



RADIO TEST REPORT

FCC ID : 2AXJ4X20V3
Equipment : AX1800 Whole Home Mesh Wi-Fi 6 System
Brand Name : tp-link
Model Name : Deco X20, Deco X21
Applicant : TP-Link Corporation Limited
Room 901, 9/F. , New East Ocean Centre, 9 Science
Museum Road, Tsim Sha Tsui, Kowloon, Hong
Kong
Manufacturer : TP-Link Corporation Limited
Room 901, 9/F. , New East Ocean Centre, 9 Science
Museum Road, Tsim Sha Tsui, Kowloon, Hong
Kong
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 10, 2021, and testing was started from Nov. 24, 2021 and completed on Feb. 07, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	9
2 Test Configuration of EUT.....	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration.....	12
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	
Photographs of EUT v01	



History of this test report

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

Page Number : 3 of 33
Issued Date : Mar. 01, 2022
Report Version : 01



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:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

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

Reviewed by: Sam Chen**Report Producer: Penny Kao**



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), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

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.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz	
								UNII 1	UNII 3
1	1	1	TP-LINK	3101502757	PCB	I-Pex	1.94	0.97	0.94
2	2	2	TP-LINK	3101502756	PCB	I-Pex	1.93	0.90	0.85

Note 1: The above information was declared by manufacturer.

For 2.4GHz WLAN function

IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

Port 1 and Port 2 could be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz WLAN function

IEEE 802.11a/n/ac/ax mode (2TX/2RX):

Port 1 and Port 2 could be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

Note 2: Directional gain information

Maximum Output Power	Power Spectral Density
Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain ; G3 = Ant 3 Gain ; G4 = Ant 4 Gain ;

2.4GHz DG = 4.95 dBi

5 GHz U-NII-1 DG =3.95 dBi

5 GHz U-NII-3 DG =3.91 dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.961	0.17	1.4m	1k
VHT20	0.961	0.17	1.32m	1k
VHT40	0.922	0.35	660u	3k
802.11ax HEW20	0.95	0.22	1.02m	1k
802.11ax HEW40	0.907	0.42	542.5u	3k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QA UI (MT7915) : version 0.0.2.15			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function
AP Router
Mesh

Note 1: After evaluating, AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
Deco X20	All the models are identical, the different model names served as a marketing strategy.
Deco X21	

Note 1: From the above models, model: Deco X20 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2013

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

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Serway Li	22~23.4 / 59~63	Jan. 28, 2022~ Feb. 07, 2022
Radiated (Below 1GHz)	03CH05-CB	Ken Yeh	24.1-25.2 / 55-58	Nov. 24, 2021
Radiated (Above 1GHz)	03CH04-CB	Kevin Huang	24.2-26.1 / 55-58	Nov. 24, 2021~ Jan. 29, 2022
Radiated (Co-location)	03CH05-CB	Kevin Huang	22.7-23.8 / 55-58	Nov. 24, 2021~ Jan. 29, 2022
AC Conduction	CO01-CB	Allen Chung	20~22 / 50~51	Nov. 30, 2021



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21.5
2417MHz	21.5
2437MHz	23.5
2457MHz	21
2462MHz	20.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16.5
2417MHz	18
2437MHz	21.5
2457MHz	19
2462MHz	16.5
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	18.5
2437MHz	21
2457MHz	18.5
2462MHz	16.5
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	15.5
2427MHz	15.5
2437MHz	17
2447MHz	16
2452MHz	16
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	18.5
2437MHz	21.5
2457MHz	18.5
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-



Mode	Power Setting
2422MHz	15.5
2427MHz	15.5
2437MHz	17
2447MHz	16
2452MHz	16

Note:

- ♦ Evaluated VHT20/VHT40 mode only due to the similar modulation.
The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.

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 Test Voltage: 120V / 60Hz
Operating Mode	Normal Link
1	EUT + Adapter

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

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 X axis + Adapter
2	EUT in Y axis + Adapter
3	EUT in Z axis + Adapter
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. The worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis

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
	The EUT was performed at X axis, Y axis and Z axis position. EUT in Z axis has been evaluated to be the worst case at WLAN 5GHz Unwanted Emissions < Above 1GHz>; thus, the measurement will follow this same test configuration.
1	EUT in Z axis: WLAN 2.4GHz + WLAN 5GHz
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 + WLAN 5GHz
Refer to Sporton Test Report No.: FA1N0819 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 Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter	TP-Link	T120120-2B4	Input: 100-240V~50/60Hz, 0.4A Output: 12V, 1.2A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN PC	DELL	T3400	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	Router	ASUS	RP-N53	N/A

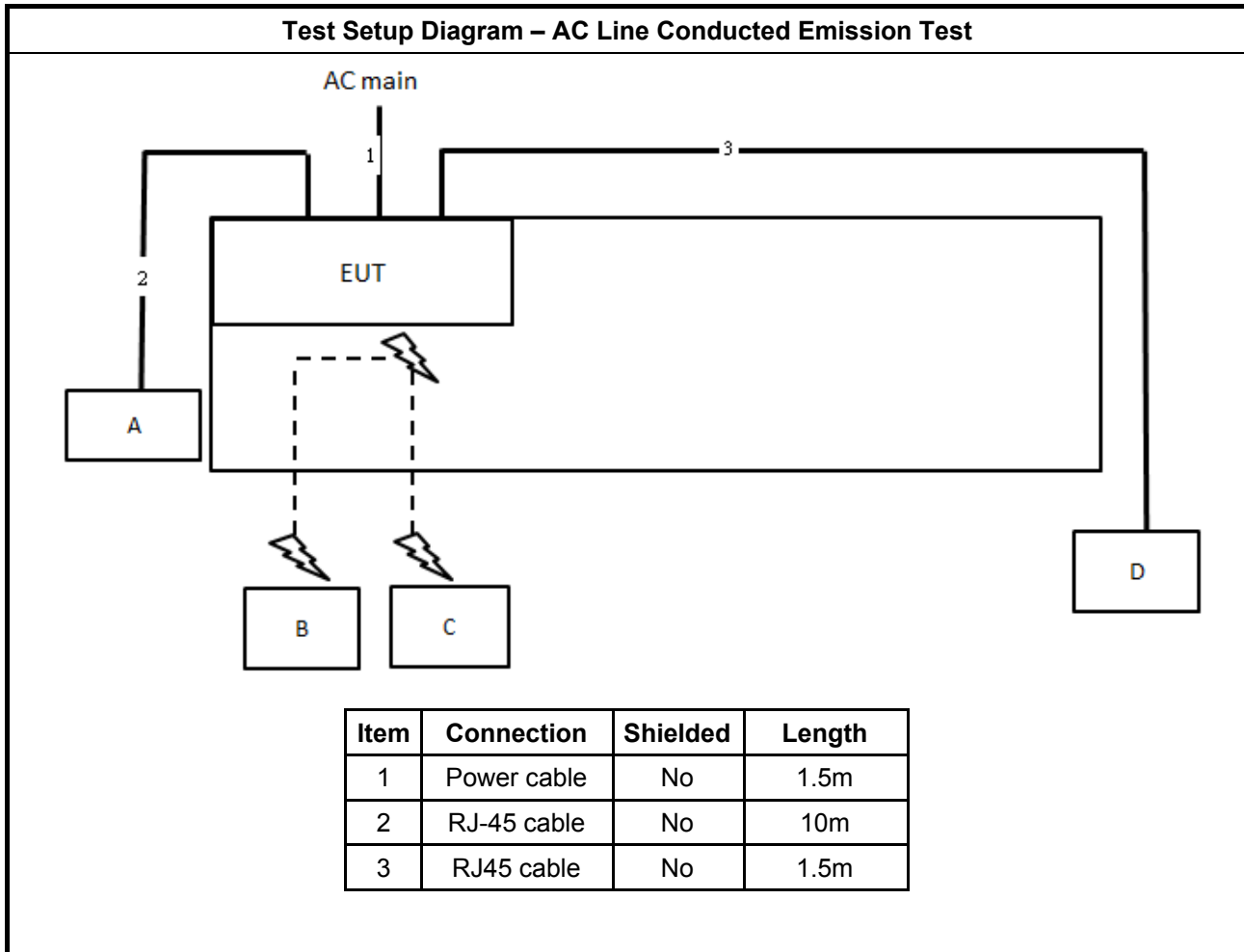
For Radiated (below 1GHz):

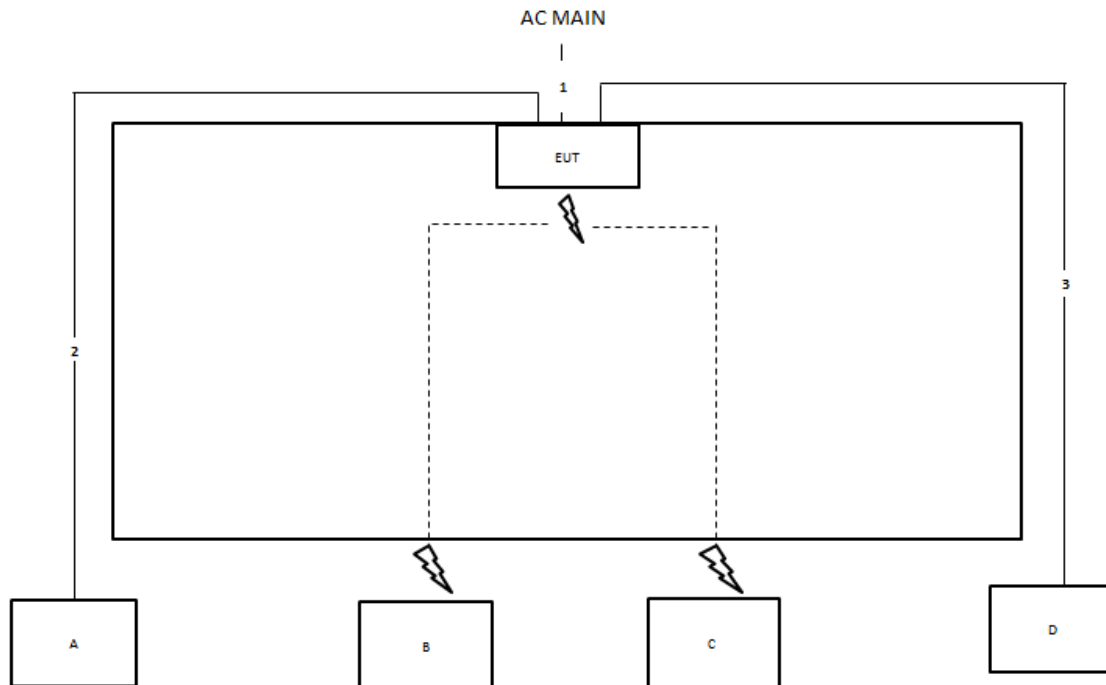
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	WLAN AP	NETGEAR	WNDR3300v2	PY309300116

For Radiated (above 1GHz) and RF Conducted:

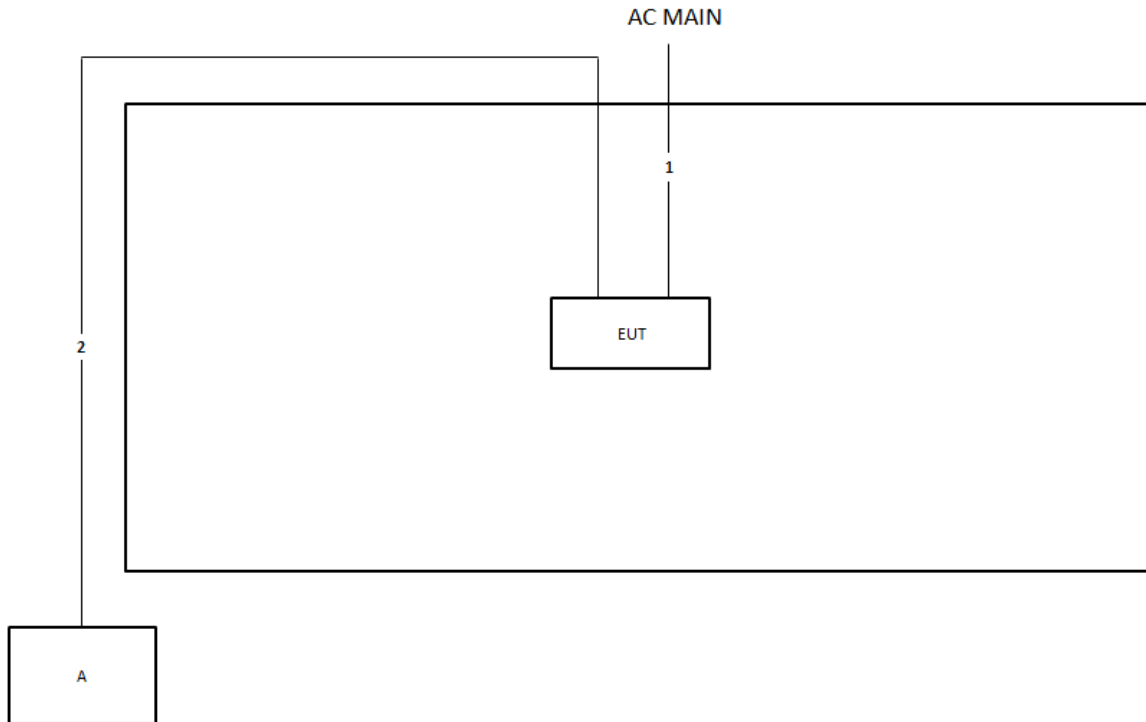
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

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.

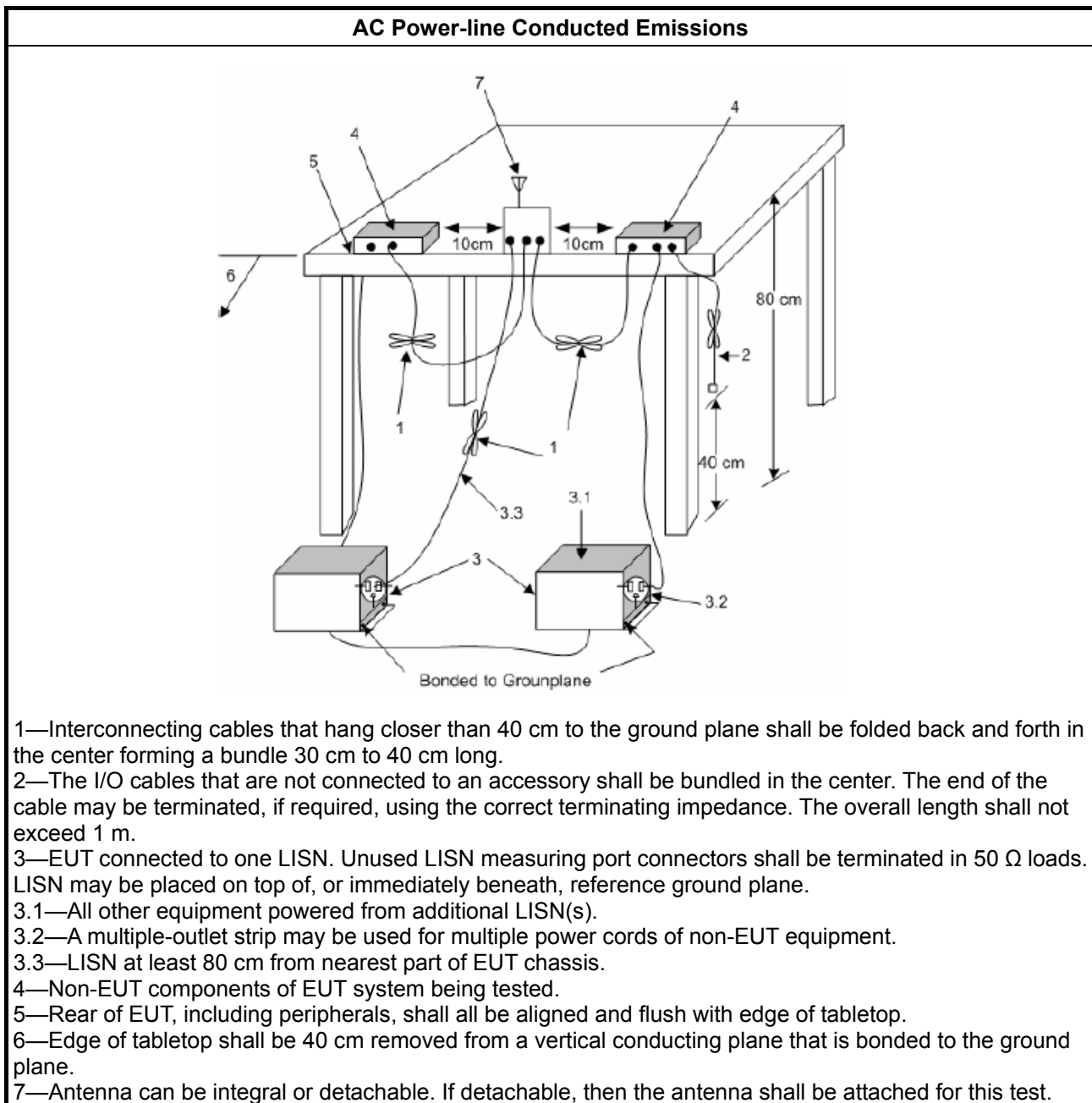
3.1.2 Measuring Instruments

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 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

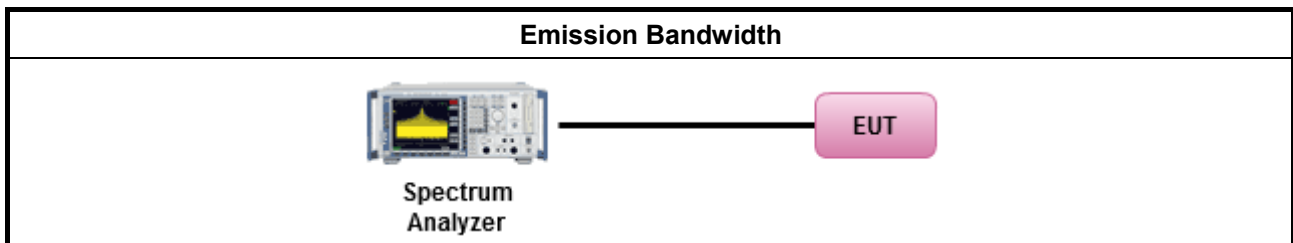
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

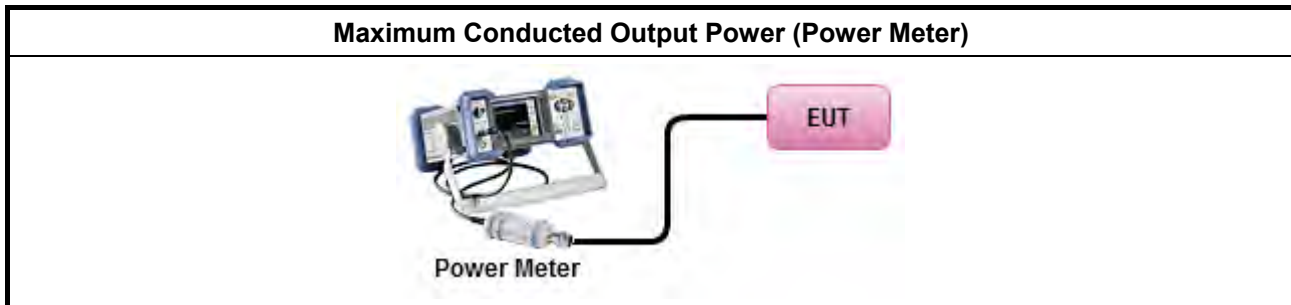
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

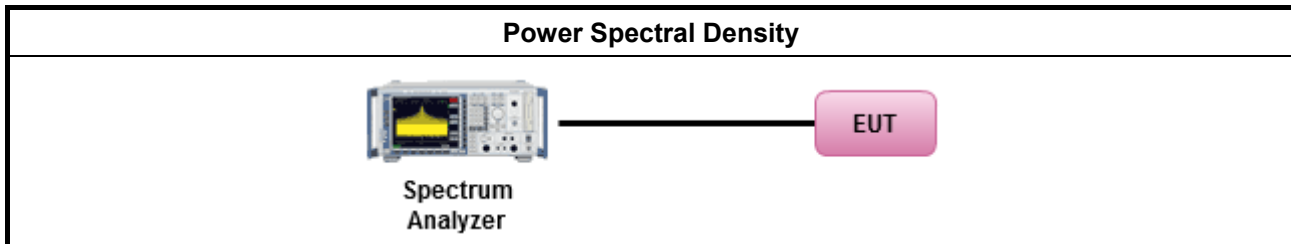
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

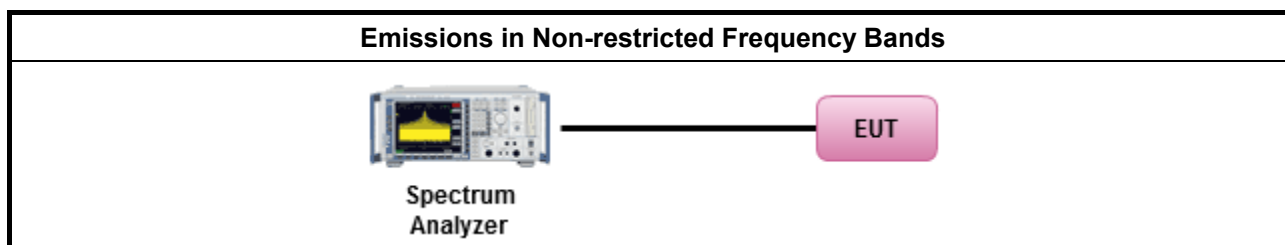
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

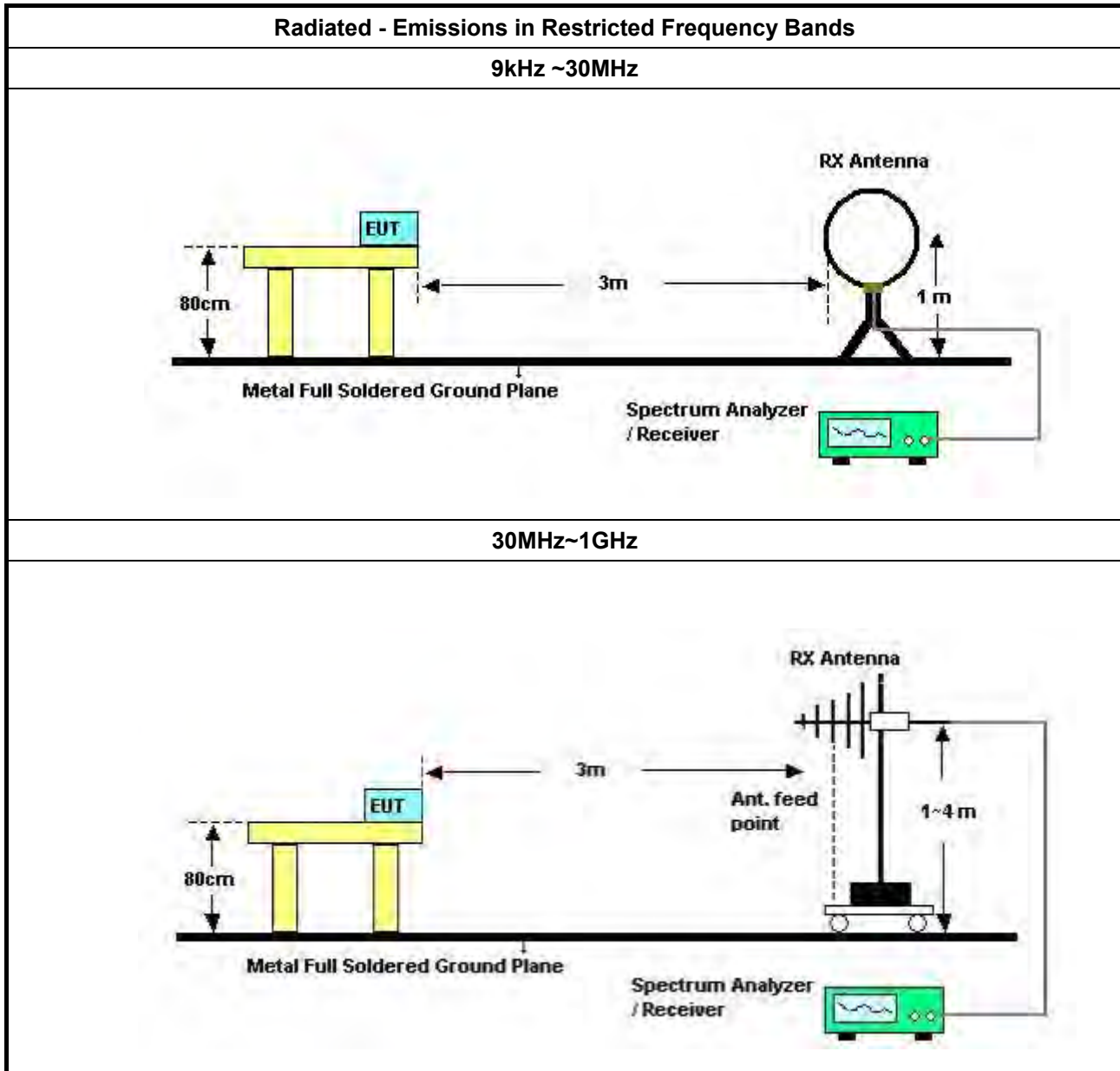
Refer a test equipment and calibration data table in this test report.

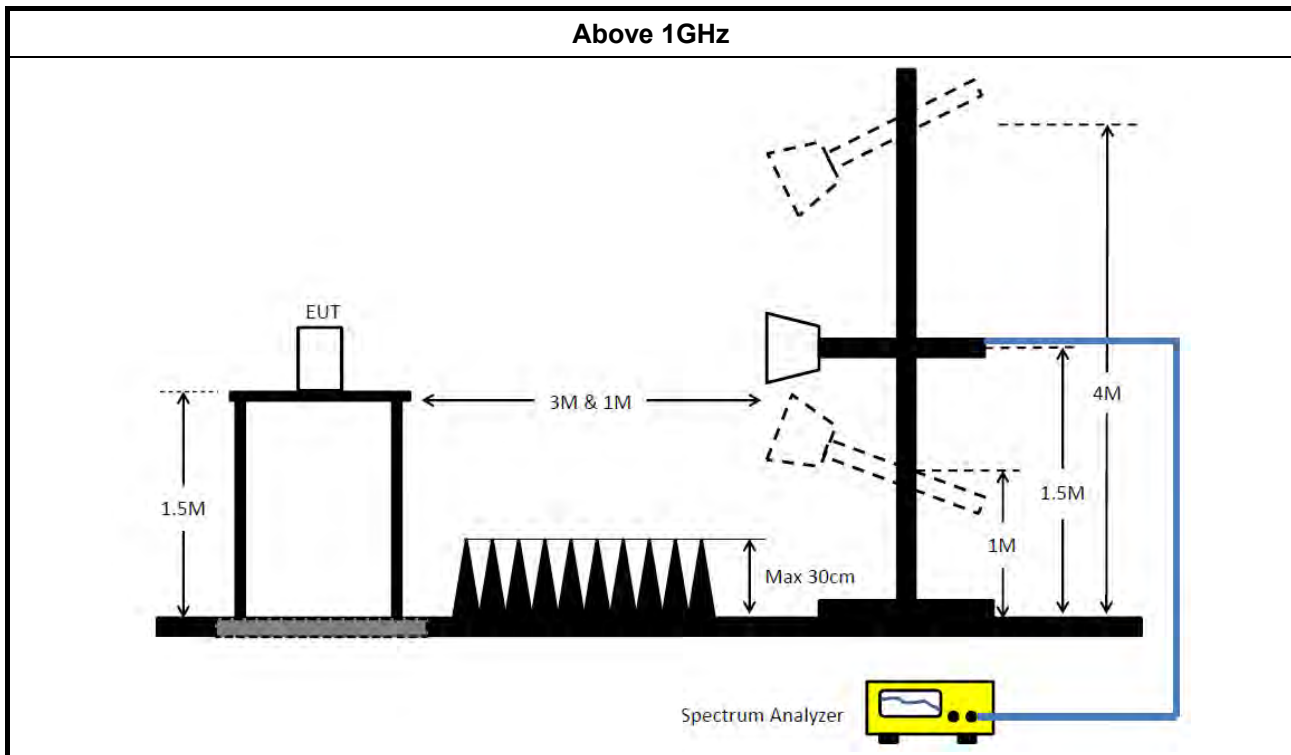


3.6.3 Test Procedures

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

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Feb. 19, 2021	Feb. 18, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 23, 2021	Feb. 22, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



Conducted Emissions at Powerline

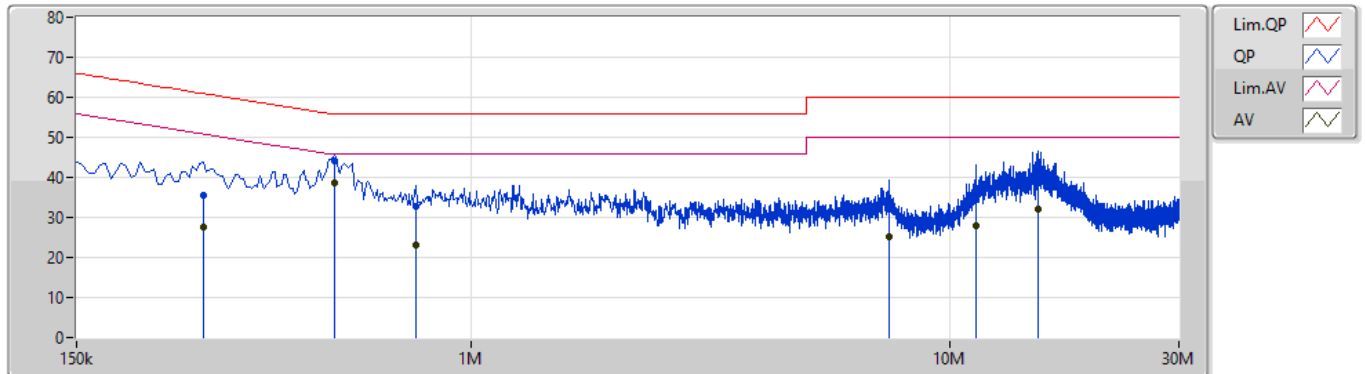
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	519k	38.49	46.00	-7.51	Line

Mode 1

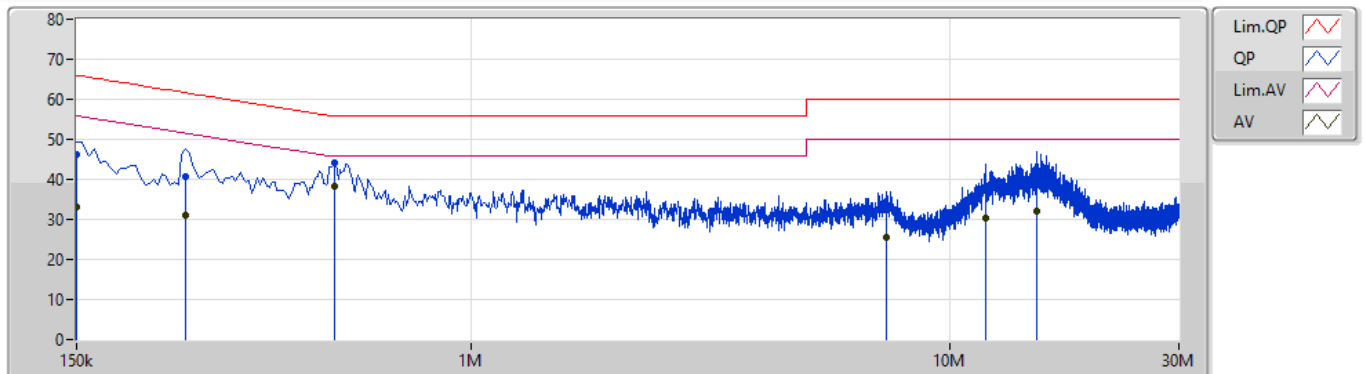
30/11/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	276k	35.63	60.93	-25.30	9.89	Line	-	25.74	0.04	0.04	9.81			
AV	276k	27.63	50.93	-23.30	9.89	Line	-	17.74	0.04	0.04	9.81			
QP	519k	44.25	56.00	-11.75	9.91	Line	-	34.34	0.05	0.04	9.82			
AV	519k	38.49	46.00	-7.51	9.91	Line	"Worst"	28.58	0.05	0.04	9.82			
QP	766.5k	32.81	56.00	-23.19	9.92	Line	-	22.89	0.05	0.04	9.83			
AV	766.5k	22.99	46.00	-23.01	9.92	Line	-	13.07	0.05	0.04	9.83			
QP	7.463M	31.99	60.00	-28.01	10.23	Line	-	21.76	0.19	0.15	9.89			
AV	7.463M	25.04	50.00	-24.96	10.23	Line	-	14.81	0.19	0.15	9.89			
QP	11.324M	35.77	60.00	-24.23	10.30	Line	-	25.47	0.24	0.16	9.90			
AV	11.324M	28.08	50.00	-21.92	10.30	Line	-	17.78	0.24	0.16	9.90			
QP	15.212M	41.15	60.00	-18.85	10.36	Line	-	30.79	0.28	0.17	9.91			
AV	15.212M	32.17	50.00	-17.83	10.36	Line	-	21.81	0.28	0.17	9.91			

Mode 1

30/11/2021



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	46.16	66.00	-19.84	9.88	Neutral	-	36.28	0.03	0.04	9.81			
AV	150k	32.97	56.00	-23.03	9.88	Neutral	-	23.09	0.03	0.04	9.81			
QP	253.5k	40.79	61.64	-20.85	9.88	Neutral	-	30.91	0.03	0.04	9.81			
AV	253.5k	31.03	51.64	-20.61	9.88	Neutral	-	21.15	0.03	0.04	9.81			
QP	519k	44.06	56.00	-11.94	9.90	Neutral	-	34.16	0.04	0.04	9.82			
AV	519k	38.29	46.00	-7.71	9.90	Neutral	"Worst"	28.39	0.04	0.04	9.82			
QP	7.359M	32.64	60.00	-27.36	10.21	Neutral	-	22.43	0.17	0.15	9.89			
AV	7.359M	25.52	50.00	-24.48	10.21	Neutral	-	15.31	0.17	0.15	9.89			
QP	11.819M	37.97	60.00	-22.03	10.28	Neutral	-	27.69	0.22	0.16	9.90			
AV	11.819M	30.43	50.00	-19.57	10.28	Neutral	-	20.15	0.22	0.16	9.90			
QP	15.185M	40.92	60.00	-19.08	10.33	Neutral	-	30.59	0.25	0.17	9.91			
AV	15.185M	32.04	50.00	-17.96	10.33	Neutral	-	21.71	0.25	0.17	9.91			

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	10.025M	16.492M	16M5D2W	8.025M	12.994M
802.11g_Nss1,(6Mbps)_2TX	15.3M	18.491M	18M5D7W	15.05M	16.392M
VHT20_Nss1,(MCS0)_2TX	16.275M	18.466M	18M5D7W	13.525M	17.591M
VHT40_Nss1,(MCS0)_2TX	35.1M	36.182M	36M2D7W	35M	36.082M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.725M	19.69M	19M7D7W	17.025M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	36.8M	37.881M	37M9D7W	35.2M	37.681M

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

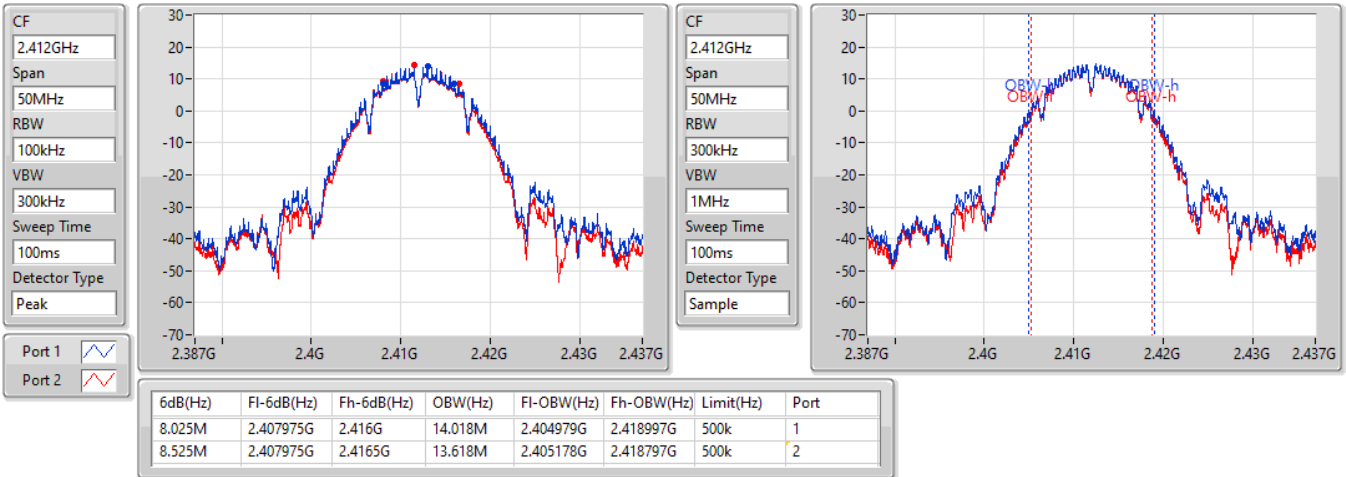
Result

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	8.025M	14.018M	8.525M	13.618M
2437MHz	Pass	500k	10.025M	16.292M	10M	16.492M
2462MHz	Pass	500k	8.05M	13.043M	8.05M	12.994M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.3M	16.517M	15.125M	16.392M
2437MHz	Pass	500k	15.125M	18.091M	15.05M	18.491M
2462MHz	Pass	500k	15.1M	16.567M	15.075M	16.467M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.125M	17.641M	15.375M	17.591M
2437MHz	Pass	500k	13.525M	18.341M	15.7M	18.466M
2462MHz	Pass	500k	15.025M	17.641M	16.275M	17.641M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	36.182M	35.05M	36.182M
2437MHz	Pass	500k	35.1M	36.132M	35.1M	36.132M
2452MHz	Pass	500k	35.1M	36.132M	35M	36.082M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.95M	18.866M	18.725M	18.866M
2437MHz	Pass	500k	18.375M	19.44M	17.025M	19.69M
2462MHz	Pass	500k	18.275M	18.991M	17.8M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.25M	37.781M	35.2M	37.681M
2437MHz	Pass	500k	36.45M	37.881M	35.9M	37.831M
2452MHz	Pass	500k	36M	37.831M	36.8M	37.781M

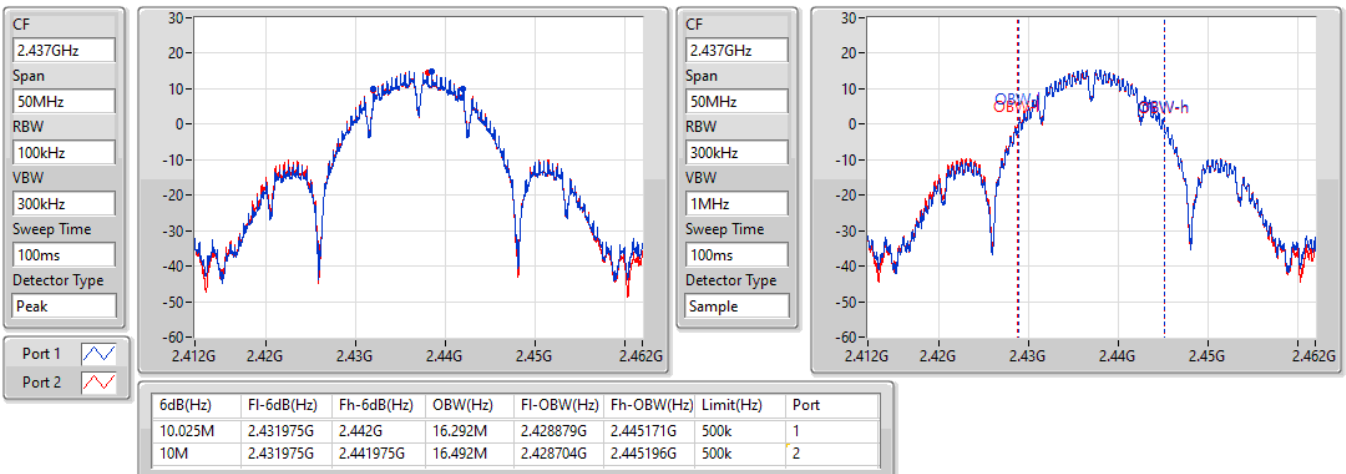
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

28/01/2022


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

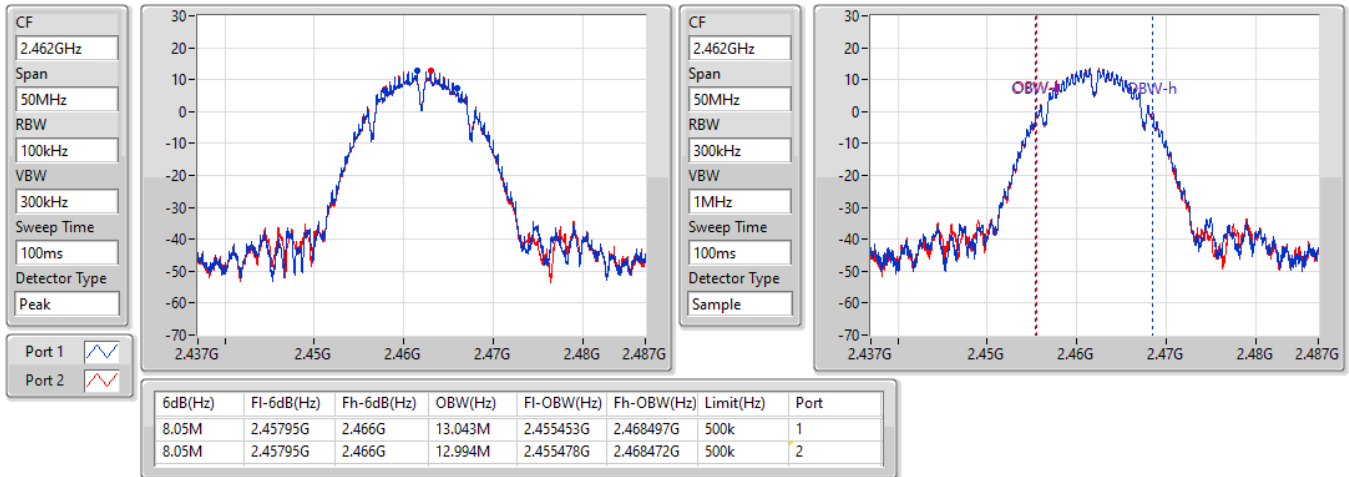
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802.11b_Nss1,(1Mbps)_2TX

EBW
2462MHz

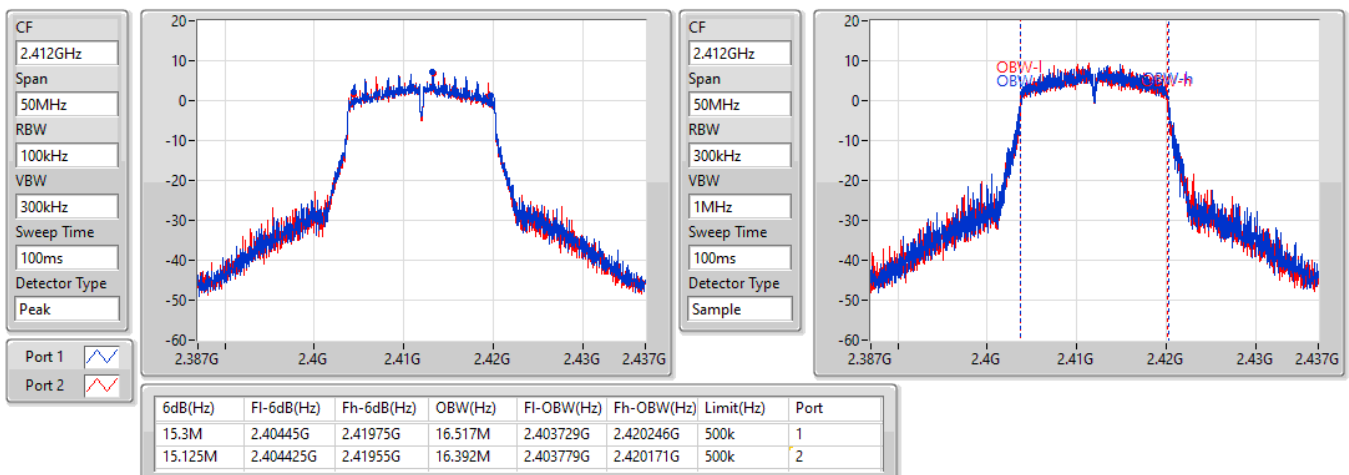
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802.11g_Nss1,(6Mbps)_2TX

