



FCC RADIO TEST REPORT

FCC ID : RAX-AIOS5V
Equipment : HEOS 5.X Platform Module
Brand Name : Arcadyan
Model Name : WN9722BAC22-DM (AIOS5.0V)
Applicant : Arcadyan Technology Corporation
No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan
Manufacturer : Arcadyan Technology Corporation
No.8, Sec.2, Guangfu Rd., Hsinchu, 30071 Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 10, 2020, and testing was started from Jan. 13, 2020 and completed on Feb. 13, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 Test Configuration of EUT	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration.....	11
2.3 EUT Operation during Test	13
2.4 Accessories	13
2.5 Support Equipment.....	14
2.6 Test Setup Diagram	15
3 Transmitter Test Result	18
3.1 AC Power-line Conducted Emissions	18
3.2 DTS Bandwidth	20
3.3 Maximum Conducted Output Power	21
3.4 Power Spectral Density	24
3.5 Emissions in Non-restricted Frequency Bands	26
3.6 Emissions in Restricted Frequency Bands.....	27
4 Test Equipment and Calibration Data	31
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	
Appendix D. Test Results of Power Spectral Density	
Appendix E. Test Results of Emissions in Non-restricted Frequency Bands	
Appendix F. Test Results of Emissions in Restricted Frequency Bands	
Appendix G. Test Results of Radiated Emission Co-location	
Appendix H. Test Photos	
Appendix I. Photographs of EUT	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.0



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:

None

Reviewed by: Sam Chen

Report Producer: Viola Huang



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	2
2.4-2.4835GHz	802.11g	20	2
2.4-2.4835GHz	802.11n HT20	20	2
2.4-2.4835GHz	802.11n HT40	40	2

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.
- ♦ Nss-Min is the minimum number of spatial streams.
- ♦ Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Set	Port	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	1, 2	Airgain	N2420DG3-T2L-PK1-G30U	PIFA Antenna	I-PEX	Note 1
2	1, 2	Airgain	N2420DG3-T2L-PK1-G100U	PIFA Antenna	I-PEX	
3	1, 2	Airgain	N2420DG3-T2L-PK1-G600U	PIFA Antenna	I-PEX	
4	1, 2	Airgain	N2425D-T2L-PK1-G30U	PIFA Antenna	I-PEX	
5	1, 2	Airgain	N2425D-T2R-PK1-G150U	PIFA Antenna	I-PEX	
6	1, 2	Airgain	N2425D-T2R-PK1-G30U	PIFA Antenna	I-PEX	
7	1, 2	Airgain	N2425D-T2R-PK1-G500U	PIFA Antenna	I-PEX	
8	1, 2	LITE	503021-0123-0BC	Dipole Antenna	I-PEX	
9	1, 2	LITE	501301-0019-1BC (300mm antenna cable: 510411-5210-24C)	Dipole Antenna	I-PEX	
10	1, 2	LITE	501301-0019-1BC (500mm antenna cable: 510411-5300-23C)	Dipole Antenna	I-PEX	

Note 1:

Set	Port	Antenna Gain (dBi)			Cable Loss (dB)			True Gain (dBi)		
		WLAN 2.4GHz	WLAN 5GHz	BT	WLAN 2.4GHz	WLAN 5GHz	BT	WLAN 2.4GHz	WLAN 5GHz	BT
1	1, 2	3.1	3.66	3.1	0.105	0.147	0.105	2.995	3.513	2.995
2	1, 2	3.1	3.66	-	0.35	0.49	-	2.75	3.17	2.75
3	1, 2	3.1	3.66	-	2.1	2.94	-	1	0.72	1
4	1, 2	1.9	3.5	-	0.105	0.147	-	1.795	3.353	1.795
5	1, 2	1.9	3.5	-	0.525	0.735	-	1.375	2.765	1.375
6	1, 2	1.9	3.5	-	0.105	0.147	-	1.795	3.353	1.795
7	1, 2	1.9	3.5	-	1.75	2.45	-	0.15	1.05	0.15
8	1, 2	-	-	-	-	-	-	2.55	2.35	2.55
9	1, 2	3.48	4.29	3.48	0.72	1.66	0.72	2.76	2.63	2.76
10	1, 2	3.48	4.29	3.48	1.49	1.7	1.49	1.99	2.59	1.99



Note 2: The above information was declared by manufacturer.

Note 3: The EUT has ten sets of antenna, and each set contains two antennas.

Note 4: For AC power-line conducted emissions and Emissions in Restricted Frequency Bands items, the highest gain antennas "set 1" and "set 9" were tested and recorded in the report. For the other items only the highest gain antennas "set 1" was tested and recorded in the report.

<For WLAN 2.4GHz Band>

For IEEE 802.11b/g/n mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

Port 1 and Port 2 can be used as transmitting/receiving antennas.

<For WLAN 5GHz Band>

For IEEE 802.11a/n/ac mode <2TX/2RX>:

Port 1 and Port 2 will transmit/receive the same signal simultaneously.

Port 1 and Port 2 can be used as transmitting/receiving antennas.

<For Bluetooth>

For bluetooth mode <1TX/1RX>:

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.499	3.02	657.5u	3k
802.11g	0.951	0.22	2.065m	1k
802.11n HT20	0.954	0.2	1.921m	1k
802.11n HT40	0.905	0.43	945u	3k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MTool_2.0.1.6			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
☒	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Brian Sun	22.6~23.3°C / 57~61%	Jan. 13, 2020 ~ Jan. 17, 2020
Radiated below 1GHz	03CH05-CB	KJ Chang	14.7~15.1°C / 53~55%	Jan. 13, 2020
Radiated above 1GHz	03CH04-CB	Caster Chang	22.2~24.1°C / 57~60%	Jan. 13, 2020 ~ Feb. 13, 2020
	03CH05-CB	Kevin Huang	22.5~24.5°C / 57~61%	Jan. 13, 2020 ~ Feb. 13, 2020
AC Conduction	CO02-CB	Max Lin	22~23°C / 58~59%	Jan. 16, 2020

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

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 (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	61
2417MHz	66
2437MHz	74
2462MHz	65
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	51
2417MHz	58
2437MHz	63
2462MHz	58
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	58
2437MHz	63
2462MHz	57
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	38
2437MHz	47
2452MHz	54

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 in Z axis_WLAN 2.4G + Bluetooth + antenna set 1
2	EUT in Z axis_WLAN 5G + Bluetooth + antenna set 1
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Z axis_WLAN 2.4G + Bluetooth + antenna set 9
For operating mode 3 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
Operating Mode	CTX
1	EUT + antenna set 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in Z axis_WLAN 2.4G + Bluetooth + antenna set 1
2	EUT in Z axis_WLAN 5G + Bluetooth + antenna set 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Z axis_WLAN 5G + Bluetooth + antenna set 9
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + antenna set 1
2	EUT in Y axis + antenna set 9

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link 1. The EUT was performed at X axis, Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz and the worst case was found at Y axis. So the measurement will follow this same test configuration. 2. The EUT was performed at antenna set 1 and set 2 for Emissions in Restricted Frequency Bands above 1GHz and the worst case was found at antenna set 1. So the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 2.4GHz + Bluetooth + antenna set 1
2	EUT in Y axis_WLAN 5GHz + Bluetooth + antenna set 1
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + Bluetooth + antenna set 1
2	WLAN 5GHz + Bluetooth + antenna set 1
Refer to Sporton Test Report No.: FA010205 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	Fixture	Arcadyan	WN9722A-DM Test Jig	N/A
B	LAN NB	DELL	E6430	N/A
C	AP router	ASUS	RP-N53	MSQ-RPN53
D	AP NB	DELL	E6430	N/A
E	Bluetooth test set	Anritsu	MT8852B	N/A

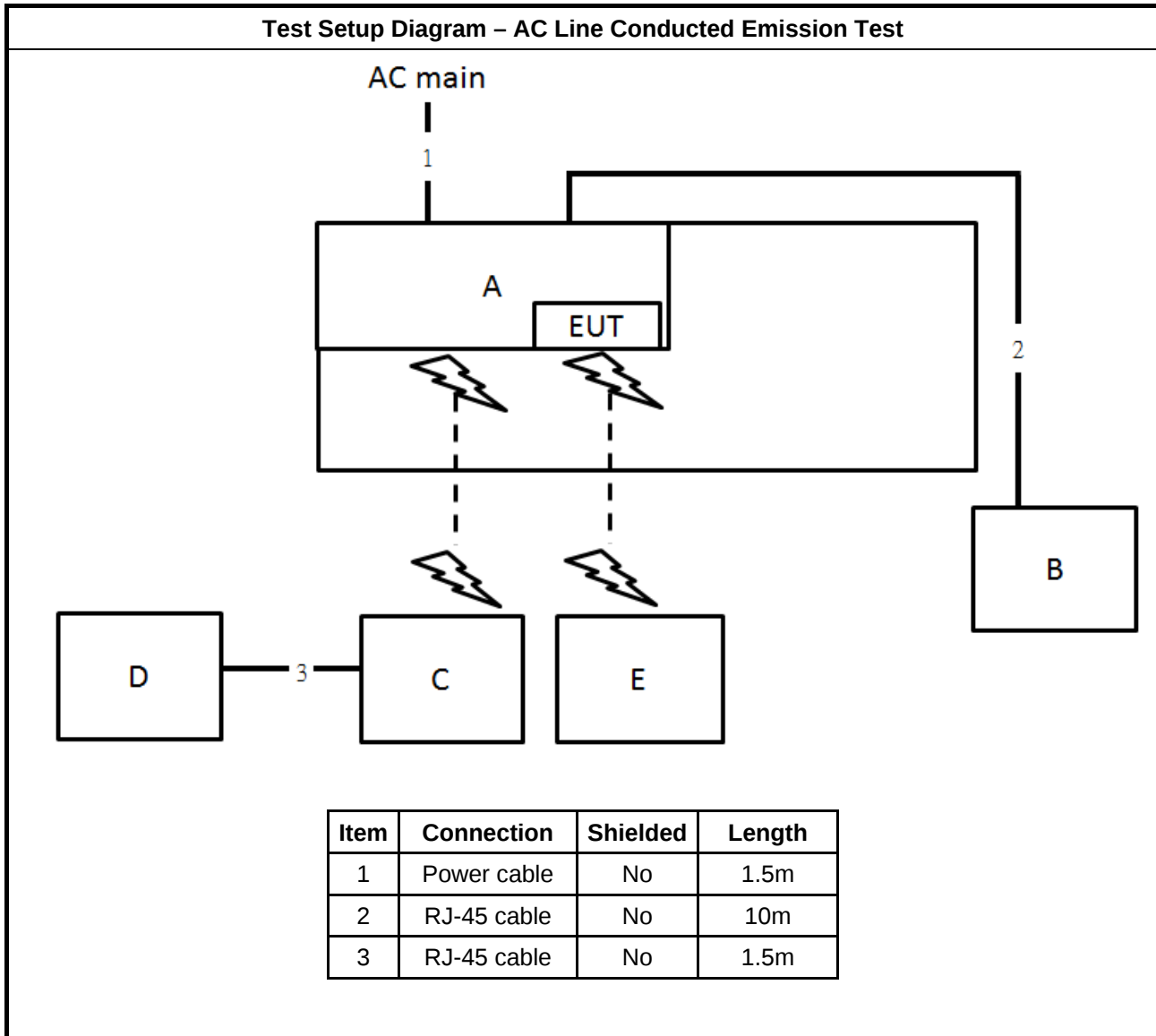
For Radiated (below 1GHz):

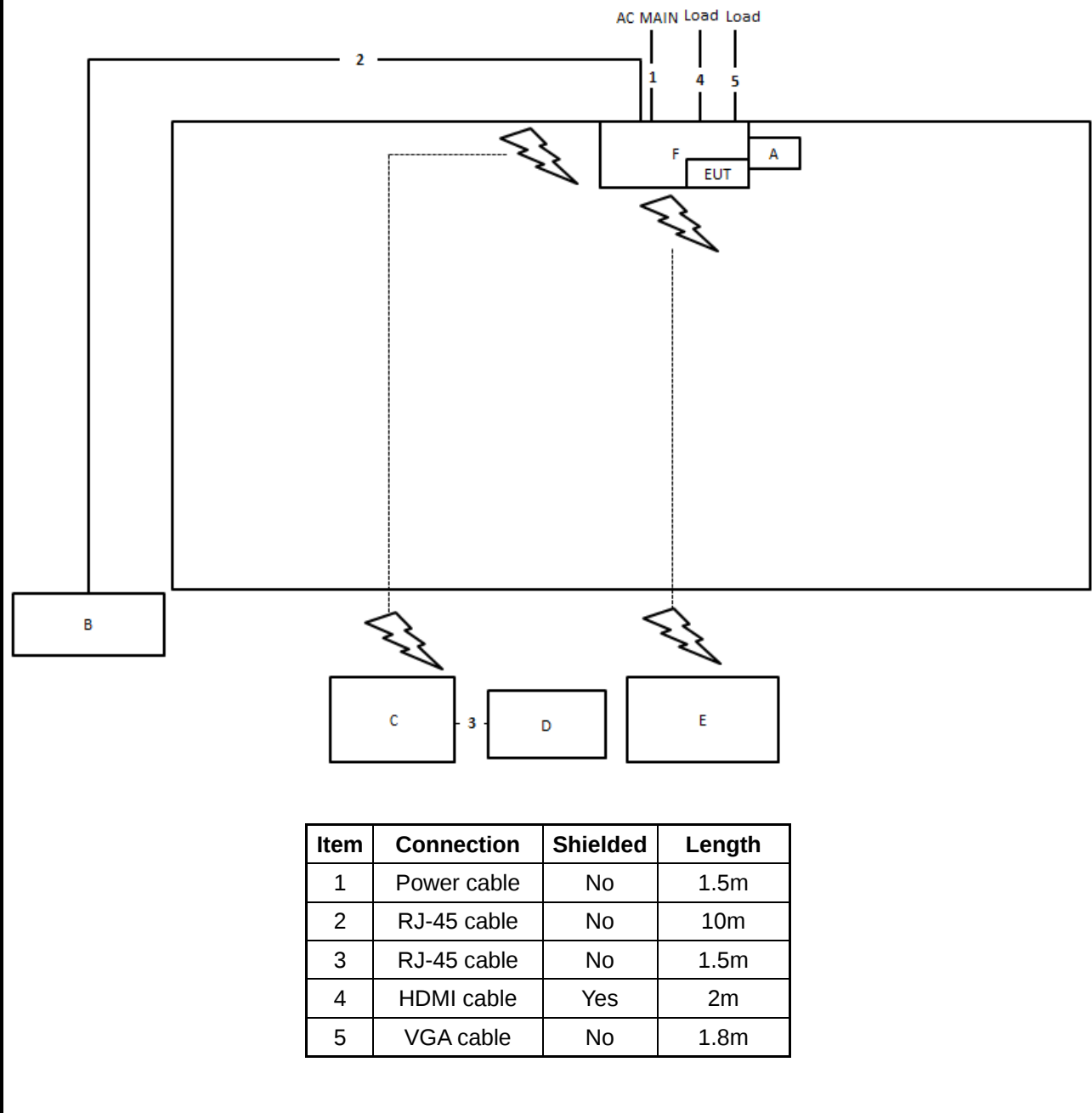
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Flash disk3.0	Silicon Power	B06	N/A
B	NB	DELL	E4300	N/A
C	Rx-Device	ASUS	AX88U	N/A
D	NB	DELL	E4300	N/A
E	Bluetooth Test set	Anritsu	MT8852B	N/A
F	Fixture	Arcadyan	WN9722A-DM Test Jig	N/A

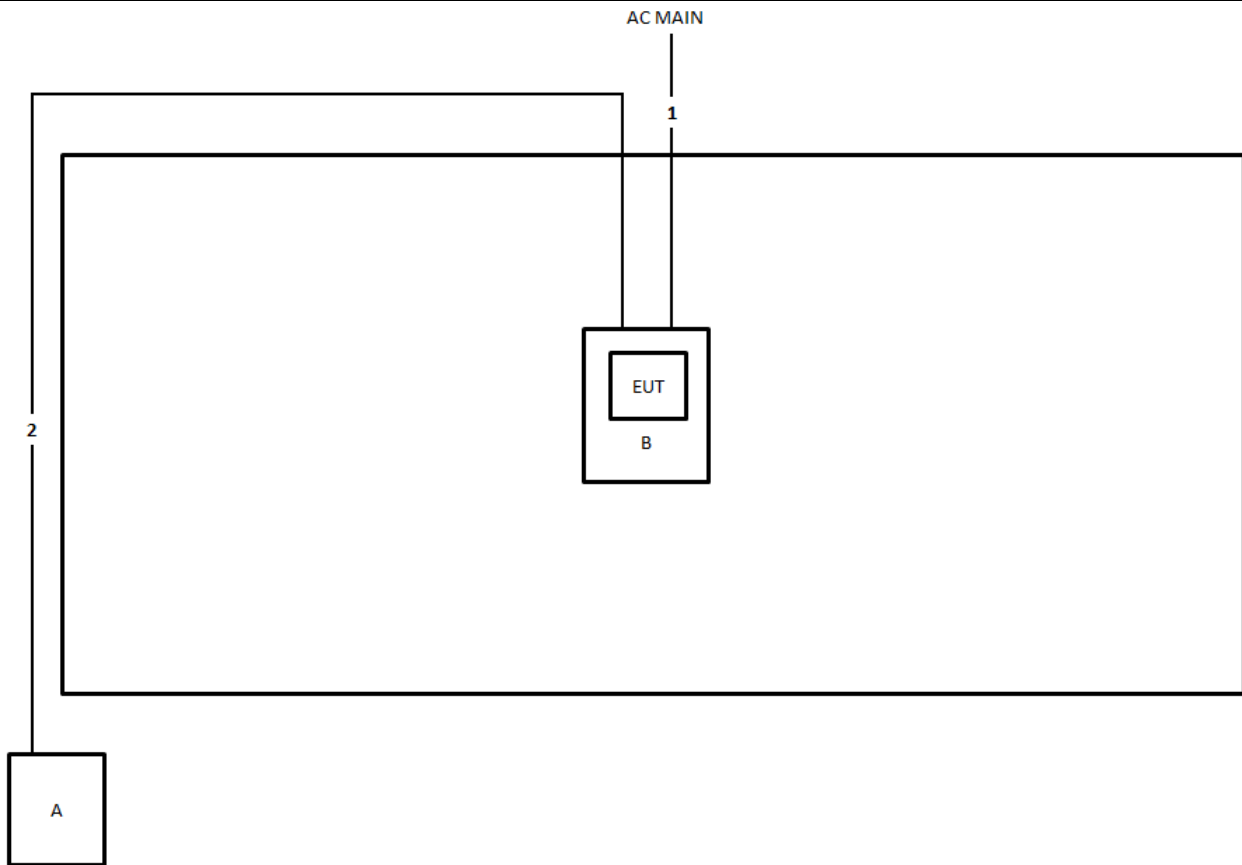
For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	Arcadyan	WN9722A-DM Test Jig	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

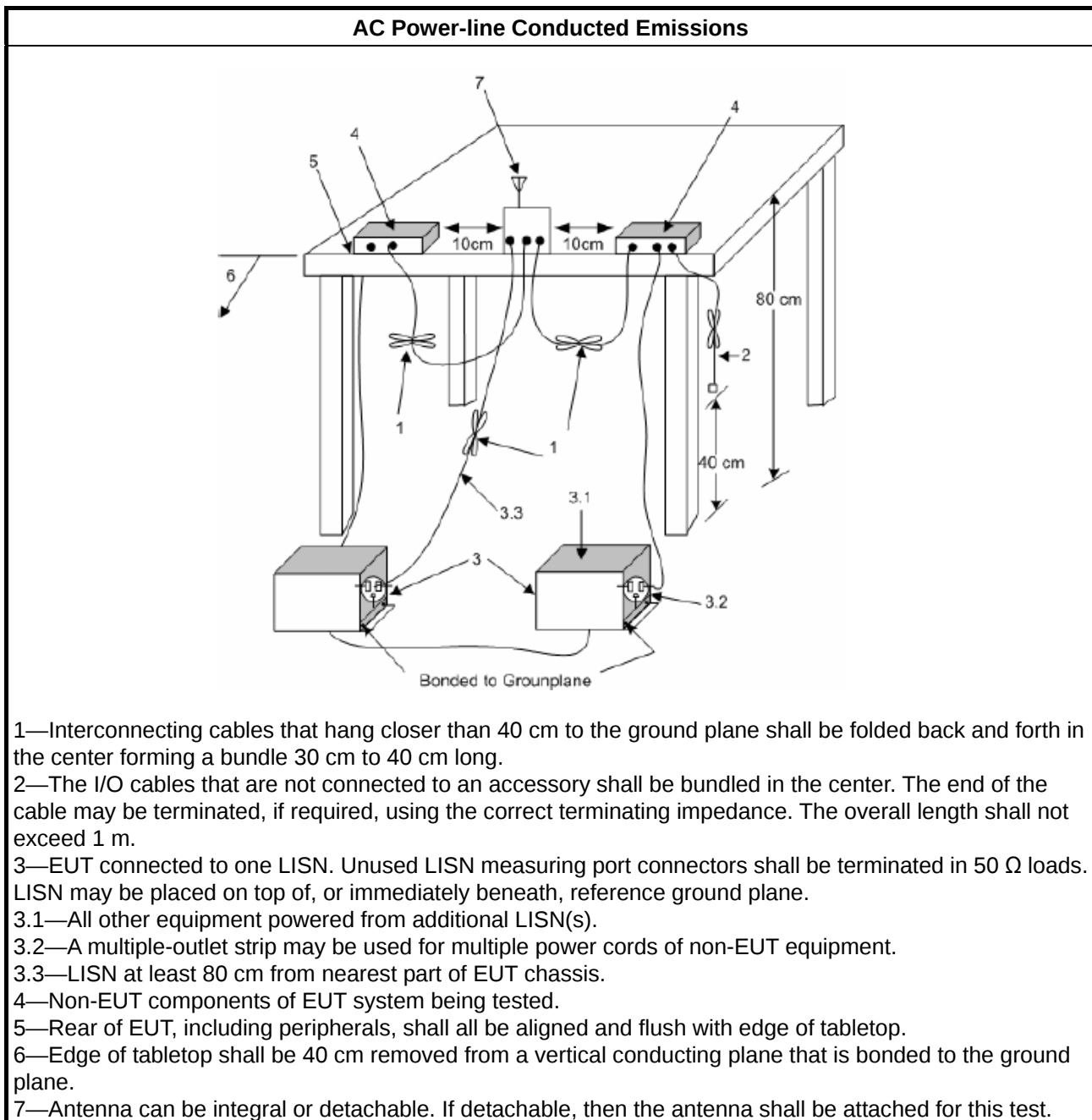
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

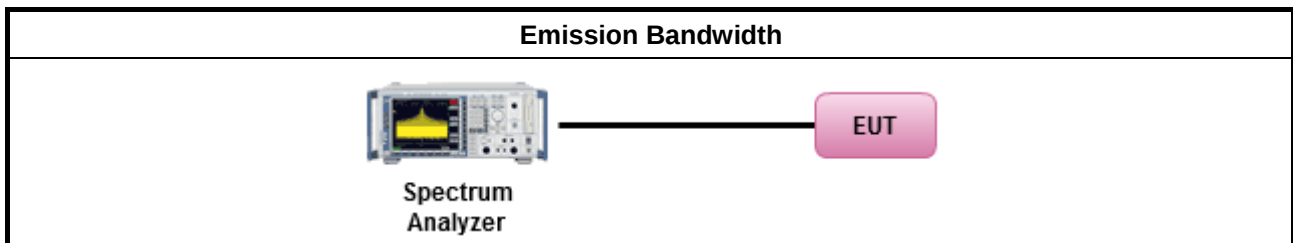
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

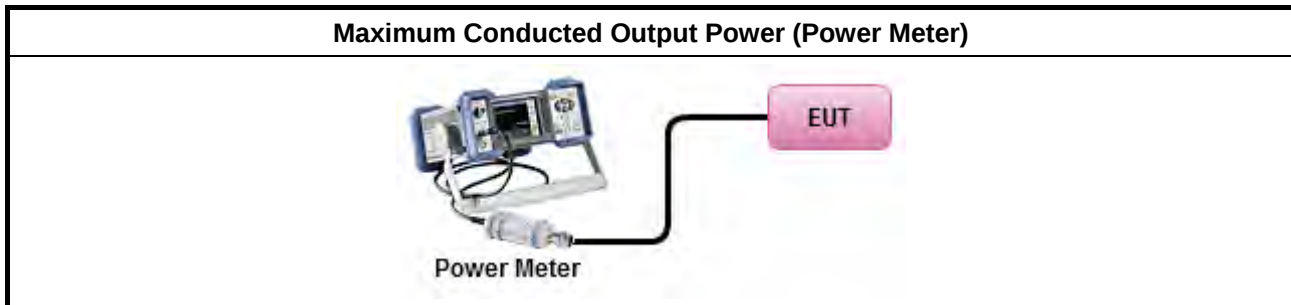
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

3.4.2 Measuring Instruments

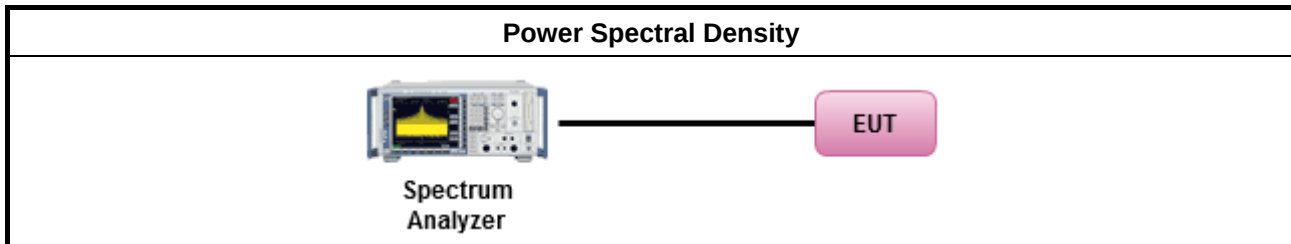
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD. [duty cycle $\geq 98\%$ or external video / power trigger]
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPS-1.
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPS-2.
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPS-3.
duty cycle $< 98\%$ and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPS-1A. (alternative).
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPS-2A. (alternative)
☐	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.8 Method AVGPS-3A. (alternative)
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,

- | | |
|--|--|
| | ☐ Option 3: Measure and add $10 \log(N)$ dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with $10 \log(N)$. Or each transmit chains shall be add $10 \log(N)$ to compared with the limit. |
|--|--|

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

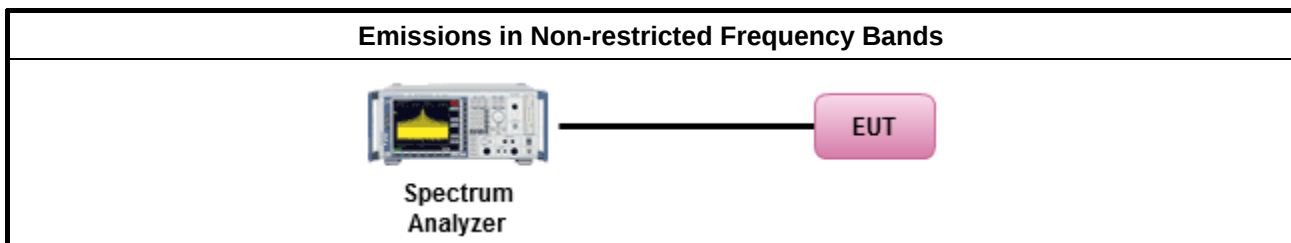
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

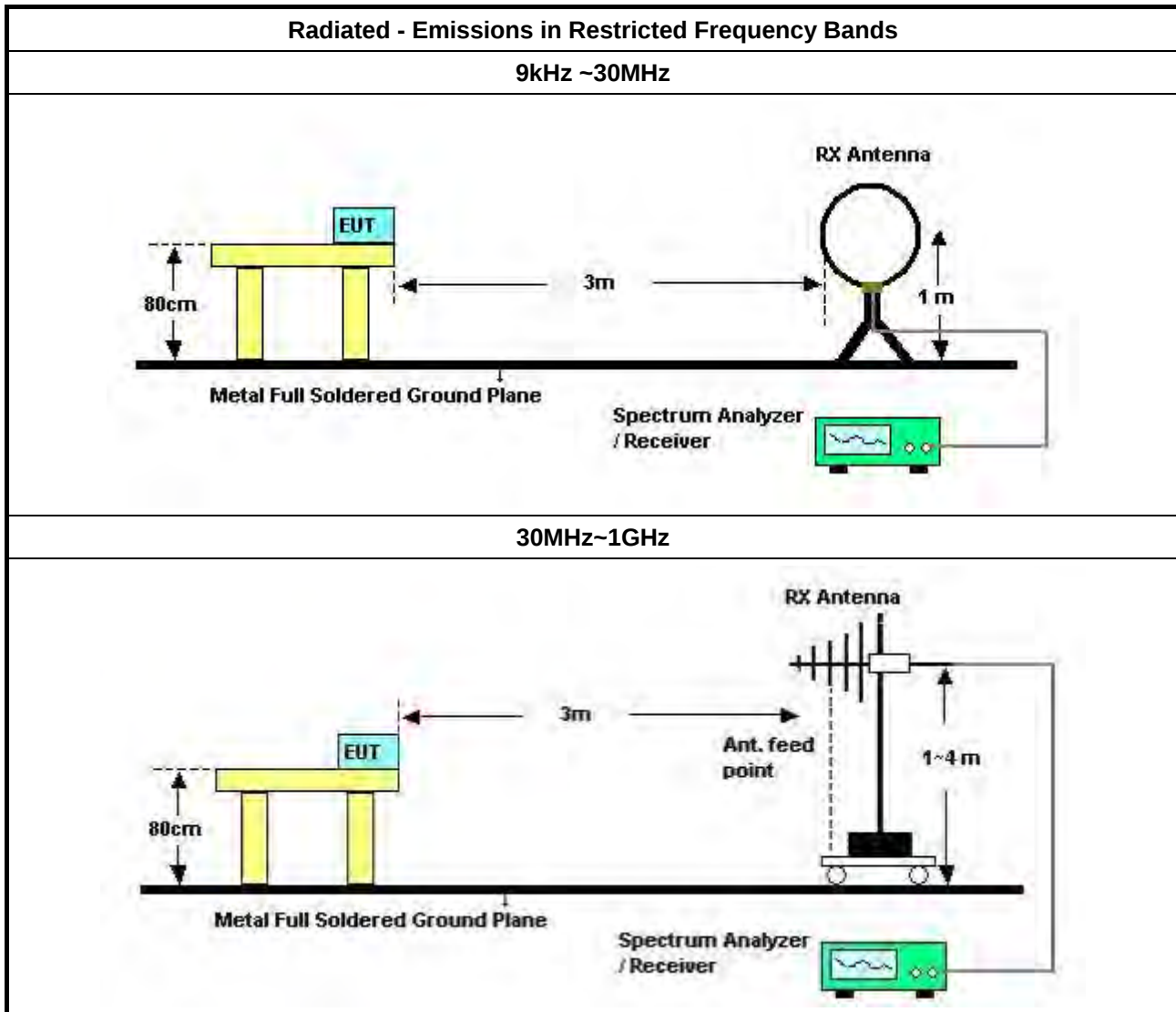
Refer a test equipment and calibration data table in this test report.

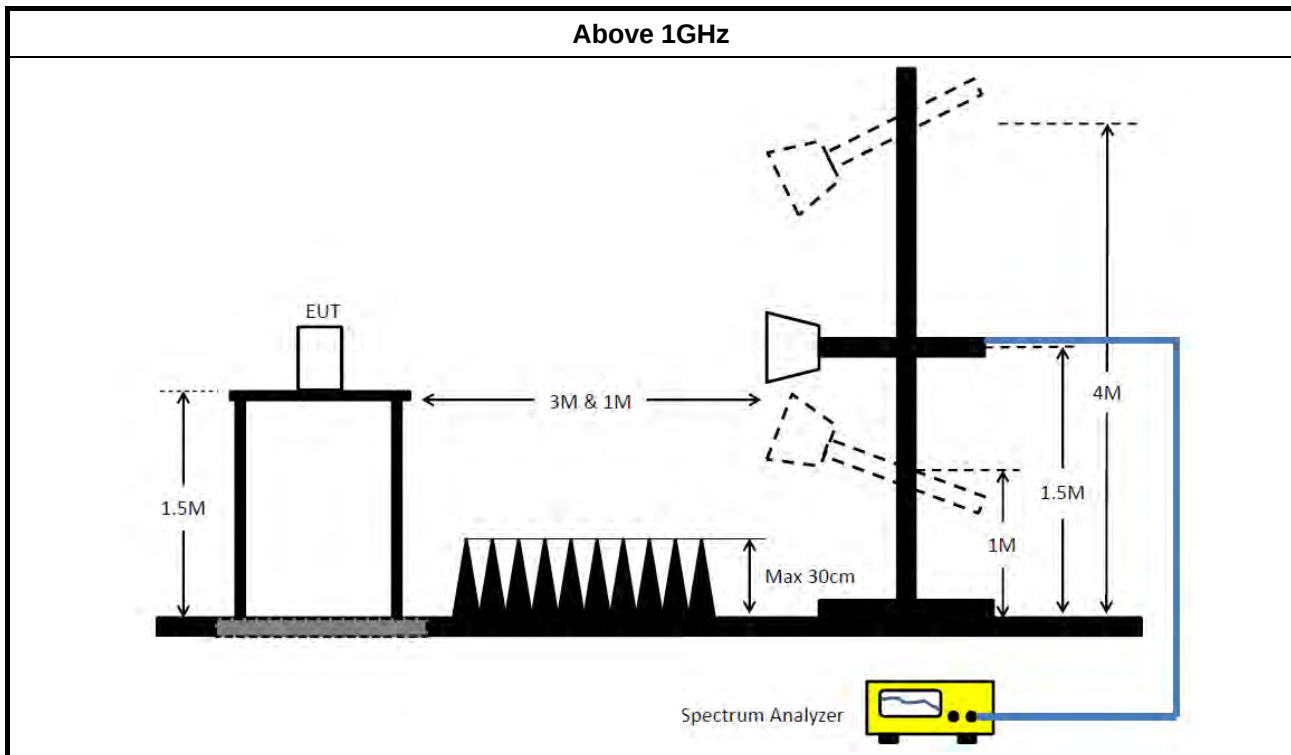


3.6.3 Test Procedures

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

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = 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 10 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	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY54130031	9kHz ~ 8.45GHz	Nov. 08, 2019	Nov. 07, 2020	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBEC K	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Apr. 16, 2019	Apr. 15, 2020	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)

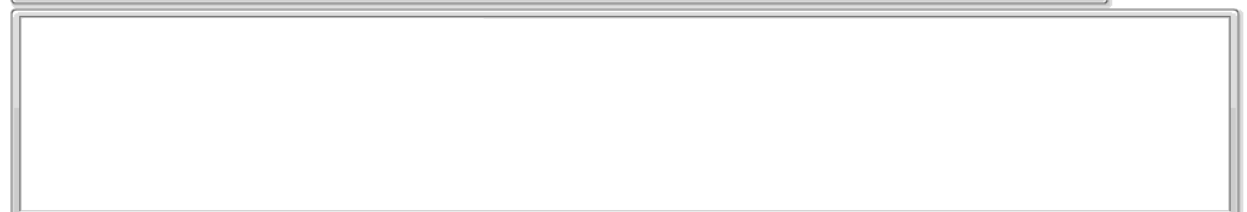
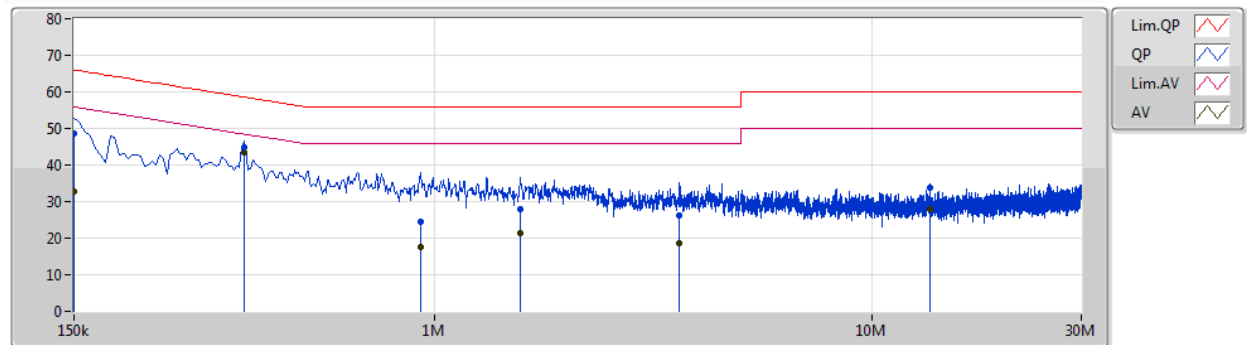


Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

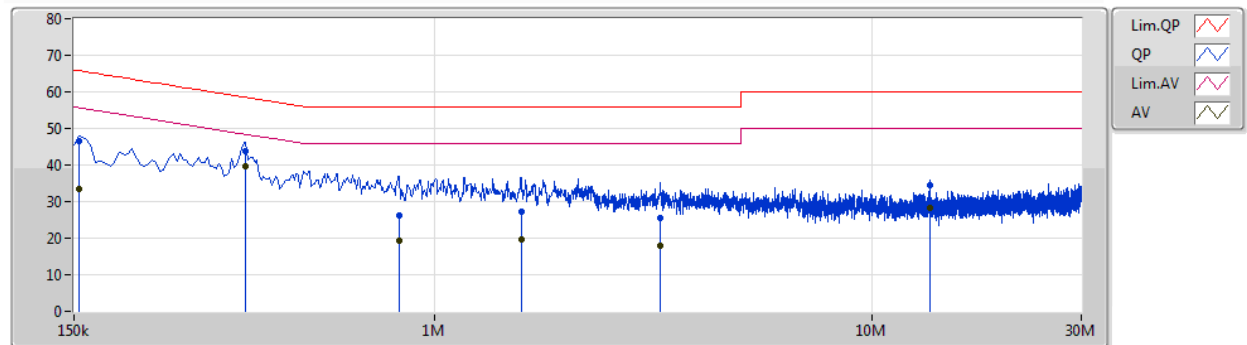
N.C.R means Non-Calibration required.

