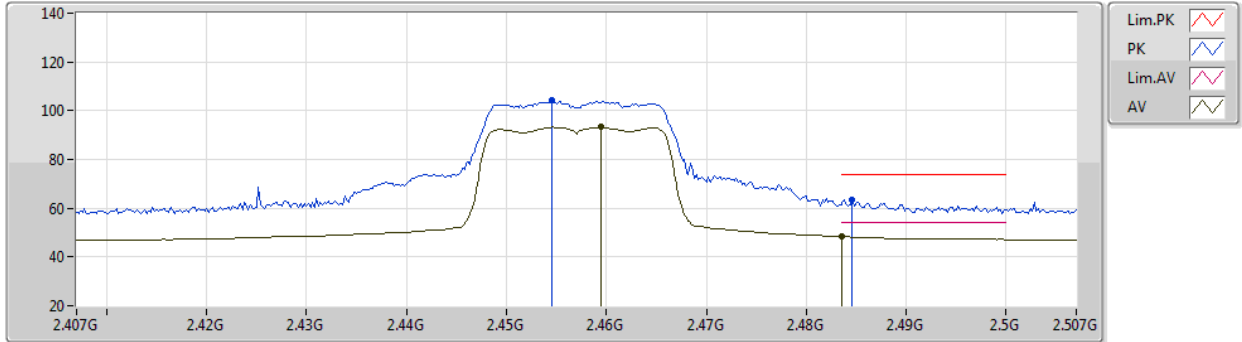
EUT Y_1TX
Setting 20
02-B-K-4

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	4.87364G	56.65	74.00	-17.35	50.65	3	Horizontal	144	2.15	-	33.09	4.70	31.79
AV	4.87412G	42.52	54.00	-11.48	36.51	3	Horizontal	144	2.15	-	33.10	4.70	31.79
PK	7.31364G	57.43	74.00	-16.57	47.67	3	Horizontal	186	1.76	-	36.43	5.76	32.43
AV	7.31436G	42.49	54.00	-11.51	32.73	3	Horizontal	186	1.76	-	36.43	5.76	32.43
PK	12.1784G	59.58	74.00	-14.42	45.78	3	Horizontal	313	3.00	-	38.84	7.86	32.90
AV	12.18452G	44.80	54.00	-9.20	31.01	3	Horizontal	313	3.00	-	38.83	7.86	32.90

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2457MHz_TX



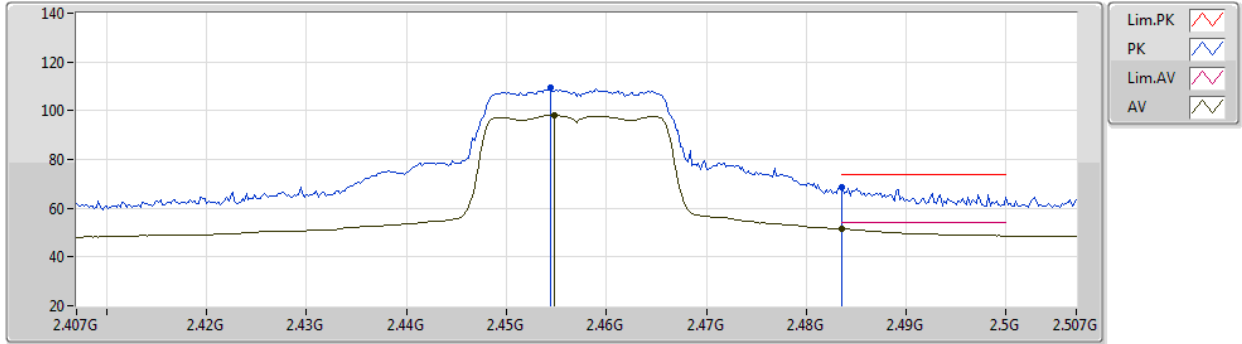
EUT Y_1TX
Setting 16
02-B-K-4

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	104.43	Inf	-Inf	73.58	3	Vertical	82	2.66	-	28.42	2.43	-
AV	2.4594G	93.29	Inf	-Inf	62.42	3	Vertical	82	2.66	-	28.44	2.43	-
PK	2.4846G	63.55	74.00	-10.45	32.57	3	Vertical	82	2.66	-	28.54	2.44	-
AV	2.4835G	48.44	54.00	-5.56	17.47	3	Vertical	82	2.66	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2457MHz_TX



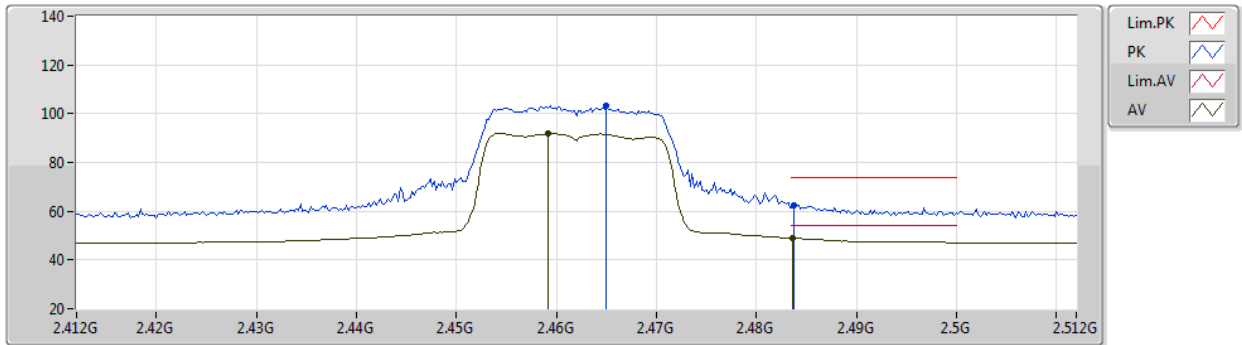
EUT Y_1TX
Setting 16
02-B-K-4

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	2.4544G	109.45	Inf	-Inf	78.60	3	Horizontal	171	2.03	-	28.42	2.43	-
AV	2.4548G	98.14	Inf	-Inf	67.29	3	Horizontal	171	2.03	-	28.42	2.43	-
PK	2.4835G	68.86	74.00	-5.14	37.89	3	Horizontal	171	2.03	-	28.53	2.44	-
AV	2.4835G	51.39	54.00	-2.61	20.42	3	Horizontal	171	2.03	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2462MHz_TX



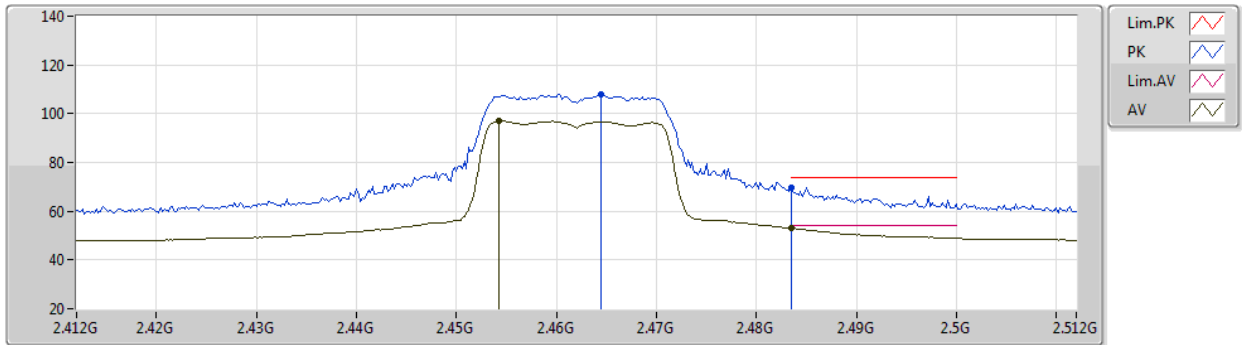
EUT Y_1TX
Setting 15
02-B-K-4

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	2.465G	103.19	Inf	-Inf	72.30	3	Vertical	85	2.66	-	28.46	2.43	-
AV	2.4592G	91.90	Inf	-Inf	61.03	3	Vertical	85	2.66	-	28.44	2.43	-
PK	2.4838G	62.45	74.00	-11.55	31.47	3	Vertical	85	2.66	-	28.54	2.44	-
AV	2.4836G	49.04	54.00	-4.96	18.07	3	Vertical	85	2.66	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2462MHz_TX



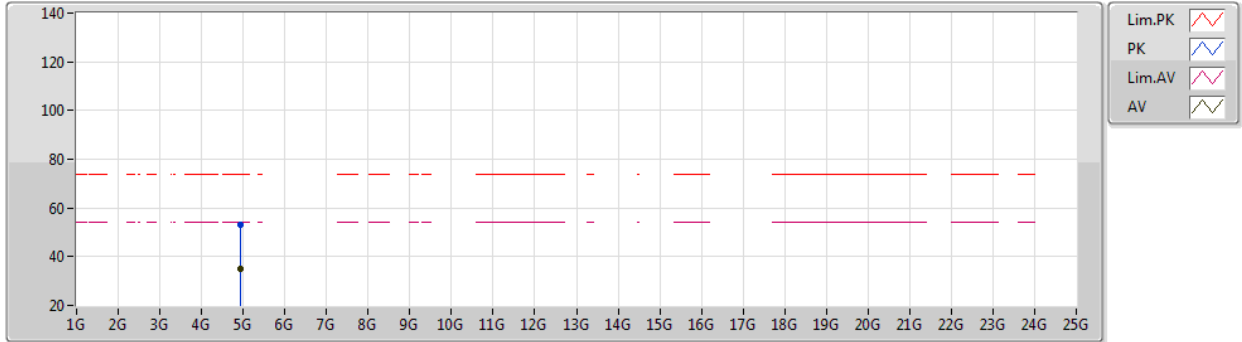
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Setting 15
02-B-K-4

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	108.00	Inf	-Inf	77.11	3	Horizontal	169	2.02	-	28.46	2.43	-
AV	2.4542G	97.00	Inf	-Inf	66.15	3	Horizontal	169	2.02	-	28.42	2.43	-
PK	2.4835G	69.79	74.00	-4.21	38.82	3	Horizontal	169	2.02	-	28.53	2.44	-
AV	2.4835G	52.99	54.00	-1.01	22.02	3	Horizontal	169	2.02	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2462MHz_TX



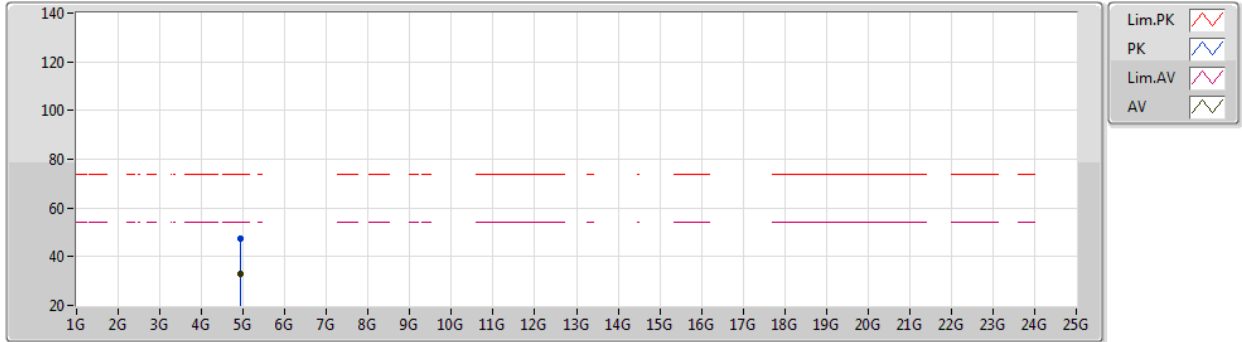
EUT V_1TX
Setting 15
02-B-K-4

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	4.92064G	52.89	74.00	-21.11	46.80	3	Vertical	206	1.27	-	33.20	4.70	31.81
AV	4.9234G	34.94	54.00	-19.06	28.85	3	Vertical	206	1.27	-	33.20	4.70	31.81

802.11n HT20_Nss1,(MCS0)_1TX

26/12/2020

2462MHz_TX



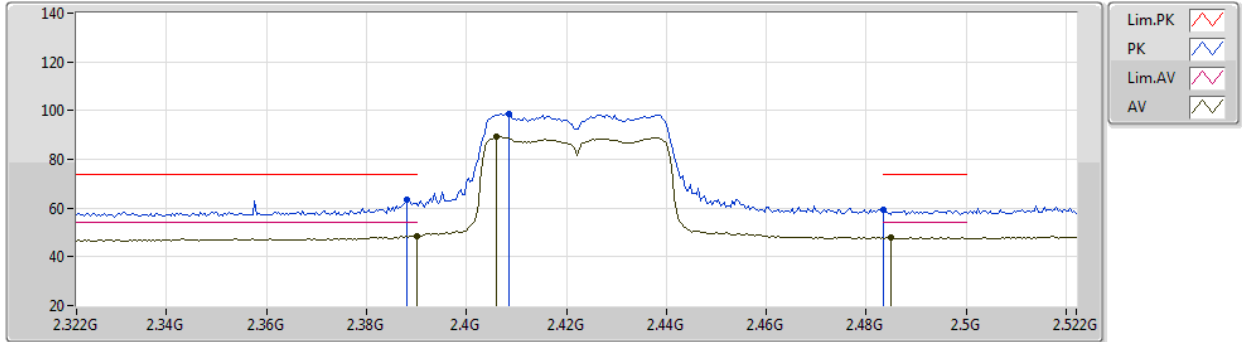
EUT V_1TX
Setting 15
02-B-K-4

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	4.91944G	47.38	74.00	-26.62	41.29	3	Horizontal	357	1.80	-	33.20	4.70	31.81
AV	4.92328G	33.05	54.00	-20.95	26.96	3	Horizontal	357	1.80	-	33.20	4.70	31.81

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2422MHz_TX



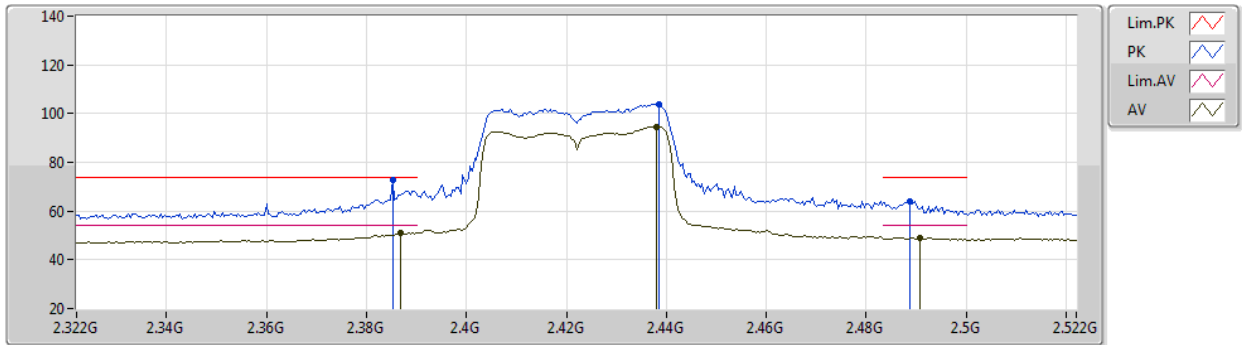
EUT Y_1TX
Setting 14
02-B-G-2

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	2.388G	63.25	74.00	-10.75	32.54	3	Vertical	72	2.71	-	28.30	2.41	-
AV	2.39G	48.59	54.00	-5.41	17.88	3	Vertical	72	2.71	-	28.30	2.41	-
PK	2.4084G	98.52	Inf	-Inf	67.80	3	Vertical	72	2.71	-	28.32	2.40	-
AV	2.406G	89.21	Inf	-Inf	58.50	3	Vertical	72	2.71	-	28.31	2.40	-
PK	2.4835G	59.11	74.00	-14.89	28.14	3	Vertical	72	2.71	-	28.53	2.44	-
AV	2.4848G	47.86	54.00	-6.14	16.88	3	Vertical	72	2.71	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2422MHz_TX



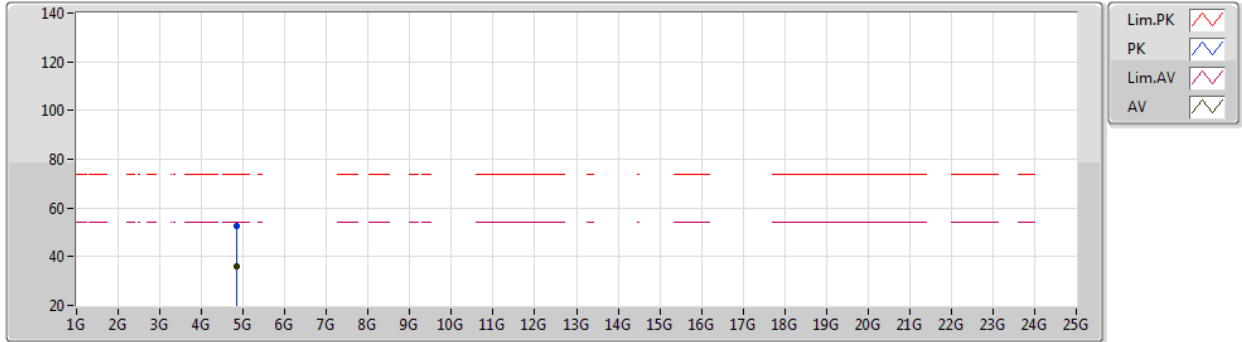
EUT Y_1TX
Setting 14
02-B-G-2

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)
AV	2.3868G	51.09	54.00	-2.91	20.38	3	Horizontal	180	2.67	-	28.30	2.41	-
PK	2.4384G	103.88	Inf	-Inf	73.08	3	Horizontal	180	2.67	-	28.38	2.42	-
AV	2.438G	94.55	Inf	-Inf	63.75	3	Horizontal	180	2.67	-	28.38	2.42	-
PK	2.4888G	64.13	74.00	-9.87	33.13	3	Horizontal	180	2.67	-	28.56	2.44	-
AV	2.4908G	49.13	54.00	-4.87	18.12	3	Horizontal	180	2.67	-	28.56	2.45	-
PK	2.3852G	72.71	74.00	-1.29	42.00	3	Horizontal	180	2.67	-	28.30	2.41	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2422MHz_TX



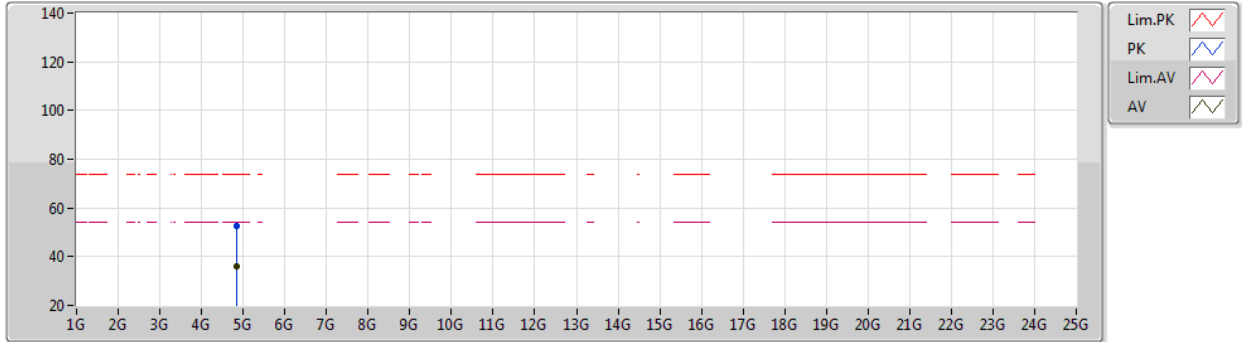
EUT V_1TX
Setting 14
02-B-G-2

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	4.84195G	52.59	74.00	-21.41	46.70	3	Vertical	24	2.09	-	32.97	4.70	31.78
AV	4.84599G	35.96	54.00	-19.04	29.06	3	Vertical	24	2.09	-	32.98	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2422MHz_TX