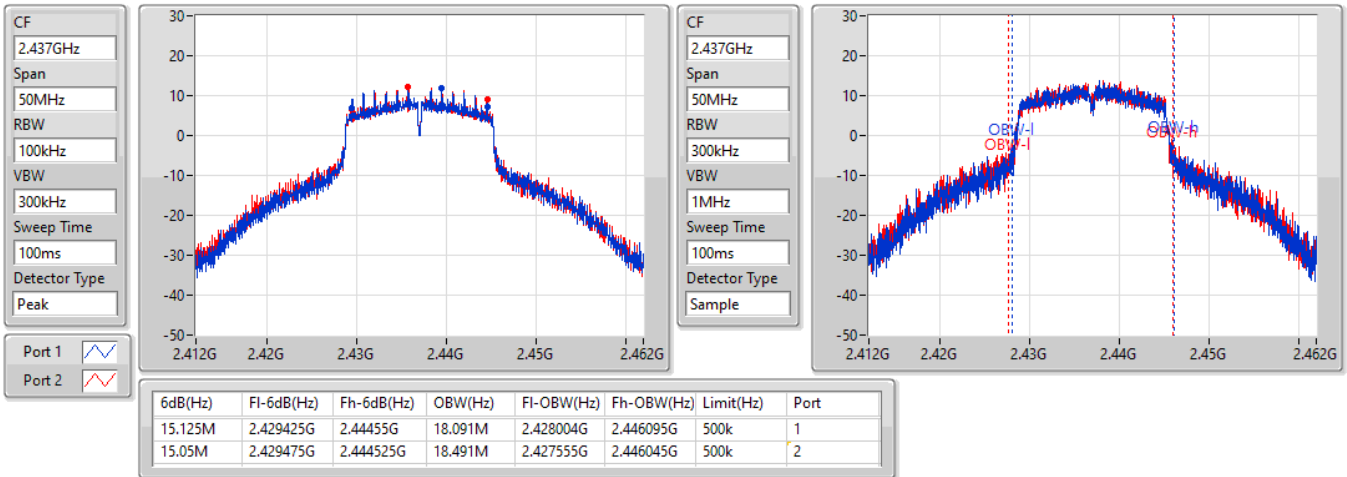
EBW
2412MHz

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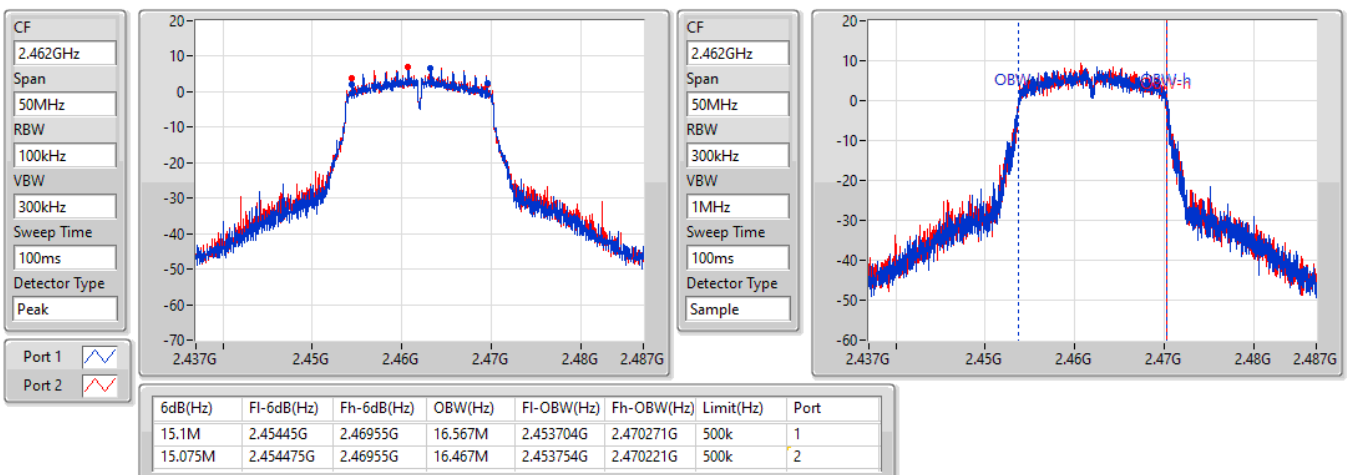


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

28/01/2022

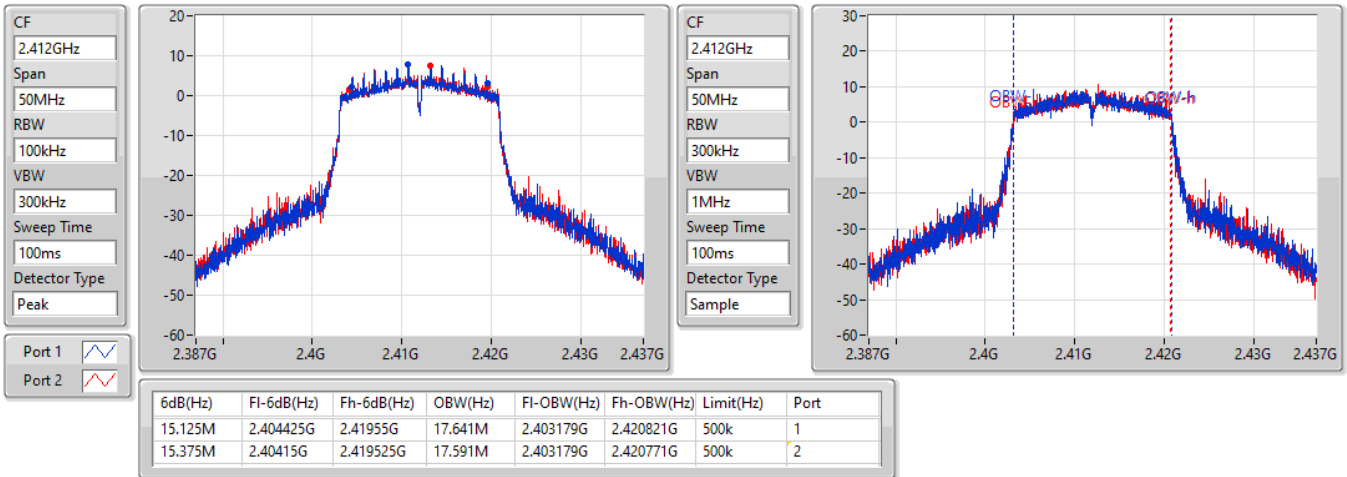

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

28/01/2022

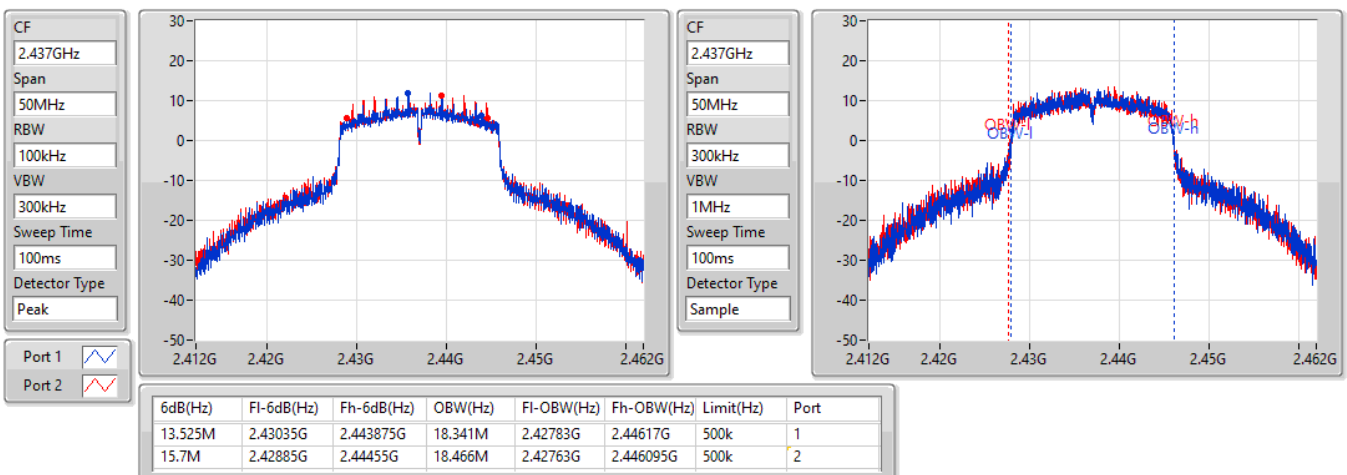


VHT20_Nss1,(MCS0)_2TX
EBW
2412MHz

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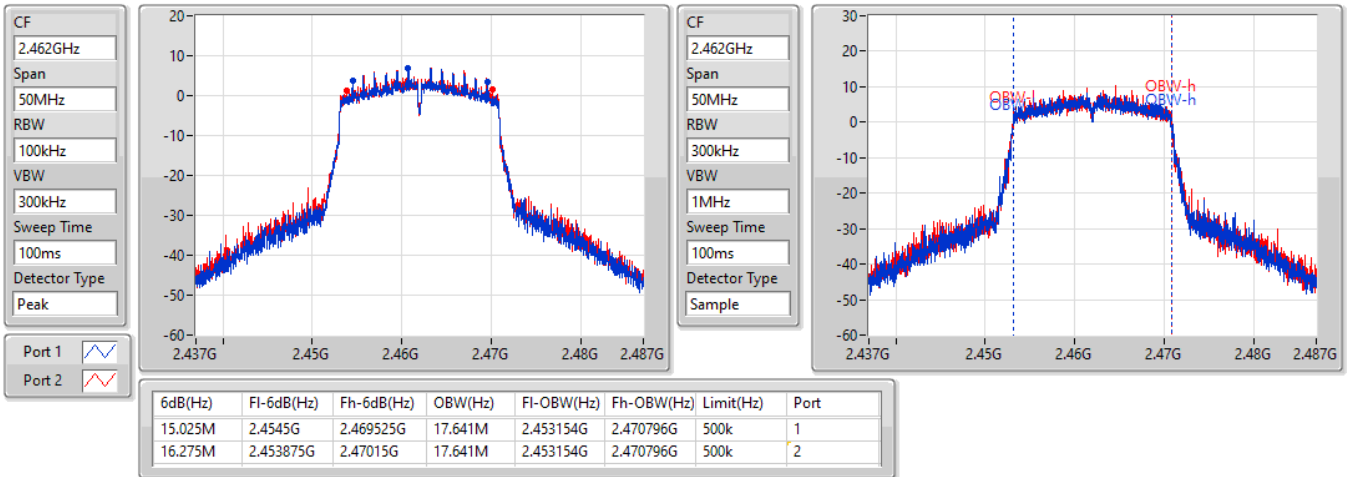

VHT20_Nss1,(MCS0)_2TX
EBW
2437MHz

28/01/2022

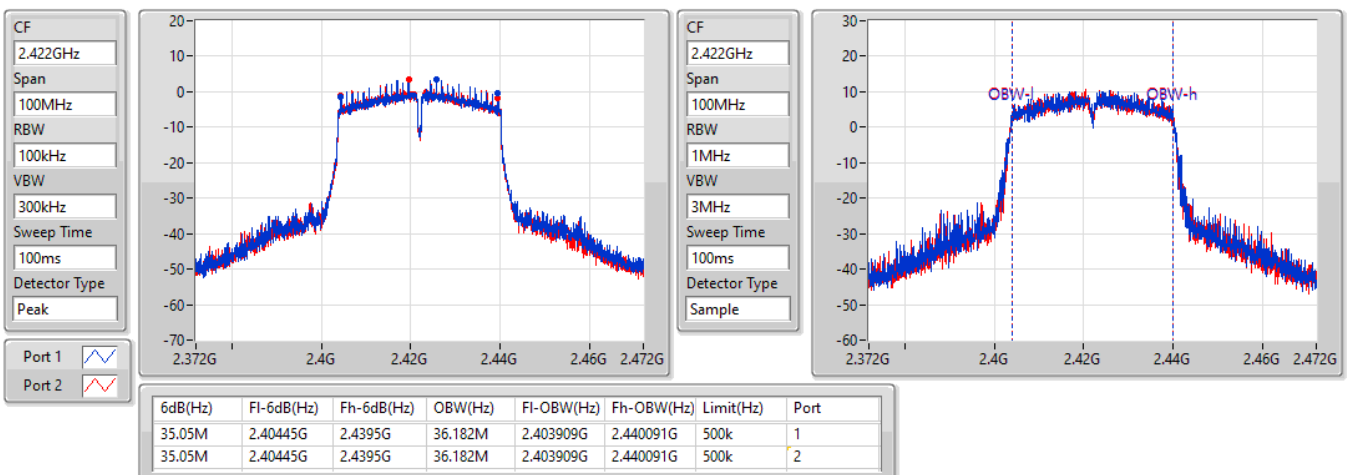


VHT20_Nss1,(MCS0)_2TX
EBW
2462MHz

28/01/2022

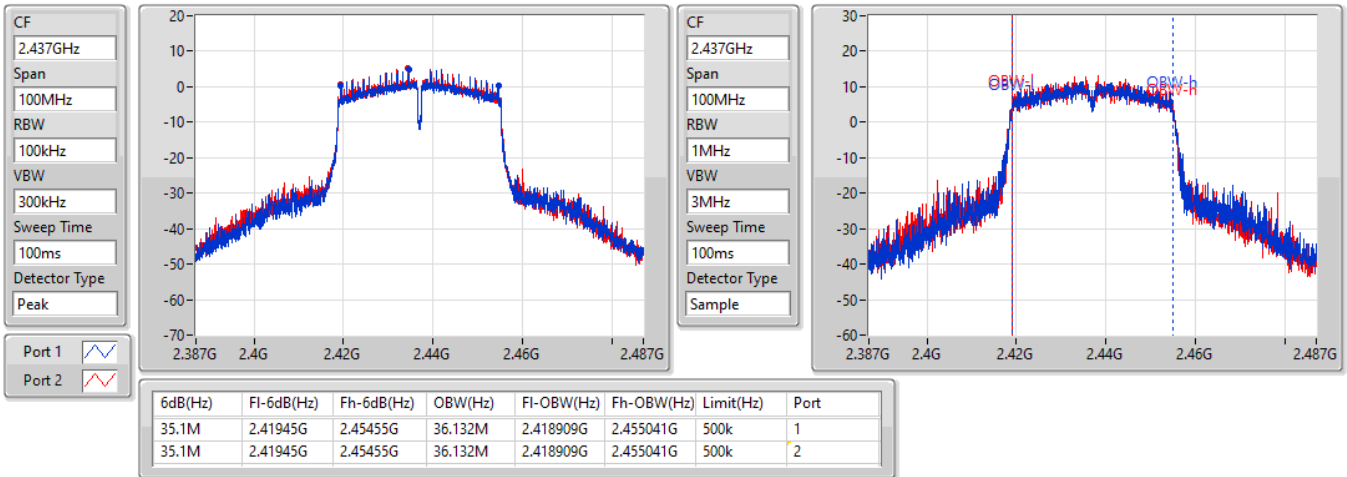

VHT40_Nss1,(MCS0)_2TX
EBW
2422MHz

28/01/2022

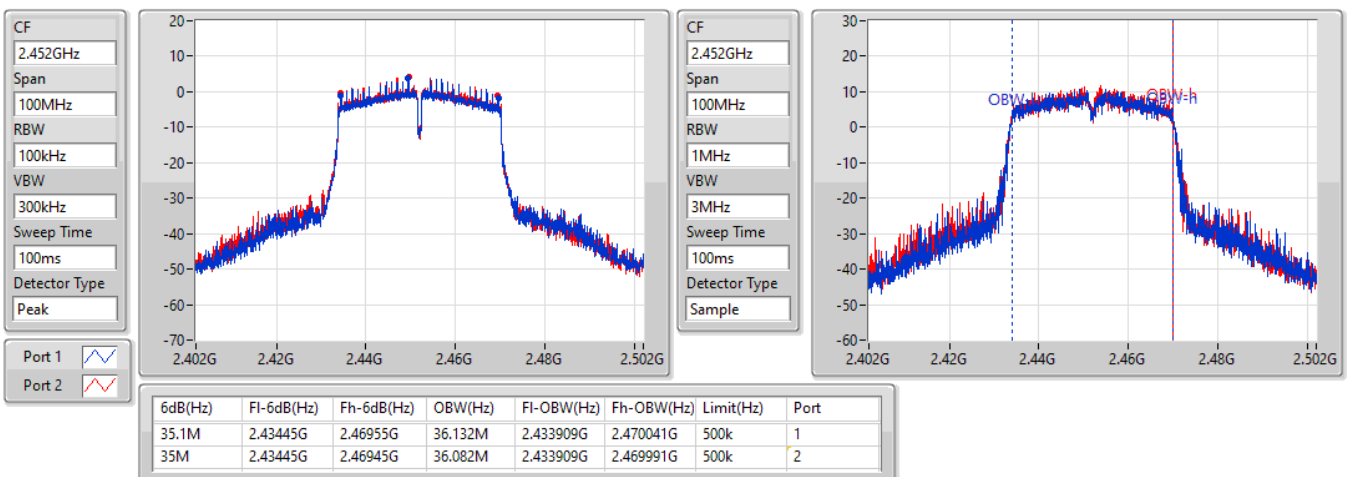


VHT40_Nss1,(MCS0)_2TX
EBW
2437MHz

28/01/2022


VHT40_Nss1,(MCS0)_2TX
EBW
2452MHz

28/01/2022

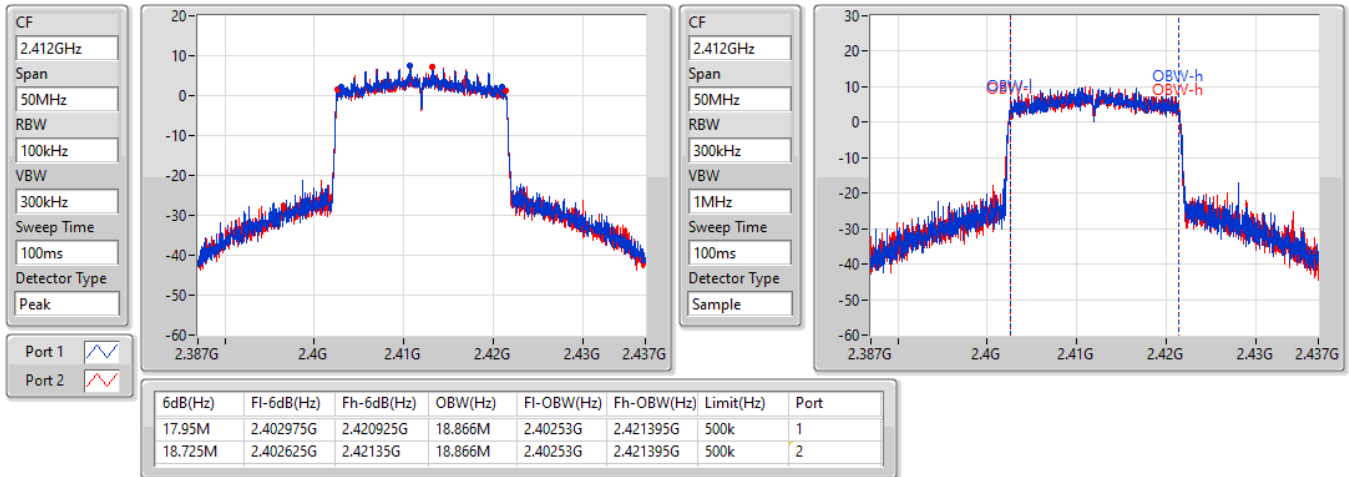


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

28/01/2022

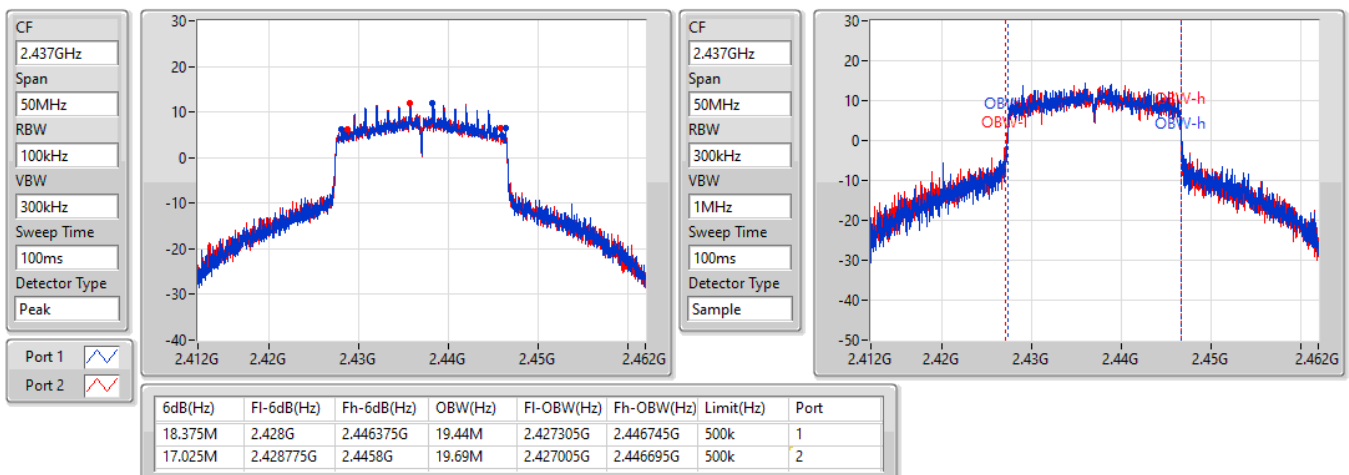


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

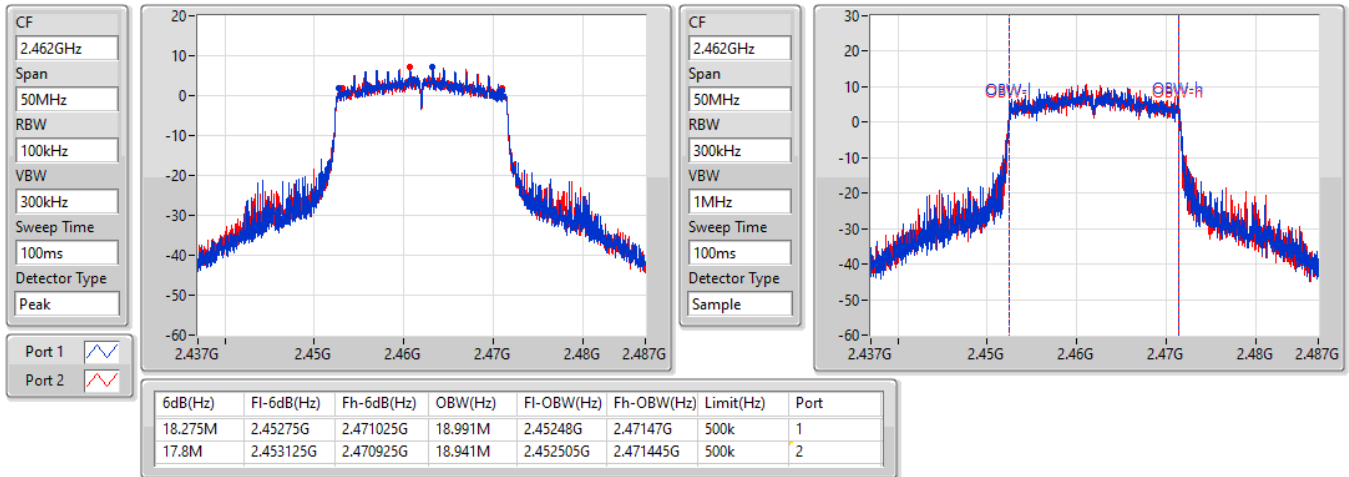
2437MHz

28/01/2022

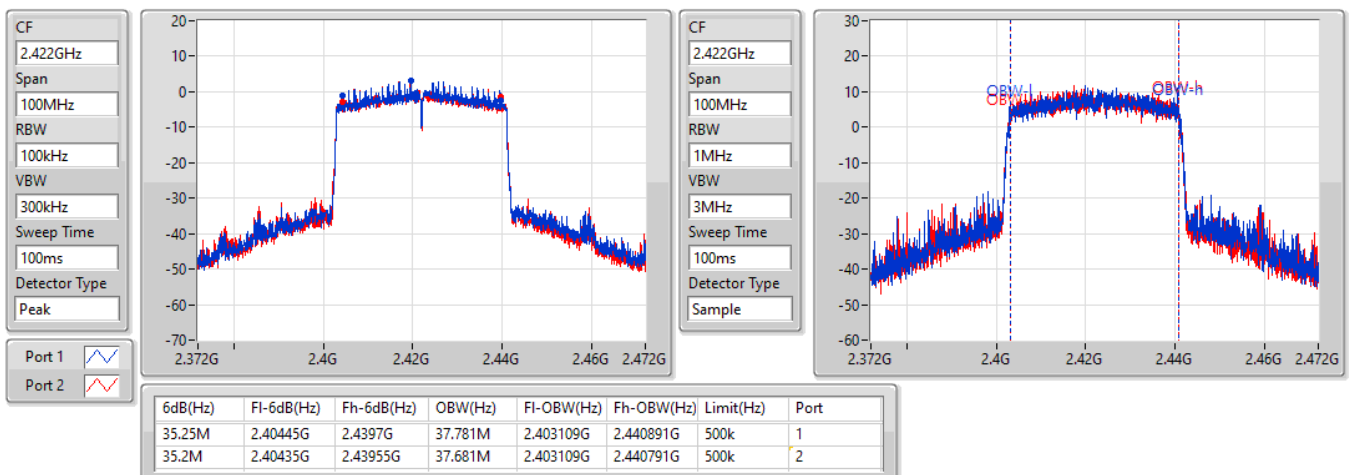


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

28/01/2022

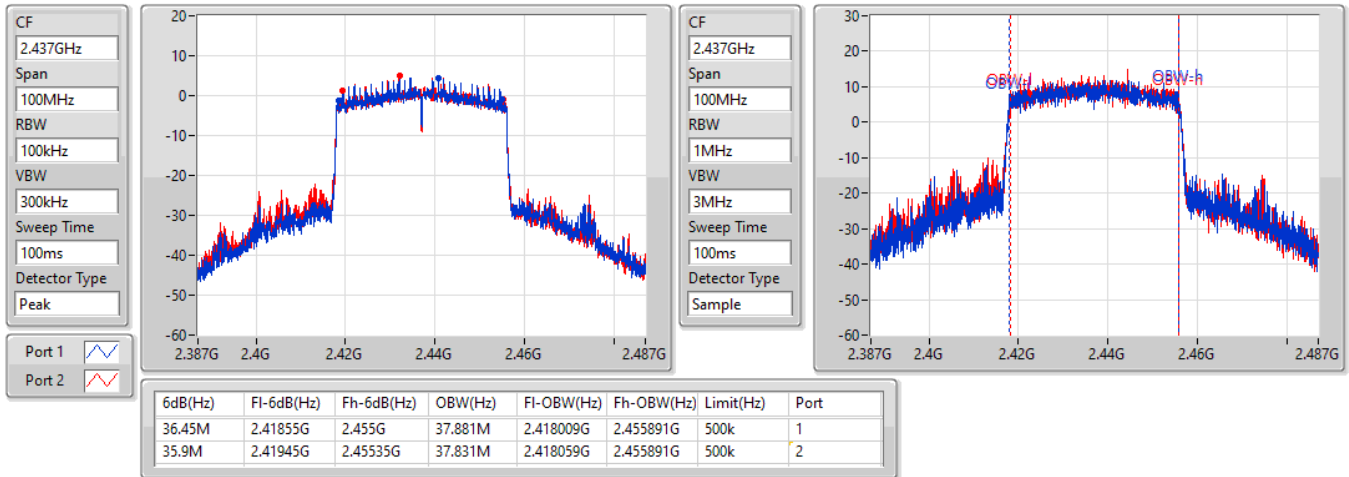

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

28/01/2022

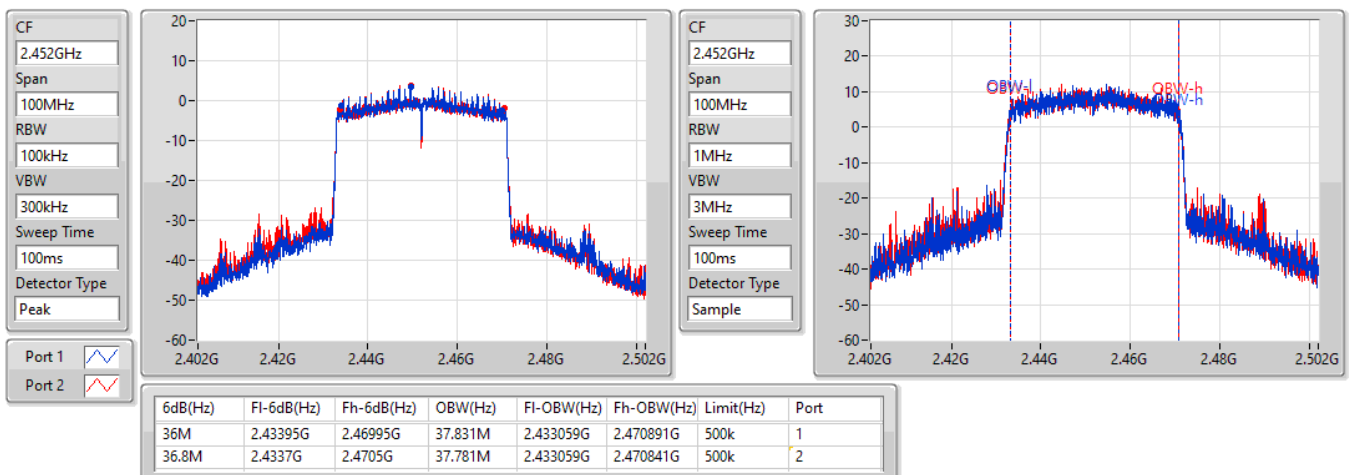


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2437MHz

28/01/2022


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2452MHz

28/01/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.07	0.50933
802.11g_Nss1,(6Mbps)_2TX	25.47	0.35237
VHT20_Nss1,(MCS0)_2TX	25.12	0.32509
VHT40_Nss1,(MCS0)_2TX	21.35	0.13646
802.11ax HEW20_Nss1,(MCS0)_2TX	25.55	0.35892
802.11ax HEW40_Nss1,(MCS0)_2TX	21.49	0.14093

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.94	22.83	22.53	25.69	30.00
2417MHz	Pass	1.94	22.85	22.56	25.72	30.00
2437MHz	Pass	1.94	24.06	24.06	27.07	30.00
2457MHz	Pass	1.94	21.99	22.00	25.01	30.00
2462MHz	Pass	1.94	21.40	21.49	24.46	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.94	17.90	17.79	20.86	30.00
2417MHz	Pass	1.94	19.51	19.27	22.40	30.00
2437MHz	Pass	1.94	22.46	22.45	25.47	30.00
2457MHz	Pass	1.94	20.14	20.05	23.11	30.00
2462MHz	Pass	1.94	17.58	17.74	20.67	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.94	18.17	18.35	21.27	30.00
2417MHz	Pass	1.94	19.90	19.74	22.83	30.00
2437MHz	Pass	1.94	22.09	22.12	25.12	30.00
2457MHz	Pass	1.94	19.62	19.81	22.73	30.00
2462MHz	Pass	1.94	17.50	17.69	20.61	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.94	16.77	16.65	19.72	30.00
2427MHz	Pass	1.94	16.73	16.36	19.56	30.00
2437MHz	Pass	1.94	18.26	18.42	21.35	30.00
2447MHz	Pass	1.94	17.16	17.29	20.24	30.00
2452MHz	Pass	1.94	17.14	17.23	20.20	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.94	18.60	18.46	21.54	30.00
2417MHz	Pass	1.94	20.07	19.85	22.97	30.00
2437MHz	Pass	1.94	22.57	22.50	25.55	30.00
2457MHz	Pass	1.94	19.79	19.86	22.84	30.00
2462MHz	Pass	1.94	18.22	18.27	21.26	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.94	16.91	16.77	19.85	30.00
2427MHz	Pass	1.94	16.84	16.70	19.78	30.00
2437MHz	Pass	1.94	18.39	18.56	21.49	30.00
2447MHz	Pass	1.94	17.26	17.42	20.35	30.00
2452MHz	Pass	1.94	17.27	17.42	20.36	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	1.88
802.11g_Nss1,(6Mbps)_2TX	-0.79
VHT20_Nss1,(MCS0)_2TX	-1.71
VHT40_Nss1,(MCS0)_2TX	-7.25
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.57
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.74

RBW = 3kHz;

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	4.95	-0.07	-0.84	1.40	8.00
2437MHz	Pass	4.95	-0.37	-0.18	1.88	8.00
2462MHz	Pass	4.95	-2.19	-1.89	0.59	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.95	-6.83	-7.07	-5.68	8.00
2437MHz	Pass	4.95	-3.11	-2.27	-0.79	8.00
2462MHz	Pass	4.95	-8.09	-7.18	-5.48	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.95	-6.42	-6.37	-3.82	8.00
2437MHz	Pass	4.95	-3.31	-3.24	-1.71	8.00
2462MHz	Pass	4.95	-7.69	-6.67	-5.71	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.95	-10.59	-10.97	-8.85	8.00
2437MHz	Pass	4.95	-9.74	-8.99	-7.25	8.00
2452MHz	Pass	4.95	-11.13	-10.38	-9.48	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.95	-7.43	-8.21	-5.41	8.00
2437MHz	Pass	4.95	-3.66	-2.23	-1.57	8.00
2462MHz	Pass	4.95	-7.18	-8.01	-5.21	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.95	-11.56	-12.59	-10.68	8.00
2437MHz	Pass	4.95	-10.96	-9.07	-7.74	8.00
2452MHz	Pass	4.95	-12.20	-11.29	-10.35	8.00

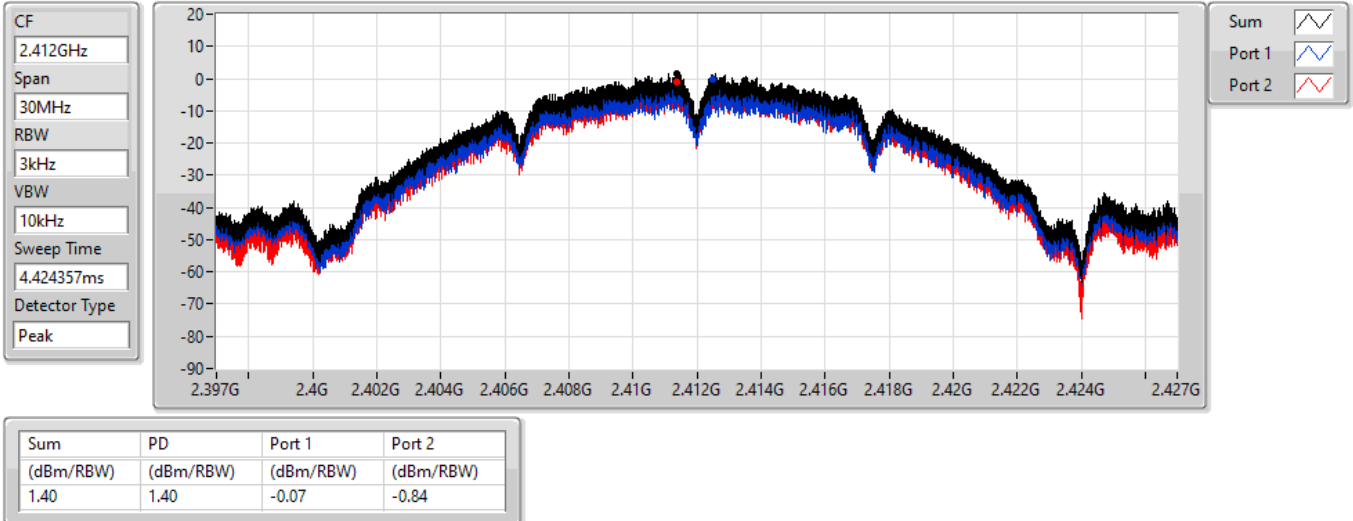
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