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	150k	48.79	66.00	-17.21	10.20	Line	-	38.59	0.05	0.05	10.10			
AV	150k	32.85	56.00	-23.15	10.20	Line	-	22.65	0.05	0.05	10.10			
QP	366k	44.78	58.60	-13.82	10.23	Line	-	34.55	0.05	0.08	10.10			
AV	366k	43.32	48.60	-5.28	10.23	Line	"Worst"	33.09	0.05	0.08	10.10			
QP	928.5k	24.60	56.00	-31.40	10.28	Line	-	14.32	0.06	0.12	10.10			
AV	928.5k	17.63	46.00	-28.37	10.28	Line	-	7.35	0.06	0.12	10.10			
QP	1.568M	27.77	56.00	-28.23	10.33	Line	-	17.44	0.08	0.15	10.10			
AV	1.568M	21.26	46.00	-24.74	10.33	Line	-	10.93	0.08	0.15	10.10			
QP	3.62M	26.24	56.00	-29.76	10.37	Line	-	15.87	0.12	0.15	10.10			
AV	3.62M	18.61	46.00	-27.39	10.37	Line	-	8.24	0.12	0.15	10.10			
QP	13.56M	33.69	60.00	-26.31	10.61	Line	-	23.08	0.30	0.20	10.11			
AV	13.56M	28.05	50.00	-21.95	10.61	Line	-	17.44	0.30	0.20	10.11			

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	AF (dB)	CL (dB)	AT (dB)			
QP	154.5k	46.55	65.75	-19.20	10.21	Neutral	-	36.34	0.05	0.06	10.10			
AV	154.5k	33.54	55.75	-22.21	10.21	Neutral	-	23.33	0.05	0.06	10.10			
QP	370.5k	43.74	58.49	-14.75	10.23	Neutral	-	33.51	0.05	0.08	10.10			
AV	370.5k	39.78	48.49	-8.71	10.23	Neutral	"Worst"	29.55	0.05	0.08	10.10			
QP	829.5k	26.16	56.00	-29.84	10.27	Neutral	-	15.89	0.06	0.11	10.10			
AV	829.5k	19.32	46.00	-26.68	10.27	Neutral	-	9.05	0.06	0.11	10.10			
QP	1.577M	27.21	56.00	-28.79	10.32	Neutral	-	16.89	0.07	0.15	10.10			
AV	1.577M	19.68	46.00	-26.32	10.32	Neutral	-	9.36	0.07	0.15	10.10			
QP	3.278M	25.44	56.00	-30.56	10.35	Neutral	-	15.09	0.10	0.15	10.10			
AV	3.278M	17.91	46.00	-28.09	10.35	Neutral	-	7.56	0.10	0.15	10.10			
QP	13.56M	34.46	60.00	-25.54	10.53	Neutral	-	23.93	0.22	0.20	10.11			
AV	13.56M	28.18	50.00	-21.82	10.53	Neutral	-	17.65	0.22	0.20	10.11			

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)_2TX	8.55M	12.594M	12M6G1D	8.025M	10.47M
802.11g_Nss1,(6Mbps)_2TX	16.325M	17.066M	17M1D1D	15.7M	16.692M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	18.116M	18M1D1D	16.3M	17.816M
802.11n HT40_Nss1,(MCS0)_2TX	36.3M	36.682M	36M7D1D	34.95M	36.232M

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;

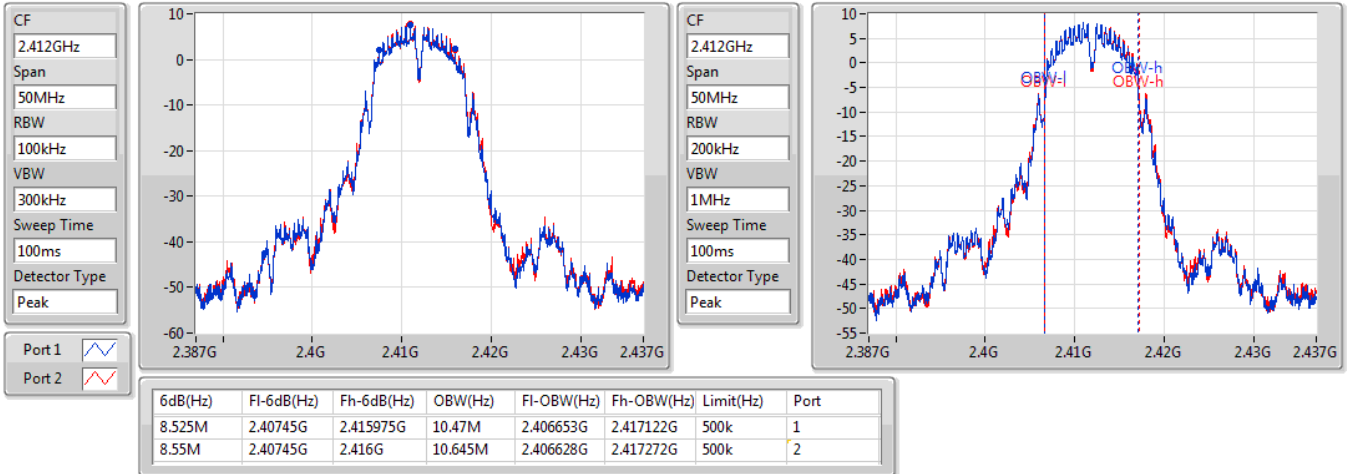
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.525M	10.47M	8.55M	10.645M
2437MHz	Pass	500k	8.5M	12.594M	8.5M	12.294M
2462MHz	Pass	500k	8.025M	10.57M	8.55M	10.97M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.025M	16.742M	16.325M	16.692M
2437MHz	Pass	500k	16.3M	17.066M	16.325M	17.016M
2462MHz	Pass	500k	15.7M	16.942M	15.925M	16.842M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.891M	17.55M	17.816M
2437MHz	Pass	500k	17.175M	18.116M	17.525M	18.016M
2462MHz	Pass	500k	16.3M	18.016M	17.575M	17.916M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.9M	36.482M	36.3M	36.332M
2437MHz	Pass	500k	36M	36.682M	36.3M	36.432M
2452MHz	Pass	500k	34.95M	36.332M	35M	36.232M

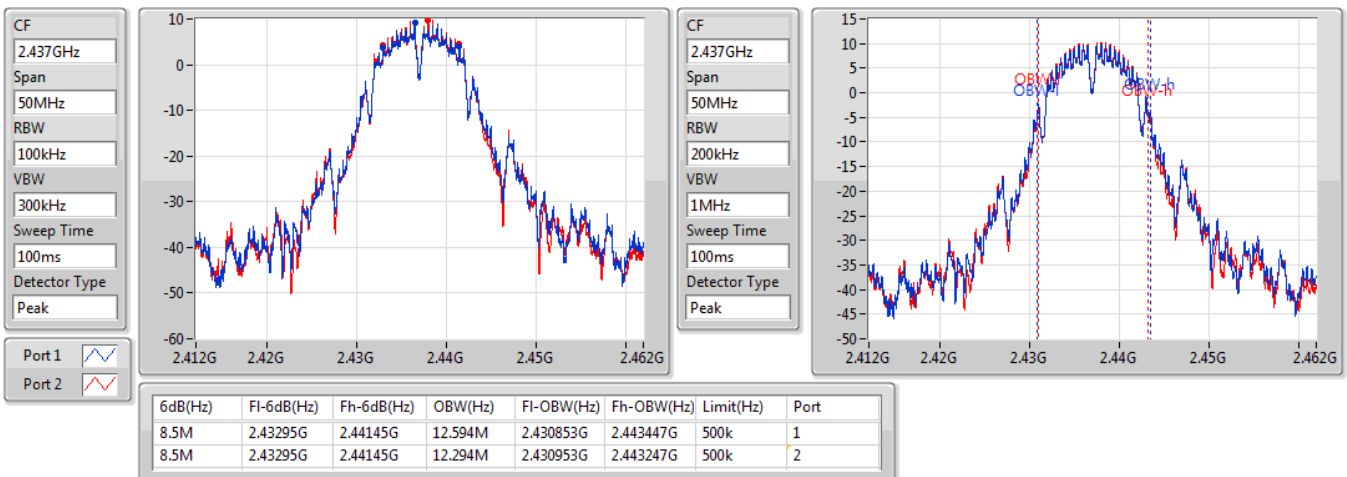
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

17/01/2020


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

13/01/2020

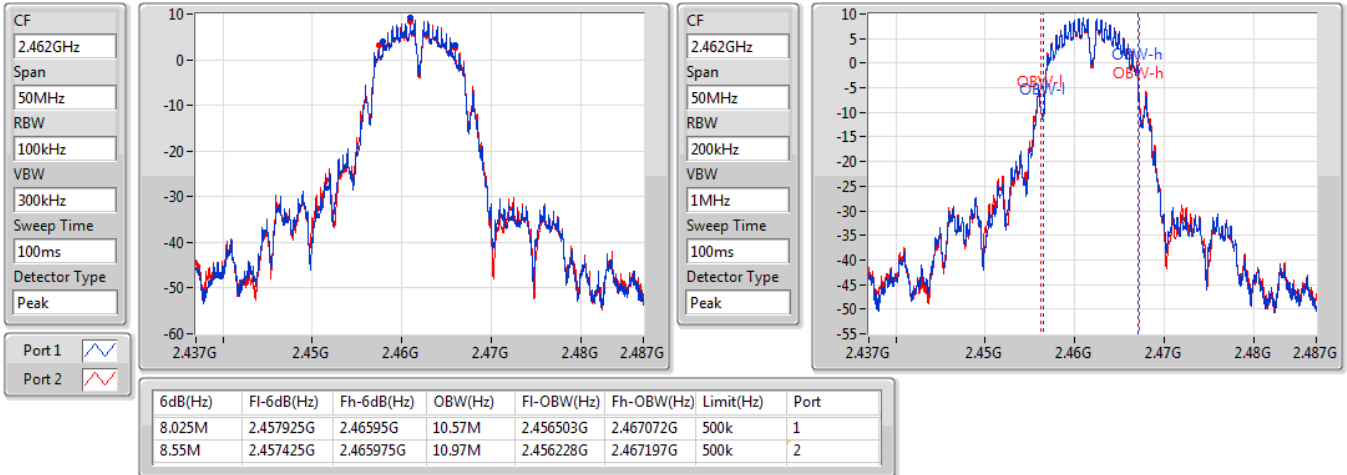


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

17/01/2020



802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

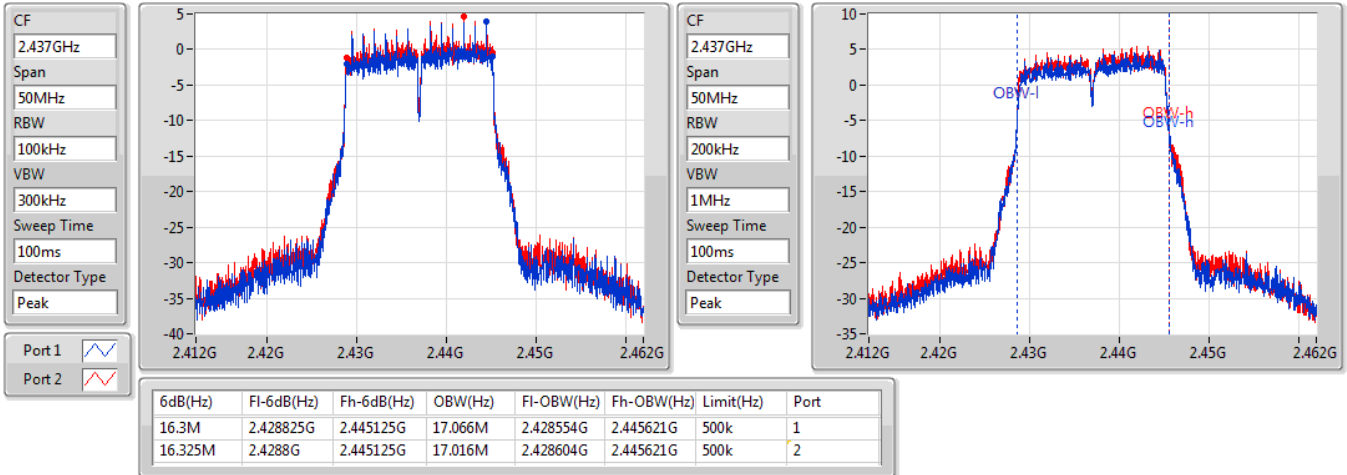
17/01/2020



802.11g_Nss1,(6Mbps)_2TX

2437MHz

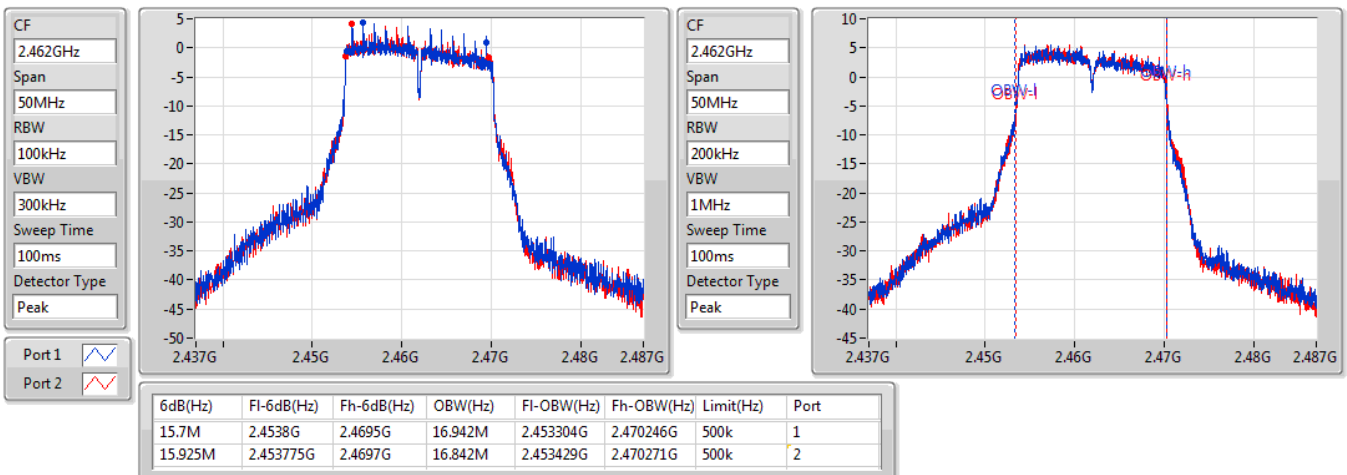
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802.11g_Nss1,(6Mbps)_2TX

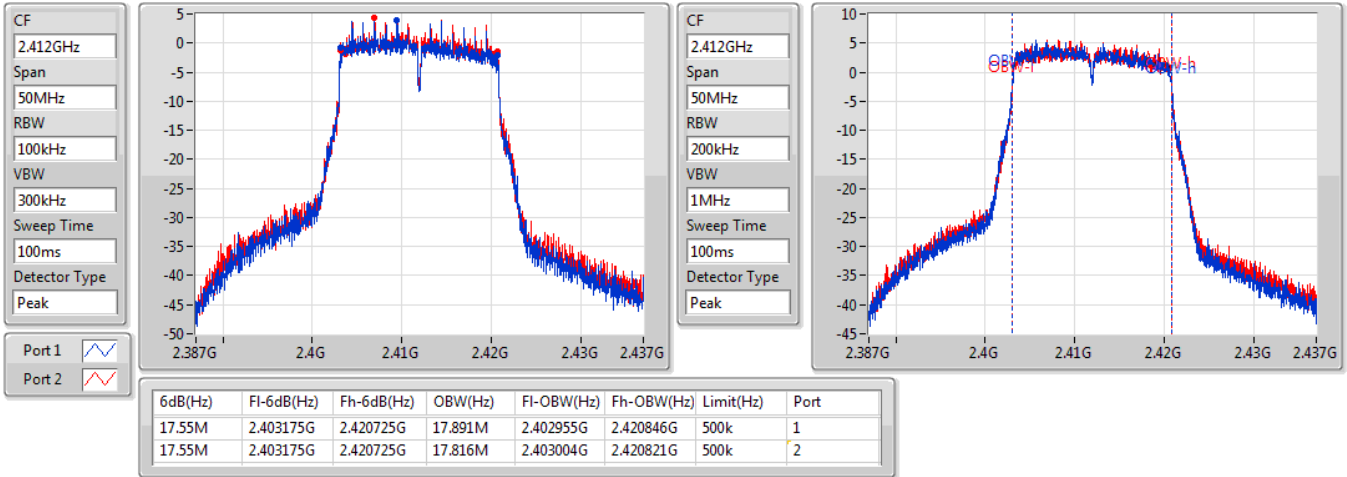
2462MHz

17/01/2020

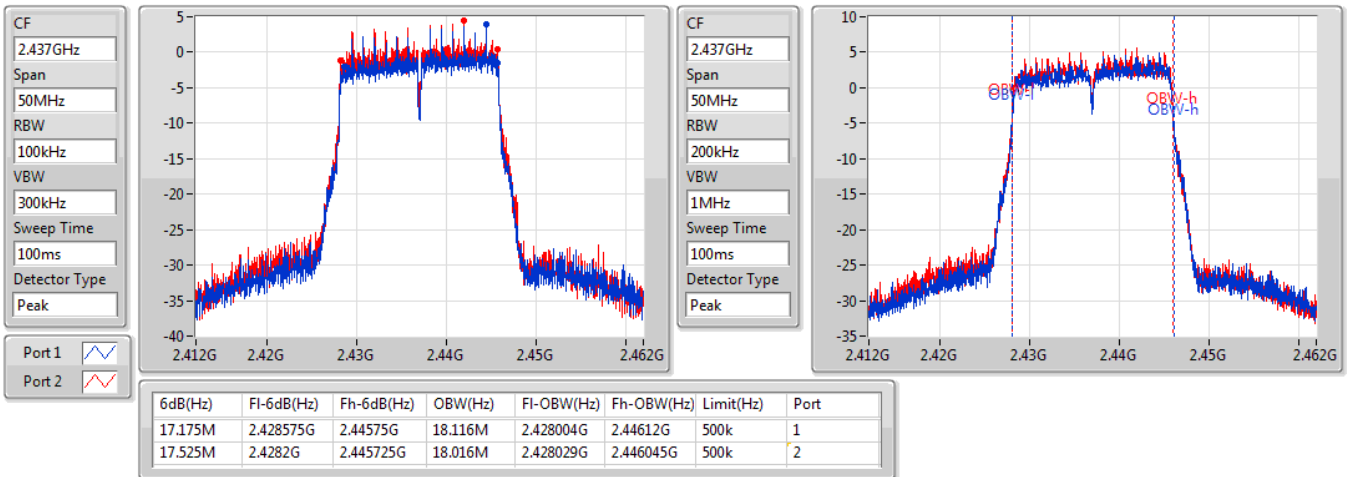


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

17/01/2020

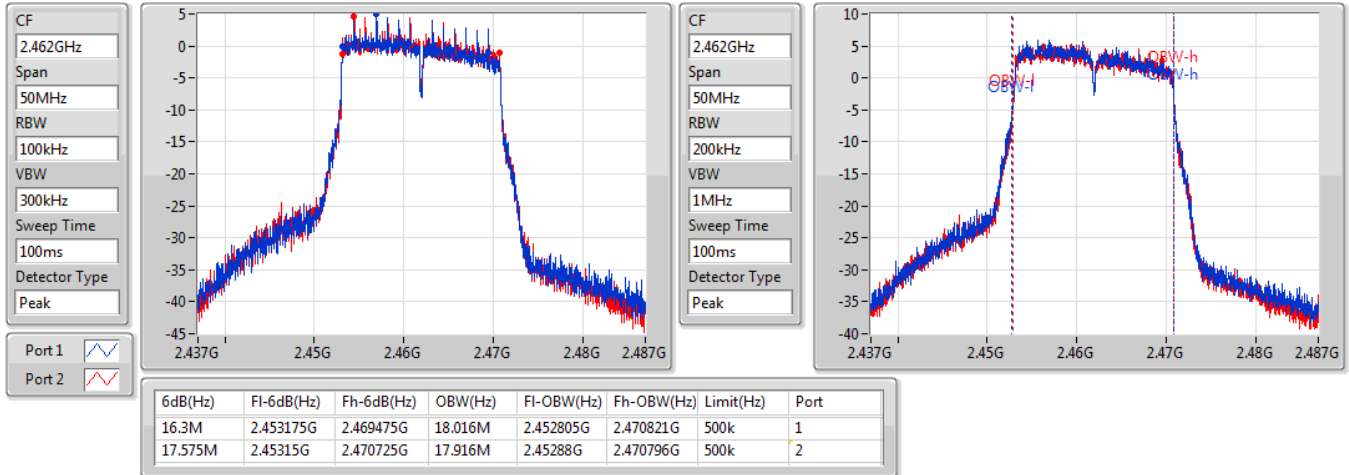

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

13/01/2020

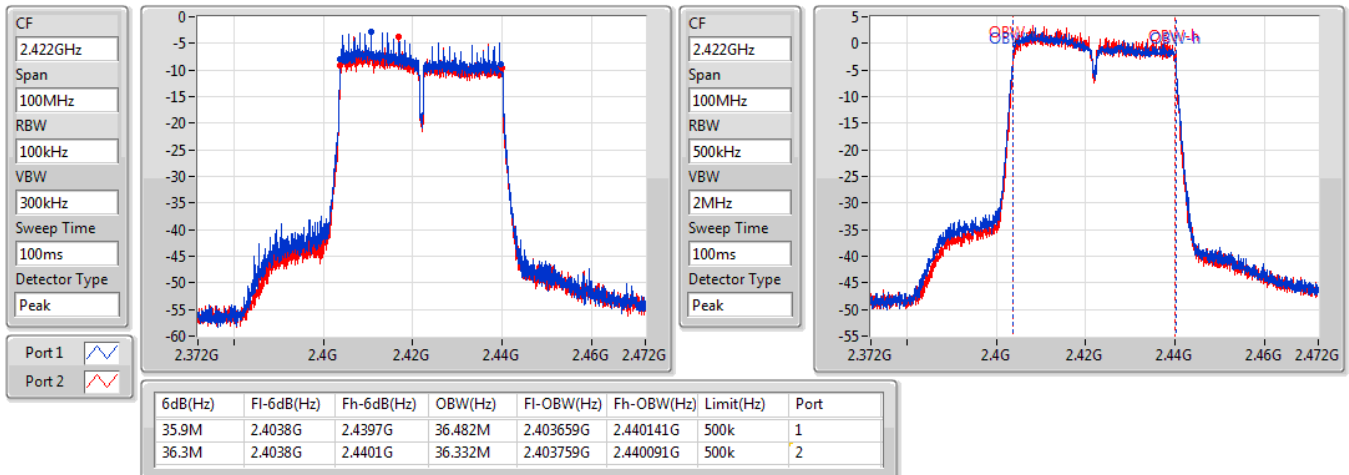


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

17/01/2020

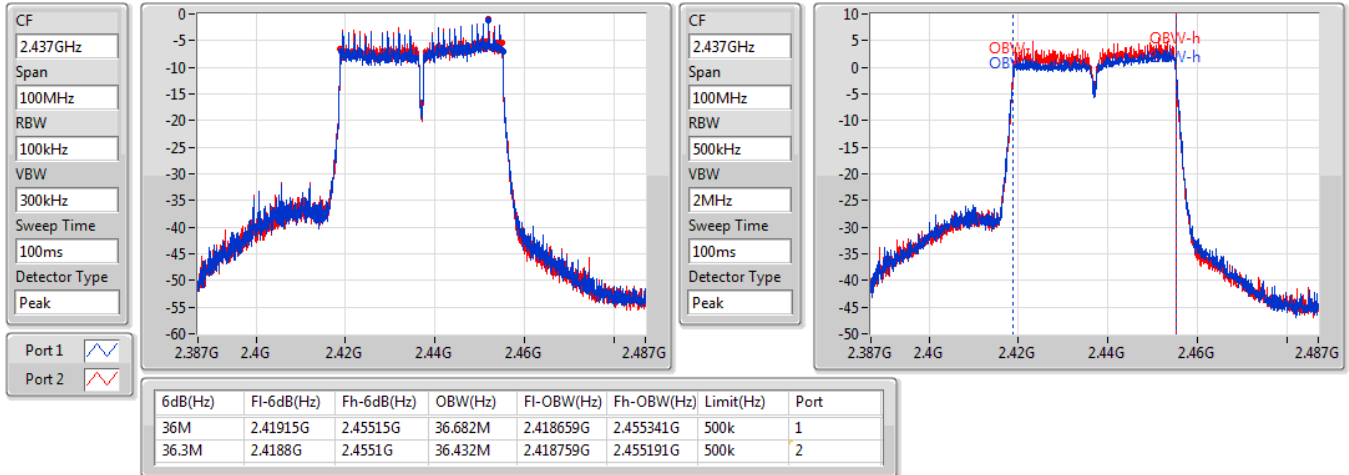

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

17/01/2020

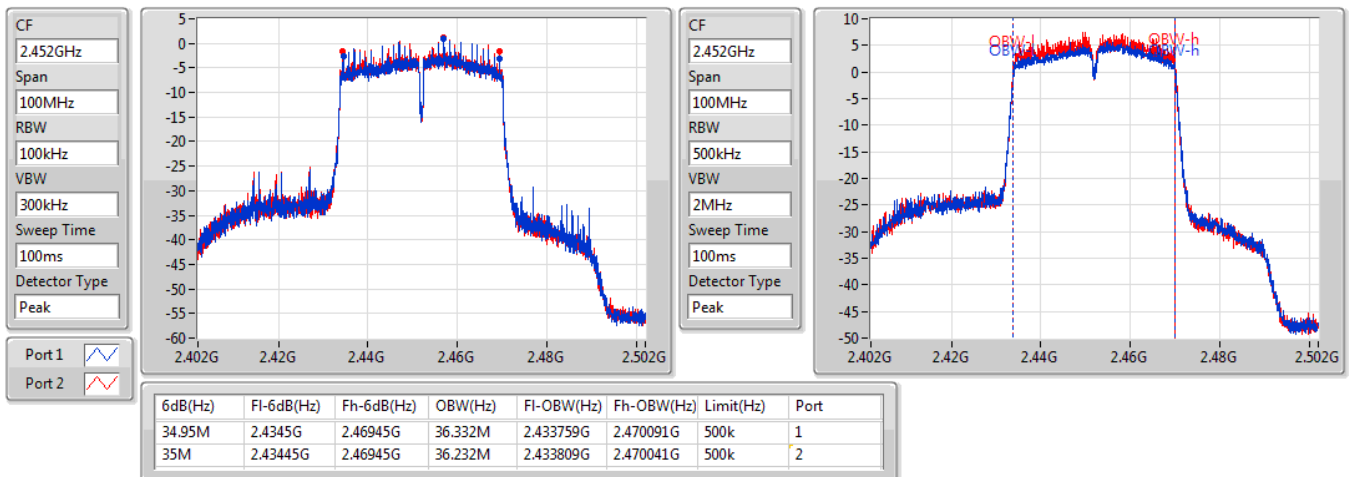


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

17/01/2020


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

17/01/2020



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.15	0.13032
802.11g_Nss1,(6Mbps)_2TX	18.42	0.06950
802.11n HT20_Nss1,(MCS0)_2TX	18.41	0.06934
802.11n HT40_Nss1,(MCS0)_2TX	17.45	0.05559

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.995	16.20	16.34	19.28	30.00
2417MHz	Pass	2.995	17.02	17.45	20.25	30.00
2437MHz	Pass	2.995	17.87	18.40	21.15	30.00
2462MHz	Pass	2.995	17.28	17.46	20.38	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.995	13.87	13.76	16.83	30.00
2417MHz	Pass	2.995	14.87	15.40	18.15	30.00
2437MHz	Pass	2.995	14.77	15.04	17.92	30.00
2462MHz	Pass	2.995	15.30	15.51	18.42	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.995	15.25	15.55	18.41	30.00
2417MHz						
2437MHz	Pass	2.995	14.56	15.17	17.89	30.00
2462MHz	Pass	2.995	14.93	15.11	18.03	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.995	10.86	9.80	13.37	30.00
2437MHz	Pass	2.995	12.11	12.15	15.14	30.00
2452MHz	Pass	2.995	14.33	14.54	17.45	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.72
802.11g_Nss1,(6Mbps)_2TX	-7.47
802.11n HT20_Nss1,(MCS0)_2TX	-8.47
802.11n HT40_Nss1,(MCS0)_2TX	-12.61

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.005	-7.61	-7.31	-5.89	8.00
2437MHz	Pass	6.005	-6.45	-4.78	-2.72	8.00
2462MHz	Pass	6.005	-5.99	-6.43	-4.17	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.005	-11.02	-11.32	-8.80	8.00
2437MHz	Pass	6.005	-10.60	-10.12	-8.09	8.00
2462MHz	Pass	6.005	-10.38	-9.09	-7.47	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.005	-9.90	-10.28	-8.47	8.00
2437MHz	Pass	6.005	-9.94	-10.44	-8.97	8.00
2462MHz	Pass	6.005	-9.71	-9.77	-8.54	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.005	-17.68	-18.90	-16.16	8.00
2437MHz	Pass	6.005	-16.26	-16.43	-14.44	8.00
2452MHz	Pass	6.005	-13.79	-13.89	-12.61	8.00

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

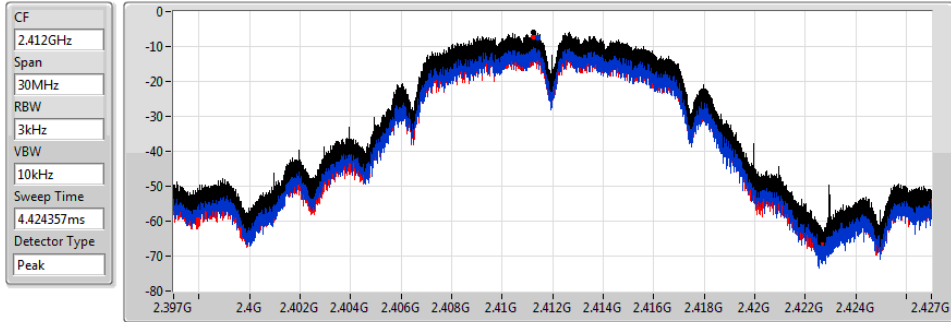
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

17/01/2020



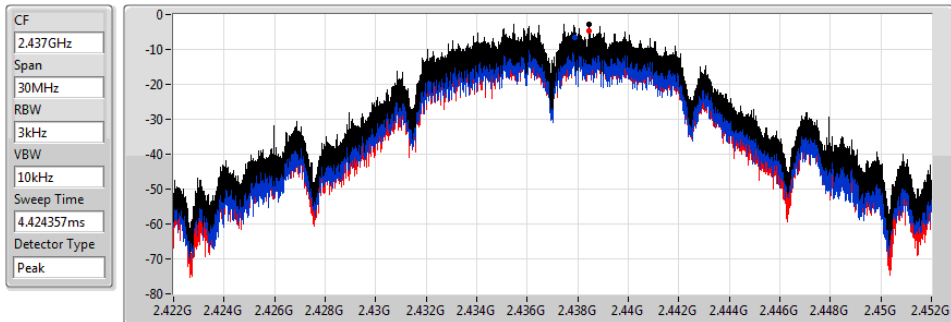
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.89	-5.89	-7.61	-7.31

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

13/01/2020



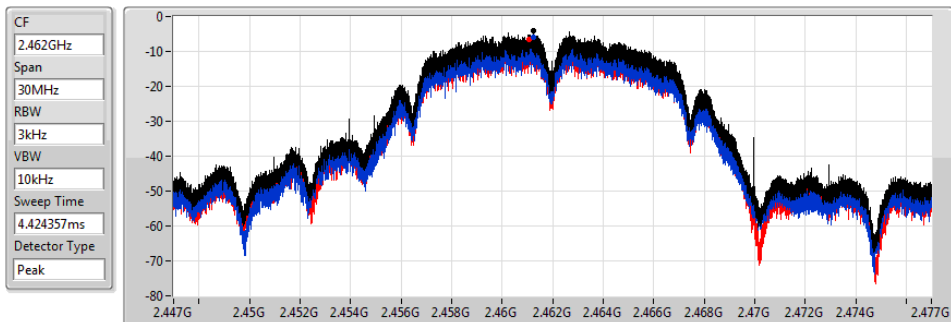
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.72	-2.72	-6.45	-4.78

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

17/01/2020



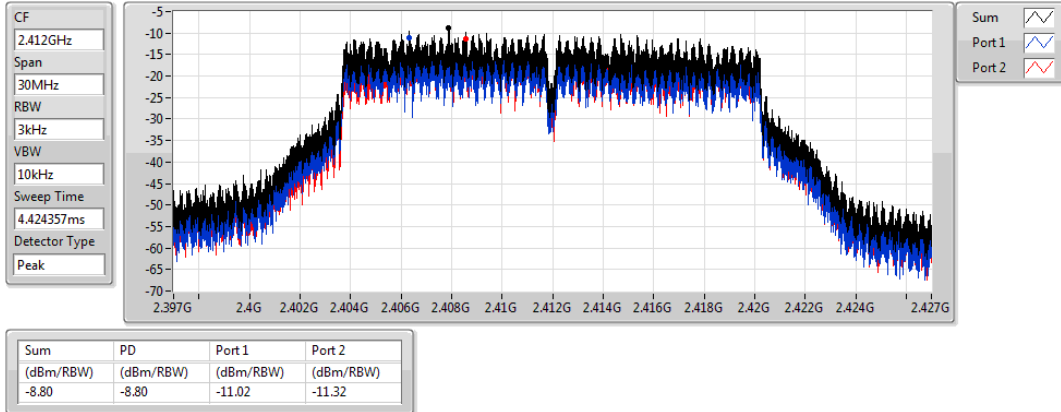
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.17	-4.17	-5.99	-6.43

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

17/01/2020

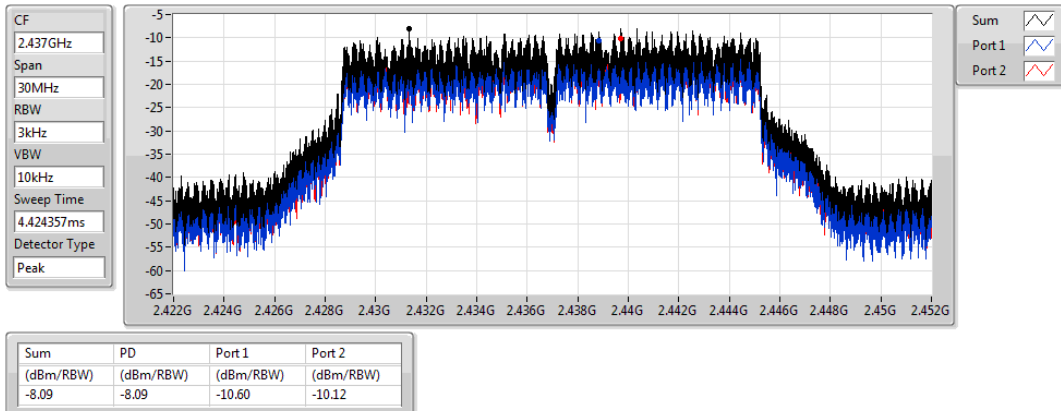


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

13/01/2020

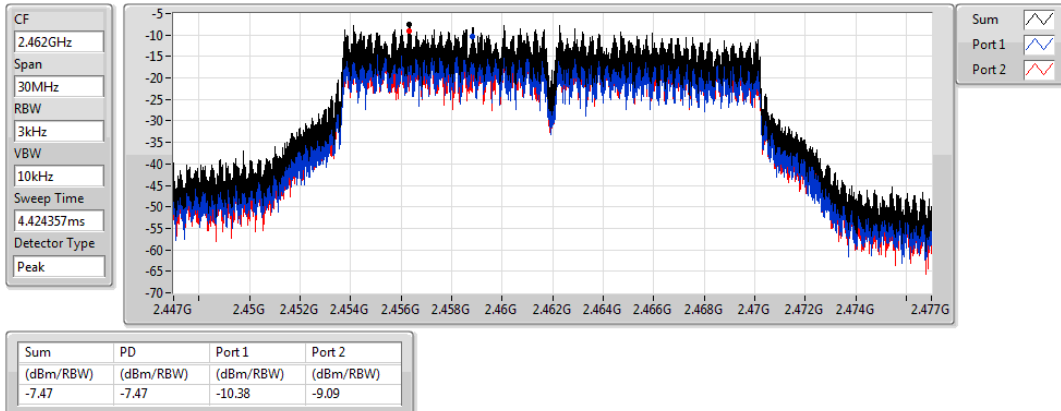


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

17/01/2020

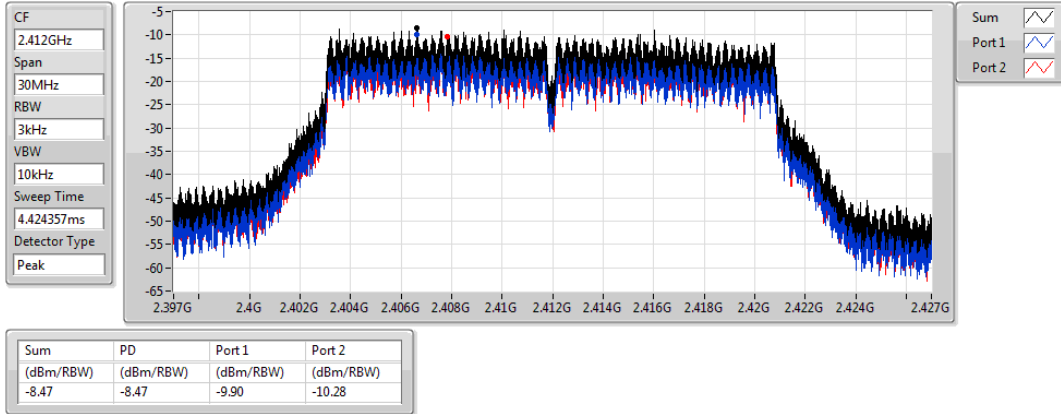


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

17/01/2020

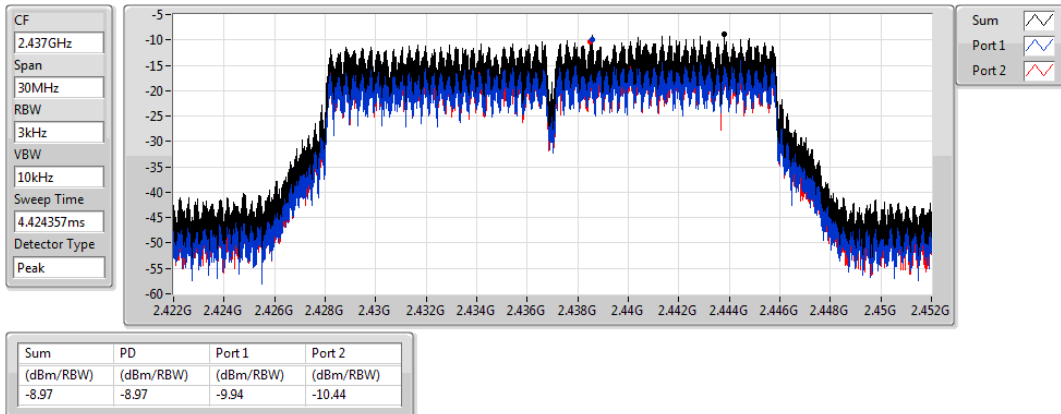


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

13/01/2020

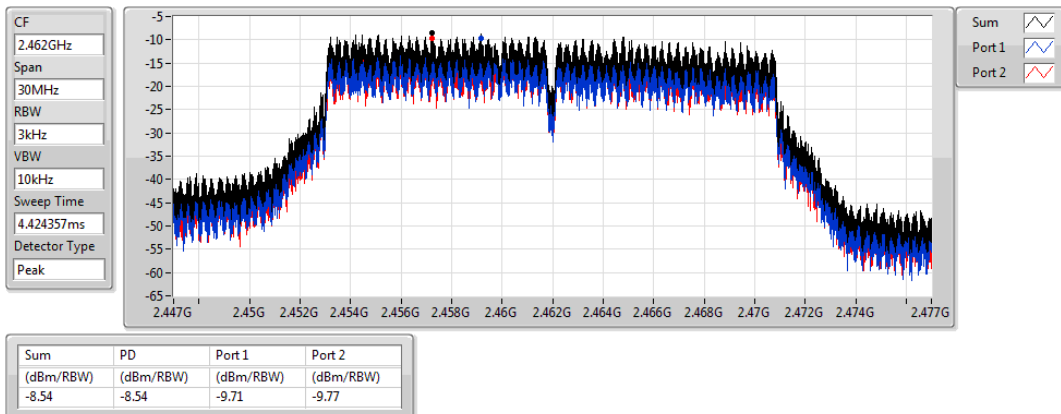


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

17/01/2020

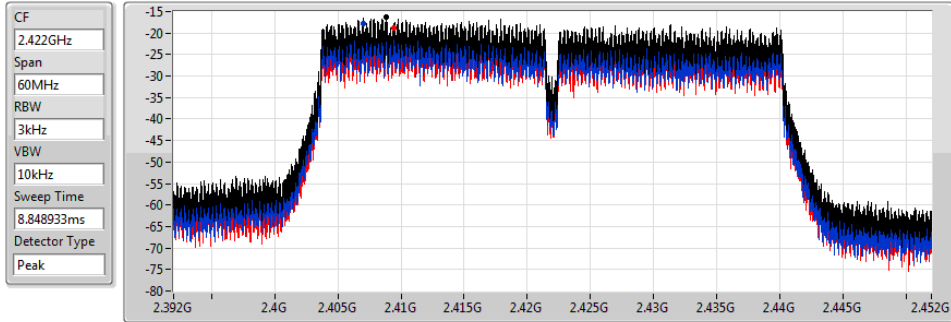


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

17/01/2020



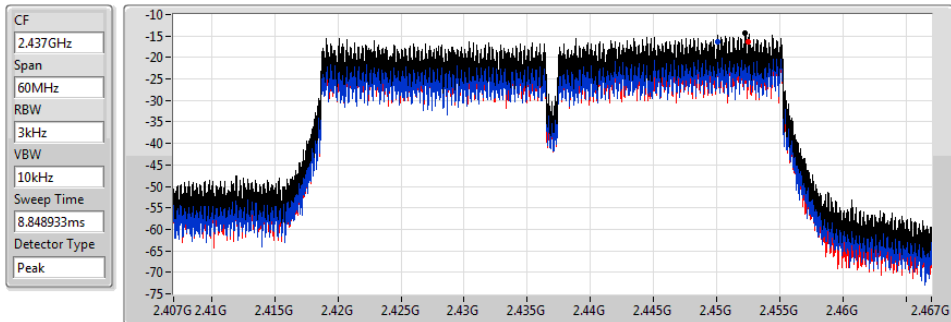
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-16.16	-16.16	-17.68	-18.90

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

17/01/2020



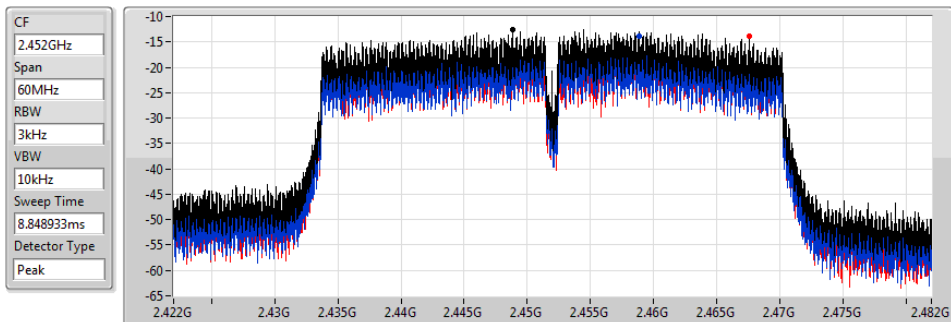
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-14.44	-14.44	-16.26	-16.43

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

17/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.61	-12.61	-13.79	-13.89

**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)_2TX	Pass	2.41244G	10.30	-19.70	299.12M	-63.32	2.39896G	-26.42	2.4G	-30.01	2.4874G	-58.24	7.23514G	-49.62	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.45448G	4.23	-25.77	747.06M	-63.65	2.39946G	-29.51	2.4G	-32.35	2.48728G	-54.86	16.60503G	-54.04	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.40693G	4.61	-25.39	1.76294G	-63.52	2.39948G	-25.63	2.4G	-26.54	2.48732G	-55.81	24.91852G	-55.51	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.45695G	1.38	-28.62	2.10589G	-62.95	2.39952G	-34.63	2.4G	-41.42	2.48634G	-55.20	24.85136G	-54.88	2