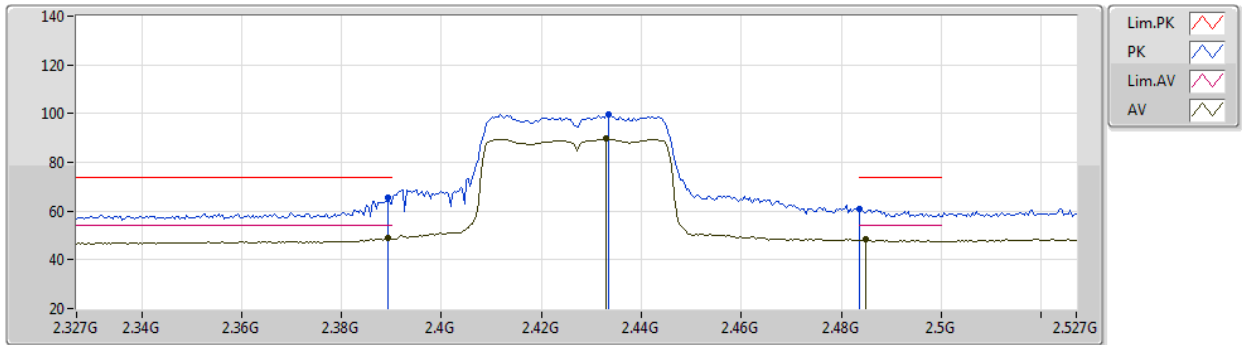
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Setting 14
02-B-G-2

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	4.8441G	52.71	74.00	-21.29	46.81	3	Horizontal	142	1.46	-	32.98	4.70	31.78
AV	4.84489G	35.91	54.00	-18.09	30.01	3	Horizontal	142	1.46	-	32.98	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2427MHz_TX



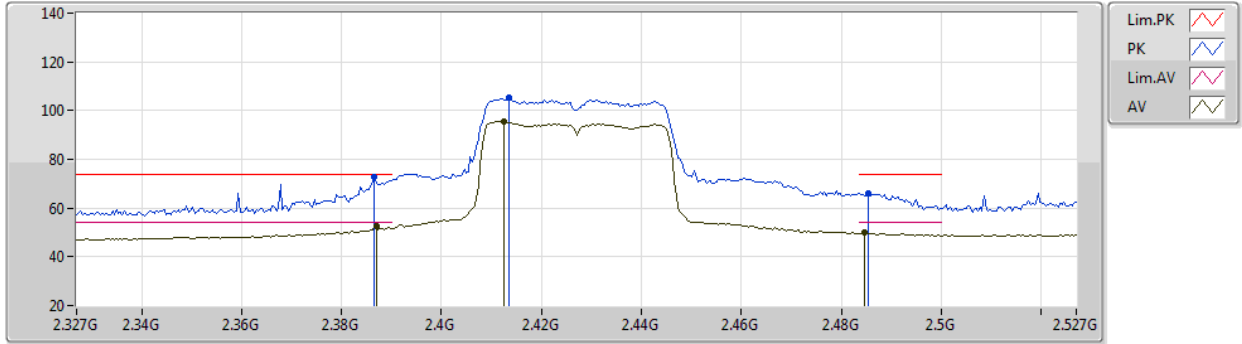
EUT Y_1TX
Setting 15
02-B-G-2

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	65.56	74.00	-8.44	34.85	3	Vertical	73	2.71	-	28.30	2.41	-
AV	2.3894G	48.74	54.00	-5.26	18.03	3	Vertical	73	2.71	-	28.30	2.41	-
PK	2.4334G	99.59	Inf	-Inf	68.80	3	Vertical	73	2.71	-	28.37	2.42	-
AV	2.433G	89.60	Inf	-Inf	58.81	3	Vertical	73	2.71	-	28.37	2.42	-
PK	2.4835G	60.82	74.00	-13.18	29.85	3	Vertical	73	2.71	-	28.53	2.44	-
AV	2.485G	48.24	54.00	-5.76	17.26	3	Vertical	73	2.71	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2427MHz_TX



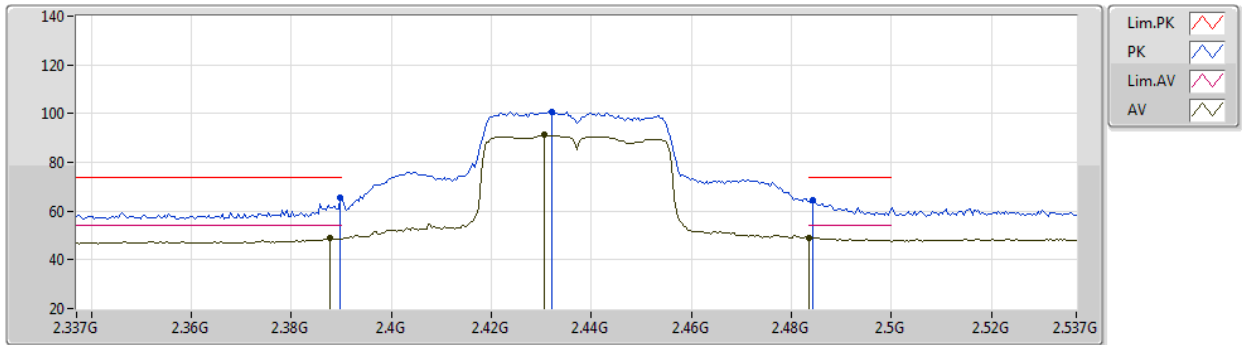
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Setting 15
02-B-G-2

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	2.3866G	72.67	74.00	-1.33	41.96	3	Horizontal	171	2.26	-	28.30	2.41	-
AV	2.387G	52.36	54.00	-1.64	21.65	3	Horizontal	171	2.26	-	28.30	2.41	-
PK	2.4134G	105.27	Inf	-Inf	74.53	3	Horizontal	171	2.26	-	28.33	2.41	-
AV	2.4126G	95.64	Inf	-Inf	64.90	3	Horizontal	171	2.26	-	28.33	2.41	-
PK	2.4854G	65.93	74.00	-8.07	34.95	3	Horizontal	171	2.26	-	28.54	2.44	-
AV	2.4846G	49.81	54.00	-4.19	18.83	3	Horizontal	171	2.26	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



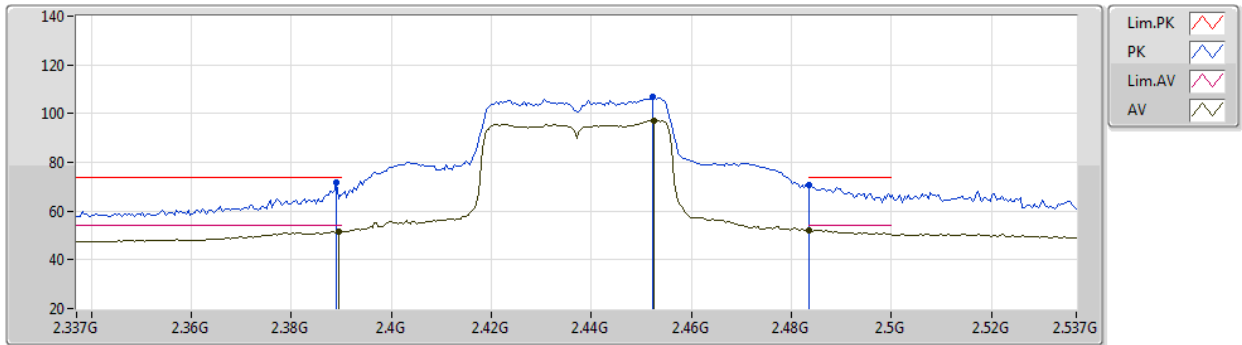
EUT Y_1TX
Setting 17
02-B-G-2

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	65.33	74.00	-8.67	34.62	3	Vertical	71	2.69	-	28.30	2.41	-
AV	2.3878G	48.73	54.00	-5.27	18.02	3	Vertical	71	2.69	-	28.30	2.41	-
PK	2.4322G	100.56	Inf	-Inf	69.78	3	Vertical	71	2.69	-	28.36	2.42	-
AV	2.4306G	91.22	Inf	-Inf	60.44	3	Vertical	71	2.69	-	28.36	2.42	-
PK	2.4842G	64.25	74.00	-9.75	33.27	3	Vertical	71	2.69	-	28.54	2.44	-
AV	2.4835G	49.11	54.00	-4.89	18.14	3	Vertical	71	2.69	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



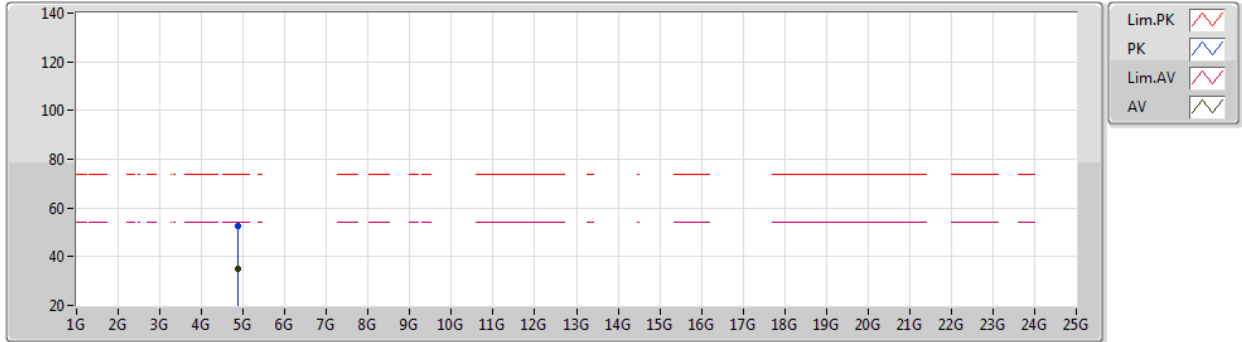
EUT Y_1TX
Setting 17
02-B-G-2

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	71.47	74.00	-2.53	40.76	3	Horizontal	180	1.80	-	28.30	2.41	-
AV	2.3894G	51.44	54.00	-2.56	20.73	3	Horizontal	180	1.80	-	28.30	2.41	-
PK	2.4522G	106.67	Inf	-Inf	75.83	3	Horizontal	180	1.80	-	28.41	2.43	-
AV	2.4526G	97.30	Inf	-Inf	66.46	3	Horizontal	180	1.80	-	28.41	2.43	-
PK	2.4835G	70.72	74.00	-3.28	39.75	3	Horizontal	180	1.80	-	28.53	2.44	-
AV	2.4835G	52.31	54.00	-1.69	21.34	3	Horizontal	180	1.80	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



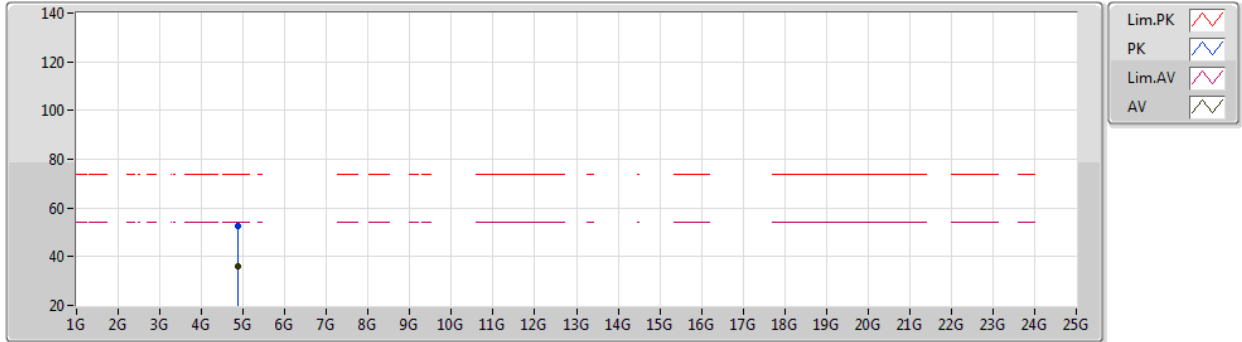
EUT Y_1TX
Setting 17
02-B-G-2

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	4.87496G	52.58	74.00	-21.42	46.57	3	Vertical	150	2.95	-	33.10	4.70	31.79
AV	4.87243G	35.11	54.00	-18.89	29.11	3	Vertical	150	2.95	-	33.09	4.70	31.79

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2437MHz_TX



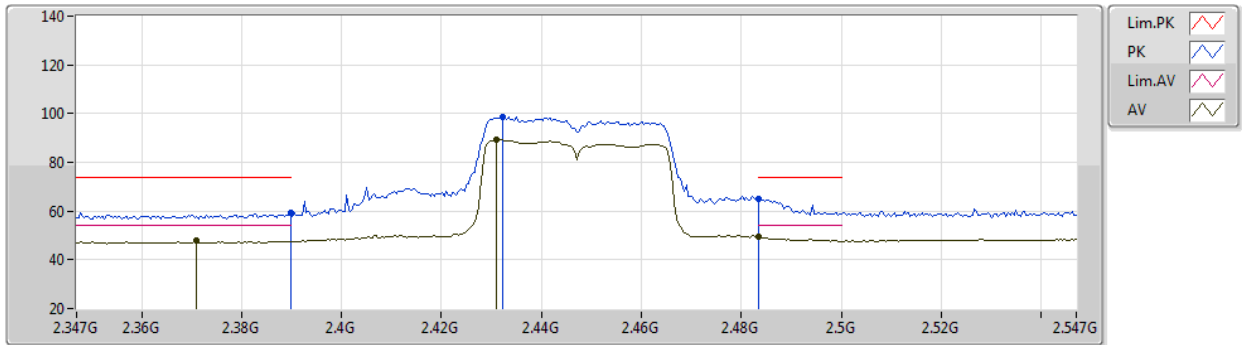
EUT Y_1TX
Setting 17
02-B-G-2

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	4.87272G	52.64	74.00	-21.36	46.64	3	Horizontal	69	2.88	-	33.09	4.70	31.79
AV	4.87201G	35.88	54.00	-18.12	29.88	3	Horizontal	69	2.88	-	33.09	4.70	31.79

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2447MHz_TX



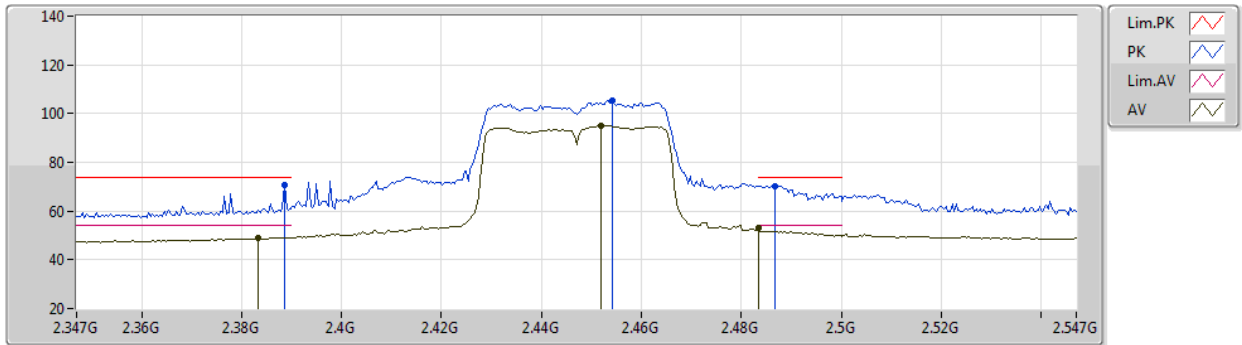
EUT Y_1TX
Setting 15
02-B-G-2

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	59.27	74.00	-14.73	28.56	3	Vertical	71	2.69	-	28.30	2.41	-
AV	2.371G	47.71	54.00	-6.29	17.00	3	Vertical	71	2.69	-	28.30	2.41	-
PK	2.4322G	98.84	Inf	-Inf	68.06	3	Vertical	71	2.69	-	28.36	2.42	-
AV	2.431G	89.46	Inf	-Inf	58.68	3	Vertical	71	2.69	-	28.36	2.42	-
PK	2.4835G	65.21	74.00	-8.79	34.24	3	Vertical	71	2.69	-	28.53	2.44	-
AV	2.4835G	49.56	54.00	-4.44	18.59	3	Vertical	71	2.69	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2447MHz_TX



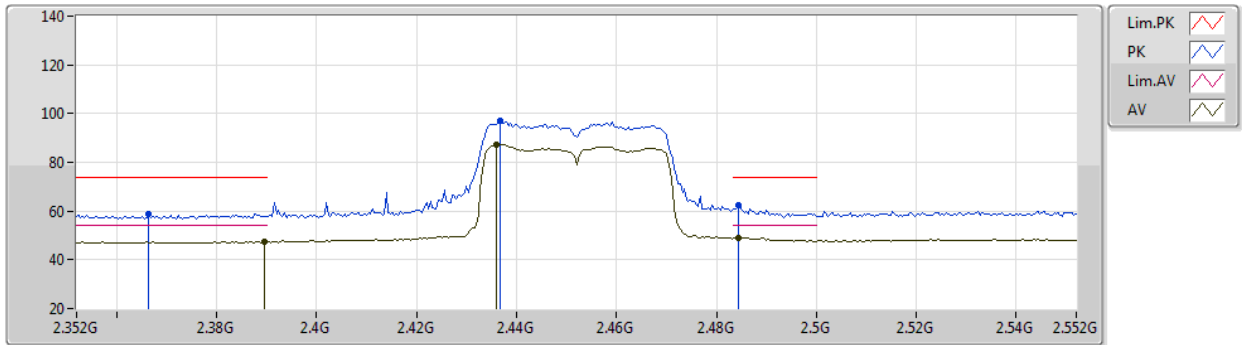
EUT Y_1TX
Setting 15
02-B-G-2

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	70.52	74.00	-3.48	39.81	3	Horizontal	184	1.82	-	28.30	2.41	-
AV	2.3834G	49.19	54.00	-4.81	18.48	3	Horizontal	184	1.82	-	28.30	2.41	-
PK	2.4542G	105.36	Inf	-Inf	74.51	3	Horizontal	184	1.82	-	28.42	2.43	-
AV	2.4518G	95.07	Inf	-Inf	64.23	3	Horizontal	184	1.82	-	28.41	2.43	-
PK	2.4866G	70.22	74.00	-3.78	39.23	3	Horizontal	184	1.82	-	28.55	2.44	-
AV	2.4835G	52.92	54.00	-1.08	21.95	3	Horizontal	184	1.82	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2452MHz_TX