28/01/2022

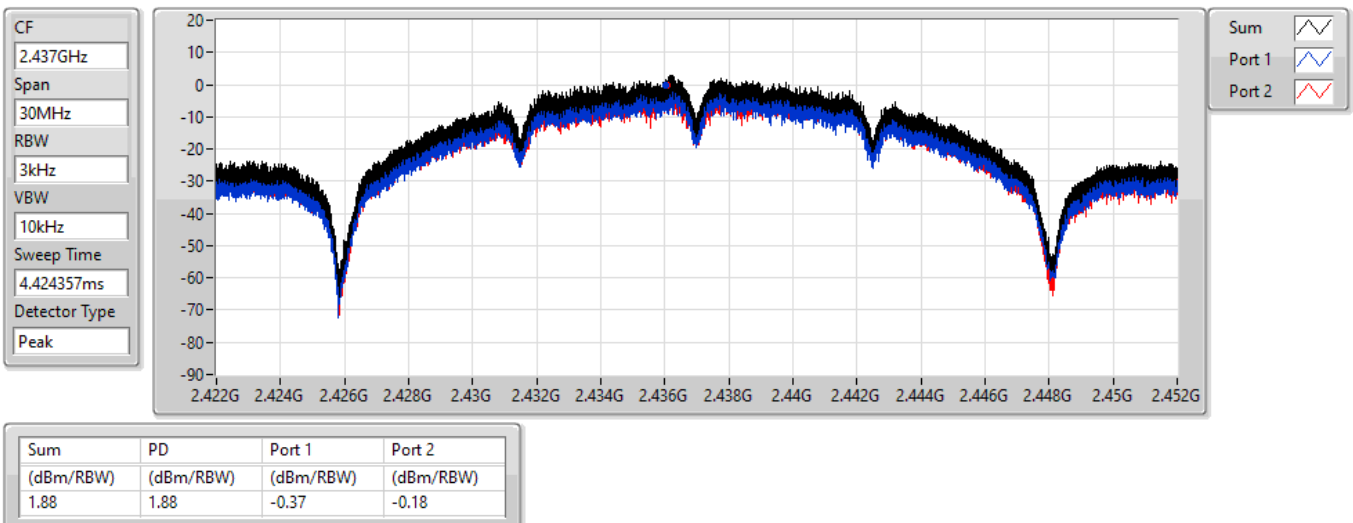


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

28/01/2022

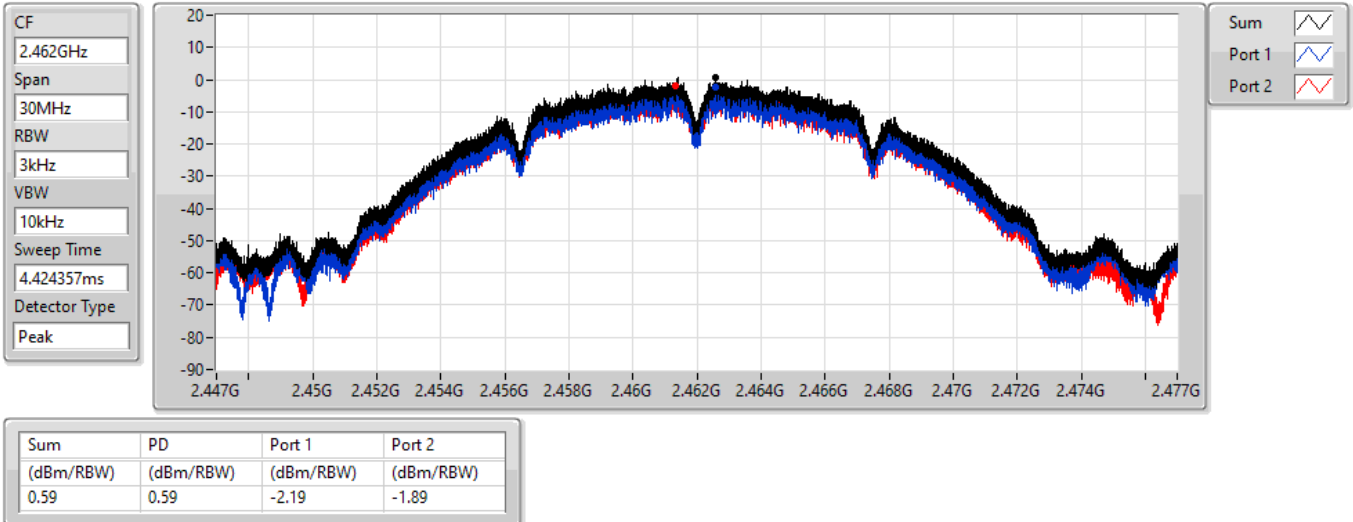


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

28/01/2022

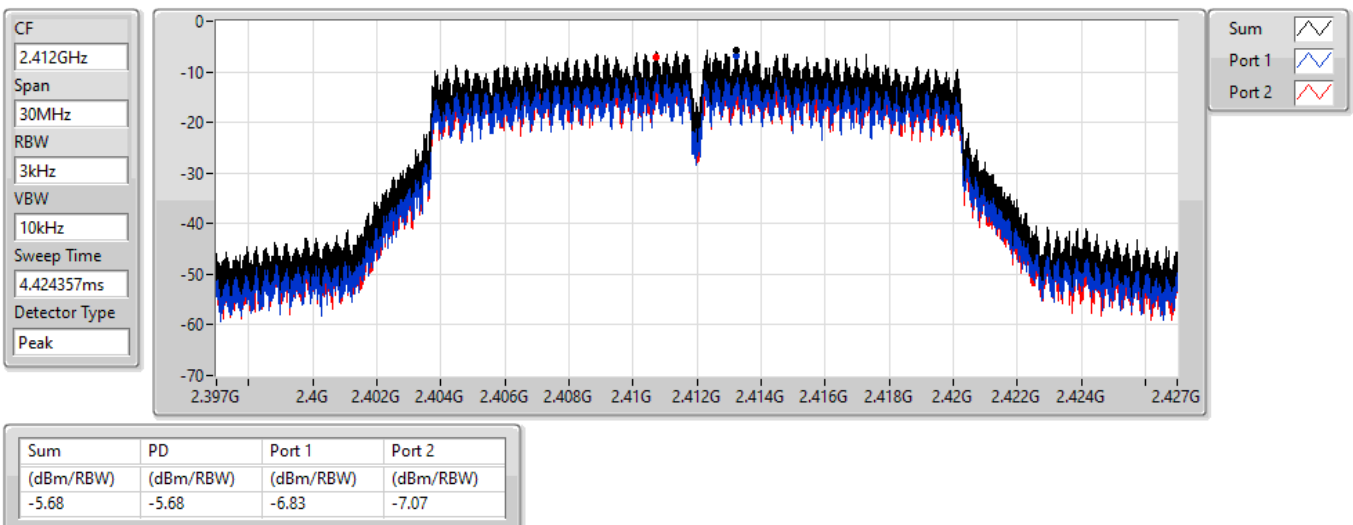


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

28/01/2022

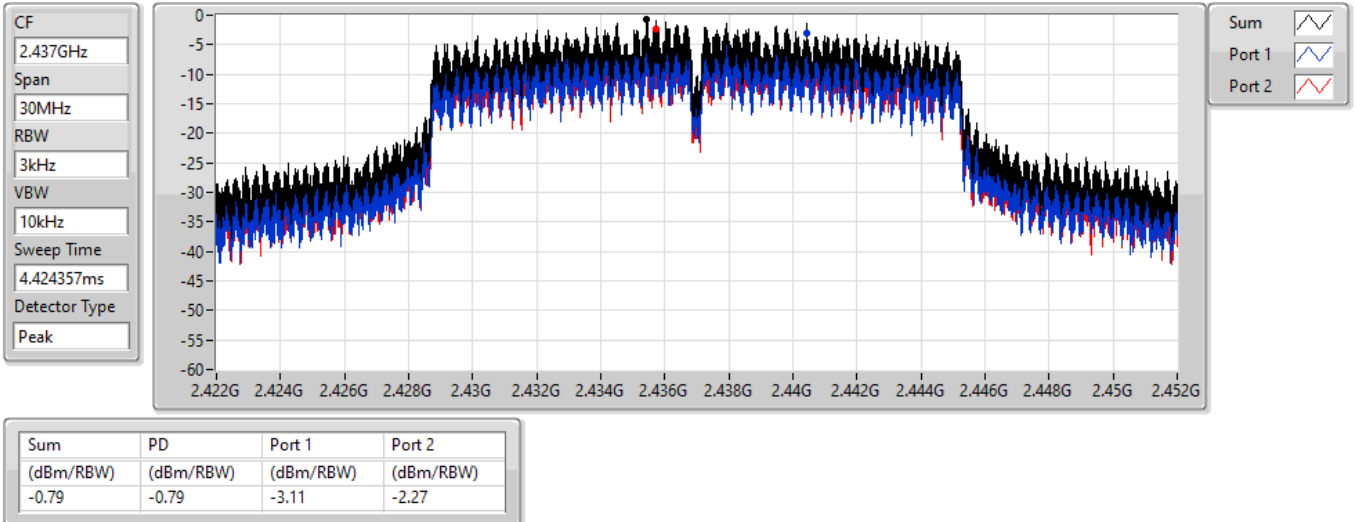


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

28/01/2022

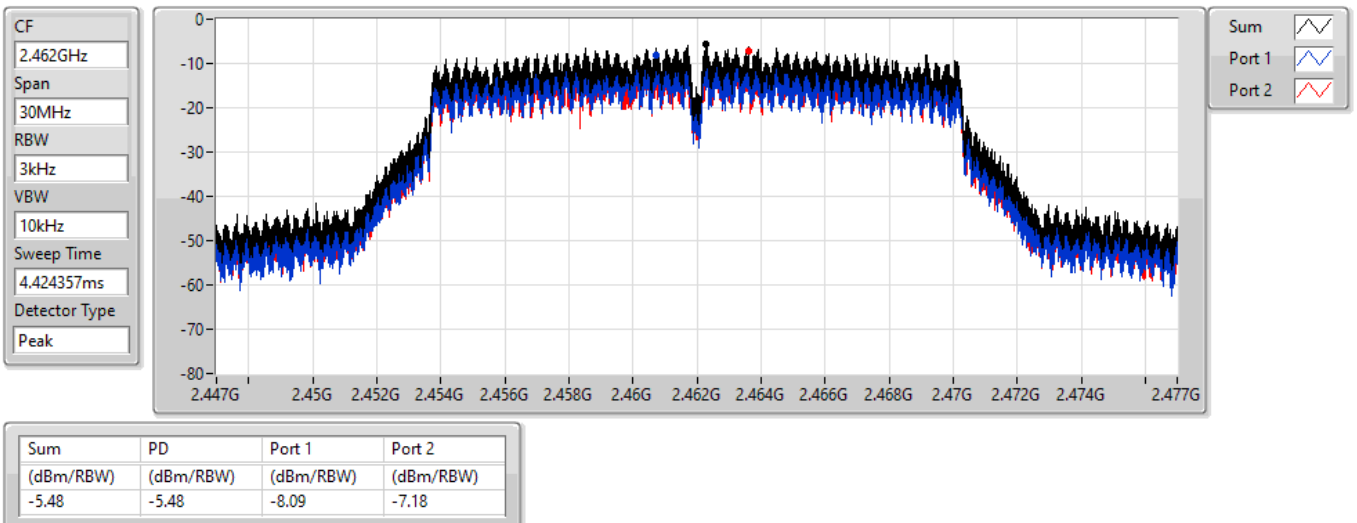


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

28/01/2022

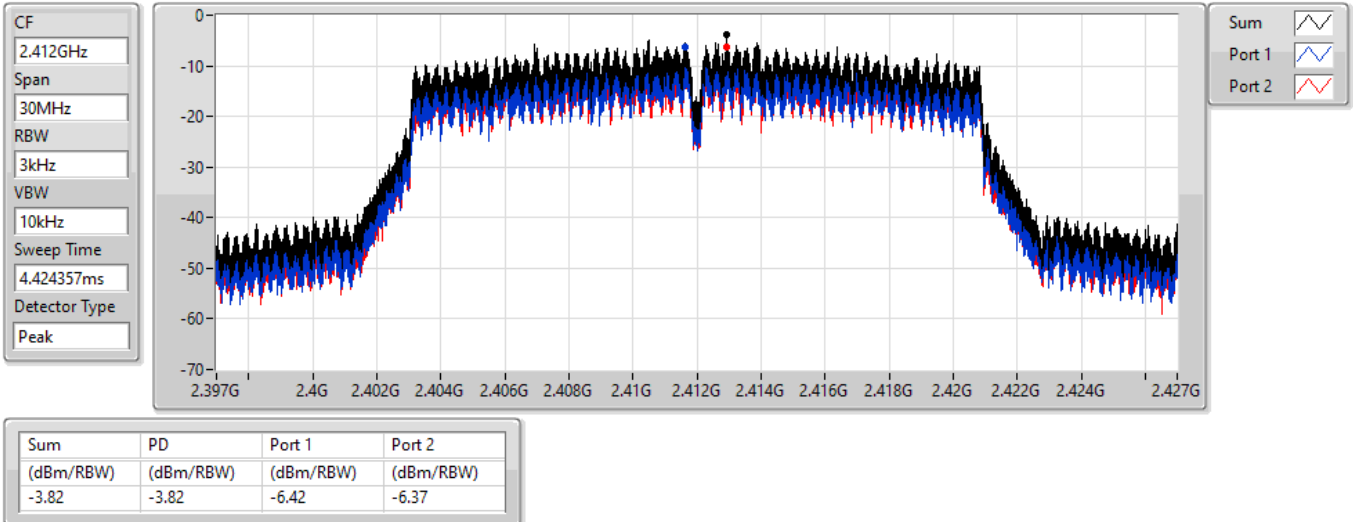


VHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

28/01/2022

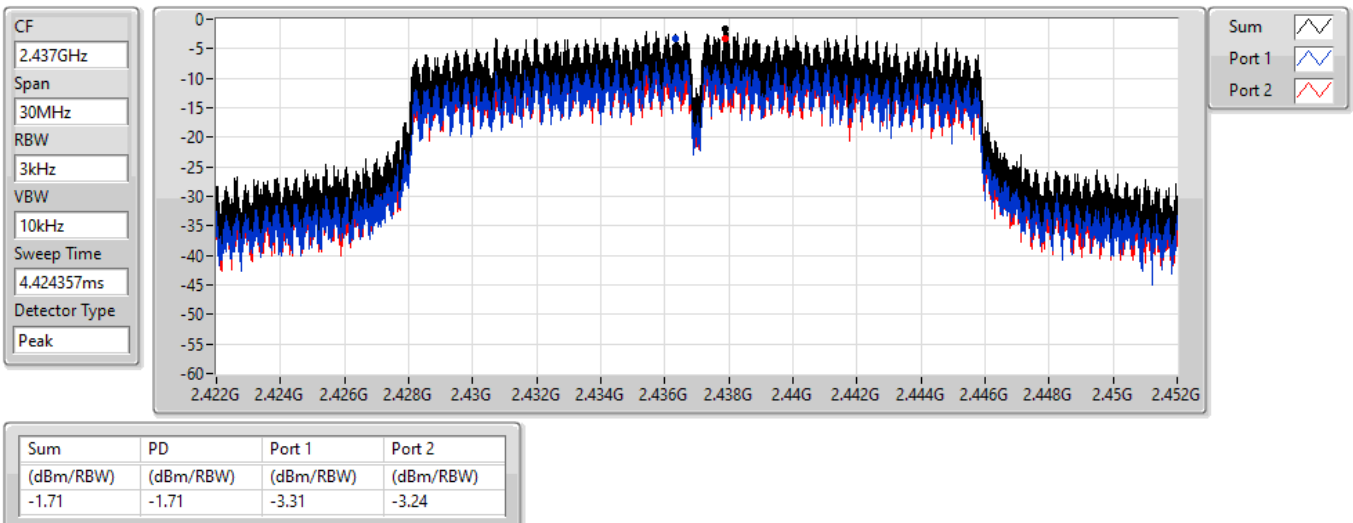


VHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

28/01/2022

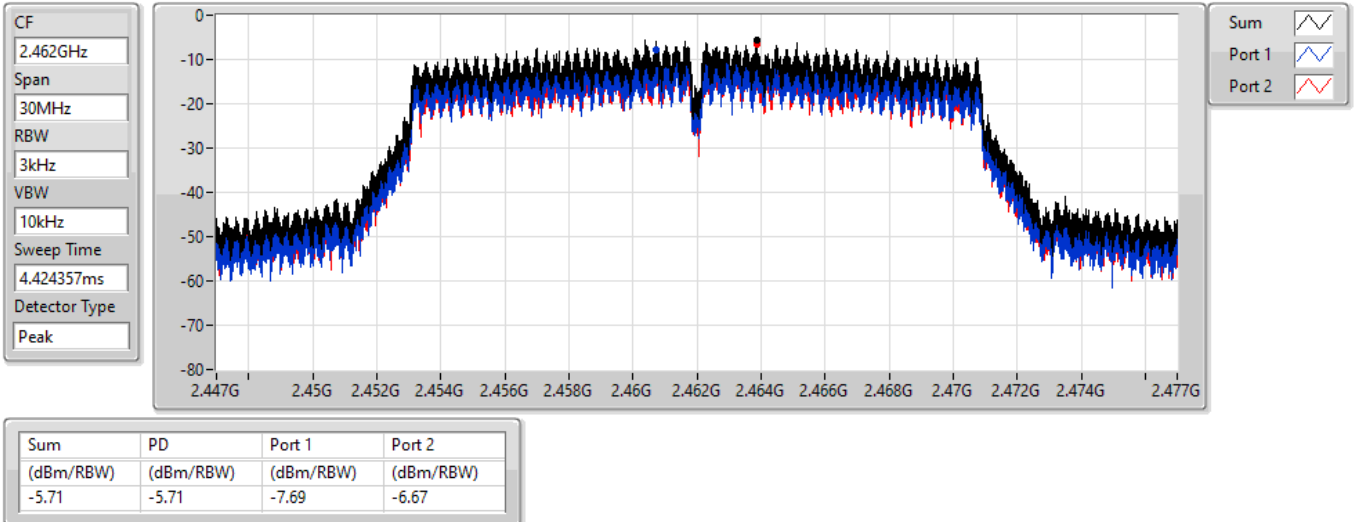


VHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

28/01/2022

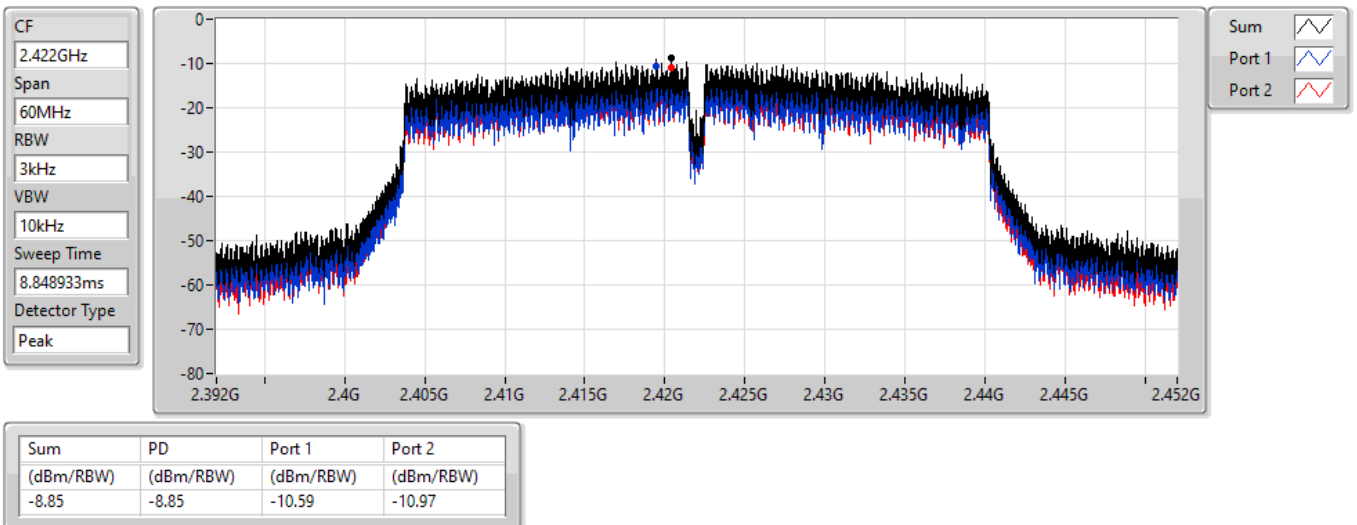


VHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

28/01/2022

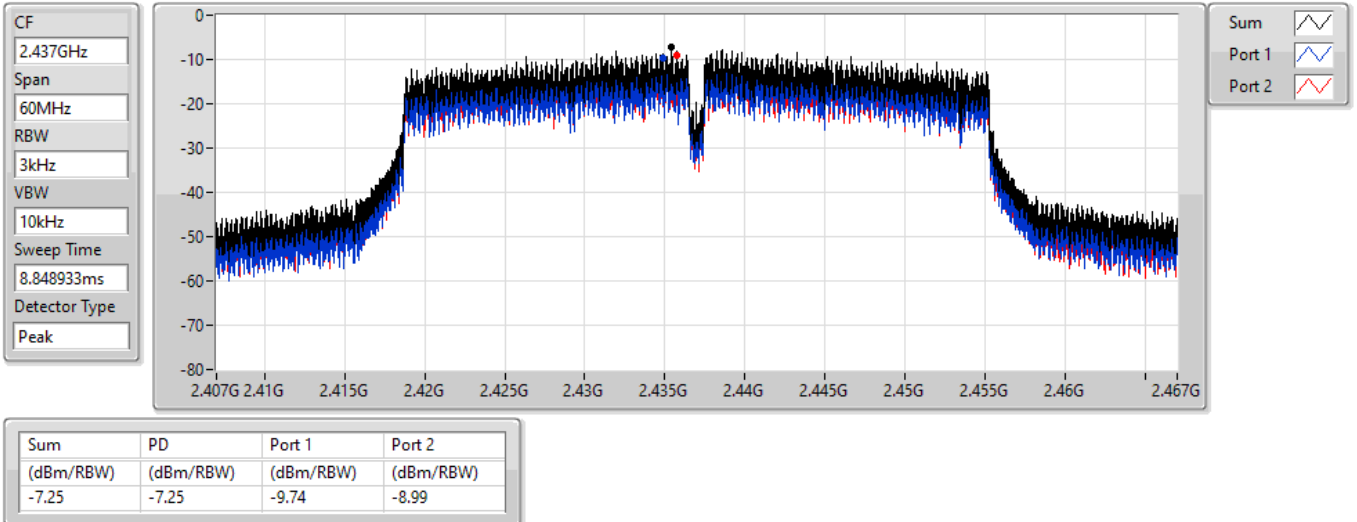


VHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

28/01/2022

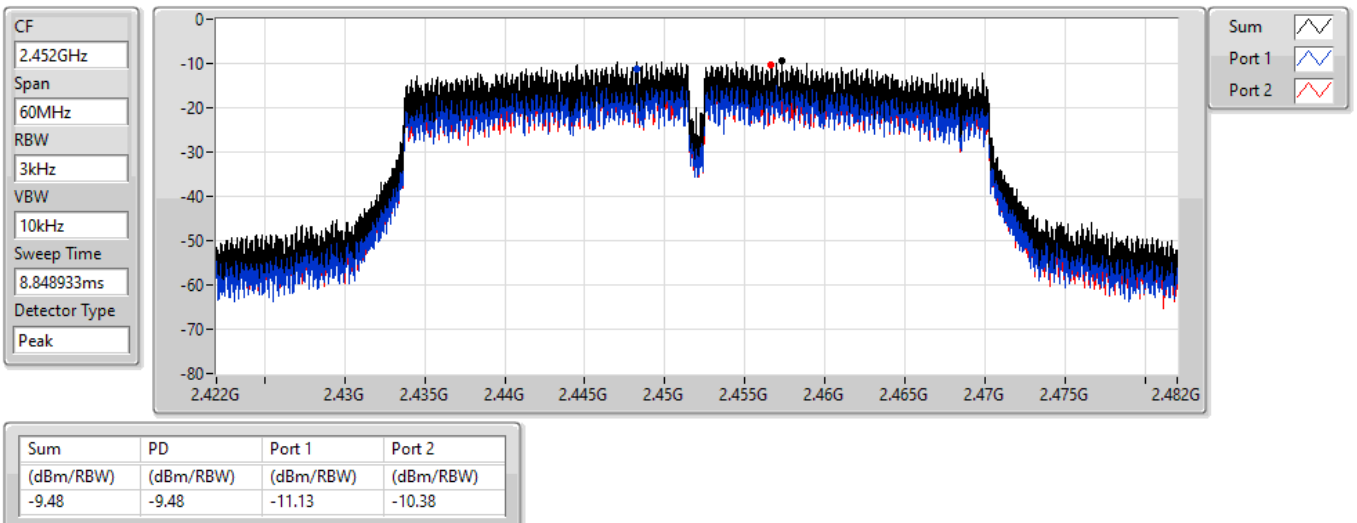


VHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

28/01/2022

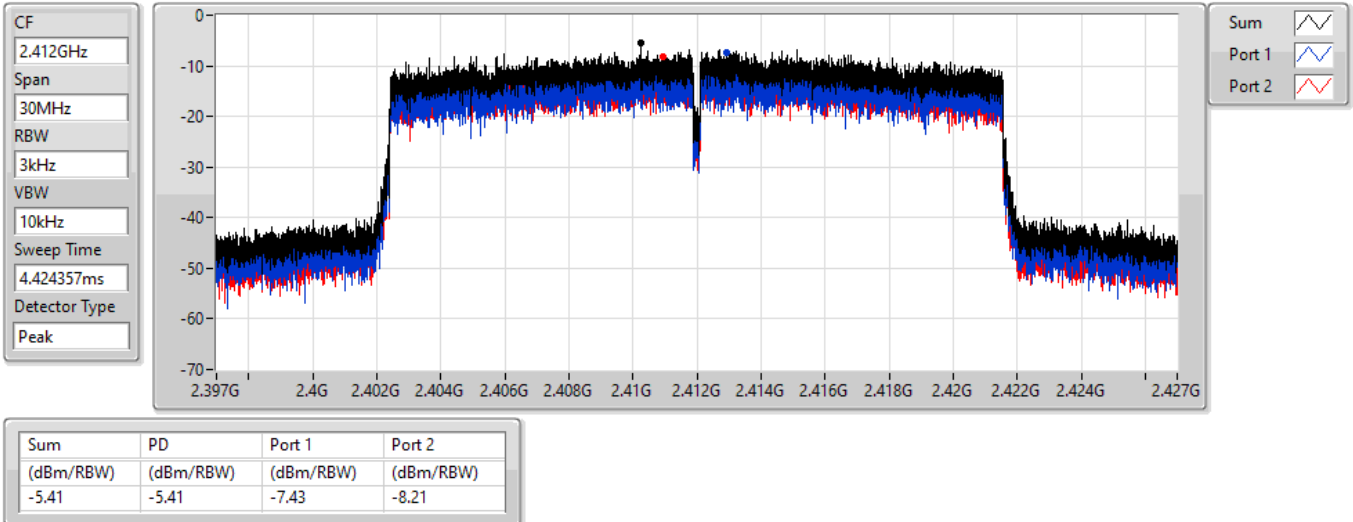


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

28/01/2022

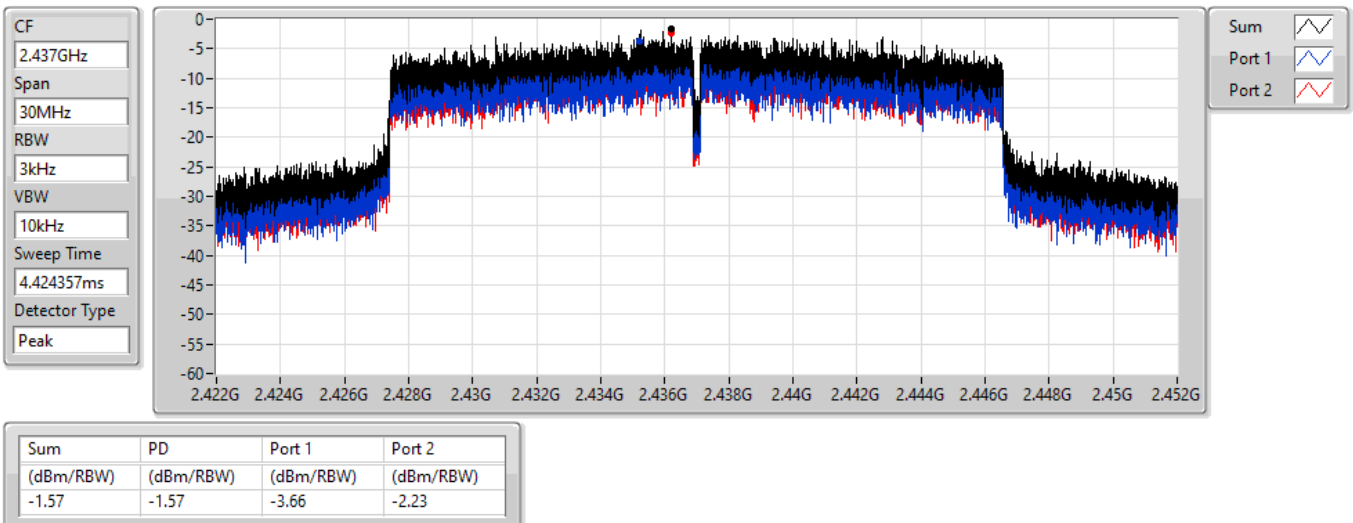


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

28/01/2022

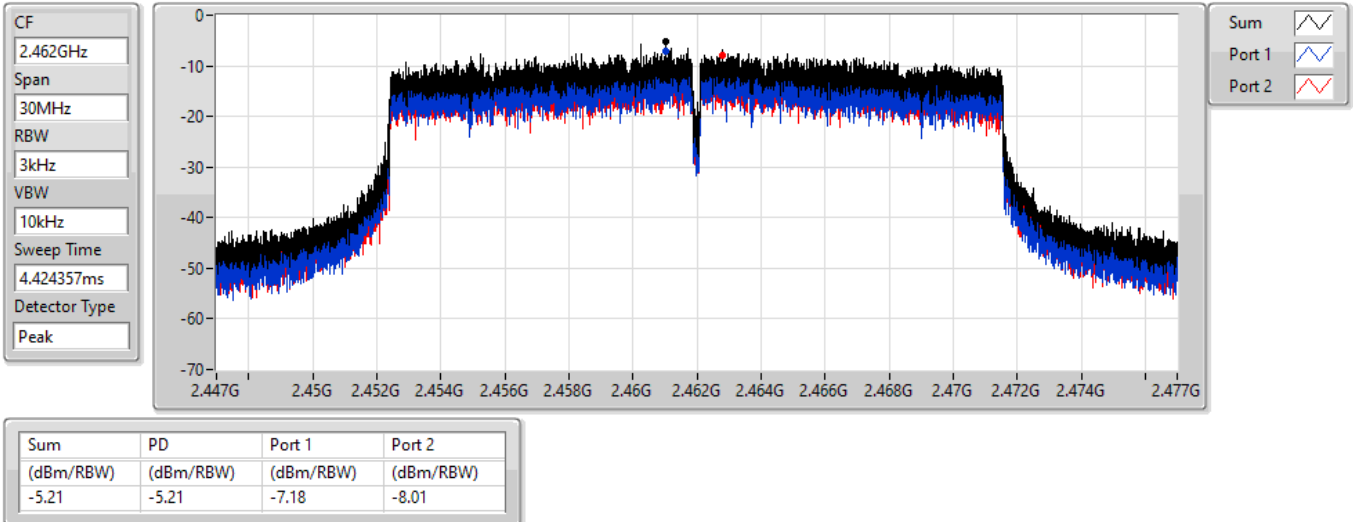


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

28/01/2022

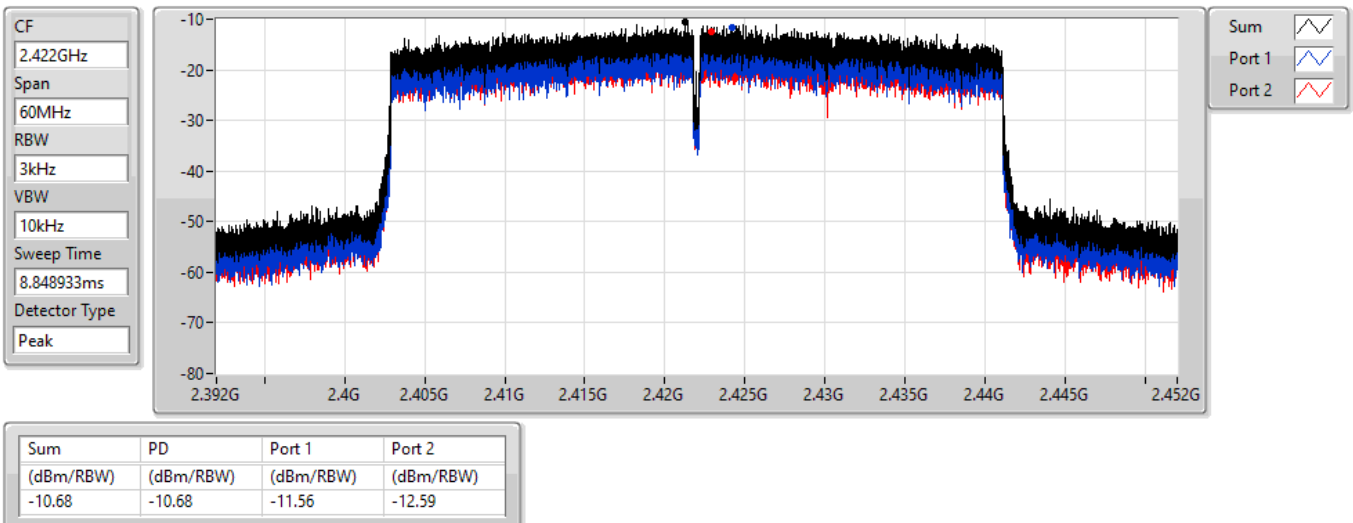


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

28/01/2022

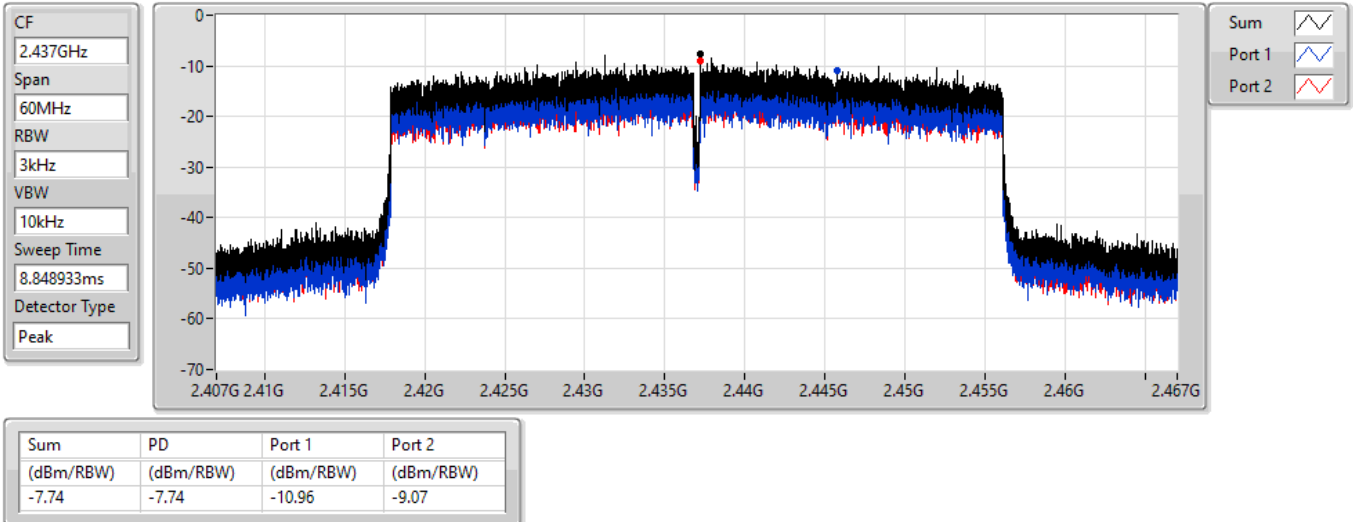


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

28/01/2022

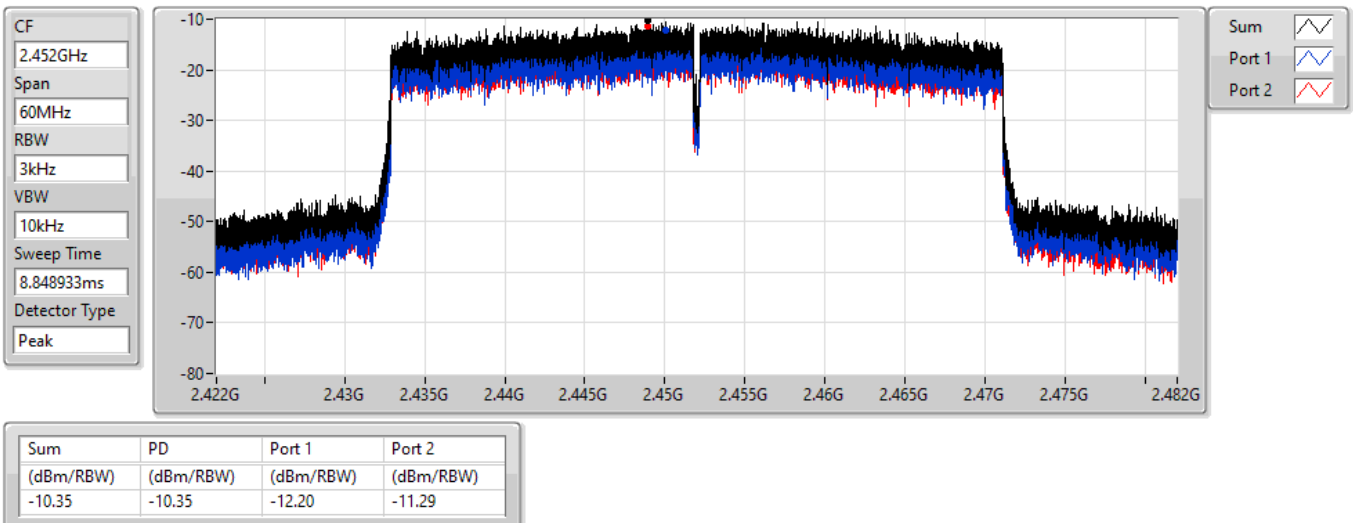


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

28/01/2022



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	2.43799G	14.89	-15.11	159.9M	-33.66	2.3995G	-23.77	2.4G	-32.06	2.49868G	-50.38	16.22293G	-42.98	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	12.24	-17.76	159.9M	-33.06	2.3985G	-24.70	2.4G	-28.64	2.49002G	-50.72	16.23136G	-42.41	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.43574G	11.92	-18.08	159.9M	-33.13	2.3998G	-20.77	2.4G	-29.01	2.48438G	-50.56	16.26226G	-42.76	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.43449G	5.29	-24.71	159.96M	-33.73	2.39752G	-31.21	2.4G	-35.94	2.48442G	-47.23	24.59614G	-43.20	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43574G	12.01	-17.99	159.9M	-34.35	2.39998G	-24.00	2.4G	-26.51	2.48658G	-50.10	16.88879G	-42.75	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43449G	4.97	-25.03	159.96M	-33.19	2.3998G	-29.93	2.4G	-37.00	2.48478G	-38.97	24.66906G	-42.99	2

Result

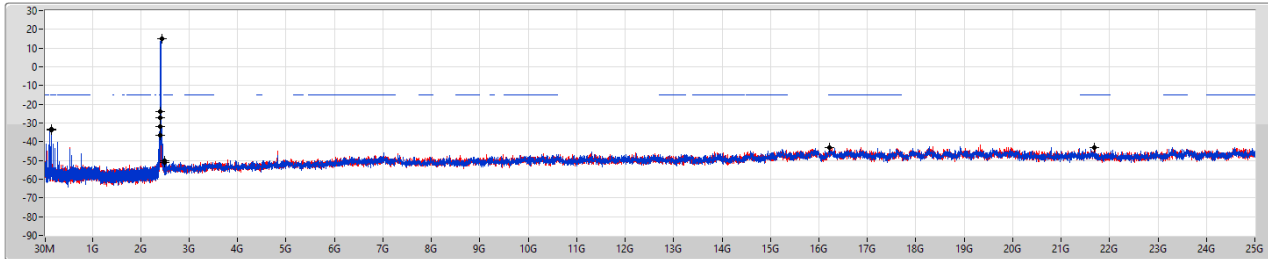
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	14.89	-15.11	159.9M	-33.66	2.3995G	-23.77	2.4G	-32.06	2.49868G	-50.38	16.22293G	-42.98	1
2412MHz	Pass	2.43799G	14.89	-15.11	159.9M	-33.13	2.39948G	-27.28	2.4G	-36.56	2.48524G	-50.89	21.68753G	-42.98	2
2437MHz	Pass	2.43799G	14.89	-15.11	159.9M	-33.79	2.3995G	-34.68	2.4G	-37.22	2.48696G	-40.47	25G	-43.35	1
2437MHz	Pass	2.43799G	14.89	-15.11	159.9M	-33.31	2.3995G	-31.69	2.4G	-34.45	2.48848G	-41.61	23.30864G	-43.06	2
2462MHz	Pass	2.43799G	14.89	-15.11	159.9M	-33.94	2.39402G	-50.69	2.4835G	-44.08	2.48998G	-42.33	23.37326G	-42.92	1
2462MHz	Pass	2.43799G	14.89	-15.11	159.9M	-34.45	2.39878G	-52.05	2.4835G	-42.21	2.48598G	-42.33	24.5308G	-42.34	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.24	-17.76	159.9M	-33.81	2.39888G	-26.80	2.4G	-31.01	2.48596G	-49.95	23.32269G	-42.95	1
2412MHz	Pass	2.43574G	12.24	-17.76	159.9M	-33.06	2.3985G	-24.70	2.4G	-28.64	2.49002G	-50.72	16.23136G	-42.41	2
2437MHz	Pass	2.43574G	12.24	-17.76	159.9M	-32.96	2.3979G	-36.45	2.4G	-42.23	2.48724G	-41.00	23.36203G	-43.49	1
2437MHz	Pass	2.43574G	12.24	-17.76	159.9M	-32.27	2.39602G	-36.29	2.4G	-40.19	2.48448G	-38.33	16.93375G	-43.13	2
2462MHz	Pass	2.43574G	12.24	-17.76	159.9M	-34.69	2.39804G	-51.29	2.4835G	-44.26	2.4842G	-41.86	24.98033G	-43.34	1
2462MHz	Pass	2.43574G	12.24	-17.76	159.9M	-33.73	2.39838G	-50.33	2.4835G	-42.41	2.48386G	-39.83	24.95224G	-42.98	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	11.92	-18.08	159.9M	-32.02	2.39926G	-22.70	2.4G	-28.56	2.52144G	-49.40	24.94381G	-42.87	1
2412MHz	Pass	2.43574G	11.92	-18.08	159.9M	-33.13	2.3998G	-20.77	2.4G	-29.01	2.48438G	-50.56	16.26226G	-42.76	2
2437MHz	Pass	2.43574G	11.92	-18.08	159.9M	-33.26	2.39544G	-38.53	2.4G	-43.51	2.48356G	-42.10	17.65861G	-43.64	1
2437MHz	Pass	2.43574G	11.92	-18.08	159.9M	-34.53	2.3973G	-34.87	2.4G	-40.49	2.48452G	-38.76	15.19463G	-42.23	2
2462MHz	Pass	2.43574G	11.92	-18.08	159.9M	-33.54	2.3912G	-50.20	2.4835G	-42.88	2.48388G	-37.19	17.63052G	-41.73	1
2462MHz	Pass	2.43574G	11.92	-18.08	159.9M	-35.02	2.3966G	-50.76	2.4835G	-40.47	2.48482G	-38.54	24.18242G	-43.32	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	5.29	-24.71	159.96M	-34.38	2.39792G	-31.97	2.4G	-34.95	2.4845G	-46.13	16.24977G	-42.08	1
2422MHz	Pass	2.43449G	5.29	-24.71	159.96M	-33.73	2.39752G	-31.21	2.4G	-35.94	2.48442G	-47.23	24.59614G	-43.20	2
2437MHz	Pass	2.43449G	5.29	-24.71	159.96M	-34.20	2.39952G	-32.80	2.4G	-36.65	2.48478G	-43.62	24.9355G	-42.89	1
2437MHz	Pass	2.43449G	5.29	-24.71	159.96M	-32.99	2.39976G	-34.14	2.4G	-39.40	2.4839G	-42.94	23.34811G	-42.66	2
2452MHz	Pass	2.43449G	5.29	-24.71	159.96M	-33.75	2.3998G	-46.86	2.4835G	-36.48	2.48422G	-32.84	16.83592G	-41.32	1
2452MHz	Pass	2.43449G	5.29	-24.71	159.96M	-32.50	2.39984G	-46.06	2.4835G	-37.40	2.48442G	-34.15	24.97756G	-43.10	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.01	-17.99	159.9M	-34.35	2.39998G	-24.00	2.4G	-26.51	2.48658G	-50.10	16.88879G	-42.75	1
2412MHz	Pass	2.43574G	12.01	-17.99	159.9M	-33.52	2.39946G	-24.55	2.4G	-24.03	2.48916G	-50.76	23.39574G	-43.16	2
2437MHz	Pass	2.43574G	12.01	-17.99	159.9M	-32.94	2.39896G	-33.85	2.4G	-38.93	2.48452G	-40.32	24.95505G	-42.90	1
2437MHz	Pass	2.43574G	12.01	-17.99	159.9M	-34.01	2.39892G	-34.01	2.4G	-39.54	2.484G	-40.72	23.58679G	-43.58	2
2462MHz	Pass	2.43574G	12.01	-17.99	159.9M	-32.99	2.39852G	-49.46	2.4835G	-36.66	2.49048G	-34.49	16.28755G	-42.73	1
2462MHz	Pass	2.43574G	12.01	-17.99	159.9M	-33.58	2.39566G	-48.59	2.4835G	-36.45	2.48384G	-32.95	24.61509G	-43.27	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	4.97	-25.03	159.96M	-33.71	2.39076G	-32.02	2.4G	-34.53	2.48442G	-47.81	16.90323G	-40.47	1
2422MHz	Pass	2.43449G	4.97	-25.03	159.96M	-33.26	2.39828G	-29.95	2.4G	-34.40	2.49198G	-48.94	16.24696G	-43.36	2
2437MHz	Pass	2.43449G	4.97	-25.03	159.96M	-33.19	2.39976G	-30.69	2.4G	-30.82	2.4845G	-40.02	16.58912G	-43.04	1
2437MHz	Pass	2.43449G	4.97	-25.03	159.96M	-33.19	2.3998G	-29.93	2.4G	-37.00	2.48478G	-38.97	24.66906G	-42.99	2
2452MHz	Pass	2.43449G	4.97	-25.03	159.96M	-32.55	2.39948G	-45.12	2.4835G	-37.70	2.48818G	-31.94	24.55968G	-43.61	1
2452MHz	Pass	2.43449G	4.97	-25.03	159.96M	-35.20	2.39572G	-42.94	2.4835G	-37.83	2.4895G	-30.50	17.60156G	-42.17	2

802.11b_Nss1,(1Mbps)_2TX

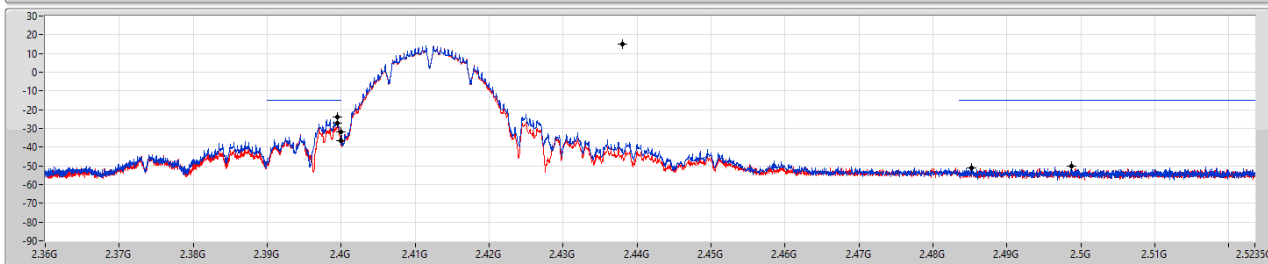
2412MHz

CSENdB

28/01/2022



Port 1
Port 2



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

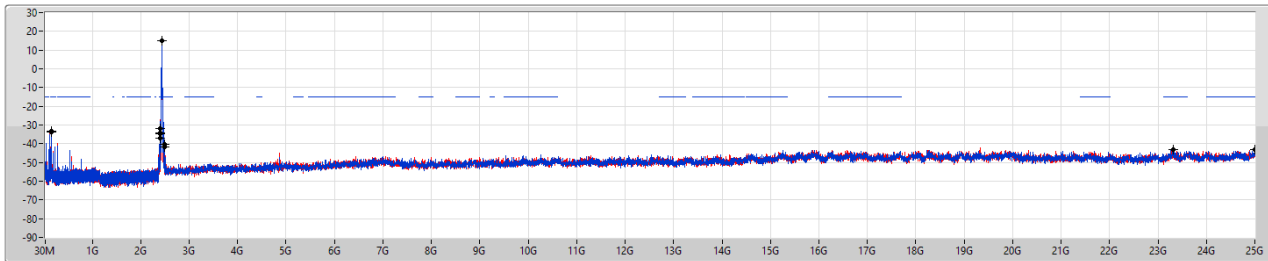
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	14.89	-15.11	159.9M	-33.66	2.3995G	-23.77	2.4G	-32.06	2.4966G	-50.38	16.22293G	-42.98	1
2.43799G	14.89	-15.11	159.9M	-33.13	2.39948G	-27.28	2.4G	-36.56	2.48524G	-50.89	21.68753G	-42.98	2

802.11b_Nss1,(1Mbps)_2TX

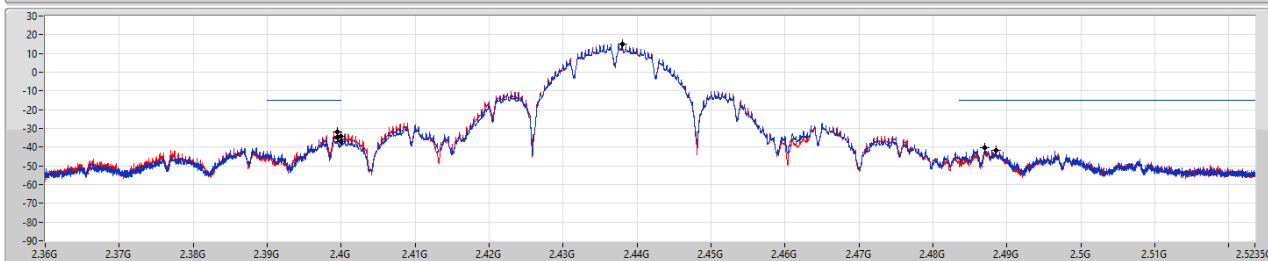
2437MHz

CSENdB

28/01/2022



Port 1
Port 2



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

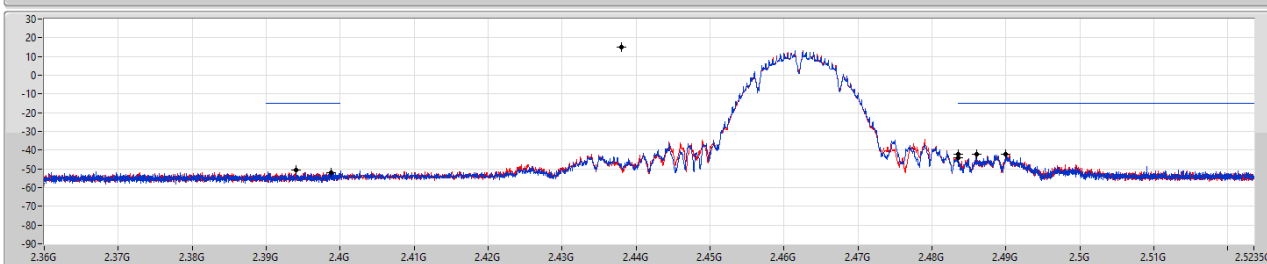
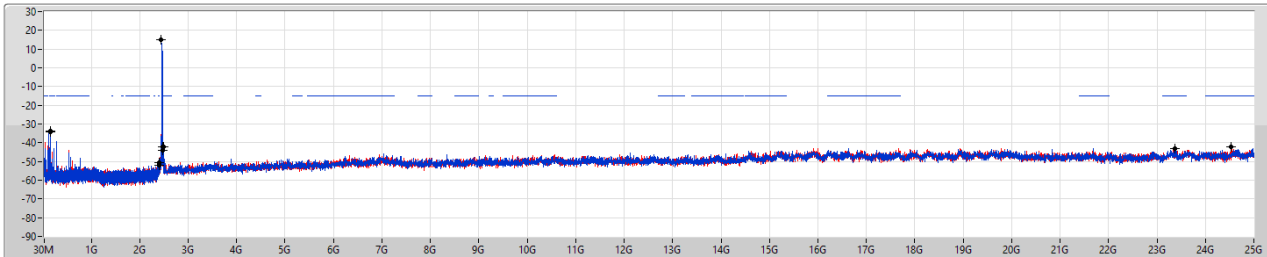
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	14.89	-15.11	159.9M	-33.79	2.3995G	-34.68	2.4G	-37.22	2.48696G	-40.47	25G	-43.35	1
2.43799G	14.89	-15.11	159.9M	-33.31	2.3995G	-31.69	2.4G	-34.45	2.48848G	-41.61	23.30864G	-43.06	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

28/01/2022



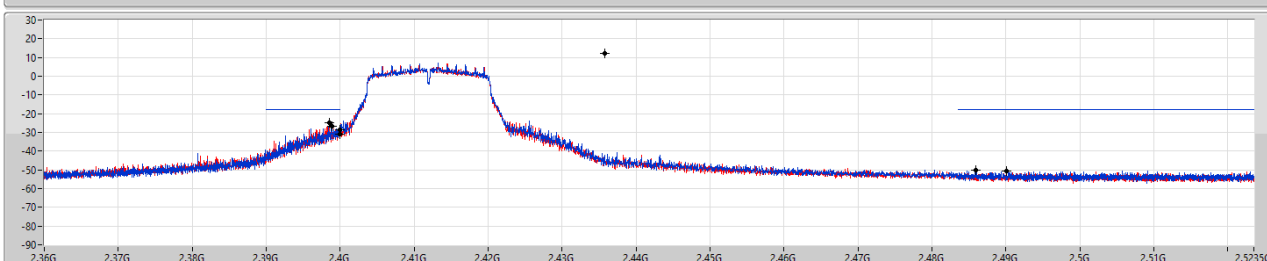
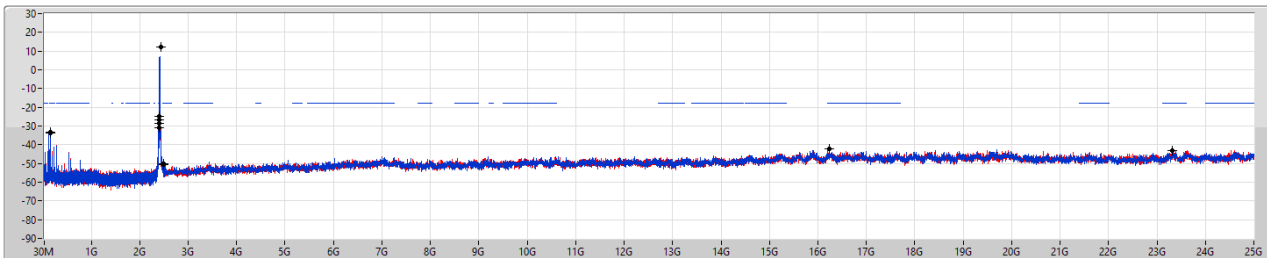
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43799G	14.89	-15.11	159.9M	-33.94	2.39402G	-50.69	2.4835G	-44.08	2.48998G	-42.33	23.37326G	-42.92	1
2.43799G	14.89	-15.11	159.9M	-34.45	2.39878G	-52.05	2.4835G	-42.21	2.48998G	-42.33	24.3308G	-42.34	2

802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

28/01/2022



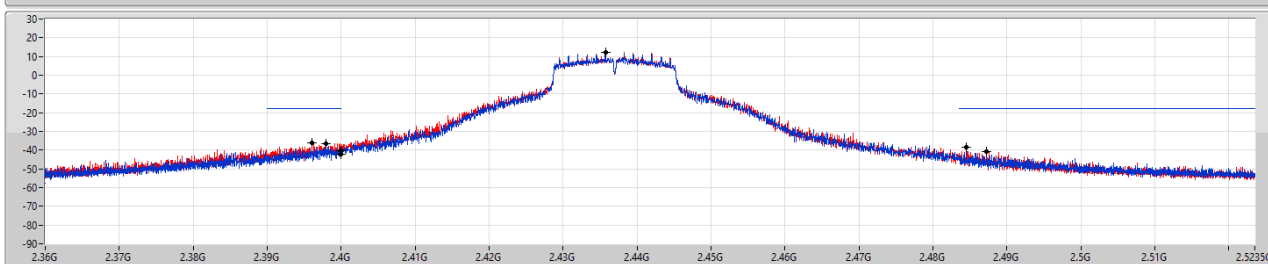
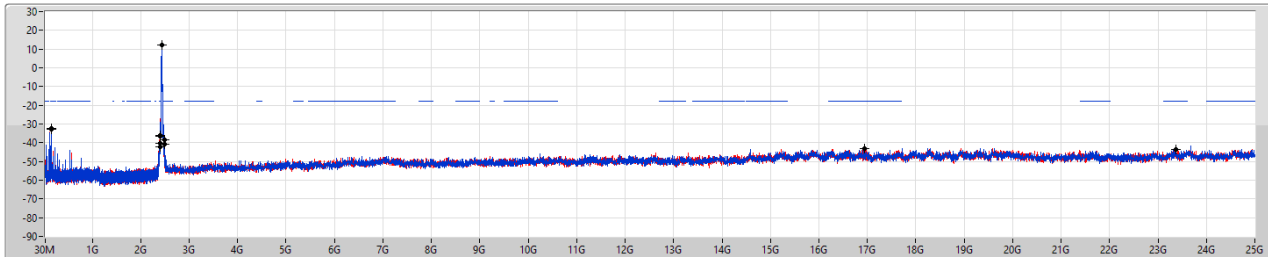
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.24	-17.76	159.9M	-33.81	2.39888G	-26.80	2.4G	-31.01	2.48596G	-49.95	23.32269G	-42.95	1
2.43574G	12.24	-17.76	159.9M	-33.06	2.3985G	-24.70	2.4G	-28.64	2.49002G	-50.72	16.23136G	-42.41	2