Result

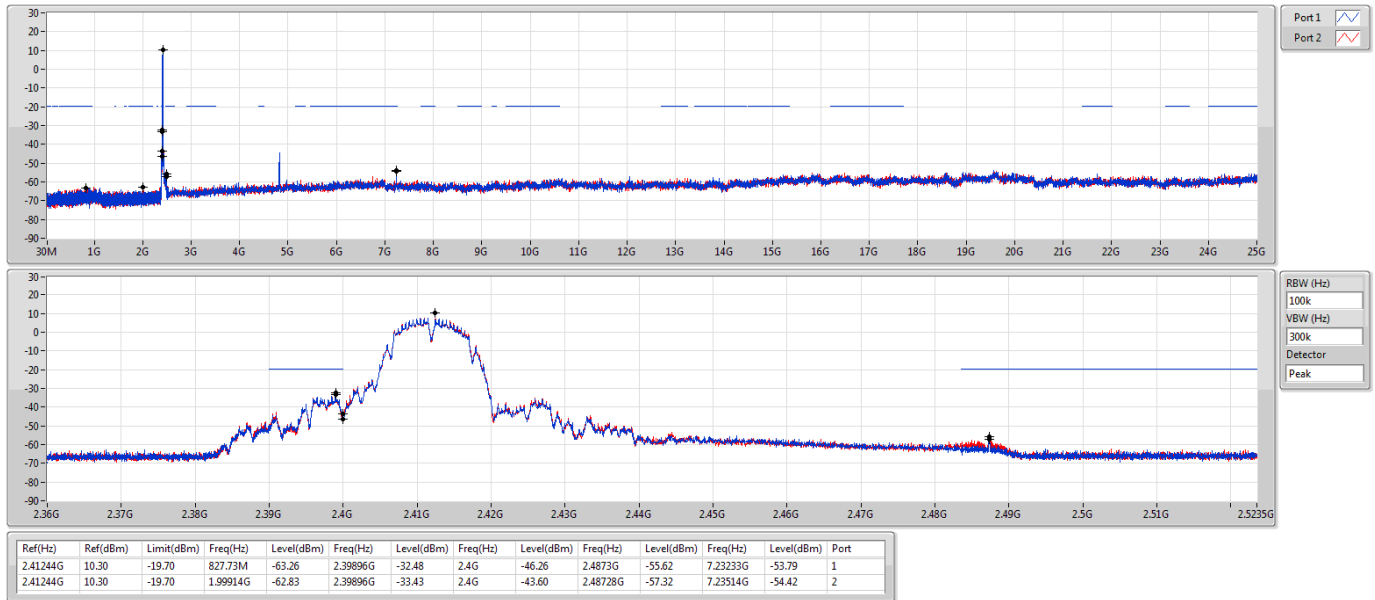
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41244G	10.30	-19.70	827.73M	-63.26	2.39896G	-32.48	2.4G	-46.26	2.4873G	-55.62	7.23233G	-53.79	1
2412MHz	Pass	2.41244G	10.30	-19.70	1.99914G	-62.83	2.39896G	-33.43	2.4G	-43.60	2.48728G	-57.32	7.23514G	-54.42	2
2437MHz	Pass	2.41244G	10.30	-19.70	1.78828G	-62.53	2.39894G	-27.19	2.4G	-31.02	2.48734G	-56.90	7.23514G	-52.31	1
2437MHz	Pass	2.41244G	10.30	-19.70	299.12M	-63.32	2.39896G	-26.42	2.4G	-30.01	2.4874G	-58.24	7.23514G	-49.62	2
2462MHz	Pass	2.41244G	10.30	-19.70	959.67M	-63.00	2.3987G	-57.42	2.4835G	-43.79	2.48352G	-46.91	24.85671G	-54.91	1
2462MHz	Pass	2.41244G	10.30	-19.70	825.7M	-63.35	2.39014G	-56.88	2.4835G	-42.21	2.4835G	-44.91	24.88762G	-55.94	2
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45448G	4.23	-25.77	747.06M	-63.65	2.39946G	-29.51	2.4G	-32.35	2.48728G	-54.86	16.60503G	-54.04	1
2412MHz	Pass	2.45448G	4.23	-25.77	908.7M	-62.91	2.39948G	-29.63	2.4G	-32.27	2.48738G	-56.80	15.25082G	-55.66	2
2437MHz	Pass	2.45448G	4.23	-25.77	2.18379G	-64.25	2.39984G	-46.19	2.4G	-47.54	2.48574G	-51.36	24.83143G	-55.03	1
2437MHz	Pass	2.45448G	4.23	-25.77	943.36M	-63.82	2.39926G	-45.35	2.4G	-47.45	2.48414G	-51.03	24.23299G	-55.45	2
2462MHz	Pass	2.45448G	4.23	-25.77	904.62M	-62.87	2.39558G	-55.54	2.4835G	-38.31	2.4854G	-38.39	14.9221G	-54.99	1
2462MHz	Pass	2.45448G	4.23	-25.77	2.30321G	-63.17	2.39814G	-54.44	2.4835G	-36.87	2.48472G	-38.63	16.26226G	-55.05	2
802.11n HT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.40693G	4.61	-25.39	1.76294G	-63.52	2.39948G	-25.63	2.4G	-26.54	2.48732G	-55.81	24.91852G	-55.51	1
2412MHz	Pass	2.40693G	4.61	-25.39	871.13M	-63.18	2.39944G	-26.37	2.4G	-28.13	2.48734G	-55.37	15.20306G	-55.05	2
2437MHz	Pass	2.40693G	4.61	-25.39	884.53M	-63.64	2.39988G	-45.37	2.4G	-46.34	2.48368G	-51.43	24.89886G	-54.51	1
2437MHz	Pass	2.40693G	4.61	-25.39	1.96973G	-63.90	2.39974G	-42.07	2.4G	-45.82	2.4835G	-51.22	16.43364G	-55.75	2
2462MHz	Pass	2.40693G	4.61	-25.39	2.06205G	-63.96	2.39996G	-55.86	2.4835G	-45.04	2.48352G	-41.68	16.50669G	-55.47	1
2462MHz	Pass	2.40693G	4.61	-25.39	917.73M	-63.72	2.39936G	-55.38	2.4835G	-40.98	2.4838G	-39.58	16.50107G	-55.50	2
802.11n HT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45695G	1.38	-28.62	2.00885G	-63.29	2.39072G	-38.66	2.4G	-41.19	2.4847G	-58.33	17.00139G	-55.59	1
2422MHz	Pass	2.45695G	1.38	-28.62	795.72M	-63.60	2.39696G	-37.48	2.4G	-43.35	2.48398G	-57.76	16.35073G	-54.99	2
2437MHz	Pass	2.45695G	1.38	-28.62	725.02M	-63.59	2.39956G	-35.42	2.4G	-41.57	2.48942G	-54.25	21.58685G	-55.98	1
2437MHz	Pass	2.45695G	1.38	-28.62	2.10589G	-62.95	2.39952G	-34.63	2.4G	-41.42	2.48634G	-55.20	24.85136G	-54.88	2
2452MHz	Pass	2.45695G	1.38	-28.62	801.16M	-63.07	2.3998G	-41.93	2.4835G	-40.27	2.48442G	-35.14	16.50778G	-55.47	1
2452MHz	Pass	2.45695G	1.38	-28.62	852.97M	-63.86	2.39824G	-42.25	2.4835G	-40.92	2.48446G	-36.61	24.8149G	-55.59	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSE NdB

17/01/2020

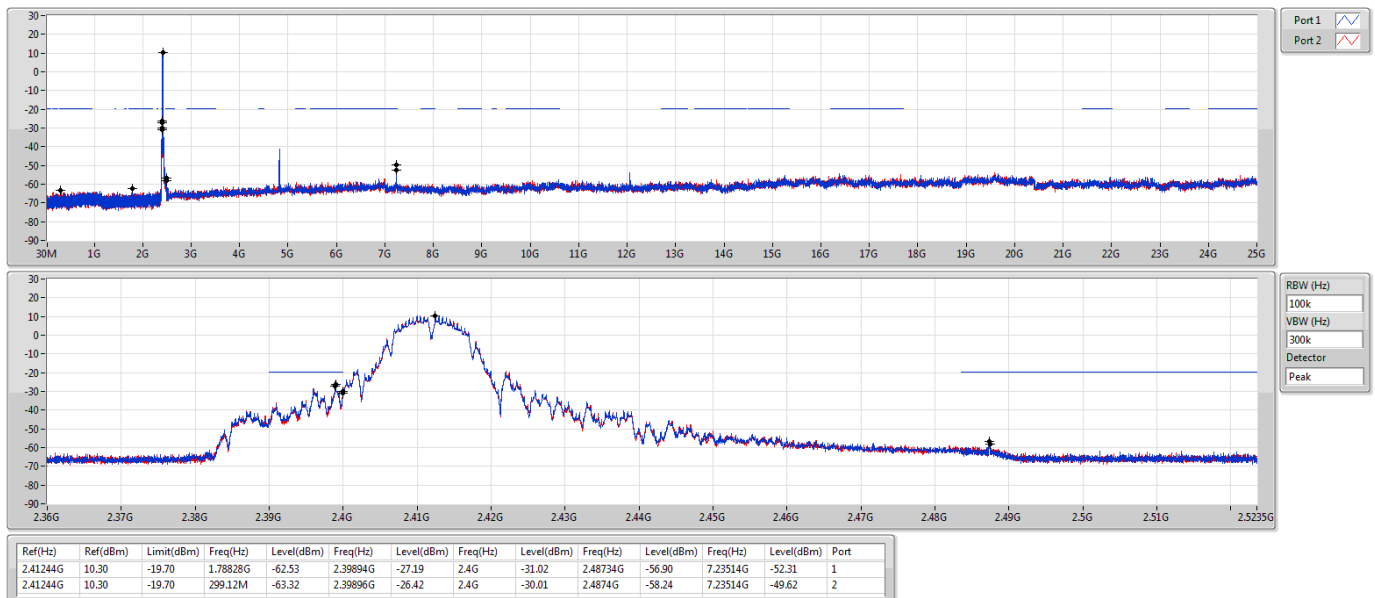


802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSE NdB

17/01/2020

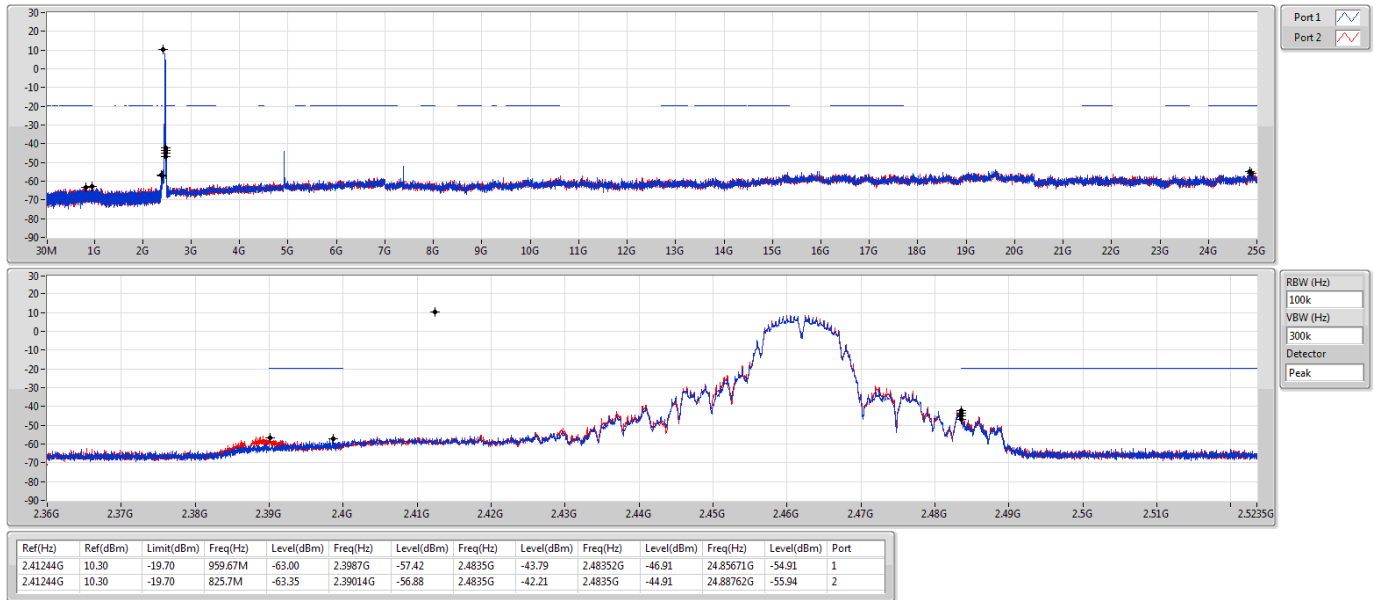


802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSE NdB

17/01/2020

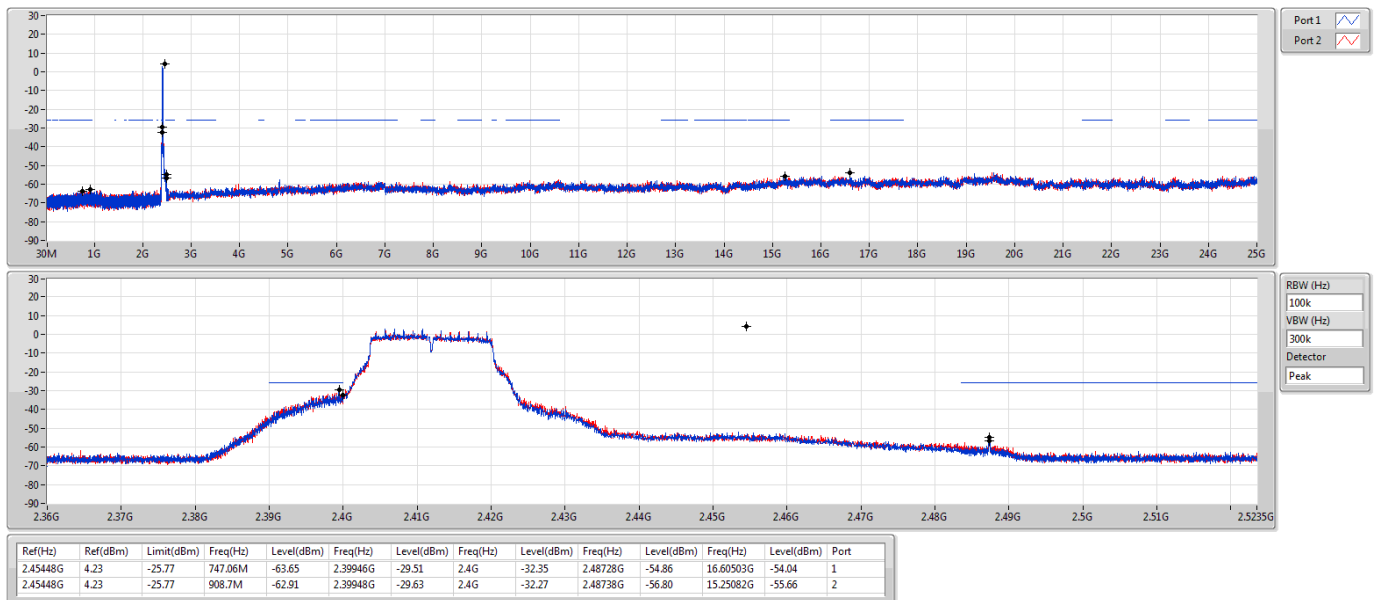


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSE NdB

17/01/2020

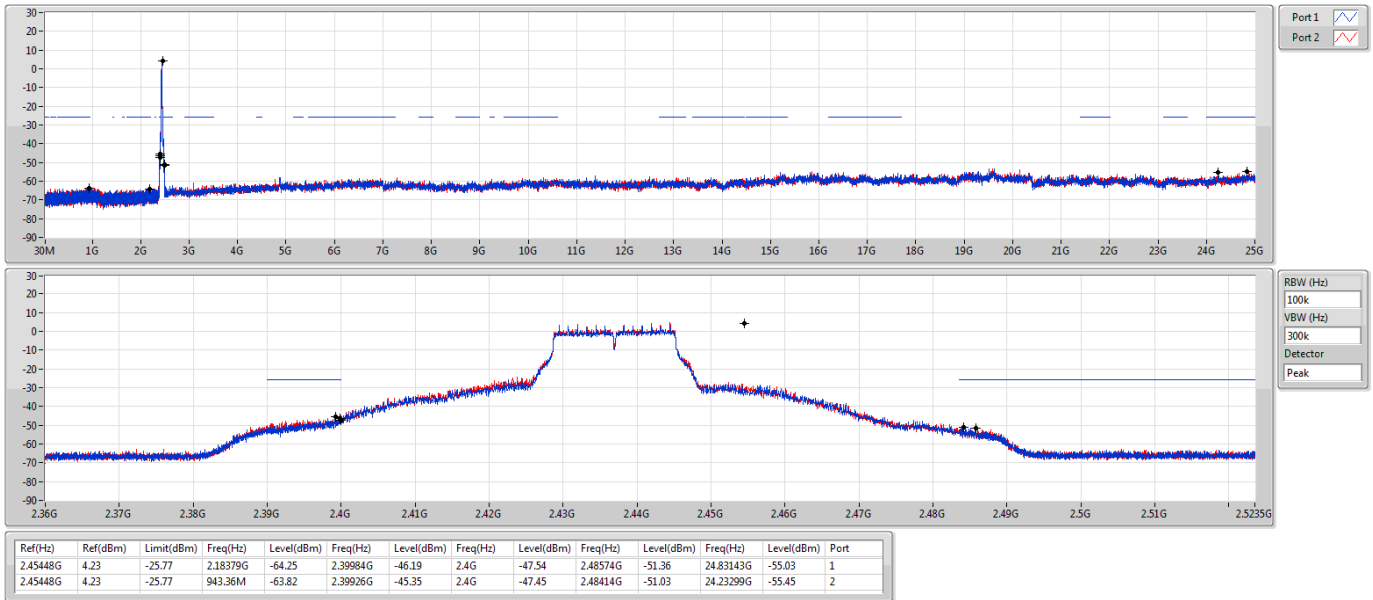


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSE NdB

17/01/2020

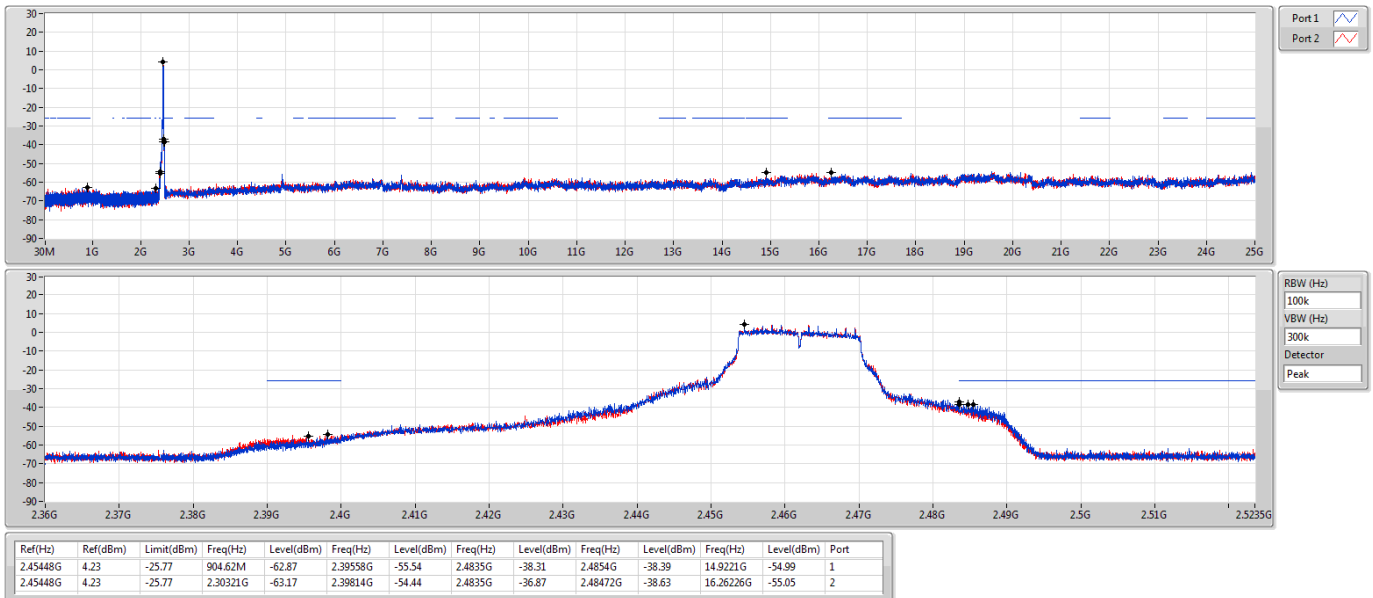


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSE NdB

17/01/2020

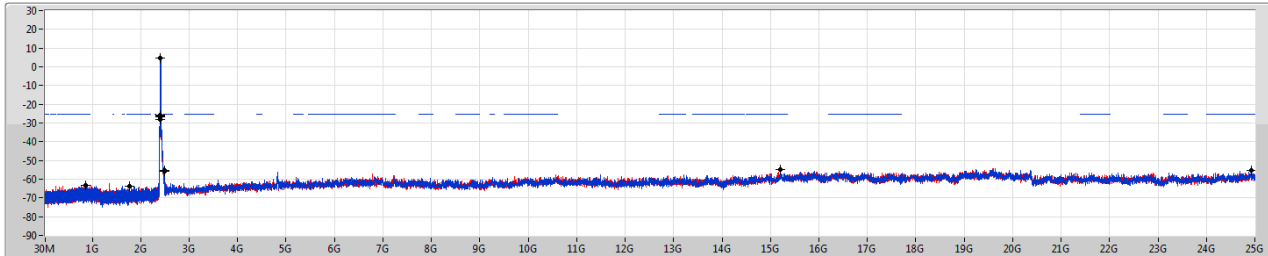
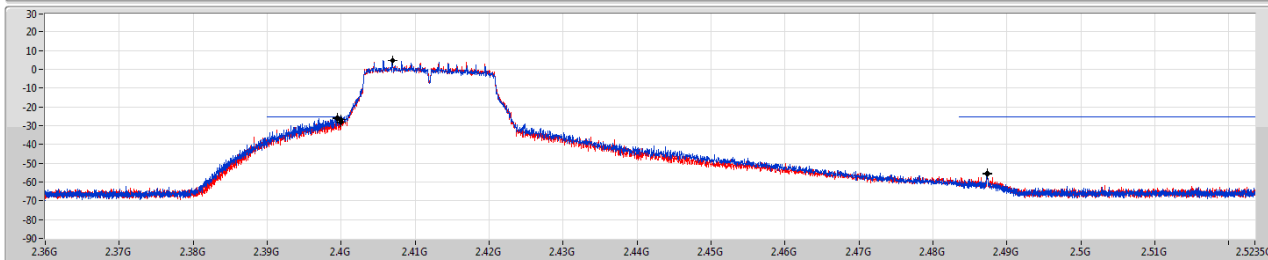


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2412MHz

17/01/2020

Port 1
Port 2RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

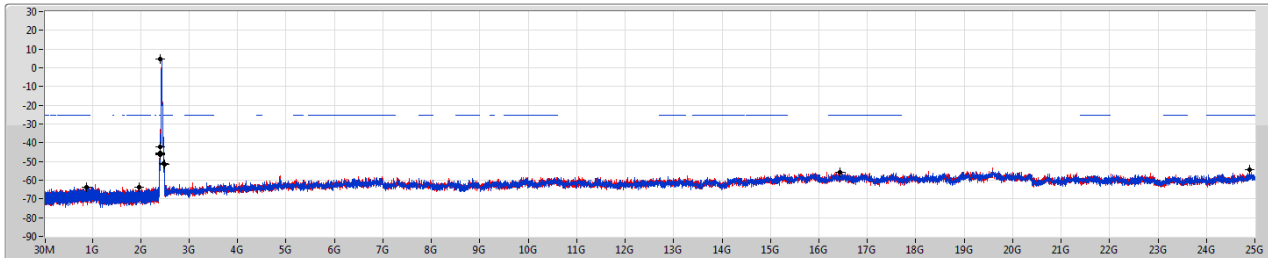
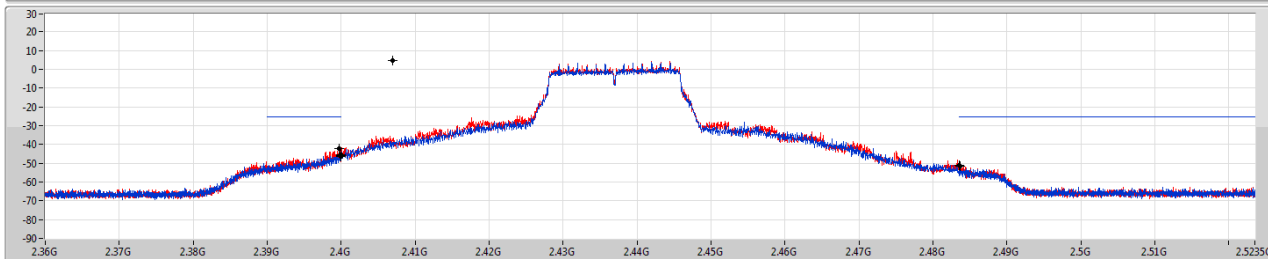
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40693G	4.61	-25.39	1.76294G	-63.52	2.39948G	-25.63	2.4G	-26.54	2.48732G	-55.81	24.91852G	-55.51	1
2.40693G	4.61	-25.39	871.13M	-63.18	2.39944G	-26.37	2.4G	-28.13	2.48734G	-55.37	15.20306G	-55.05	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

17/01/2020

Port 1
Port 2RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

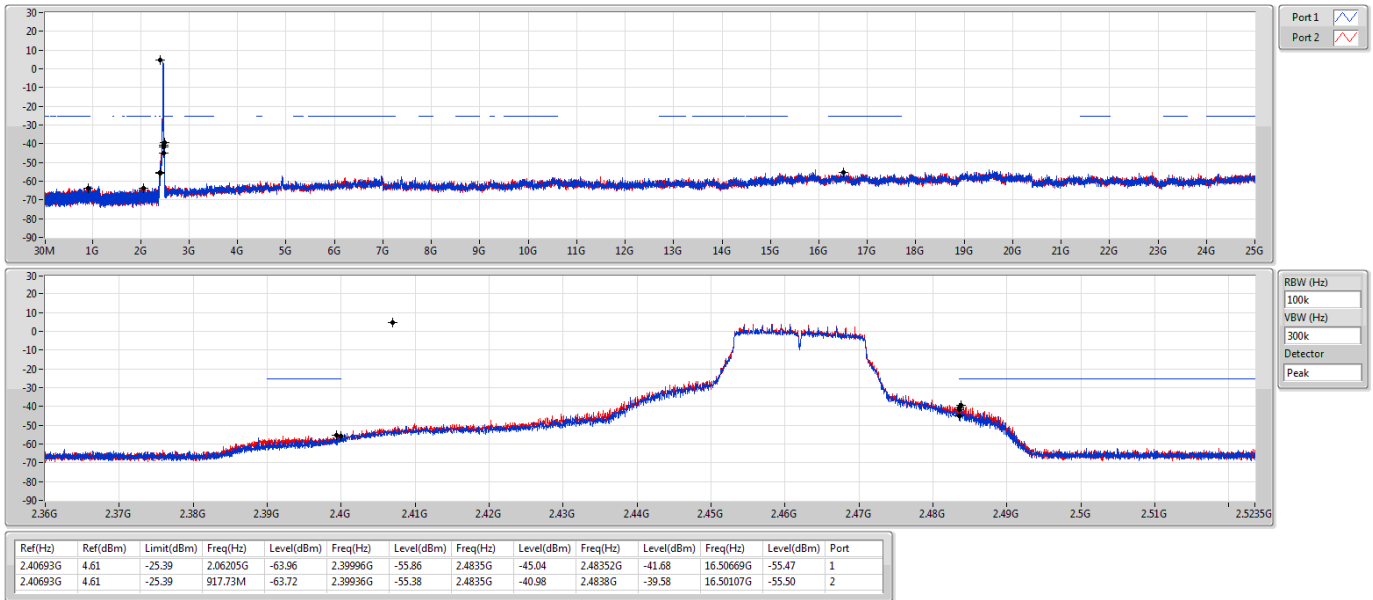
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40693G	4.61	-25.39	884.53M	-63.64	2.39998G	-45.37	2.4G	-46.34	2.48368G	-51.43	24.89886G	-54.51	1
2.40693G	4.61	-25.39	1.96973G	-63.90	2.39974G	-42.07	2.4G	-45.82	2.4835G	-51.22	16.43364G	-55.75	2

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSE NdB

17/01/2020

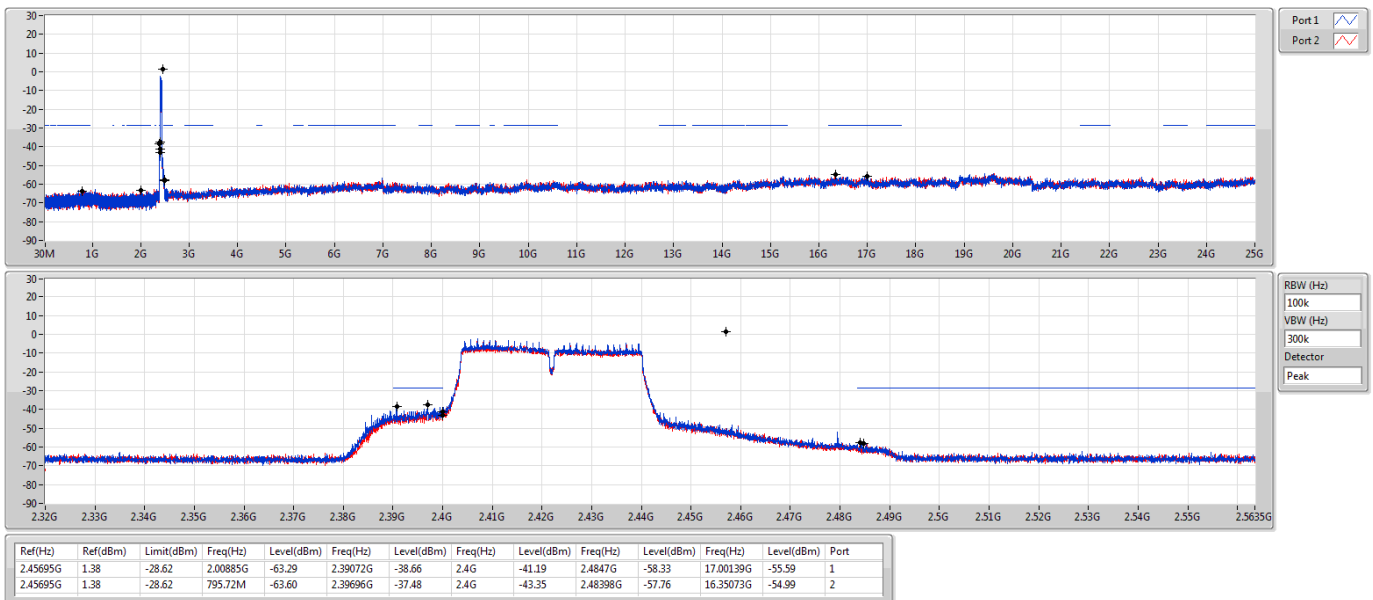


802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSE NdB

17/01/2020

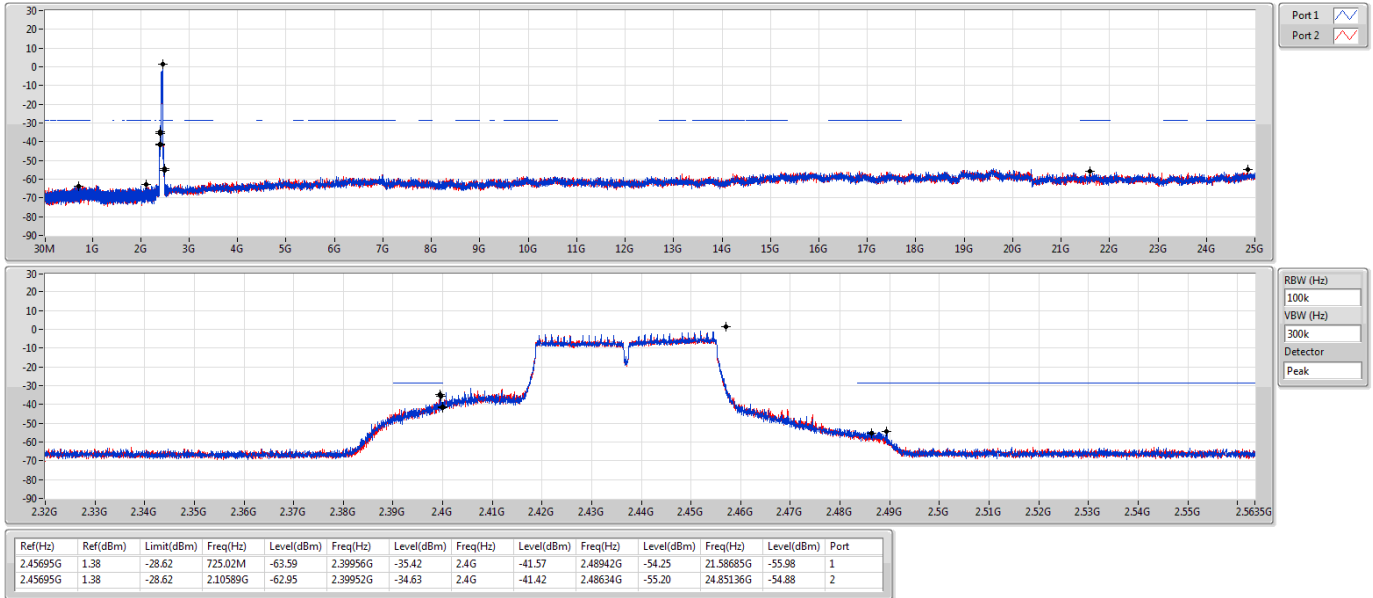


802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSE NdB

17/01/2020

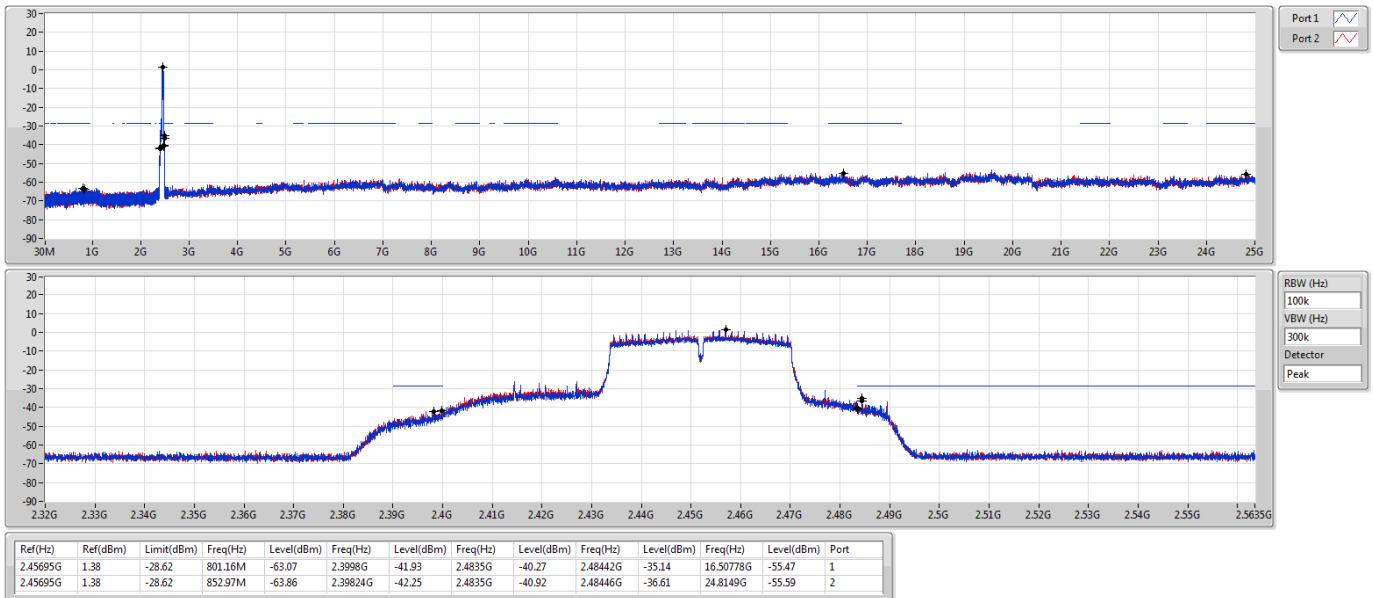


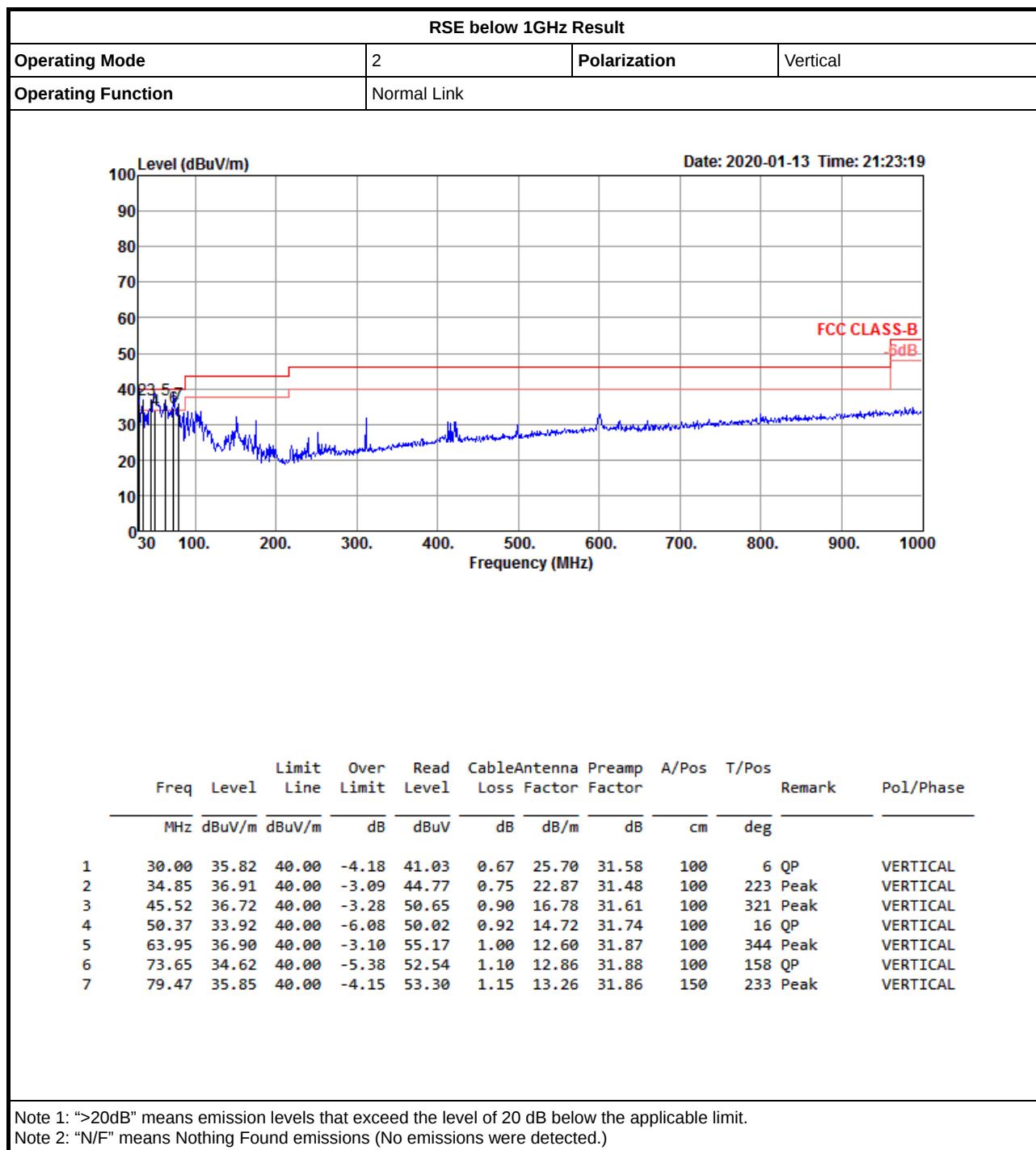
802.11n HT40_Nss1,(MCS0)_2TX

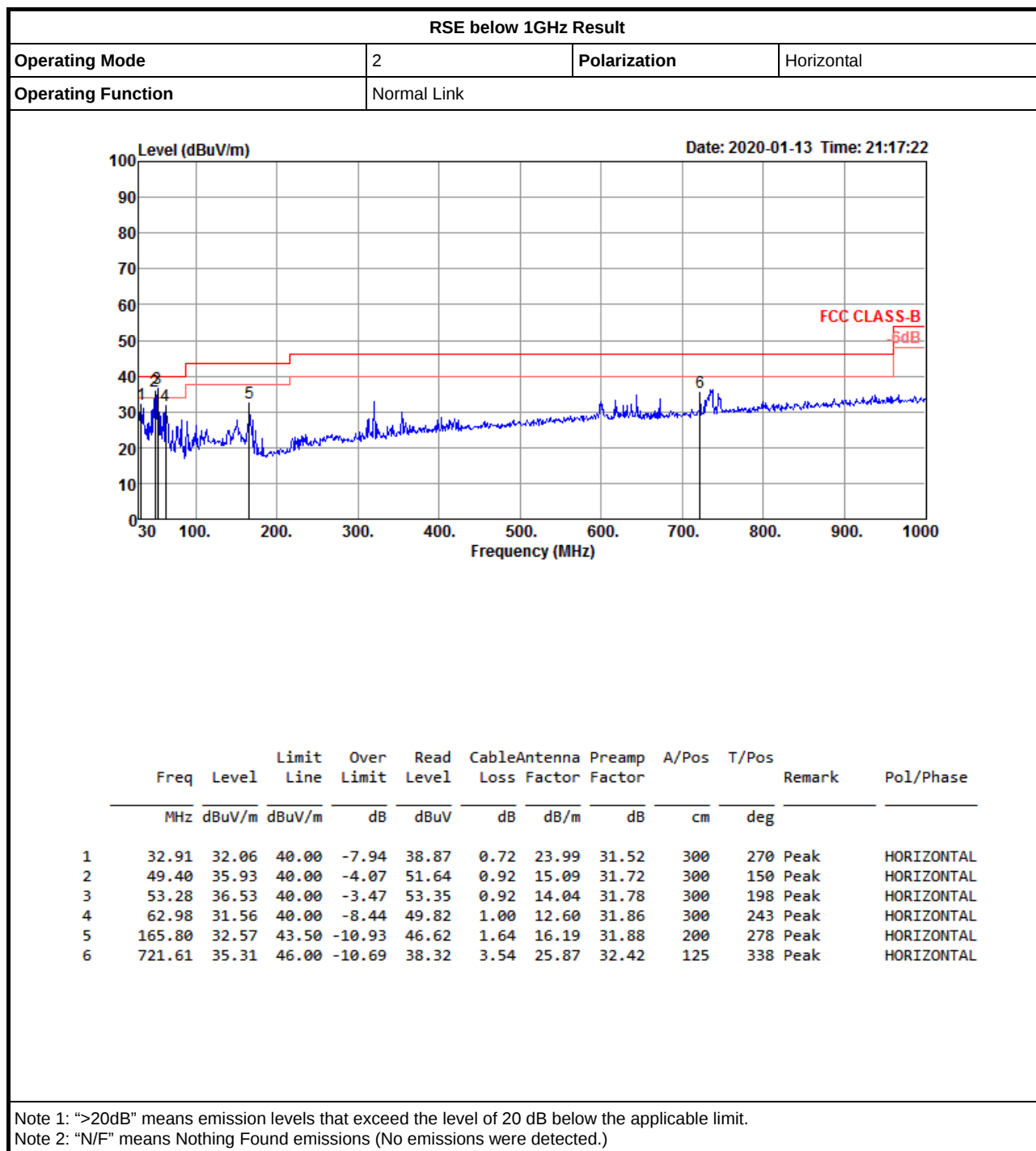
2452MHz

CSE NdB

17/01/2020









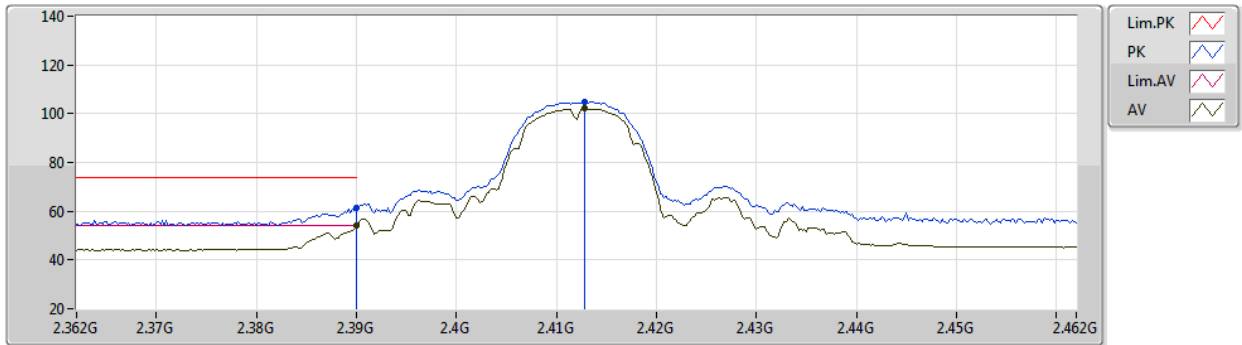
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.39G	53.98	54.00	-0.02	3	Vertical	90	2.50	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2412MHz_TX