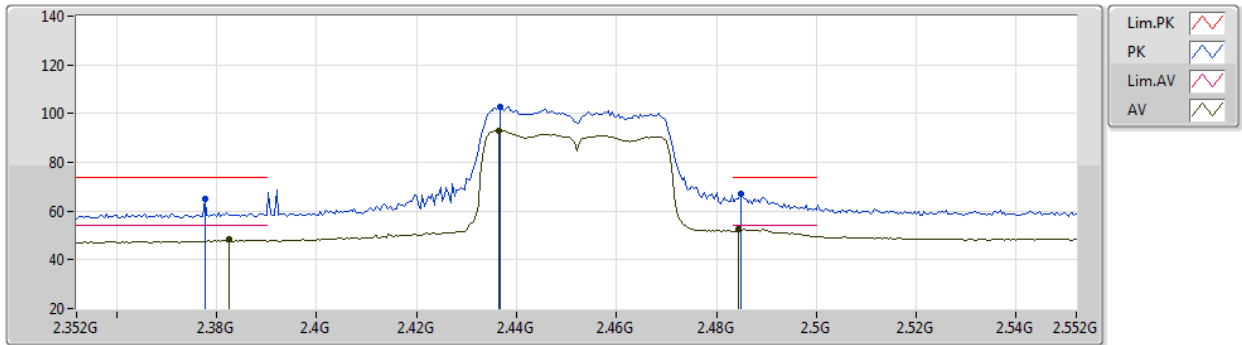
EUT Y_1TX
Setting 13
02-B-G-2

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	2.3664G	58.79	74.00	-15.21	28.07	3	Vertical	71	2.68	-	28.30	2.42	-
AV	2.3896G	47.55	54.00	-6.45	16.84	3	Vertical	71	2.68	-	28.30	2.41	-
PK	2.4368G	96.89	Inf	-Inf	66.10	3	Vertical	71	2.68	-	28.37	2.42	-
AV	2.436G	87.29	Inf	-Inf	56.50	3	Vertical	71	2.68	-	28.37	2.42	-
PK	2.4844G	62.37	74.00	-11.63	31.39	3	Vertical	71	2.68	-	28.54	2.44	-
AV	2.4844G	49.03	54.00	-4.97	18.05	3	Vertical	71	2.68	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2452MHz_TX



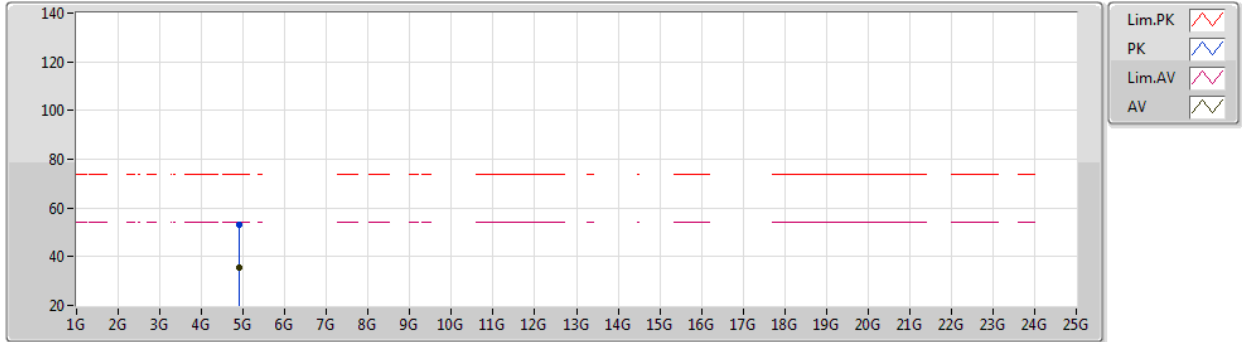
EUT Y_1TX
Setting 13
02-B-G-2

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	2.3776G	64.91	74.00	-9.09	34.20	3	Horizontal	184	2.63	-	28.30	2.41	-
AV	2.3824G	48.29	54.00	-5.71	17.58	3	Horizontal	184	2.63	-	28.30	2.41	-
PK	2.4368G	102.62	Inf	-Inf	71.83	3	Horizontal	184	2.63	-	28.37	2.42	-
AV	2.4364G	92.96	Inf	-Inf	62.17	3	Horizontal	184	2.63	-	28.37	2.42	-
PK	2.4848G	66.95	74.00	-7.05	35.97	3	Horizontal	184	2.63	-	28.54	2.44	-
AV	2.4844G	52.50	54.00	-1.50	21.52	3	Horizontal	184	2.63	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2452MHz_TX



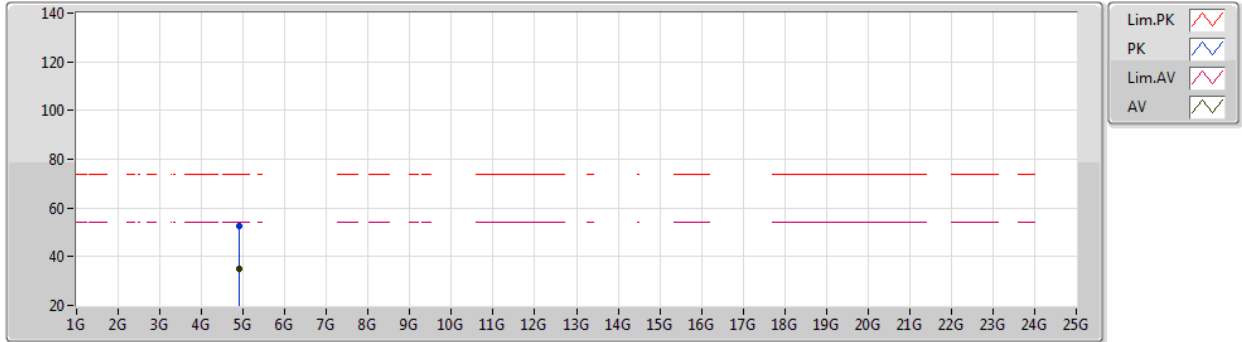
EUT V_1TX
Setting 13
02-B-G-2

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	4.90205G	52.93	74.00	-21.07	46.83	3	Vertical	326	2.25	-	33.20	4.70	31.80
AV	4.90454G	35.27	54.00	-18.73	29.18	3	Vertical	326	2.25	-	33.20	4.70	31.81

802.11n HT40_Nss1,(MCS0)_1TX

26/12/2020

2452MHz_TX



EUT V_1TX
Setting 13
02-B-G-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	4.90364G	52.54	74.00	-21.46	46.45	3	Horizontal	171	1.24	-	33.20	4.70	31.81
AV	4.9022G	35.09	54.00	-18.91	28.99	3	Horizontal	171	1.24	-	33.20	4.70	31.80



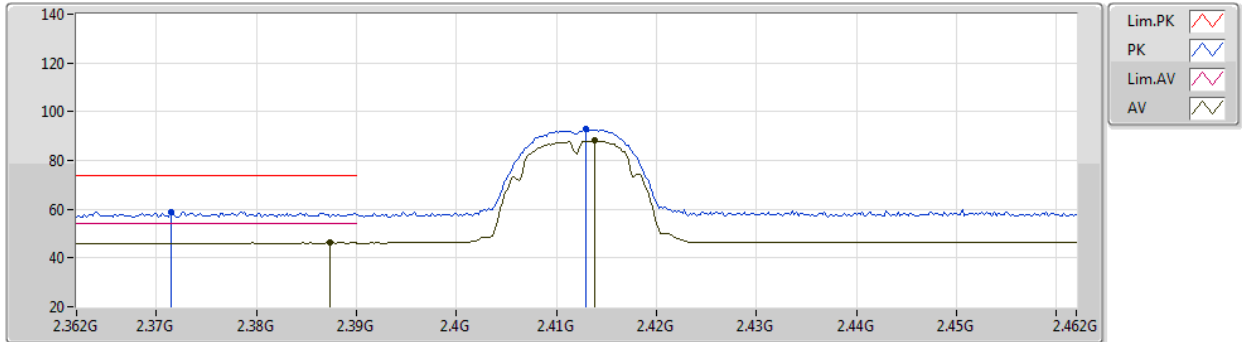
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	52.76	54.00	-1.24	3	Horizontal	337	1.23	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2412MHz_TX



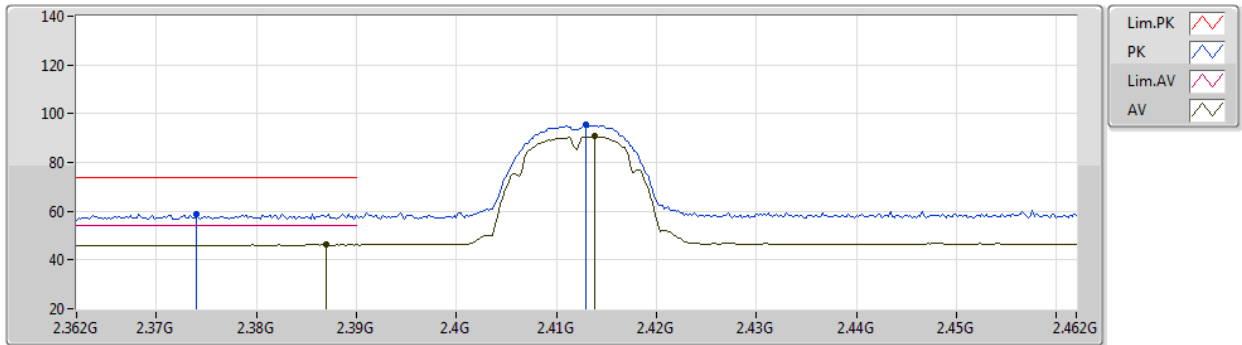
EUT Y_1TX
Setting 17
02-B-K-4

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	58.90	74.00	-15.10	28.19	3	Vertical	0	1.45	-	28.30	2.41	-
AV	2.3874G	46.20	54.00	-7.80	15.49	3	Vertical	0	1.45	-	28.30	2.41	-
PK	2.413G	92.83	Inf	-Inf	62.09	3	Vertical	0	1.45	-	28.33	2.41	-
AV	2.4138G	88.15	Inf	-Inf	57.41	3	Vertical	0	1.45	-	28.33	2.41	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2412MHz_TX



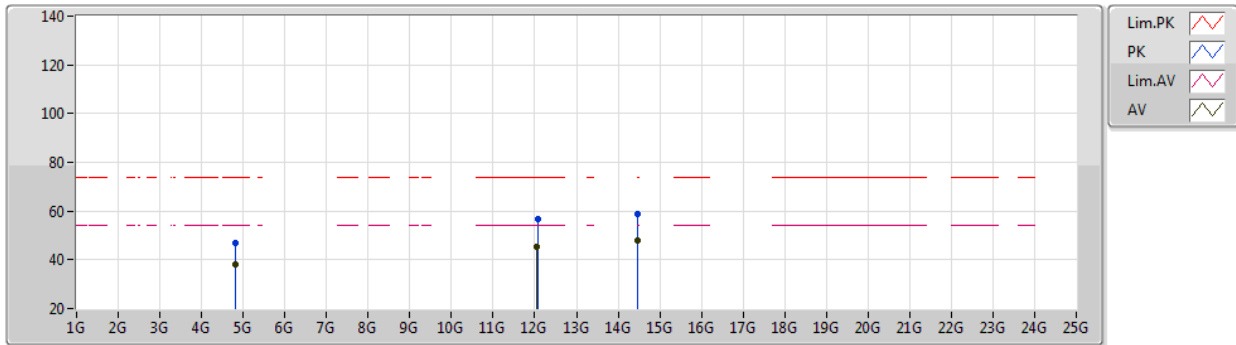
EUT Y_1TX
Setting 17
02-B-K-4

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	2.374G	58.85	74.00	-15.15	28.14	3	Horizontal	339	1.28	-	28.30	2.41	-
AV	2.387G	46.22	54.00	-7.78	15.51	3	Horizontal	339	1.28	-	28.30	2.41	-
PK	2.413G	95.26	Inf	-Inf	64.52	3	Horizontal	339	1.28	-	28.33	2.41	-
AV	2.4138G	90.65	Inf	-Inf	59.91	3	Horizontal	339	1.28	-	28.33	2.41	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2412MHz_TX



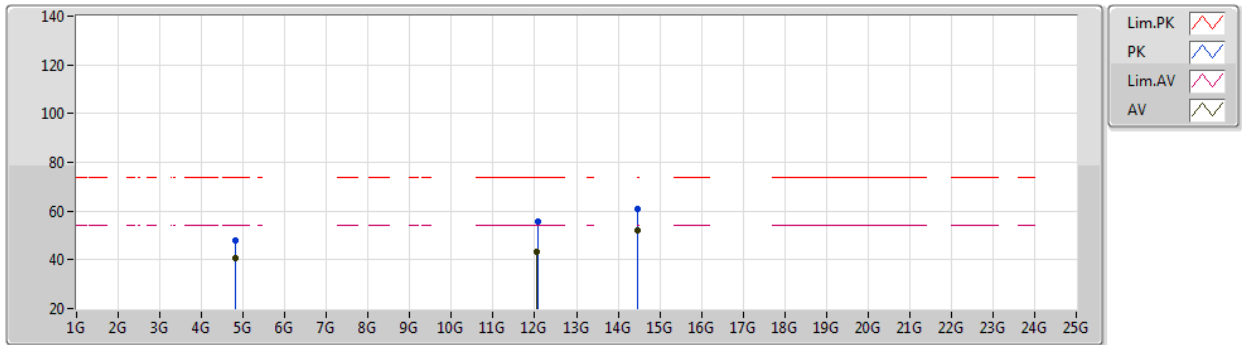
EUT X_1TX
Setting 17
02-B-K-4

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	4.82392G	47.02	74.00	-26.98	41.20	3	Vertical	12	2.55	-	32.90	4.70	31.78
AV	4.82396G	37.96	54.00	-16.04	32.14	3	Vertical	12	2.55	-	32.90	4.70	31.78
PK	12.06196G	56.67	74.00	-17.33	42.67	3	Vertical	196	1.80	-	39.11	7.82	32.93
AV	12.0606G	45.56	54.00	-8.44	31.55	3	Vertical	196	1.80	-	39.12	7.82	32.93
PK	14.47159G	58.80	74.00	-15.20	40.56	3	Vertical	190	1.98	-	42.31	8.67	32.74
AV	14.47181G	47.73	54.00	-6.27	29.48	3	Vertical	190	1.98	-	42.32	8.67	32.74

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2412MHz_TX



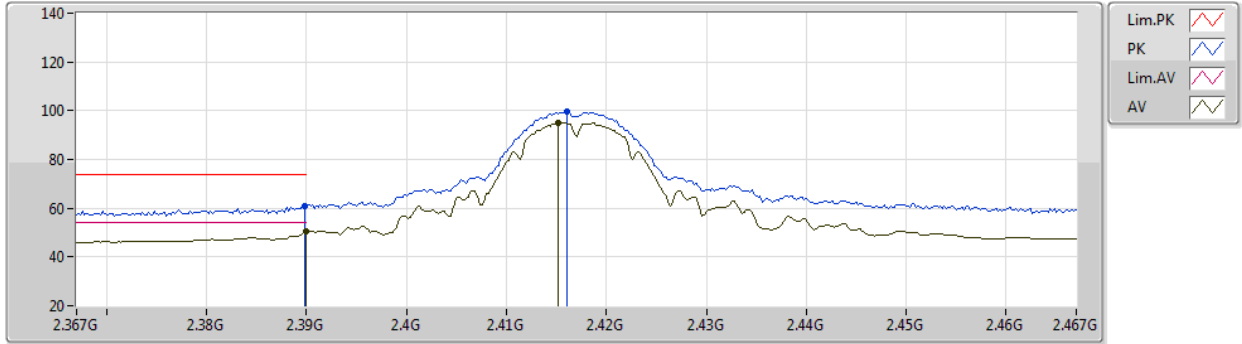
EUT X_1TX
Setting 17
02-B-K-4

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	4.82381G	47.93	74.00	-26.07	42.11	3	Horizontal	196	2.36	-	32.90	4.70	31.78
AV	4.8239G	40.55	54.00	-13.45	34.73	3	Horizontal	196	2.36	-	32.90	4.70	31.78
PK	12.06236G	55.89	74.00	-18.11	41.89	3	Horizontal	188	2.14	-	39.11	7.82	32.93
AV	12.06056G	43.48	54.00	-10.52	29.47	3	Horizontal	188	2.14	-	39.12	7.82	32.93
PK	14.47178G	60.93	74.00	-13.07	42.68	3	Horizontal	231	2.36	-	42.32	8.67	32.74
AV	14.47181G	51.94	54.00	-2.06	33.69	3	Horizontal	231	2.36	-	42.32	8.67	32.74

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2417MHz_TX



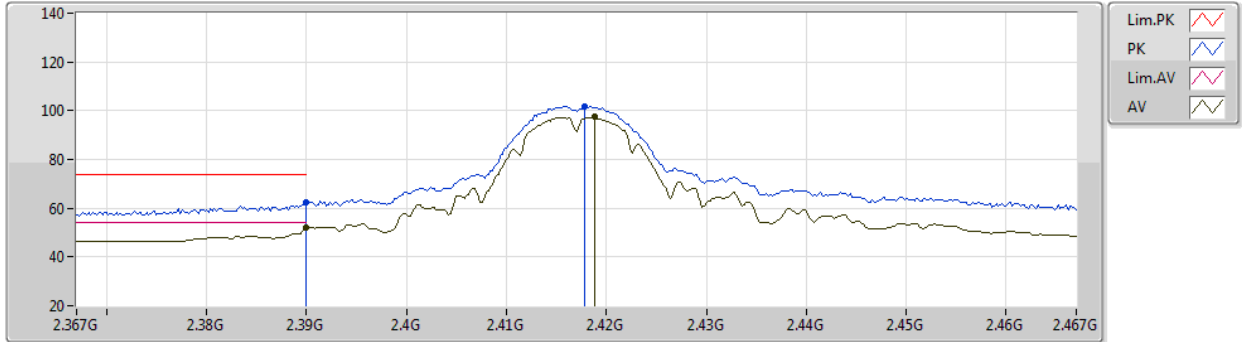
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Setting 24
02-B-K-4

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	60.82	74.00	-13.18	30.11	3	Vertical	350	1.47	-	28.30	2.41	-
AV	2.39G	50.64	54.00	-3.36	19.93	3	Vertical	350	1.47	-	28.30	2.41	-
PK	2.416G	99.44	Inf	-Inf	68.70	3	Vertical	350	1.47	-	28.33	2.41	-
AV	2.4152G	95.03	Inf	-Inf	64.29	3	Vertical	350	1.47	-	28.33	2.41	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2417MHz_TX



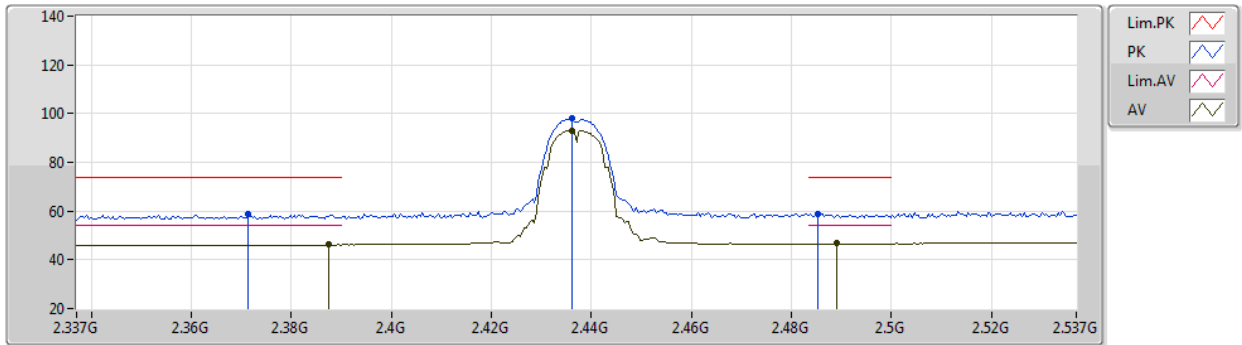
EUT Y_1TX
Setting 24
02-B-K-4

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	62.41	74.00	-11.59	31.70	3	Horizontal	325	1.30	-	28.30	2.41	-
AV	2.39G	52.19	54.00	-1.81	21.48	3	Horizontal	325	1.30	-	28.30	2.41	-
PK	2.4178G	101.84	Inf	-Inf	71.09	3	Horizontal	325	1.30	-	28.34	2.41	-
AV	2.4188G	97.35	Inf	-Inf	66.60	3	Horizontal	325	1.30	-	28.34	2.41	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2437MHz_TX