802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSEndB

28/01/2022



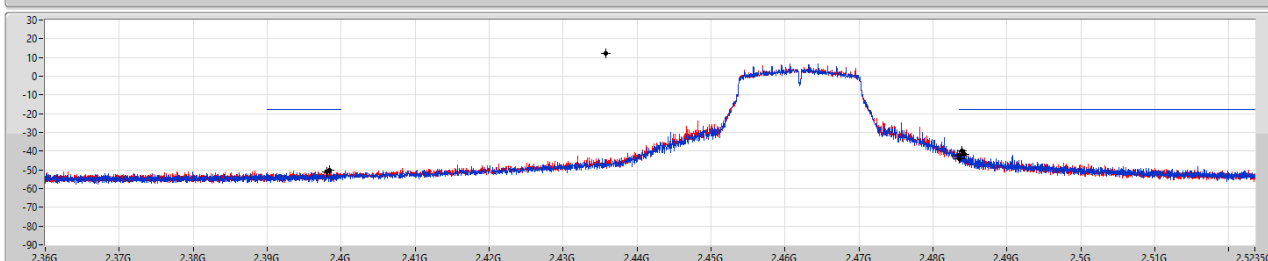
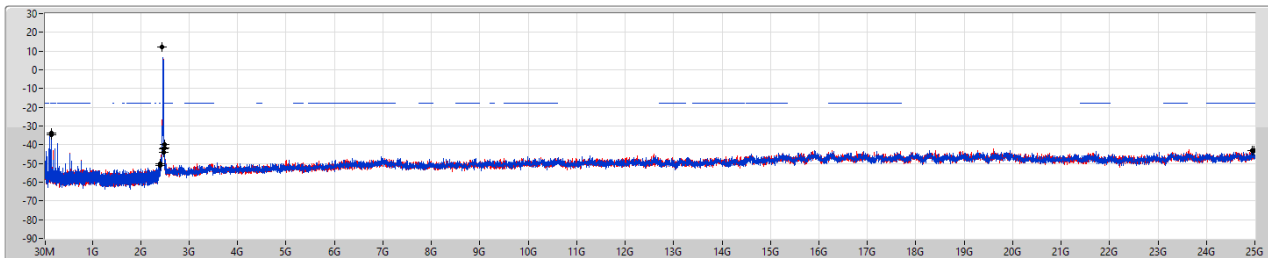
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.24	-17.76	159.9M	-32.96	2.3979G	-36.45	2.4G	-42.23	2.48724G	-41.00	23.36203G	-43.49	1
2.43574G	12.24	-17.76	159.9M	-32.27	2.39602G	-36.29	2.4G	-40.19	2.48448G	-38.33	16.93375G	-43.13	2

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSEndB

28/01/2022



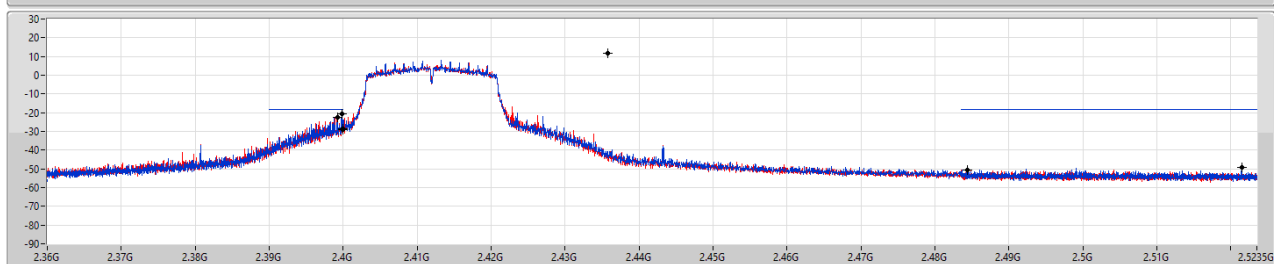
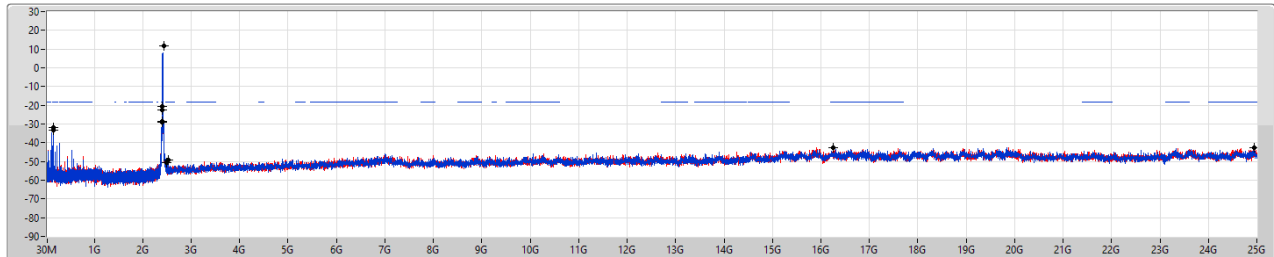
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.24	-17.76	159.9M	-34.69	2.39804G	-51.29	2.4835G	-44.26	2.4842G	-41.86	24.98033G	-43.34	1
2.43574G	12.24	-17.76	159.9M	-33.73	2.39838G	-50.33	2.4835G	-42.41	2.48386G	-39.83	24.95224G	-42.98	2

VHT20_Nss1,(MCS0)_2TX

CSENdB

2412MHz

28/01/2022



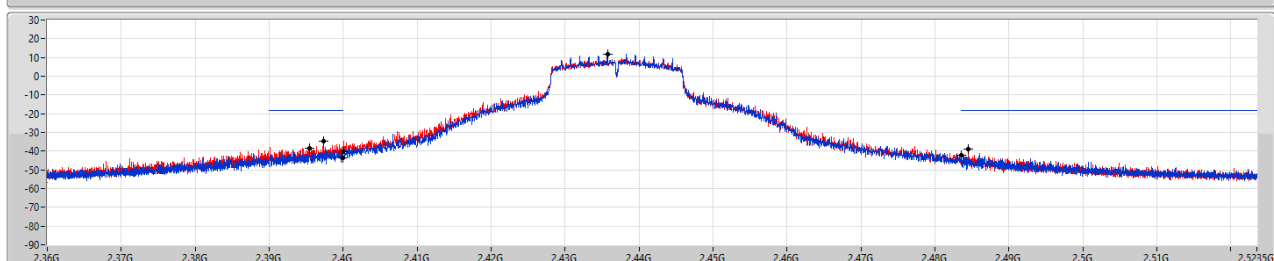
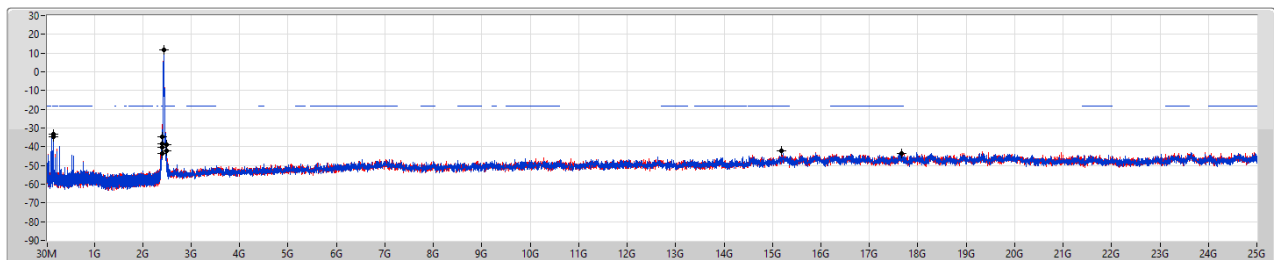
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	11.92	-18.08	159.9M	-32.02	2.39926G	-22.70	2.4G	-28.56	2.52144G	-49.40	24.94381G	-42.87	1
2.43574G	11.92	-18.08	159.9M	-33.13	2.3998G	-20.77	2.4G	-29.01	2.48438G	-50.56	16.26226G	-42.76	2

VHT20_Nss1,(MCS0)_2TX

CSENdB

2437MHz

28/01/2022



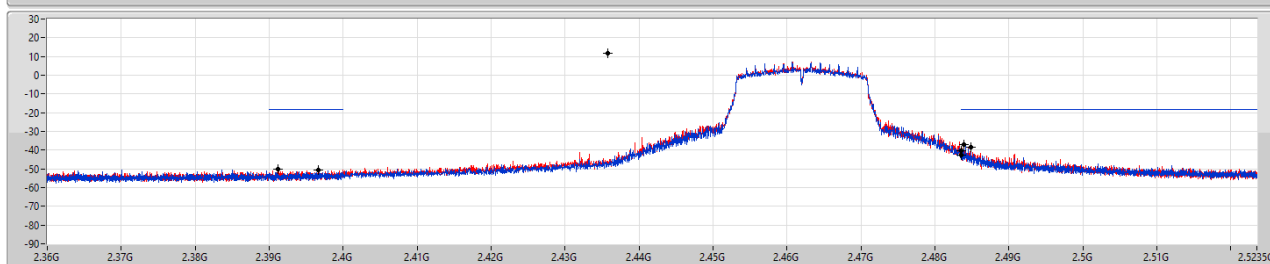
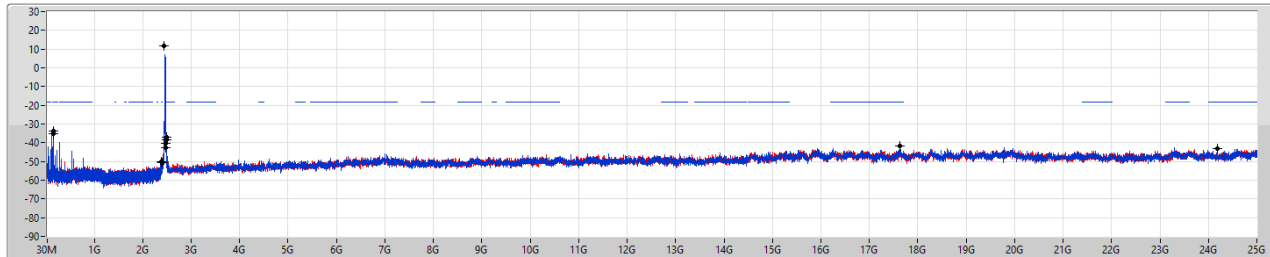
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	11.92	-18.08	159.9M	-33.26	2.39544G	-38.53	2.4G	-43.51	2.48356G	-42.10	17.65861G	-43.64	1
2.43574G	11.92	-18.08	159.9M	-34.53	2.3973G	-34.87	2.4G	-40.49	2.48452G	-38.76	15.19463G	-42.23	2

VHT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

28/01/2022



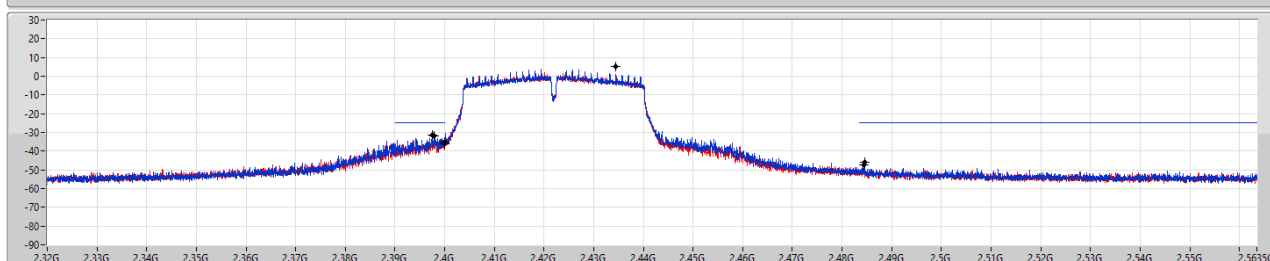
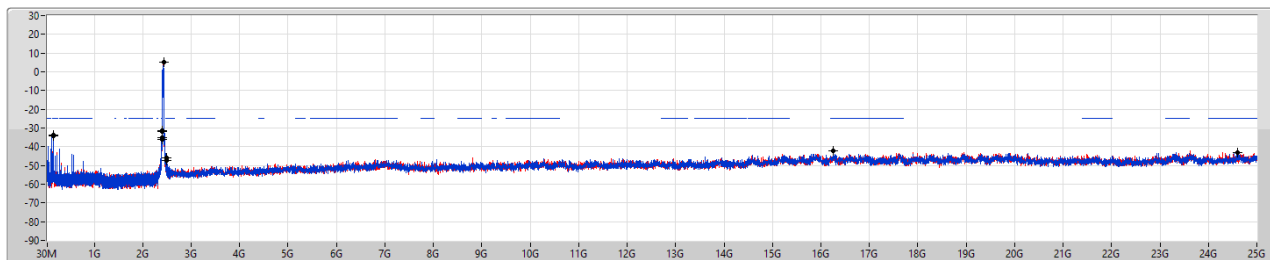
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	11.92	-18.08	159.9M	-33.54	2.3912G	-50.20	2.4835G	-42.88	2.48388G	-37.19	17.63052G	-41.73	1
2.43574G	11.92	-18.08	159.9M	-35.02	2.3966G	-50.76	2.4835G	-40.47	2.48482G	-38.54	24.18242G	-43.32	2

VHT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

28/01/2022



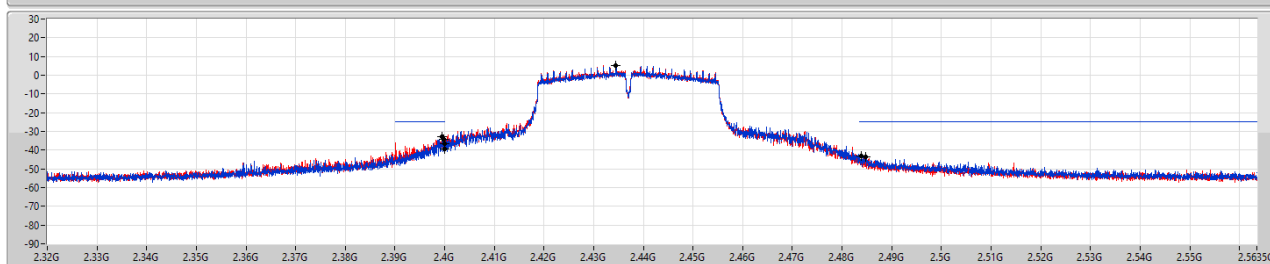
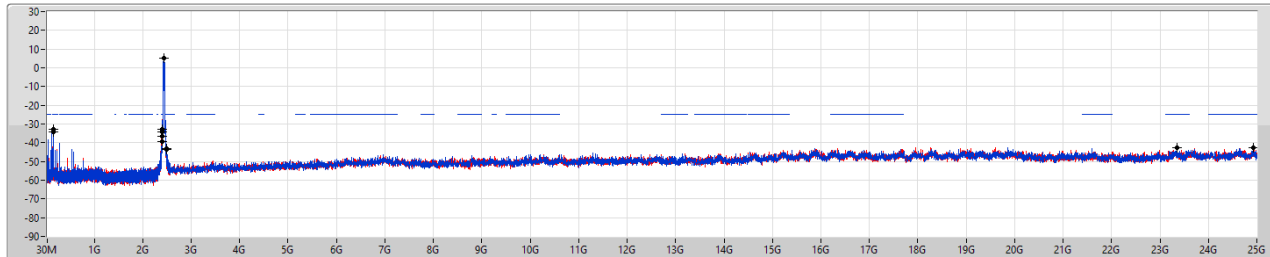
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.29	-24.71	159.96M	-34.38	2.39792G	-31.97	2.4G	-34.95	2.4845G	-46.13	16.24977G	-42.08	1
2.43449G	5.29	-24.71	159.96M	-33.73	2.39752G	-31.21	2.4G	-35.94	2.48442G	-47.23	24.39614G	-43.20	2

VHT40_Nss1,(MCS0)_2TX

CSENdB

2437MHz

28/01/2022



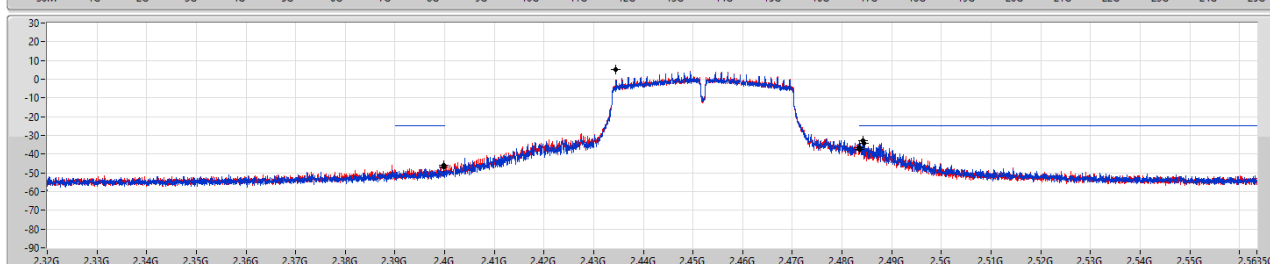
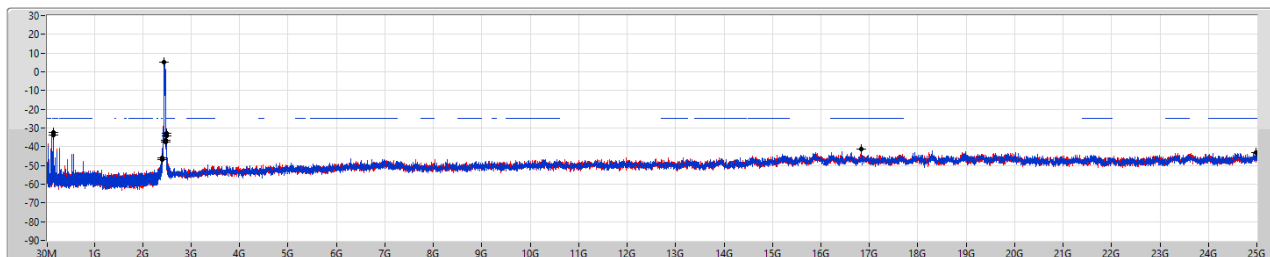
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.29	-24.71	159.96M	-34.20	2.39952G	-32.80	2.4G	-36.65	2.48478G	-43.62	24.9355G	-42.89	1
2.43449G	5.29	-24.71	159.96M	-32.99	2.39976G	-34.14	2.4G	-39.40	2.4839G	-42.94	23.34811G	-42.66	2

VHT40_Nss1,(MCS0)_2TX

CSENdB

2452MHz

28/01/2022

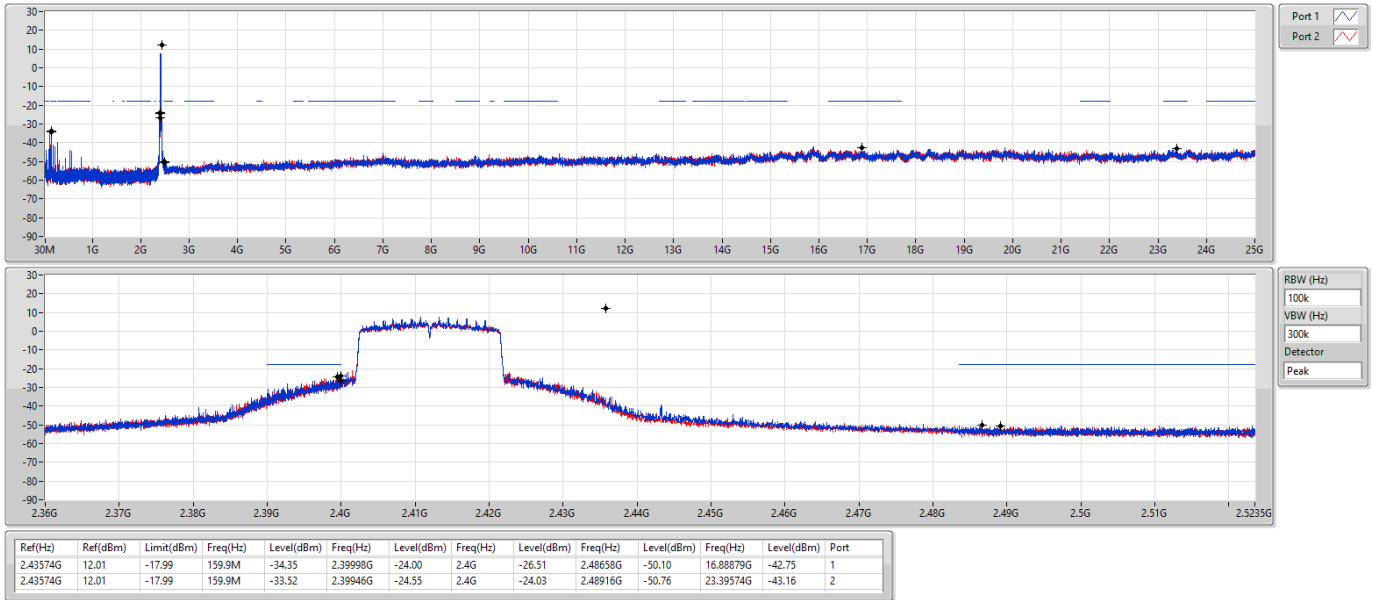


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	5.29	-24.71	159.96M	-33.75	2.39980G	-46.86	2.4835G	-36.48	2.48422G	-32.84	16.93592G	-41.32	1
2.43449G	5.29	-24.71	159.96M	-32.50	2.39984G	-46.06	2.4835G	-37.40	2.48442G	-34.15	24.97756G	-43.10	2

802.11ax HEW20_Nss1,(MCS0)_2TX

CSENdB

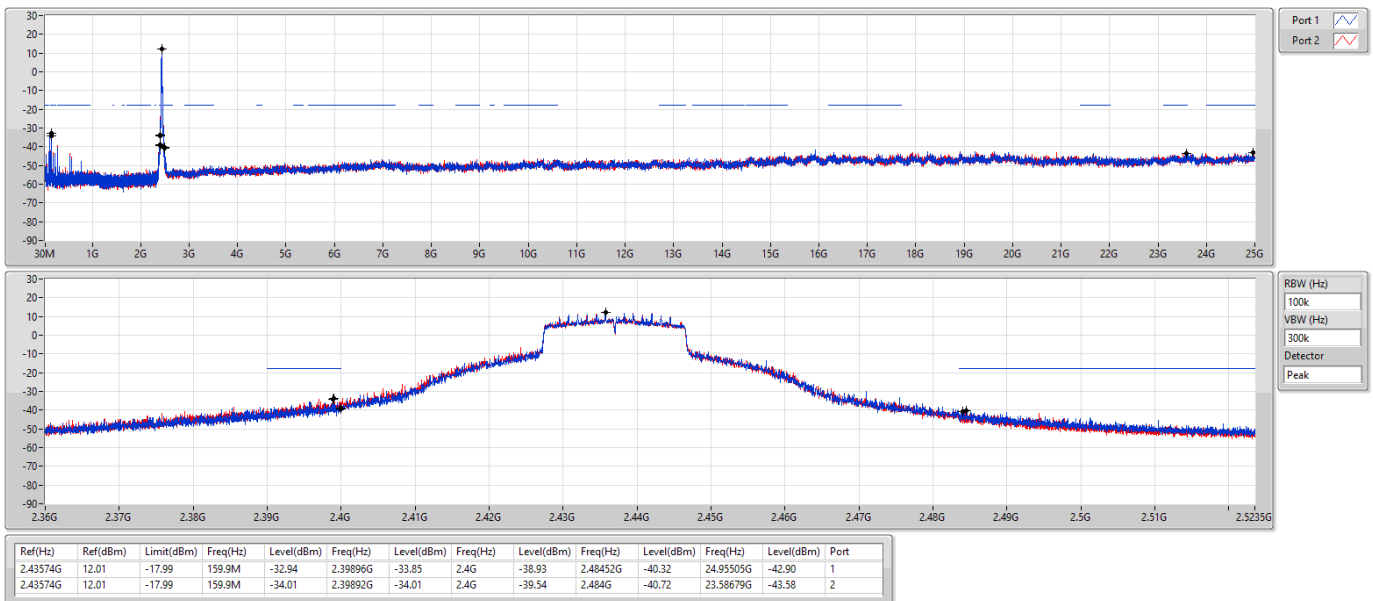
2412MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

CSENdB

2437MHz

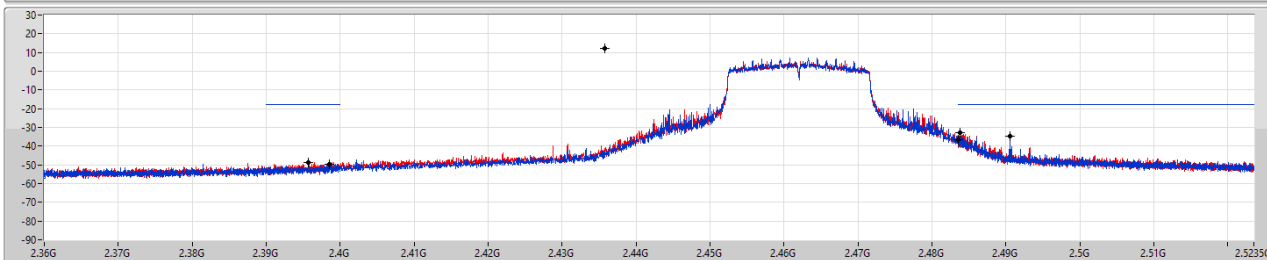
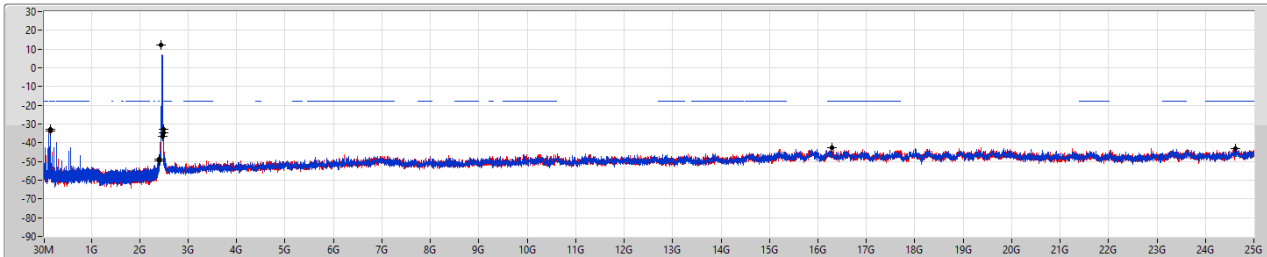


802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

28/01/2022



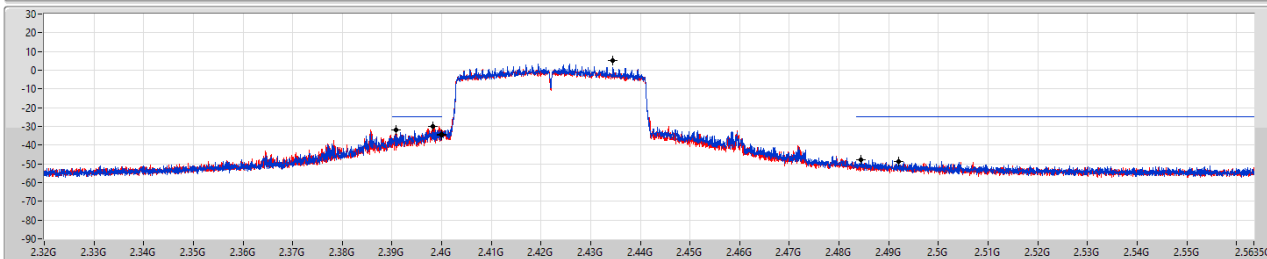
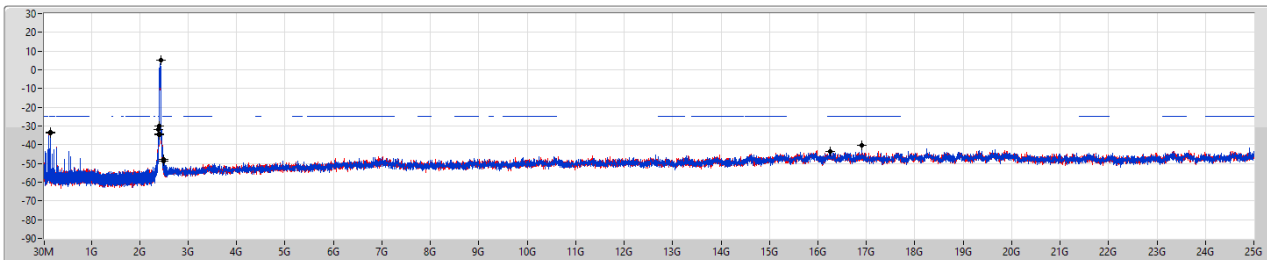
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	12.01	-17.99	159.9M	-32.99	2.39852G	-49.46	2.4835G	-36.66	2.49048G	-34.49	16.28755G	-42.73	1
2.43574G	12.01	-17.99	159.9M	-33.58	2.39566G	-48.59	2.4835G	-36.45	2.48384G	-32.95	24.61509G	-43.27	2

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

28/01/2022



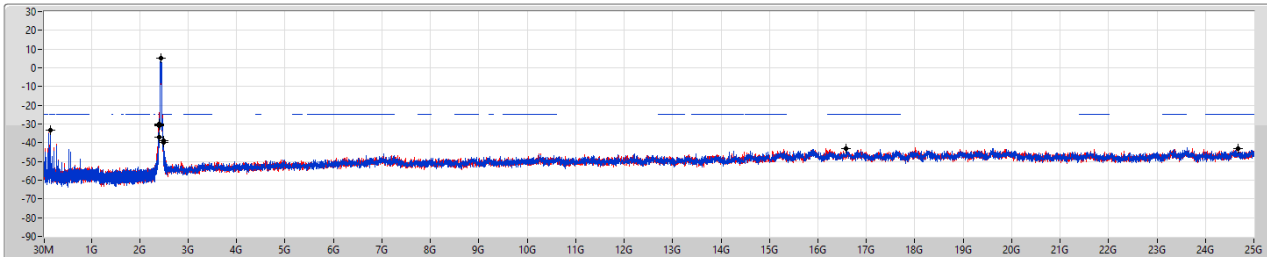
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.97	-25.03	159.96M	-33.71	2.39076G	-32.02	2.4G	-34.53	2.48442G	-47.81	16.90323G	-40.47	1
2.43449G	4.97	-25.03	159.96M	-33.26	2.39828G	-29.95	2.4G	-34.40	2.49198G	-48.94	16.24696G	-43.36	2

802.11ax HEW40_Nss1,(MCS0)_2TX

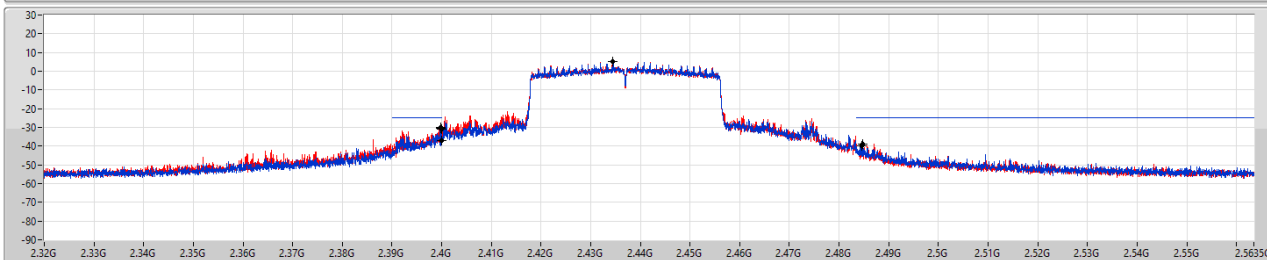
CSEndB

2437MHz

28/01/2022



Port 1
Port 2



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

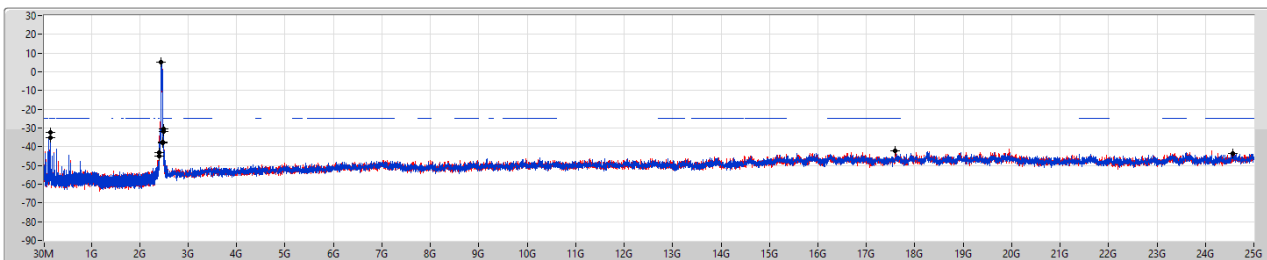
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.97	-25.03	159.96M	-33.19	2.39976G	-30.69	2.4G	-30.82	2.4845G	-40.02	16.58912G	-43.04	1
2.43449G	4.97	-25.03	159.96M	-33.19	2.3998G	-29.93	2.4G	-37.00	2.48478G	-38.97	24.66906G	-42.99	2

802.11ax HEW40_Nss1,(MCS0)_2TX

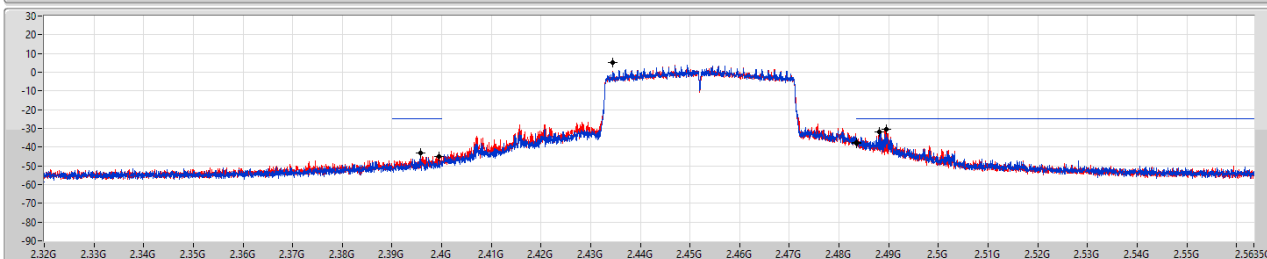
CSEndB

2452MHz

28/01/2022



Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.97	-25.03	159.96M	-32.55	2.39949G	-45.12	2.4835G	-37.70	2.48018G	-31.94	24.55968G	-43.61	1
2.43449G	4.97	-25.03	159.96M	-35.20	2.39572G	-42.94	2.4835G	-37.83	2.4895G	-30.50	17.60156G	-42.17	2



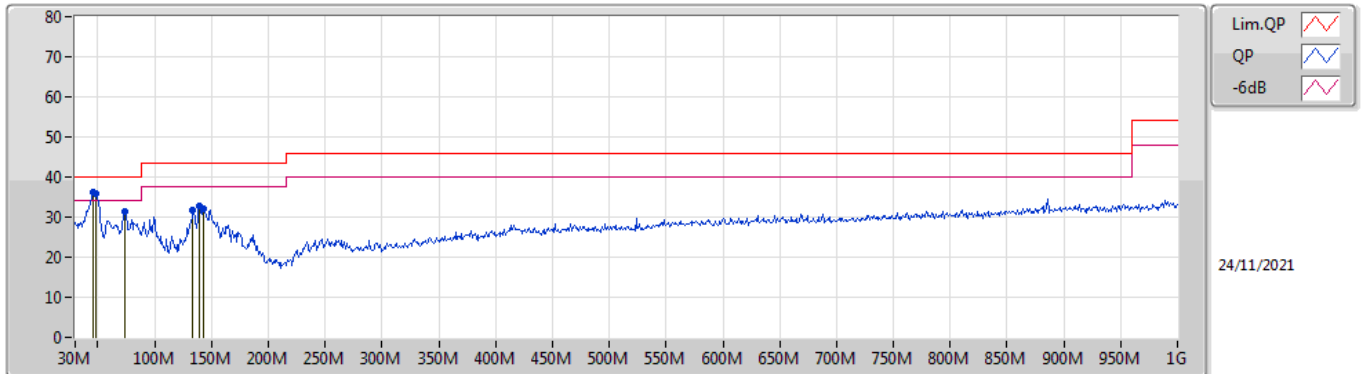
Radiated Emissions below 1GHz

Appendix F.1

Summary

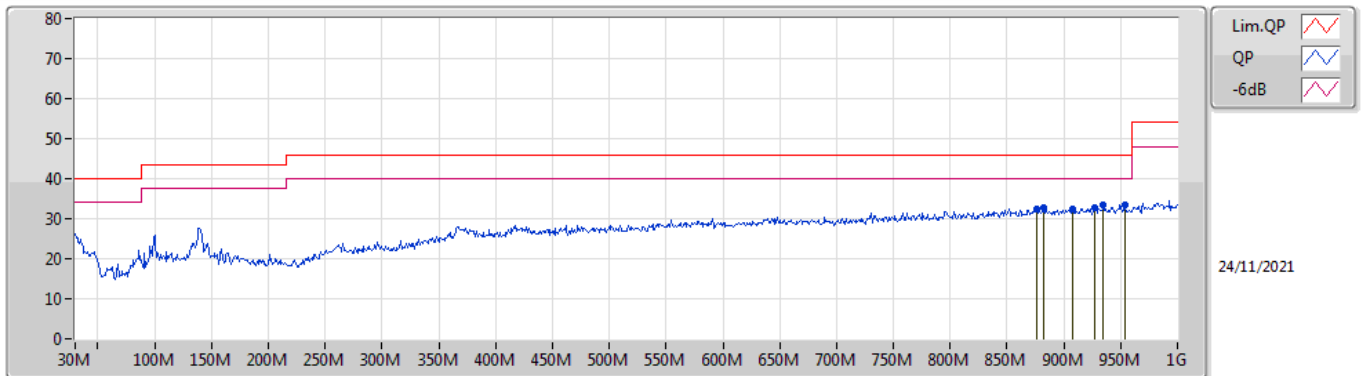
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	45.52M	36.32	40.00	-3.68	Vertical

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	45.52M	36.32	40.00	-3.68	-14.81	3	Vertical	57	1.00	"Worst"	51.13	15.91	1.00	31.72
PK	48.43M	35.93	40.00	-4.07	-16.22	3	Vertical	38	1.00	-	52.15	14.53	1.00	31.75
PK	73.65M	31.28	40.00	-8.72	-18.40	3	Vertical	245	1.25	-	49.68	12.20	1.30	31.90
PK	133.79M	31.81	43.50	-11.69	-12.79	3	Vertical	148	1.00	-	44.60	17.42	1.74	31.95
PK	139.61M	32.75	43.50	-10.75	-13.25	3	Vertical	286	1.00	-	46.00	16.91	1.80	31.96
PK	143.49M	32.21	43.50	-11.29	-13.50	3	Vertical	148	1.00	-	45.71	16.64	1.82	31.96

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	875.84M	32.45	46.00	-13.55	-1.68	3	Horizontal	360	1.25	-	34.13	26.10	4.86	32.64
PK	882.63M	32.69	46.00	-13.31	-1.59	3	Horizontal	188	1.50	-	34.28	26.16	4.90	32.65
PK	907.85M	32.58	46.00	-13.42	-1.46	3	Horizontal	29	1.00	-	34.04	26.19	5.00	32.65
PK	927.25M	32.59	46.00	-13.41	-1.42	3	Horizontal	252	1.00	-	34.01	26.19	5.00	32.61
PK	935.01M	33.41	46.00	-12.59	-1.33	3	Horizontal	356	2.00	"Worst"	34.74	26.27	5.00	32.60
PK	953.44M	33.37	46.00	-12.63	-1.04	3	Horizontal	220	1.50	-	34.41	26.52	5.01	32.57

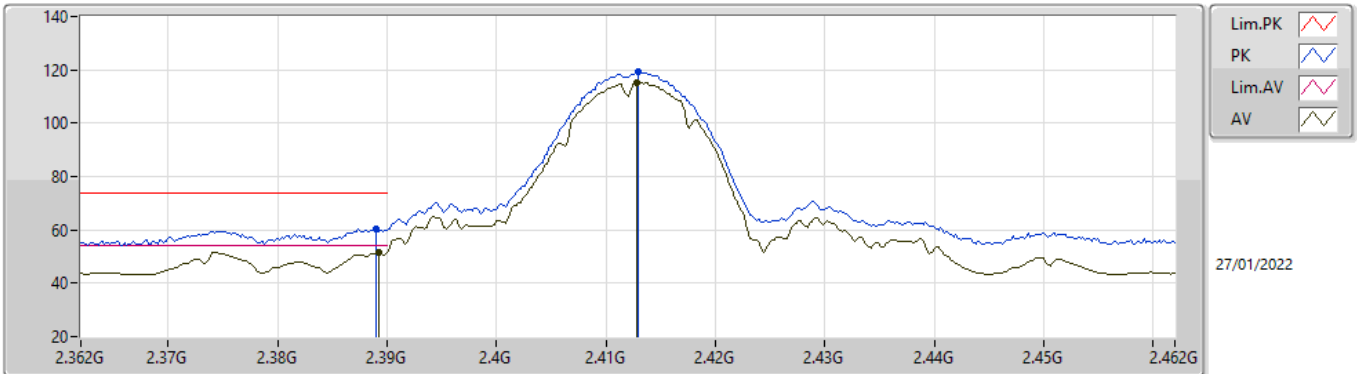


Summary

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	2.4838G	53.94	54.00	-0.06	3	Horizontal	41	1.27	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

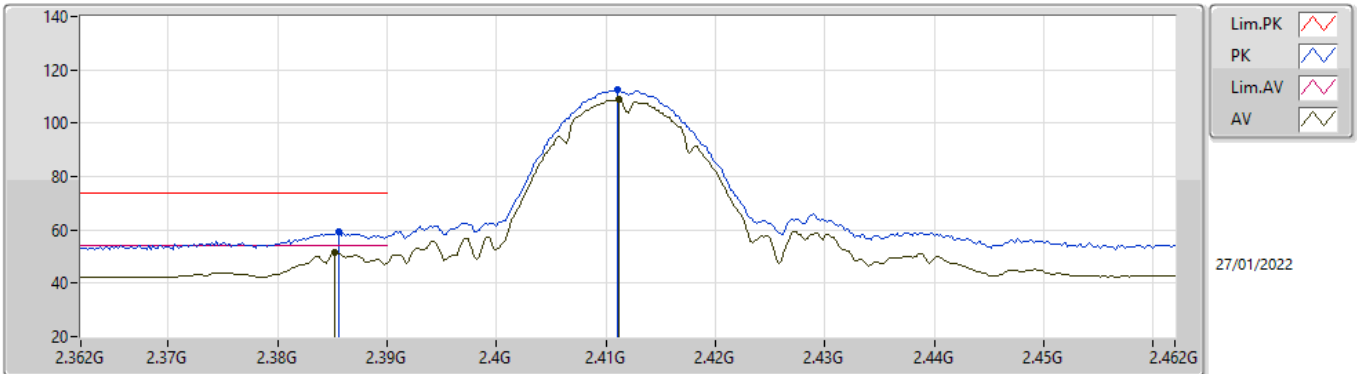


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	60.40	74.00	-13.60	30.13	3	Vertical	224	1.04	-	27.48	2.79	-
AV	2.3892G	51.79	54.00	-2.21	21.52	3	Vertical	224	1.04	-	27.48	2.79	-
PK	2.413G	119.37	Inf	-Inf	89.03	3	Vertical	224	1.04	-	27.53	2.81	-
AV	2.4128G	115.29	Inf	-Inf	84.95	3	Vertical	224	1.04	-	27.53	2.81	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

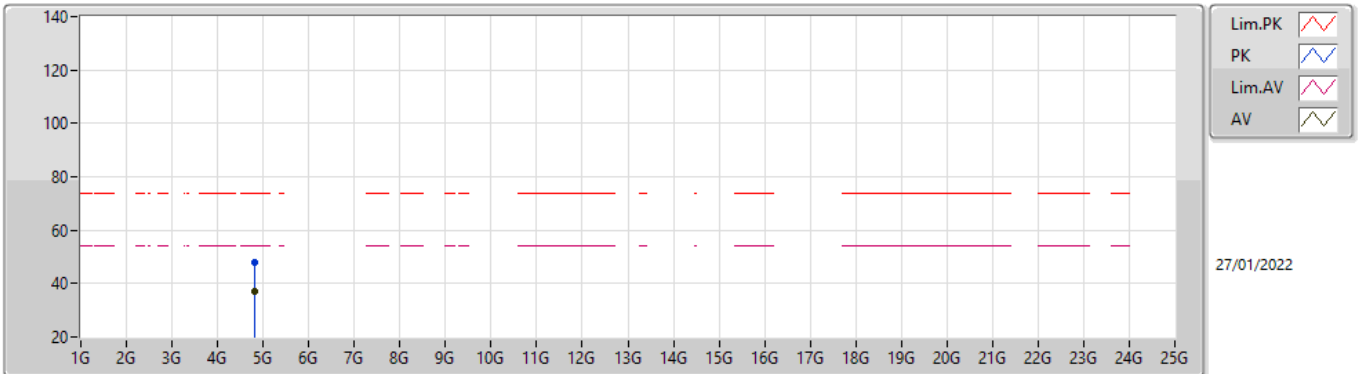


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.3856G	59.34	74.00	-14.66	29.08	3	Horizontal	27	1.00	-	27.47	2.79	-	
AV	2.3852G	51.53	54.00	-2.47	21.27	3	Horizontal	27	1.00	-	27.47	2.79	-	
PK	2.411G	112.73	Inf	-Inf	82.40	3	Horizontal	27	1.00	-	27.52	2.81	-	
AV	2.4112G	108.87	Inf	-Inf	78.54	3	Horizontal	27	1.00	-	27.52	2.81	-	