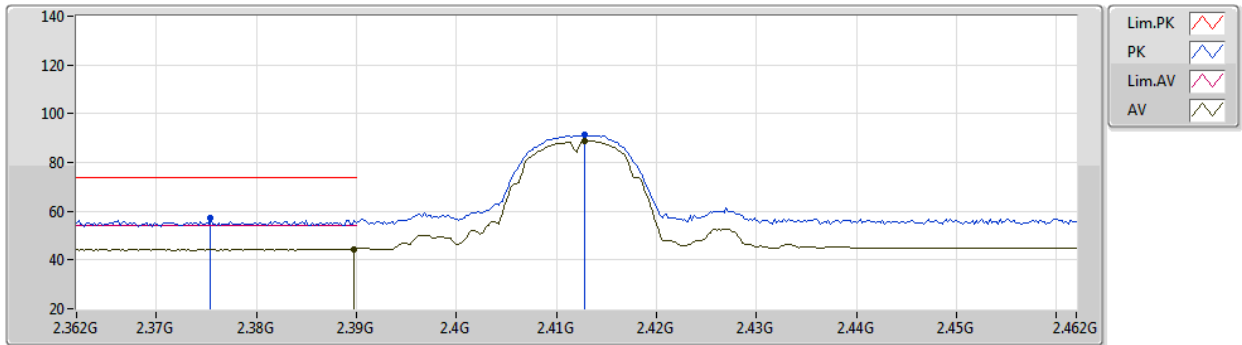
EUT Y_2TX
Setting 61
04-F-Z-1

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	61.47	74.00	-12.53	31.26	3	Vertical	90	2.50	-	27.51	2.70	-
AV	2.39G	53.98	54.00	-0.02	23.77	3	Vertical	90	2.50	-	27.51	2.70	-
PK	2.4128G	104.83	Inf	-Inf	74.58	3	Vertical	90	2.50	-	27.55	2.70	-
AV	2.4128G	102.03	Inf	-Inf	71.78	3	Vertical	90	2.50	-	27.55	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2412MHz_TX



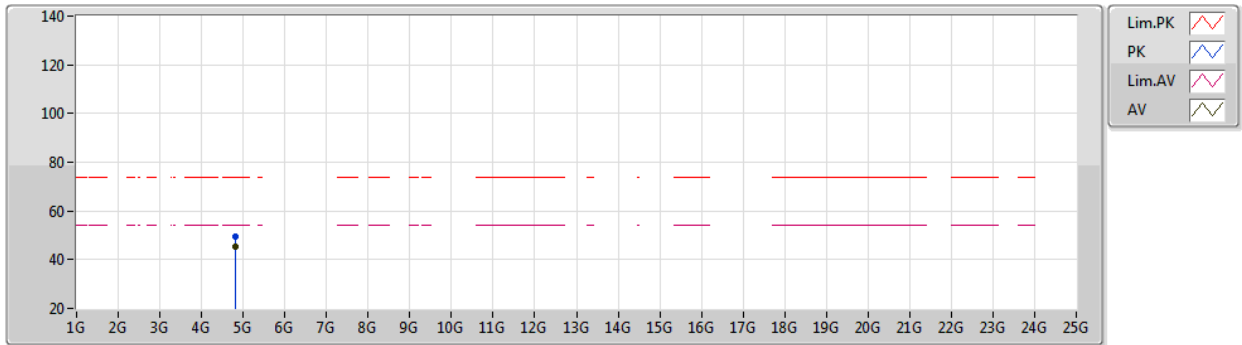
EUT Y_2TX
Setting 61
04-F-Z-1

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	2.3754G	57.35	74.00	-16.65	27.13	3	Horizontal	280	1.81	-	27.52	2.70	-
AV	2.3898G	44.53	54.00	-9.47	14.32	3	Horizontal	280	1.81	-	27.51	2.70	-
PK	2.4128G	91.29	Inf	-Inf	61.04	3	Horizontal	280	1.81	-	27.55	2.70	-
AV	2.4128G	88.76	Inf	-Inf	58.51	3	Horizontal	280	1.81	-	27.55	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2412MHz_TX



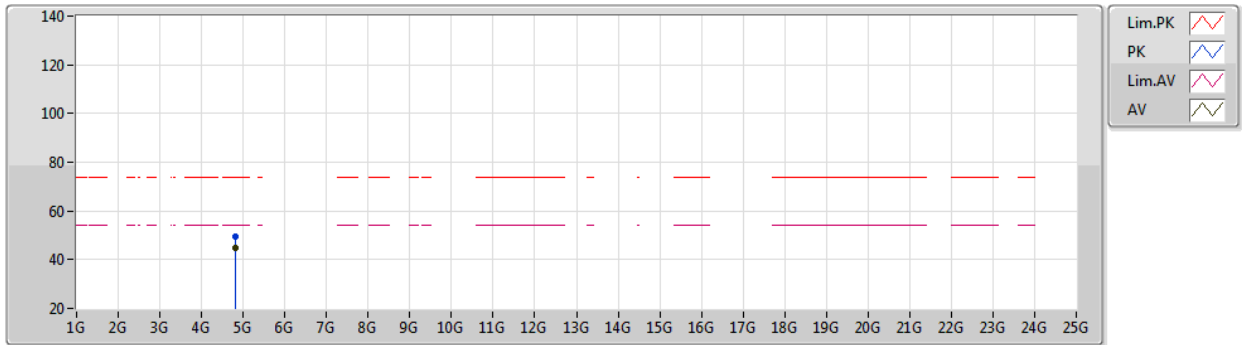
EUT Y_2TX
Setting 61
04-F-Z-1

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	4.82384G	49.58	74.00	-24.42	46.07	3	Vertical	83	2.54	-	32.60	4.54	33.63
AV	4.82388G	45.30	54.00	-8.70	41.79	3	Vertical	83	2.54	-	32.60	4.54	33.63

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2412MHz_TX



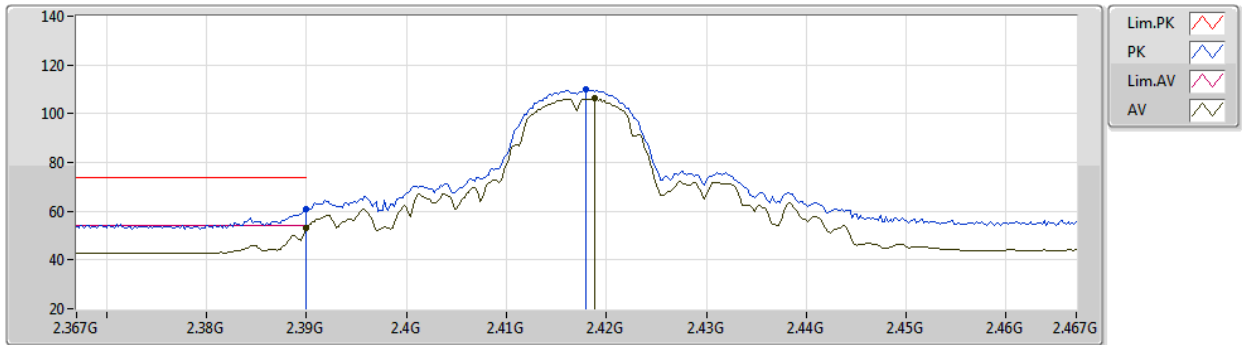
EUT Y_2TX
Setting 61
04-F-Z-1

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	49.64	74.00	-24.36	46.13	3	Horizontal	92	2.95	-	32.60	4.54	33.63
AV	4.82392G	44.98	54.00	-9.02	41.47	3	Horizontal	92	2.95	-	32.60	4.54	33.63

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2417MHz_TX



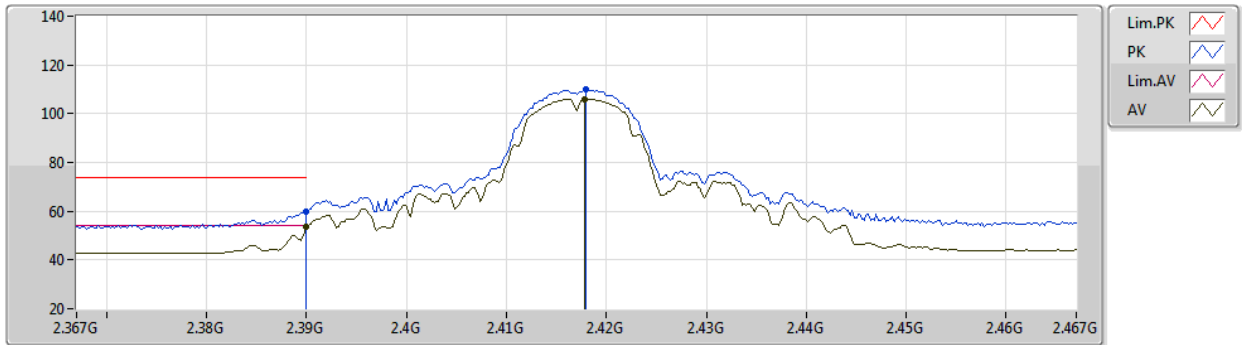
EUT Y_2TX
Setting 66
04-C-M-1

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	60.76	74.00	-13.24	30.55	3	Vertical	291	2.03	-	27.51	2.70	-
AV	2.39G	53.20	54.00	-0.80	22.99	3	Vertical	291	2.03	-	27.51	2.70	-
PK	2.418G	110.10	Inf	-Inf	79.83	3	Vertical	291	2.03	-	27.57	2.70	-
AV	2.4188G	106.15	Inf	-Inf	75.87	3	Vertical	291	2.03	-	27.58	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2417MHz_TX



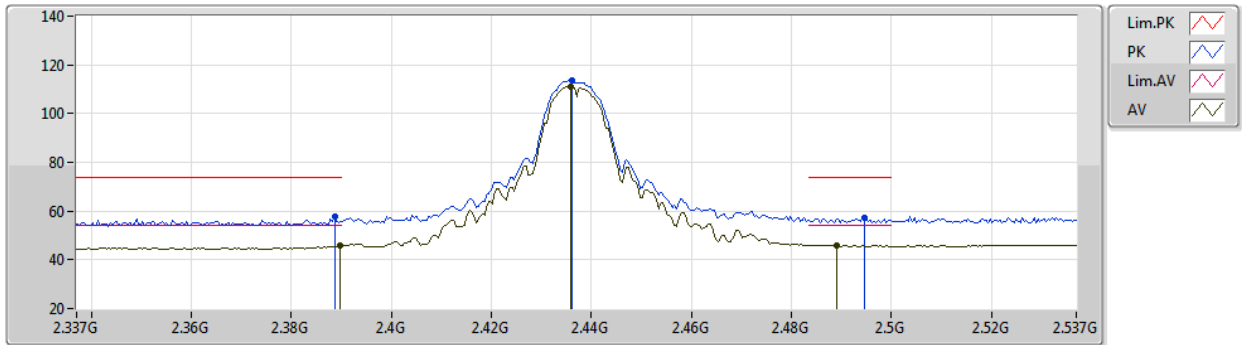
EUT Y_2TX
Setting 66
04-C-M-1

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	60.01	74.00	-13.99	29.80	3	Horizontal	293	2.06	-	27.51	2.70	-
AV	2.39G	53.67	54.00	-0.33	23.46	3	Horizontal	293	2.06	-	27.51	2.70	-
PK	2.418G	110.08	Inf	-Inf	79.81	3	Horizontal	293	2.06	-	27.57	2.70	-
AV	2.4178G	106.08	Inf	-Inf	75.81	3	Horizontal	293	2.06	-	27.57	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2437MHz_TX



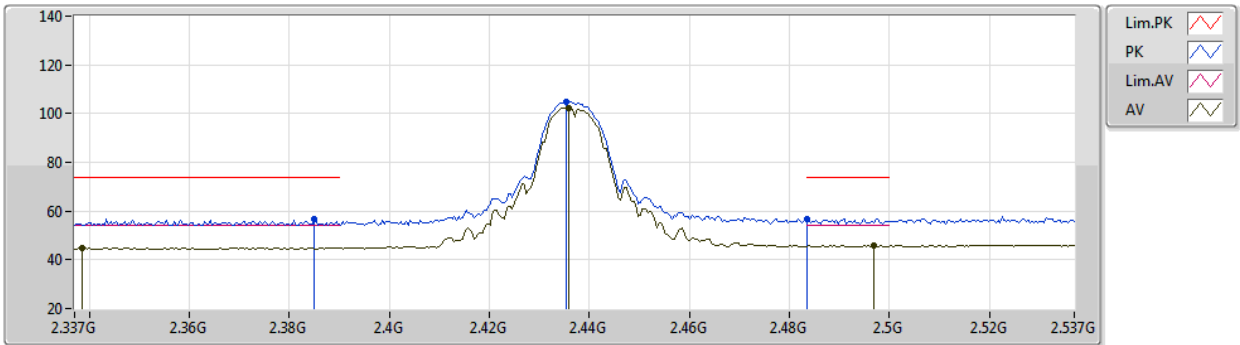
EUT Y_2TX
Setting 74
04-F-Z-1

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	57.57	74.00	-16.43	27.36	3	Vertical	87	2.69	-	27.51	2.70	-
AV	2.3898G	45.98	54.00	-8.02	15.77	3	Vertical	87	2.69	-	27.51	2.70	-
PK	2.4362G	113.52	Inf	-Inf	83.18	3	Vertical	87	2.69	-	27.64	2.70	-
AV	2.4358G	111.08	Inf	-Inf	80.74	3	Vertical	87	2.69	-	27.64	2.70	-
PK	2.4946G	57.42	74.00	-16.58	26.84	3	Vertical	87	2.69	-	27.88	2.70	-
AV	2.489G	45.97	54.00	-8.03	15.41	3	Vertical	87	2.69	-	27.86	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2437MHz_TX



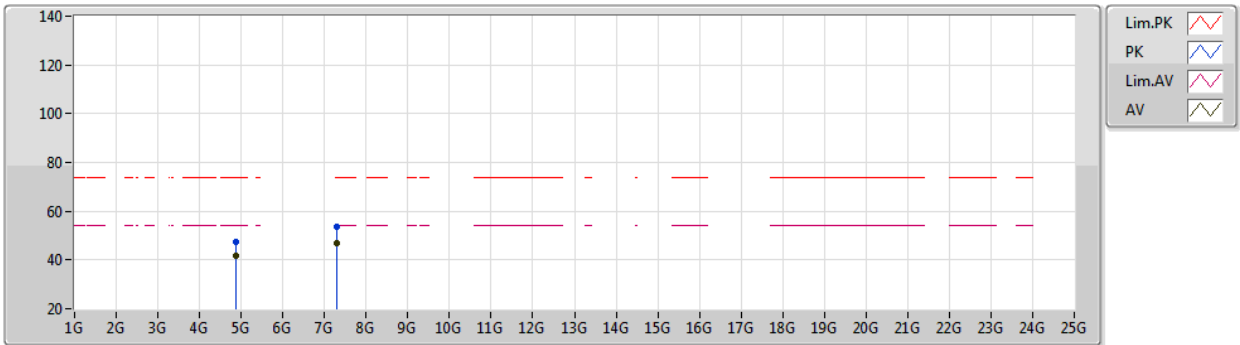
EUT Y_2TX
Setting 74
04-F-Z-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.385G	56.95	74.00	-17.05	26.73	3	Horizontal	165	3.00	-	27.52	2.70	-
AV	2.3386G	45.03	54.00	-8.97	14.77	3	Horizontal	165	3.00	-	27.56	2.70	-
PK	2.4354G	104.95	Inf	-Inf	74.61	3	Horizontal	165	3.00	-	27.64	2.70	-
AV	2.4358G	102.48	Inf	-Inf	72.14	3	Horizontal	165	3.00	-	27.64	2.70	-
PK	2.4835G	56.95	74.00	-17.05	26.42	3	Horizontal	165	3.00	-	27.83	2.70	-
AV	2.497G	45.76	54.00	-8.24	15.17	3	Horizontal	165	3.00	-	27.89	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2437MHz_TX



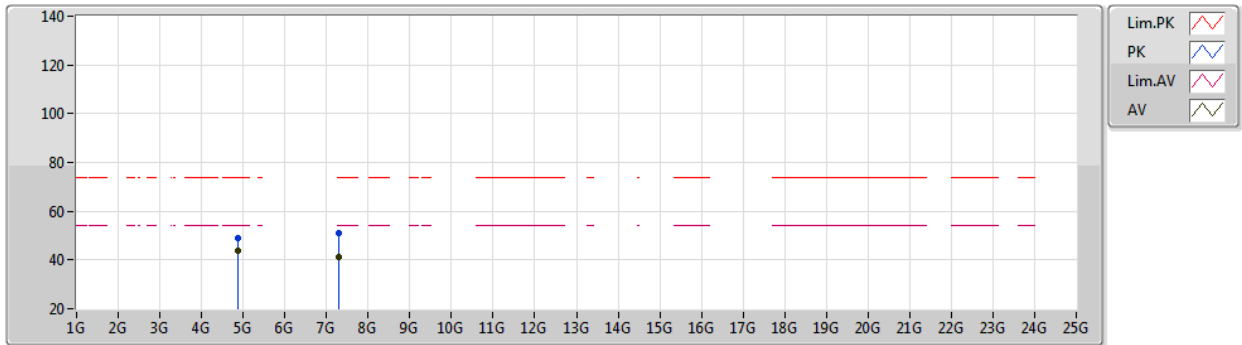
EUT Y_2TX
Setting 74
04-F-Z-1

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	4.87412G	47.35	74.00	-26.65	43.55	3	Vertical	104	1.95	-	32.80	4.61	33.61
AV	4.87396G	41.64	54.00	-12.36	37.84	3	Vertical	104	1.95	-	32.80	4.61	33.61
PK	7.30956G	53.51	74.00	-20.49	44.46	3	Vertical	352	1.91	-	37.51	5.50	33.96
AV	7.30996G	46.77	54.00	-7.23	37.72	3	Vertical	352	1.91	-	37.51	5.50	33.96

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2437MHz_TX



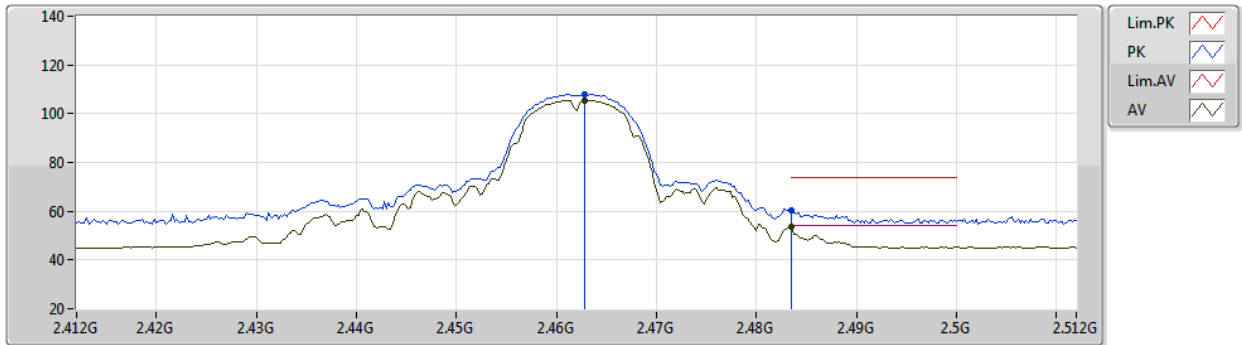
EUT Y_2TX
Setting 74
04-F-Z-1

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	4.87396G	48.99	74.00	-25.01	45.19	3	Horizontal	94	3.00	-	32.80	4.61	33.61
AV	4.87396G	43.81	54.00	-10.19	40.01	3	Horizontal	94	3.00	-	32.80	4.61	33.61
PK	7.30992G	50.98	74.00	-23.02	41.93	3	Horizontal	274	1.94	-	37.51	5.50	33.96
AV	7.31004G	41.42	54.00	-12.58	32.37	3	Horizontal	274	1.94	-	37.51	5.50	33.96

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2462MHz_TX



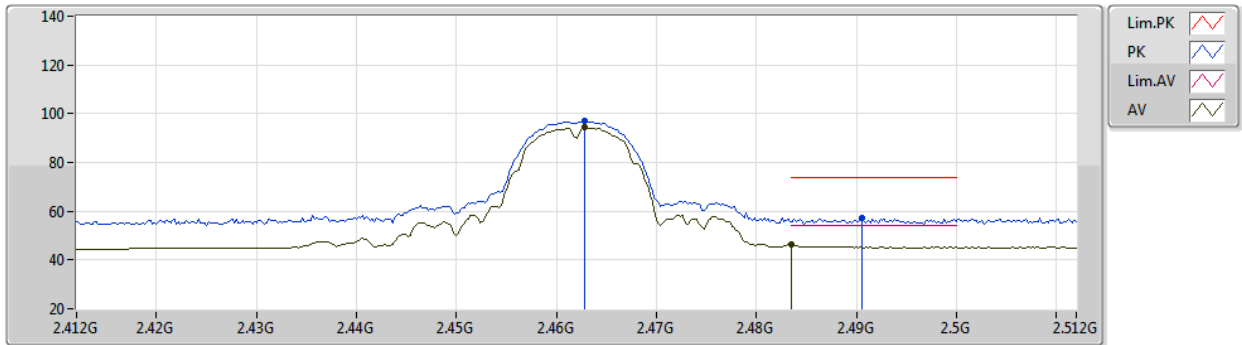
EUT Y_2TX
Setting 65
04-F-Z-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	108.02	Inf	-Inf	77.57	3	Vertical	85	2.95	-	27.75	2.70	-
AV	2.4628G	105.57	Inf	-Inf	75.12	3	Vertical	85	2.95	-	27.75	2.70	-
PK	2.4835G	60.50	74.00	-13.50	29.97	3	Vertical	85	2.95	-	27.83	2.70	-
AV	2.4835G	53.85	54.00	-0.15	23.32	3	Vertical	85	2.95	-	27.83	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2462MHz_TX



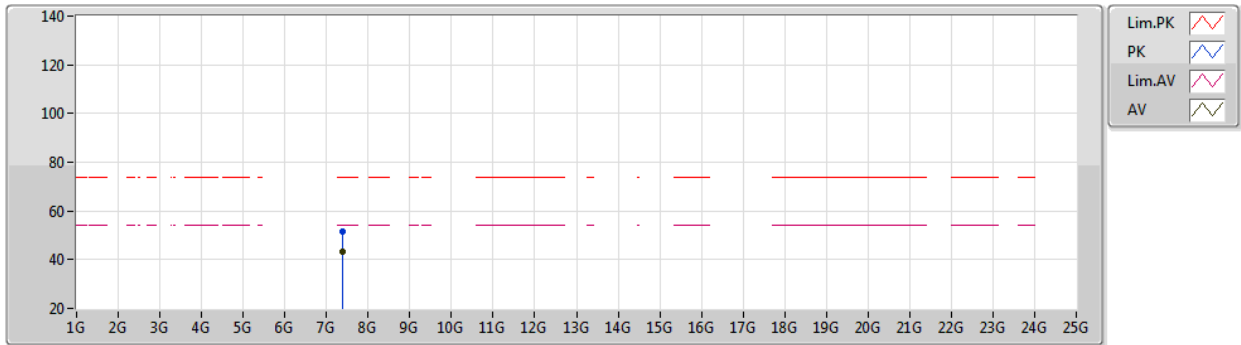
EUT Y_2TX
Setting 65
04-F-Z-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	96.82	Inf	-Inf	66.37	3	Horizontal	280	2.35	-	27.75	2.70	-
AV	2.4628G	94.32	Inf	-Inf	63.87	3	Horizontal	280	2.35	-	27.75	2.70	-
PK	2.4906G	57.33	74.00	-16.67	26.77	3	Horizontal	280	2.35	-	27.86	2.70	-
AV	2.4835G	46.18	54.00	-7.82	15.65	3	Horizontal	280	2.35	-	27.83	2.70	-

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2462MHz_TX



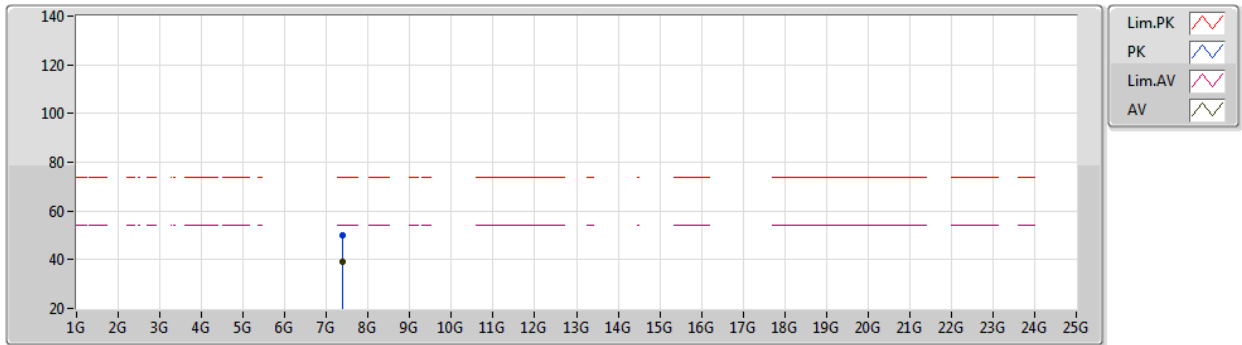
EUT Y_2TX
Setting 65
04-F-Z-1

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	7.38704G	51.56	74.00	-22.44	42.29	3	Vertical	353	1.80	-	37.59	5.67	33.99
AV	7.38664G	43.12	54.00	-10.88	33.85	3	Vertical	353	1.80	-	37.59	5.67	33.99

802.11b_Nss1,(1Mbps)_2TX

14/01/2020

2462MHz_TX



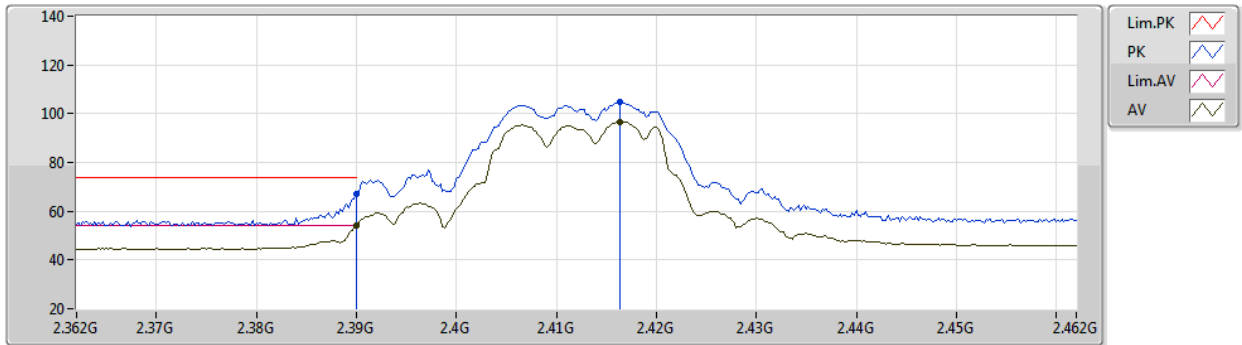
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Setting 65
04-F-Z-1

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	7.38528G	50.05	74.00	-23.95	40.78	3	Horizontal	274	1.85	-	37.59	5.67	33.99
AV	7.38664G	38.99	54.00	-15.01	29.72	3	Horizontal	274	1.85	-	37.59	5.67	33.99

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2412MHz_TX



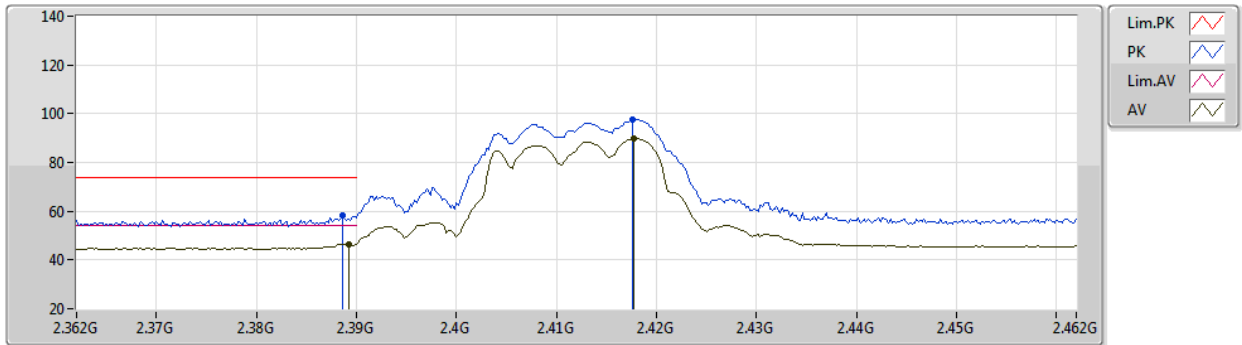
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Setting 51
04-F-Z-1

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	67.24	74.00	-6.76	37.03	3	Vertical	78	3.00	-	27.51	2.70	-
AV	2.39G	53.98	54.00	-0.02	23.77	3	Vertical	78	3.00	-	27.51	2.70	-
PK	2.4164G	104.86	Inf	-Inf	74.59	3	Vertical	78	3.00	-	27.57	2.70	-
AV	2.4164G	96.80	Inf	-Inf	66.53	3	Vertical	78	3.00	-	27.57	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2412MHz_TX



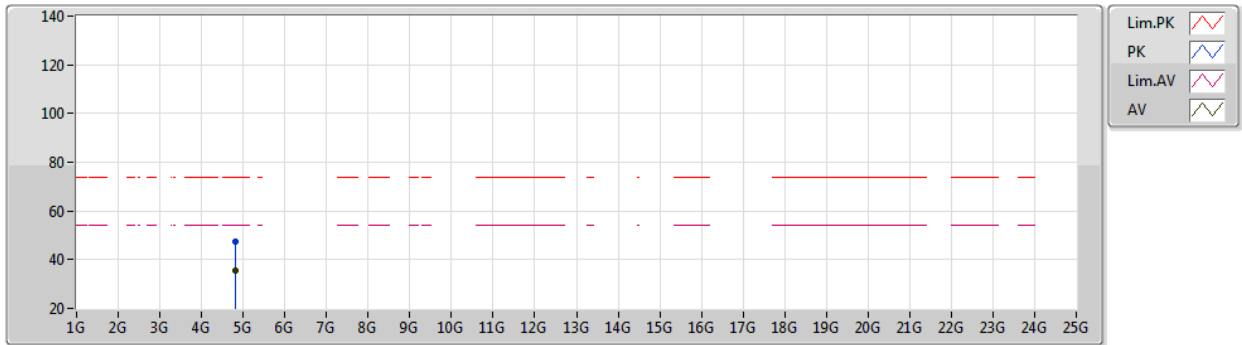
EUT Y_2TX
Setting 51
04-F-Z-1

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	58.30	74.00	-15.70	28.09	3	Horizontal	166	3.00	-	27.51	2.70	-
AV	2.3892G	46.41	54.00	-7.59	16.20	3	Horizontal	166	3.00	-	27.51	2.70	-
PK	2.4176G	97.57	Inf	-Inf	67.30	3	Horizontal	166	3.00	-	27.57	2.70	-
AV	2.4178G	89.67	Inf	-Inf	59.40	3	Horizontal	166	3.00	-	27.57	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2412MHz_TX



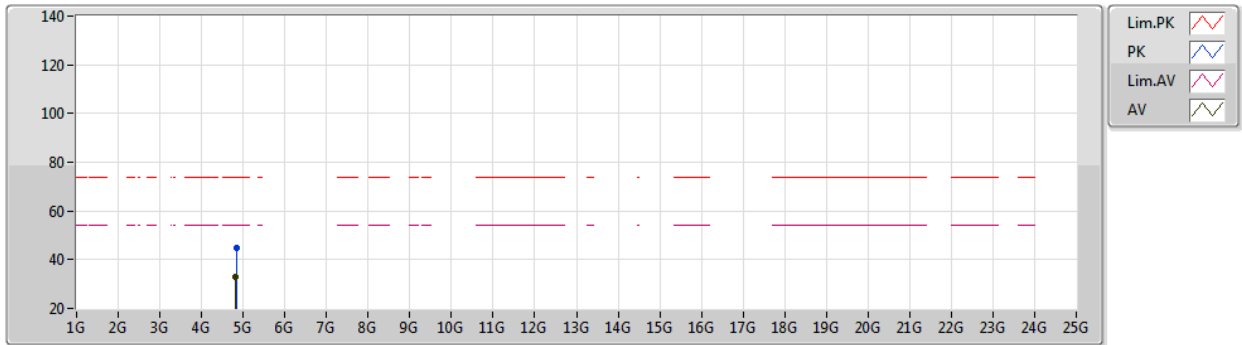
EUT Y_2TX
Setting 51
04-F-Z-1

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	4.82144G	47.27	74.00	-26.73	43.78	3	Vertical	30	2.95	-	32.59	4.53	33.63
AV	4.82648G	35.55	54.00	-18.45	32.03	3	Vertical	30	2.95	-	32.61	4.54	33.63

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2412MHz_TX



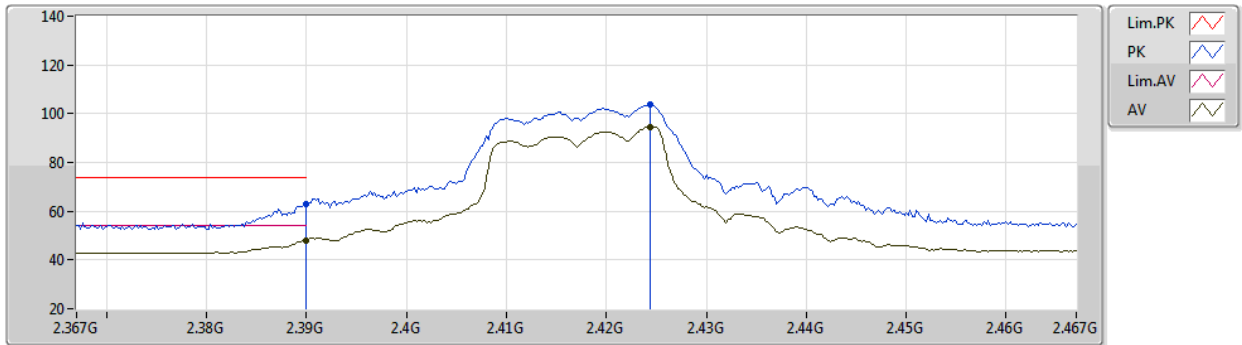
EUT Y_2TX
Setting 51
04-F-Z-1

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	4.83196G	44.62	74.00	-29.38	41.07	3	Horizontal	295	2.11	-	32.63	4.55	33.63
AV	4.82716G	33.10	54.00	-20.90	29.58	3	Horizontal	295	2.11	-	32.61	4.54	33.63

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2417MHz_TX



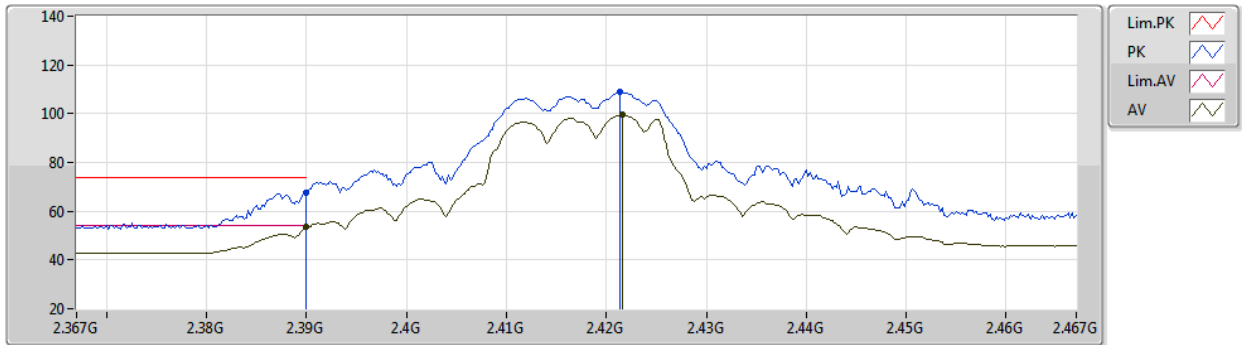
EUT Y_2TX
Setting 58
04-C-M-1

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	63.11	74.00	-10.89	32.90	3	Vertical	306	2.86	-	27.51	2.70	-
AV	2.39G	48.14	54.00	-5.86	17.93	3	Vertical	306	2.86	-	27.51	2.70	-
PK	2.4244G	103.92	Inf	-Inf	73.62	3	Vertical	306	2.86	-	27.60	2.70	-
AV	2.4244G	94.62	Inf	-Inf	64.32	3	Vertical	306	2.86	-	27.60	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2417MHz_TX



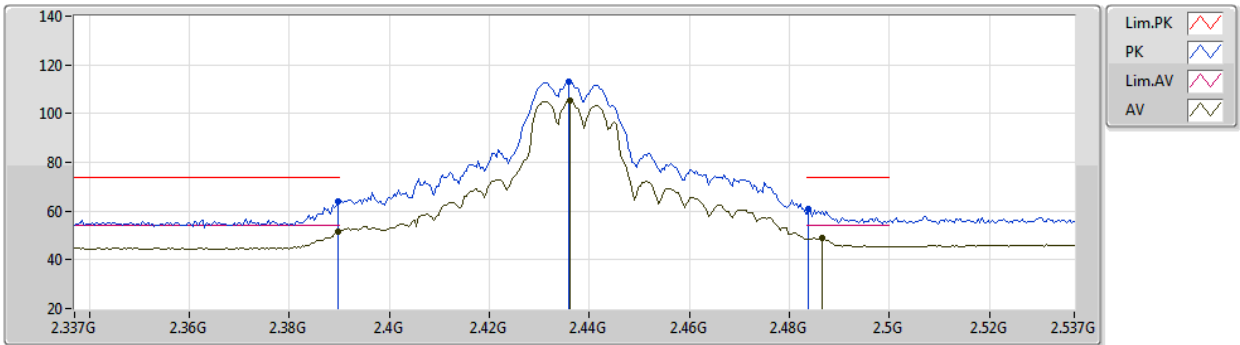
EUT Y_2TX
Setting 58
04-C-M-1

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	67.77	74.00	-6.23	37.56	3	Horizontal	293	2.02	-	27.51	2.70	-
AV	2.39G	53.71	54.00	-0.29	23.50	3	Horizontal	293	2.02	-	27.51	2.70	-
PK	2.4214G	109.00	Inf	-Inf	78.71	3	Horizontal	293	2.02	-	27.59	2.70	-
AV	2.4216G	99.55	Inf	-Inf	69.26	3	Horizontal	293	2.02	-	27.59	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2437MHz_TX



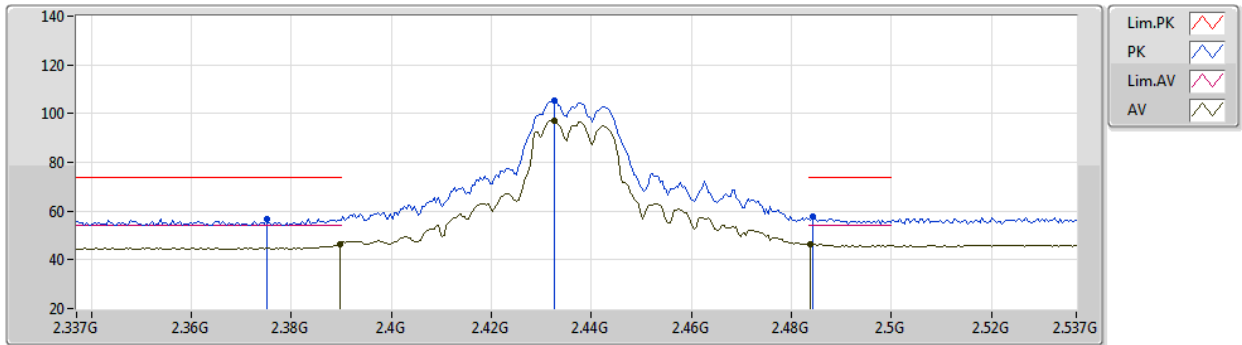
EUT Y_2TX
Setting 63
04-F-Z-1

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	63.81	74.00	-10.19	33.60	3	Vertical	82	2.71	-	27.51	2.70	-
AV	2.3898G	51.54	54.00	-2.46	21.33	3	Vertical	82	2.71	-	27.51	2.70	-
PK	2.4358G	113.35	Inf	-Inf	83.01	3	Vertical	82	2.71	-	27.64	2.70	-
AV	2.4362G	105.53	Inf	-Inf	75.19	3	Vertical	82	2.71	-	27.64	2.70	-
PK	2.4838G	61.00	74.00	-13.00	30.46	3	Vertical	82	2.71	-	27.84	2.70	-
AV	2.4866G	48.88	54.00	-5.12	18.33	3	Vertical	82	2.71	-	27.85	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2437MHz_TX



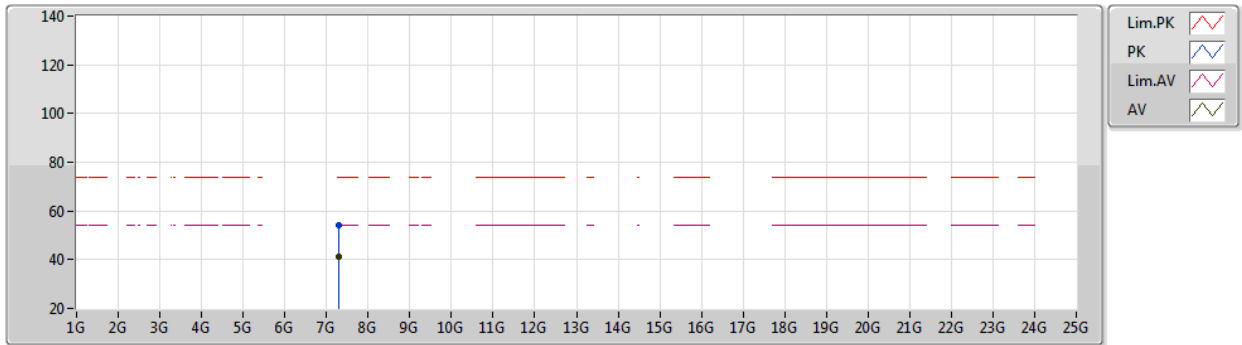
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Setting 63
04-F-Z-1

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	2.375G	56.79	74.00	-17.21	26.57	3	Horizontal	165	3.00	-	27.52	2.70	-
AV	2.3898G	46.62	54.00	-7.38	16.41	3	Horizontal	165	3.00	-	27.51	2.70	-
PK	2.4326G	105.45	Inf	-Inf	75.12	3	Horizontal	165	3.00	-	27.63	2.70	-
AV	2.4326G	97.05	Inf	-Inf	66.72	3	Horizontal	165	3.00	-	27.63	2.70	-
PK	2.4842G	57.70	74.00	-16.30	27.16	3	Horizontal	165	3.00	-	27.84	2.70	-
AV	2.4838G	46.43	54.00	-7.57	15.89	3	Horizontal	165	3.00	-	27.84	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2437MHz_TX