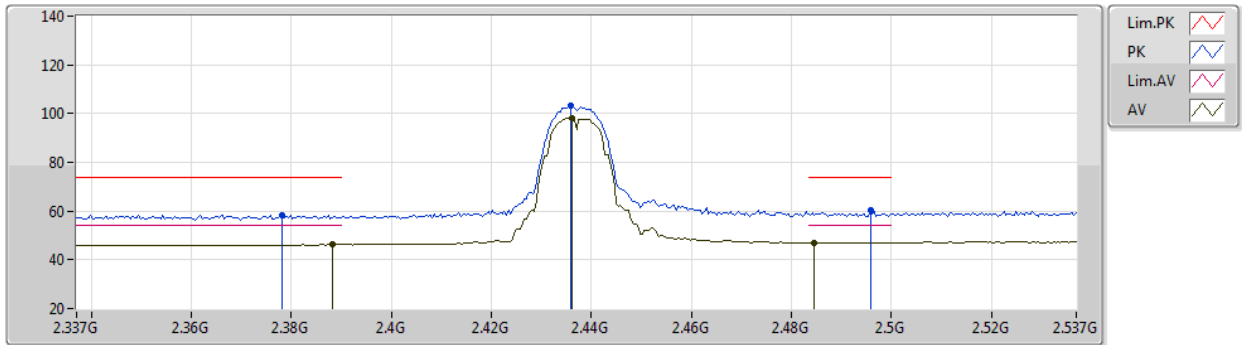
EUT Y_1TX
Setting 21
02-B-K-4

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	58.74	74.00	-15.26	28.03	3	Vertical	360	1.69	-	28.30	2.41	-
AV	2.3874G	46.15	54.00	-7.85	15.44	3	Vertical	360	1.69	-	28.30	2.41	-
PK	2.4362G	97.96	Inf	-Inf	67.17	3	Vertical	360	1.69	-	28.37	2.42	-
AV	2.4362G	93.15	Inf	-Inf	62.36	3	Vertical	360	1.69	-	28.37	2.42	-
PK	2.4854G	58.63	74.00	-15.37	27.65	3	Vertical	360	1.69	-	28.54	2.44	-
AV	2.489G	46.64	54.00	-7.36	15.64	3	Vertical	360	1.69	-	28.56	2.44	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2437MHz_TX



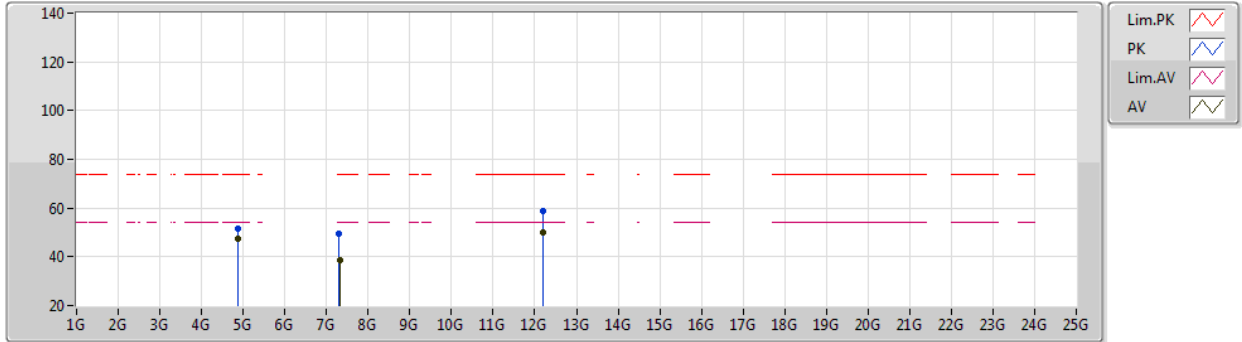
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Setting 21
02-B-K-4

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	2.3782G	58.44	74.00	-15.56	27.73	3	Horizontal	326	1.20	-	28.30	2.41	-
AV	2.3882G	46.21	54.00	-7.79	15.50	3	Horizontal	326	1.20	-	28.30	2.41	-
PK	2.4358G	103.04	Inf	-Inf	72.25	3	Horizontal	326	1.20	-	28.37	2.42	-
AV	2.4362G	98.25	Inf	-Inf	67.46	3	Horizontal	326	1.20	-	28.37	2.42	-
PK	2.4958G	60.34	74.00	-13.66	29.31	3	Horizontal	326	1.20	-	28.58	2.45	-
AV	2.4846G	47.05	54.00	-6.95	16.07	3	Horizontal	326	1.20	-	28.54	2.44	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2437MHz_TX



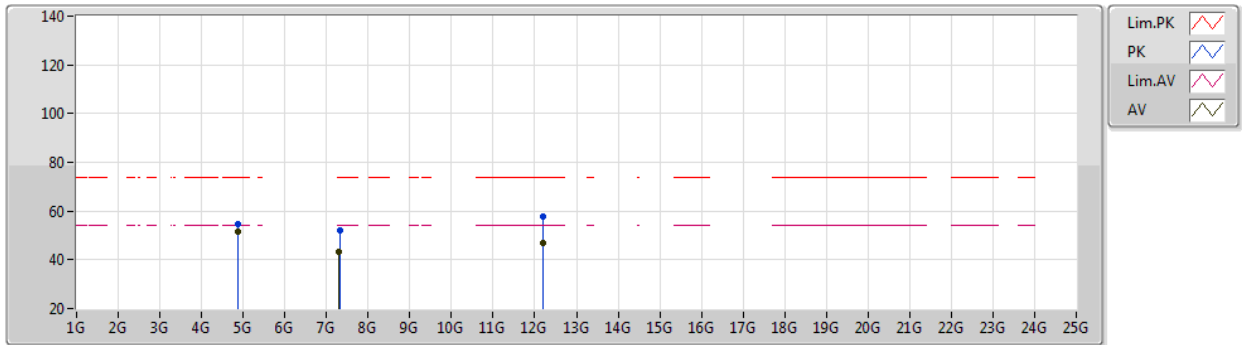
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Setting 21
02-B-K-4

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	4.87388G	51.51	74.00	-22.49	45.50	3	Vertical	327	1.79	-	33.10	4.70	31.79
AV	4.87392G	47.39	54.00	-6.61	41.38	3	Vertical	327	1.79	-	33.10	4.70	31.79
PK	7.30916G	49.69	74.00	-24.31	39.94	3	Vertical	171	2.18	-	36.42	5.75	32.42
AV	7.3126G	38.71	54.00	-15.29	28.95	3	Vertical	171	2.18	-	36.43	5.76	32.43
PK	12.1858G	58.84	74.00	-15.16	45.04	3	Vertical	195	1.80	-	38.83	7.87	32.90
AV	12.18552G	49.78	54.00	-4.22	35.99	3	Vertical	195	1.80	-	38.83	7.86	32.90

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2437MHz_TX



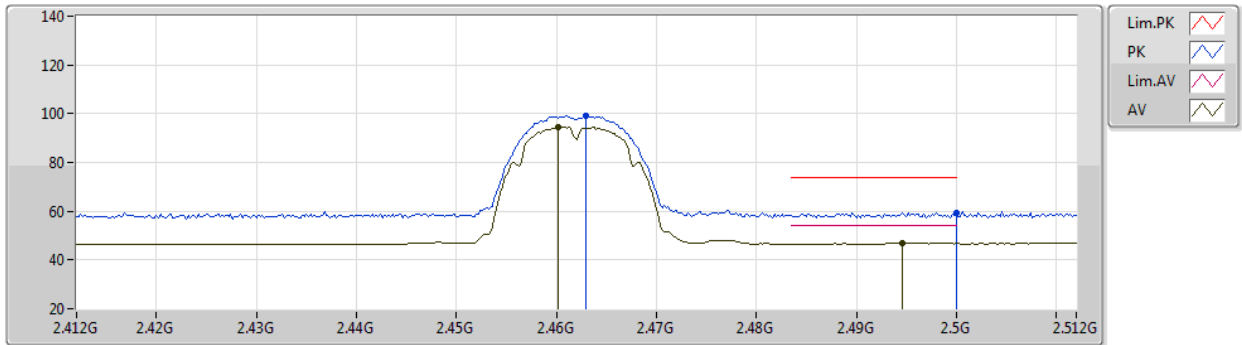
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Setting 21
02-B-K-4

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	4.87388G	54.51	74.00	-19.49	48.50	3	Horizontal	192	2.44	-	33.10	4.70	31.79
AV	4.87392G	51.46	54.00	-2.54	45.45	3	Horizontal	192	2.44	-	33.10	4.70	31.79
PK	7.31232G	52.14	74.00	-21.86	42.38	3	Horizontal	196	2.25	-	36.42	5.76	32.42
AV	7.31012G	43.31	54.00	-10.69	33.55	3	Horizontal	196	2.25	-	36.42	5.76	32.42
PK	12.18628G	57.58	74.00	-16.42	43.78	3	Horizontal	137	2.07	-	38.83	7.87	32.90
AV	12.18556G	47.01	54.00	-6.99	33.22	3	Horizontal	137	2.07	-	38.83	7.86	32.90

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2462MHz_TX



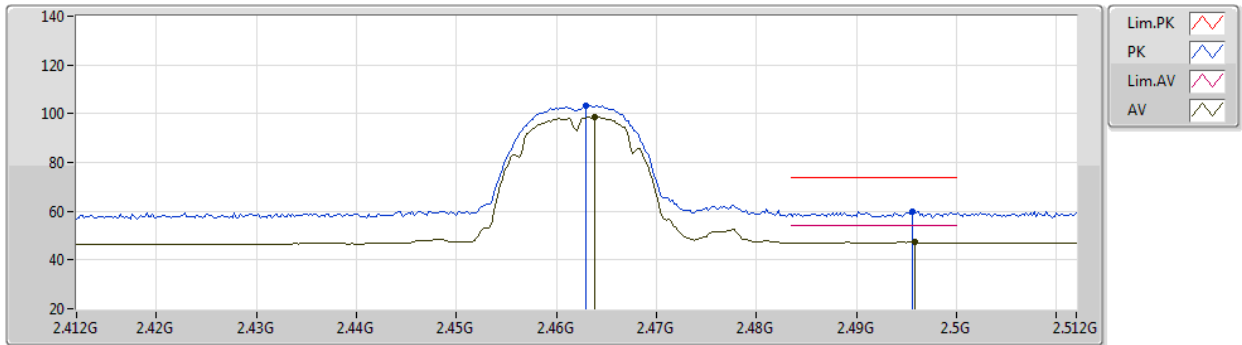
EUT Y_1TX
Setting 19
02-B-K-4

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	99.19	Inf	-Inf	68.31	3	Vertical	17	1.06	-	28.45	2.43	-
AV	2.4602G	94.43	Inf	-Inf	63.56	3	Vertical	17	1.06	-	28.44	2.43	-
PK	2.5G	59.25	74.00	-14.75	28.20	3	Vertical	17	1.06	-	28.60	2.45	-
AV	2.4946G	46.86	54.00	-7.14	15.83	3	Vertical	17	1.06	-	28.58	2.45	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2462MHz_TX



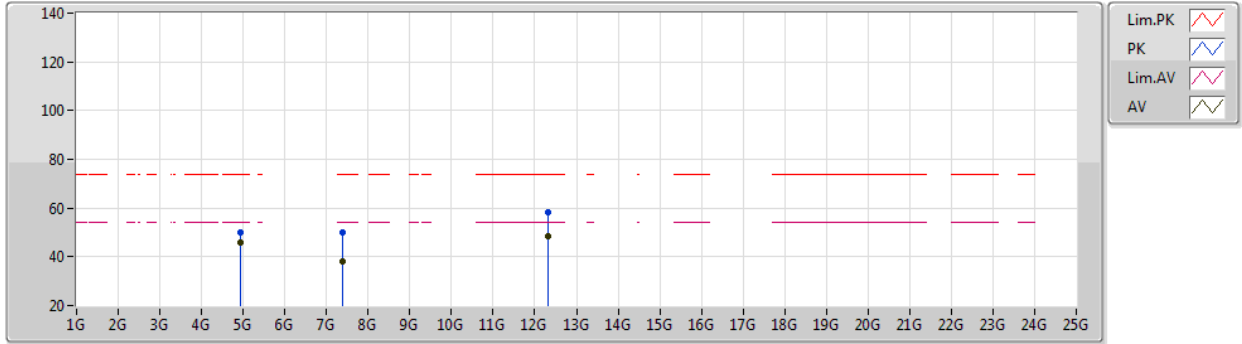
EUT Y_1TX
Setting 19
02-B-K-4

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	103.17	Inf	-Inf	72.29	3	Horizontal	354	1.21	-	28.45	2.43	-
AV	2.4638G	98.70	Inf	-Inf	67.81	3	Horizontal	354	1.21	-	28.46	2.43	-
PK	2.4956G	59.67	74.00	-14.33	28.64	3	Horizontal	354	1.21	-	28.58	2.45	-
AV	2.4958G	47.30	54.00	-6.70	16.27	3	Horizontal	354	1.21	-	28.58	2.45	-

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2462MHz_TX



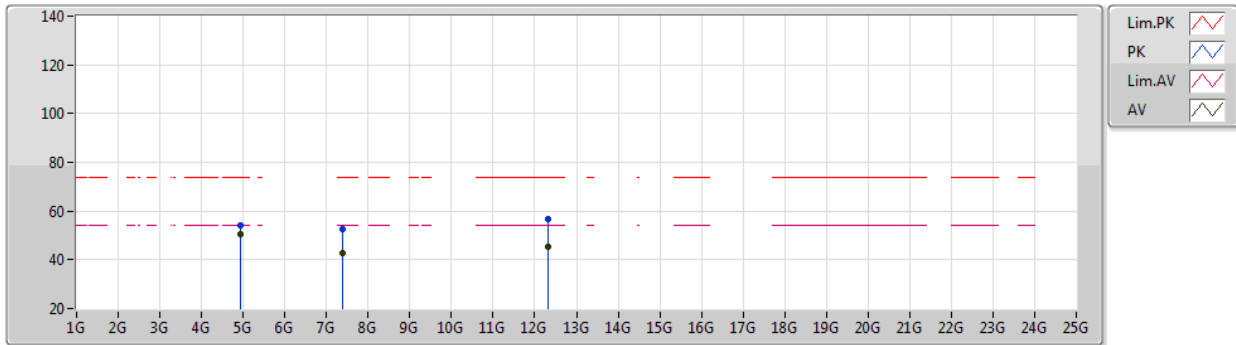
EUT X_1TX
Setting 19
02-B-K-4

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	4.92412G	50.23	74.00	-23.77	44.14	3	Vertical	14	2.46	-	33.20	4.70	31.81
AV	4.92392G	45.77	54.00	-8.23	39.68	3	Vertical	14	2.46	-	33.20	4.70	31.81
PK	7.3824G	50.22	74.00	-23.78	40.44	3	Vertical	164	2.13	-	36.44	5.79	32.45
AV	7.38408G	38.12	54.00	-15.88	28.35	3	Vertical	164	2.13	-	36.43	5.79	32.45
PK	12.30776G	58.44	74.00	-15.56	44.70	3	Vertical	144	1.80	-	38.70	7.91	32.87
AV	12.30804G	48.51	54.00	-5.49	34.77	3	Vertical	144	1.80	-	38.70	7.91	32.87

802.11b_Nss1,(1Mbps)_1TX

13/01/2021

2462MHz_TX



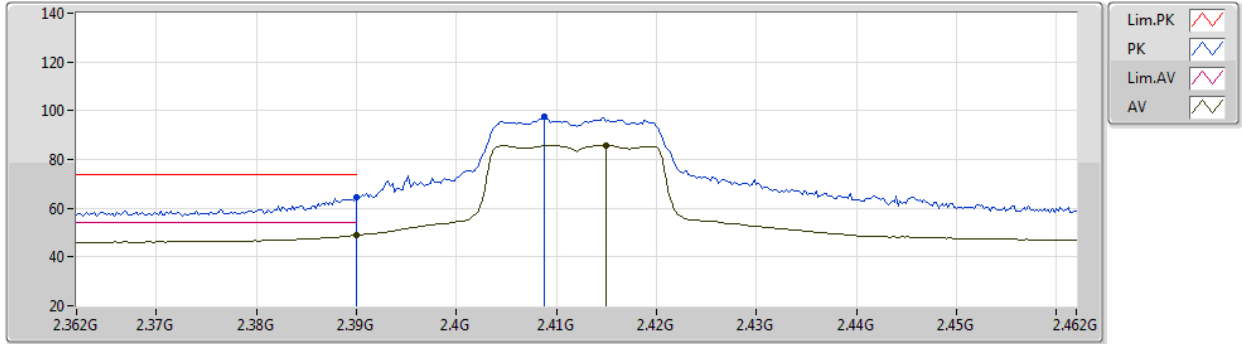
EUT X_1TX
Setting 19
02-B-K-4

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	4.92388G	53.92	74.00	-20.08	47.83	3	Horizontal	158	2.44	-	33.20	4.70	31.81
AV	4.92388G	50.49	54.00	-3.51	44.40	3	Horizontal	158	2.44	-	33.20	4.70	31.81
PK	7.38676G	52.65	74.00	-21.35	42.88	3	Horizontal	178	2.12	-	36.43	5.79	32.45
AV	7.38412G	42.93	54.00	-11.07	33.16	3	Horizontal	178	2.12	-	36.43	5.79	32.45
PK	12.30704G	56.48	74.00	-17.52	42.74	3	Horizontal	137	2.14	-	38.70	7.91	32.87
AV	12.30812G	45.41	54.00	-8.59	31.67	3	Horizontal	137	2.14	-	38.70	7.91	32.87

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2412MHz_TX



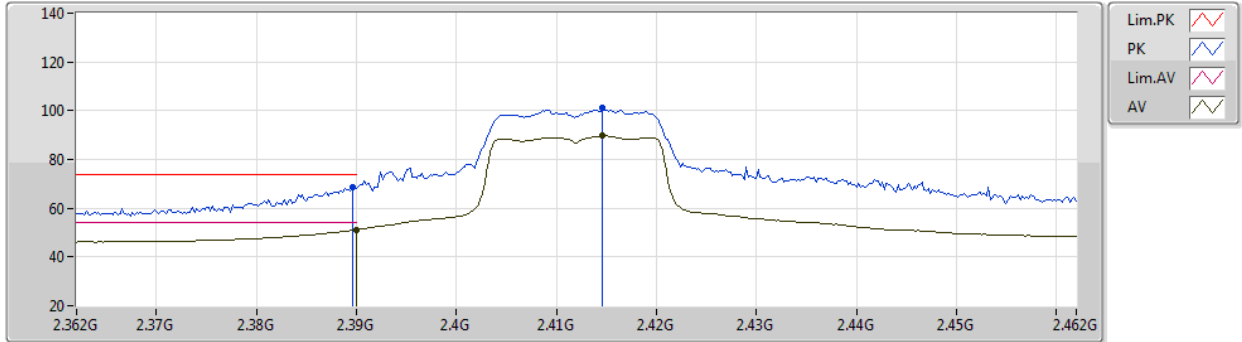
EUT Y_1TX
Setting 20
02-B-K-4

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	64.73	74.00	-9.27	34.02	3	Vertical	254	1.52	-	28.30	2.41	-
AV	2.39G	48.86	54.00	-5.14	18.15	3	Vertical	254	1.52	-	28.30	2.41	-
PK	2.4088G	97.56	Inf	-Inf	66.84	3	Vertical	254	1.52	-	28.32	2.40	-
AV	2.415G	85.87	Inf	-Inf	55.13	3	Vertical	254	1.52	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2412MHz_TX