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

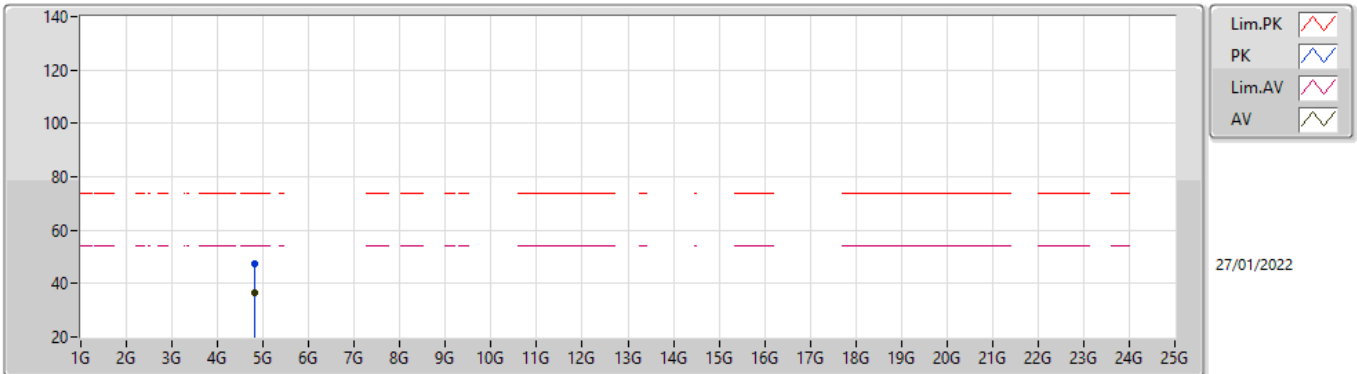


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82387G	47.68	74.00	-26.32	43.42	3	Vertical	272	1.05	-	32.70	4.81	33.25
AV	4.82397G	36.99	54.00	-17.01	32.73	3	Vertical	272	1.05	-	32.70	4.81	33.25

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

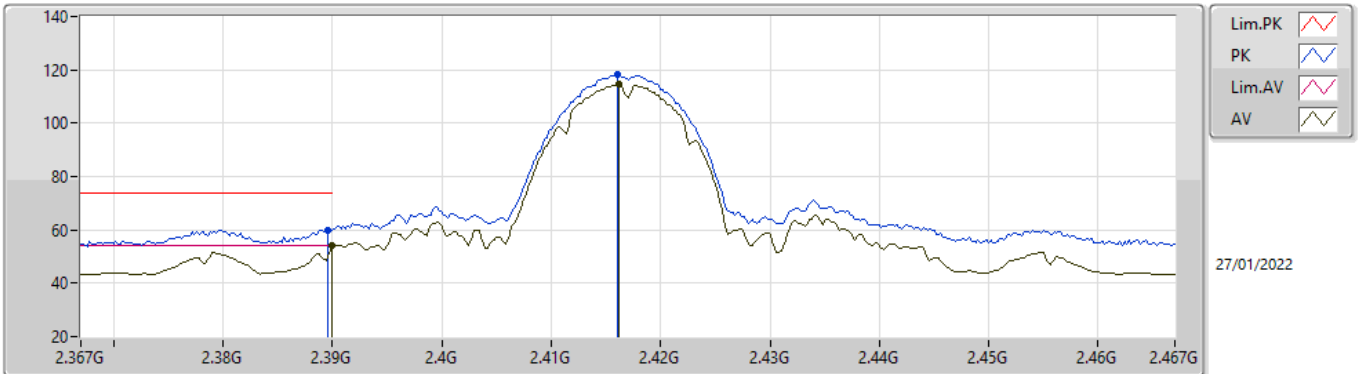


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82386G	47.28	74.00	-26.72	43.02	3	Horizontal	1	1.22	-	32.70	4.81	33.25
AV	4.82394G	36.33	54.00	-17.67	32.07	3	Horizontal	1	1.22	-	32.70	4.81	33.25

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

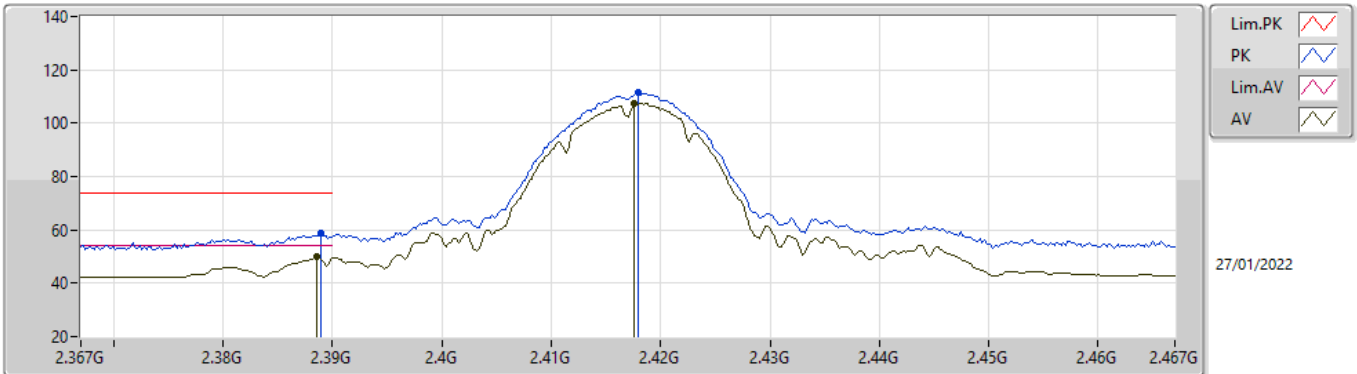


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	60.05	74.00	-13.95	29.78	3	Vertical	256	1.25	-	27.48	2.79	-
AV	2.39G	53.93	54.00	-0.07	23.66	3	Vertical	256	1.25	-	27.48	2.79	-
PK	2.416G	118.31	Inf	-Inf	87.97	3	Vertical	256	1.25	-	27.53	2.81	-
AV	2.4162G	114.44	Inf	-Inf	84.10	3	Vertical	256	1.25	-	27.53	2.81	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

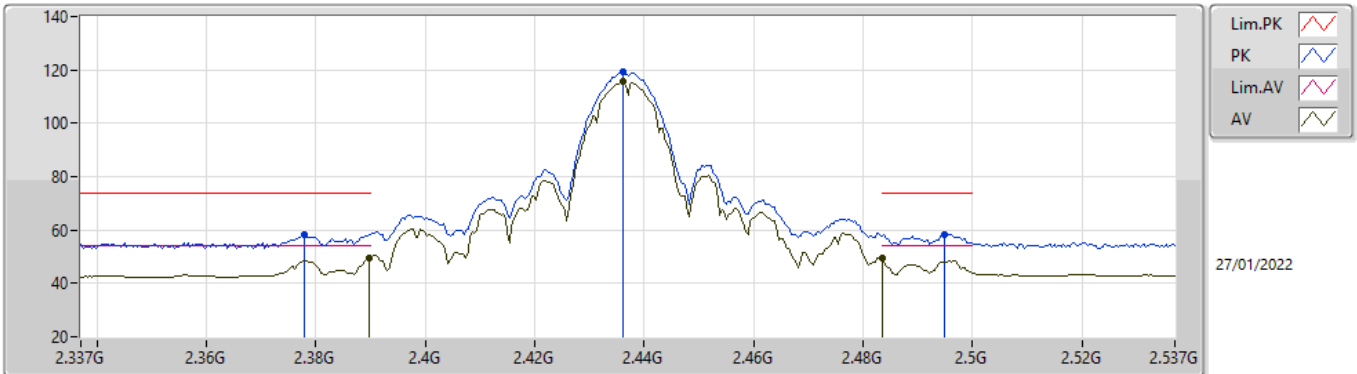


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.389G	59.04	74.00	-14.96	28.77	3	Horizontal	36	1.05	-	27.48	2.79	-	
AV	2.3886G	50.23	54.00	-3.77	19.96	3	Horizontal	36	1.05	-	27.48	2.79	-	
PK	2.418G	111.36	Inf	-Inf	81.01	3	Horizontal	36	1.05	-	27.54	2.81	-	
AV	2.4176G	107.27	Inf	-Inf	76.92	3	Horizontal	36	1.05	-	27.54	2.81	-	

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

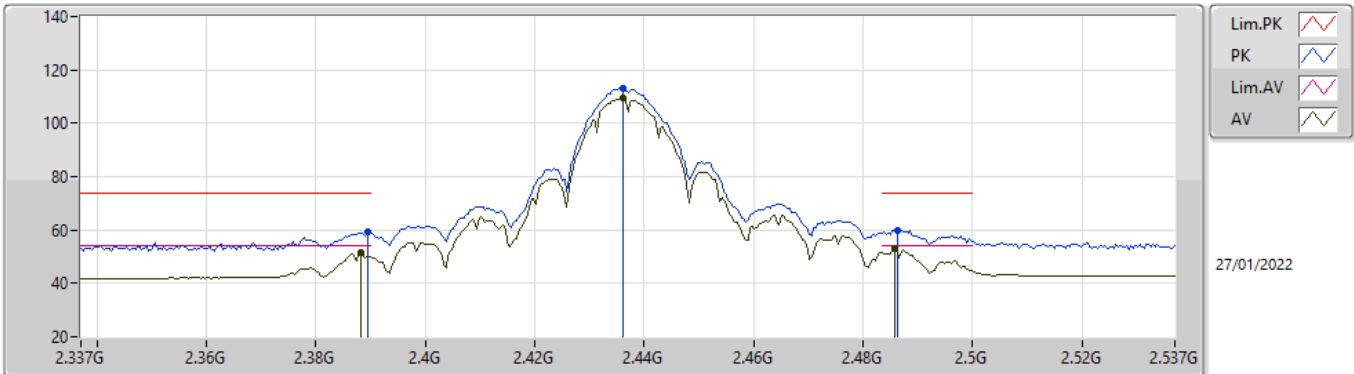


EUT Y_2TX
Setting 23.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3778G	58.30	74.00	-15.70	28.05	3	Vertical	211	1.79	-	27.46	2.79	-
AV	2.3898G	49.55	54.00	-4.45	19.28	3	Vertical	211	1.79	-	27.48	2.79	-
PK	2.4362G	119.29	Inf	-Inf	88.90	3	Vertical	211	1.79	-	27.57	2.82	-
AV	2.4362G	115.47	Inf	-Inf	85.08	3	Vertical	211	1.79	-	27.57	2.82	-
PK	2.495G	58.24	74.00	-15.76	27.52	3	Vertical	211	1.79	-	27.87	2.85	-
AV	2.4835G	49.33	54.00	-4.67	18.69	3	Vertical	211	1.79	-	27.80	2.84	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

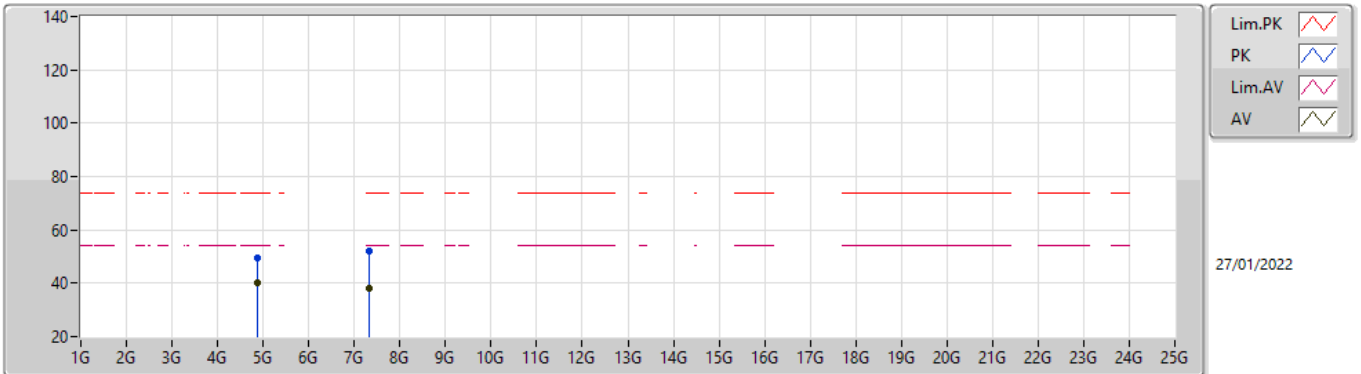


EUT_Y_2TX
Setting 23.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	59.28	74.00	-14.72	29.01	3	Horizontal	36	1.14	-	27.48	2.79	-
AV	2.3882G	51.63	54.00	-2.37	21.36	3	Horizontal	36	1.14	-	27.48	2.79	-
PK	2.4362G	113.35	Inf	-Inf	82.96	3	Horizontal	36	1.14	-	27.57	2.82	-
AV	2.4362G	109.33	Inf	-Inf	78.94	3	Horizontal	36	1.14	-	27.57	2.82	-
PK	2.4862G	59.81	74.00	-14.19	29.15	3	Horizontal	36	1.14	-	27.82	2.84	-
AV	2.4858G	52.95	54.00	-1.05	22.30	3	Horizontal	36	1.14	-	27.81	2.84	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

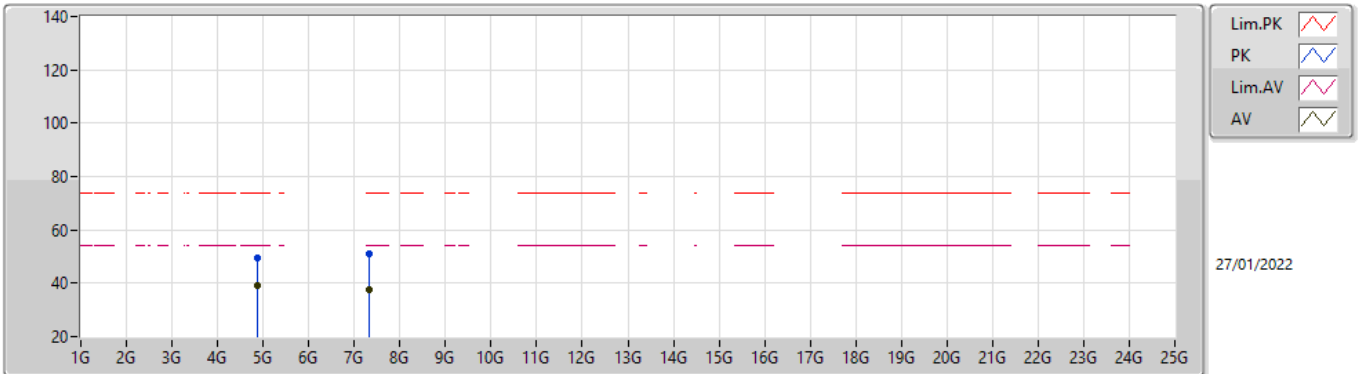


EUT_Y_2TX
Setting 23.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87403G	49.24	74.00	-24.76	44.73	3	Vertical	272	1.00	-	32.90	4.84	33.23
AV	4.87396G	40.08	54.00	-13.92	35.57	3	Vertical	272	1.00	-	32.90	4.84	33.23
PK	7.31368G	52.23	74.00	-21.77	42.34	3	Vertical	116	1.01	-	37.50	6.06	33.67
AV	7.31296G	38.03	54.00	-15.97	28.14	3	Vertical	116	1.01	-	37.50	6.06	33.67

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

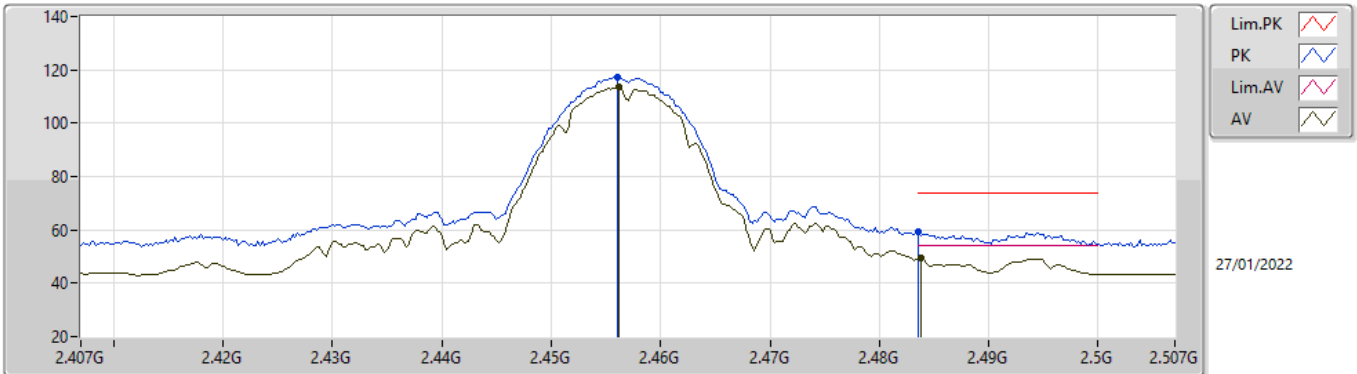


EUT_Y_2TX
Setting 23.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87399G	49.26	74.00	-24.74	44.75	3	Horizontal	1	1.21	-	32.90	4.84	33.23
AV	4.87394G	38.96	54.00	-15.04	34.45	3	Horizontal	1	1.21	-	32.90	4.84	33.23
PK	7.31944G	51.26	74.00	-22.74	41.37	3	Horizontal	0	1.28	-	37.50	6.06	33.67
AV	7.31388G	37.33	54.00	-16.67	27.44	3	Horizontal	0	1.28	-	37.50	6.06	33.67

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

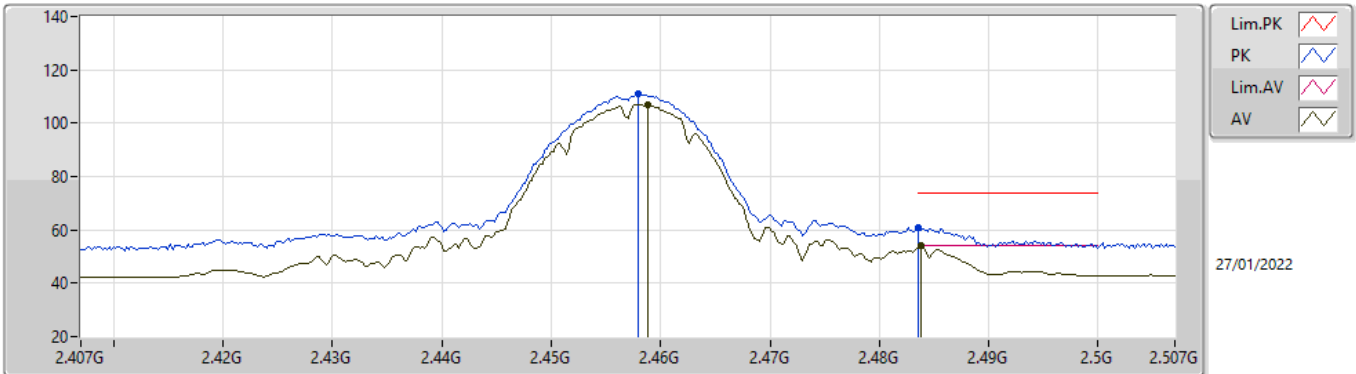


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.456G	117.47	Inf	-Inf	87.00	3	Vertical	249	1.89	-	27.64	2.83	-	
AV	2.4562G	113.55	Inf	-Inf	83.08	3	Vertical	249	1.89	-	27.64	2.83	-	
PK	2.4835G	59.46	74.00	-14.54	28.82	3	Vertical	249	1.89	-	27.80	2.84	-	
AV	2.4838G	49.60	54.00	-4.40	18.96	3	Vertical	249	1.89	-	27.80	2.84	-	

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

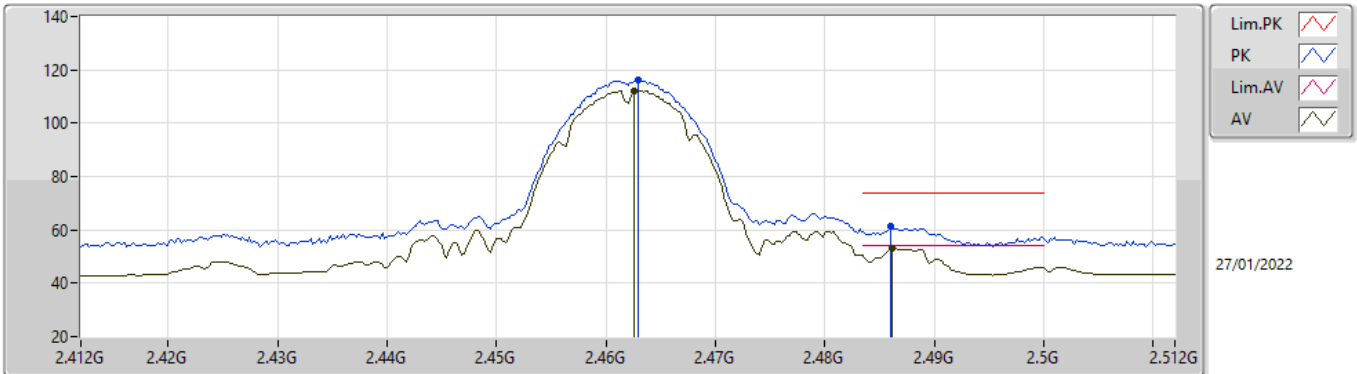


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.458G	111.00	Inf	-Inf	80.52	3	Horizontal	41	1.27	-	27.65	2.83	-	
AV	2.4588G	107.00	Inf	-Inf	76.52	3	Horizontal	41	1.27	-	27.65	2.83	-	
PK	2.4835G	60.99	74.00	-13.01	30.35	3	Horizontal	41	1.27	-	27.80	2.84	-	
AV	2.4838G	53.94	54.00	-0.06	23.30	3	Horizontal	41	1.27	-	27.80	2.84	-	

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

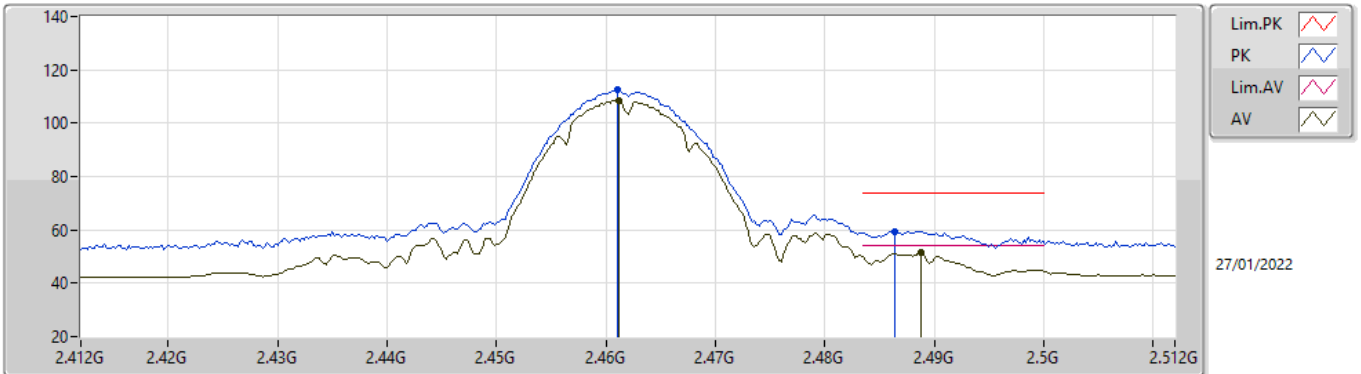


EUT Y_2TX
Setting 20.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.463G	116.45	Inf	-Inf	85.94	3	Vertical	332	1.38	-	27.68	2.83	-	
AV	2.4626G	112.30	Inf	-Inf	81.79	3	Vertical	332	1.38	-	27.68	2.83	-	
PK	2.486G	61.53	74.00	-12.47	30.87	3	Vertical	332	1.38	-	27.82	2.84	-	
AV	2.4862G	53.10	54.00	-0.90	22.44	3	Vertical	332	1.38	-	27.82	2.84	-	

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

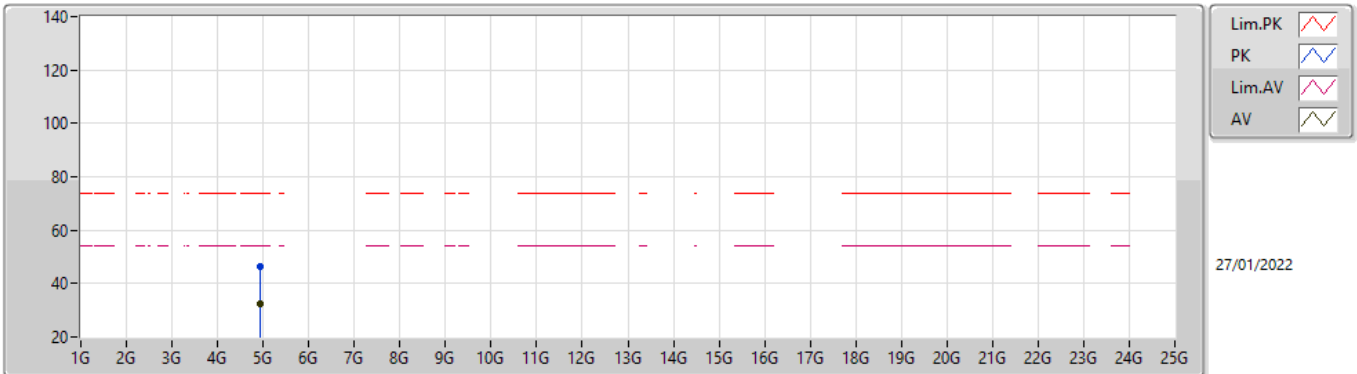


EUT Y_2TX
Setting 20.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.461G	112.39	Inf	-Inf	81.89	3	Horizontal	32	1.07	-	27.67	2.83	-	
AV	2.4612G	108.51	Inf	-Inf	78.01	3	Horizontal	32	1.07	-	27.67	2.83	-	
PK	2.4864G	59.55	74.00	-14.45	28.89	3	Horizontal	32	1.07	-	27.82	2.84	-	
AV	2.4888G	51.42	54.00	-2.58	20.75	3	Horizontal	32	1.07	-	27.83	2.84	-	

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

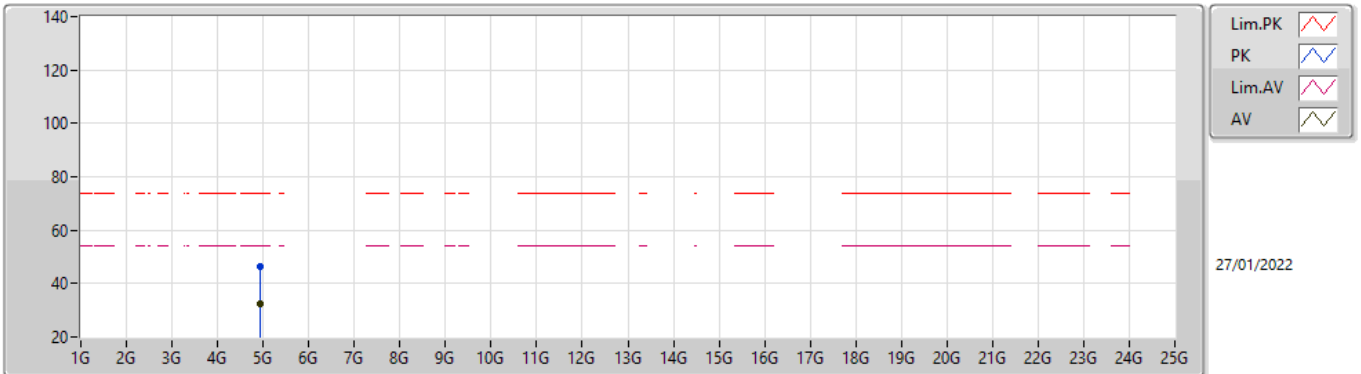


EUT Y_2TX
Setting 20.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.92602G	46.40	74.00	-27.60	41.69	3	Vertical	27	1.34	-	33.05	4.86	33.20	
AV	4.92588G	32.36	54.00	-21.64	27.65	3	Vertical	27	1.34	-	33.05	4.86	33.20	

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

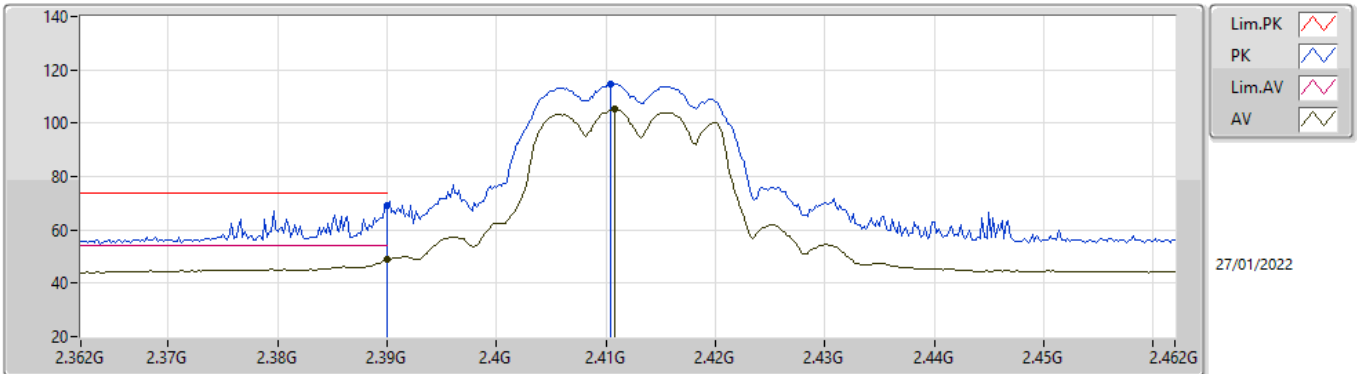


EUT Y_2TX
Setting 20.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.92408G	46.41	74.00	-27.59	41.70	3	Horizontal	270	1.67	-	33.05	4.86	33.20	
AV	4.92634G	32.31	54.00	-21.69	27.60	3	Horizontal	270	1.67	-	33.05	4.86	33.20	

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

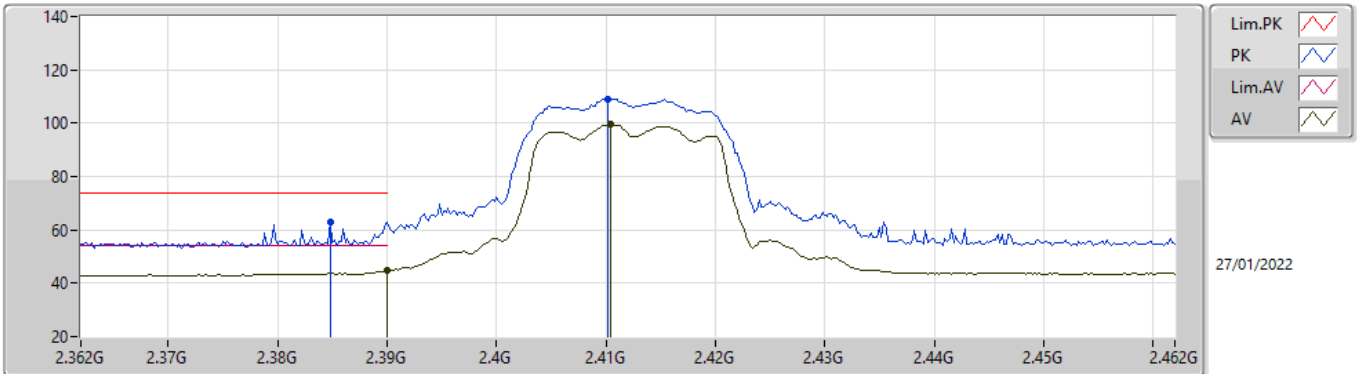


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.39G	69.27	74.00	-4.73	39.00	3	Vertical	200	1.41	-	27.48	2.79	-	
AV	2.39G	48.84	54.00	-5.16	18.57	3	Vertical	200	1.41	-	27.48	2.79	-	
PK	2.4104G	114.87	Inf	-Inf	84.54	3	Vertical	200	1.41	-	27.52	2.81	-	
AV	2.4108G	105.09	Inf	-Inf	74.76	3	Vertical	200	1.41	-	27.52	2.81	-	

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

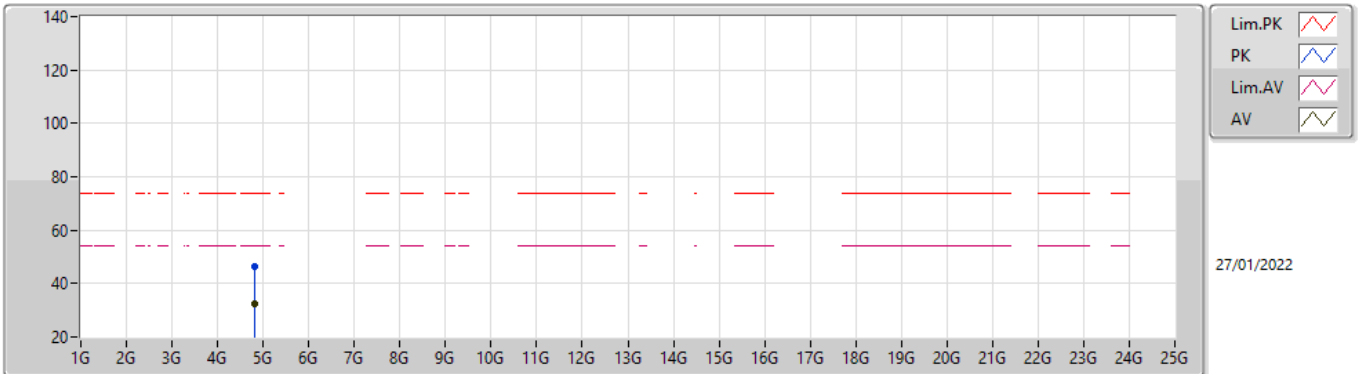


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3848G	62.93	74.00	-11.07	32.67	3	Horizontal	30	1.00	-	27.47	2.79	-
AV	2.39G	44.89	54.00	-9.11	14.62	3	Horizontal	30	1.00	-	27.48	2.79	-
PK	2.4102G	108.93	Inf	-Inf	78.60	3	Horizontal	30	1.00	-	27.52	2.81	-
AV	2.4104G	99.54	Inf	-Inf	69.21	3	Horizontal	30	1.00	-	27.52	2.81	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

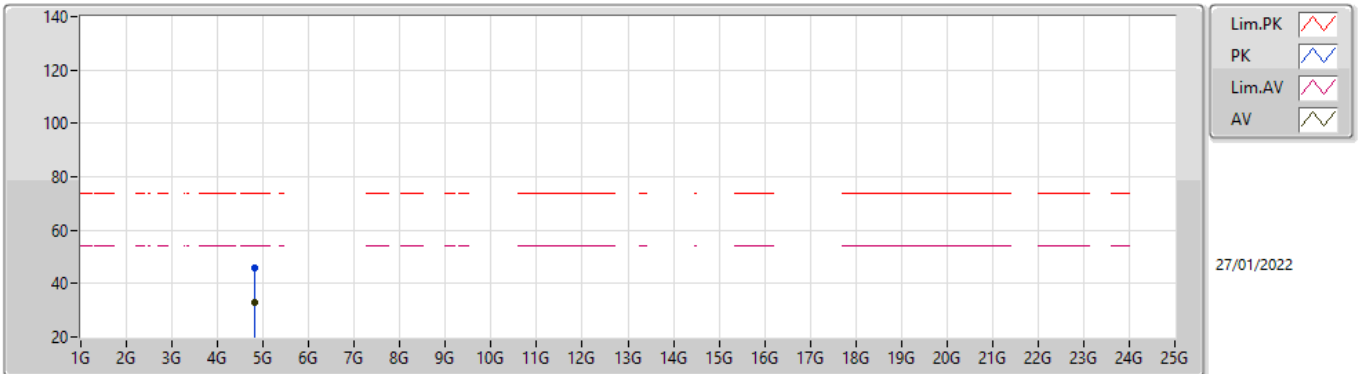


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82488G	46.35	74.00	-27.65	42.09	3	Vertical	341	2.85	-	32.70	4.81	33.25
AV	4.82516G	32.53	54.00	-21.47	28.27	3	Vertical	341	2.85	-	32.70	4.81	33.25

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

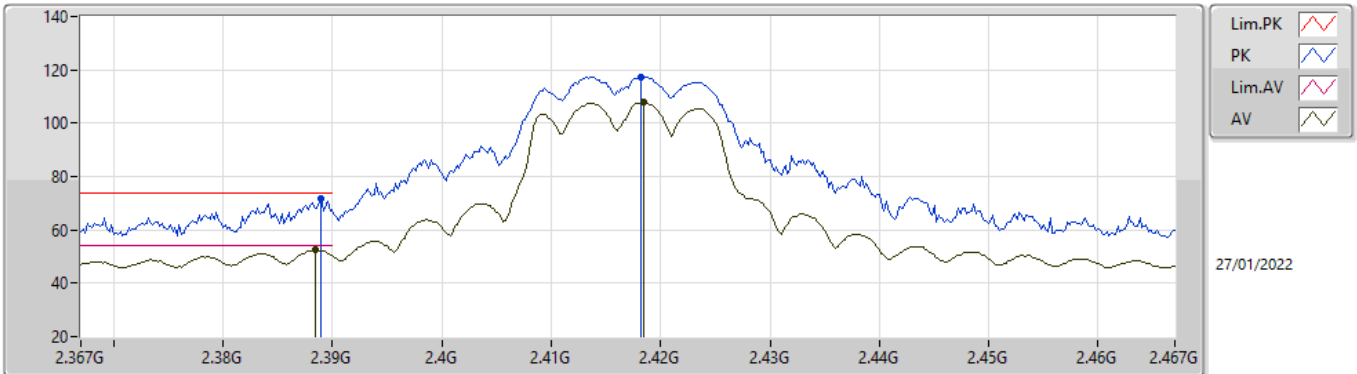


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82418G	45.89	74.00	-28.11	41.63	3	Horizontal	195	1.09	-	32.70	4.81	33.25
AV	4.82168G	32.76	54.00	-21.24	28.51	3	Horizontal	195	1.09	-	32.69	4.81	33.25

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

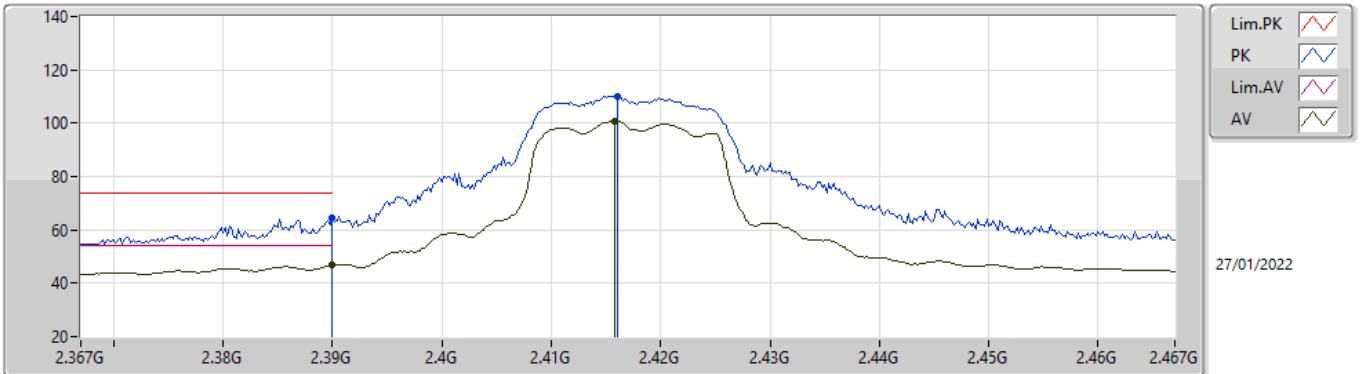


EUT_Y_2TX
Setting 18
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	71.95	74.00	-2.05	41.68	3	Vertical	231	1.02	-	27.48	2.79	-
AV	2.3884G	52.47	54.00	-1.53	22.20	3	Vertical	231	1.02	-	27.48	2.79	-
PK	2.4182G	117.47	Inf	-Inf	87.12	3	Vertical	231	1.02	-	27.54	2.81	-
AV	2.4184G	107.68	Inf	-Inf	77.33	3	Vertical	231	1.02	-	27.54	2.81	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

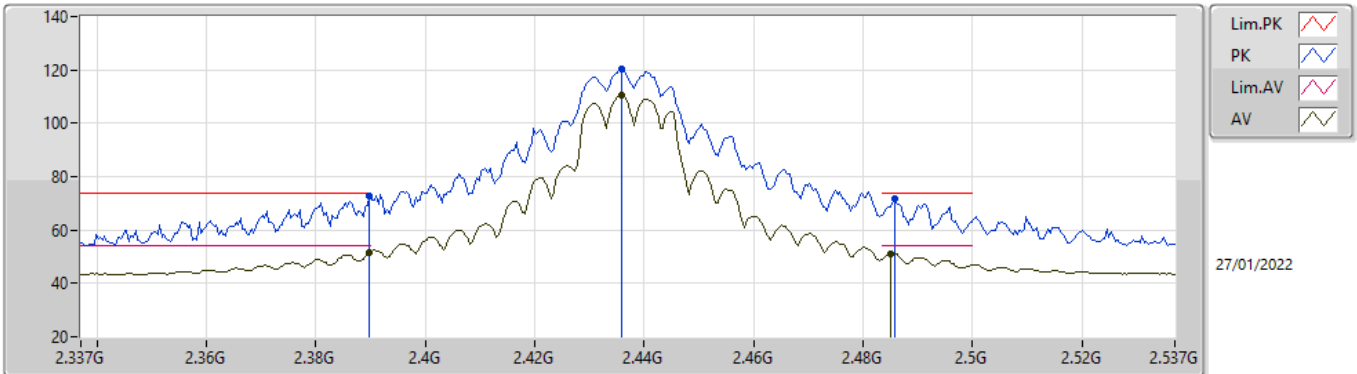


EUT_Y_2TX
Setting 18
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	64.61	74.00	-9.39	34.34	3	Horizontal	37	1.05	-	27.48	2.79	-
AV	2.39G	46.85	54.00	-7.15	16.58	3	Horizontal	37	1.05	-	27.48	2.79	-
PK	2.416G	110.07	Inf	-Inf	79.73	3	Horizontal	37	1.05	-	27.53	2.81	-
AV	2.4158G	100.92	Inf	-Inf	70.58	3	Horizontal	37	1.05	-	27.53	2.81	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

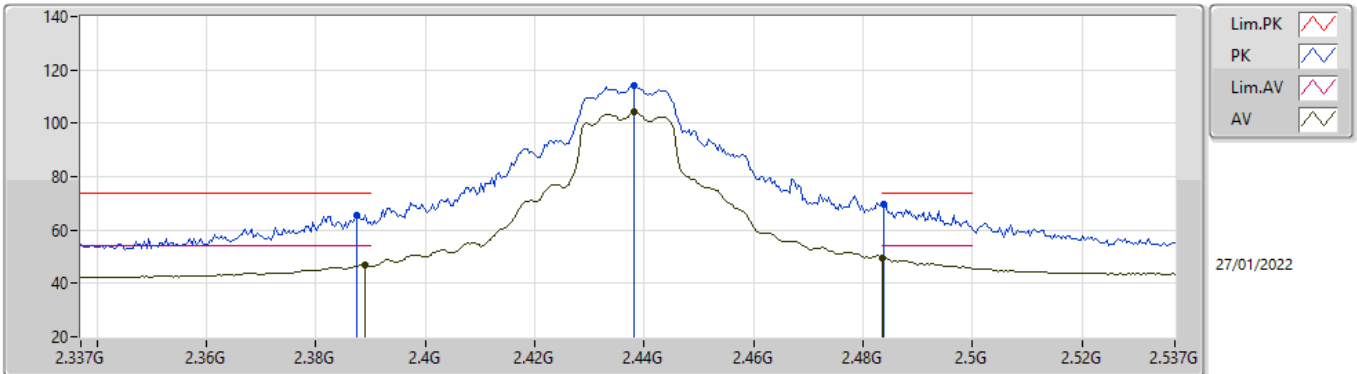


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	72.57	74.00	-1.43	42.30	3	Vertical	237	1.79	-	27.48	2.79	-
AV	2.3898G	51.59	54.00	-2.41	21.32	3	Vertical	237	1.79	-	27.48	2.79	-
PK	2.4358G	120.28	Inf	-Inf	89.89	3	Vertical	237	1.79	-	27.57	2.82	-
AV	2.4358G	110.50	Inf	-Inf	80.11	3	Vertical	237	1.79	-	27.57	2.82	-
PK	2.4858G	71.85	74.00	-2.15	41.20	3	Vertical	237	1.79	-	27.81	2.84	-
AV	2.485G	51.23	54.00	-2.77	20.58	3	Vertical	237	1.79	-	27.81	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

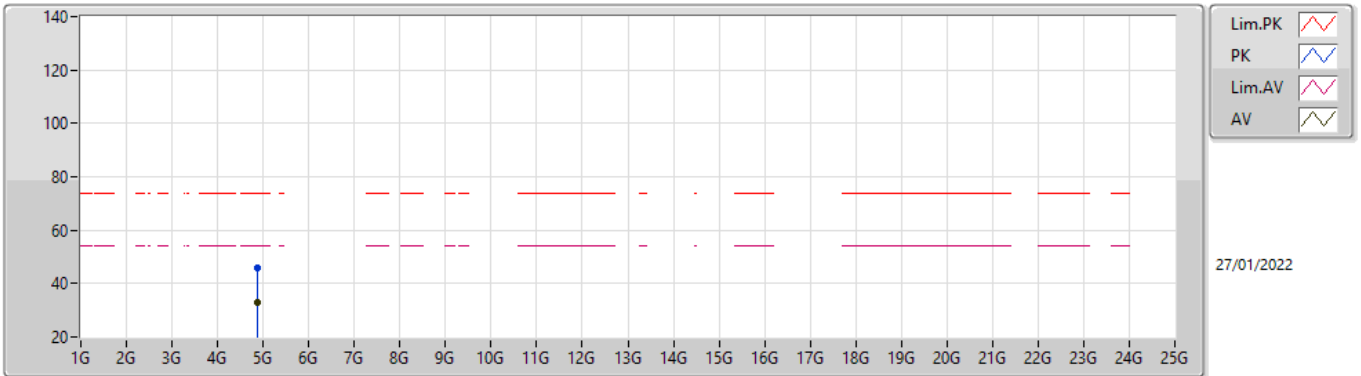


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3874G	65.44	74.00	-8.56	35.18	3	Horizontal	38	1.00	-	27.47	2.79	-
AV	2.389G	46.68	54.00	-7.32	16.41	3	Horizontal	38	1.00	-	27.48	2.79	-
PK	2.4382G	113.92	Inf	-Inf	83.52	3	Horizontal	38	1.00	-	27.58	2.82	-
AV	2.4382G	104.31	Inf	-Inf	73.91	3	Horizontal	38	1.00	-	27.58	2.82	-
PK	2.4838G	69.41	74.00	-4.59	38.77	3	Horizontal	38	1.00	-	27.80	2.84	-
AV	2.4835G	49.64	54.00	-4.36	19.00	3	Horizontal	38	1.00	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