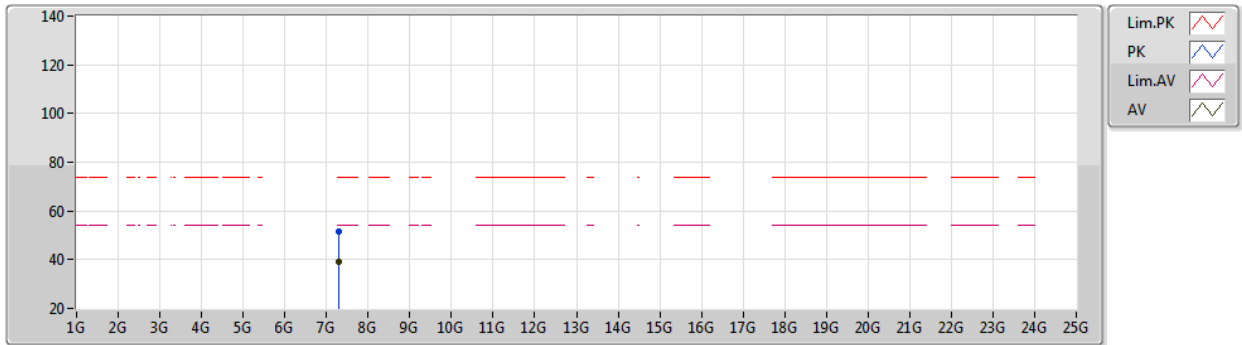
EUT Y_2TX
Setting 63
04-F-Z-1

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	7.30152G	54.38	74.00	-19.62	45.36	3	Vertical	354	1.83	-	37.50	5.48	33.96
AV	7.30632G	41.39	54.00	-12.61	32.35	3	Vertical	354	1.83	-	37.51	5.49	33.96

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2437MHz_TX



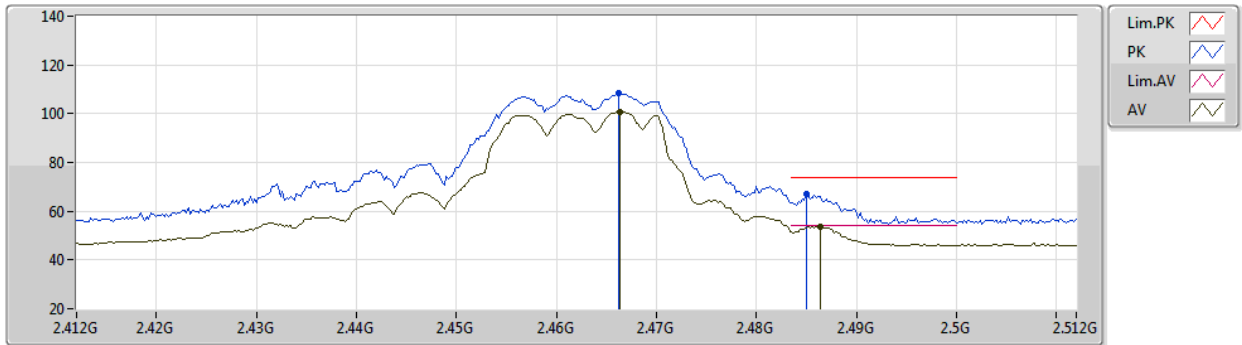
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Setting 63
04-F-Z-1

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	7.3046G	51.51	74.00	-22.49	42.48	3	Horizontal	279	1.80	-	37.50	5.49	33.96
AV	7.30484G	39.13	54.00	-14.87	30.10	3	Horizontal	279	1.80	-	37.50	5.49	33.96

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2462MHz_TX



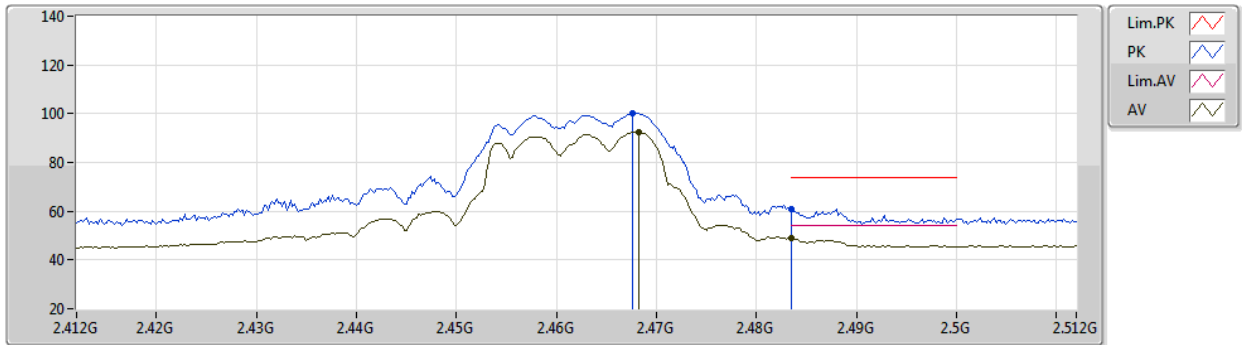
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Setting 58
04-F-Z-1

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	2.4662G	108.49	Inf	-Inf	78.03	3	Vertical	84	2.93	-	27.76	2.70	-
AV	2.4664G	100.51	Inf	-Inf	70.04	3	Vertical	84	2.93	-	27.77	2.70	-
PK	2.485G	67.22	74.00	-6.78	36.68	3	Vertical	84	2.93	-	27.84	2.70	-
AV	2.4864G	53.86	54.00	-0.14	23.31	3	Vertical	84	2.93	-	27.85	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2462MHz_TX



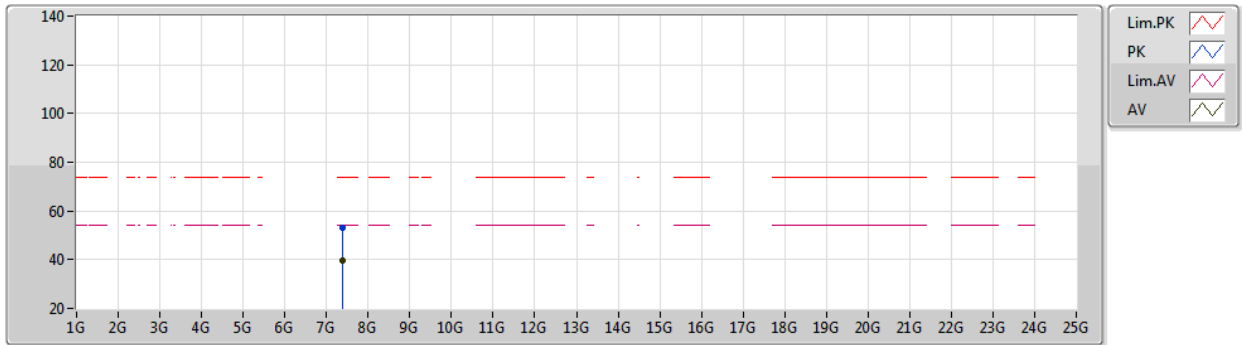
EUT Y_2TX
Setting 58
04-F-Z-1

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	2.4676G	100.08	Inf	-Inf	69.61	3	Horizontal	164	2.92	-	27.77	2.70	-
AV	2.4682G	92.38	Inf	-Inf	61.91	3	Horizontal	164	2.92	-	27.77	2.70	-
PK	2.4835G	60.95	74.00	-13.05	30.42	3	Horizontal	164	2.92	-	27.83	2.70	-
AV	2.4835G	48.86	54.00	-5.14	18.33	3	Horizontal	164	2.92	-	27.83	2.70	-

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2462MHz_TX



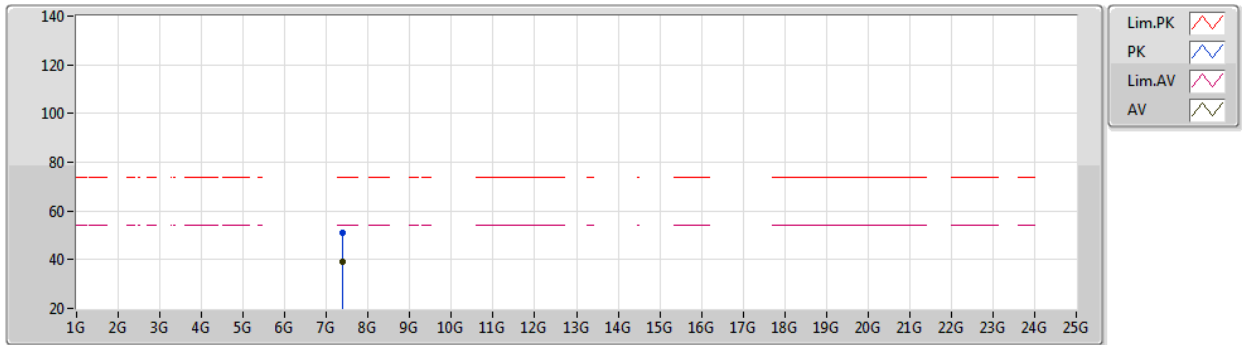
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Setting 58
04-F-Z-1

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	7.37992G	53.14	74.00	-20.86	43.89	3	Vertical	353	1.90	-	37.58	5.66	33.99
AV	7.38576G	39.67	54.00	-14.33	30.40	3	Vertical	353	1.90	-	37.59	5.67	33.99

802.11g_Nss1,(6Mbps)_2TX

14/01/2020

2462MHz_TX



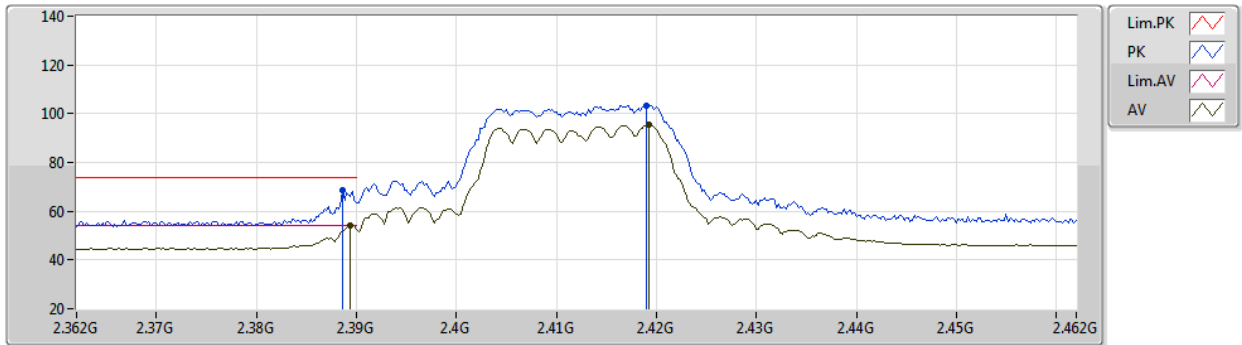
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Setting 58
04-F-Z-1

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	7.394G	51.03	74.00	-22.97	41.75	3	Horizontal	292	2.67	-	37.59	5.69	34.00
AV	7.38432G	39.05	54.00	-14.95	29.79	3	Horizontal	292	2.67	-	37.58	5.67	33.99

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2412MHz_TX



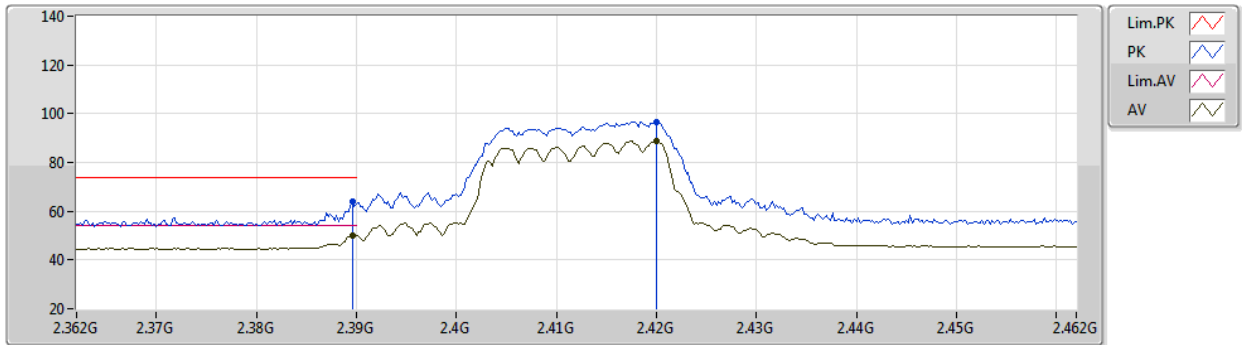
EUT Y_2TX
Setting 58
04-F-Z-1

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	68.48	74.00	-5.52	38.27	3	Vertical	80	2.52	-	27.51	2.70	-
AV	2.3894G	53.98	54.00	-0.02	23.77	3	Vertical	80	2.52	-	27.51	2.70	-
PK	2.419G	103.49	Inf	-Inf	73.21	3	Vertical	80	2.52	-	27.58	2.70	-
AV	2.4192G	95.38	Inf	-Inf	65.10	3	Vertical	80	2.52	-	27.58	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2412MHz_TX



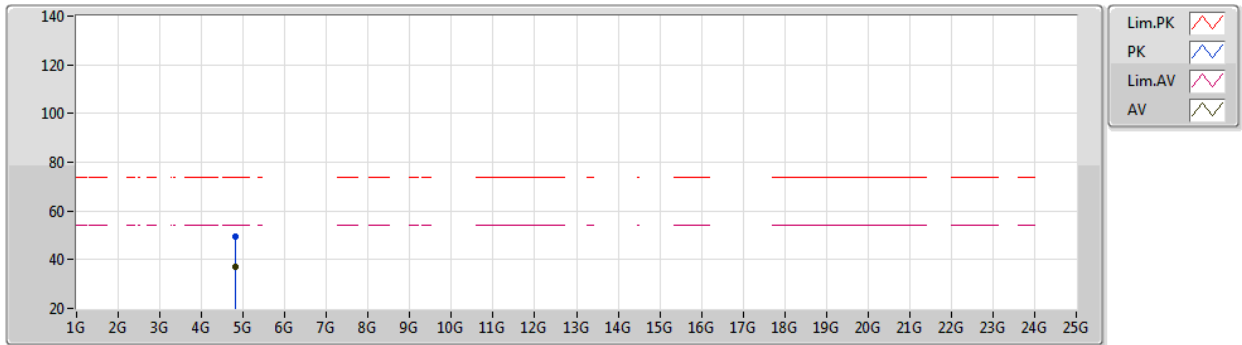
EUT Y_2TX
Setting 58
04-F-Z-1

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	63.80	74.00	-10.20	33.59	3	Horizontal	166	3.00	-	27.51	2.70	-
AV	2.3896G	50.14	54.00	-3.86	19.93	3	Horizontal	166	3.00	-	27.51	2.70	-
PK	2.42G	96.52	Inf	-Inf	66.24	3	Horizontal	166	3.00	-	27.58	2.70	-
AV	2.42G	88.61	Inf	-Inf	58.33	3	Horizontal	166	3.00	-	27.58	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2412MHz_TX



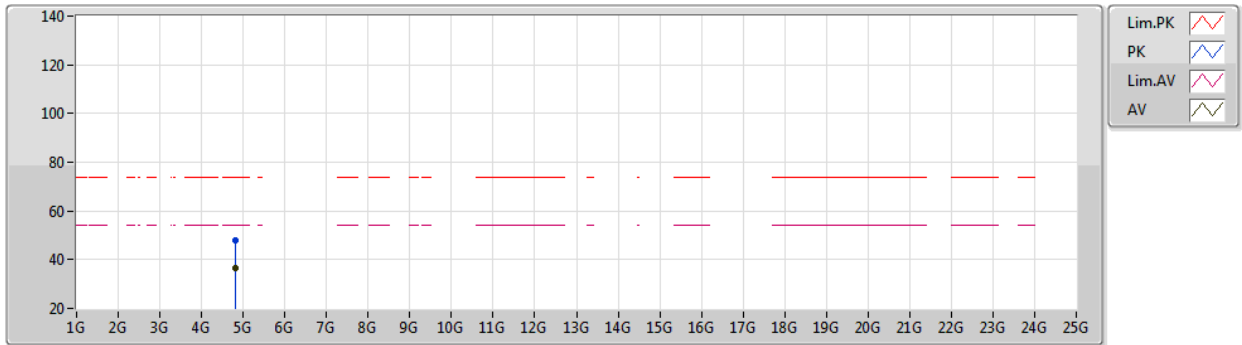
EUT Y_2TX
Setting 58
04-F-Z-1

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	4.82388G	49.37	74.00	-24.63	45.86	3	Vertical	291	2.63	-	32.60	4.54	33.63
AV	4.82342G	37.01	54.00	-16.99	33.51	3	Vertical	291	2.63	-	32.59	4.54	33.63

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2412MHz_TX



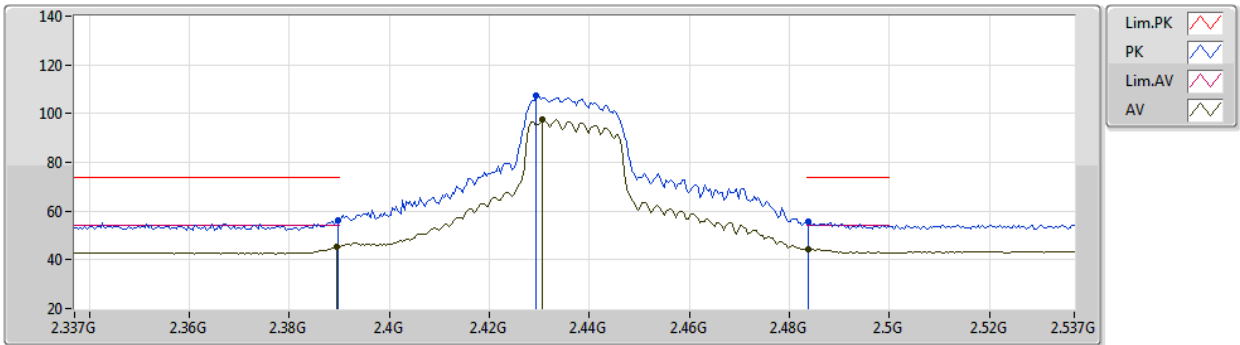
EUT Y_2TX
Setting 58
04-F-Z-1

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	4.8242G	48.14	74.00	-25.86	44.63	3	Horizontal	346	2.47	-	32.60	4.54	33.63
AV	4.82495G	36.52	54.00	-17.48	33.01	3	Horizontal	346	2.47	-	32.60	4.54	33.63

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



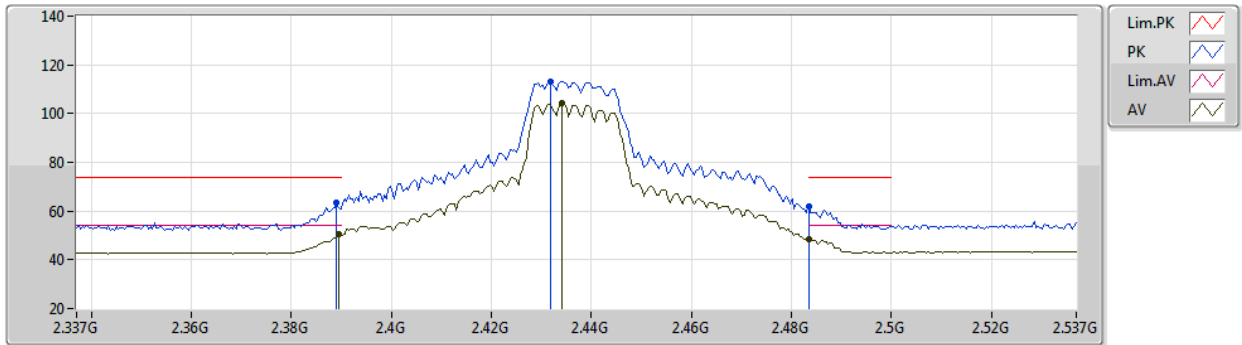
EUT Y_2TX
Setting 63
04-C-M-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	56.30	74.00	-17.70	26.09	3	Vertical	305	2.84	-	27.51	2.70	-
AV	2.3894G	45.11	54.00	-8.89	14.90	3	Vertical	305	2.84	-	27.51	2.70	-
PK	2.4294G	107.50	Inf	-Inf	77.18	3	Vertical	305	2.84	-	27.62	2.70	-
AV	2.4306G	97.53	Inf	-Inf	67.21	3	Vertical	305	2.84	-	27.62	2.70	-
PK	2.4838G	55.66	74.00	-18.34	25.12	3	Vertical	305	2.84	-	27.84	2.70	-
AV	2.4838G	44.36	54.00	-9.64	13.82	3	Vertical	305	2.84	-	27.84	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



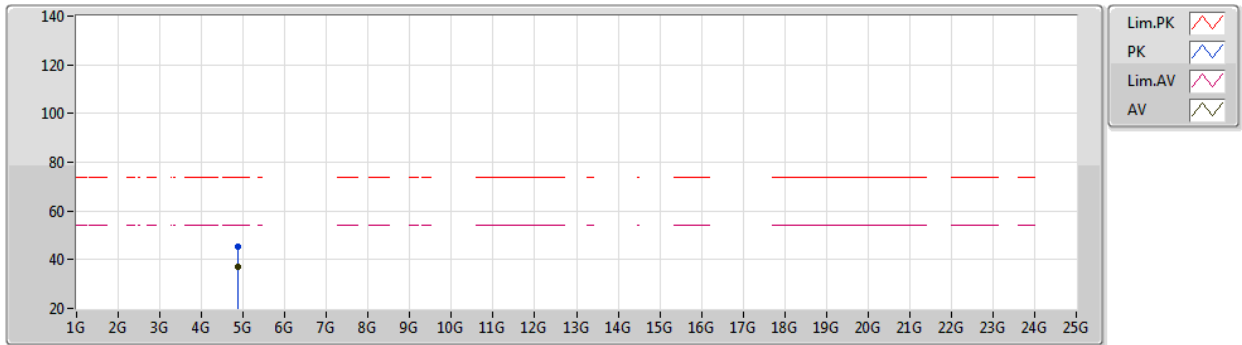
EUT Y_2TX
Setting 63
04-C-M-1

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	63.56	74.00	-10.44	33.35	3	Horizontal	292	2.07	-	27.51	2.70	-
AV	2.3894G	50.35	54.00	-3.65	20.14	3	Horizontal	292	2.07	-	27.51	2.70	-
PK	2.4318G	113.31	Inf	-Inf	82.98	3	Horizontal	292	2.07	-	27.63	2.70	-
AV	2.4342G	104.24	Inf	-Inf	73.90	3	Horizontal	292	2.07	-	27.64	2.70	-
PK	2.4835G	62.12	74.00	-11.88	31.59	3	Horizontal	292	2.07	-	27.83	2.70	-
AV	2.4835G	48.38	54.00	-5.62	17.85	3	Horizontal	292	2.07	-	27.83	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



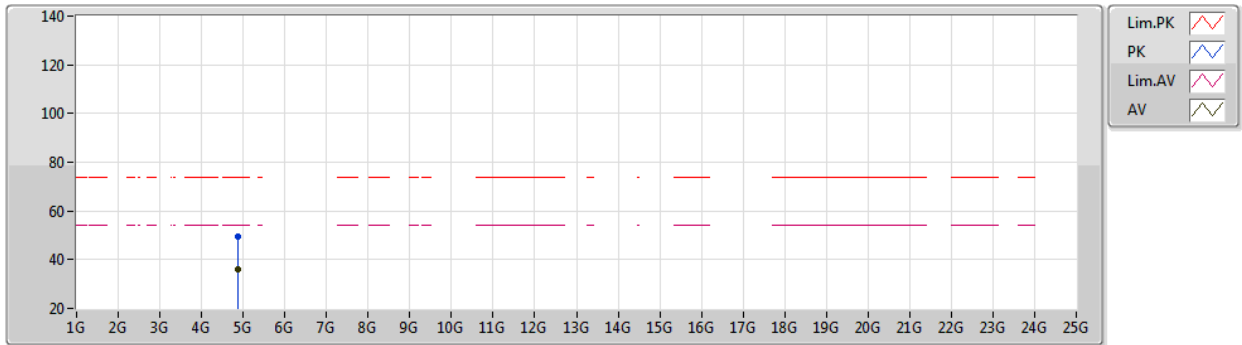
EUT Y_2TX
Setting 63
04-C-M-1

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	4.86568G	45.18	74.00	-28.82	41.43	3	Vertical	221	2.70	-	32.76	4.60	33.61
AV	4.864G	37.25	54.00	-16.75	33.50	3	Vertical	221	2.70	-	32.76	4.60	33.61

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



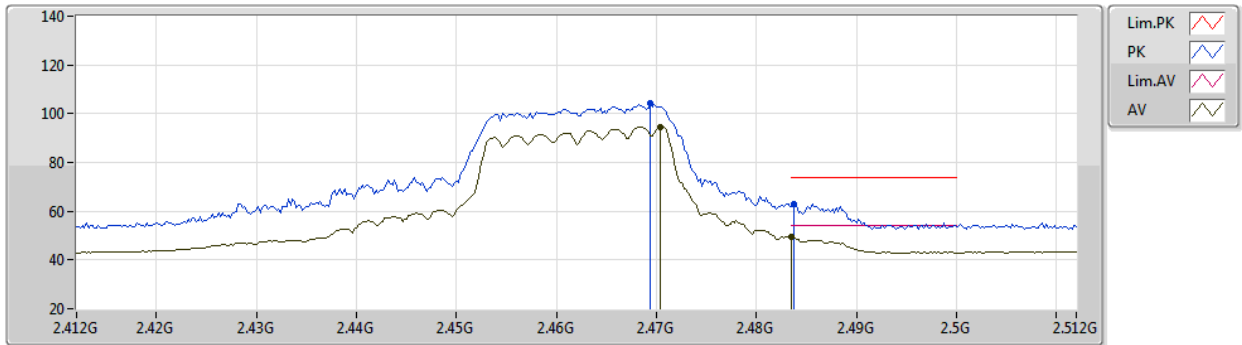
EUT Y_2TX
Setting 63
04-C-M-1

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	4.87652G	49.37	74.00	-24.63	45.56	3	Horizontal	150	2.50	-	32.81	4.61	33.61
AV	4.87876G	35.95	54.00	-18.05	32.12	3	Horizontal	150	2.50	-	32.82	4.62	33.61

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2462MHz_TX



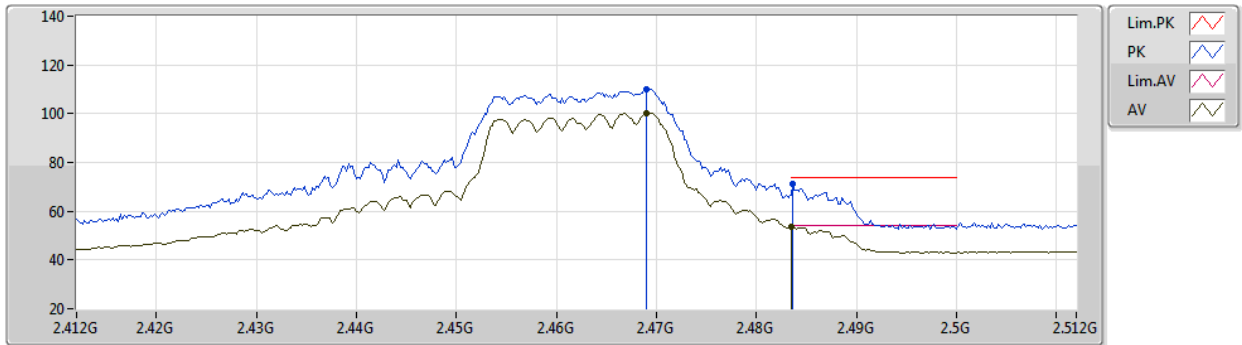
EUT Y_2TX
Setting 57
04-C-M-1

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	2.4694G	104.28	Inf	-Inf	73.80	3	Vertical	315	3.00	-	27.78	2.70	-
AV	2.4704G	94.63	Inf	-Inf	64.15	3	Vertical	315	3.00	-	27.78	2.70	-
PK	2.4838G	63.11	74.00	-10.89	32.57	3	Vertical	315	3.00	-	27.84	2.70	-
AV	2.4835G	49.43	54.00	-4.57	18.90	3	Vertical	315	3.00	-	27.83	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2462MHz_TX



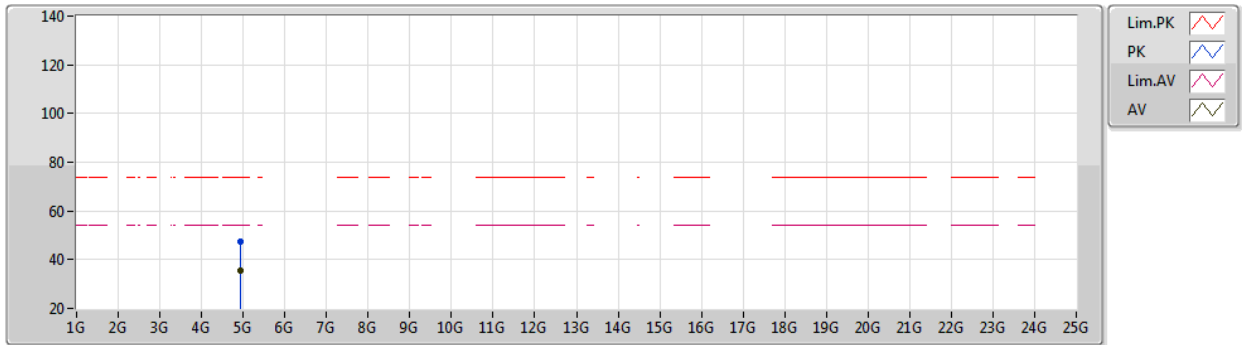
EUT Y_2TX
Setting 57
04-C-M-1

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	2.469G	110.13	Inf	-Inf	79.65	3	Horizontal	291	2.03	-	27.78	2.70	-
AV	2.469G	100.21	Inf	-Inf	69.73	3	Horizontal	291	2.03	-	27.78	2.70	-
PK	2.4836G	71.42	74.00	-2.58	40.89	3	Horizontal	291	2.03	-	27.83	2.70	-
AV	2.4835G	53.69	54.00	-0.31	23.16	3	Horizontal	291	2.03	-	27.83	2.70	-

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2462MHz_TX



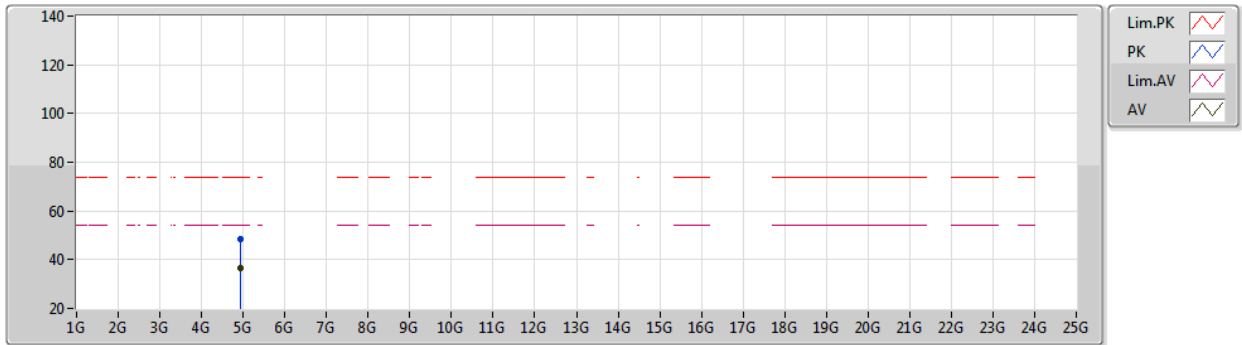
EUT Y_2TX
Setting 57
04-C-M-1

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	4.9246G	47.25	74.00	-26.75	43.20	3	Vertical	339	2.12	-	32.95	4.69	33.59
AV	4.92354G	35.38	54.00	-18.62	31.33	3	Vertical	339	2.12	-	32.95	4.69	33.59

802.11n HT20_Nss1,(MCS0)_2TX

14/01/2020

2462MHz_TX



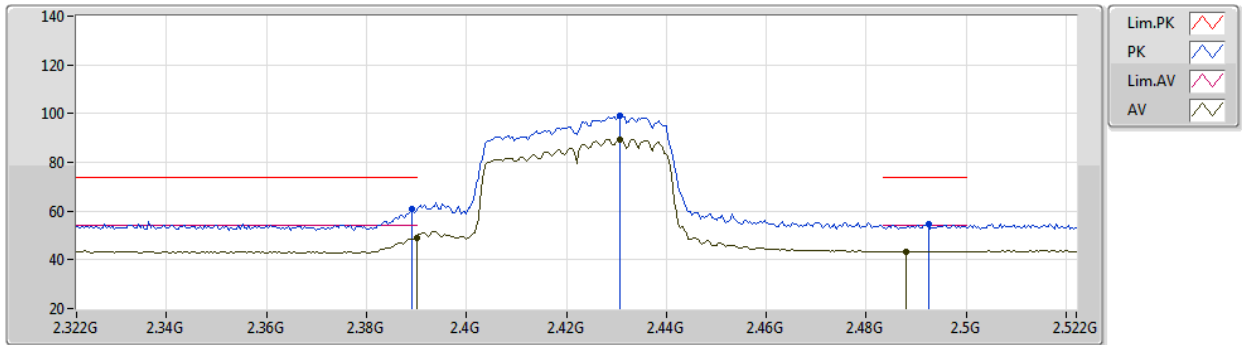
EUT Y_2TX
Setting 57
04-C-M-1

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	4.9243G	48.37	74.00	-25.63	44.32	3	Horizontal	196	2.99	-	32.95	4.69	33.59
AV	4.92486G	36.48	54.00	-17.52	32.43	3	Horizontal	196	2.99	-	32.95	4.69	33.59

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2422MHz_TX



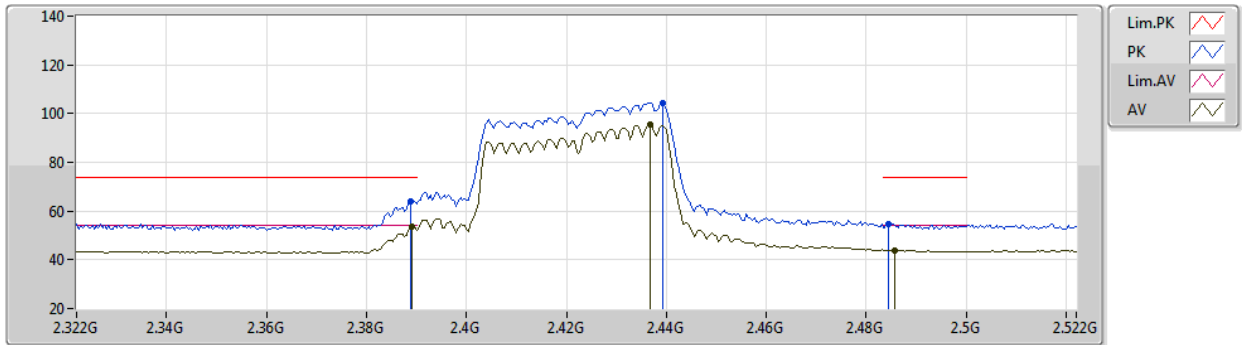
EUT Y_2TX
Setting 38
04-C-M-1

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	60.81	74.00	-13.19	30.60	3	Vertical	308	2.84	-	27.51	2.70	-
AV	2.39G	48.76	54.00	-5.24	18.55	3	Vertical	308	2.84	-	27.51	2.70	-
PK	2.4308G	99.31	Inf	-Inf	68.99	3	Vertical	308	2.84	-	27.62	2.70	-
AV	2.4308G	89.56	Inf	-Inf	59.24	3	Vertical	308	2.84	-	27.62	2.70	-
PK	2.4924G	54.56	74.00	-19.44	23.99	3	Vertical	308	2.84	-	27.87	2.70	-
AV	2.488G	43.50	54.00	-10.50	12.95	3	Vertical	308	2.84	-	27.85	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2422MHz_TX

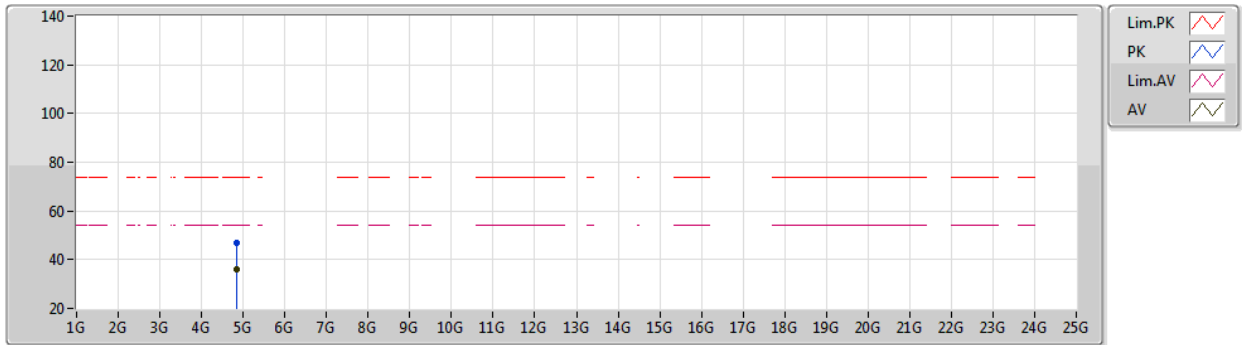

EUT Y_2TX
Setting 38
04-C-M-1

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	63.95	74.00	-10.05	33.74	3	Horizontal	294	2.24	-	27.51	2.70	-
AV	2.3892G	53.72	54.00	-0.28	23.51	3	Horizontal	294	2.24	-	27.51	2.70	-
PK	2.4392G	104.42	Inf	-Inf	74.06	3	Horizontal	294	2.24	-	27.66	2.70	-
AV	2.4368G	95.55	Inf	-Inf	65.20	3	Horizontal	294	2.24	-	27.65	2.70	-
PK	2.4844G	54.81	74.00	-19.19	24.27	3	Horizontal	294	2.24	-	27.84	2.70	-
AV	2.4856G	43.96	54.00	-10.04	13.42	3	Horizontal	294	2.24	-	27.84	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2422MHz_TX



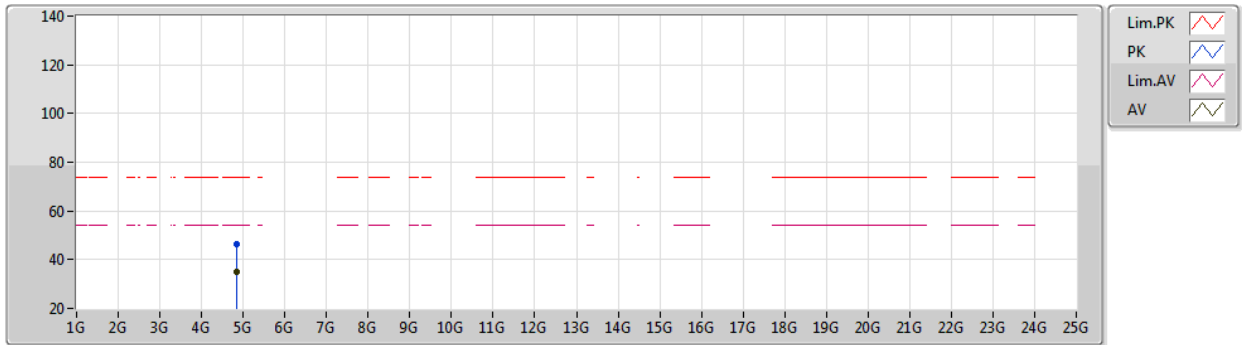
EUT Y_2TX
Setting 38
04-C-M-1

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	47.11	74.00	-26.89	43.48	3	Vertical	338	1.45	-	32.68	4.57	33.62
AV	4.8447G	35.84	54.00	-18.16	32.21	3	Vertical	338	1.45	-	32.68	4.57	33.62

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2422MHz_TX



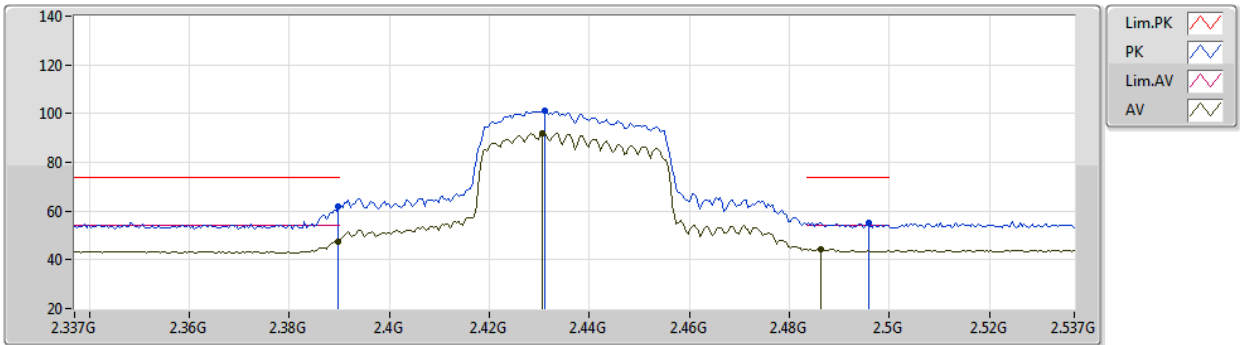
EUT Y_2TX
Setting 38
04-C-M-1

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	4.84449G	46.59	74.00	-27.41	42.96	3	Horizontal	83	2.92	-	32.68	4.57	33.62
AV	4.8431G	34.82	54.00	-19.18	31.21	3	Horizontal	83	2.92	-	32.67	4.56	33.62

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



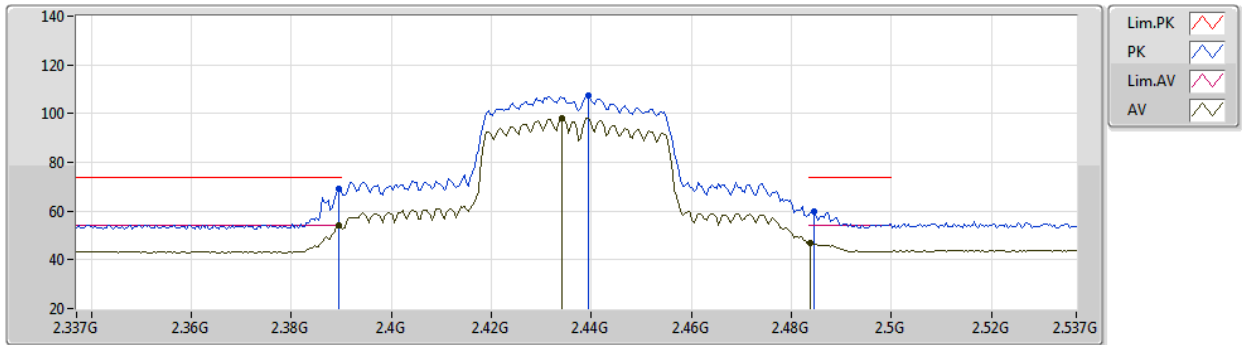
EUT Y_2TX
Setting 47
04-C-M-1

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	62.01	74.00	-11.99	31.80	3	Vertical	308	2.84	-	27.51	2.70	-
AV	2.3898G	47.46	54.00	-6.54	17.25	3	Vertical	308	2.84	-	27.51	2.70	-
PK	2.431G	101.12	Inf	-Inf	70.80	3	Vertical	308	2.84	-	27.62	2.70	-
AV	2.4306G	92.10	Inf	-Inf	61.78	3	Vertical	308	2.84	-	27.62	2.70	-
PK	2.4958G	55.39	74.00	-18.61	24.81	3	Vertical	308	2.84	-	27.88	2.70	-
AV	2.4862G	44.37	54.00	-9.63	13.83	3	Vertical	308	2.84	-	27.84	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