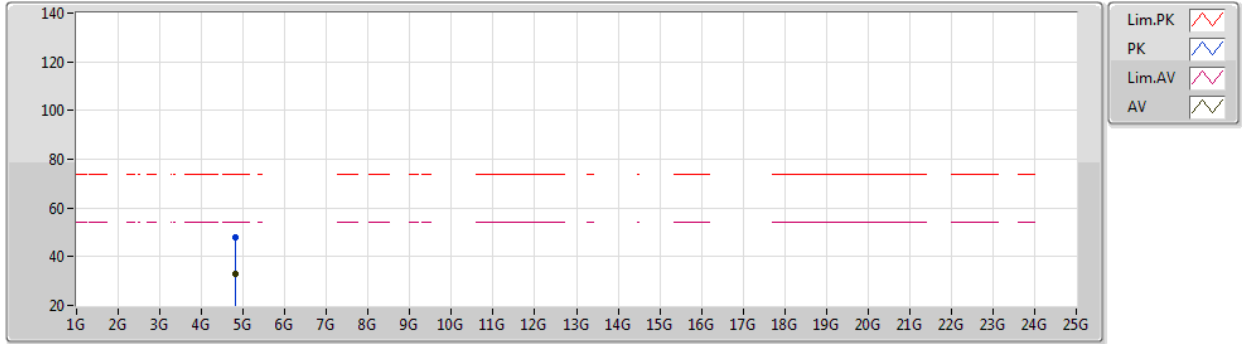
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Setting 20
02-B-K-4

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	68.41	74.00	-5.59	37.70	3	Horizontal	350	1.24	-	28.30	2.41	-
AV	2.39G	51.25	54.00	-2.75	20.54	3	Horizontal	350	1.24	-	28.30	2.41	-
PK	2.4146G	100.95	Inf	-Inf	70.21	3	Horizontal	350	1.24	-	28.33	2.41	-
AV	2.4146G	89.68	Inf	-Inf	58.94	3	Horizontal	350	1.24	-	28.33	2.41	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2412MHz_TX



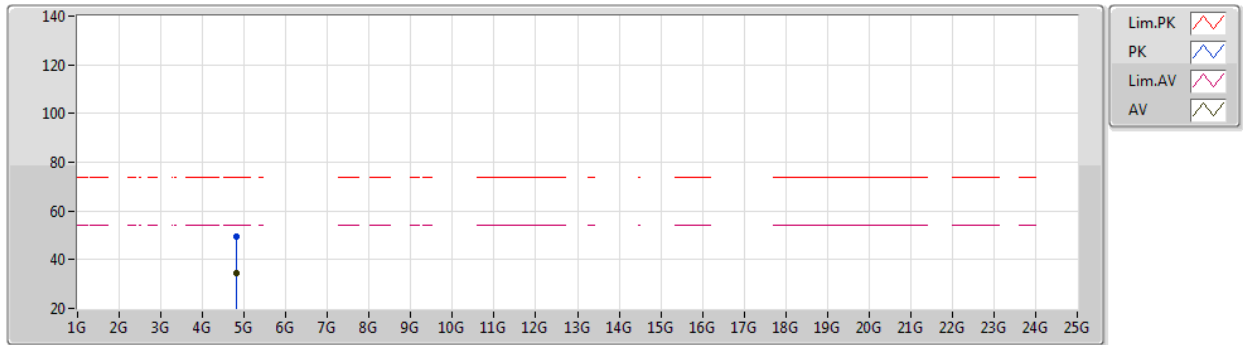
EUT X_1TX
Setting 20
02-B-K-4

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	4.81788G	47.70	74.00	-26.30	41.90	3	Vertical	13	2.56	-	32.87	4.70	31.77
AV	4.82316G	32.83	54.00	-21.17	27.02	3	Vertical	13	2.56	-	32.89	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2412MHz_TX



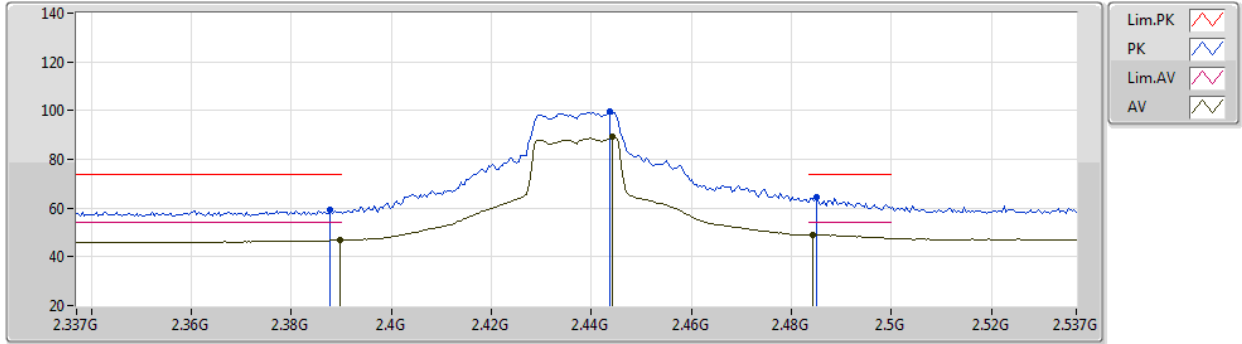
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Setting 20
02-B-K-4

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	4.82472G	49.72	74.00	-24.28	43.90	3	Horizontal	194	2.49	-	32.90	4.70	31.78
AV	4.82344G	34.56	54.00	-19.44	28.75	3	Horizontal	194	2.49	-	32.89	4.70	31.78

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2437MHz_TX



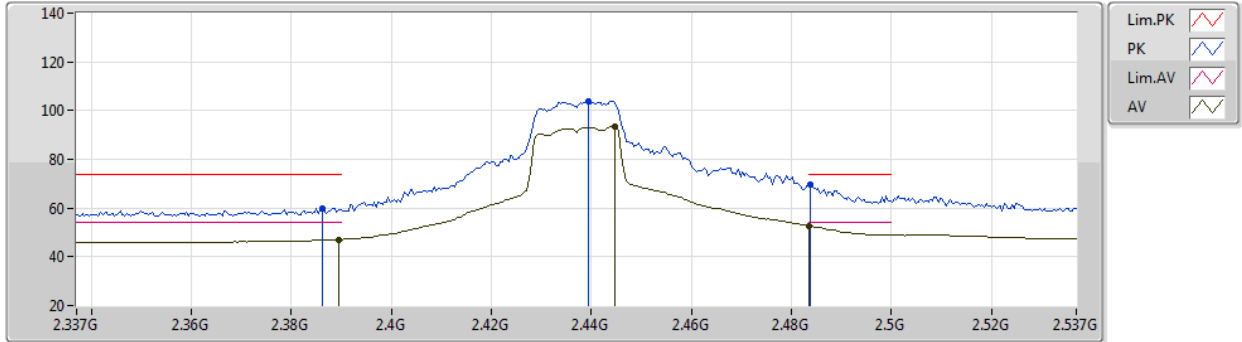
EUT Y_1TX
Setting 22
02-B-K-4

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	59.10	74.00	-14.90	28.39	3	Vertical	342	1.16	-	28.30	2.41	-
AV	2.3898G	46.79	54.00	-7.21	16.08	3	Vertical	342	1.16	-	28.30	2.41	-
PK	2.4438G	99.51	Inf	-Inf	68.70	3	Vertical	342	1.16	-	28.39	2.42	-
AV	2.4442G	89.11	Inf	-Inf	58.30	3	Vertical	342	1.16	-	28.39	2.42	-
PK	2.485G	64.28	74.00	-9.72	33.30	3	Vertical	342	1.16	-	28.54	2.44	-
AV	2.4842G	48.97	54.00	-5.03	17.99	3	Vertical	342	1.16	-	28.54	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2437MHz_TX



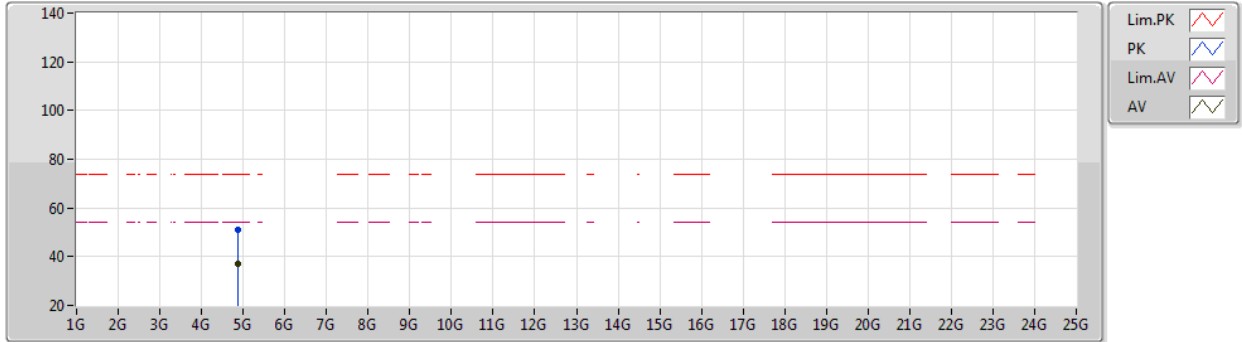
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Setting 22
02-B-K-4

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	59.96	74.00	-14.04	29.25	3	Horizontal	337	1.23	-	28.30	2.41	-
AV	2.3894G	47.12	54.00	-6.88	16.41	3	Horizontal	337	1.23	-	28.30	2.41	-
PK	2.4394G	103.65	Inf	-Inf	72.85	3	Horizontal	337	1.23	-	28.38	2.42	-
AV	2.4446G	93.66	Inf	-Inf	62.85	3	Horizontal	337	1.23	-	28.39	2.42	-
PK	2.4838G	69.81	74.00	-4.19	38.83	3	Horizontal	337	1.23	-	28.54	2.44	-
AV	2.4835G	52.76	54.00	-1.24	21.79	3	Horizontal	337	1.23	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2437MHz_TX



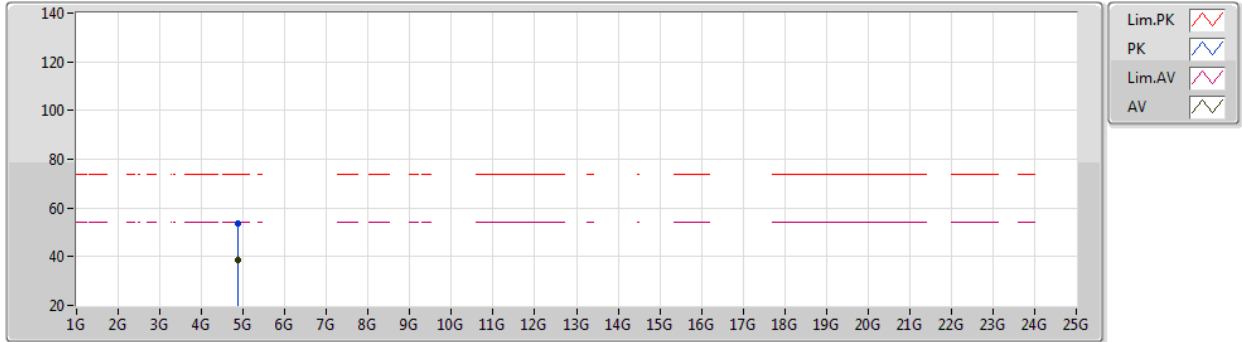
EUT X_1TX
Setting 22
02-B-K-4

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	4.8734G	51.26	74.00	-22.74	45.26	3	Vertical	312	2.47	-	33.09	4.70	31.79
AV	4.87412G	37.26	54.00	-16.74	31.25	3	Vertical	312	2.47	-	33.10	4.70	31.79

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2437MHz_TX



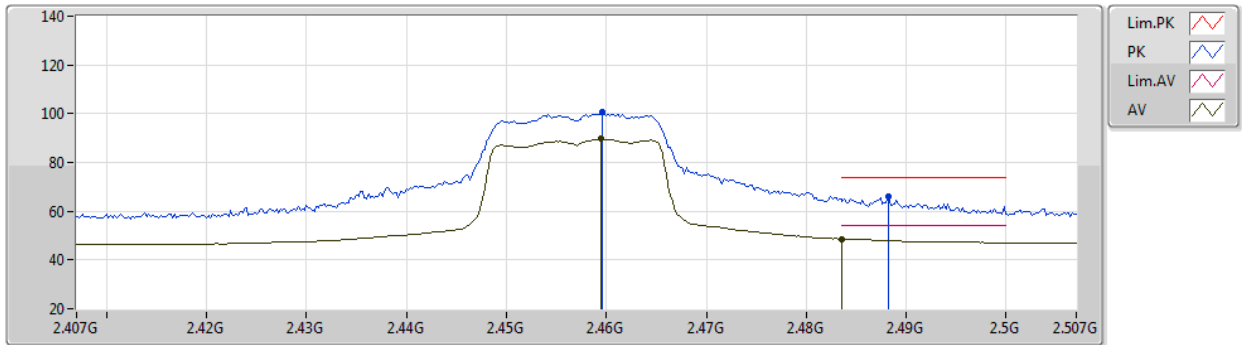
EUT X_1TX
Setting 22
02-B-K-4

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	4.87448G	53.76	74.00	-20.24	47.75	3	Horizontal	195	1.00	-	33.10	4.70	31.79
AV	4.87448G	38.39	54.00	-15.61	32.38	3	Horizontal	195	1.00	-	33.10	4.70	31.79

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2457MHz_TX



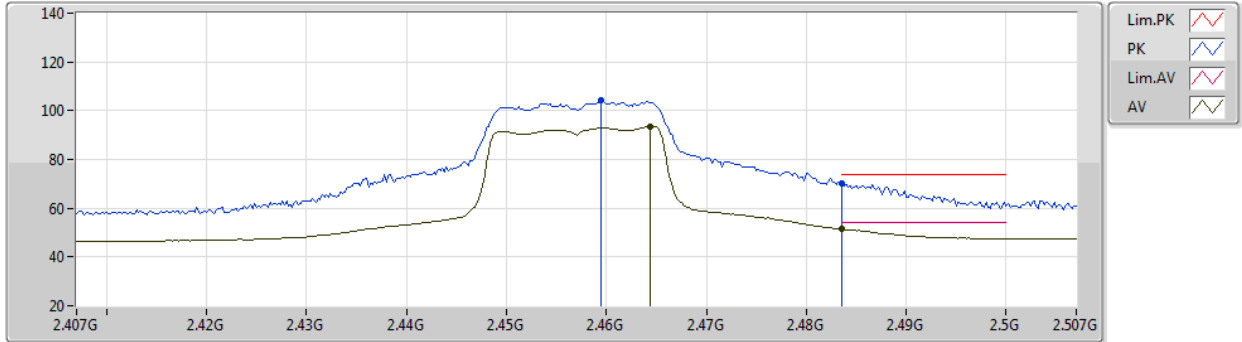
EUT Y_1TX
Setting 19
02-B-K-4

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	100.72	Inf	-Inf	69.85	3	Vertical	17	1.07	-	28.44	2.43	-
AV	2.4594G	89.57	Inf	-Inf	58.70	3	Vertical	17	1.07	-	28.44	2.43	-
PK	2.4882G	66.18	74.00	-7.82	35.19	3	Vertical	17	1.07	-	28.55	2.44	-
AV	2.4835G	48.61	54.00	-5.39	17.64	3	Vertical	17	1.07	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2457MHz_TX



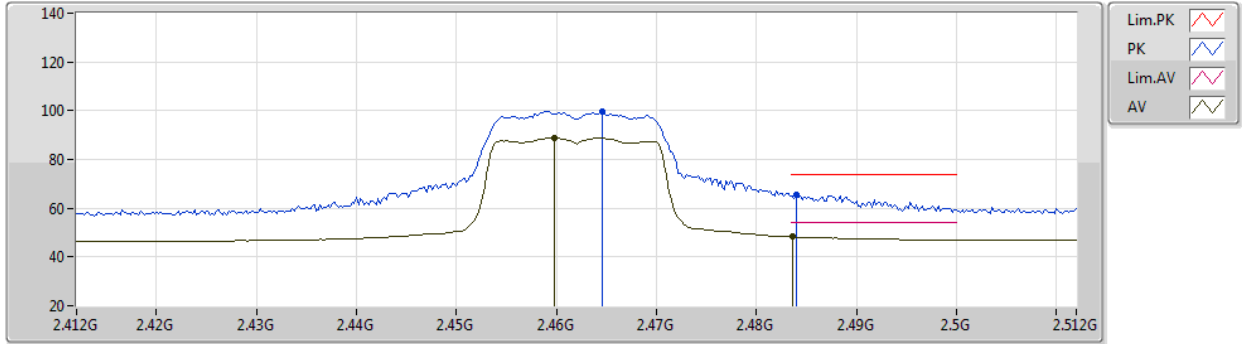
EUT Y_1TX
Setting 19
02-B-K-4

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	104.09	Inf	-Inf	73.22	3	Horizontal	354	1.23	-	28.44	2.43	-
AV	2.4644G	93.63	Inf	-Inf	62.74	3	Horizontal	354	1.23	-	28.46	2.43	-
PK	2.4835G	70.13	74.00	-3.87	39.16	3	Horizontal	354	1.23	-	28.53	2.44	-
AV	2.4835G	51.51	54.00	-2.49	20.54	3	Horizontal	354	1.23	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2462MHz_TX



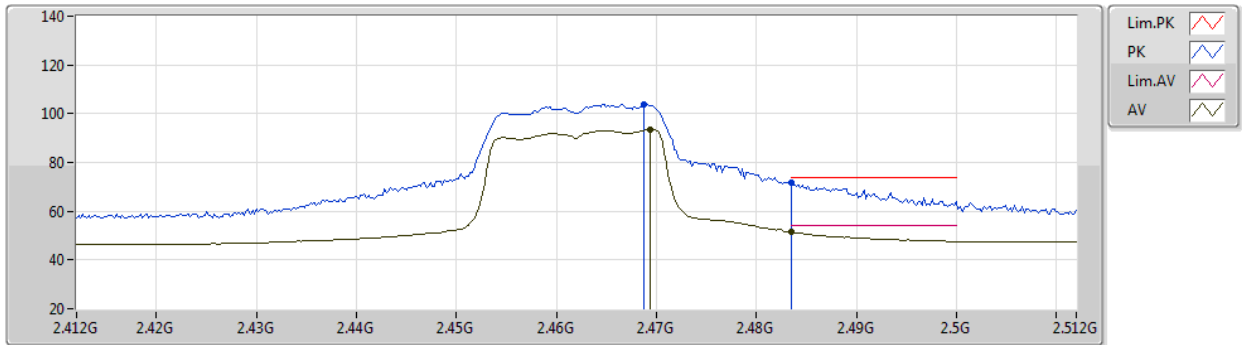
EUT Y_1TX
Setting 18
02-B-K-4

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	2.464G	99.86	Inf	-Inf	68.97	3	Vertical	18	1.07	-	28.46	2.43	-
AV	2.4598G	88.78	Inf	-Inf	57.91	3	Vertical	18	1.07	-	28.44	2.43	-
PK	2.484G	65.48	74.00	-8.52	34.50	3	Vertical	18	1.07	-	28.54	2.44	-
AV	2.4836G	48.22	54.00	-5.78	17.25	3	Vertical	18	1.07	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2462MHz_TX