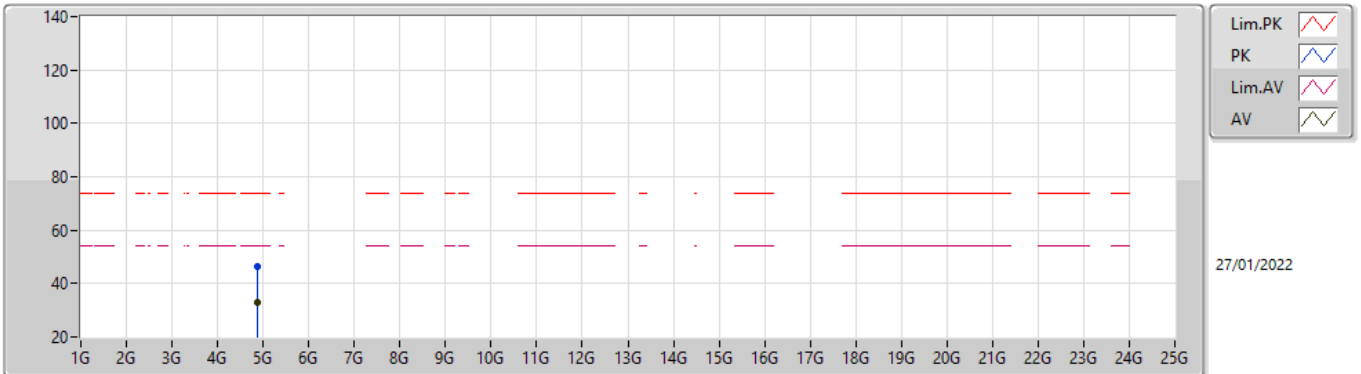


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.87344G	45.95	74.00	-28.05	41.45	3	Vertical	313	1.25	-	32.89	4.84	33.23	
AV	4.87586G	32.76	54.00	-21.24	28.24	3	Vertical	313	1.25	-	32.90	4.84	33.22	

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

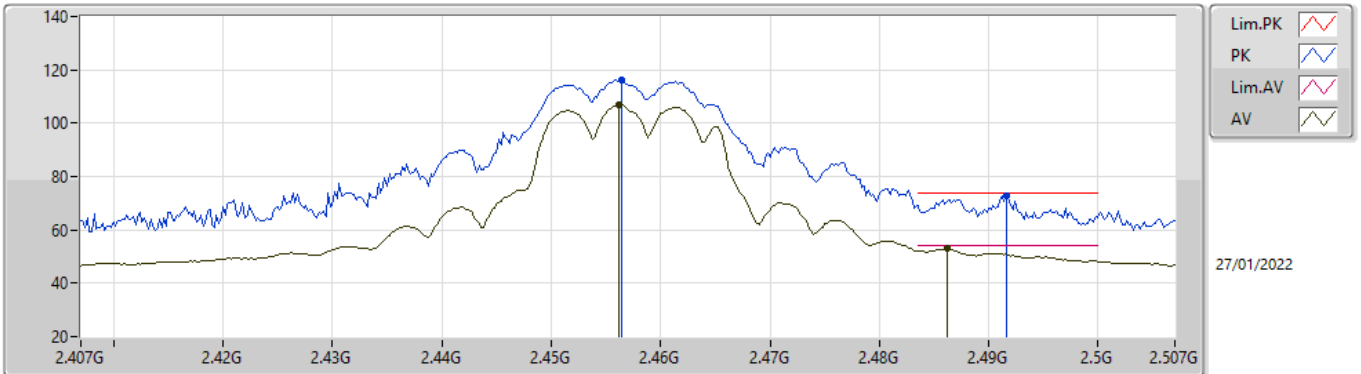


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87344G	46.40	74.00	-27.60	41.90	3	Horizontal	114	2.24	-	32.89	4.84	33.23
AV	4.87252G	32.84	54.00	-21.16	28.34	3	Horizontal	114	2.24	-	32.89	4.84	33.23

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

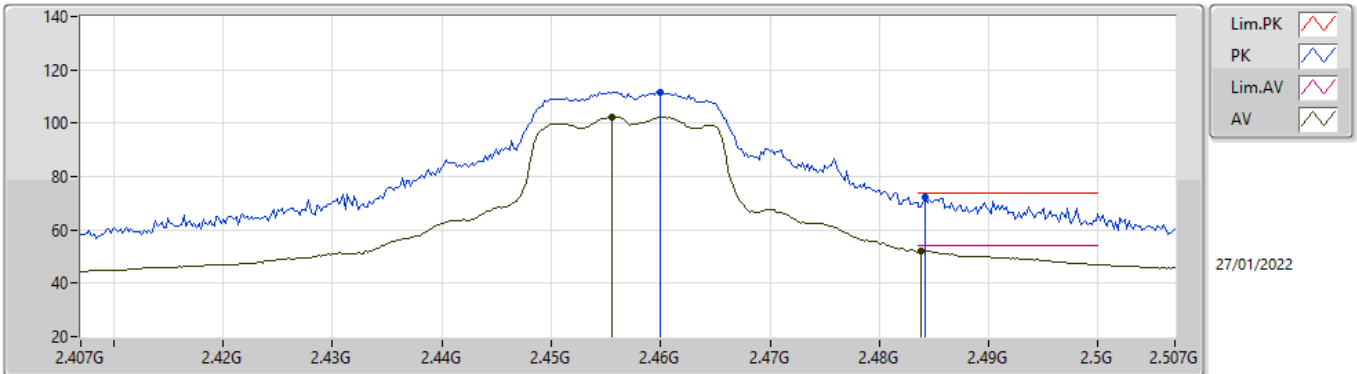


EUT_Y_2TX
Setting 19
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4564G	116.33	Inf	-Inf	85.86	3	Vertical	187	1.42	-	27.64	2.83	-
AV	2.4562G	106.88	Inf	-Inf	76.41	3	Vertical	187	1.42	-	27.64	2.83	-
PK	2.4916G	72.79	74.00	-1.21	42.09	3	Vertical	187	1.42	-	27.85	2.85	-
AV	2.4862G	52.92	54.00	-1.08	22.26	3	Vertical	187	1.42	-	27.82	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

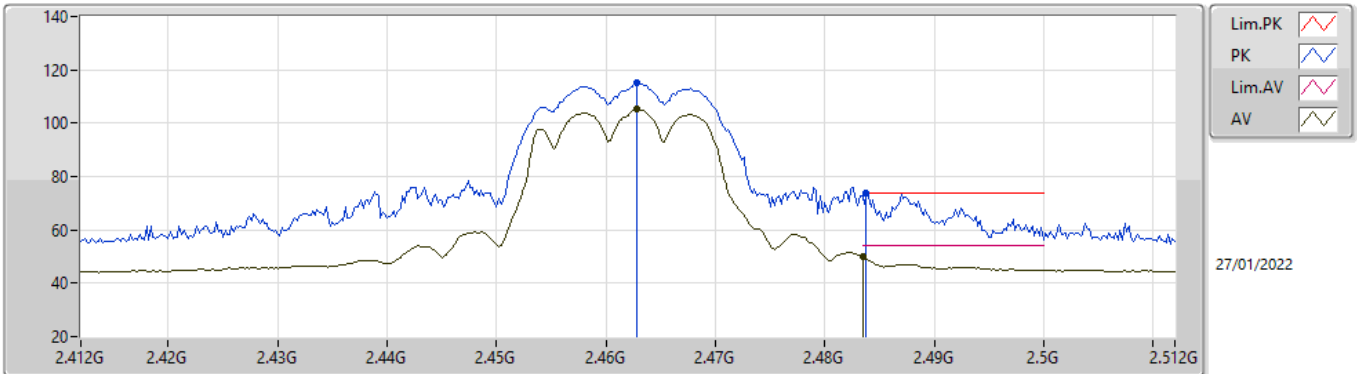


EUT Y_2TX
Setting 19
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.46G	111.76	Inf	-Inf	81.27	3	Horizontal	36	1.08	-	27.66	2.83	-
AV	2.4556G	102.49	Inf	-Inf	72.03	3	Horizontal	36	1.08	-	27.63	2.83	-
PK	2.4842G	72.47	74.00	-1.53	41.82	3	Horizontal	36	1.08	-	27.81	2.84	-
AV	2.4838G	52.29	54.00	-1.71	21.65	3	Horizontal	36	1.08	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

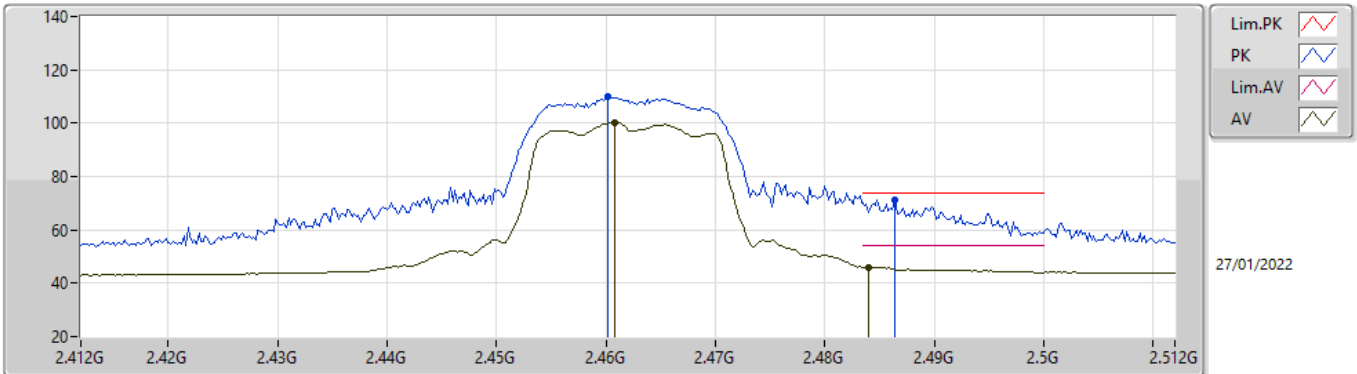


EUT_Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4628G	115.08	Inf	-Inf	84.57	3	Vertical	241	1.43	-	27.68	2.83	-	
AV	2.4628G	105.21	Inf	-Inf	74.70	3	Vertical	241	1.43	-	27.68	2.83	-	
PK	2.4838G	73.55	74.00	-0.45	42.91	3	Vertical	241	1.43	-	27.80	2.84	-	
AV	2.4835G	49.85	54.00	-4.15	19.21	3	Vertical	241	1.43	-	27.80	2.84	-	

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

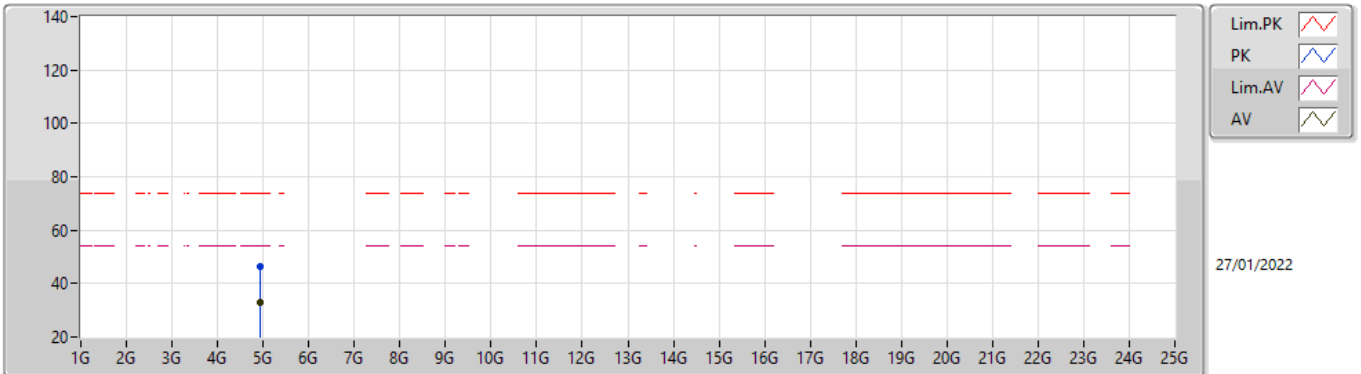


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4602G	109.76	Inf	-Inf	79.27	3	Horizontal	34	1.13	-	27.66	2.83	-
AV	2.4608G	100.23	Inf	-Inf	69.74	3	Horizontal	34	1.13	-	27.66	2.83	-
PK	2.4864G	71.12	74.00	-2.88	40.46	3	Horizontal	34	1.13	-	27.82	2.84	-
AV	2.484G	46.12	54.00	-7.88	15.48	3	Horizontal	34	1.13	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

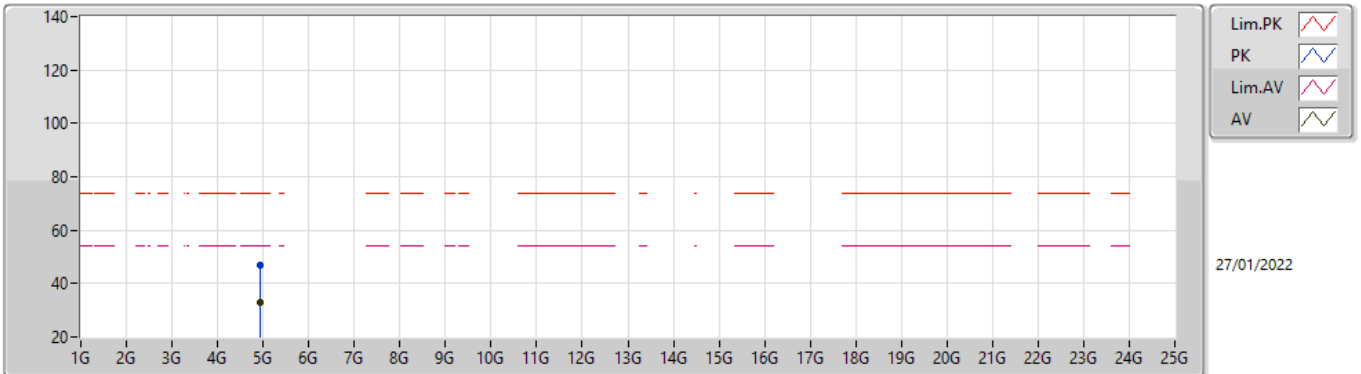


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.9209G	46.45	74.00	-27.55	41.75	3	Vertical	8	2.53	-	33.04	4.86	33.20	
AV	4.92366G	32.96	54.00	-21.04	28.25	3	Vertical	8	2.53	-	33.05	4.86	33.20	

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

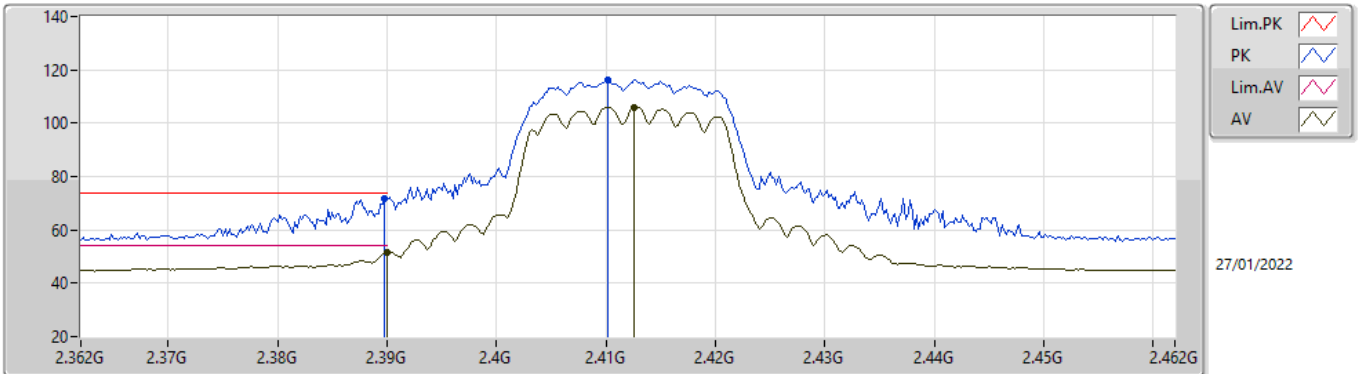


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.92706G	46.86	74.00	-27.14	42.15	3	Horizontal	207	1.54	-	33.05	4.86	33.20	
AV	4.92372G	33.17	54.00	-20.83	28.46	3	Horizontal	207	1.54	-	33.05	4.86	33.20	

VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

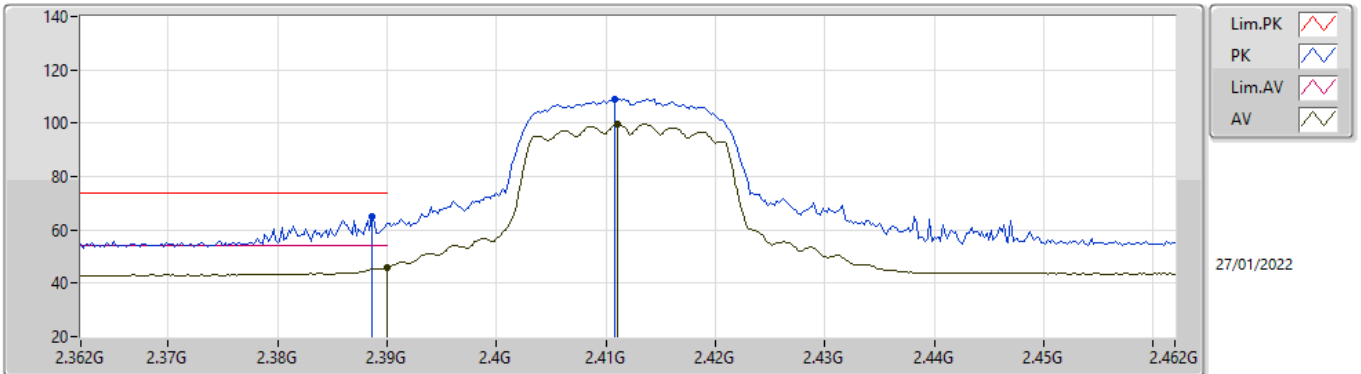


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	71.56	74.00	-2.44	41.29	3	Vertical	233	1.00	-	27.48	2.79	-
AV	2.39G	51.68	54.00	-2.32	21.41	3	Vertical	233	1.00	-	27.48	2.79	-
PK	2.4102G	116.28	Inf	-Inf	85.95	3	Vertical	233	1.00	-	27.52	2.81	-
AV	2.4126G	106.08	Inf	-Inf	75.74	3	Vertical	233	1.00	-	27.53	2.81	-

VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

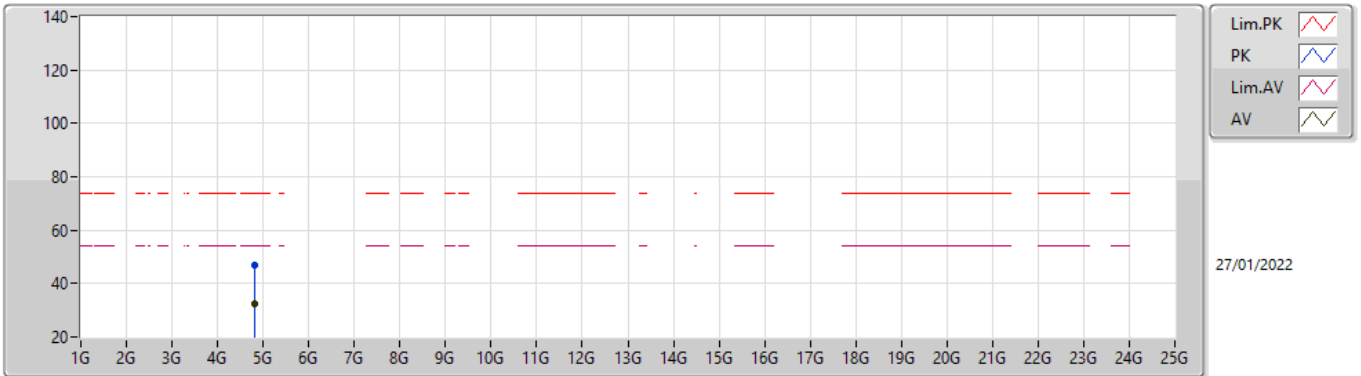


EUT_Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	64.95	74.00	-9.05	34.68	3	Horizontal	28	1.00	-	27.48	2.79	-
AV	2.39G	45.68	54.00	-8.32	15.41	3	Horizontal	28	1.00	-	27.48	2.79	-
PK	2.4108G	108.97	Inf	-Inf	78.64	3	Horizontal	28	1.00	-	27.52	2.81	-
AV	2.411G	99.69	Inf	-Inf	69.36	3	Horizontal	28	1.00	-	27.52	2.81	-

VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

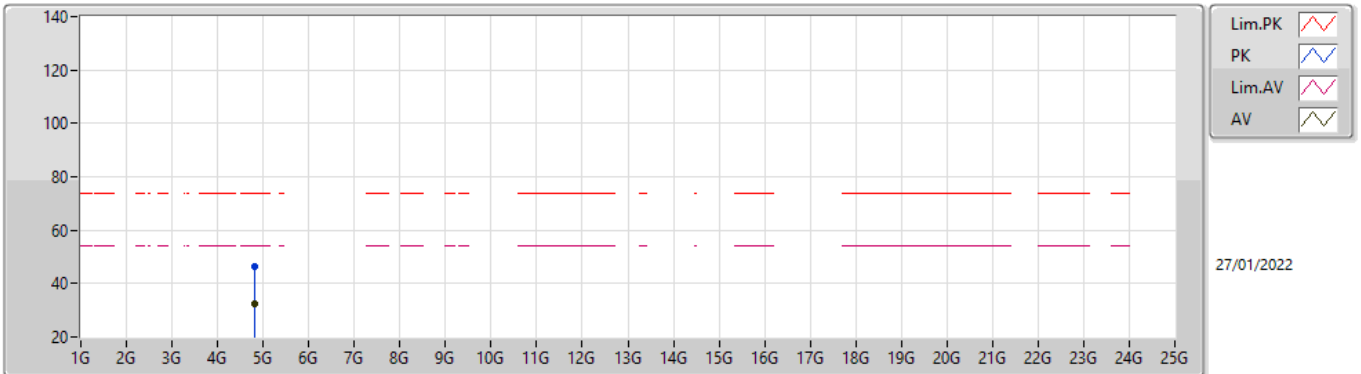


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82628G	46.69	74.00	-27.31	42.42	3	Vertical	166	2.35	-	32.71	4.81	33.25
AV	4.82548G	32.54	54.00	-21.46	28.28	3	Vertical	166	2.35	-	32.70	4.81	33.25

VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

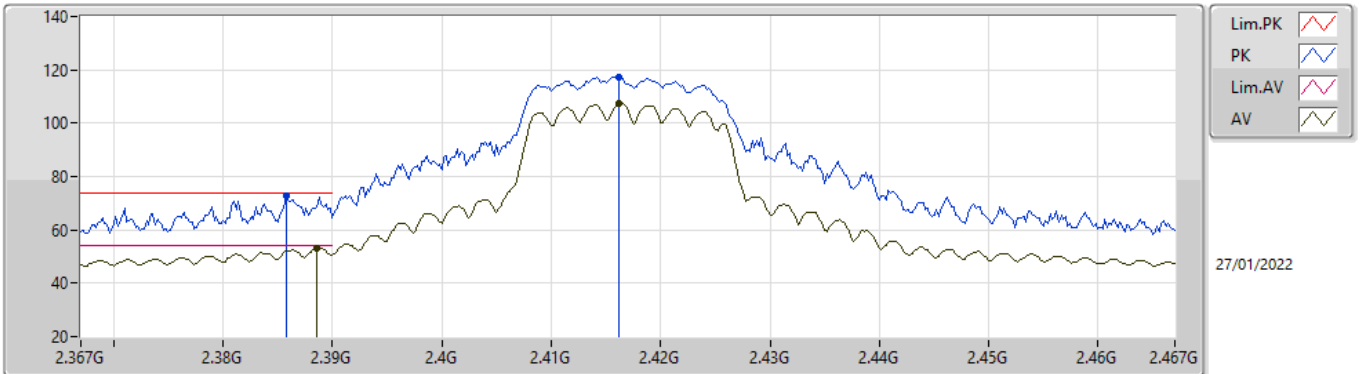


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8259G	46.23	74.00	-27.77	41.97	3	Horizontal	20	2.08	-	32.70	4.81	33.25
AV	4.82254G	32.54	54.00	-21.46	28.29	3	Horizontal	20	2.08	-	32.69	4.81	33.25

VHT20_Nss1,(MCS0)_2TX

2417MHz_TX

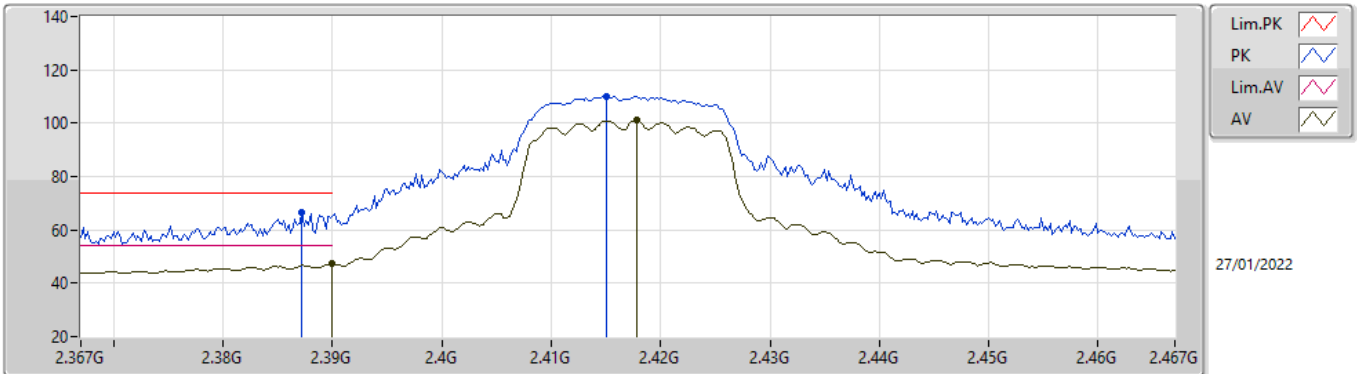


EUT Y_2TX
Setting 18.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3858G	72.56	74.00	-1.44	42.30	3	Vertical	235	1.07	-	27.47	2.79	-
AV	2.3886G	53.35	54.00	-0.65	23.08	3	Vertical	235	1.07	-	27.48	2.79	-
PK	2.4162G	117.41	Inf	-Inf	87.07	3	Vertical	235	1.07	-	27.53	2.81	-
AV	2.4162G	107.44	Inf	-Inf	77.10	3	Vertical	235	1.07	-	27.53	2.81	-

VHT20_Nss1,(MCS0)_2TX

2417MHz_TX

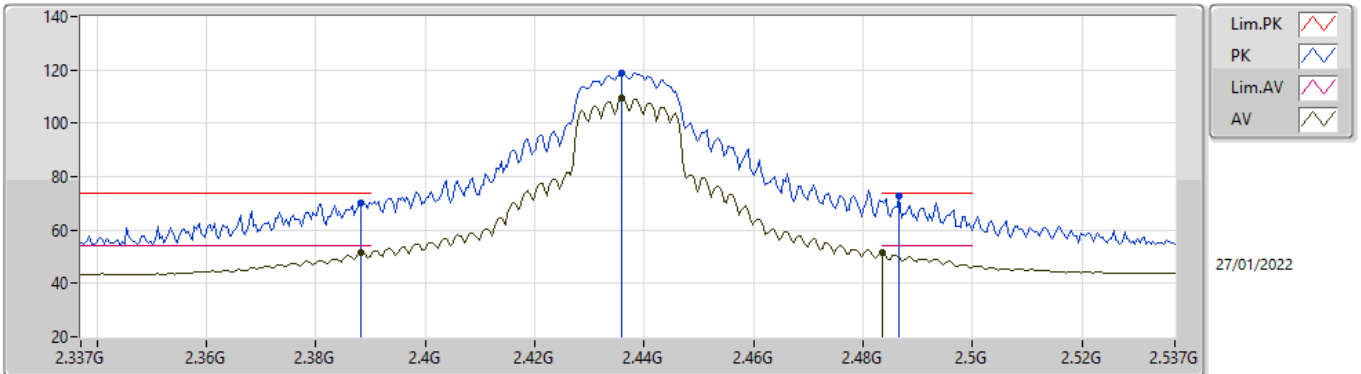


EUT Y_2TX
Setting 18.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	66.49	74.00	-7.51	36.23	3	Horizontal	34	1.00	-	27.47	2.79	-
AV	2.39G	47.28	54.00	-6.72	17.01	3	Horizontal	34	1.00	-	27.48	2.79	-
PK	2.415G	110.23	Inf	-Inf	79.89	3	Horizontal	34	1.00	-	27.53	2.81	-
AV	2.4178G	101.11	Inf	-Inf	70.76	3	Horizontal	34	1.00	-	27.54	2.81	-

VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

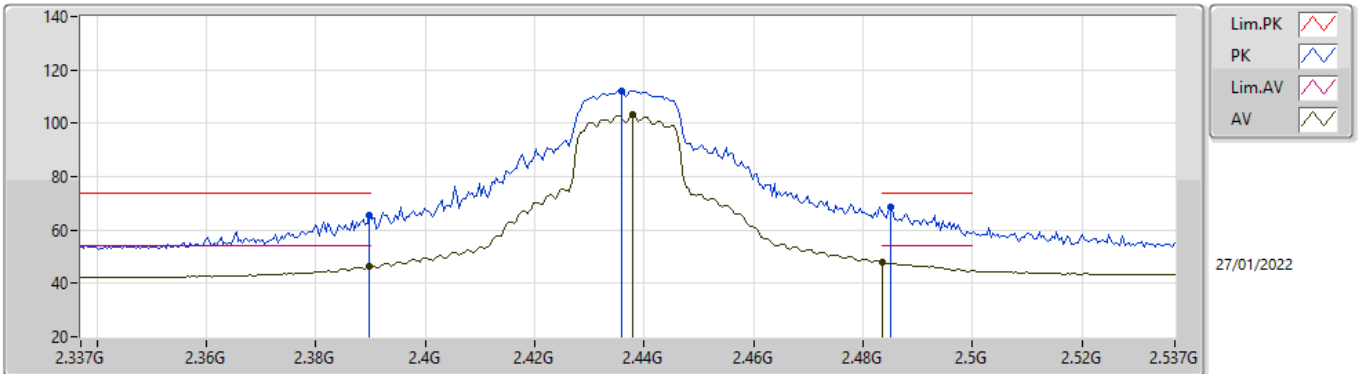


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	70.27	74.00	-3.73	40.00	3	Vertical	252	1.74	-	27.48	2.79	-
AV	2.3882G	51.59	54.00	-2.41	21.32	3	Vertical	252	1.74	-	27.48	2.79	-
PK	2.4358G	118.94	Inf	-Inf	88.55	3	Vertical	252	1.74	-	27.57	2.82	-
AV	2.4358G	109.26	Inf	-Inf	78.87	3	Vertical	252	1.74	-	27.57	2.82	-
PK	2.4866G	72.98	74.00	-1.02	42.32	3	Vertical	252	1.74	-	27.82	2.84	-
AV	2.4835G	51.53	54.00	-2.47	20.89	3	Vertical	252	1.74	-	27.80	2.84	-

VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

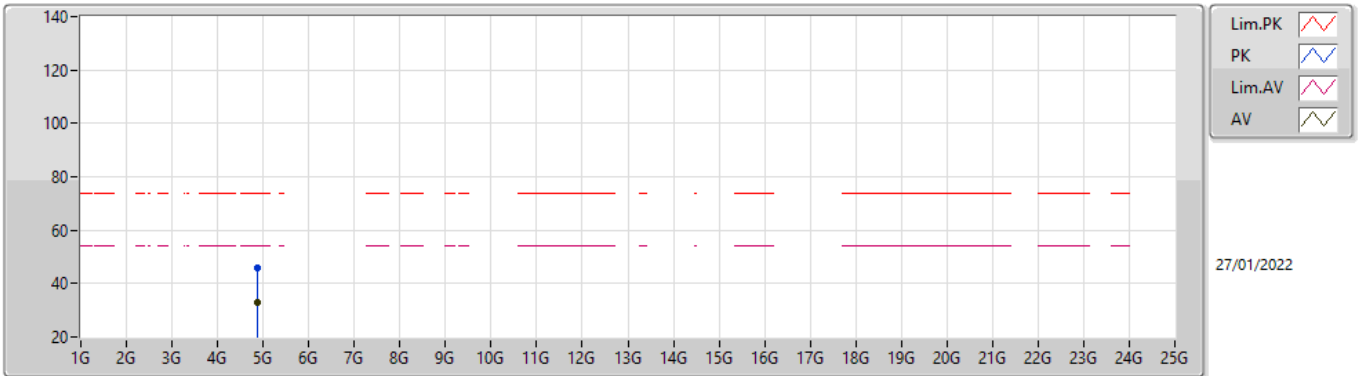


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	65.58	74.00	-8.42	35.31	3	Horizontal	40	1.36	-	27.48	2.79	-
AV	2.3898G	46.36	54.00	-7.64	16.09	3	Horizontal	40	1.36	-	27.48	2.79	-
PK	2.4358G	112.27	Inf	-Inf	81.88	3	Horizontal	40	1.36	-	27.57	2.82	-
AV	2.4378G	103.37	Inf	-Inf	72.97	3	Horizontal	40	1.36	-	27.58	2.82	-
PK	2.485G	68.62	74.00	-5.38	37.97	3	Horizontal	40	1.36	-	27.81	2.84	-
AV	2.4835G	47.87	54.00	-6.13	17.23	3	Horizontal	40	1.36	-	27.80	2.84	-

VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

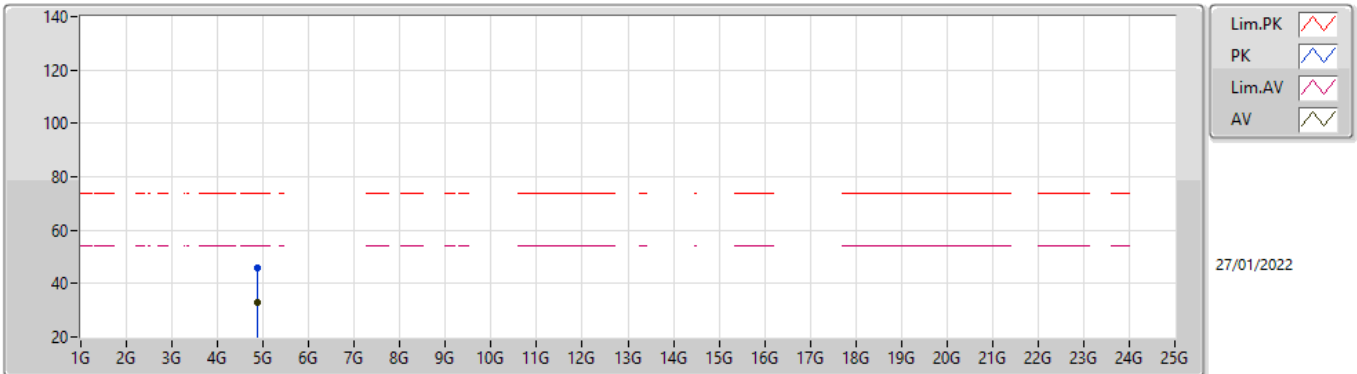


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8764G	46.09	74.00	-27.91	41.56	3	Vertical	47	1.93	-	32.91	4.84	33.22
AV	4.8782G	32.77	54.00	-21.23	28.24	3	Vertical	47	1.93	-	32.91	4.84	33.22

VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

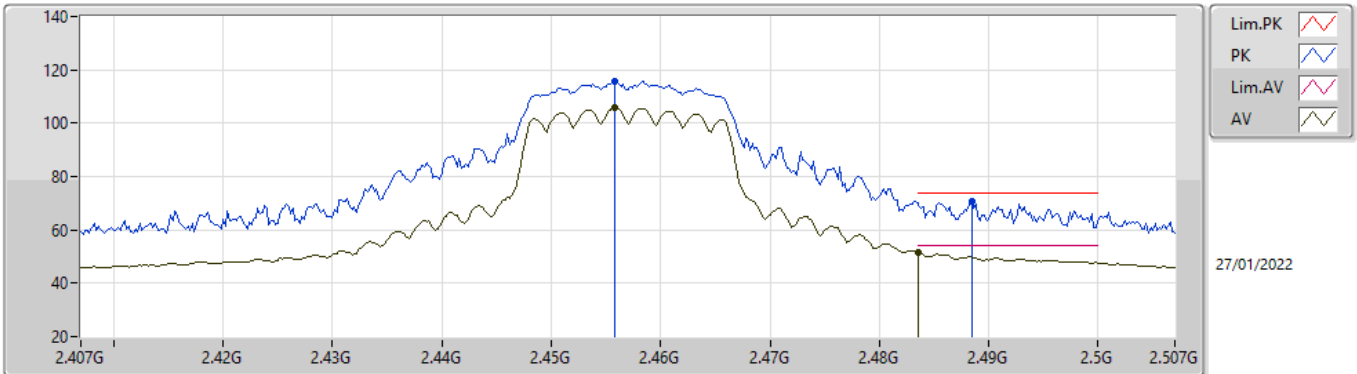


EUT Y_2TX
Setting 21
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87442G	45.83	74.00	-28.17	41.32	3	Horizontal	247	1.38	-	32.90	4.84	33.23
AV	4.87546G	32.73	54.00	-21.27	28.21	3	Horizontal	247	1.38	-	32.90	4.84	33.22

VHT20_Nss1,(MCS0)_2TX

2457MHz_TX

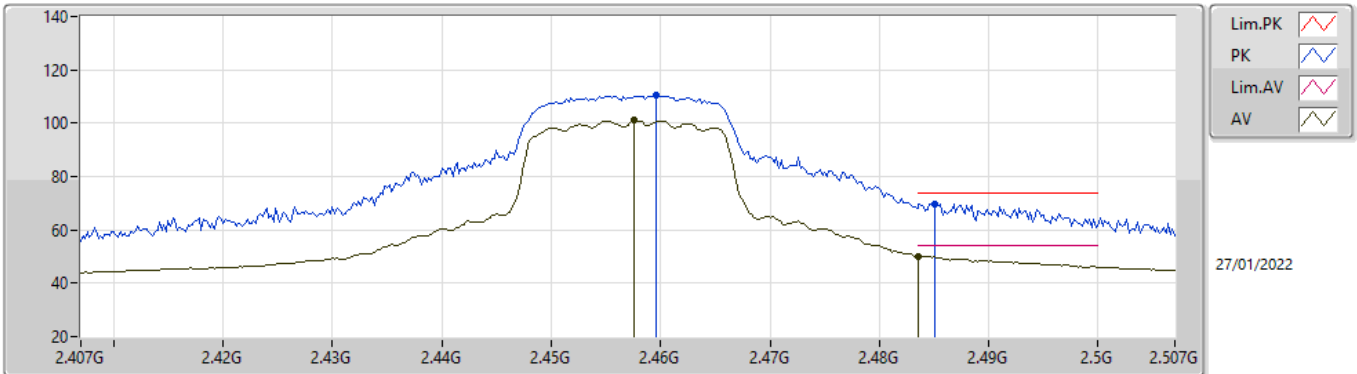


EUT_Y_2TX
Setting 18.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4558G	115.56	Inf	-Inf	85.10	3	Vertical	256	2.06	-	27.63	2.83	-
AV	2.4558G	106.01	Inf	-Inf	75.55	3	Vertical	256	2.06	-	27.63	2.83	-
PK	2.4884G	70.52	74.00	-3.48	39.85	3	Vertical	256	2.06	-	27.83	2.84	-
AV	2.4835G	51.74	54.00	-2.26	21.10	3	Vertical	256	2.06	-	27.80	2.84	-

VHT20_Nss1,(MCS0)_2TX

2457MHz_TX

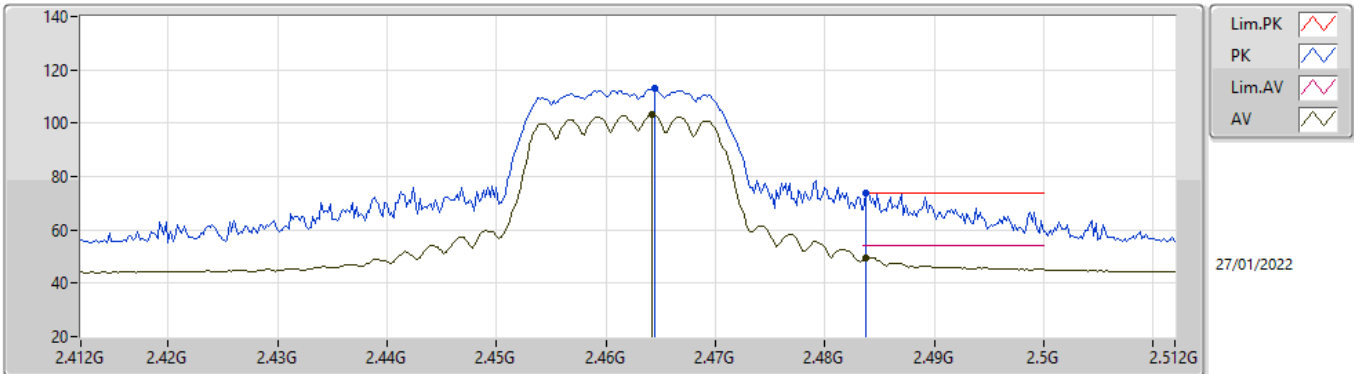


EUT Y_2TX
Setting 18.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4596G	110.47	Inf	-Inf	79.98	3	Horizontal	36	1.10	-	27.66	2.83	-
AV	2.4576G	101.26	Inf	-Inf	70.78	3	Horizontal	36	1.10	-	27.65	2.83	-
PK	2.485G	69.85	74.00	-4.15	39.20	3	Horizontal	36	1.10	-	27.81	2.84	-
AV	2.4835G	50.08	54.00	-3.92	19.44	3	Horizontal	36	1.10	-	27.80	2.84	-

VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

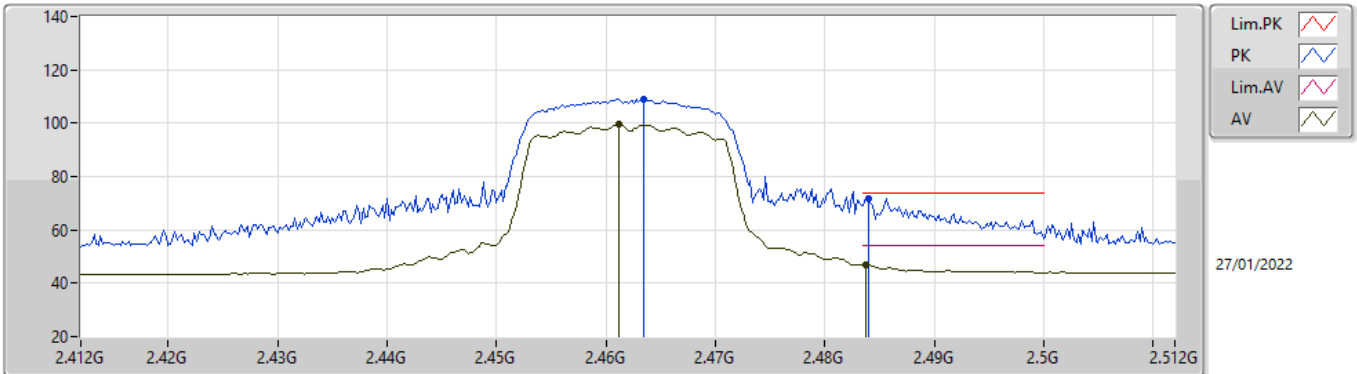


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4644G	113.15	Inf	-Inf	82.63	3	Vertical	187	1.80	-	27.69	2.83	-	
AV	2.4642G	103.07	Inf	-Inf	72.55	3	Vertical	187	1.80	-	27.69	2.83	-	
PK	2.4838G	73.76	74.00	-0.24	43.12	3	Vertical	187	1.80	-	27.80	2.84	-	
AV	2.4838G	49.66	54.00	-4.34	19.02	3	Vertical	187	1.80	-	27.80	2.84	-	

VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

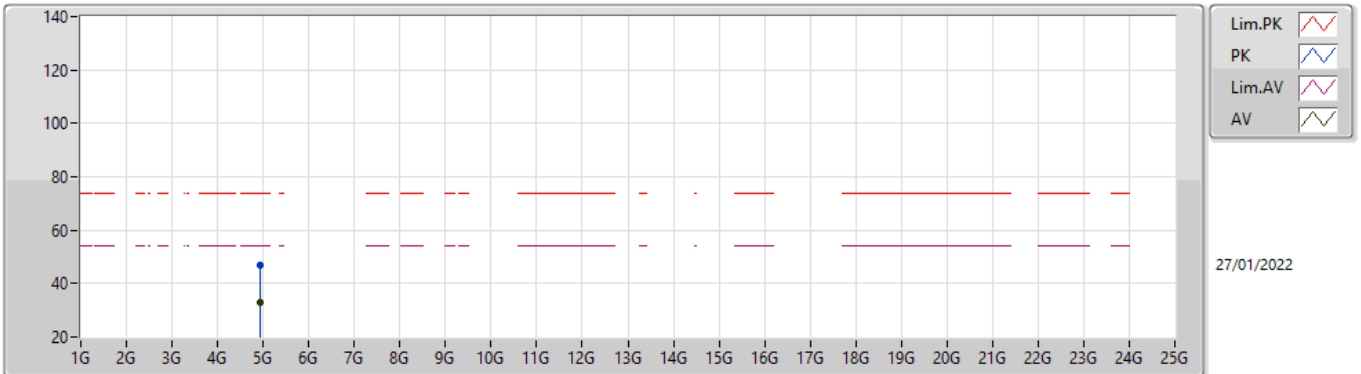


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4634G	109.07	Inf	-Inf	78.56	3	Horizontal	29	1.00	-	27.68	2.83	-
AV	2.4612G	99.54	Inf	-Inf	69.04	3	Horizontal	29	1.00	-	27.67	2.83	-
PK	2.484G	71.95	74.00	-2.05	41.31	3	Horizontal	29	1.00	-	27.80	2.84	-
AV	2.4838G	46.97	54.00	-7.03	16.33	3	Horizontal	29	1.00	-	27.80	2.84	-

VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

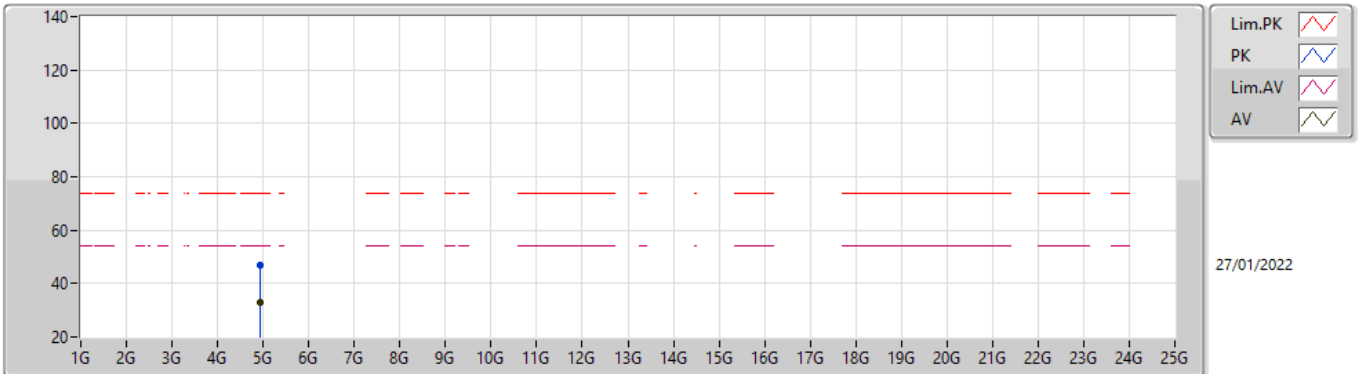


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92776G	46.71	74.00	-27.29	41.99	3	Vertical	15	1.40	-	33.06	4.86	33.20
AV	4.9236G	33.01	54.00	-20.99	28.30	3	Vertical	15	1.40	-	33.05	4.86	33.20

VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

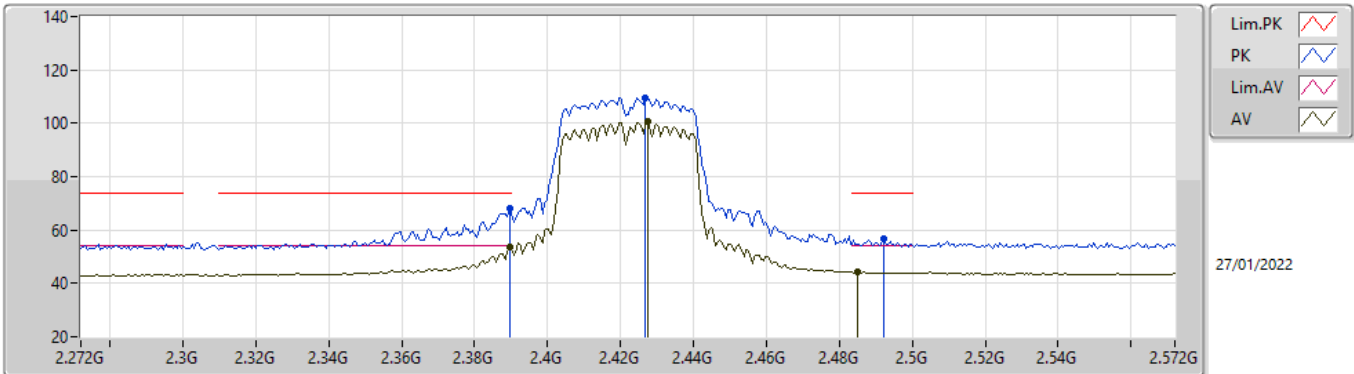


EUT Y_2TX
Setting 16.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92484G	46.65	74.00	-27.35	41.94	3	Horizontal	226	2.43	-	33.05	4.86	33.20
AV	4.92394G	32.91	54.00	-21.09	28.20	3	Horizontal	226	2.43	-	33.05	4.86	33.20

VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

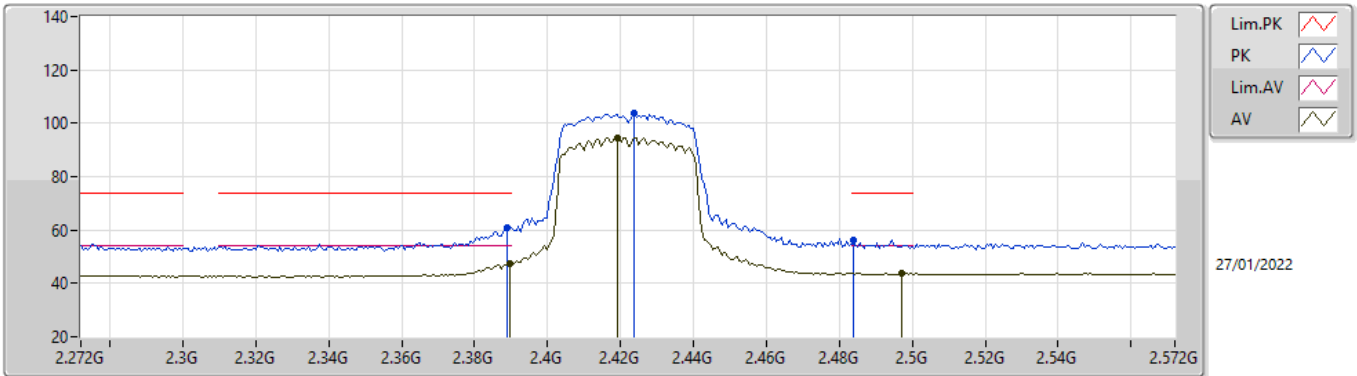


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	68.33	74.00	-5.67	38.06	3	Vertical	247	1.44	-	27.48	2.79	-
AV	2.3896G	53.51	54.00	-0.49	23.24	3	Vertical	247	1.44	-	27.48	2.79	-
PK	2.4268G	109.53	Inf	-Inf	79.17	3	Vertical	247	1.44	-	27.55	2.81	-
AV	2.4274G	100.52	Inf	-Inf	70.16	3	Vertical	247	1.44	-	27.55	2.81	-
PK	2.4922G	56.48	74.00	-17.52	25.78	3	Vertical	247	1.44	-	27.85	2.85	-
AV	2.485G	44.36	54.00	-9.64	13.71	3	Vertical	247	1.44	-	27.81	2.84	-

VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

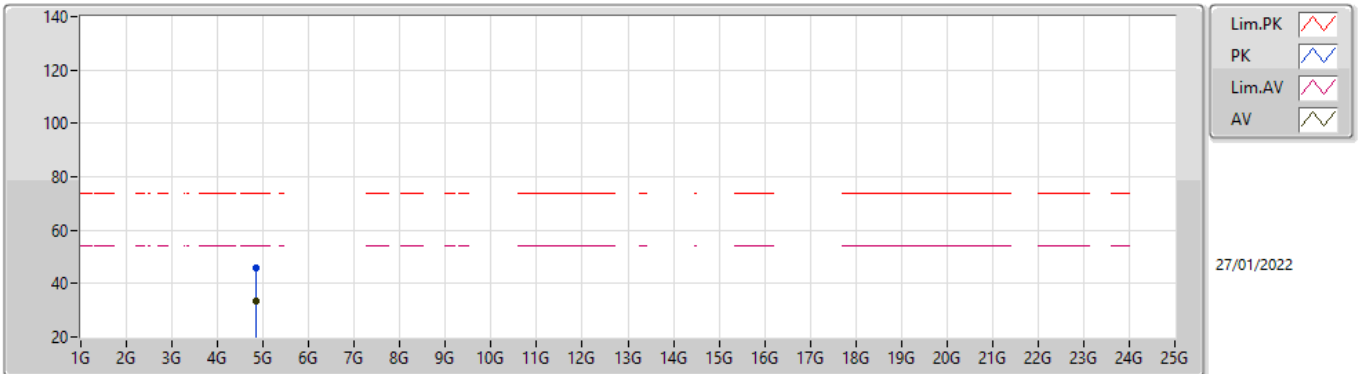


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	60.92	74.00	-13.08	30.65	3	Horizontal	31	1.00	-	27.48	2.79	-
AV	2.3896G	47.56	54.00	-6.44	17.29	3	Horizontal	31	1.00	-	27.48	2.79	-
PK	2.4238G	103.71	Inf	-Inf	73.35	3	Horizontal	31	1.00	-	27.55	2.81	-
AV	2.419G	94.64	Inf	-Inf	64.29	3	Horizontal	31	1.00	-	27.54	2.81	-
PK	2.4838G	56.37	74.00	-17.63	25.73	3	Horizontal	31	1.00	-	27.80	2.84	-
AV	2.497G	43.79	54.00	-10.21	13.06	3	Horizontal	31	1.00	-	27.88	2.85	-

VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

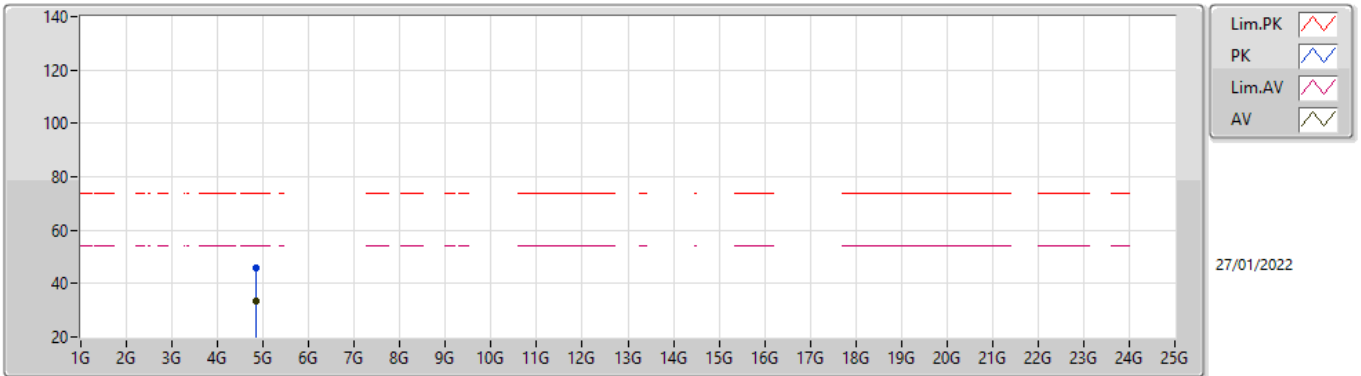


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84854G	45.96	74.00	-28.04	41.59	3	Vertical	165	2.77	-	32.79	4.82	33.24
AV	4.8466G	33.53	54.00	-20.47	29.16	3	Vertical	165	2.77	-	32.79	4.82	33.24

VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

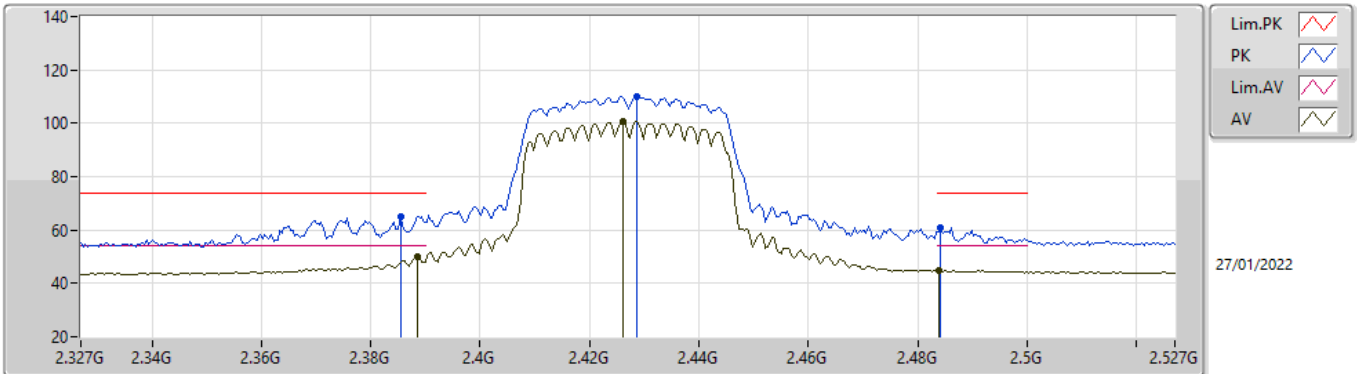


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.83946G	45.68	74.00	-28.32	41.34	3	Horizontal	101	2.37	-	32.76	4.82	33.24
AV	4.83902G	33.40	54.00	-20.60	29.06	3	Horizontal	101	2.37	-	32.76	4.82	33.24

VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

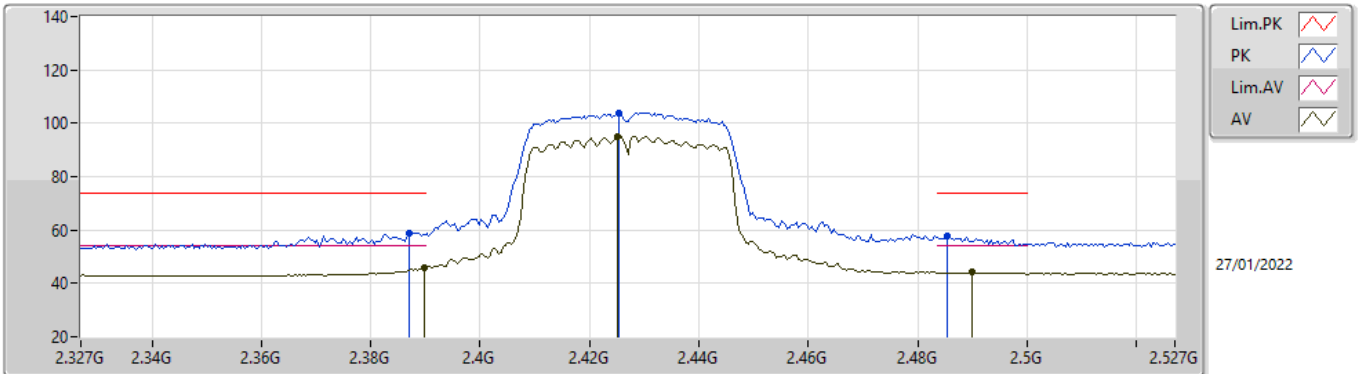


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3854G	64.91	74.00	-9.09	34.65	3	Vertical	252	1.79	-	27.47	2.79	-
AV	2.3886G	50.01	54.00	-3.99	19.74	3	Vertical	252	1.79	-	27.48	2.79	-
PK	2.4286G	109.92	Inf	-Inf	79.55	3	Vertical	252	1.79	-	27.56	2.81	-
AV	2.4262G	100.78	Inf	-Inf	70.42	3	Vertical	252	1.79	-	27.55	2.81	-
PK	2.4842G	60.89	74.00	-13.11	30.24	3	Vertical	252	1.79	-	27.81	2.84	-
AV	2.4838G	44.82	54.00	-9.18	14.18	3	Vertical	252	1.79	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

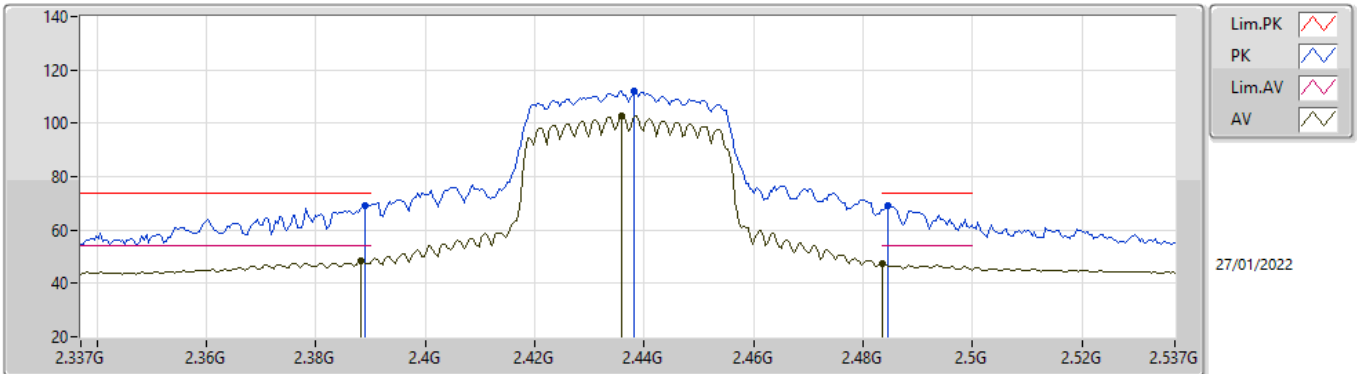


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.387G	58.99	74.00	-15.01	28.73	3	Horizontal	37	1.03	-	27.47	2.79	-
AV	2.3898G	45.87	54.00	-8.13	15.60	3	Horizontal	37	1.03	-	27.48	2.79	-
PK	2.4254G	103.90	Inf	-Inf	73.54	3	Horizontal	37	1.03	-	27.55	2.81	-
AV	2.425G	95.16	Inf	-Inf	64.80	3	Horizontal	37	1.03	-	27.55	2.81	-
PK	2.4854G	57.57	74.00	-16.43	26.92	3	Horizontal	37	1.03	-	27.81	2.84	-
AV	2.4898G	44.14	54.00	-9.86	13.46	3	Horizontal	37	1.03	-	27.84	2.84	-

VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

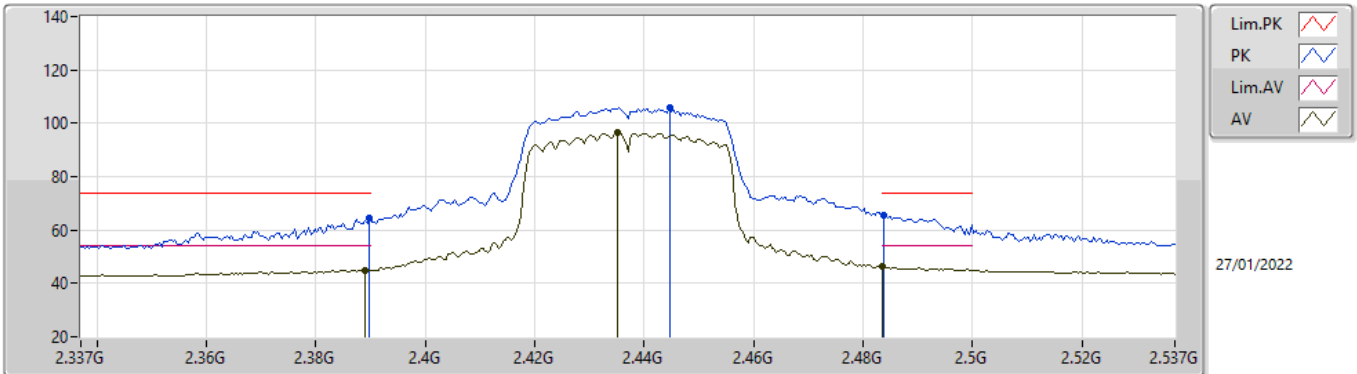


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	69.24	74.00	-4.76	38.97	3	Vertical	254	1.76	-	27.48	2.79	-
AV	2.3882G	48.65	54.00	-5.35	18.38	3	Vertical	254	1.76	-	27.48	2.79	-
PK	2.4382G	111.87	Inf	-Inf	81.47	3	Vertical	254	1.76	-	27.58	2.82	-
AV	2.4358G	102.69	Inf	-Inf	72.30	3	Vertical	254	1.76	-	27.57	2.82	-
PK	2.4846G	69.23	74.00	-4.77	38.58	3	Vertical	254	1.76	-	27.81	2.84	-
AV	2.4835G	47.47	54.00	-6.53	16.83	3	Vertical	254	1.76	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

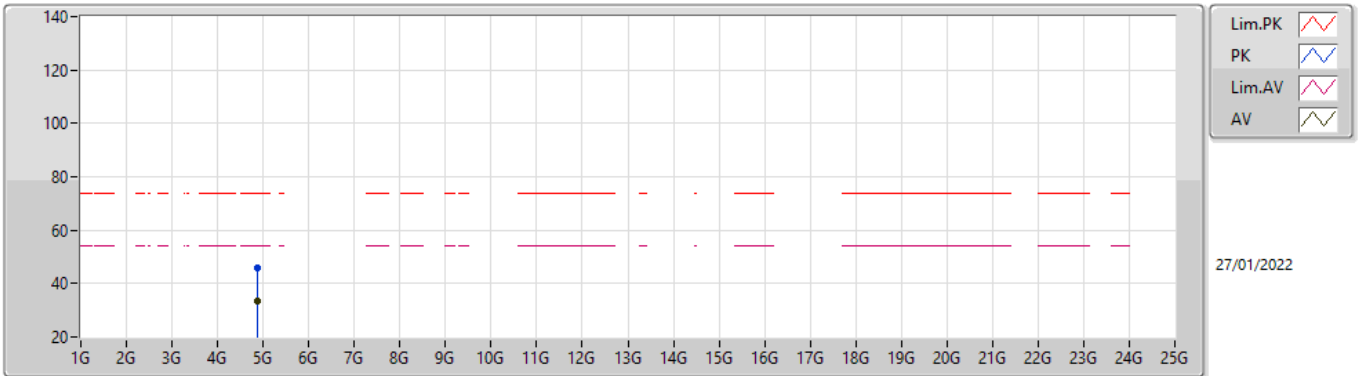


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	64.68	74.00	-9.32	34.41	3	Horizontal	40	1.17	-	27.48	2.79	-
AV	2.389G	45.04	54.00	-8.96	14.77	3	Horizontal	40	1.17	-	27.48	2.79	-
PK	2.4446G	105.73	Inf	-Inf	75.32	3	Horizontal	40	1.17	-	27.59	2.82	-
AV	2.435G	96.46	Inf	-Inf	66.07	3	Horizontal	40	1.17	-	27.57	2.82	-
PK	2.4838G	65.59	74.00	-8.41	34.95	3	Horizontal	40	1.17	-	27.80	2.84	-
AV	2.4835G	46.14	54.00	-7.86	15.50	3	Horizontal	40	1.17	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

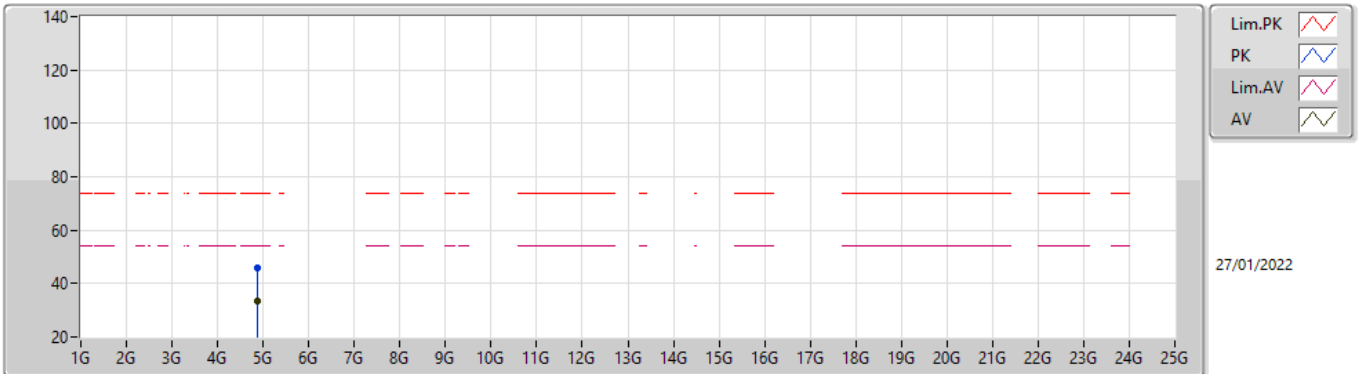


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86946G	46.03	74.00	-27.97	41.55	3	Vertical	112	1.54	-	32.88	4.83	33.23
AV	4.87602G	33.55	54.00	-20.45	29.03	3	Vertical	112	1.54	-	32.90	4.84	33.22

VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

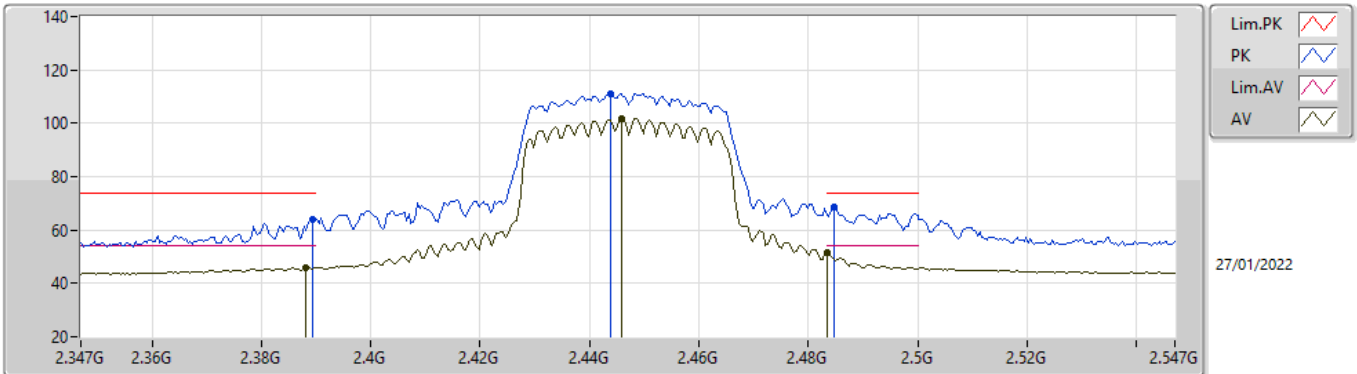


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8781G	45.95	74.00	-28.05	41.42	3	Horizontal	304	1.82	-	32.91	4.84	33.22
AV	4.87474G	33.53	54.00	-20.47	29.02	3	Horizontal	304	1.82	-	32.90	4.84	33.23

VHT40_Nss1,(MCS0)_2TX

2447MHz_TX

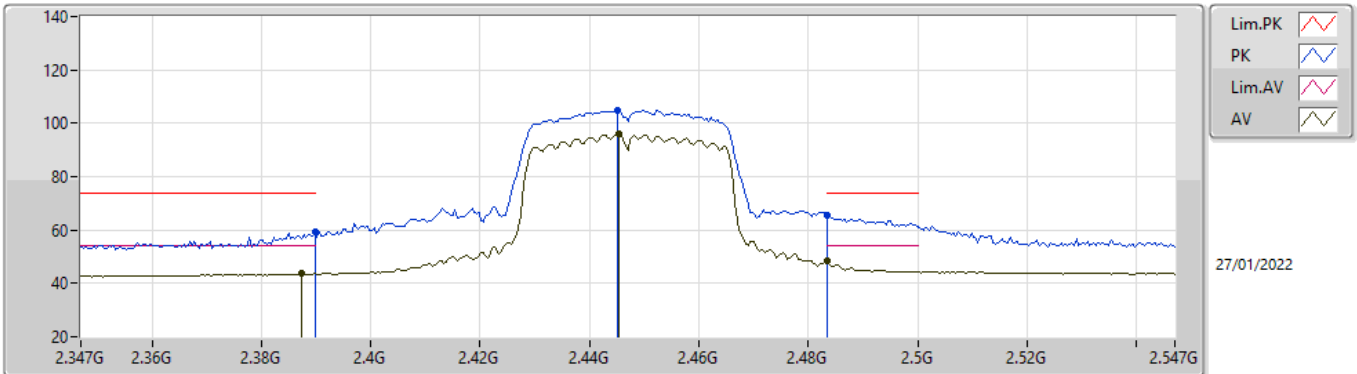


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3894G	64.09	74.00	-9.91	33.82	3	Vertical	251	1.00	-	27.48	2.79	-
AV	2.3882G	45.96	54.00	-8.04	15.69	3	Vertical	251	1.00	-	27.48	2.79	-
PK	2.4438G	111.13	Inf	-Inf	80.72	3	Vertical	251	1.00	-	27.59	2.82	-
AV	2.4458G	101.94	Inf	-Inf	71.53	3	Vertical	251	1.00	-	27.59	2.82	-
PK	2.4846G	68.66	74.00	-5.34	38.01	3	Vertical	251	1.00	-	27.81	2.84	-
AV	2.4835G	51.50	54.00	-2.50	20.86	3	Vertical	251	1.00	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2447MHz_TX

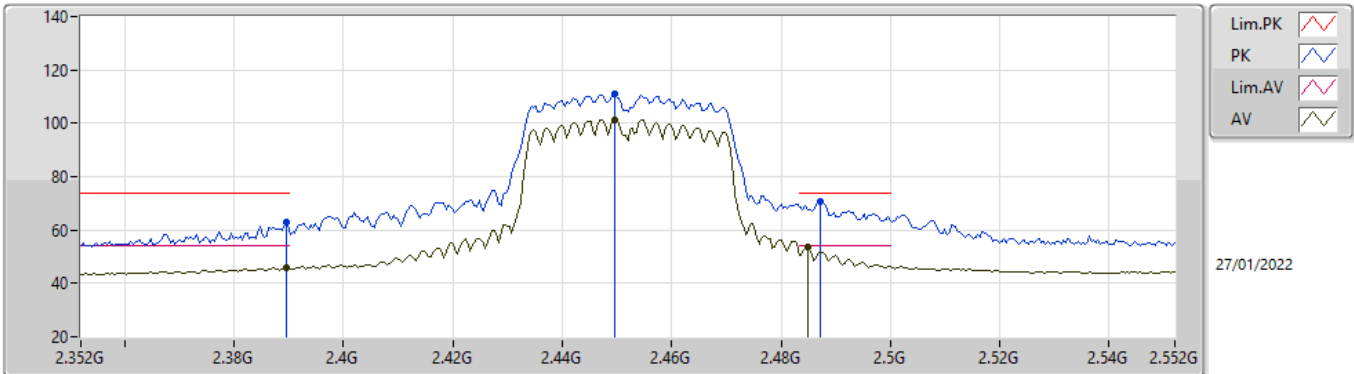


EUT_Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	59.16	74.00	-14.84	28.89	3	Horizontal	36	1.20	-	27.48	2.79	-
AV	2.3874G	43.66	54.00	-10.34	13.40	3	Horizontal	36	1.20	-	27.47	2.79	-
PK	2.445G	104.84	Inf	-Inf	74.43	3	Horizontal	36	1.20	-	27.59	2.82	-
AV	2.4454G	96.12	Inf	-Inf	65.71	3	Horizontal	36	1.20	-	27.59	2.82	-
PK	2.4835G	65.74	74.00	-8.26	35.10	3	Horizontal	36	1.20	-	27.80	2.84	-
AV	2.4835G	48.21	54.00	-5.79	17.57	3	Horizontal	36	1.20	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

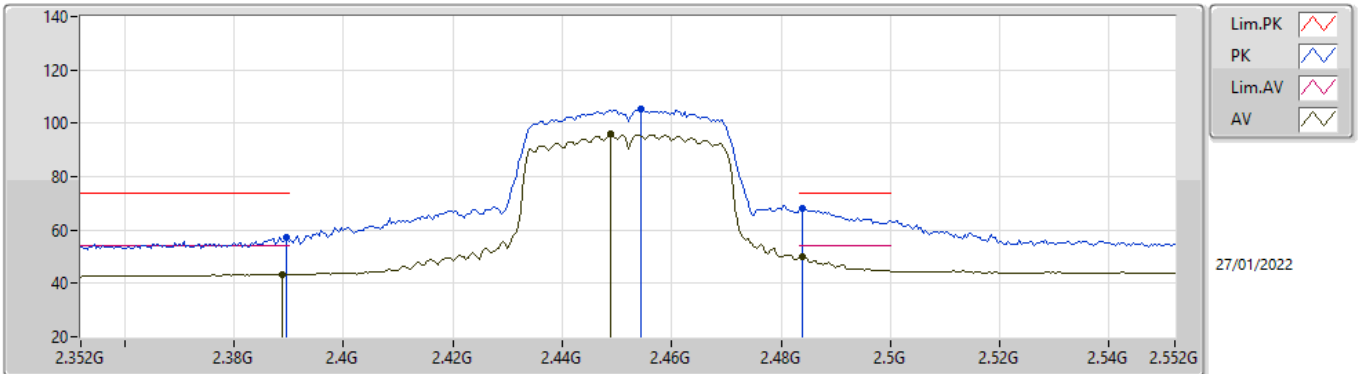


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	63.12	74.00	-10.88	32.85	3	Vertical	251	1.00	-	27.48	2.79	-
AV	2.3896G	46.05	54.00	-7.95	15.78	3	Vertical	251	1.00	-	27.48	2.79	-
PK	2.4496G	110.99	Inf	-Inf	80.57	3	Vertical	251	1.00	-	27.60	2.82	-
AV	2.4496G	101.43	Inf	-Inf	71.01	3	Vertical	251	1.00	-	27.60	2.82	-
PK	2.4872G	70.63	74.00	-3.37	39.97	3	Vertical	251	1.00	-	27.82	2.84	-
AV	2.4848G	53.52	54.00	-0.48	22.87	3	Vertical	251	1.00	-	27.81	2.84	-

VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

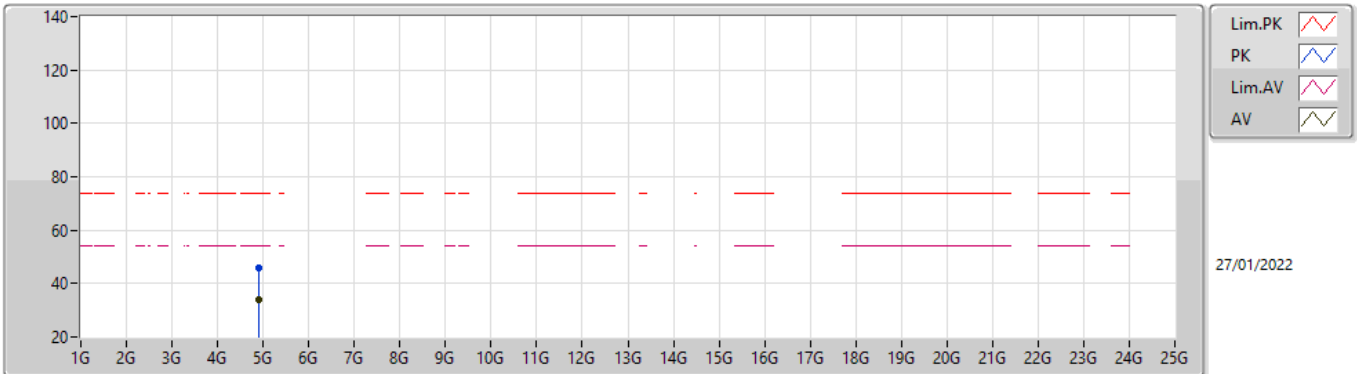


EUT_Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3896G	57.15	74.00	-16.85	26.88	3	Horizontal	28	1.00	-	27.48	2.79	-
AV	2.3888G	43.42	54.00	-10.58	13.15	3	Horizontal	28	1.00	-	27.48	2.79	-
PK	2.4544G	105.17	Inf	-Inf	74.71	3	Horizontal	28	1.00	-	27.63	2.83	-
AV	2.4488G	95.88	Inf	-Inf	65.46	3	Horizontal	28	1.00	-	27.60	2.82	-
PK	2.484G	67.97	74.00	-6.03	37.33	3	Horizontal	28	1.00	-	27.80	2.84	-
AV	2.484G	49.84	54.00	-4.16	19.20	3	Horizontal	28	1.00	-	27.80	2.84	-

VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

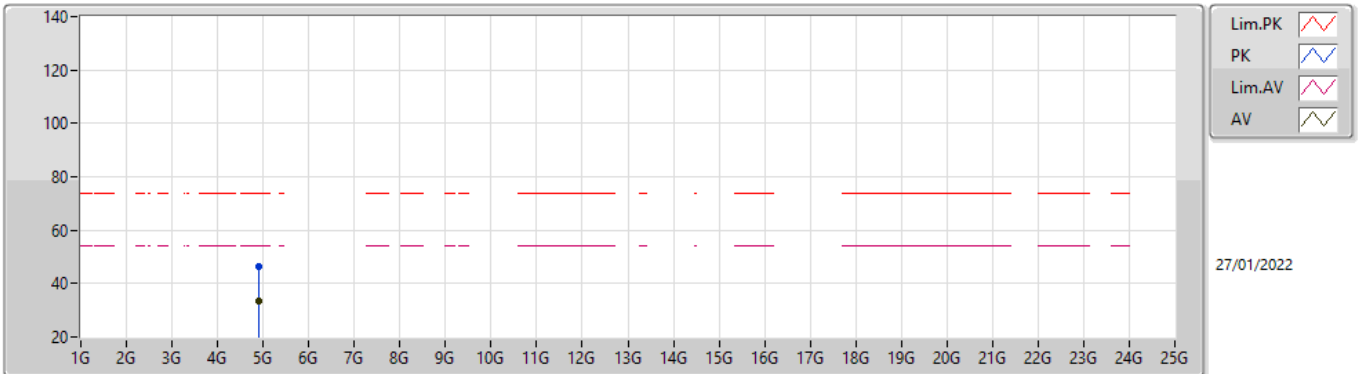


EUT Y_2TX
Setting 16
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.9026G	45.99	74.00	-28.01	41.34	3	Vertical	319	2.16	-	33.01	4.85	33.21	
AV	4.90798G	33.74	54.00	-20.26	29.08	3	Vertical	319	2.16	-	33.02	4.85	33.21	

VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

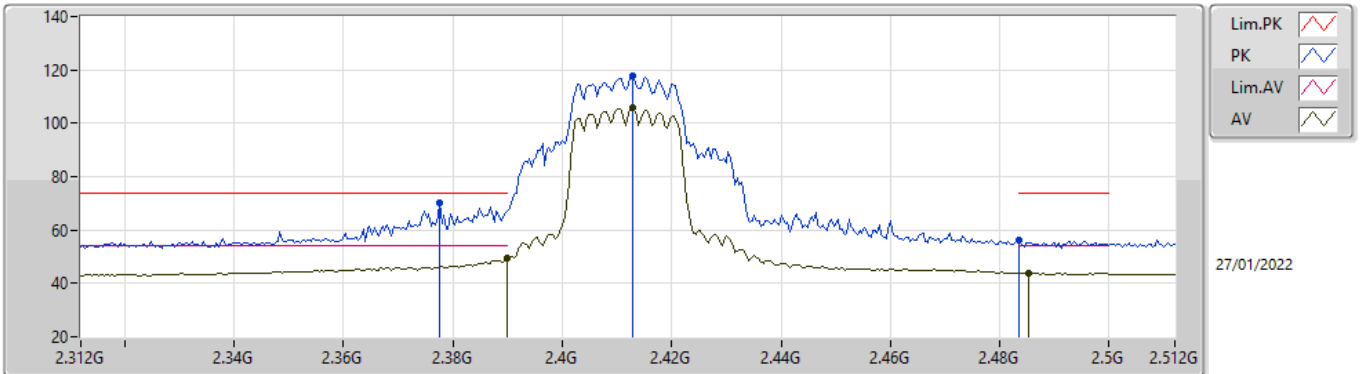


EUT Y_2TX
Setting 16
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90348G	46.18	74.00	-27.82	41.53	3	Horizontal	341	2.32	-	33.01	4.85	33.21
AV	4.90702G	33.63	54.00	-20.37	28.98	3	Horizontal	341	2.32	-	33.01	4.85	33.21

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

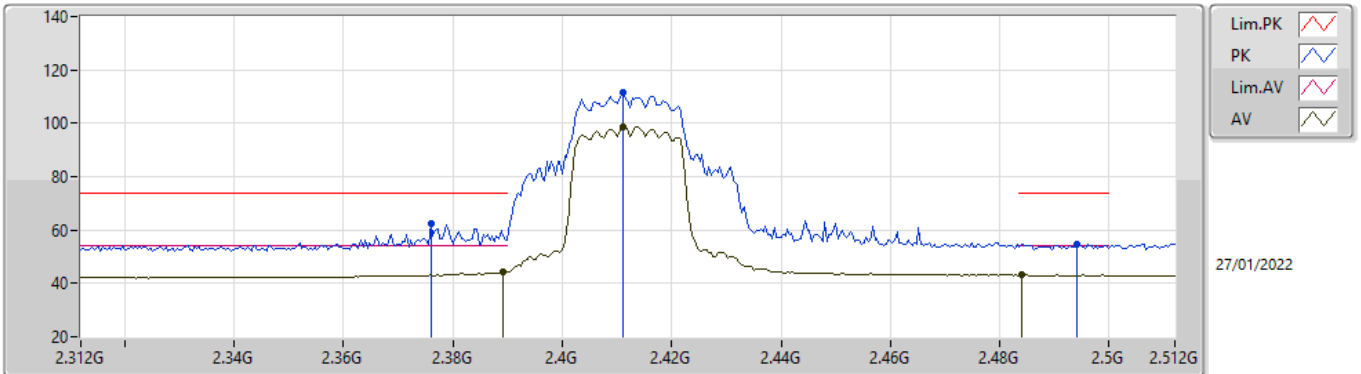


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3776G	70.19	74.00	-3.81	39.94	3	Vertical	230	1.02	-	27.46	2.79	-
AV	2.39G	49.62	54.00	-4.38	19.35	3	Vertical	230	1.02	-	27.48	2.79	-
PK	2.4128G	118.00	Inf	-Inf	87.66	3	Vertical	230	1.02	-	27.53	2.81	-
AV	2.4128G	105.65	Inf	-Inf	75.31	3	Vertical	230	1.02	-	27.53	2.81	-
PK	2.4835G	56.10	74.00	-17.90	25.46	3	Vertical	230	1.02	-	27.80	2.84	-
AV	2.4852G	43.75	54.00	-10.25	13.10	3	Vertical	230	1.02	-	27.81	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

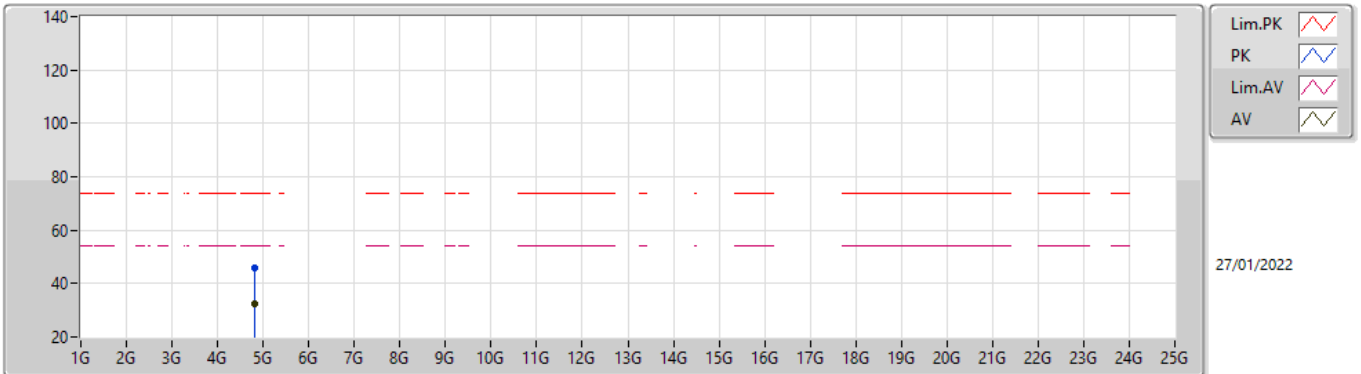


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.376G	62.57	74.00	-11.43	32.33	3	Horizontal	36	1.01	-	27.45	2.79	-
AV	2.3892G	44.41	54.00	-9.59	14.14	3	Horizontal	36	1.01	-	27.48	2.79	-
PK	2.4112G	111.68	Inf	-Inf	81.35	3	Horizontal	36	1.01	-	27.52	2.81	-
AV	2.4112G	98.78	Inf	-Inf	68.45	3	Horizontal	36	1.01	-	27.52	2.81	-
PK	2.494G	54.72	74.00	-19.28	24.01	3	Horizontal	36	1.01	-	27.86	2.85	-
AV	2.484G	43.24	54.00	-10.76	12.60	3	Horizontal	36	1.01	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

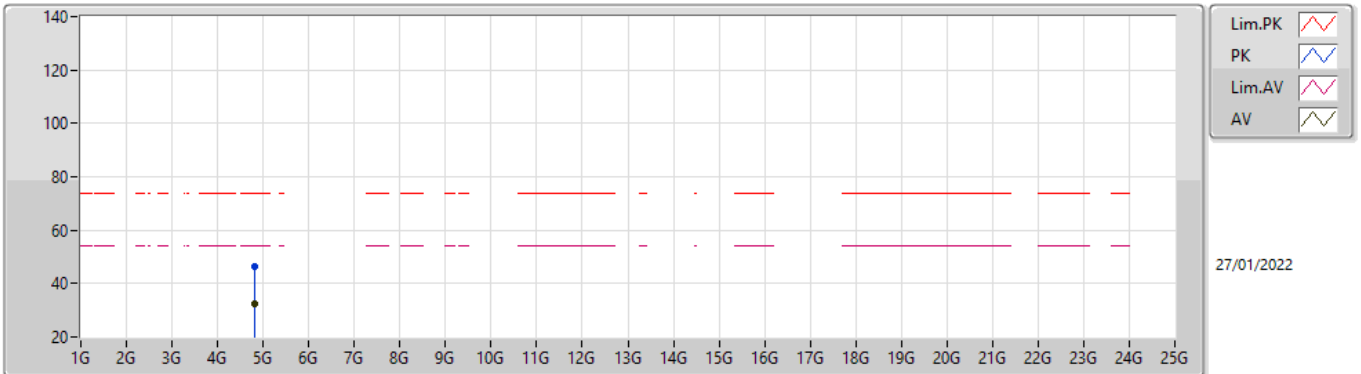


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8278G	46.07	74.00	-27.93	41.80	3	Vertical	237	2.53	-	32.71	4.81	33.25
AV	4.82554G	32.56	54.00	-21.44	28.30	3	Vertical	237	2.53	-	32.70	4.81	33.25