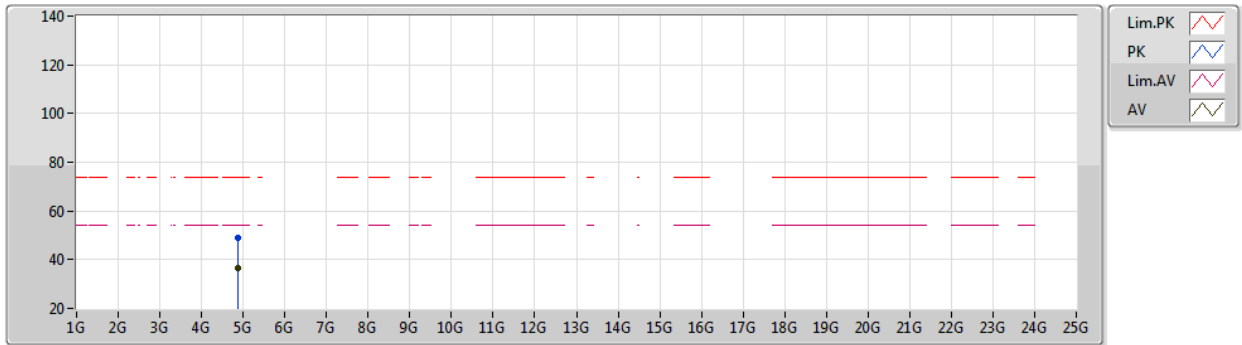
EUT Y_2TX
Setting 47
04-C-M-1

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	68.99	74.00	-5.01	38.78	3	Horizontal	284	2.29	-	27.51	2.70	-
AV	2.3894G	53.93	54.00	-0.07	23.72	3	Horizontal	284	2.29	-	27.51	2.70	-
PK	2.4394G	107.27	Inf	-Inf	76.91	3	Horizontal	284	2.29	-	27.66	2.70	-
AV	2.4342G	98.28	Inf	-Inf	67.94	3	Horizontal	284	2.29	-	27.64	2.70	-
PK	2.4846G	60.03	74.00	-13.97	29.49	3	Horizontal	284	2.29	-	27.84	2.70	-
AV	2.4838G	46.84	54.00	-7.16	16.30	3	Horizontal	284	2.29	-	27.84	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



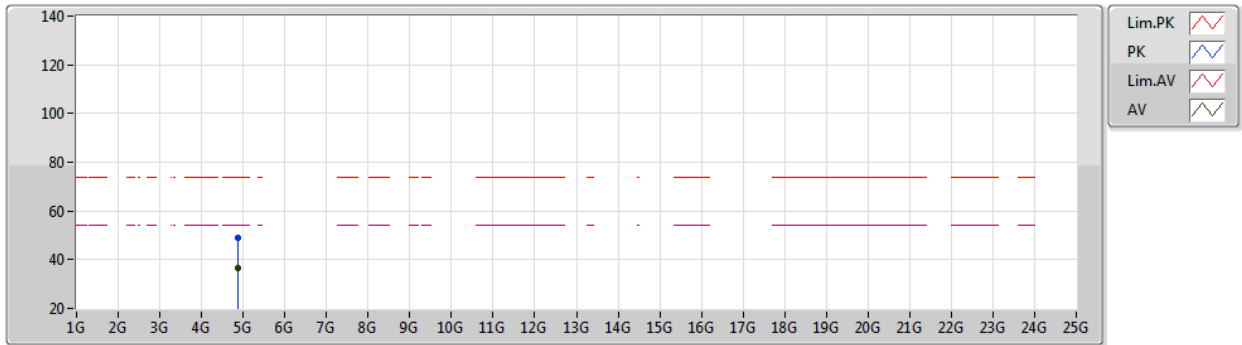
EUT Y_2TX
Setting 47
04-C-M-1

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	4.87368G	48.73	74.00	-25.27	44.94	3	Vertical	63	1.95	-	32.79	4.61	33.61
AV	4.87386G	36.71	54.00	-17.29	32.91	3	Vertical	63	1.95	-	32.80	4.61	33.61

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2437MHz_TX



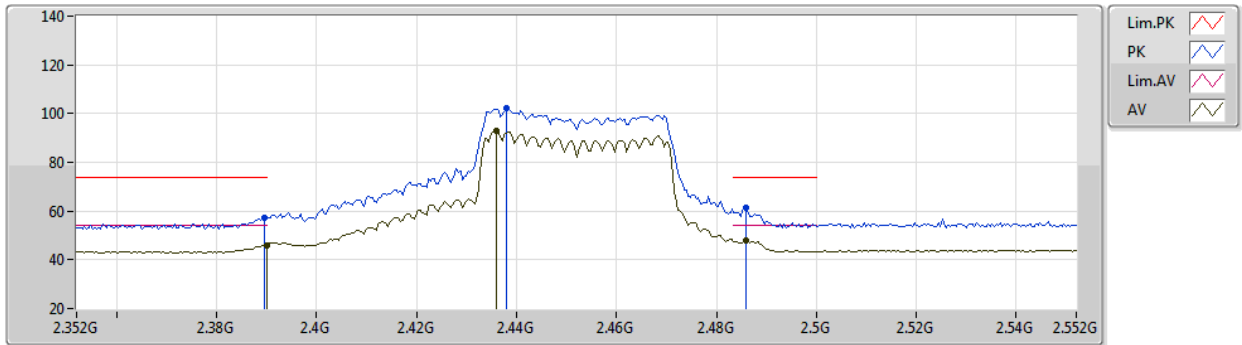
EUT Y_2TX
Setting 47
04-C-M-1

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	4.8738G	48.91	74.00	-25.09	45.11	3	Horizontal	310	2.61	-	32.80	4.61	33.61
AV	4.8735G	36.73	54.00	-17.27	32.94	3	Horizontal	310	2.61	-	32.79	4.61	33.61

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2452MHz_TX



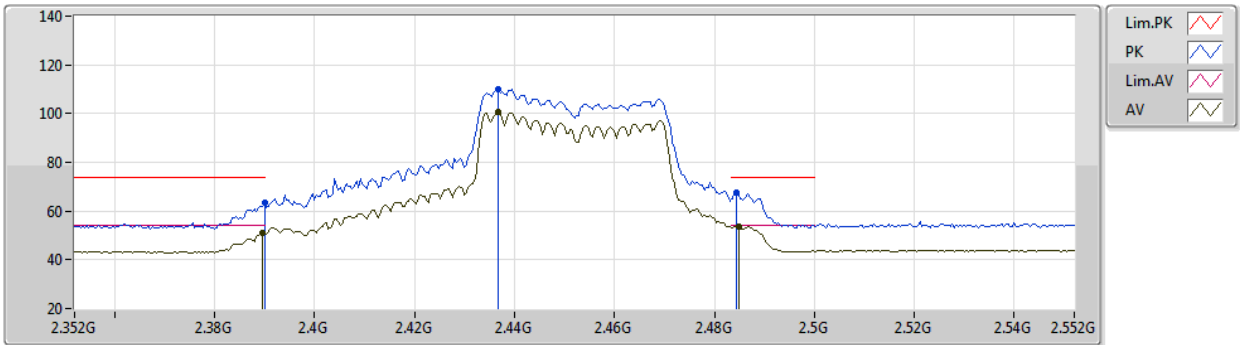
EUT Y_2TX
Setting 54
04-C-M-1

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	57.30	74.00	-16.70	27.09	3	Vertical	322	2.85	-	27.51	2.70	-
AV	2.39G	45.72	54.00	-8.28	15.51	3	Vertical	322	2.85	-	27.51	2.70	-
PK	2.438G	102.14	Inf	-Inf	71.79	3	Vertical	322	2.85	-	27.65	2.70	-
AV	2.436G	92.86	Inf	-Inf	62.52	3	Vertical	322	2.85	-	27.64	2.70	-
PK	2.486G	61.26	74.00	-12.74	30.72	3	Vertical	322	2.85	-	27.84	2.70	-
AV	2.486G	47.68	54.00	-6.32	17.14	3	Vertical	322	2.85	-	27.84	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2452MHz_TX



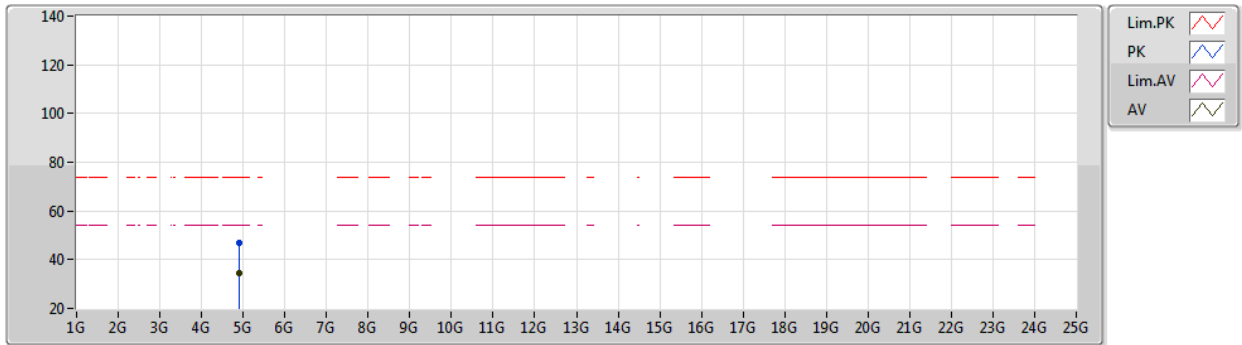
EUT Y_2TX
Setting 54
04-C-M-1

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	63.65	74.00	-10.35	33.44	3	Horizontal	290	2.29	-	27.51	2.70	-
AV	2.3896G	51.24	54.00	-2.76	21.03	3	Horizontal	290	2.29	-	27.51	2.70	-
PK	2.4368G	110.17	Inf	-Inf	79.82	3	Horizontal	290	2.29	-	27.65	2.70	-
AV	2.4368G	100.80	Inf	-Inf	70.45	3	Horizontal	290	2.29	-	27.65	2.70	-
PK	2.4844G	67.41	74.00	-6.59	36.87	3	Horizontal	290	2.29	-	27.84	2.70	-
AV	2.4848G	53.67	54.00	-0.33	23.13	3	Horizontal	290	2.29	-	27.84	2.70	-

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2452MHz_TX



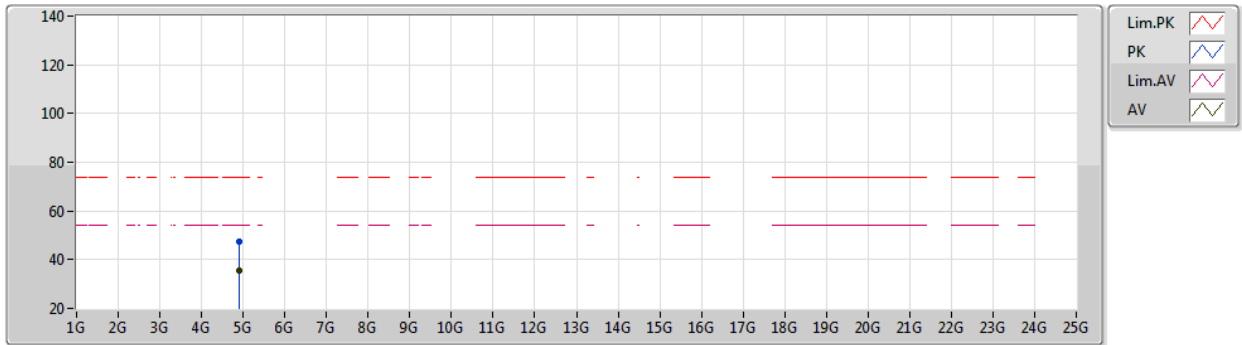
EUT Y_2TX
Setting 54
04-C-M-1

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	4.90474G	46.64	74.00	-27.36	42.67	3	Vertical	75	2.93	-	32.91	4.66	33.60
AV	4.90306G	34.32	54.00	-19.68	30.36	3	Vertical	75	2.93	-	32.91	4.65	33.60

802.11n HT40_Nss1,(MCS0)_2TX

14/01/2020

2452MHz_TX



EUT Y_2TX
Setting 54
04-C-M-1

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	4.90474G	47.32	74.00	-26.68	43.35	3	Horizontal	20	1.65	-	32.91	4.66	33.60
AV	4.90482G	35.74	54.00	-18.26	31.77	3	Horizontal	20	1.65	-	32.91	4.66	33.60



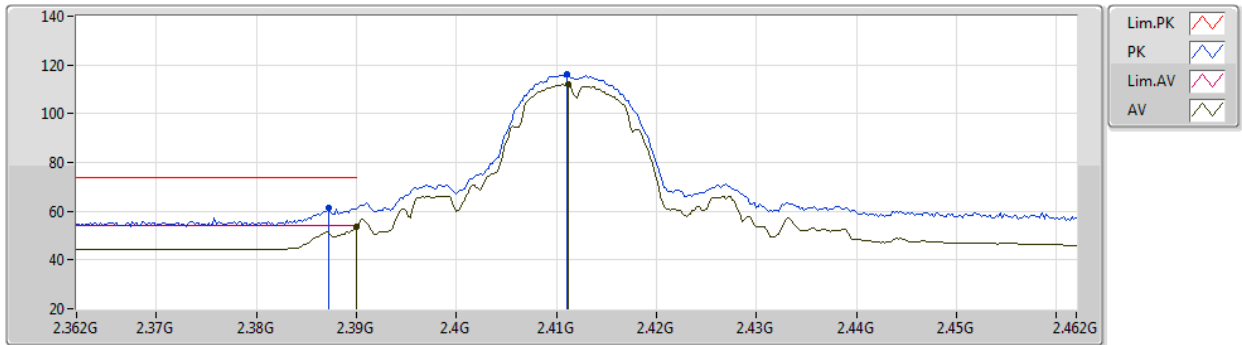
Summary

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 HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3894G	53.96	54.00	-0.04	3	Vertical	347	1.73	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2412MHz_TX



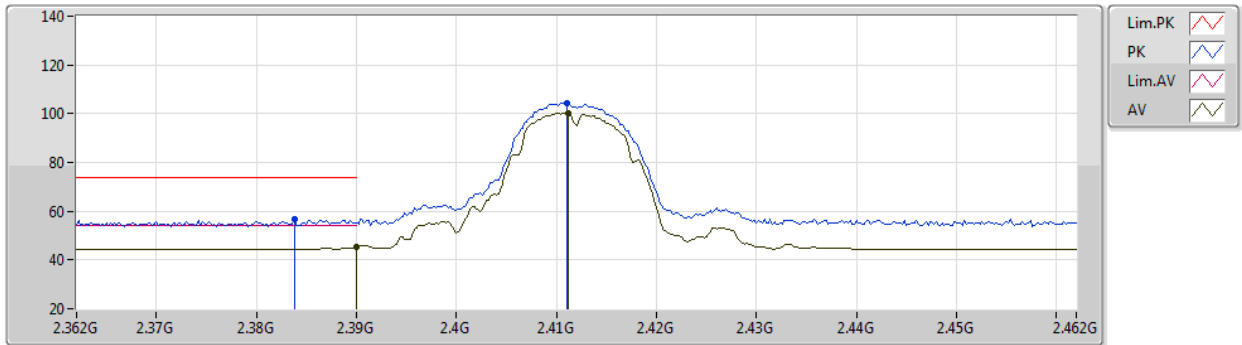
EUT Y_2TX
Setting 59
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	61.38	74.00	-12.62	29.44	3	Vertical	351	1.79	-	28.44	3.50	-
AV	2.39G	53.78	54.00	-0.22	21.83	3	Vertical	351	1.79	-	28.45	3.50	-
PK	2.411G	115.98	Inf	-Inf	83.97	3	Vertical	351	1.79	-	28.50	3.51	-
AV	2.4112G	111.91	Inf	-Inf	79.90	3	Vertical	351	1.79	-	28.50	3.51	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2412MHz_TX



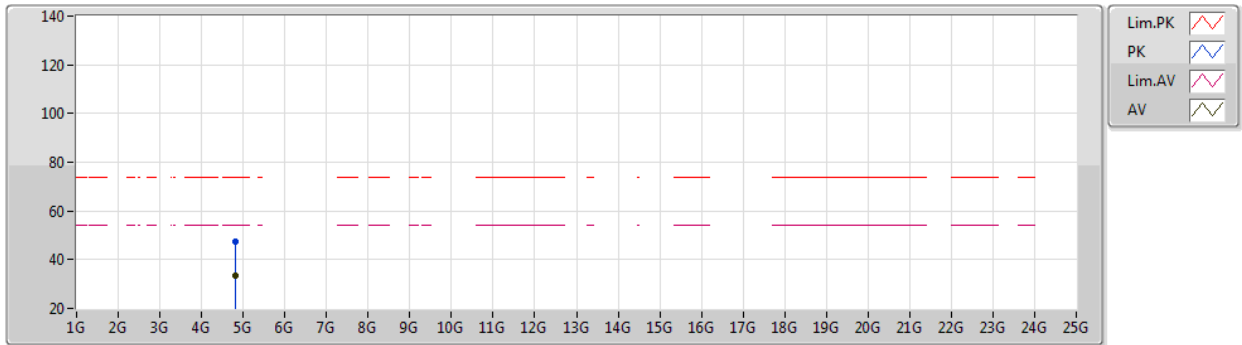
EUT Y_2TX
Setting 59
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3838G	56.67	74.00	-17.33	24.75	3	Horizontal	38	1.80	-	28.42	3.50	-
AV	2.39G	45.29	54.00	-8.71	13.34	3	Horizontal	38	1.80	-	28.45	3.50	-
PK	2.411G	104.46	Inf	-Inf	72.45	3	Horizontal	38	1.80	-	28.50	3.51	-
AV	2.4112G	100.43	Inf	-Inf	68.42	3	Horizontal	38	1.80	-	28.50	3.51	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2412MHz_TX



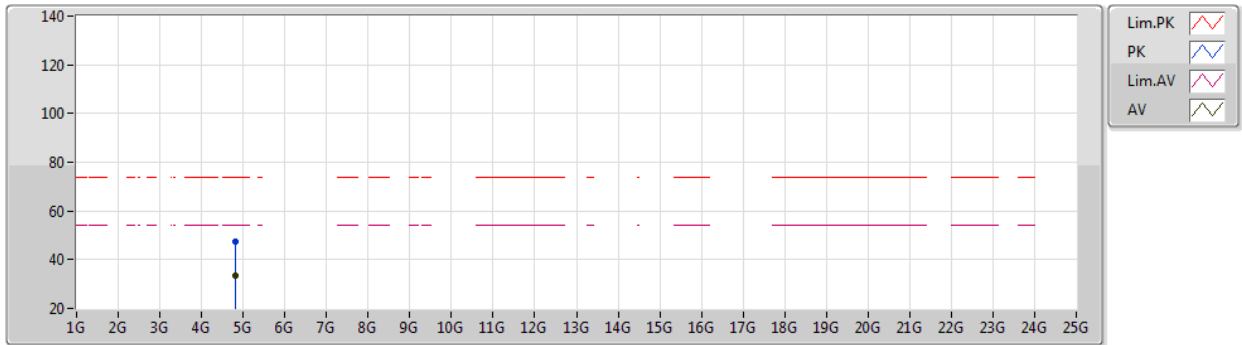
EUT Y_2TX
Setting 59
02-D-L-3

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	4.82577G	47.26	74.00	-26.74	39.02	3	Vertical	163	1.84	-	32.80	5.81	30.37
AV	4.82285G	33.35	54.00	-20.65	25.12	3	Vertical	163	1.84	-	32.79	5.81	30.37

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2412MHz_TX



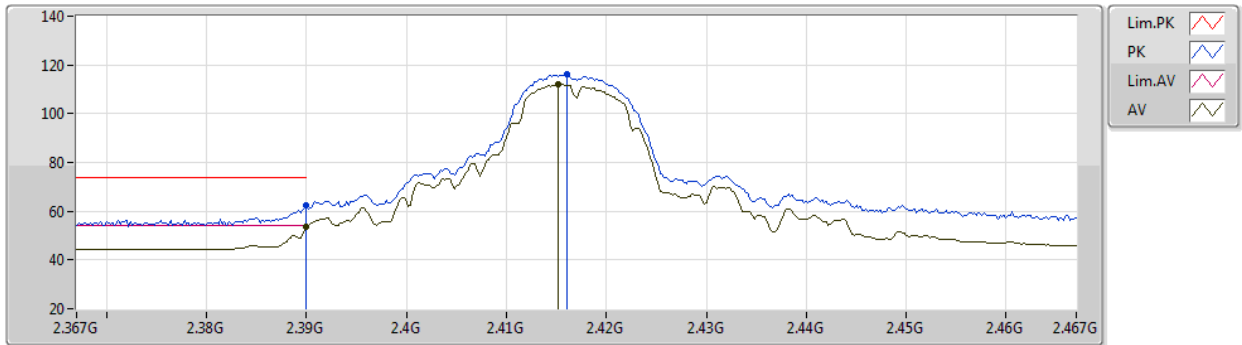
EUT Y_2TX
Setting 59
02-D-L-3

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	4.82519G	47.35	74.00	-26.65	39.11	3	Horizontal	204	2.57	-	32.80	5.81	30.37
AV	4.82274G	33.32	54.00	-20.68	25.09	3	Horizontal	204	2.57	-	32.79	5.81	30.37

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2417MHz_TX



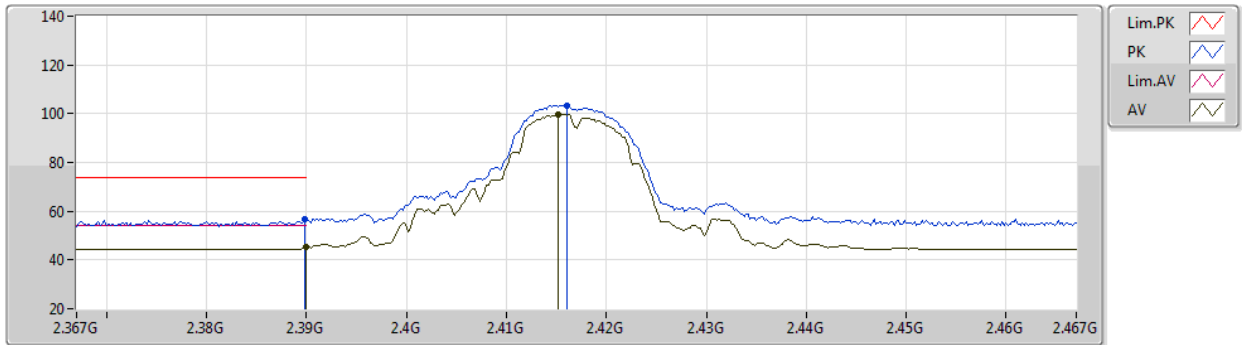
EUT Y_2TX
Setting 63
02-D-L-3

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	62.31	74.00	-11.69	30.36	3	Vertical	0	1.80	-	28.45	3.50	-
AV	2.39G	53.38	54.00	-0.62	21.43	3	Vertical	0	1.80	-	28.45	3.50	-
PK	2.416G	116.04	Inf	-Inf	84.02	3	Vertical	0	1.80	-	28.50	3.52	-
AV	2.4152G	111.93	Inf	-Inf	79.91	3	Vertical	0	1.80	-	28.50	3.52	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2417MHz_TX



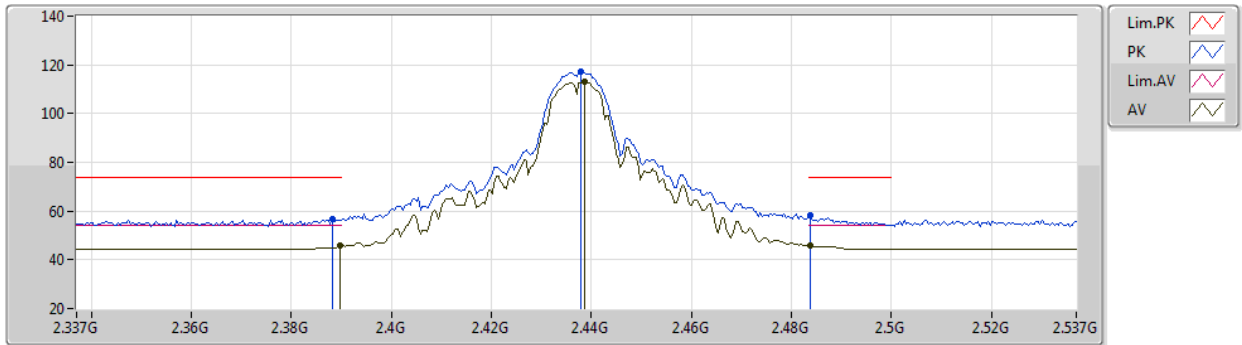
EUT Y_2TX
Setting 63
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	56.87	74.00	-17.13	24.92	3	Horizontal	35	1.80	-	28.45	3.50	-
AV	2.39G	45.14	54.00	-8.86	13.19	3	Horizontal	35	1.80	-	28.45	3.50	-
PK	2.416G	103.51	Inf	-Inf	71.49	3	Horizontal	35	1.80	-	28.50	3.52	-
AV	2.4152G	99.59	Inf	-Inf	67.57	3	Horizontal	35	1.80	-	28.50	3.52	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2437MHz_TX



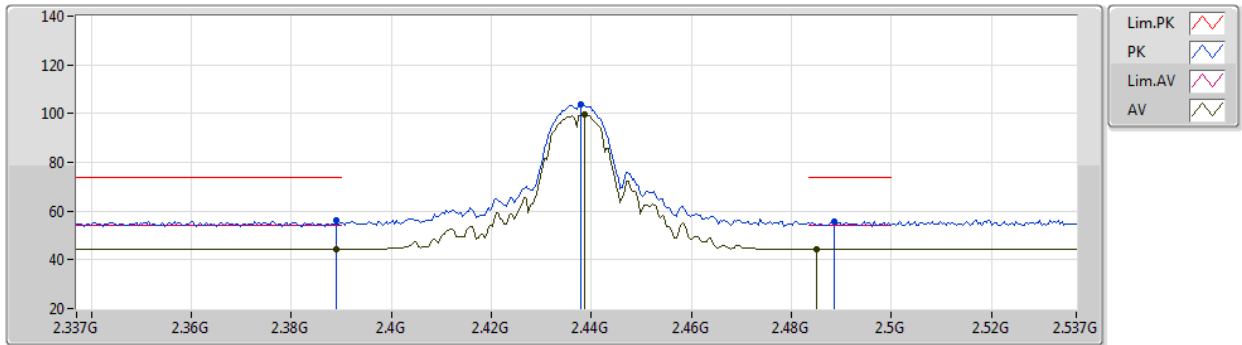
EUT Y_2TX
Setting 74
02-D-L-3

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	56.57	74.00	-17.43	24.63	3	Vertical	0	1.73	-	28.44	3.50	-
AV	2.3898G	45.79	54.00	-8.21	13.84	3	Vertical	0	1.73	-	28.45	3.50	-
PK	2.4378G	117.10	Inf	-Inf	85.06	3	Vertical	0	1.73	-	28.50	3.54	-
AV	2.4386G	112.96	Inf	-Inf	80.92	3	Vertical	0	1.73	-	28.50	3.54	-
PK	2.4838G	58.08	74.00	-15.92	26.00	3	Vertical	0	1.73	-	28.50	3.58	-
AV	2.4838G	45.90	54.00	-8.10	13.82	3	Vertical	0	1.73	-	28.50	3.58	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2437MHz_TX



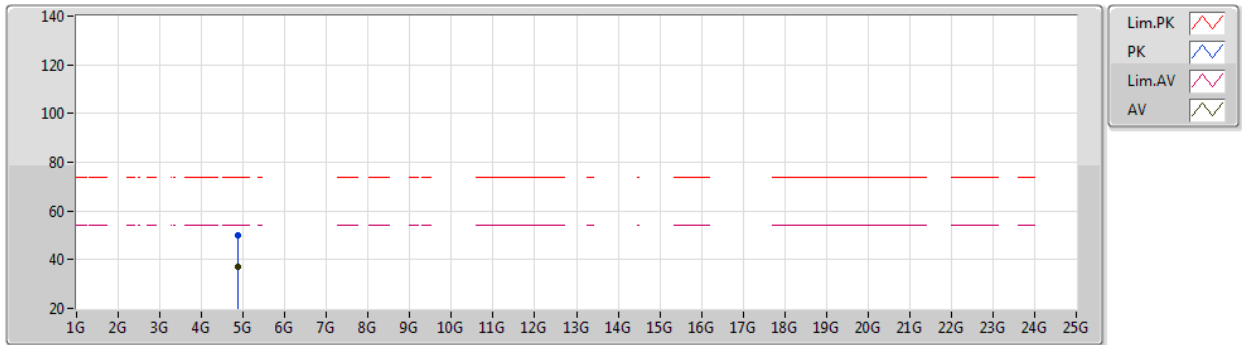
EUT Y_2TX
Setting 74
02-D-L-3

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	56.23	74.00	-17.77	24.28	3	Horizontal	39	1.72	-	28.45	3.50	-
AV	2.389G	44.23	54.00	-9.77	12.28	3	Horizontal	39	1.72	-	28.45	3.50	-
PK	2.4378G	103.62	Inf	-Inf	71.58	3	Horizontal	39	1.72	-	28.50	3.54	-
AV	2.4386G	99.52	Inf	-Inf	67.48	3	Horizontal	39	1.72	-	28.50	3.54	-
PK	2.4886G	55.76	74.00	-18.24	23.67	3	Horizontal	39	1.72	-	28.50	3.59	-
AV	2.485G	44.33	54.00	-9.67	12.24	3	Horizontal	39	1.72	-	28.50	3.59	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2437MHz_TX



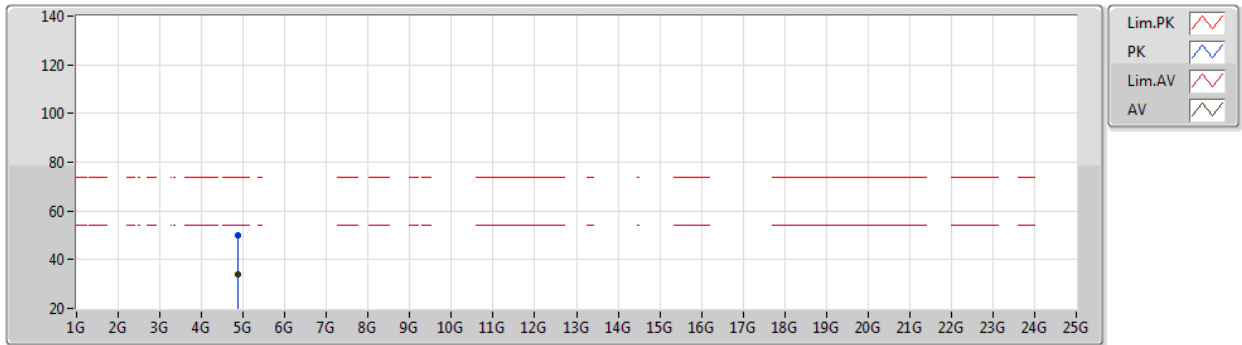
EUT Y_2TX
Setting 74
02-D-L-3

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	4.87296G	50.00	74.00	-24.00	41.53	3	Vertical	20	2.55	-	32.99	5.84	30.36
AV	4.87896G	37.24	54.00	-16.76	28.74	3	Vertical	20	2.55	-	33.02	5.84	30.36

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2437MHz_TX



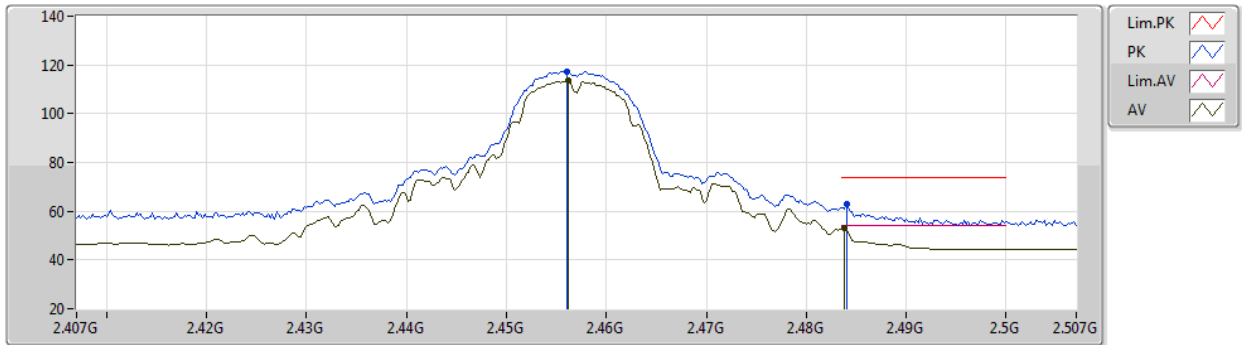
EUT Y_2TX
Setting 74
02-D-L-3

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	4.87265G	50.23	74.00	-23.77	41.76	3	Horizontal	311	2.17	-	32.99	5.84	30.36
AV	4.8741G	34.08	54.00	-19.92	25.60	3	Horizontal	311	2.17	-	33.00	5.84	30.36

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2457MHz_TX



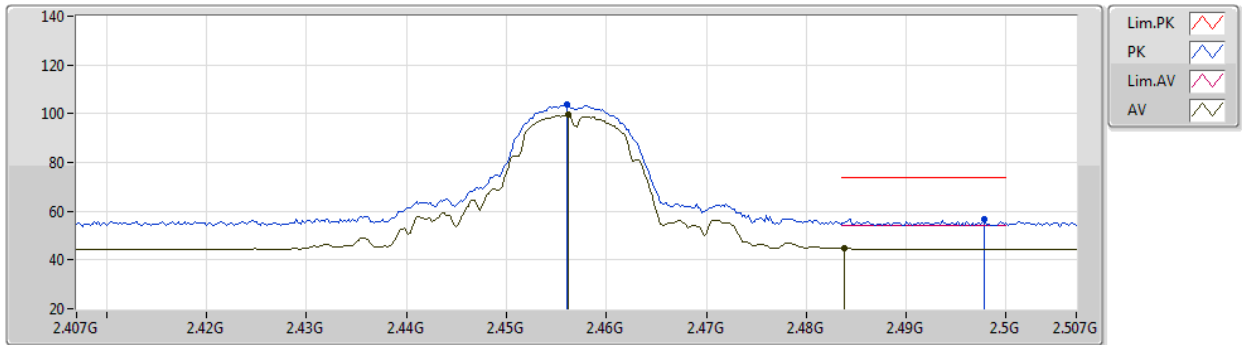
EUT Y_2TX
Setting 63
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.456G	117.50	Inf	-Inf	85.44	3	Vertical	352	1.76	-	28.50	3.56	-
AV	2.4562G	113.38	Inf	-Inf	81.32	3	Vertical	352	1.76	-	28.50	3.56	-
PK	2.484G	62.79	74.00	-11.21	30.71	3	Vertical	352	1.76	-	28.50	3.58	-
AV	2.4838G	53.31	54.00	-0.69	21.23	3	Vertical	352	1.76	-	28.50	3.58	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2457MHz_TX



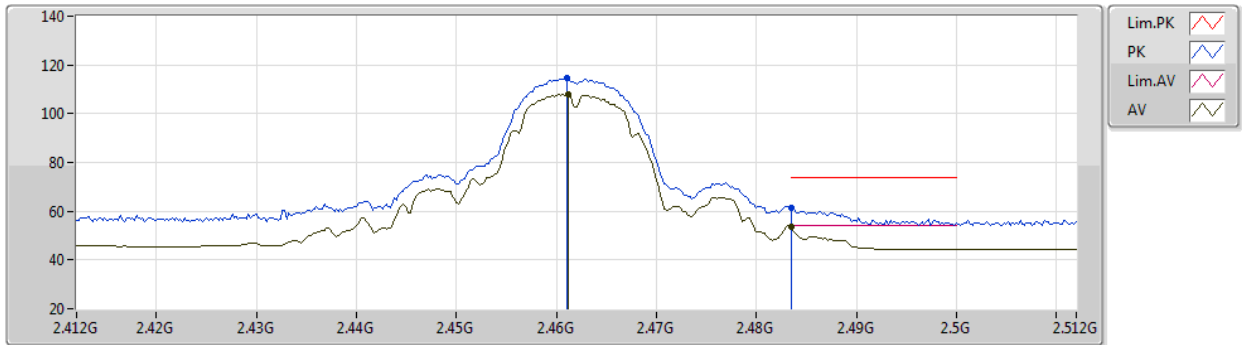
EUT Y_2TX
Setting 63
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.456G	103.61	Inf	-Inf	71.55	3	Horizontal	40	2.11	-	28.50	3.56	-
AV	2.4562G	99.60	Inf	-Inf	67.54	3	Horizontal	40	2.11	-	28.50	3.56	-
PK	2.4978G	56.86	74.00	-17.14	24.76	3	Horizontal	40	2.11	-	28.50	3.60	-
AV	2.4838G	44.85	54.00	-9.15	12.77	3	Horizontal	40	2.11	-	28.50	3.58	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2462MHz_TX



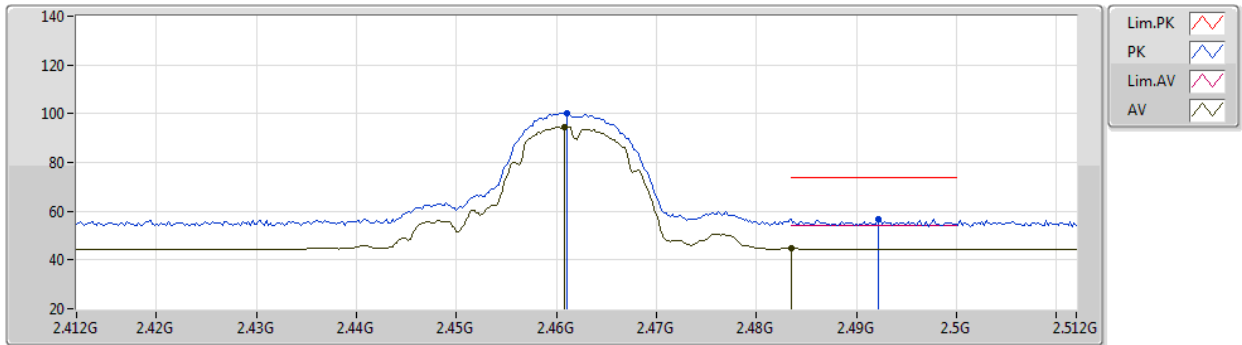
EUT Y_2TX
Setting 55
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.461G	114.45	Inf	-Inf	82.39	3	Vertical	356	1.68	-	28.50	3.56	-
AV	2.4612G	107.87	Inf	-Inf	75.81	3	Vertical	356	1.68	-	28.50	3.56	-
PK	2.4835G	61.25	74.00	-12.75	29.17	3	Vertical	356	1.68	-	28.50	3.58	-
AV	2.4835G	53.73	54.00	-0.27	21.65	3	Vertical	356	1.68	-	28.50	3.58	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2462MHz_TX



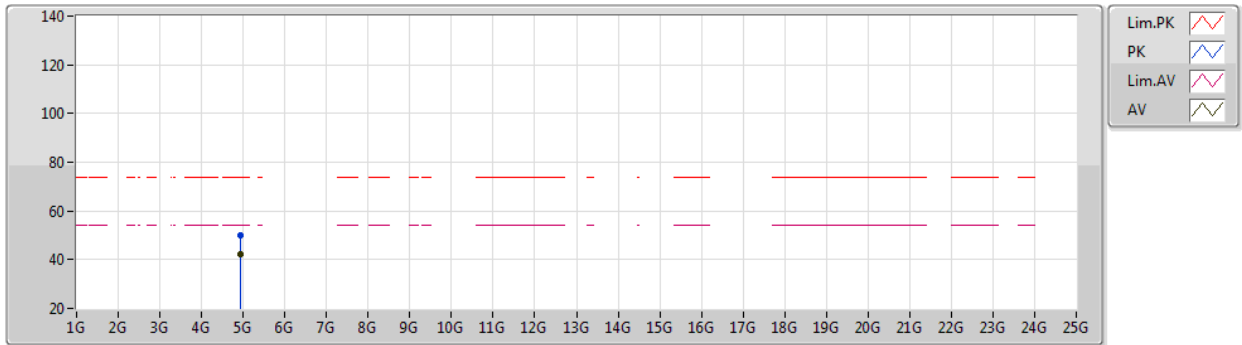
EUT Y_2TX
Setting 55
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.461G	100.37	Inf	-Inf	68.31	3	Horizontal	40	2.11	-	28.50	3.56	-
AV	2.4608G	94.59	Inf	-Inf	62.53	3	Horizontal	40	2.11	-	28.50	3.56	-
PK	2.4922G	56.58	74.00	-17.42	24.49	3	Horizontal	40	2.11	-	28.50	3.59	-
AV	2.4835G	44.85	54.00	-9.15	12.77	3	Horizontal	40	2.11	-	28.50	3.58	-

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2462MHz_TX



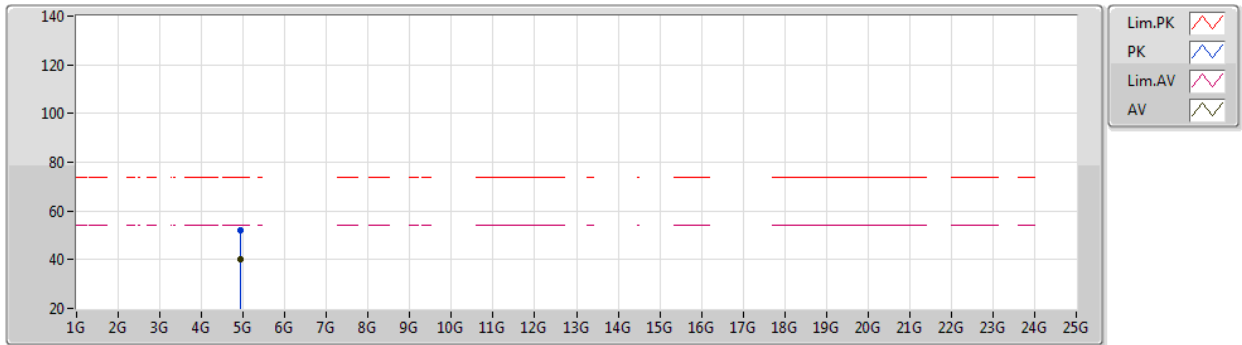
EUT Y_2TX
Setting 55
02-D-L-3

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	4.92308G	50.13	74.00	-23.87	41.47	3	Vertical	299	2.09	-	33.15	5.86	30.35
AV	4.9239G	42.29	54.00	-6.71	38.63	3	Vertical	299	2.09	-	33.15	5.86	30.35