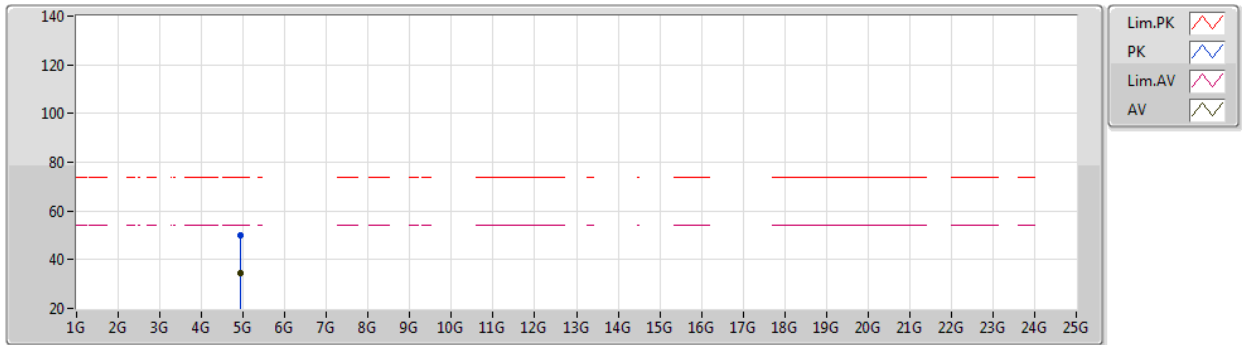
EUT Y_1TX
Setting 18
02-B-K-4

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	2.4688G	103.82	Inf	-Inf	72.91	3	Horizontal	335	1.17	-	28.48	2.43	-
AV	2.4694G	93.41	Inf	-Inf	62.50	3	Horizontal	335	1.17	-	28.48	2.43	-
PK	2.4835G	71.55	74.00	-2.45	40.58	3	Horizontal	335	1.17	-	28.53	2.44	-
AV	2.4835G	51.41	54.00	-2.59	20.44	3	Horizontal	335	1.17	-	28.53	2.44	-

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2462MHz_TX



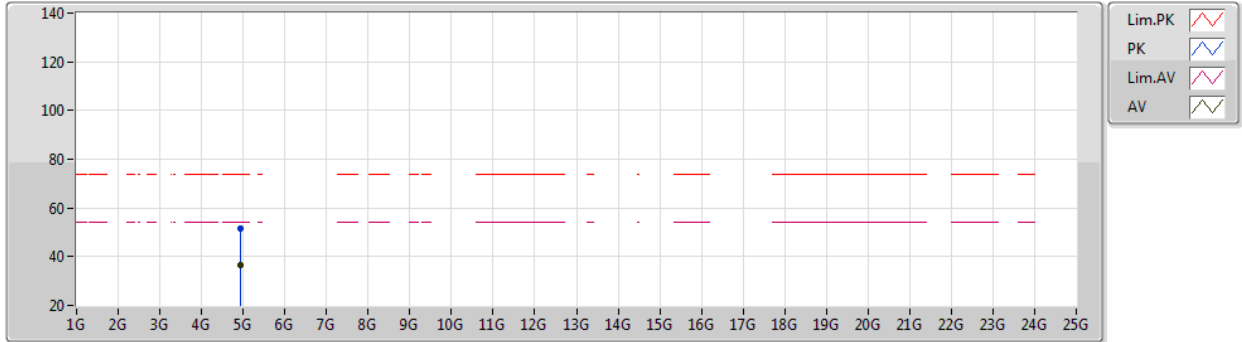
EUT X_1TX
Setting 18
02-B-K-4

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	4.92448G	50.05	74.00	-23.95	43.96	3	Vertical	13	2.45	-	33.20	4.70	31.81
AV	4.9234G	34.26	54.00	-19.74	28.17	3	Vertical	13	2.45	-	33.20	4.70	31.81

802.11g_Nss1,(6Mbps)_1TX

13/01/2021

2462MHz_TX



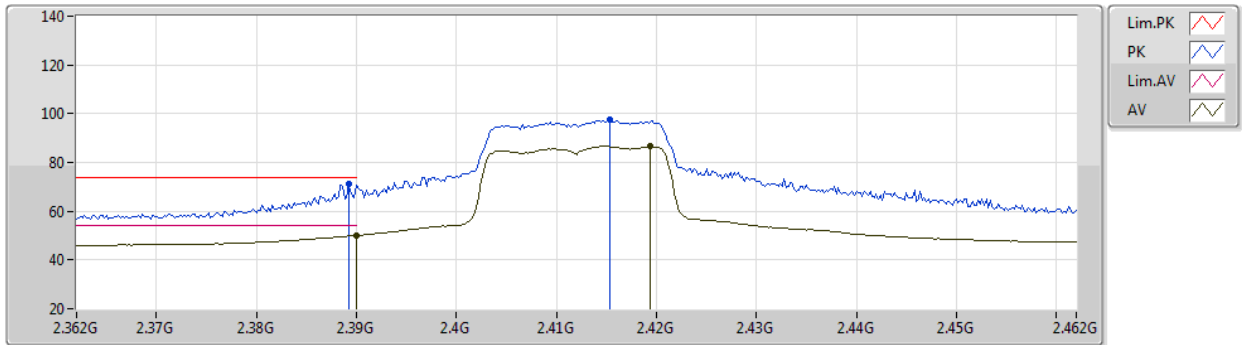
EUT X_1TX
Setting 18
02-B-K-4

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	4.92328G	51.54	74.00	-22.46	45.45	3	Horizontal	158	2.67	-	33.20	4.70	31.81
AV	4.9234G	36.76	54.00	-17.24	30.67	3	Horizontal	158	2.67	-	33.20	4.70	31.81

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2412MHz_TX



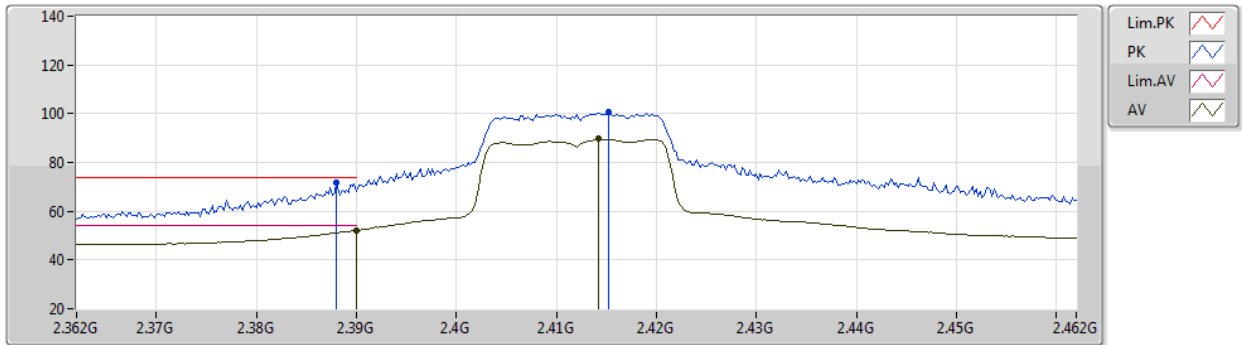
EUT Y_1TX
Setting 19
02-B-K-4

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	71.30	74.00	-2.70	40.59	3	Vertical	350	1.46	-	28.30	2.41	-
AV	2.39G	50.07	54.00	-3.93	19.36	3	Vertical	350	1.46	-	28.30	2.41	-
PK	2.4154G	97.68	Inf	-Inf	66.94	3	Vertical	350	1.46	-	28.33	2.41	-
AV	2.4194G	86.67	Inf	-Inf	55.92	3	Vertical	350	1.46	-	28.34	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2412MHz_TX



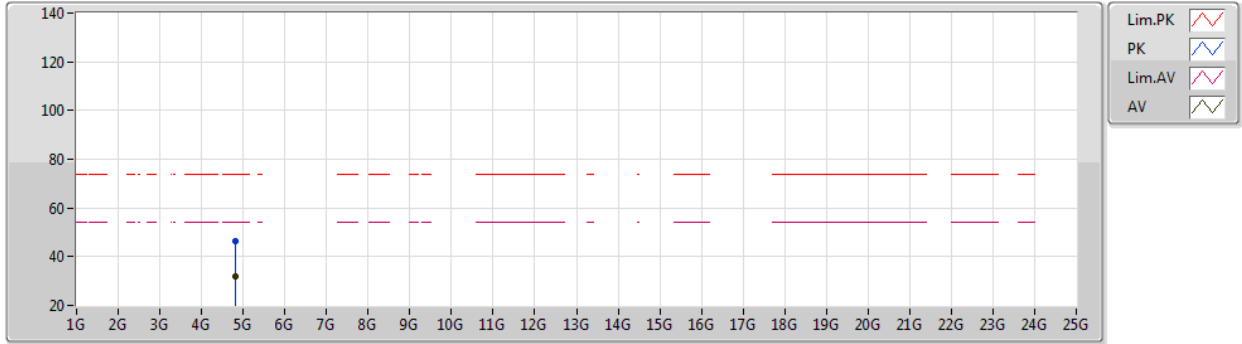
EUT Y_1TX
Setting 19
02-B-K-4

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	2.388G	71.70	74.00	-2.30	40.99	3	Horizontal	352	1.25	-	28.30	2.41	-
AV	2.39G	52.11	54.00	-1.89	21.40	3	Horizontal	352	1.25	-	28.30	2.41	-
PK	2.4152G	100.64	Inf	-Inf	69.90	3	Horizontal	352	1.25	-	28.33	2.41	-
AV	2.4142G	89.69	Inf	-Inf	58.95	3	Horizontal	352	1.25	-	28.33	2.41	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2412MHz_TX



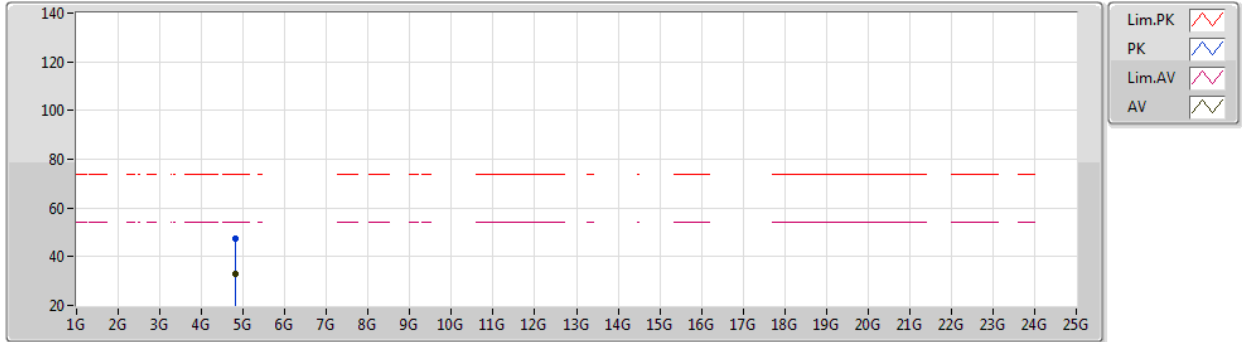
EUT X_1TX
Setting 19
02-B-K-4

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	4.82736G	46.22	74.00	-27.78	40.39	3	Vertical	304	2.11	-	32.91	4.70	31.78
AV	4.82472G	31.90	54.00	-22.10	26.08	3	Vertical	304	2.11	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2412MHz_TX



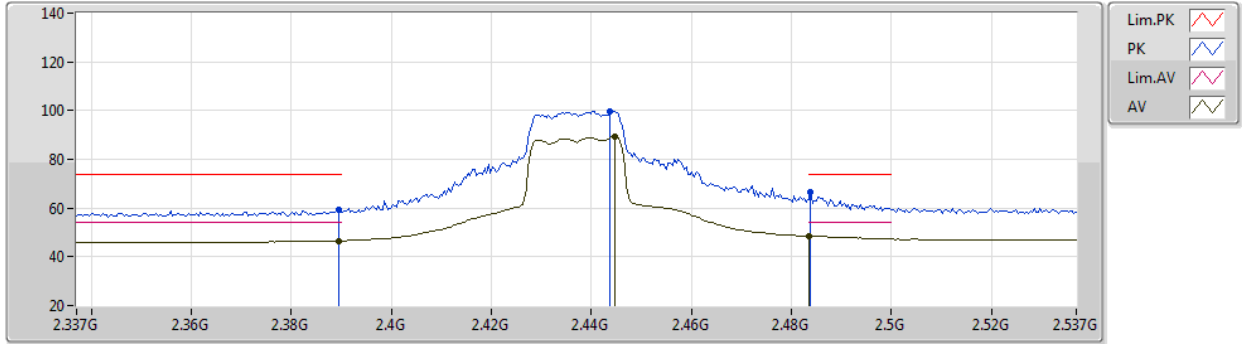
EUT X_1TX
Setting 19
02-B-K-4

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	4.82472G	47.63	74.00	-26.37	41.81	3	Horizontal	228	2.23	-	32.90	4.70	31.78
AV	4.8246G	33.15	54.00	-20.85	27.33	3	Horizontal	228	2.23	-	32.90	4.70	31.78

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



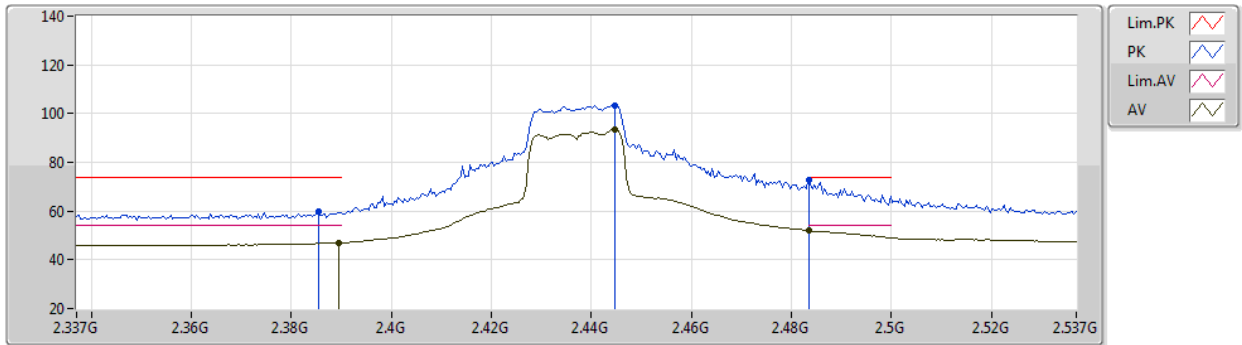
EUT Y_1TX
Setting 21
02-B-K-4

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	59.19	74.00	-14.81	28.48	3	Vertical	340	1.10	-	28.30	2.41	-
AV	2.3894G	46.60	54.00	-7.40	15.89	3	Vertical	340	1.10	-	28.30	2.41	-
PK	2.4438G	99.83	Inf	-Inf	69.02	3	Vertical	340	1.10	-	28.39	2.42	-
AV	2.4446G	89.14	Inf	-Inf	58.33	3	Vertical	340	1.10	-	28.39	2.42	-
PK	2.4838G	66.45	74.00	-7.55	35.47	3	Vertical	340	1.10	-	28.54	2.44	-
AV	2.4835G	48.40	54.00	-5.60	17.43	3	Vertical	340	1.10	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



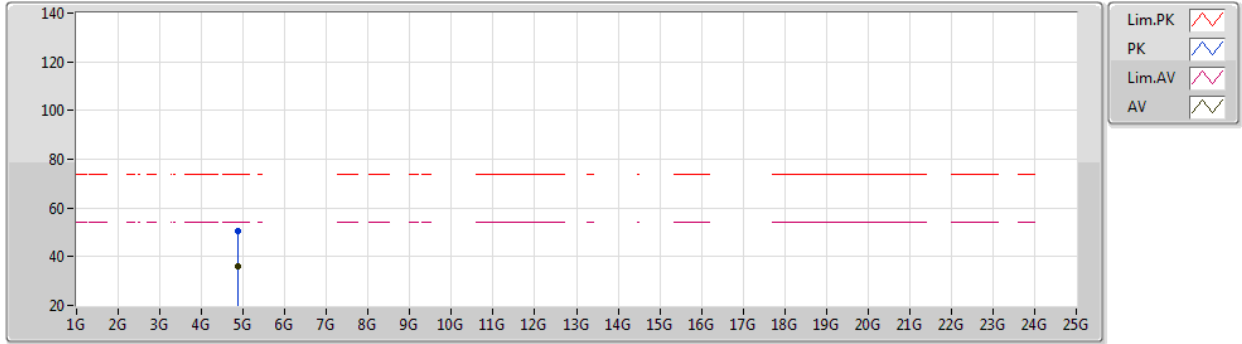
EUT Y_1TX
Setting 21
02-B-K-4

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	2.3854G	59.68	74.00	-14.32	28.97	3	Horizontal	336	1.06	-	28.30	2.41	-
AV	2.3894G	47.01	54.00	-6.99	16.30	3	Horizontal	336	1.06	-	28.30	2.41	-
PK	2.4446G	103.36	Inf	-Inf	72.55	3	Horizontal	336	1.06	-	28.39	2.42	-
AV	2.4446G	93.56	Inf	-Inf	62.75	3	Horizontal	336	1.06	-	28.39	2.42	-
PK	2.4835G	72.52	74.00	-1.48	41.55	3	Horizontal	336	1.06	-	28.53	2.44	-
AV	2.4835G	52.01	54.00	-1.99	21.04	3	Horizontal	336	1.06	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



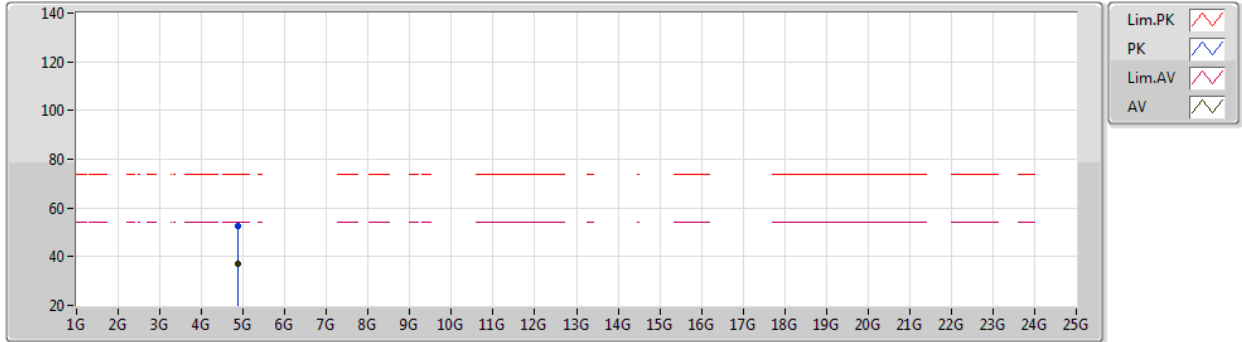
EUT X_1TX
Setting 21
02-B-K-4

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	4.87256G	50.62	74.00	-23.38	44.62	3	Vertical	311	2.45	-	33.09	4.70	31.79
AV	4.87436G	36.28	54.00	-17.72	30.27	3	Vertical	311	2.45	-	33.10	4.70	31.79

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



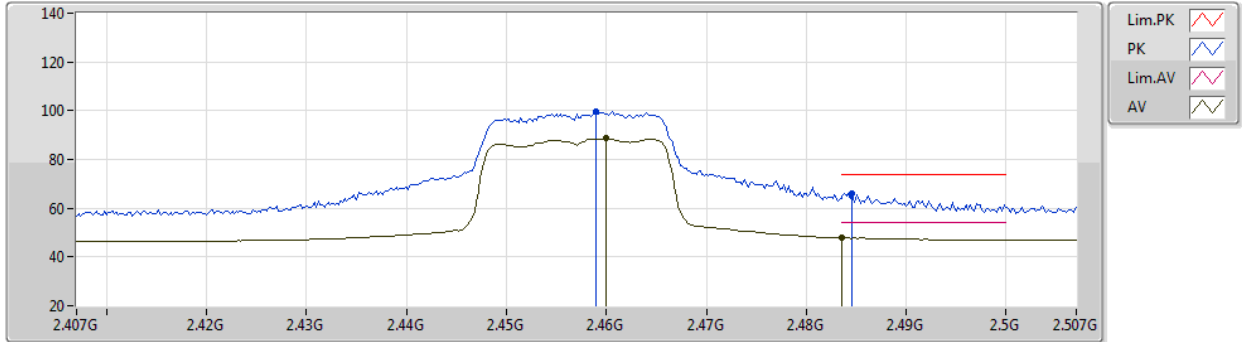
EUT X_1TX
Setting 21
02-B-K-4

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	4.87496G	52.68	74.00	-21.32	46.67	3	Horizontal	193	1.00	-	33.10	4.70	31.79
AV	4.87436G	37.30	54.00	-16.70	31.29	3	Horizontal	193	1.00	-	33.10	4.70	31.79