802.11b_Nss1,(1Mbps)_2TX

12/02/2020

2462MHz_TX



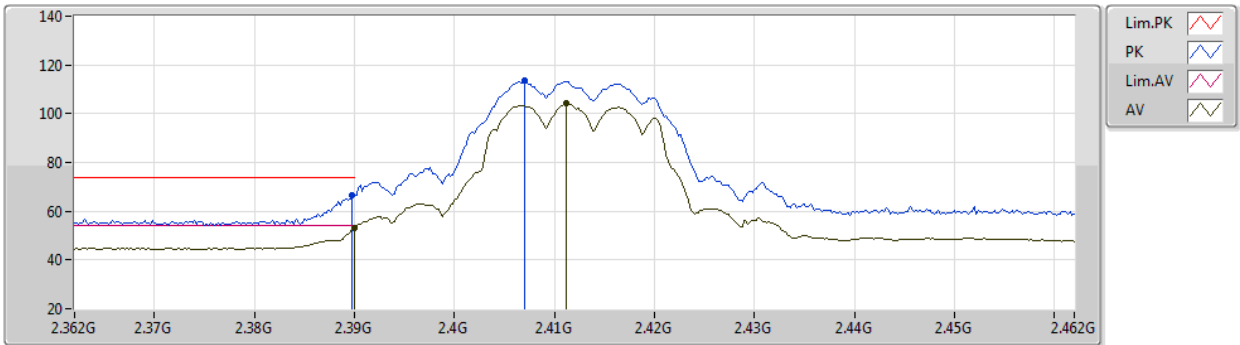
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Setting 55
02-D-L-3

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	4.92377G	52.24	74.00	-21.76	43.58	3	Horizontal	66	2.03	-	33.15	5.86	30.35
AV	4.92394G	40.36	54.00	-13.64	31.70	3	Horizontal	66	2.03	-	33.15	5.86	30.35

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2412MHz_TX



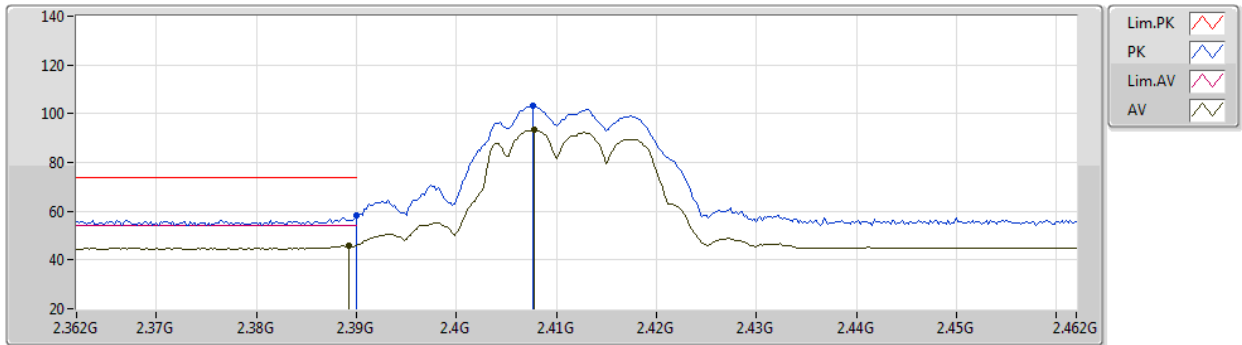
EUT Y_2TX
Setting 47
02-D-L-3

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	66.81	74.00	-7.19	34.86	3	Vertical	349	1.78	-	28.45	3.50	-
AV	2.39G	53.30	54.00	-0.70	21.35	3	Vertical	349	1.78	-	28.45	3.50	-
PK	2.407G	113.40	Inf	-Inf	81.39	3	Vertical	349	1.78	-	28.50	3.51	-
AV	2.4112G	104.18	Inf	-Inf	72.17	3	Vertical	349	1.78	-	28.50	3.51	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2412MHz_TX



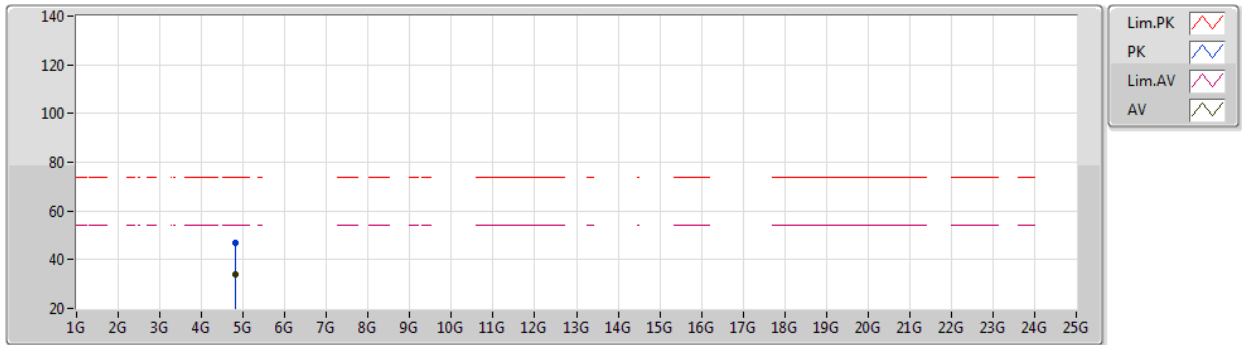
EUT Y_2TX
Setting 47
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	58.20	74.00	-15.80	26.25	3	Horizontal	40	1.56	-	28.45	3.50	-
AV	2.3892G	45.84	54.00	-8.16	13.89	3	Horizontal	40	1.56	-	28.45	3.50	-
PK	2.4076G	103.15	Inf	-Inf	71.14	3	Horizontal	40	1.56	-	28.50	3.51	-
AV	2.4078G	93.36	Inf	-Inf	61.35	3	Horizontal	40	1.56	-	28.50	3.51	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2412MHz_TX



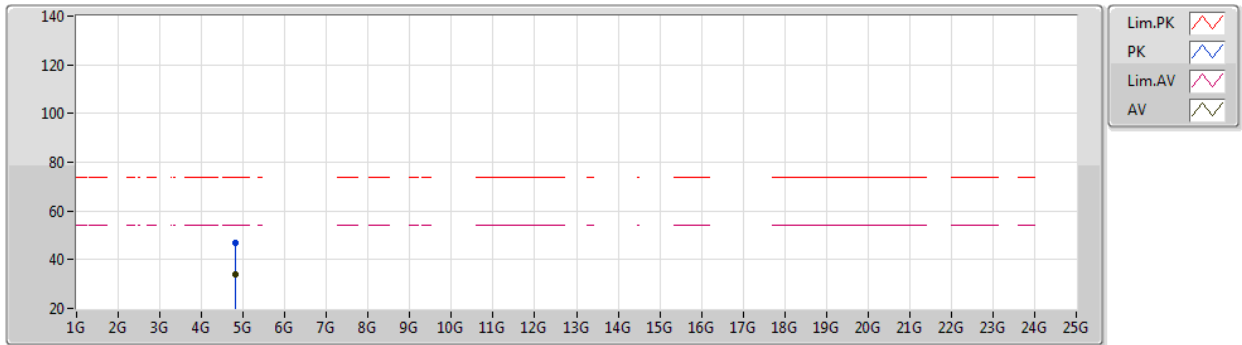
EUT Y_2TX
Setting 47
02-D-L-3

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	4.82364G	47.04	74.00	-26.96	38.81	3	Vertical	275	1.10	-	32.79	5.81	30.37
AV	4.82315G	33.81	54.00	-20.19	25.58	3	Vertical	275	1.10	-	32.79	5.81	30.37

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2412MHz_TX



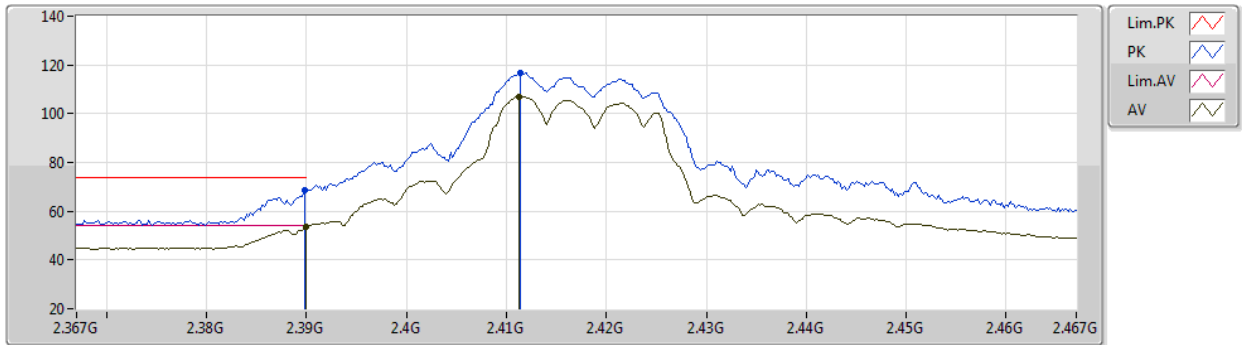
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Setting 47
02-D-L-3

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	4.82461G	47.09	74.00	-26.91	38.85	3	Horizontal	138	2.12	-	32.80	5.81	30.37
AV	4.82484G	33.77	54.00	-20.23	25.53	3	Horizontal	138	2.12	-	32.80	5.81	30.37

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2417MHz_TX



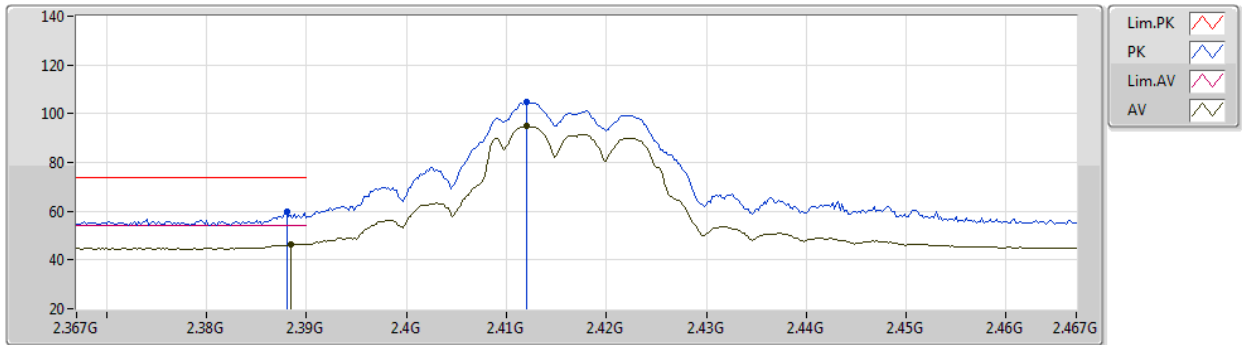
EUT Y_2TX
Setting 58
02-D-L-3

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	68.74	74.00	-5.26	36.79	3	Vertical	349	1.80	-	28.45	3.50	-
AV	2.39G	53.84	54.00	-0.16	21.89	3	Vertical	349	1.80	-	28.45	3.50	-
PK	2.4114G	116.78	Inf	-Inf	84.77	3	Vertical	349	1.80	-	28.50	3.51	-
AV	2.4112G	107.07	Inf	-Inf	75.06	3	Vertical	349	1.80	-	28.50	3.51	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2417MHz_TX



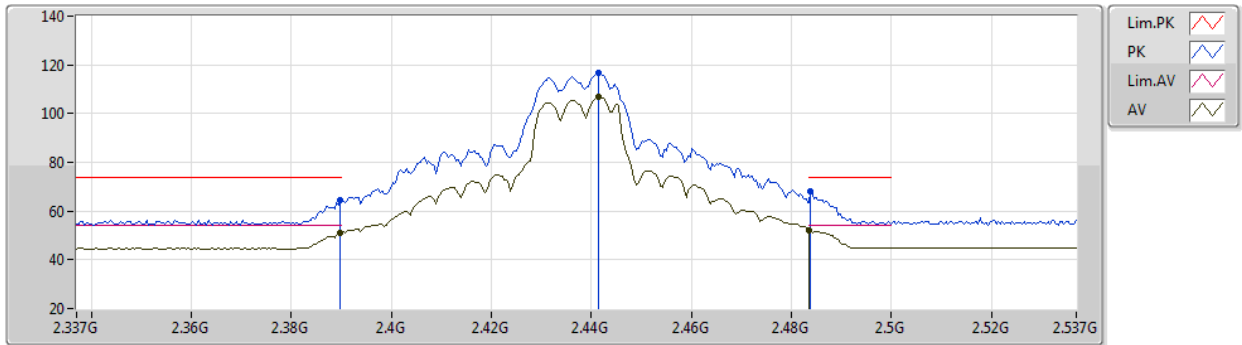
EUT Y_2TX
Setting 58
02-D-L-3

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	60.07	74.00	-13.93	28.13	3	Horizontal	36	1.80	-	28.44	3.50	-
AV	2.3884G	46.49	54.00	-7.51	14.55	3	Horizontal	36	1.80	-	28.44	3.50	-
PK	2.412G	104.90	Inf	-Inf	72.89	3	Horizontal	36	1.80	-	28.50	3.51	-
AV	2.412G	94.94	Inf	-Inf	62.93	3	Horizontal	36	1.80	-	28.50	3.51	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2437MHz_TX



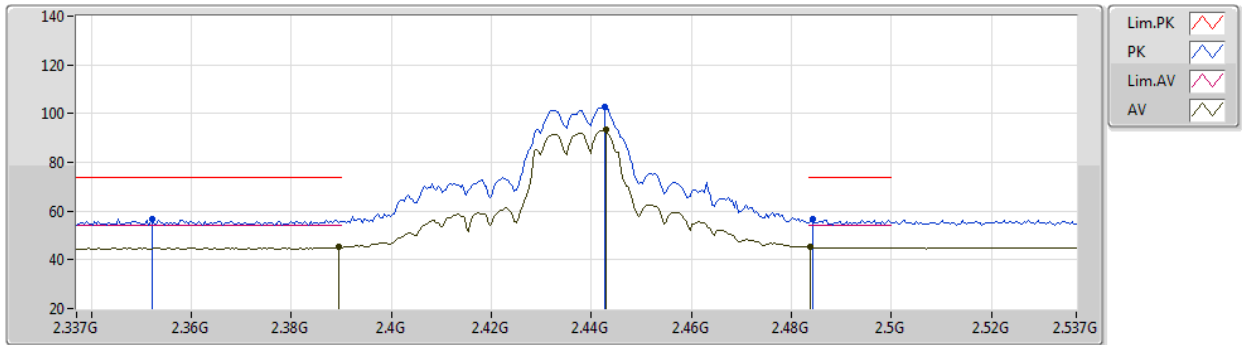
EUT Y_2TX
Setting 63
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.68	74.00	-9.32	32.73	3	Vertical	349	2.02	-	28.45	3.50	-
AV	2.3898G	51.06	54.00	-2.94	19.11	3	Vertical	349	2.02	-	28.45	3.50	-
PK	2.4414G	116.93	Inf	-Inf	84.89	3	Vertical	349	2.02	-	28.50	3.54	-
AV	2.4414G	107.03	Inf	-Inf	74.99	3	Vertical	349	2.02	-	28.50	3.54	-
PK	2.4838G	68.36	74.00	-5.64	36.28	3	Vertical	349	2.02	-	28.50	3.58	-
AV	2.4835G	52.14	54.00	-1.86	20.06	3	Vertical	349	2.02	-	28.50	3.58	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2437MHz_TX



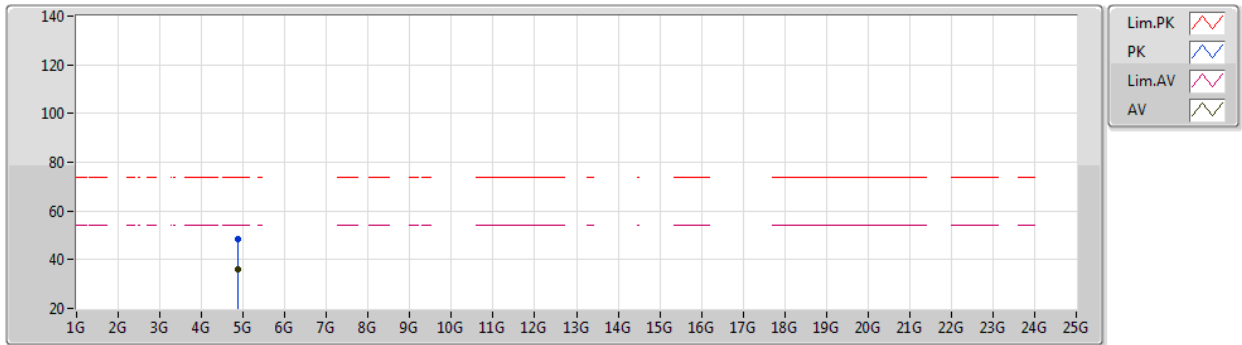
EUT Y_2TX
Setting 63
02-D-L-3

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	2.3522G	56.58	74.00	-17.42	24.82	3	Horizontal	41	1.73	-	28.26	3.50	-
AV	2.3894G	45.10	54.00	-8.90	13.15	3	Horizontal	41	1.73	-	28.45	3.50	-
PK	2.4426G	102.64	Inf	-Inf	70.60	3	Horizontal	41	1.73	-	28.50	3.54	-
AV	2.443G	93.26	Inf	-Inf	61.22	3	Horizontal	41	1.73	-	28.50	3.54	-
PK	2.4842G	56.51	74.00	-17.49	24.43	3	Horizontal	41	1.73	-	28.50	3.58	-
AV	2.4838G	45.13	54.00	-8.87	13.05	3	Horizontal	41	1.73	-	28.50	3.58	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2437MHz_TX



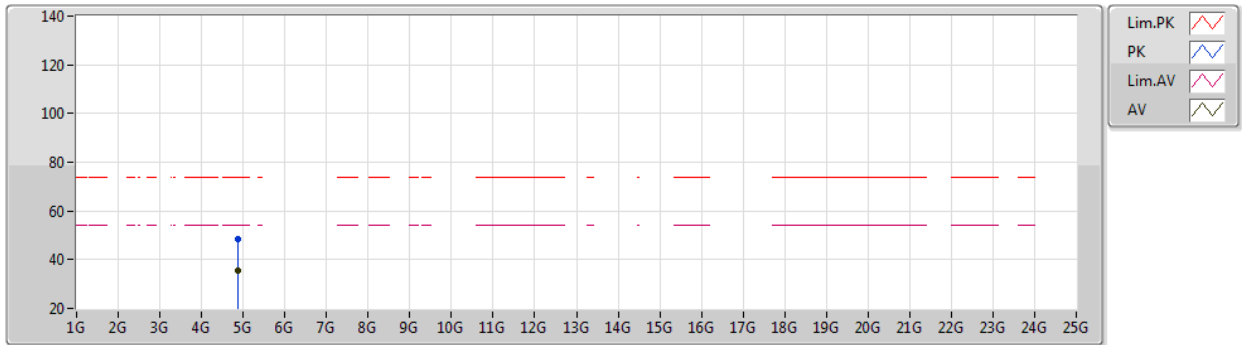
EUT Y_2TX
Setting 63
02-D-L-3

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	4.87389G	48.23	74.00	-25.77	39.75	3	Vertical	299	2.09	-	33.00	5.84	30.36
AV	4.87389G	35.89	54.00	-18.11	27.41	3	Vertical	299	2.09	-	33.00	5.84	30.36

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2437MHz_TX



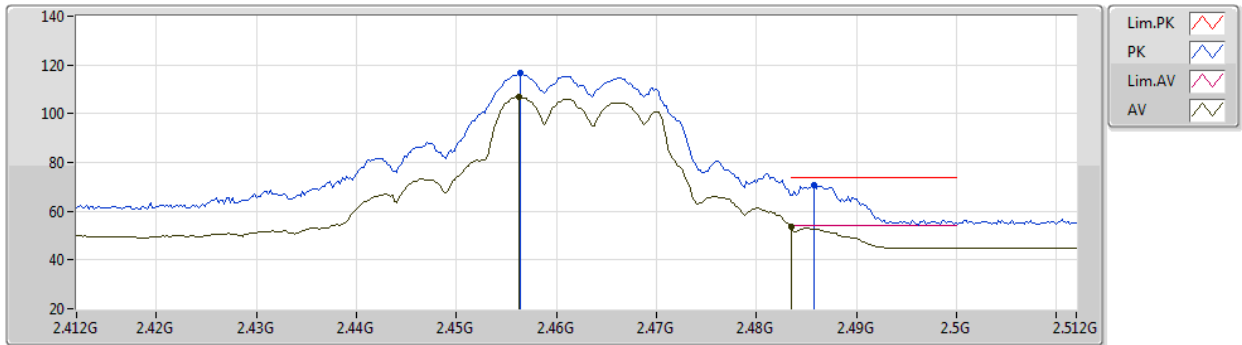
EUT Y_2TX
Setting 63
02-D-L-3

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	4.8735G	48.28	74.00	-25.72	39.81	3	Horizontal	246	1.89	-	32.99	5.84	30.36
AV	4.87396G	35.59	54.00	-18.41	27.11	3	Horizontal	246	1.89	-	33.00	5.84	30.36

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2462MHz_TX



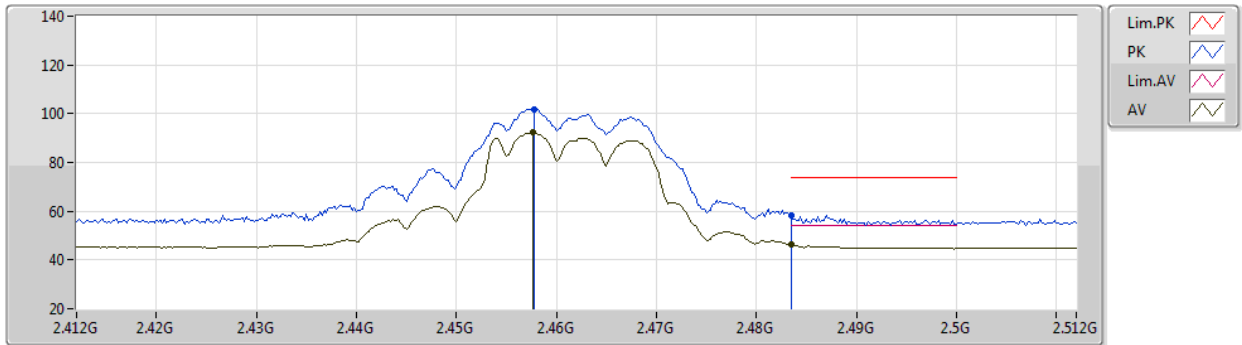
EUT Y_2TX
Setting 55
02-D-L-3

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	2.4564G	116.52	Inf	-Inf	84.46	3	Vertical	347	1.75	-	28.50	3.56	-
AV	2.4562G	106.86	Inf	-Inf	74.80	3	Vertical	347	1.75	-	28.50	3.56	-
PK	2.4858G	70.80	74.00	-3.20	38.71	3	Vertical	347	1.75	-	28.50	3.59	-
AV	2.4835G	53.70	54.00	-0.30	21.62	3	Vertical	347	1.75	-	28.50	3.58	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2462MHz_TX



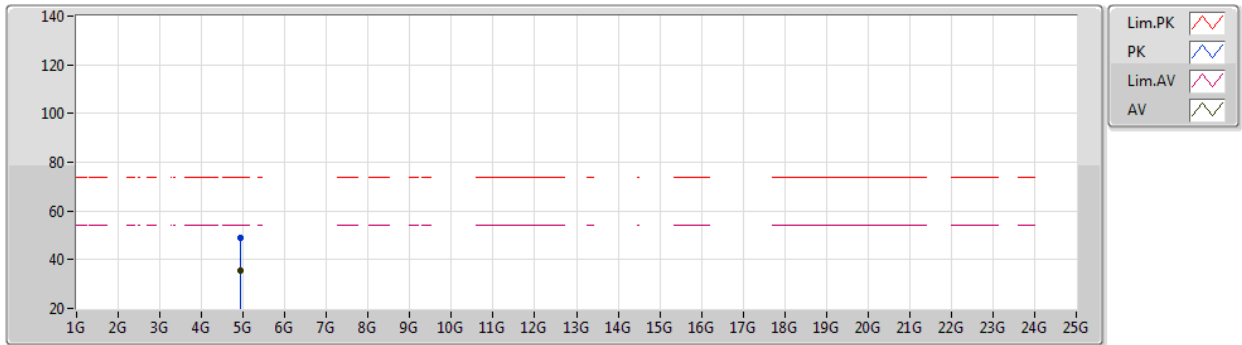
EUT Y_2TX
Setting 55
02-D-L-3

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	2.4578G	101.97	Inf	-Inf	69.91	3	Horizontal	43	1.47	-	28.50	3.56	-
AV	2.4576G	92.22	Inf	-Inf	60.16	3	Horizontal	43	1.47	-	28.50	3.56	-
PK	2.4835G	58.30	74.00	-15.70	26.22	3	Horizontal	43	1.47	-	28.50	3.58	-
AV	2.4835G	46.37	54.00	-7.63	14.29	3	Horizontal	43	1.47	-	28.50	3.58	-

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2462MHz_TX



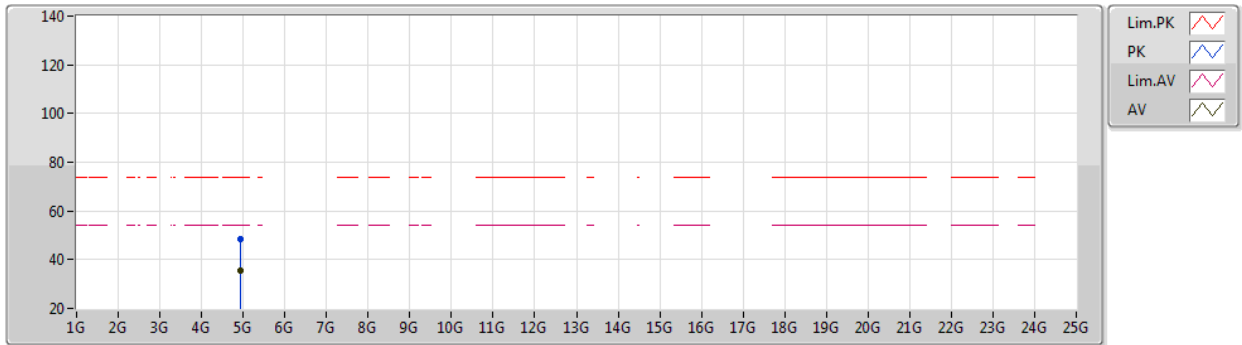
EUT Y_2TX
Setting 55
02-D-L-3

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	4.92498G	48.76	74.00	-25.24	40.10	3	Vertical	315	2.00	-	33.15	5.86	30.35
AV	4.92476G	35.40	54.00	-18.60	26.74	3	Vertical	315	2.00	-	33.15	5.86	30.35

802.11g_Nss1,(6Mbps)_2TX

12/02/2020

2462MHz_TX



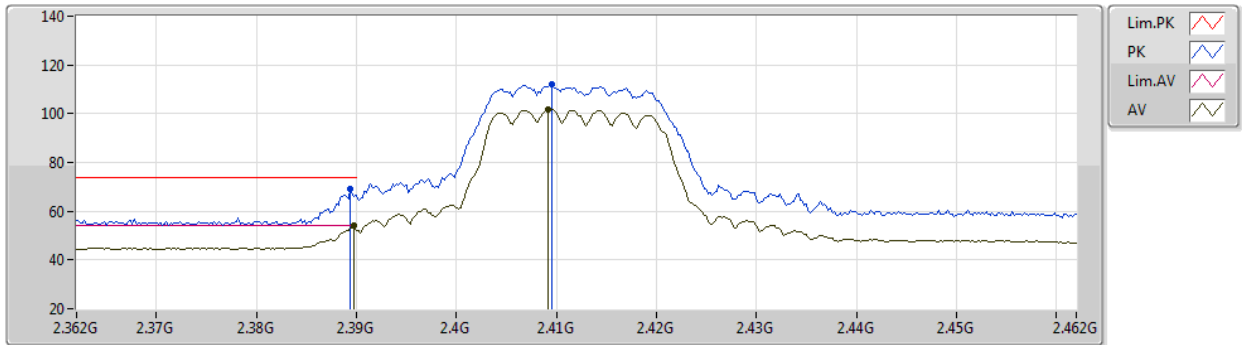
EUT Y_2TX
Setting 55
02-D-L-3

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	4.92318G	48.57	74.00	-25.43	39.91	3	Horizontal	263	2.81	-	33.15	5.86	30.35
AV	4.92496G	35.35	54.00	-18.65	26.69	3	Horizontal	263	2.81	-	33.15	5.86	30.35

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2412MHz_TX



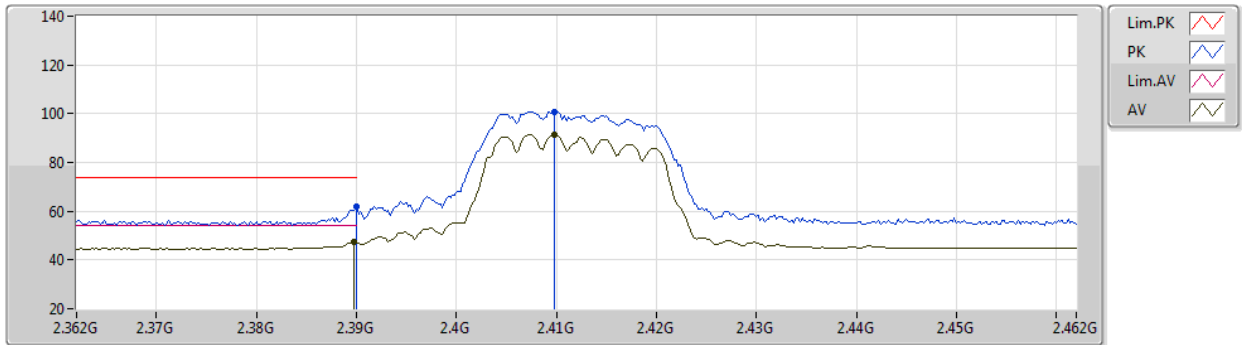
EUT Y_2TX
Setting 42
02-D-L-3

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	68.98	74.00	-5.02	37.03	3	Vertical	350	1.79	-	28.45	3.50	-
AV	2.3898G	53.89	54.00	-0.11	21.94	3	Vertical	350	1.79	-	28.45	3.50	-
PK	2.4096G	111.88	Inf	-Inf	79.87	3	Vertical	350	1.79	-	28.50	3.51	-
AV	2.4092G	101.82	Inf	-Inf	69.81	3	Vertical	350	1.79	-	28.50	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2412MHz_TX



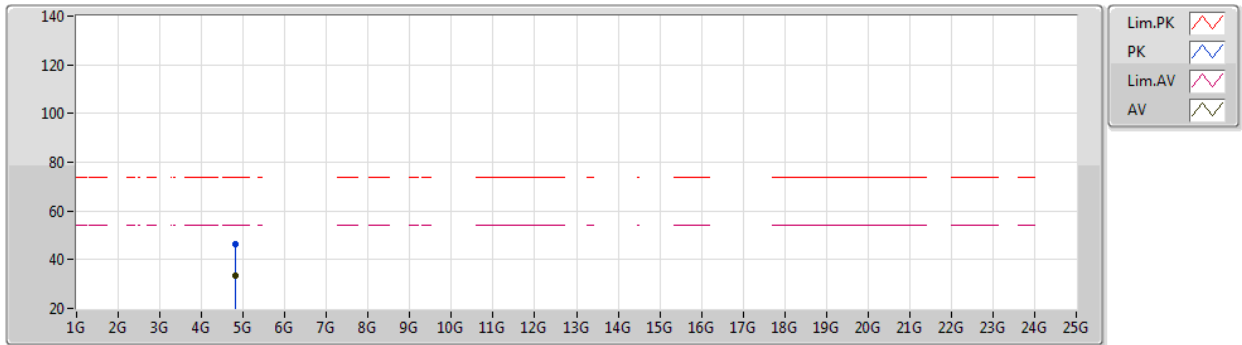
EUT Y_2TX
Setting 42
02-D-L-3

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	62.08	74.00	-11.92	30.13	3	Horizontal	42	1.57	-	28.45	3.50	-
AV	2.3898G	47.20	54.00	-6.80	15.25	3	Horizontal	42	1.57	-	28.45	3.50	-
PK	2.4098G	100.86	Inf	-Inf	68.85	3	Horizontal	42	1.57	-	28.50	3.51	-
AV	2.4098G	91.38	Inf	-Inf	59.37	3	Horizontal	42	1.57	-	28.50	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2412MHz_TX



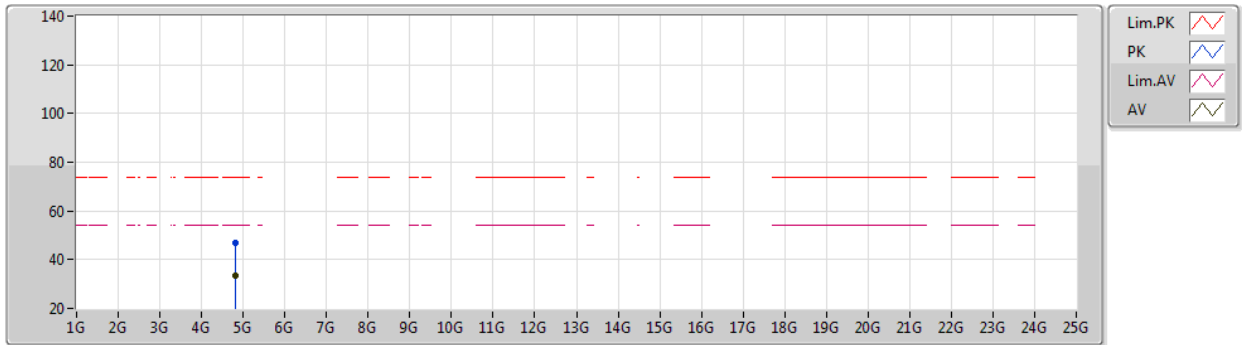
EUT Y_2TX
Setting 42
02-D-L-3

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	4.82366G	46.63	74.00	-27.37	38.40	3	Vertical	285	1.65	-	32.79	5.81	30.37
AV	4.8237G	33.67	54.00	-20.33	25.44	3	Vertical	285	1.65	-	32.79	5.81	30.37

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2412MHz_TX



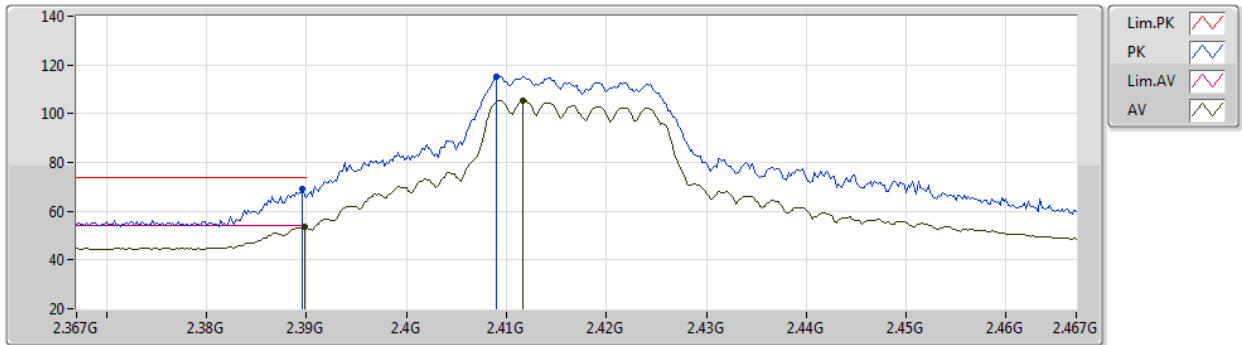
EUT Y_2TX
Setting 42
02-D-L-3

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	4.823333G	46.73	74.00	-27.27	38.50	3	Horizontal	253	2.25	-	32.79	5.81	30.37
AV	4.82302G	33.68	54.00	-20.32	25.45	3	Horizontal	253	2.25	-	32.79	5.81	30.37

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2417MHz_TX



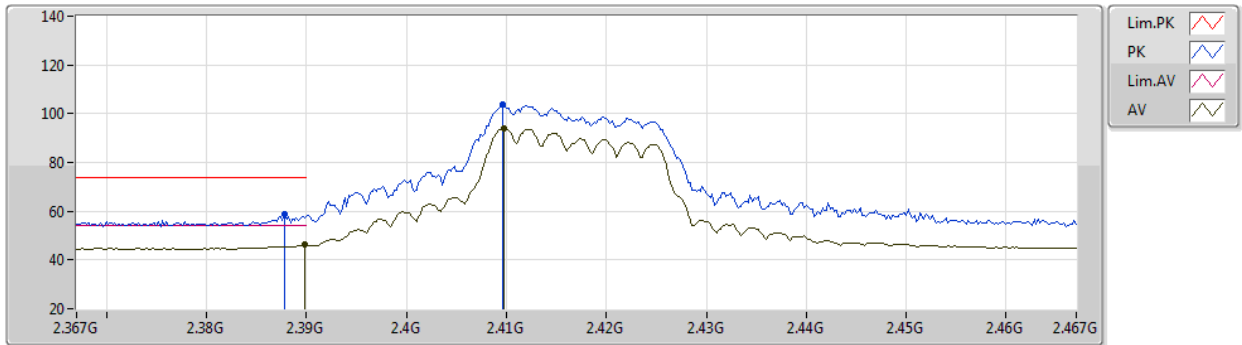
EUT Y_2TX
Setting 55
02-D-L-3

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	68.94	74.00	-5.06	36.99	3	Vertical	349	1.78	-	28.45	3.50	-
AV	2.3898G	53.51	54.00	-0.49	21.56	3	Vertical	349	1.78	-	28.45	3.50	-
PK	2.409G	115.37	Inf	-Inf	83.36	3	Vertical	349	1.78	-	28.50	3.51	-
AV	2.4116G	105.20	Inf	-Inf	73.19	3	Vertical	349	1.78	-	28.50	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2417MHz_TX



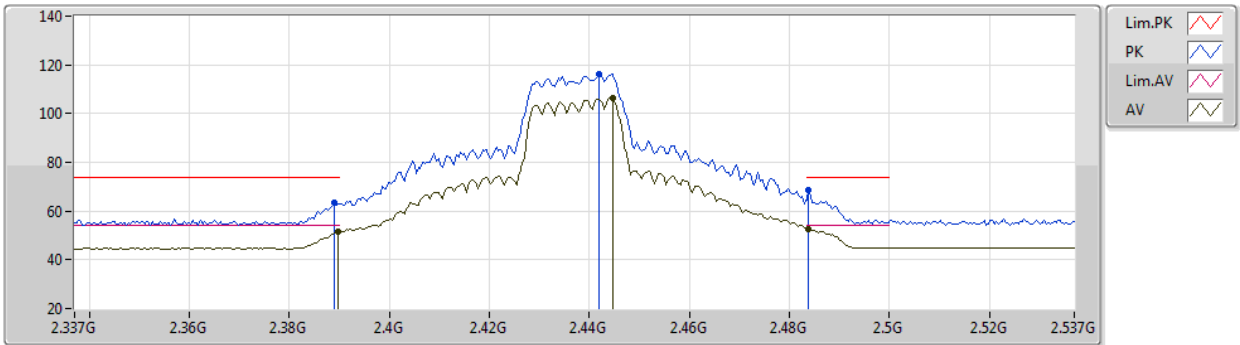
EUT Y_2TX
Setting 55
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3878G	58.67	74.00	-15.33	26.73	3	Horizontal	40	1.80	-	28.44	3.50	-
AV	2.3898G	46.31	54.00	-7.69	14.36	3	Horizontal	40	1.80	-	28.45	3.50	-
PK	2.4096G	103.61	Inf	-Inf	71.60	3	Horizontal	40	1.80	-	28.50	3.51	-
AV	2.4098G	93.94	Inf	-Inf	61.93	3	Horizontal	40	1.80	-	28.50	3.51	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



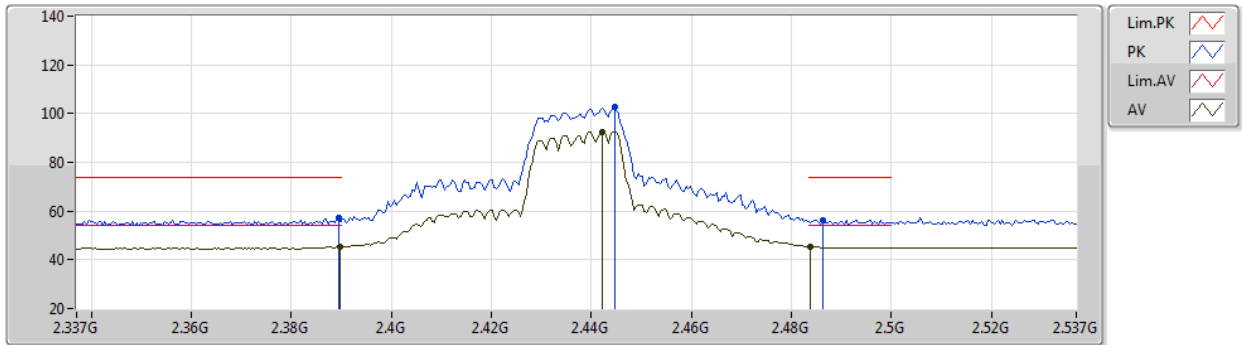
EUT Y_2TX
Setting 64
02-D-L-3

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	63.51	74.00	-10.49	31.56	3	Vertical	351	1.91	-	28.45	3.50	-
AV	2.3898G	51.53	54.00	-2.47	19.58	3	Vertical	351	1.91	-	28.45	3.50	-
PK	2.4418G	116.13	Inf	-Inf	84.09	3	Vertical	351	1.91	-	28.50	3.54	-
AV	2.4446G	106.43	Inf	-Inf	74.39	3	Vertical	351	1.91	-	28.50	3.54	-
PK	2.4838G	68.37	74.00	-5.63	36.29	3	Vertical	351	1.91	-	28.50	3.58	-
AV	2.4838G	52.65	54.00	-1.35	20.57	3	Vertical	351	1.91	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



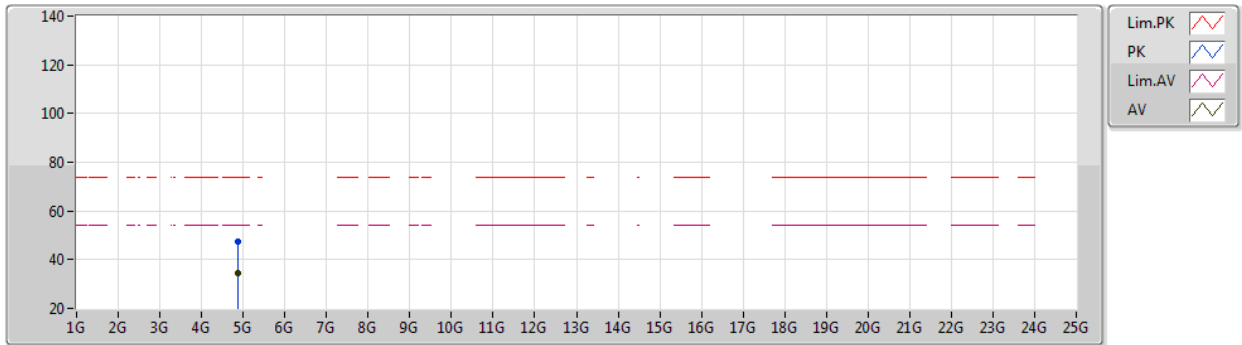
EUT Y_2TX
Setting 64
02-D-L-3

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	57.11	74.00	-16.89	25.16	3	Horizontal	38	1.71	-	28.45	3.50	-
AV	2.3898G	45.39	54.00	-8.61	13.44	3	Horizontal	38	1.71	-	28.45	3.50	-
PK	2.4446G	102.74	Inf	-Inf	70.70	3	Horizontal	38	1.71	-	28.50	3.54	-
AV	2.4422G	92.51	Inf	-Inf	60.47	3	Horizontal	38	1.71	-	28.50	3.54	-
PK	2.4862G	56.39	74.00	-17.61	24.30	3	Horizontal	38	1.71	-	28.50	3.59	-
AV	2.4838G	45.42	54.00	-8.58	13.34	3	Horizontal	38	1.71	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



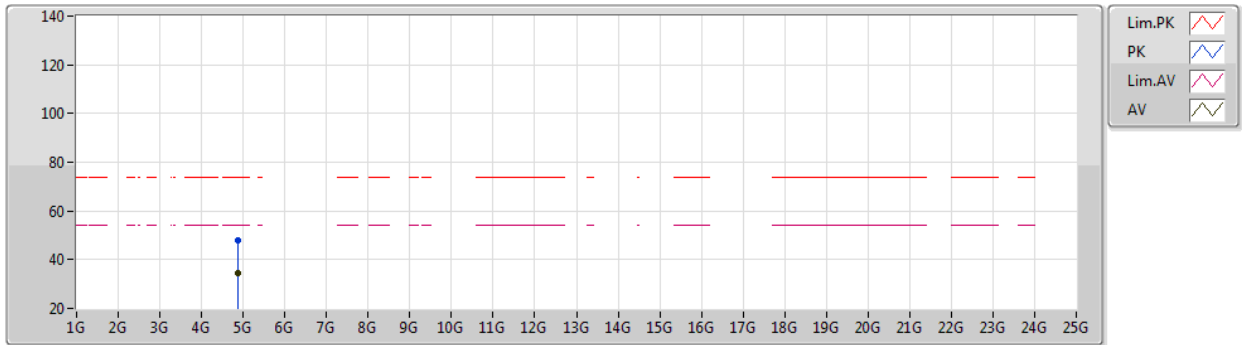
EUT Y_2TX
Setting 64
02-D-L-3

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	4.87489G	47.24	74.00	-26.76	38.76	3	Vertical	182	2.60	-	33.00	5.84	30.36
AV	4.87494G	34.53	54.00	-19.47	26.05	3	Vertical	182	2.60	-	33.00	5.84	30.36

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



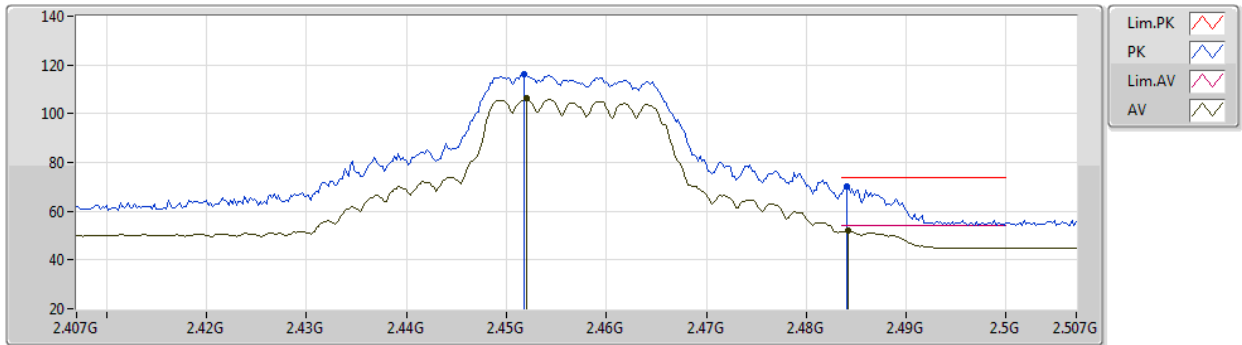
EUT Y_2TX
Setting 64
02-D-L-3

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	4.87355G	47.92	74.00	-26.08	39.45	3	Horizontal	187	2.36	-	32.99	5.84	30.36
AV	4.87363G	34.48	54.00	-19.52	26.01	3	Horizontal	187	2.36	-	32.99	5.84	30.36

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2457MHz_TX



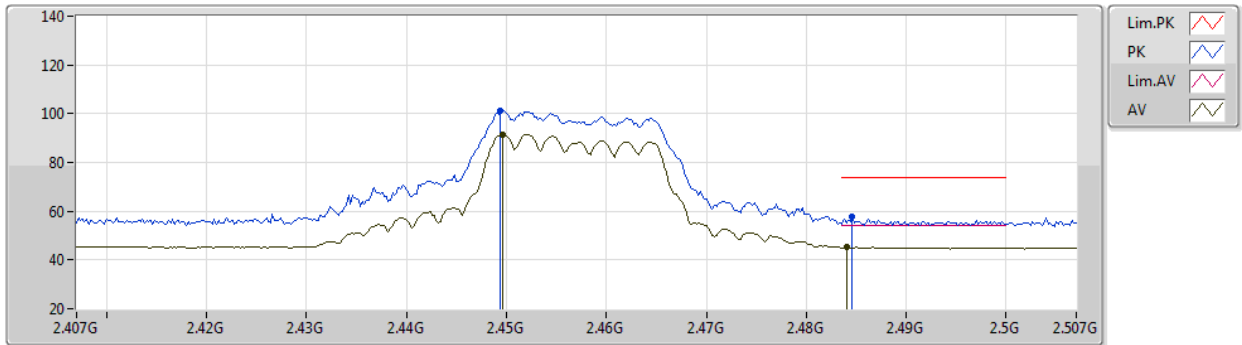
EUT Y_2TX
Setting 55
02-D-L-3

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	2.4518G	116.17	Inf	-Inf	84.12	3	Vertical	354	1.95	-	28.50	3.55	-
AV	2.452G	106.13	Inf	-Inf	74.08	3	Vertical	354	1.95	-	28.50	3.55	-
PK	2.484G	70.43	74.00	-3.57	38.35	3	Vertical	354	1.95	-	28.50	3.58	-
AV	2.4842G	51.94	54.00	-2.06	19.86	3	Vertical	354	1.95	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2457MHz_TX



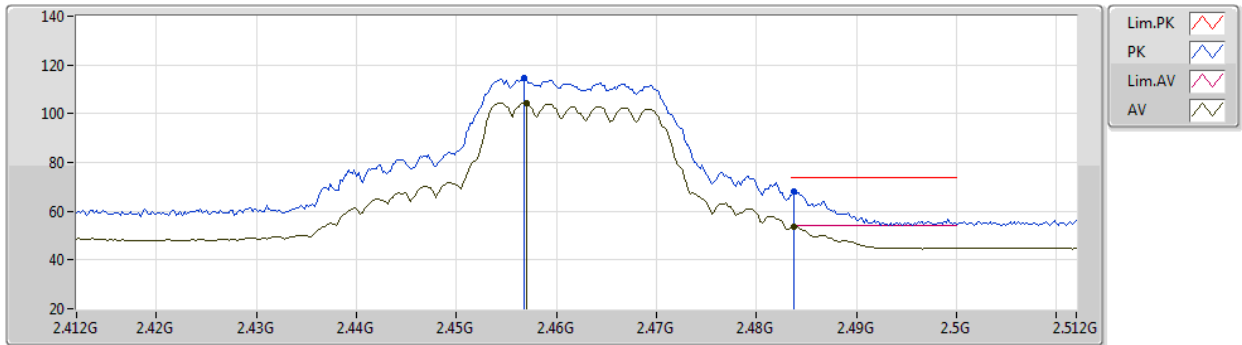
EUT Y_2TX
Setting 55
02-D-L-3

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	2.4494G	101.39	Inf	-Inf	69.34	3	Horizontal	37	1.74	-	28.50	3.55	-
AV	2.4496G	91.61	Inf	-Inf	59.56	3	Horizontal	37	1.74	-	28.50	3.55	-
PK	2.4846G	57.56	74.00	-16.44	25.48	3	Horizontal	37	1.74	-	28.50	3.58	-
AV	2.484G	45.29	54.00	-8.71	13.21	3	Horizontal	37	1.74	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2462MHz_TX



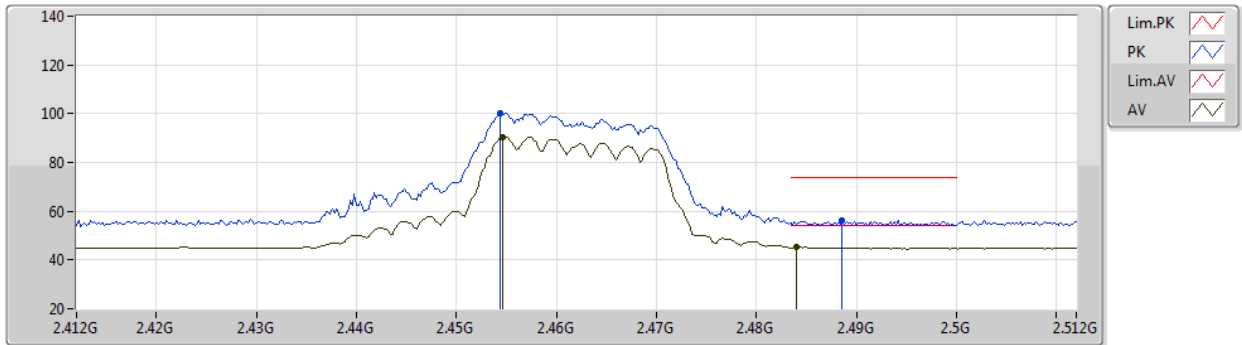
EUT Y_2TX
Setting 50
02-D-L-3

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	2.4568G	114.47	Inf	-Inf	82.41	3	Vertical	352	1.76	-	28.50	3.56	-
AV	2.457G	104.43	Inf	-Inf	72.37	3	Vertical	352	1.76	-	28.50	3.56	-
PK	2.4838G	68.34	74.00	-5.66	36.26	3	Vertical	352	1.76	-	28.50	3.58	-
AV	2.4838G	53.65	54.00	-0.35	21.57	3	Vertical	352	1.76	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2462MHz_TX



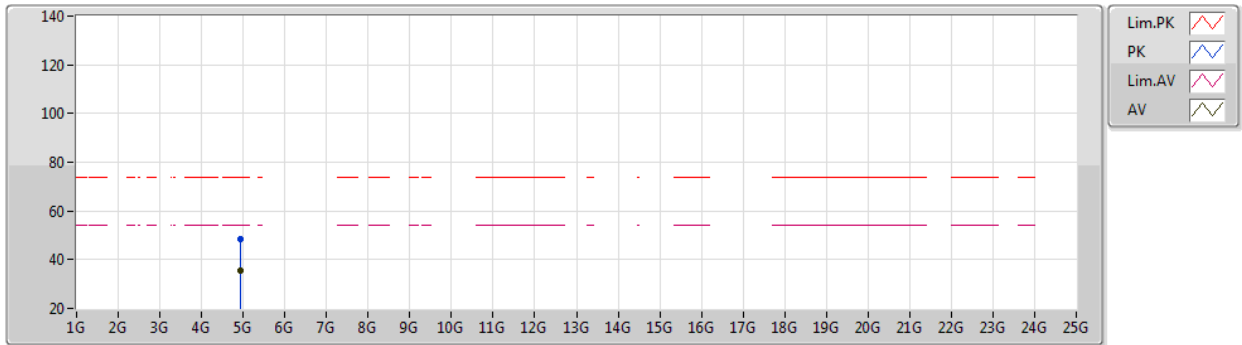
EUT Y_2TX
Setting 50
02-D-L-3

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	100.37	Inf	-Inf	68.32	3	Horizontal	42	1.49	-	28.50	3.55	-
AV	2.4546G	90.50	Inf	-Inf	58.45	3	Horizontal	42	1.49	-	28.50	3.55	-
PK	2.4886G	56.30	74.00	-17.70	24.21	3	Horizontal	42	1.49	-	28.50	3.59	-
AV	2.484G	45.19	54.00	-8.81	13.11	3	Horizontal	42	1.49	-	28.50	3.58	-

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2462MHz_TX



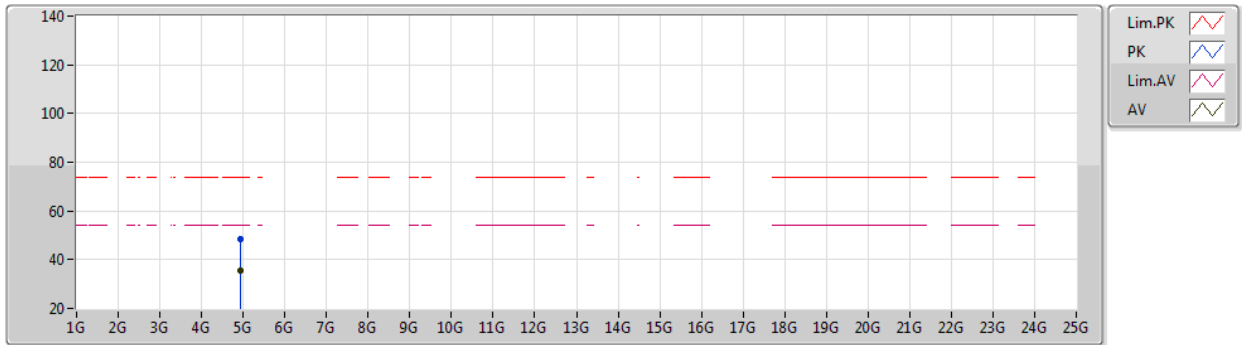
EUT Y_2TX
Setting 50
02-D-L-3

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	4.92452G	48.36	74.00	-25.64	39.70	3	Vertical	131	1.48	-	33.15	5.86	30.35
AV	4.92478G	35.54	54.00	-18.46	26.88	3	Vertical	131	1.48	-	33.15	5.86	30.35

802.11n HT20_Nss1,(MCS0)_2TX

12/02/2020

2462MHz_TX



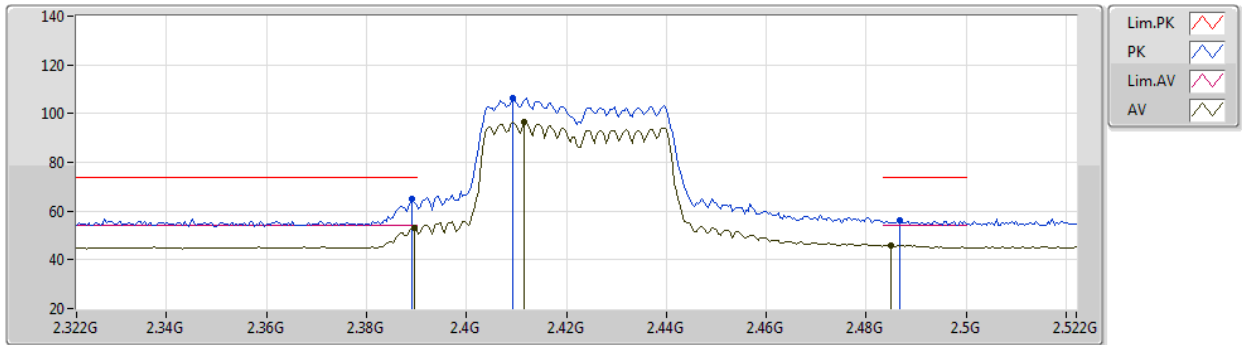
EUT Y_2TX
Setting 50
02-D-L-3

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	4.92466G	48.20	74.00	-25.80	39.54	3	Horizontal	222	2.21	-	33.15	5.86	30.35
AV	4.9246G	35.43	54.00	-18.57	26.77	3	Horizontal	222	2.21	-	33.15	5.86	30.35

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2422MHz_TX



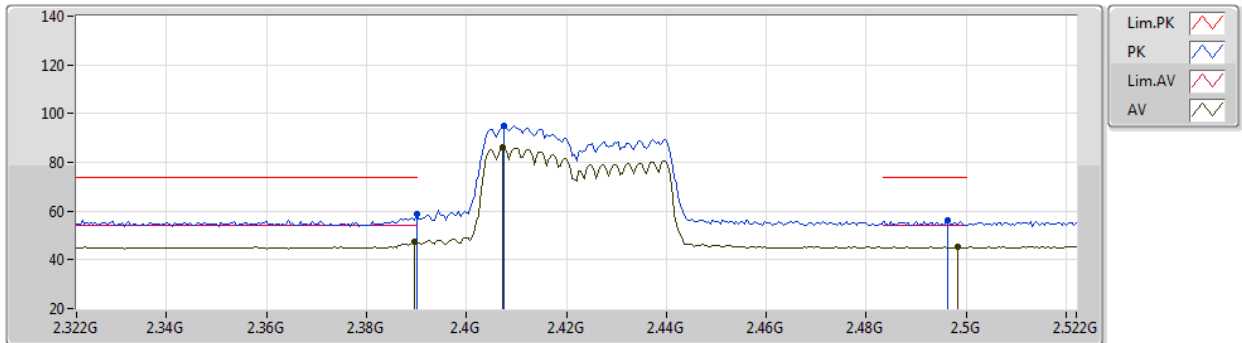
EUT Y_2TX
Setting 30
02-D-L-3

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	65.24	74.00	-8.76	33.29	3	Vertical	356	1.80	-	28.45	3.50	-
AV	2.3896G	53.31	54.00	-0.69	21.36	3	Vertical	356	1.80	-	28.45	3.50	-
PK	2.4092G	106.49	Inf	-Inf	74.48	3	Vertical	356	1.80	-	28.50	3.51	-
AV	2.4116G	96.81	Inf	-Inf	64.80	3	Vertical	356	1.80	-	28.50	3.51	-
PK	2.4868G	56.24	74.00	-17.76	24.15	3	Vertical	356	1.80	-	28.50	3.59	-
AV	2.4848G	45.89	54.00	-8.11	13.81	3	Vertical	356	1.80	-	28.50	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2422MHz_TX



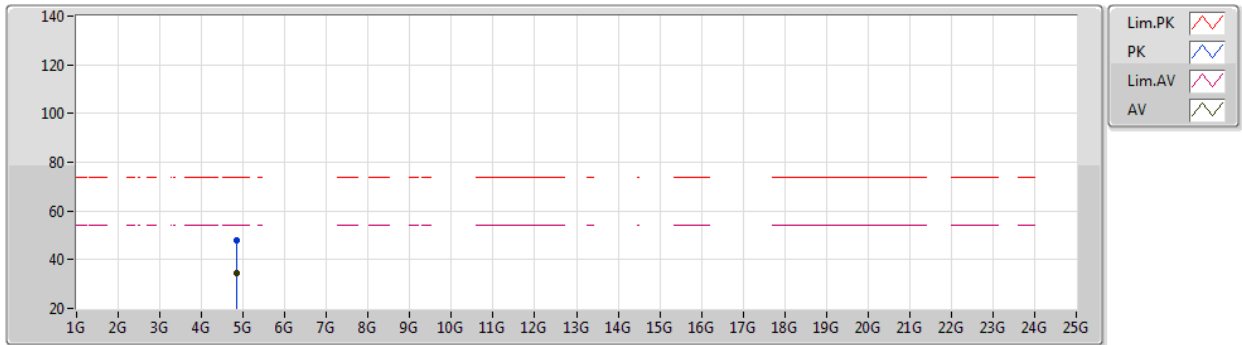
EUT Y_2TX
Setting 30
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	58.57	74.00	-15.43	26.62	3	Horizontal	39	1.56	-	28.45	3.50	-
AV	2.3896G	47.53	54.00	-6.47	15.58	3	Horizontal	39	1.56	-	28.45	3.50	-
PK	2.4076G	94.85	Inf	-Inf	62.84	3	Horizontal	39	1.56	-	28.50	3.51	-
AV	2.4072G	86.06	Inf	-Inf	54.05	3	Horizontal	39	1.56	-	28.50	3.51	-
PK	2.4964G	56.16	74.00	-17.84	24.06	3	Horizontal	39	1.56	-	28.50	3.60	-
AV	2.4984G	45.34	54.00	-8.66	13.24	3	Horizontal	39	1.56	-	28.50	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2422MHz_TX



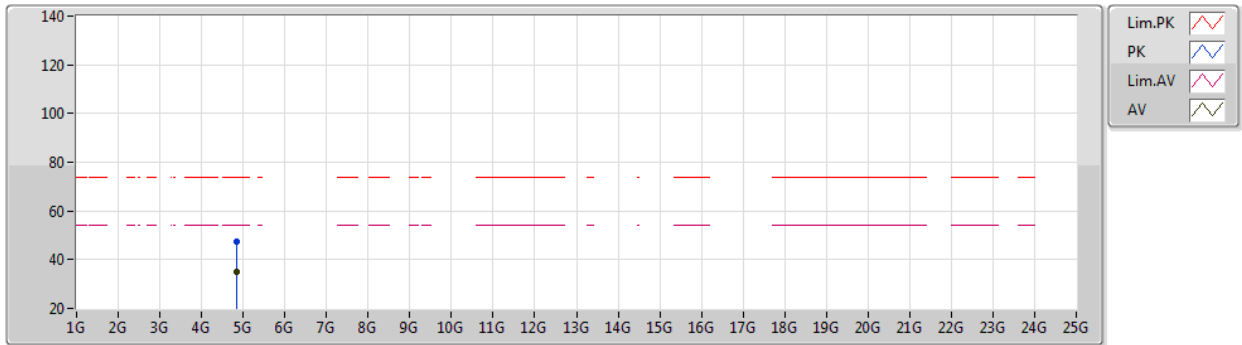
EUT Y_2TX
Setting 30
02-D-L-3

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	4.84453G	47.93	74.00	-26.07	39.60	3	Vertical	84	1.81	-	32.88	5.82	30.37
AV	4.84445G	34.67	54.00	-19.33	26.34	3	Vertical	84	1.81	-	32.88	5.82	30.37

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2422MHz_TX



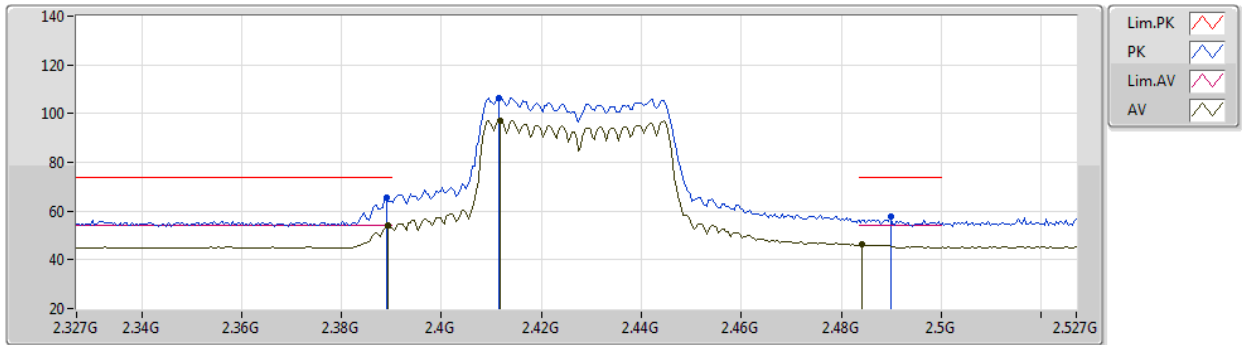
EUT Y_2TX
Setting 30
02-D-L-3

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	4.84462G	47.20	74.00	-26.80	38.87	3	Horizontal	214	1.95	-	32.88	5.82	30.37
AV	4.84423G	34.75	54.00	-19.25	26.42	3	Horizontal	214	1.95	-	32.88	5.82	30.37

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2427MHz_TX



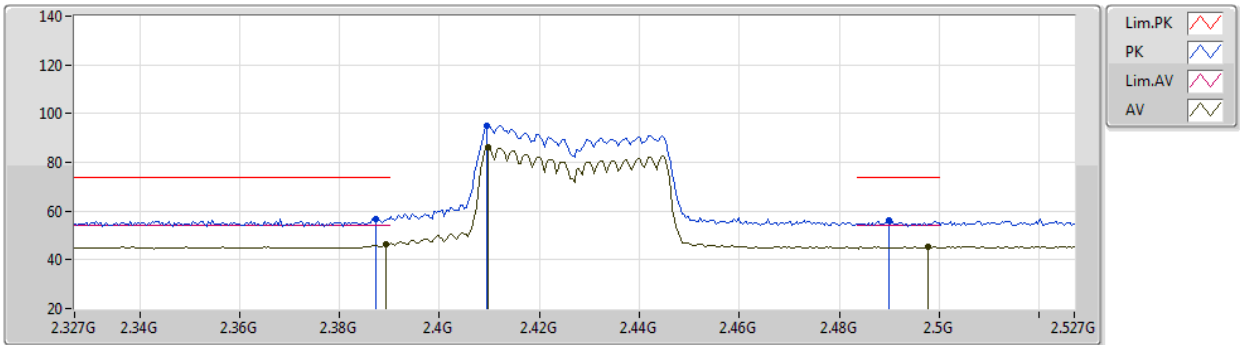
EUT Y_2TX
Setting 33
02-D-L-3

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	65.27	74.00	-8.73	33.32	3	Vertical	347	1.80	-	28.45	3.50	-
AV	2.3894G	53.95	54.00	-0.05	22.00	3	Vertical	347	1.80	-	28.45	3.50	-
PK	2.4114G	106.53	Inf	-Inf	74.52	3	Vertical	347	1.80	-	28.50	3.51	-
AV	2.4118G	97.28	Inf	-Inf	65.27	3	Vertical	347	1.80	-	28.50	3.51	-
PK	2.4898G	57.56	74.00	-16.44	25.47	3	Vertical	347	1.80	-	28.50	3.59	-
AV	2.4842G	46.15	54.00	-7.85	14.07	3	Vertical	347	1.80	-	28.50	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2427MHz_TX



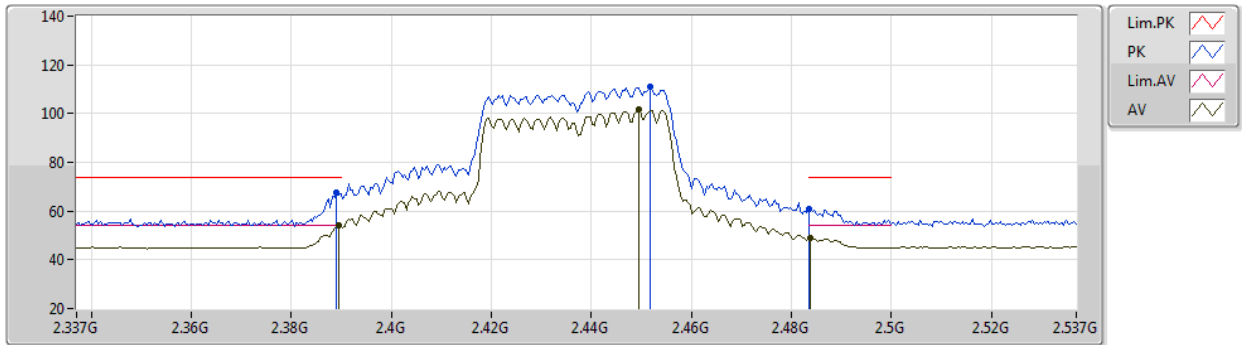
EUT Y_2TX
Setting 33
02-D-L-3

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	56.57	74.00	-17.43	24.63	3	Horizontal	37	1.80	-	28.44	3.50	-
AV	2.3894G	46.57	54.00	-7.43	14.62	3	Horizontal	37	1.80	-	28.45	3.50	-
PK	2.4094G	94.98	Inf	-Inf	62.97	3	Horizontal	37	1.80	-	28.50	3.51	-
AV	2.4098G	86.43	Inf	-Inf	54.42	3	Horizontal	37	1.80	-	28.50	3.51	-
PK	2.4898G	56.37	74.00	-17.63	24.28	3	Horizontal	37	1.80	-	28.50	3.59	-
AV	2.4978G	45.33	54.00	-8.67	13.23	3	Horizontal	37	1.80	-	28.50	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



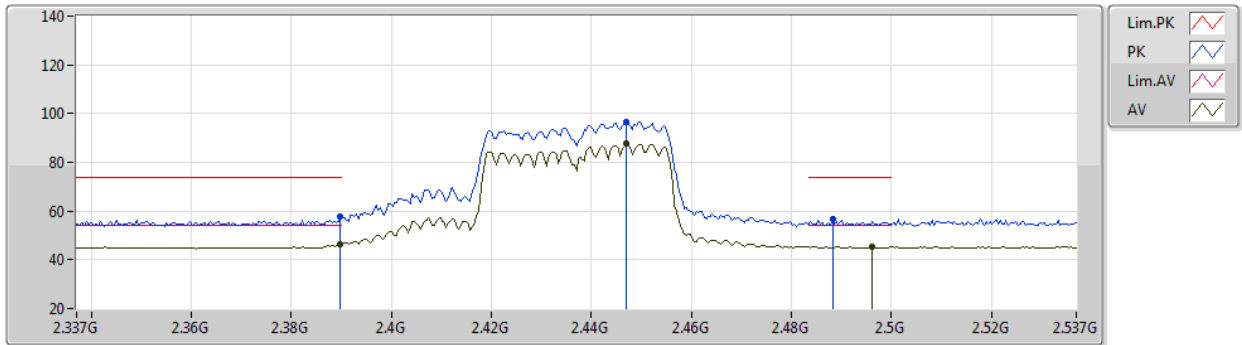
EUT Y_2TX
Setting 46
02-D-L-3

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	67.50	74.00	-6.50	35.55	3	Vertical	347	1.73	-	28.45	3.50	-
AV	2.3894G	53.96	54.00	-0.04	22.01	3	Vertical	347	1.73	-	28.45	3.50	-
PK	2.4518G	111.12	Inf	-Inf	79.07	3	Vertical	347	1.73	-	28.50	3.55	-
AV	2.4494G	101.64	Inf	-Inf	69.59	3	Vertical	347	1.73	-	28.50	3.55	-
PK	2.4835G	61.01	74.00	-12.99	28.93	3	Vertical	347	1.73	-	28.50	3.58	-
AV	2.4838G	48.89	54.00	-5.11	16.81	3	Vertical	347	1.73	-	28.50	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



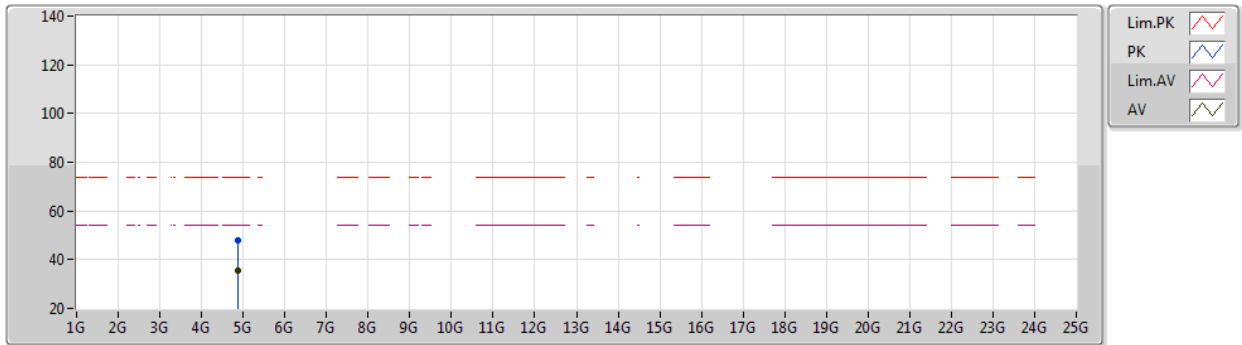
EUT Y_2TX
Setting 46
02-D-L-3

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	58.01	74.00	-15.99	26.06	3	Horizontal	37	1.75	-	28.45	3.50	-
AV	2.3898G	46.36	54.00	-7.64	14.41	3	Horizontal	37	1.75	-	28.45	3.50	-
PK	2.447G	96.72	Inf	-Inf	64.67	3	Horizontal	37	1.75	-	28.50	3.55	-
AV	2.447G	87.56	Inf	-Inf	55.51	3	Horizontal	37	1.75	-	28.50	3.55	-
PK	2.4882G	56.52	74.00	-17.48	24.43	3	Horizontal	37	1.75	-	28.50	3.59	-
AV	2.4962G	45.30	54.00	-8.70	13.20	3	Horizontal	37	1.75	-	28.50	3.60	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



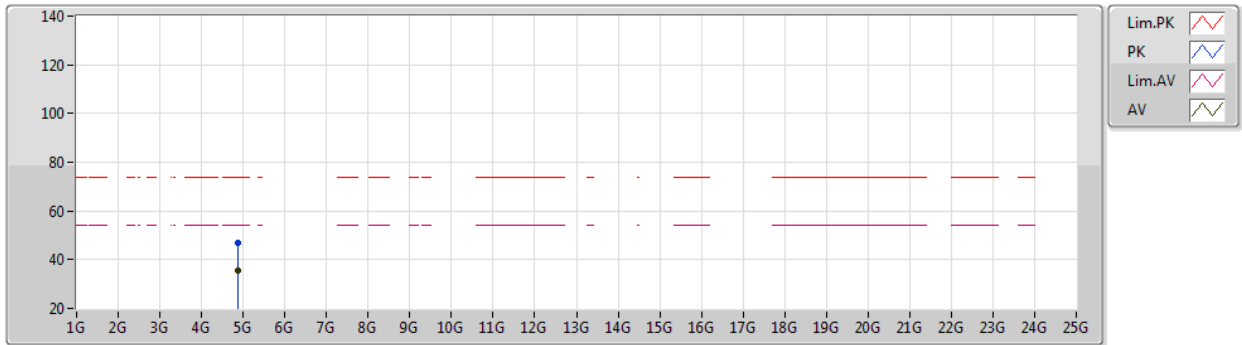
EUT Y_2TX
Setting 46
02-D-L-3

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	4.87323G	47.71	74.00	-26.29	39.24	3	Vertical	270	2.25	-	32.99	5.84	30.36
AV	4.87399G	35.36	54.00	-18.64	26.88	3	Vertical	270	2.25	-	33.00	5.84	30.36

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2437MHz_TX



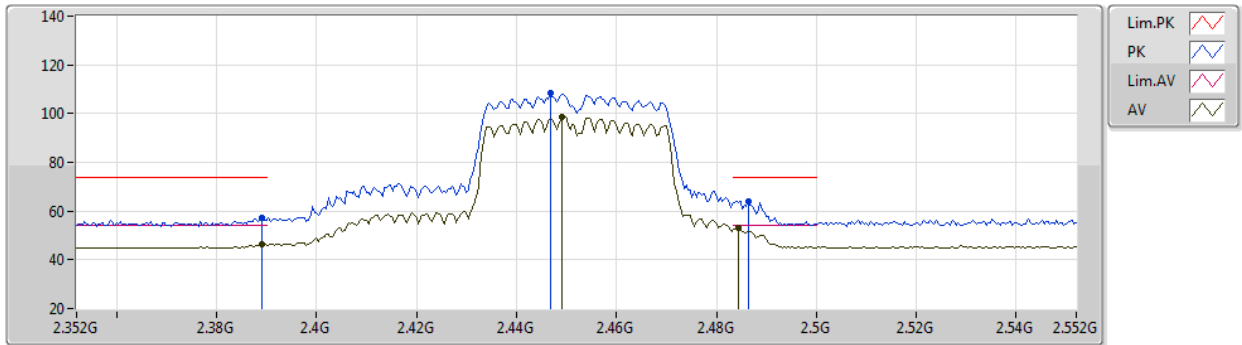
EUT Y_2TX
Setting 46
02-D-L-3

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	4.87403G	47.00	74.00	-27.00	38.52	3	Horizontal	144	2.26	-	33.00	5.84	30.36
AV	4.8744G	35.37	54.00	-18.63	26.89	3	Horizontal	144	2.26	-	33.00	5.84	30.36

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2452MHz_TX



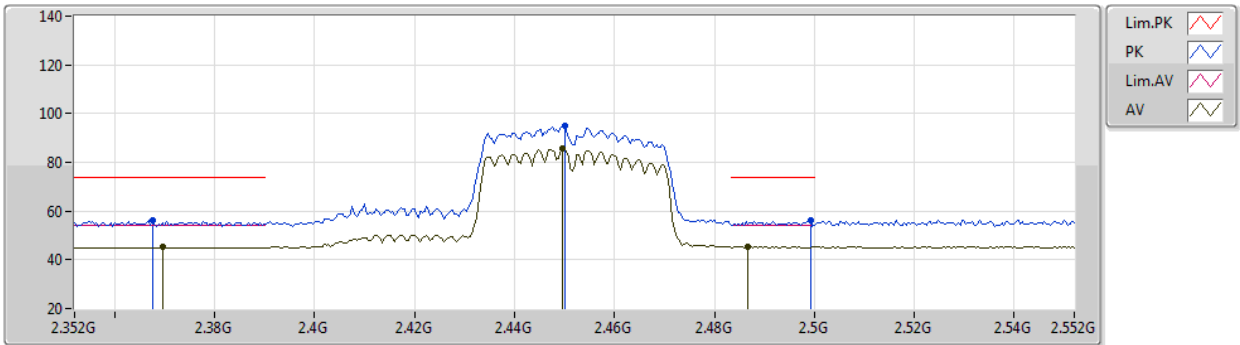
EUT Y_2TX
Setting 35
02-D-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	57.08	74.00	-16.92	25.13	3	Vertical	354	1.44	-	28.45	3.50	-
AV	2.3892G	46.48	54.00	-7.52	14.53	3	Vertical	354	1.44	-	28.45	3.50	-
PK	2.4468G	108.64	Inf	-Inf	76.59	3	Vertical	354	1.44	-	28.50	3.55	-
AV	2.4492G	98.69	Inf	-Inf	66.64	3	Vertical	354	1.44	-	28.50	3.55	-
PK	2.4864G	64.17	74.00	-9.83	32.08	3	Vertical	354	1.44	-	28.50	3.59	-
AV	2.4844G	52.90	54.00	-1.10	20.82	3	Vertical	354	1.44	-	28.50	3.58	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2452MHz_TX



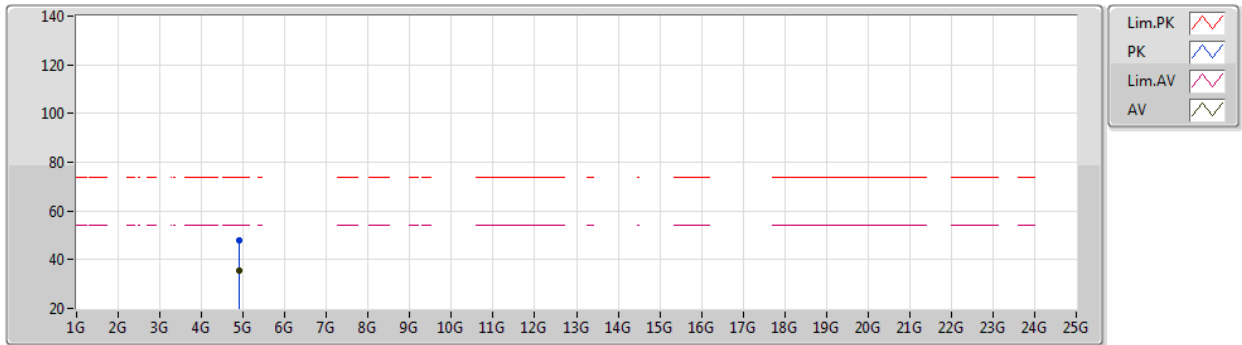
EUT Y_2TX
Setting 35
02-D-L-3

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	2.3676G	55.98	74.00	-18.02	24.14	3	Horizontal	48	1.51	-	28.34	3.50	-
AV	2.3696G	45.14	54.00	-8.86	13.29	3	Horizontal	48	1.51	-	28.35	3.50	-
PK	2.45G	94.79	Inf	-Inf	62.74	3	Horizontal	48	1.51	-	28.50	3.55	-
AV	2.4496G	85.57	Inf	-Inf	53.52	3	Horizontal	48	1.51	-	28.50	3.55	-
PK	2.4992G	56.24	74.00	-17.76	24.14	3	Horizontal	48	1.51	-	28.50	3.60	-
AV	2.4868G	45.53	54.00	-8.47	13.44	3	Horizontal	48	1.51	-	28.50	3.59	-

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2452MHz_TX



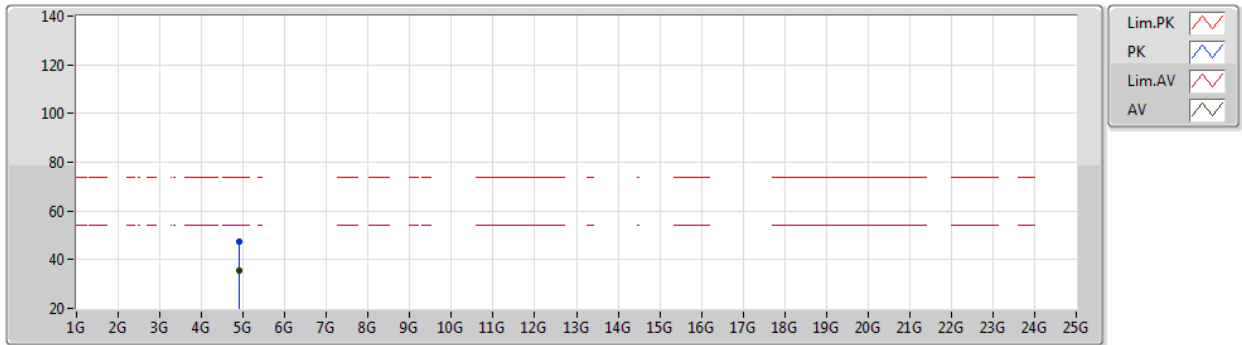
EUT Y_2TX
Setting 35
02-D-L-3

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	4.90395G	47.79	74.00	-26.21	39.18	3	Vertical	272	2.52	-	33.11	5.85	30.35
AV	4.90414G	35.31	54.00	-18.69	26.70	3	Vertical	272	2.52	-	33.11	5.85	30.35

802.11n HT40_Nss1,(MCS0)_2TX

12/02/2020

2452MHz_TX



EUT Y_2TX
Setting 35
02-D-L-3

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	4.90483G	47.44	74.00	-26.56	38.83	3	Horizontal	10	1.26	-	33.11	5.85	30.35
AV	4.90375G	35.47	54.00	-18.53	26.86	3	Horizontal	10	1.26	-	33.11	5.85	30.35