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2457MHz_TX



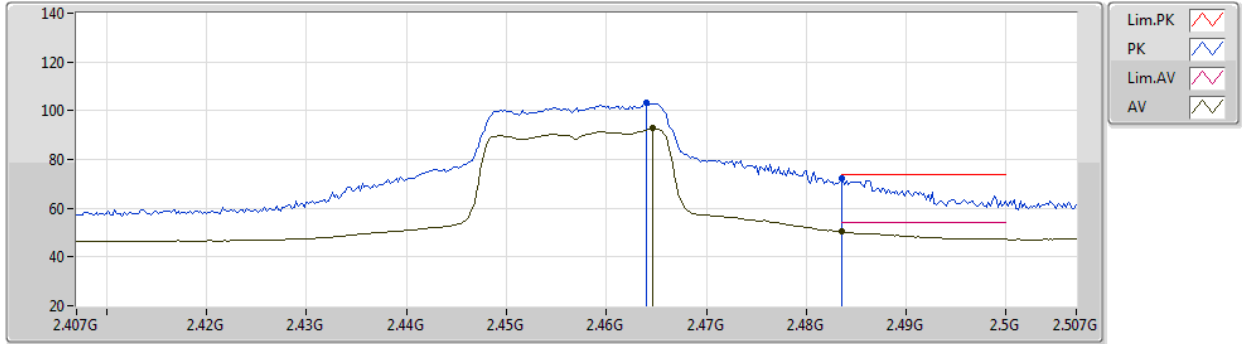
EUT Y_1TX
Setting 18
02-B-K-4

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	2.459G	99.70	Inf	-Inf	68.83	3	Vertical	17	1.07	-	28.44	2.43	-
AV	2.46G	88.57	Inf	-Inf	57.70	3	Vertical	17	1.07	-	28.44	2.43	-
PK	2.4846G	66.19	74.00	-7.81	35.21	3	Vertical	17	1.07	-	28.54	2.44	-
AV	2.4836G	47.76	54.00	-6.24	16.79	3	Vertical	17	1.07	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2457MHz_TX



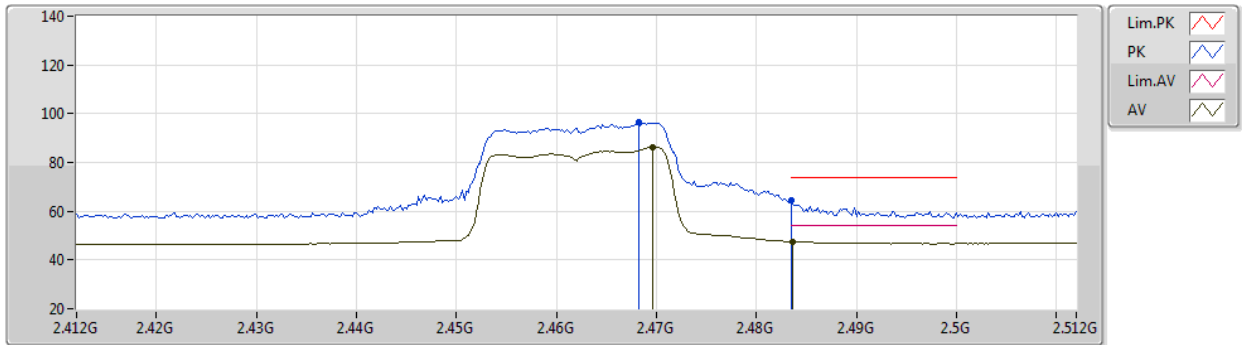
EUT Y_1TX
Setting 18
02-B-K-4

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	2.464G	103.11	Inf	-Inf	72.22	3	Horizontal	360	1.22	-	28.46	2.43	-
AV	2.4646G	92.72	Inf	-Inf	61.83	3	Horizontal	360	1.22	-	28.46	2.43	-
PK	2.4836G	71.99	74.00	-2.01	41.02	3	Horizontal	360	1.22	-	28.53	2.44	-
AV	2.4835G	50.34	54.00	-3.66	19.37	3	Horizontal	360	1.22	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2462MHz_TX



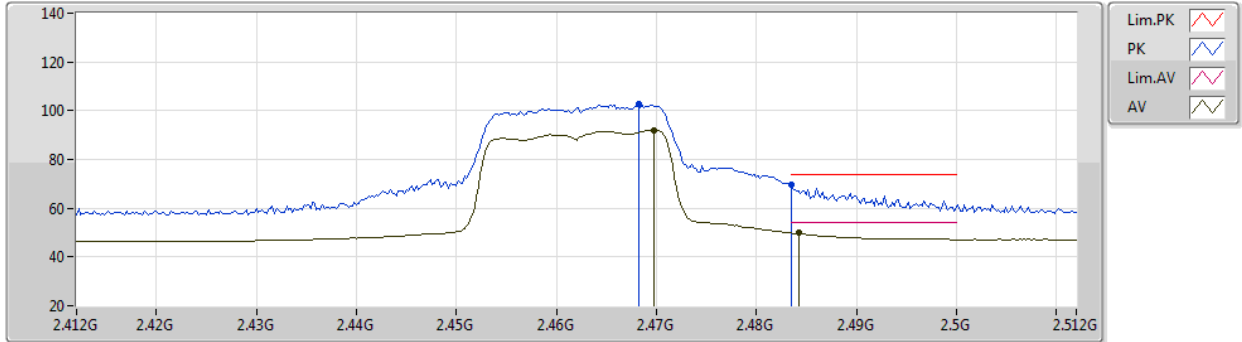
EUT Y_1TX
Setting 16
02-B-K-4

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	2.4682G	96.53	Inf	-Inf	65.63	3	Vertical	335	1.24	-	28.47	2.43	-
AV	2.4696G	86.41	Inf	-Inf	55.50	3	Vertical	335	1.24	-	28.48	2.43	-
PK	2.4835G	64.31	74.00	-9.69	33.34	3	Vertical	335	1.24	-	28.53	2.44	-
AV	2.4836G	47.56	54.00	-6.44	16.59	3	Vertical	335	1.24	-	28.53	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2462MHz_TX



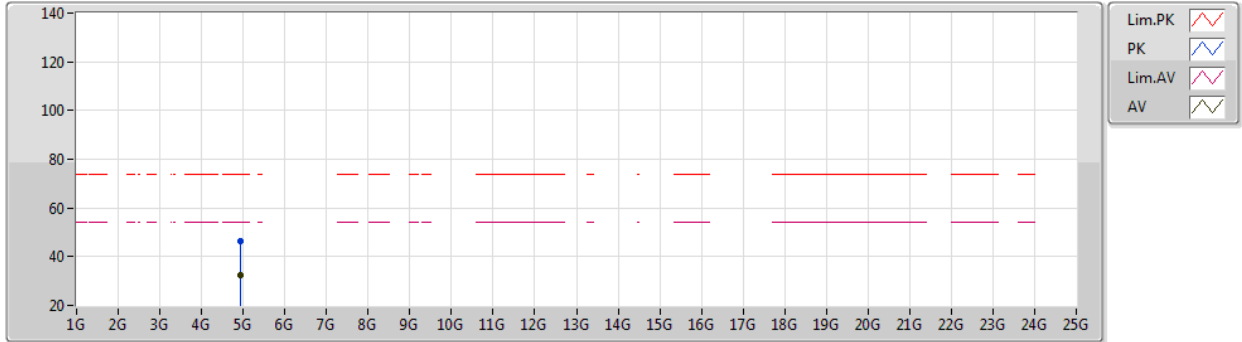
EUT Y_1TX
Setting 16
02-B-K-4

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	2.4682G	102.52	Inf	-Inf	71.62	3	Horizontal	340	1.19	-	28.47	2.43	-
AV	2.4698G	92.12	Inf	-Inf	61.21	3	Horizontal	340	1.19	-	28.48	2.43	-
PK	2.4835G	69.62	74.00	-4.38	38.65	3	Horizontal	340	1.19	-	28.53	2.44	-
AV	2.4842G	50.12	54.00	-3.88	19.14	3	Horizontal	340	1.19	-	28.54	2.44	-

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2462MHz_TX



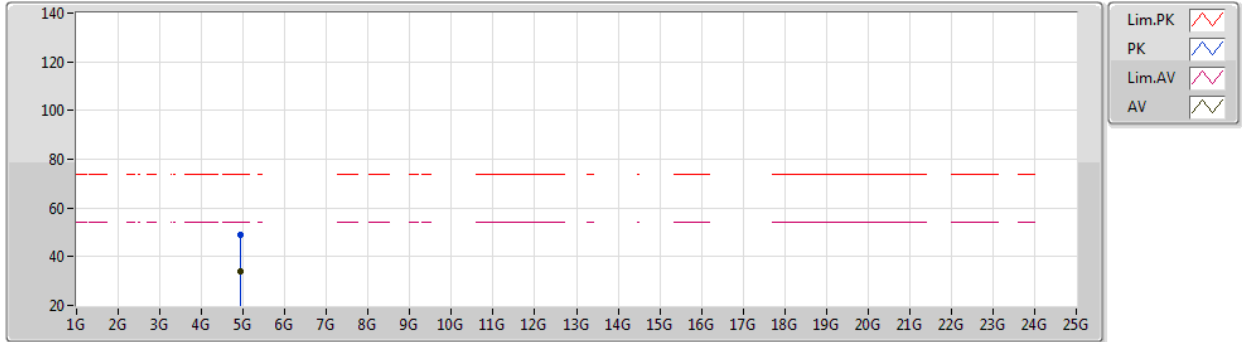
EUT X_1TX
Setting 16
02-B-K-4

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	4.92088G	46.17	74.00	-27.83	40.08	3	Vertical	306	2.30	-	33.20	4.70	31.81
AV	4.92496G	32.25	54.00	-21.75	26.16	3	Vertical	306	2.30	-	33.20	4.70	31.81

802.11n HT20_Nss1,(MCS0)_1TX

13/01/2021

2462MHz_TX



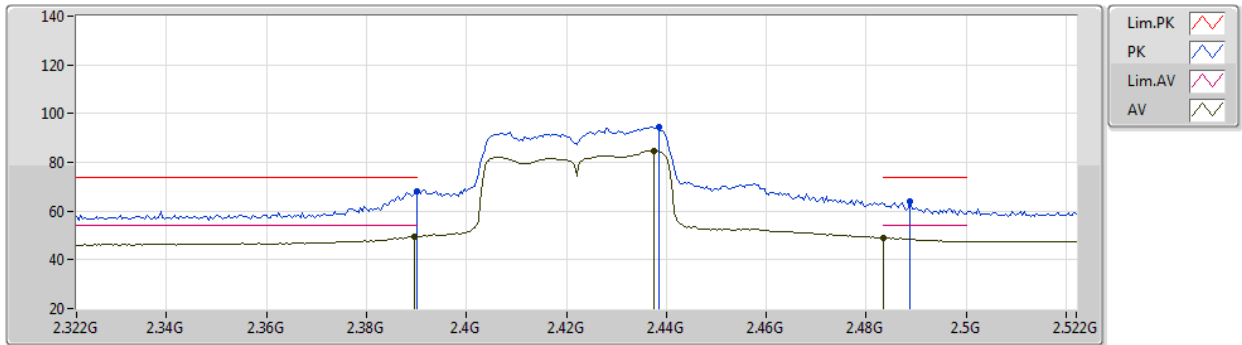
EUT X_1TX
Setting 16
02-B-K-4

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	4.92016G	49.02	74.00	-24.98	42.93	3	Horizontal	159	2.84	-	33.20	4.70	31.81
AV	4.92484G	33.81	54.00	-20.19	27.72	3	Horizontal	159	2.84	-	33.20	4.70	31.81

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2422MHz_TX



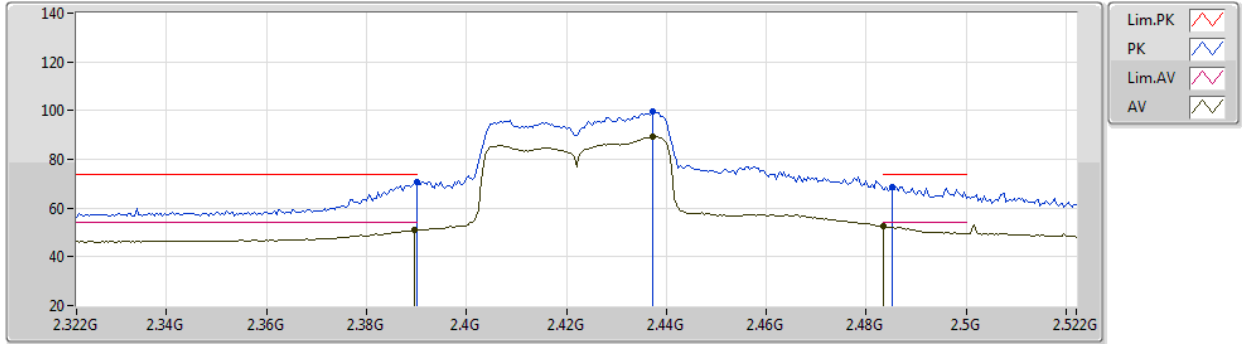
EUT Y_1TX
Setting 19
02-B-K-4

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	67.98	74.00	-6.02	37.27	3	Vertical	336	1.37	-	28.30	2.41	-
AV	2.3896G	49.71	54.00	-4.29	19.00	3	Vertical	336	1.37	-	28.30	2.41	-
PK	2.4384G	94.46	Inf	-Inf	63.66	3	Vertical	336	1.37	-	28.38	2.42	-
AV	2.4376G	84.86	Inf	-Inf	54.06	3	Vertical	336	1.37	-	28.38	2.42	-
PK	2.4888G	63.92	74.00	-10.08	32.92	3	Vertical	336	1.37	-	28.56	2.44	-
AV	2.4835G	48.84	54.00	-5.16	17.87	3	Vertical	336	1.37	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2422MHz_TX



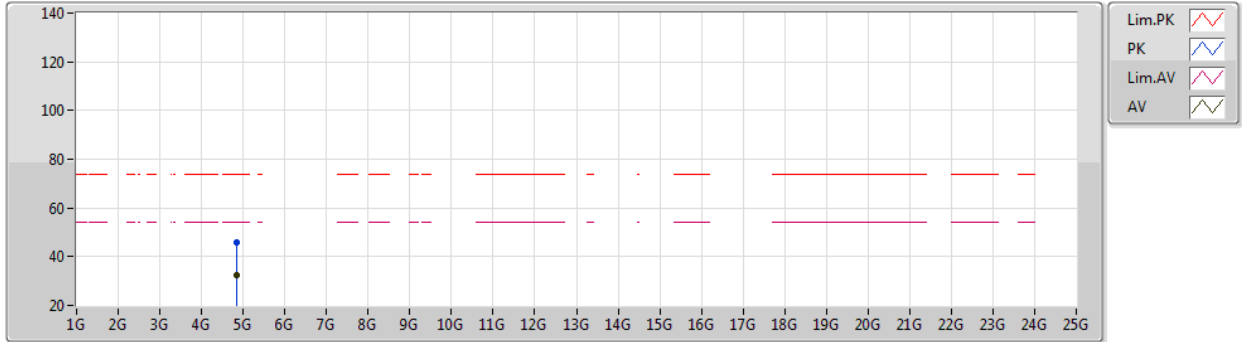
EUT Y_1TX
Setting 19
02-B-K-4

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	70.50	74.00	-3.50	39.79	3	Horizontal	337	1.20	-	28.30	2.41	-
AV	2.3896G	50.78	54.00	-3.22	20.07	3	Horizontal	337	1.20	-	28.30	2.41	-
PK	2.4372G	99.45	Inf	-Inf	68.66	3	Horizontal	337	1.20	-	28.37	2.42	-
AV	2.4372G	89.40	Inf	-Inf	58.61	3	Horizontal	337	1.20	-	28.37	2.42	-
PK	2.4852G	68.61	74.00	-5.39	37.63	3	Horizontal	337	1.20	-	28.54	2.44	-
AV	2.4835G	52.38	54.00	-1.62	21.41	3	Horizontal	337	1.20	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2422MHz_TX



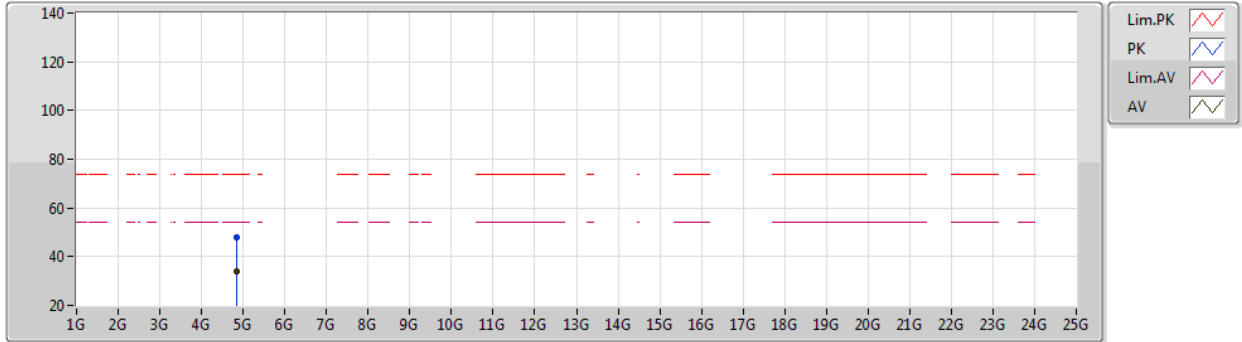
EUT X_1TX
Setting 19
02-B-K-4

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	4.84436G	45.96	74.00	-28.04	40.06	3	Vertical	219	1.75	-	32.98	4.70	31.78
AV	4.84508G	32.19	54.00	-21.81	26.29	3	Vertical	219	1.75	-	32.98	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2422MHz_TX



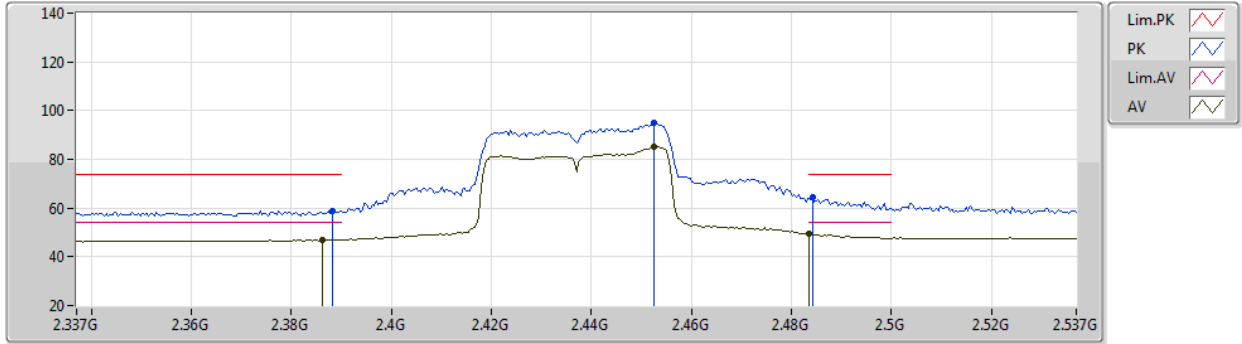
EUT X_1TX
Setting 19
02-B-K-4

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	4.85432G	47.82	74.00	-26.18	41.89	3	Horizontal	159	2.92	-	33.02	4.70	31.79
AV	4.84388G	34.22	54.00	-19.78	28.32	3	Horizontal	159	2.92	-	32.98	4.70	31.78

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



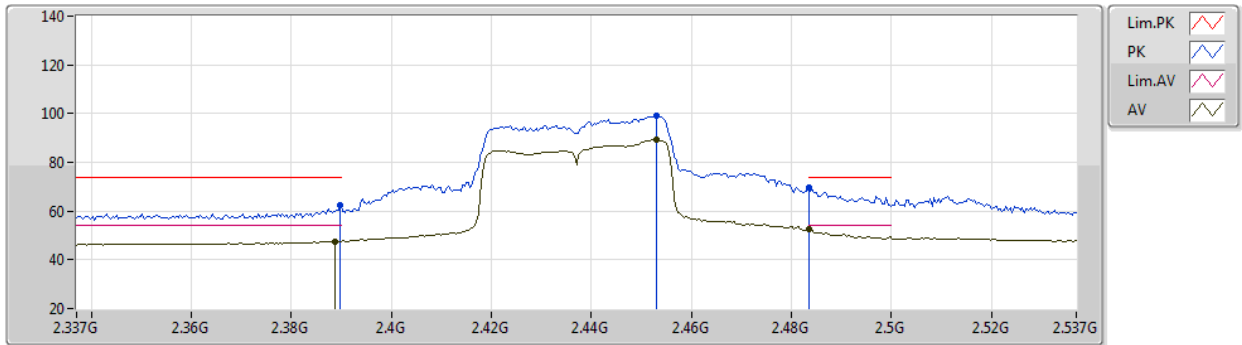
EUT Y_1TX
Setting 18
02-B-K-4

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	58.86	74.00	-15.14	28.15	3	Vertical	347	1.28	-	28.30	2.41	-
AV	2.3862G	47.08	54.00	-6.92	16.37	3	Vertical	347	1.28	-	28.30	2.41	-
PK	2.4526G	94.80	Inf	-Inf	63.96	3	Vertical	347	1.28	-	28.41	2.43	-
AV	2.4526G	85.06	Inf	-Inf	54.22	3	Vertical	347	1.28	-	28.41	2.43	-
PK	2.4842G	64.39	74.00	-9.61	33.41	3	Vertical	347	1.28	-	28.54	2.44	-
AV	2.4835G	49.28	54.00	-4.72	18.31	3	Vertical	347	1.28	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



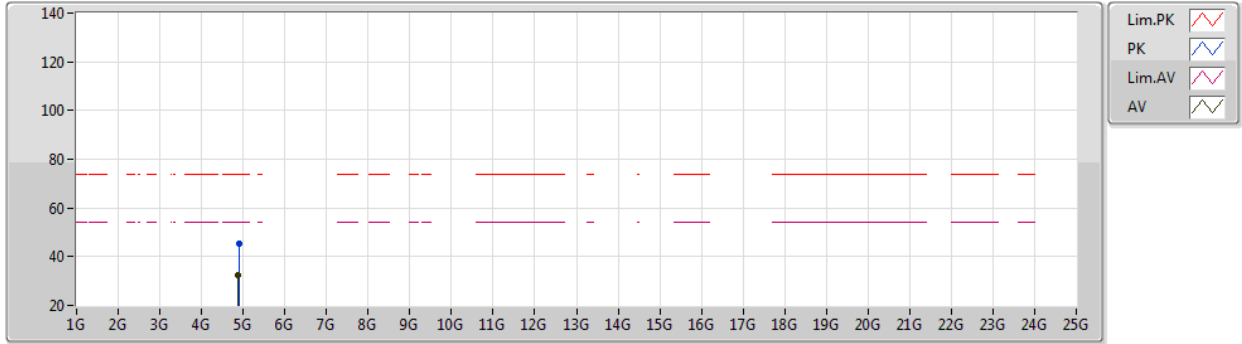
EUT Y_1TX
Setting 18
02-B-K-4

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	62.32	74.00	-11.68	31.61	3	Horizontal	337	1.27	-	28.30	2.41	-
AV	2.3886G	47.63	54.00	-6.37	16.92	3	Horizontal	337	1.27	-	28.30	2.41	-
PK	2.453G	99.01	Inf	-Inf	68.17	3	Horizontal	337	1.27	-	28.41	2.43	-
AV	2.453G	89.32	Inf	-Inf	58.48	3	Horizontal	337	1.27	-	28.41	2.43	-
PK	2.4835G	69.41	74.00	-4.59	38.44	3	Horizontal	337	1.27	-	28.53	2.44	-
AV	2.4835G	52.36	54.00	-1.64	21.39	3	Horizontal	337	1.27	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



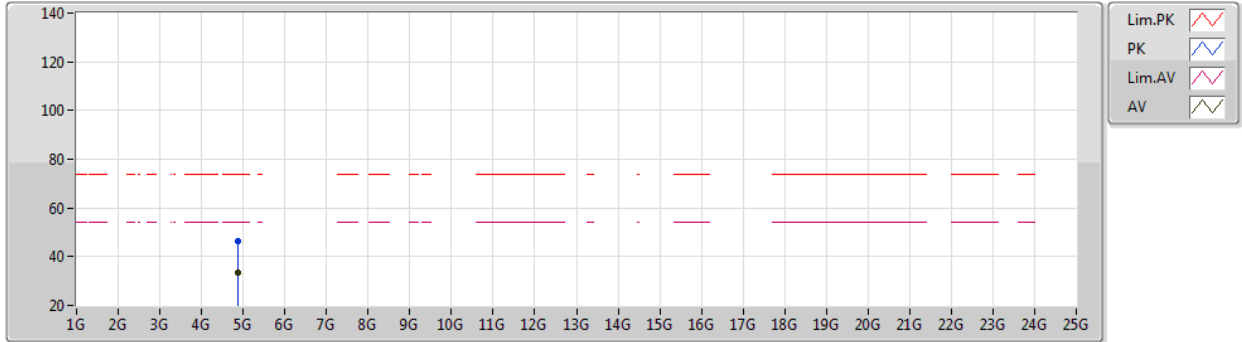
EUT X_1TX
Setting 18
02-B-K-4

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	4.8938G	45.45	74.00	-28.55	39.37	3	Vertical	302	1.00	-	33.18	4.70	31.80
AV	4.87268G	32.48	54.00	-21.52	26.48	3	Vertical	302	1.00	-	33.09	4.70	31.79

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2437MHz_TX



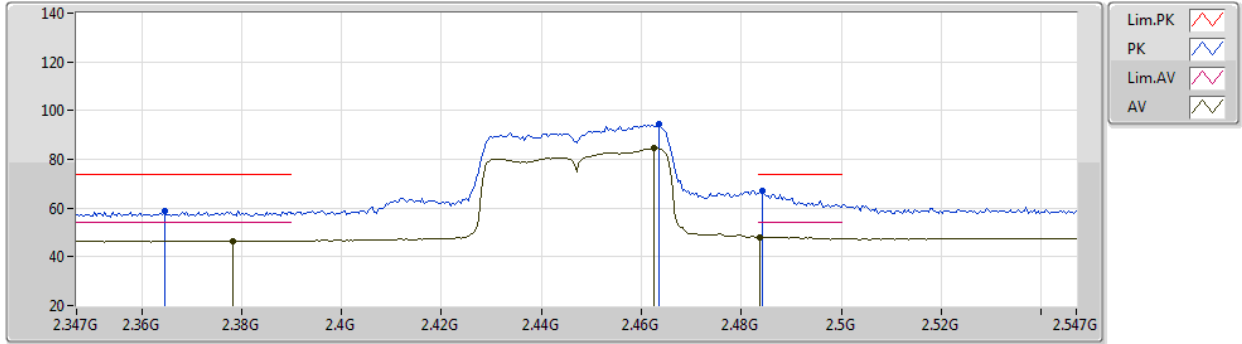
EUT X_1TX
Setting 18
02-B-K-4

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	4.87508G	46.55	74.00	-27.45	40.55	3	Horizontal	192	1.00	-	33.10	4.70	31.80
AV	4.87316G	33.54	54.00	-20.46	27.54	3	Horizontal	192	1.00	-	33.09	4.70	31.79

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2447MHz_TX



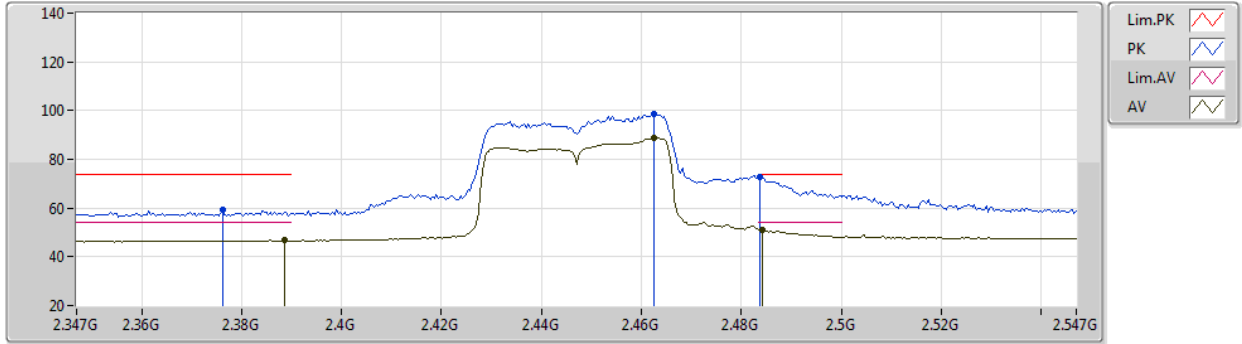
EUT Y_1TX
Setting 16
02-B-K-4

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	2.3646G	58.94	74.00	-15.06	28.22	3	Vertical	16	1.06	-	28.30	2.42	-
AV	2.3782G	46.58	54.00	-7.42	15.87	3	Vertical	16	1.06	-	28.30	2.41	-
PK	2.4634G	94.61	Inf	-Inf	63.73	3	Vertical	16	1.06	-	28.45	2.43	-
AV	2.4626G	84.62	Inf	-Inf	53.74	3	Vertical	16	1.06	-	28.45	2.43	-
PK	2.4842G	66.84	74.00	-7.16	35.86	3	Vertical	16	1.06	-	28.54	2.44	-
AV	2.4838G	48.12	54.00	-5.88	17.14	3	Vertical	16	1.06	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2447MHz_TX



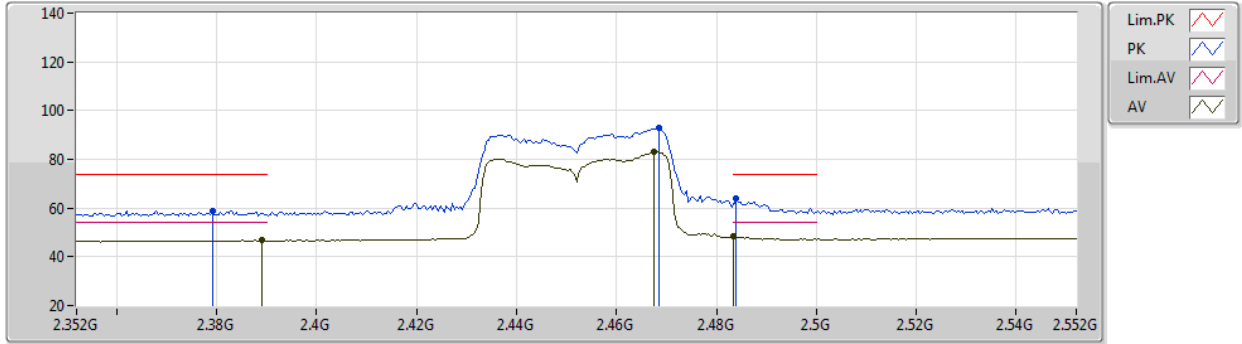
EUT Y_1TX
Setting 16
02-B-K-4

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	2.3762G	59.40	74.00	-14.60	28.69	3	Horizontal	322	1.17	-	28.30	2.41	-
AV	2.3886G	46.65	54.00	-7.35	15.94	3	Horizontal	322	1.17	-	28.30	2.41	-
PK	2.4626G	98.74	Inf	-Inf	67.86	3	Horizontal	322	1.17	-	28.45	2.43	-
AV	2.4626G	88.70	Inf	-Inf	57.82	3	Horizontal	322	1.17	-	28.45	2.43	-
PK	2.4838G	72.75	74.00	-1.25	41.77	3	Horizontal	322	1.17	-	28.54	2.44	-
AV	2.4842G	50.93	54.00	-3.07	19.95	3	Horizontal	322	1.17	-	28.54	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2452MHz_TX



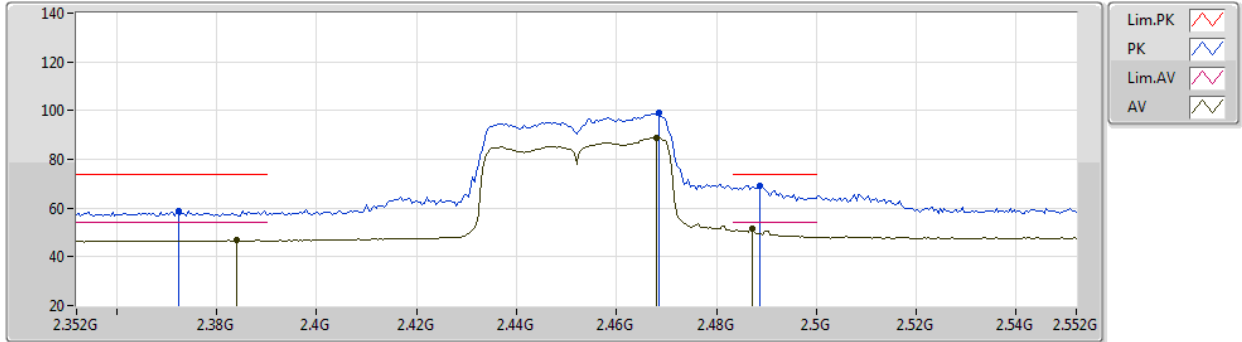
EUT Y_1TX
Setting 15
02-B-K-4

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	2.3792G	58.69	74.00	-15.31	27.98	3	Vertical	260	1.28	-	28.30	2.41	-
AV	2.3892G	46.73	54.00	-7.27	16.02	3	Vertical	260	1.28	-	28.30	2.41	-
PK	2.4684G	92.97	Inf	-Inf	62.07	3	Vertical	260	1.28	-	28.47	2.43	-
AV	2.4676G	83.04	Inf	-Inf	52.14	3	Vertical	260	1.28	-	28.47	2.43	-
PK	2.484G	63.85	74.00	-10.15	32.87	3	Vertical	260	1.28	-	28.54	2.44	-
AV	2.4835G	48.21	54.00	-5.79	17.24	3	Vertical	260	1.28	-	28.53	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2452MHz_TX



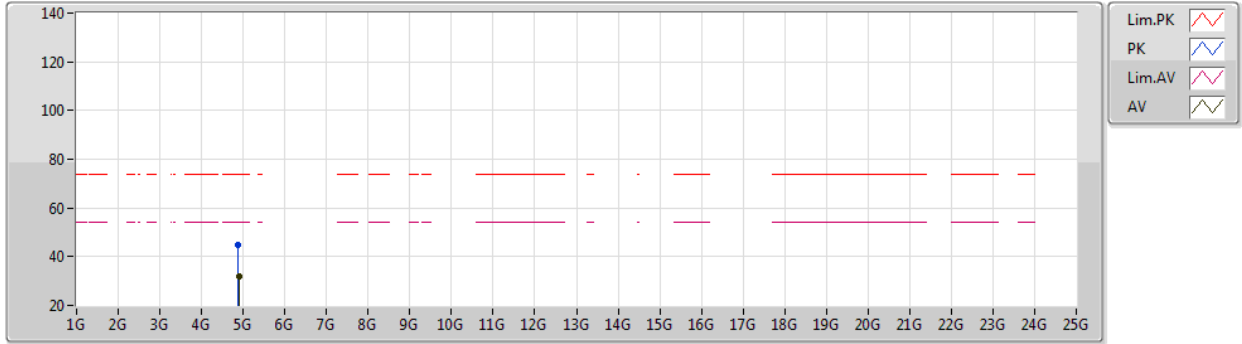
EUT Y_1TX
Setting 15
02-B-K-4

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	2.3724G	58.93	74.00	-15.07	28.22	3	Horizontal	342	1.21	-	28.30	2.41	-
AV	2.384G	46.72	54.00	-7.28	16.01	3	Horizontal	342	1.21	-	28.30	2.41	-
PK	2.4684G	98.95	Inf	-Inf	68.05	3	Horizontal	342	1.21	-	28.47	2.43	-
AV	2.468G	89.04	Inf	-Inf	58.14	3	Horizontal	342	1.21	-	28.47	2.43	-
PK	2.4888G	69.27	74.00	-4.73	38.27	3	Horizontal	342	1.21	-	28.56	2.44	-
AV	2.4872G	51.42	54.00	-2.58	20.43	3	Horizontal	342	1.21	-	28.55	2.44	-

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2452MHz_TX



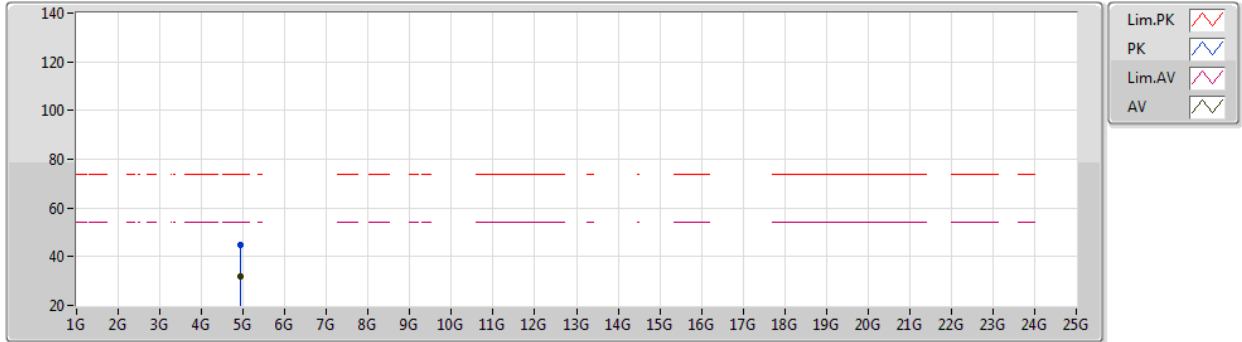
EUT X_1TX
Setting 15
02-B-K-4

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	4.87712G	44.61	74.00	-29.39	38.60	3	Vertical	24	1.00	-	33.11	4.70	31.80
AV	4.8968G	31.66	54.00	-22.34	25.57	3	Vertical	24	1.00	-	33.19	4.70	31.80

802.11n HT40_Nss1,(MCS0)_1TX

13/01/2021

2452MHz_TX



EUT X_1TX
Setting 15
02-B-K-4

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	4.92296G	44.99	74.00	-29.01	38.90	3	Horizontal	198	1.21	-	33.20	4.70	31.81
AV	4.92776G	31.85	54.00	-22.15	25.76	3	Horizontal	198	1.21	-	33.20	4.70	31.81