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

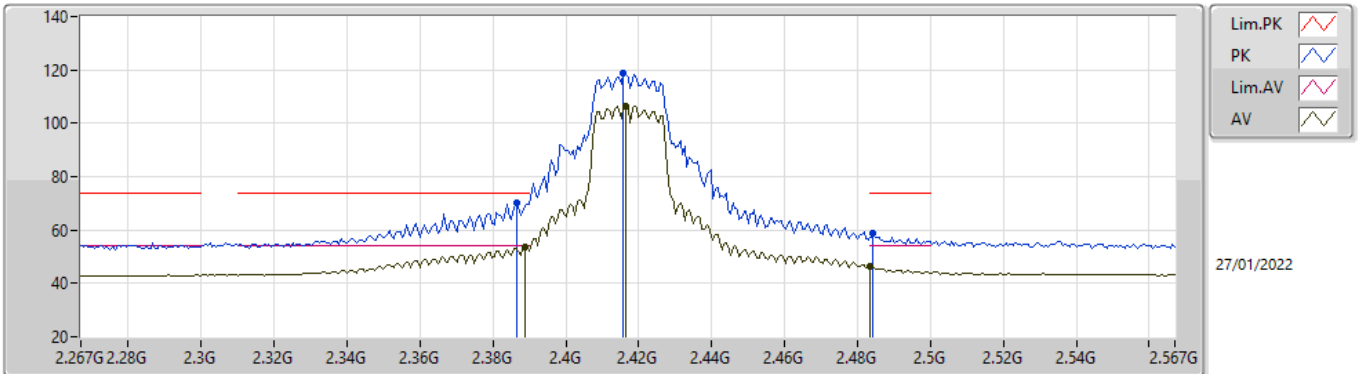


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82702G	46.44	74.00	-27.56	42.17	3	Horizontal	0	2.43	-	32.71	4.81	33.25
AV	4.82282G	32.46	54.00	-21.54	28.21	3	Horizontal	0	2.43	-	32.69	4.81	33.25

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

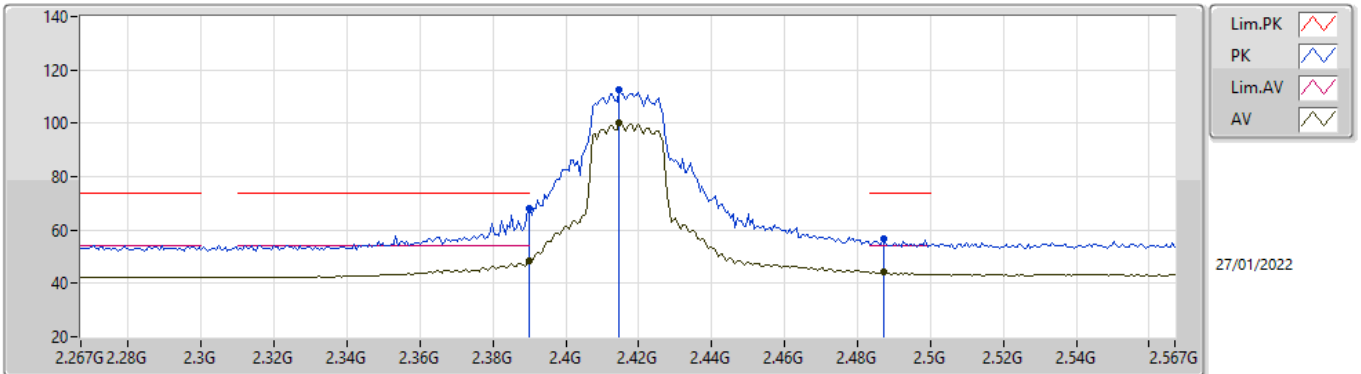


EUT Y_2TX
Setting 18.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3864G	70.32	74.00	-3.68	40.06	3	Vertical	234	1.02	-	27.47	2.79	-
AV	2.3888G	53.65	54.00	-0.35	23.38	3	Vertical	234	1.02	-	27.48	2.79	-
PK	2.4158G	118.58	Inf	-Inf	88.24	3	Vertical	234	1.02	-	27.53	2.81	-
AV	2.4164G	106.60	Inf	-Inf	76.26	3	Vertical	234	1.02	-	27.53	2.81	-
PK	2.4842G	58.77	74.00	-15.23	28.12	3	Vertical	234	1.02	-	27.81	2.84	-
AV	2.4835G	46.36	54.00	-7.64	15.72	3	Vertical	234	1.02	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

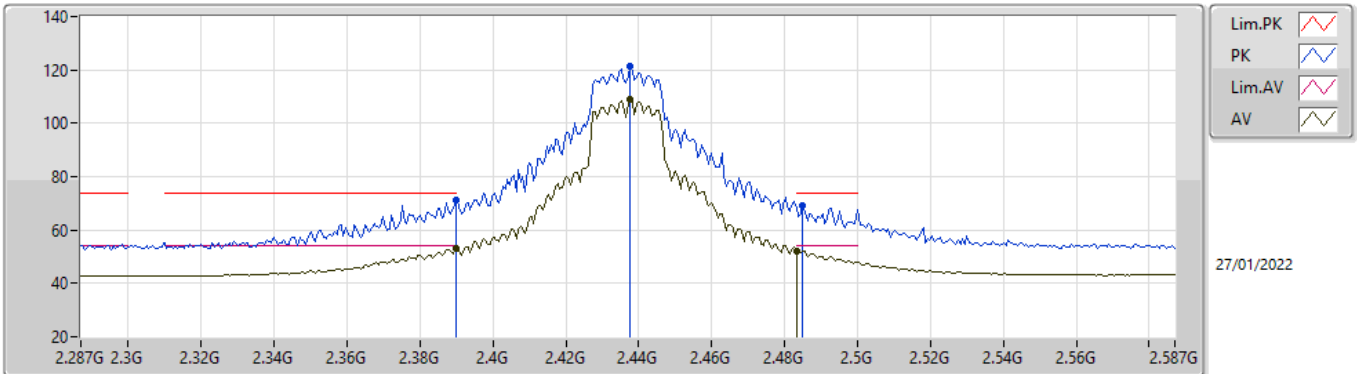


EUT Y_2TX
Setting 18.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	68.07	74.00	-5.93	37.80	3	Horizontal	30	1.00	-	27.48	2.79	-
AV	2.39G	48.52	54.00	-5.48	18.25	3	Horizontal	30	1.00	-	27.48	2.79	-
PK	2.4146G	112.63	Inf	-Inf	82.29	3	Horizontal	30	1.00	-	27.53	2.81	-
AV	2.4146G	99.98	Inf	-Inf	69.64	3	Horizontal	30	1.00	-	27.53	2.81	-
PK	2.4872G	56.72	74.00	-17.28	26.06	3	Horizontal	30	1.00	-	27.82	2.84	-
AV	2.4872G	44.15	54.00	-9.85	13.49	3	Horizontal	30	1.00	-	27.82	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

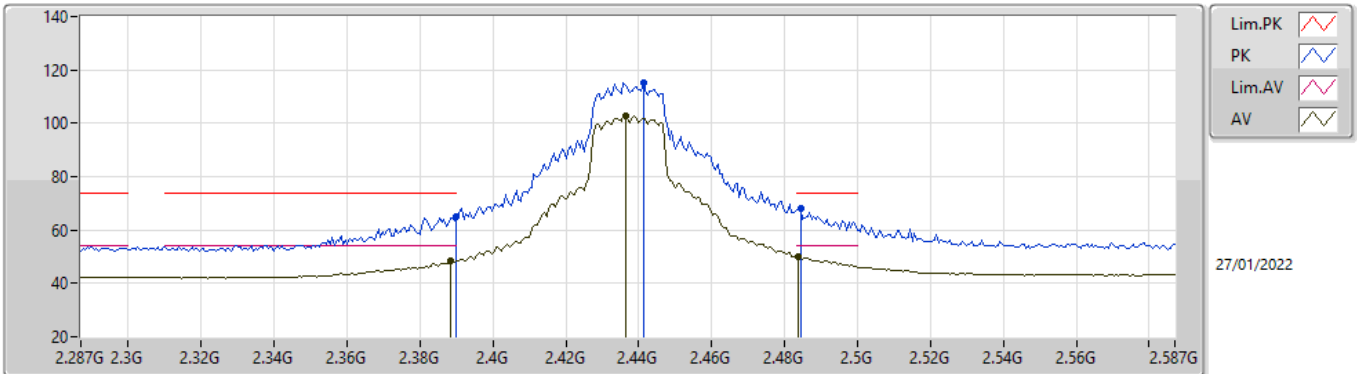


EUT Y_2TX
Setting 21.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	70.96	74.00	-3.04	40.69	3	Vertical	236	1.82	-	27.48	2.79	-
AV	2.39G	53.35	54.00	-0.65	23.08	3	Vertical	236	1.82	-	27.48	2.79	-
PK	2.4376G	121.28	Inf	-Inf	90.88	3	Vertical	236	1.82	-	27.58	2.82	-
AV	2.4376G	108.73	Inf	-Inf	78.33	3	Vertical	236	1.82	-	27.58	2.82	-
PK	2.485G	69.05	74.00	-4.95	38.40	3	Vertical	236	1.82	-	27.81	2.84	-
AV	2.4835G	52.16	54.00	-1.84	21.52	3	Vertical	236	1.82	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

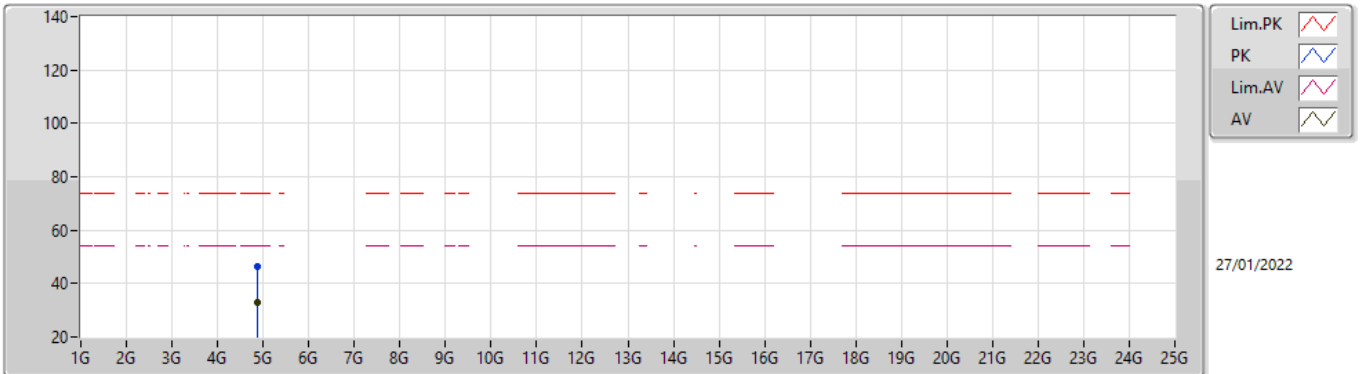


EUT Y_2TX
Setting 21.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	64.92	74.00	-9.08	34.65	3	Horizontal	31	1.19	-	27.48	2.79	-
AV	2.3884G	48.26	54.00	-5.74	17.99	3	Horizontal	31	1.19	-	27.48	2.79	-
PK	2.4412G	115.06	Inf	-Inf	84.66	3	Horizontal	31	1.19	-	27.58	2.82	-
AV	2.4364G	102.80	Inf	-Inf	72.41	3	Horizontal	31	1.19	-	27.57	2.82	-
PK	2.4844G	68.28	74.00	-5.72	37.63	3	Horizontal	31	1.19	-	27.81	2.84	-
AV	2.4838G	50.22	54.00	-3.78	19.58	3	Horizontal	31	1.19	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

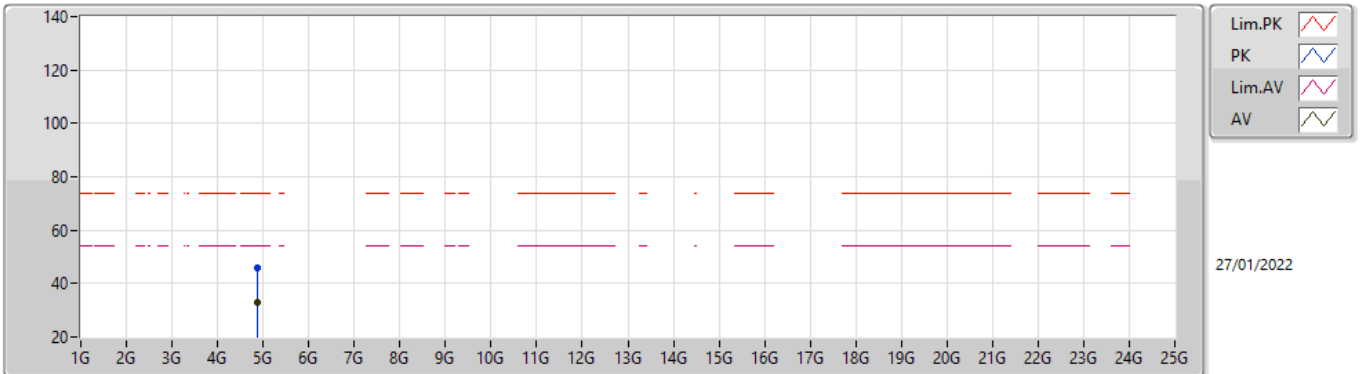


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87568G	46.63	74.00	-27.37	42.11	3	Vertical	262	1.13	-	32.90	4.84	33.22
AV	4.87316G	32.91	54.00	-21.09	28.41	3	Vertical	262	1.13	-	32.89	4.84	33.23

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

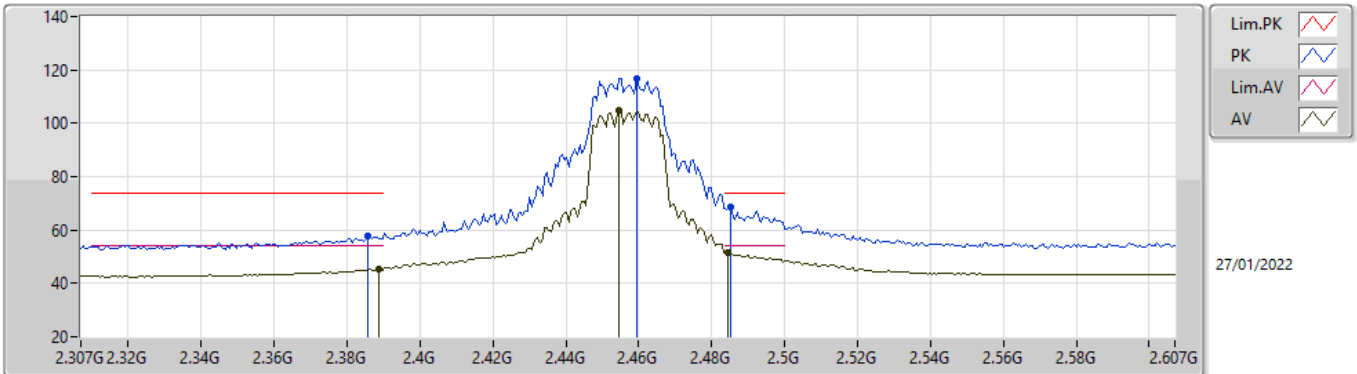


EUT Y_2TX
Setting 21.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.87282G	45.98	74.00	-28.02	41.48	3	Horizontal	128	2.68	-	32.89	4.84	33.23	
AV	4.87328G	32.90	54.00	-21.10	28.40	3	Horizontal	128	2.68	-	32.89	4.84	33.23	

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

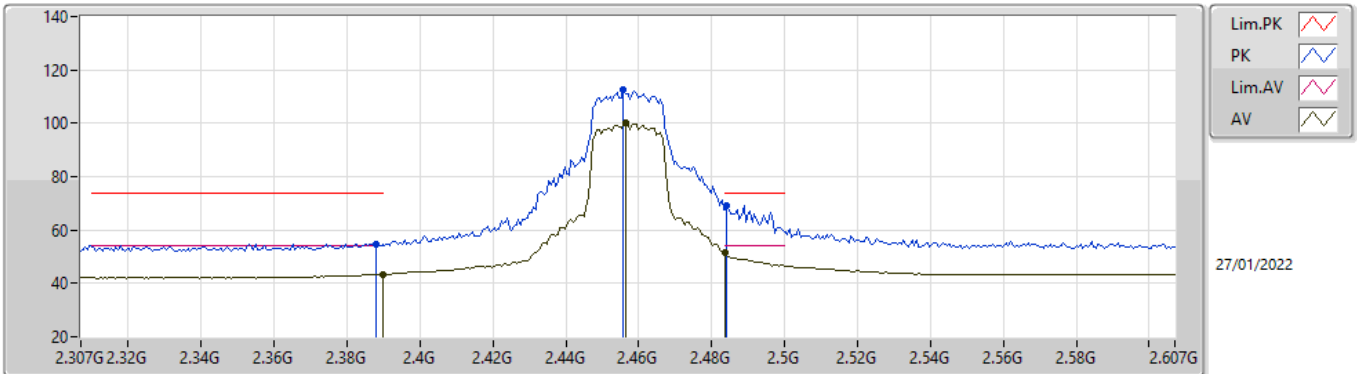


EUT Y_2TX
Setting 18.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3856G	57.78	74.00	-16.22	27.52	3	Vertical	252	1.93	-	27.47	2.79	-
AV	2.3886G	45.59	54.00	-8.41	15.32	3	Vertical	252	1.93	-	27.48	2.79	-
PK	2.4594G	116.73	Inf	-Inf	86.24	3	Vertical	252	1.93	-	27.66	2.83	-
AV	2.4546G	104.60	Inf	-Inf	74.14	3	Vertical	252	1.93	-	27.63	2.83	-
PK	2.4852G	68.49	74.00	-5.51	37.84	3	Vertical	252	1.93	-	27.81	2.84	-
AV	2.4846G	51.74	54.00	-2.26	21.09	3	Vertical	252	1.93	-	27.81	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

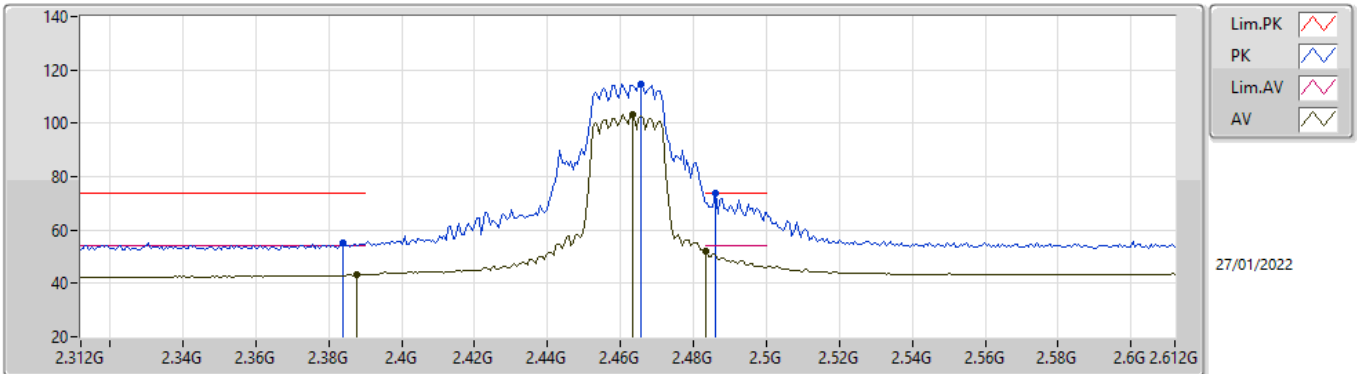


EUT Y_2TX
Setting 18.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.388G	54.73	74.00	-19.27	24.46	3	Horizontal	35	1.20	-	27.48	2.79	-
AV	2.3898G	43.39	54.00	-10.61	13.12	3	Horizontal	35	1.20	-	27.48	2.79	-
PK	2.4558G	112.54	Inf	-Inf	82.08	3	Horizontal	35	1.20	-	27.63	2.83	-
AV	2.4564G	100.07	Inf	-Inf	69.60	3	Horizontal	35	1.20	-	27.64	2.83	-
PK	2.484G	69.24	74.00	-4.76	38.60	3	Horizontal	35	1.20	-	27.80	2.84	-
AV	2.4835G	51.62	54.00	-2.38	20.98	3	Horizontal	35	1.20	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

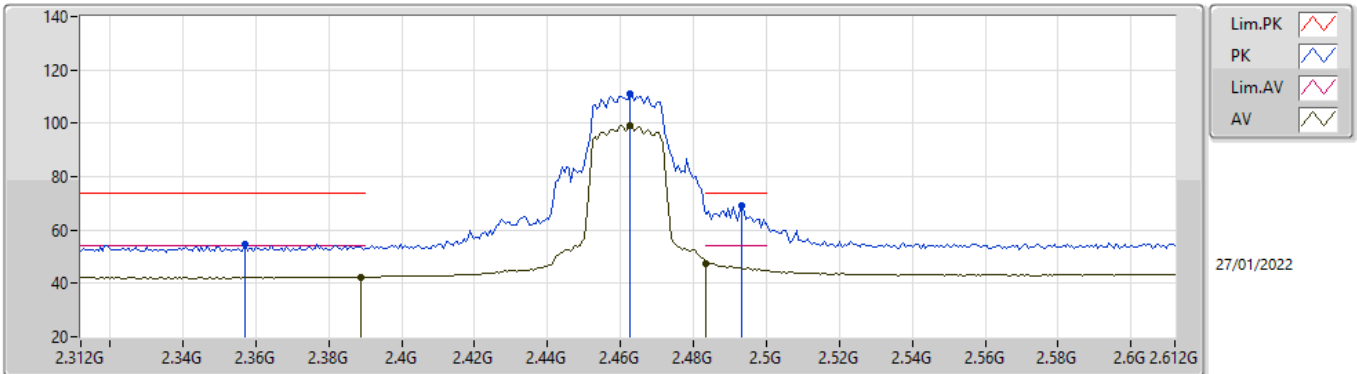


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.384G	55.26	74.00	-18.74	25.00	3	Vertical	182	1.80	-	27.47	2.79	-
AV	2.3876G	43.41	54.00	-10.59	13.14	3	Vertical	182	1.80	-	27.48	2.79	-
PK	2.4656G	114.73	Inf	-Inf	84.21	3	Vertical	182	1.80	-	27.69	2.83	-
AV	2.4632G	103.26	Inf	-Inf	72.75	3	Vertical	182	1.80	-	27.68	2.83	-
PK	2.486G	73.77	74.00	-0.23	43.11	3	Vertical	182	1.80	-	27.82	2.84	-
AV	2.4835G	52.13	54.00	-1.87	21.49	3	Vertical	182	1.80	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

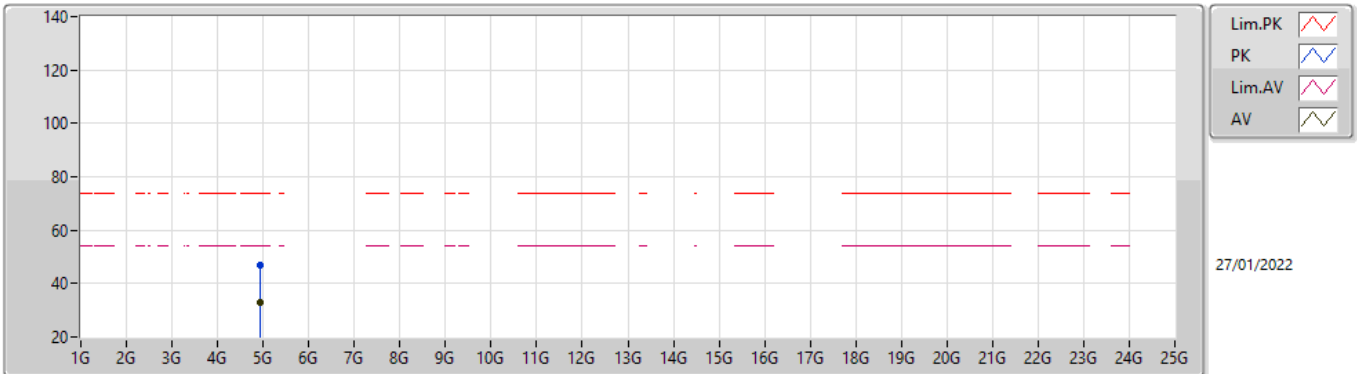


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.357G	54.89	74.00	-19.11	24.70	3	Horizontal	36	1.15	-	27.41	2.78	-
AV	2.3888G	42.39	54.00	-11.61	12.12	3	Horizontal	36	1.15	-	27.48	2.79	-
PK	2.4626G	110.97	Inf	-Inf	80.46	3	Horizontal	36	1.15	-	27.68	2.83	-
AV	2.4626G	99.18	Inf	-Inf	68.67	3	Horizontal	36	1.15	-	27.68	2.83	-
PK	2.4932G	69.08	74.00	-4.92	38.37	3	Horizontal	36	1.15	-	27.86	2.85	-
AV	2.4835G	47.55	54.00	-6.45	16.91	3	Horizontal	36	1.15	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

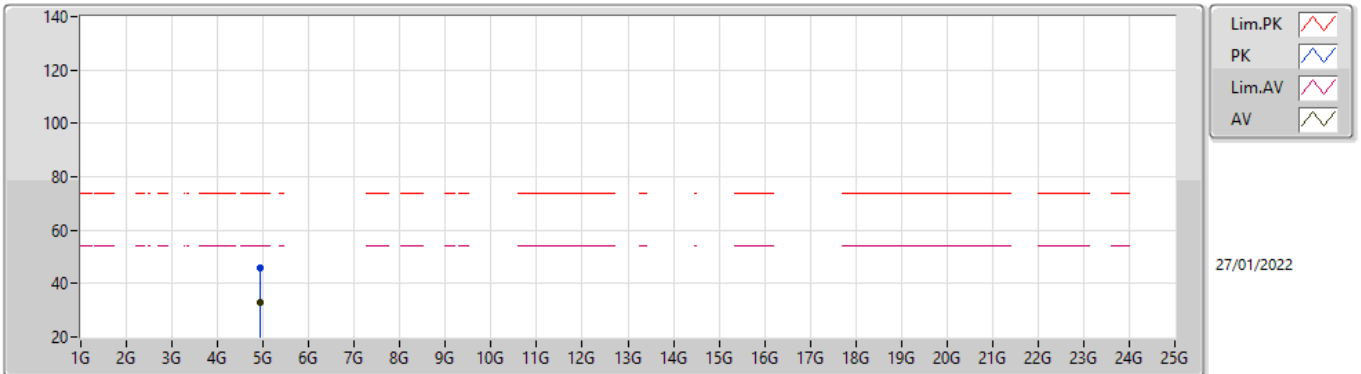


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92622G	46.66	74.00	-27.34	41.95	3	Vertical	3	1.37	-	33.05	4.86	33.20
AV	4.92394G	32.96	54.00	-21.04	28.25	3	Vertical	3	1.37	-	33.05	4.86	33.20

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

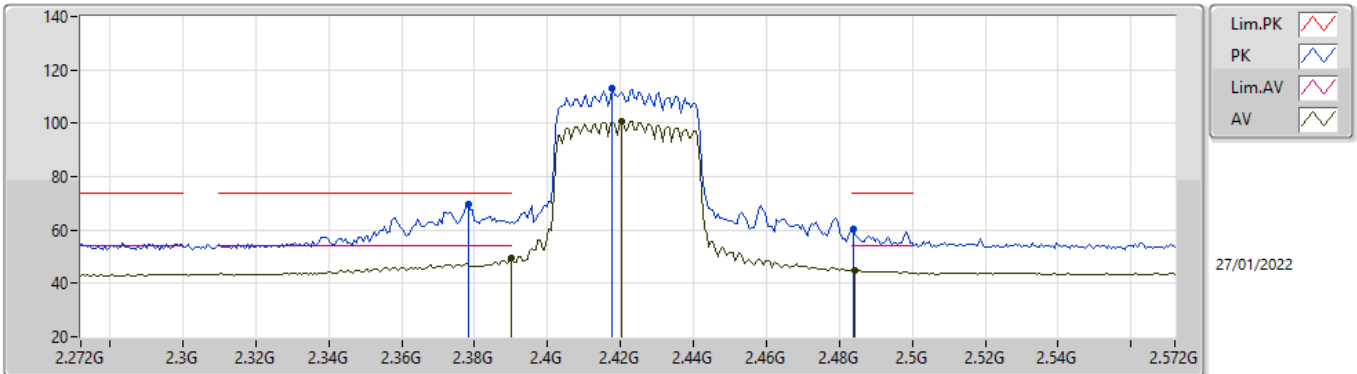


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.9211G	46.01	74.00	-27.99	41.31	3	Horizontal	342	1.33	-	33.04	4.86	33.20	
AV	4.92462G	32.86	54.00	-21.14	28.15	3	Horizontal	342	1.33	-	33.05	4.86	33.20	

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

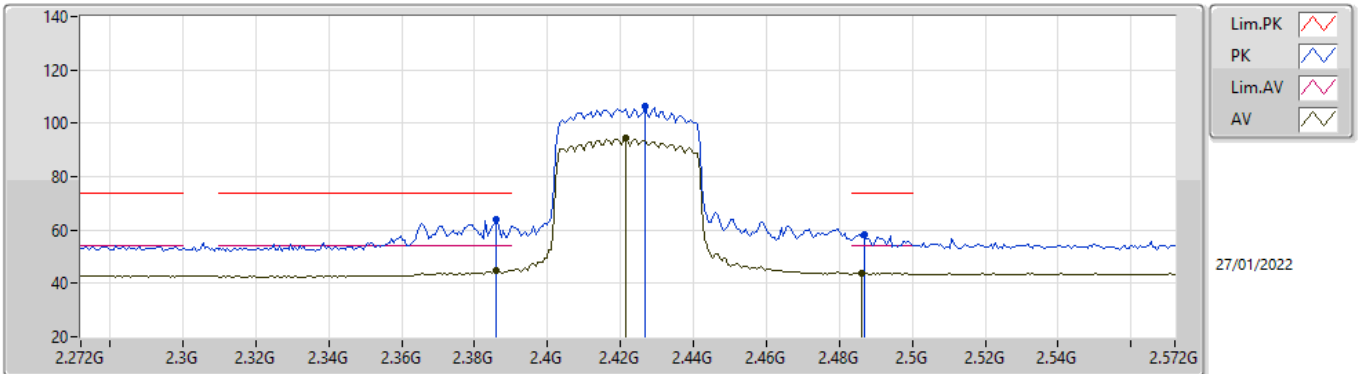


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3782G	69.58	74.00	-4.42	39.33	3	Vertical	230	1.23	-	27.46	2.79	-
AV	2.39G	49.37	54.00	-4.63	19.10	3	Vertical	230	1.23	-	27.48	2.79	-
PK	2.4178G	112.87	Inf	-Inf	82.52	3	Vertical	230	1.23	-	27.54	2.81	-
AV	2.4202G	100.71	Inf	-Inf	70.36	3	Vertical	230	1.23	-	27.54	2.81	-
PK	2.4838G	60.29	74.00	-13.71	29.65	3	Vertical	230	1.23	-	27.80	2.84	-
AV	2.4844G	44.89	54.00	-9.11	14.24	3	Vertical	230	1.23	-	27.81	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

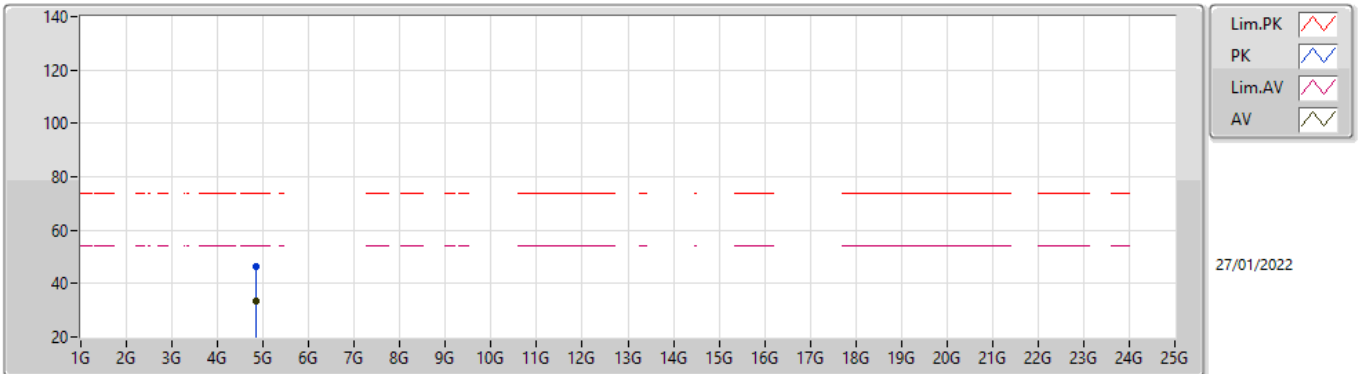


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.386G	64.04	74.00	-9.96	33.78	3	Horizontal	34	1.03	-	27.47	2.79	-	
AV	2.386G	44.85	54.00	-9.15	14.59	3	Horizontal	34	1.03	-	27.47	2.79	-	
PK	2.4268G	106.14	Inf	-Inf	75.78	3	Horizontal	34	1.03	-	27.55	2.81	-	
AV	2.4214G	94.38	Inf	-Inf	64.03	3	Horizontal	34	1.03	-	27.54	2.81	-	
PK	2.4868G	58.08	74.00	-15.92	27.42	3	Horizontal	34	1.03	-	27.82	2.84	-	
AV	2.4862G	43.78	54.00	-10.22	13.12	3	Horizontal	34	1.03	-	27.82	2.84	-	

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

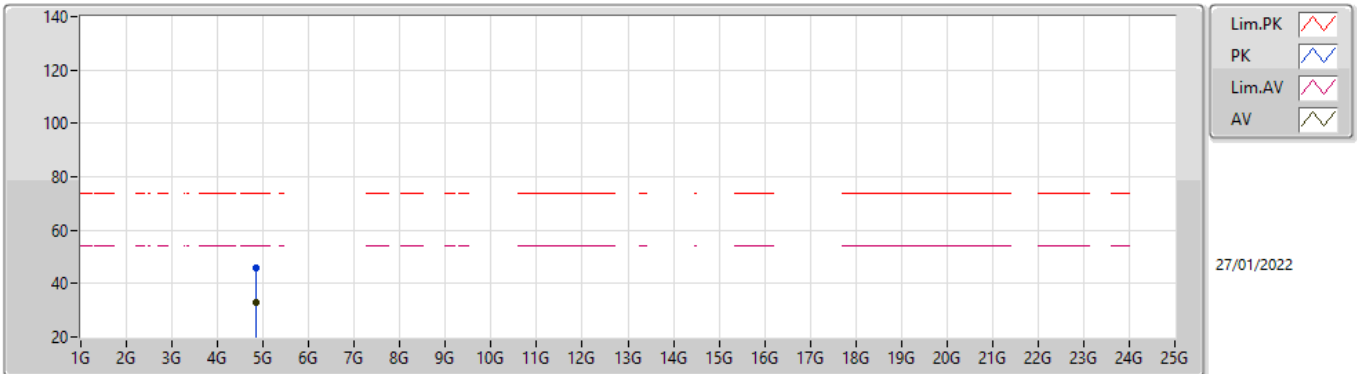


EUT Y_2TX
Setting 15.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8449G	46.32	74.00	-27.68	41.96	3	Vertical	251	1.45	-	32.78	4.82	33.24
AV	4.84424G	33.27	54.00	-20.73	28.91	3	Vertical	251	1.45	-	32.78	4.82	33.24

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

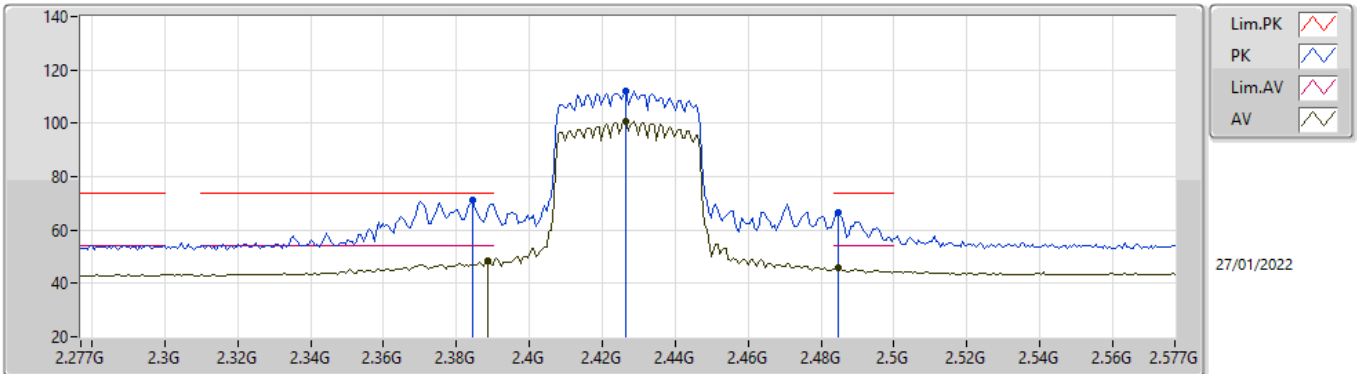


EUT Y_2TX
Setting 15.5
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8412G	45.77	74.00	-28.23	41.43	3	Horizontal	351	1.18	-	32.76	4.82	33.24
AV	4.84836G	33.18	54.00	-20.82	28.81	3	Horizontal	351	1.18	-	32.79	4.82	33.24

802.11ax HEW40_Nss1,(MCS0)_2TX

2427MHz_TX

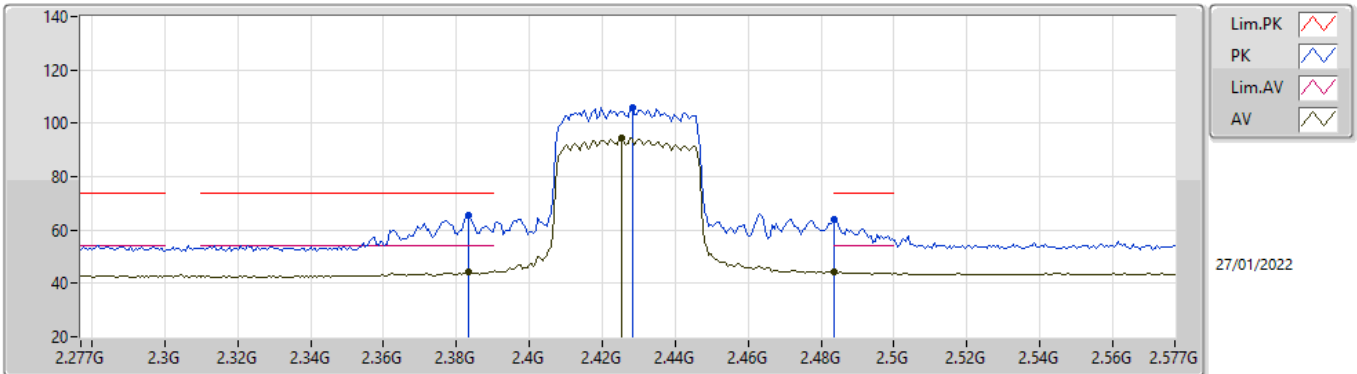


EUT Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3844G	70.98	74.00	-3.02	40.72	3	Vertical	249	1.45	-	27.47	2.79	-
AV	2.3886G	48.51	54.00	-5.49	18.24	3	Vertical	249	1.45	-	27.48	2.79	-
PK	2.4264G	112.17	Inf	-Inf	81.81	3	Vertical	249	1.45	-	27.55	2.81	-
AV	2.4264G	100.67	Inf	-Inf	70.31	3	Vertical	249	1.45	-	27.55	2.81	-
PK	2.4846G	66.67	74.00	-7.33	36.02	3	Vertical	249	1.45	-	27.81	2.84	-
AV	2.4846G	46.07	54.00	-7.93	15.42	3	Vertical	249	1.45	-	27.81	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2427MHz_TX

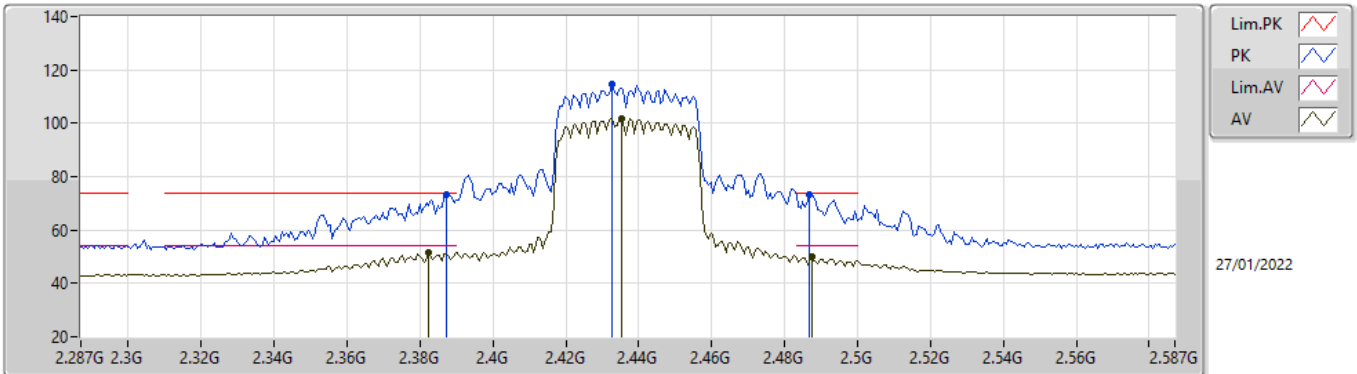


EUT_Y_2TX
Setting 15.5
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3832G	65.72	74.00	-8.28	35.46	3	Horizontal	31	1.00	-	27.47	2.79	-
AV	2.3832G	44.19	54.00	-9.81	13.93	3	Horizontal	31	1.00	-	27.47	2.79	-
PK	2.4282G	106.10	Inf	-Inf	75.73	3	Horizontal	31	1.00	-	27.56	2.81	-
AV	2.4252G	94.48	Inf	-Inf	64.12	3	Horizontal	31	1.00	-	27.55	2.81	-
PK	2.4835G	63.87	74.00	-10.13	33.23	3	Horizontal	31	1.00	-	27.80	2.84	-
AV	2.4835G	44.36	54.00	-9.64	13.72	3	Horizontal	31	1.00	-	27.80	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

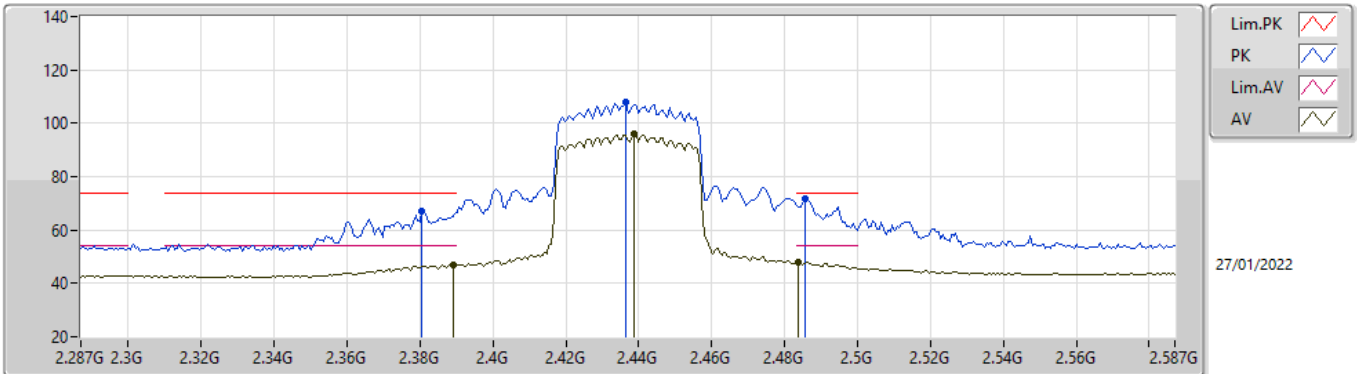


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3872G	73.17	74.00	-0.83	42.91	3	Vertical	240	1.46	-	27.47	2.79	-
AV	2.3824G	51.51	54.00	-2.49	21.26	3	Vertical	240	1.46	-	27.46	2.79	-
PK	2.4328G	114.77	Inf	-Inf	84.38	3	Vertical	240	1.46	-	27.57	2.82	-
AV	2.4352G	101.96	Inf	-Inf	71.57	3	Vertical	240	1.46	-	27.57	2.82	-
PK	2.4868G	73.11	74.00	-0.89	42.45	3	Vertical	240	1.46	-	27.82	2.84	-
AV	2.4874G	50.18	54.00	-3.82	19.52	3	Vertical	240	1.46	-	27.82	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

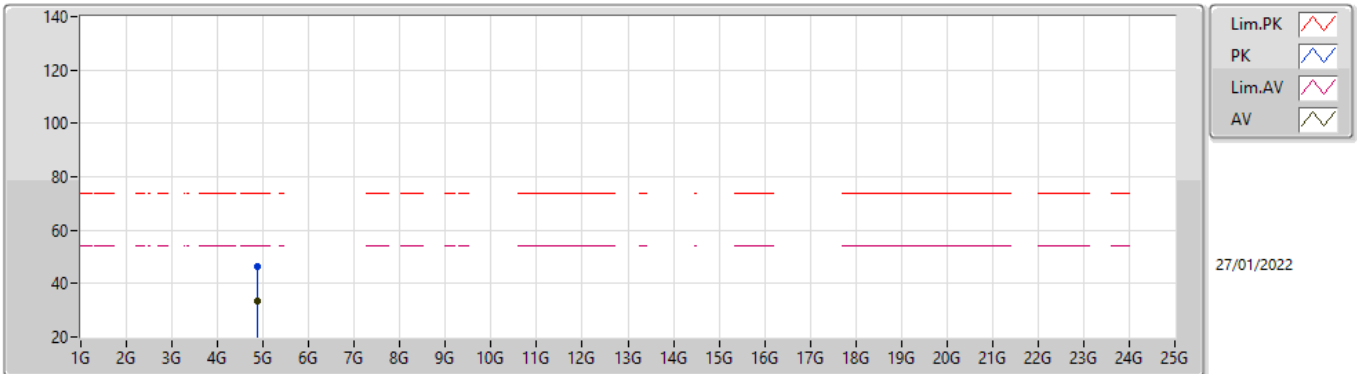


EUT Y_2TX
Setting 17
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3806G	67.18	74.00	-6.82	36.93	3	Horizontal	32	1.36	-	27.46	2.79	-
AV	2.389G	46.93	54.00	-7.07	16.66	3	Horizontal	32	1.36	-	27.48	2.79	-
PK	2.4364G	107.81	Inf	-Inf	77.42	3	Horizontal	32	1.36	-	27.57	2.82	-
AV	2.4388G	95.95	Inf	-Inf	65.55	3	Horizontal	32	1.36	-	27.58	2.82	-
PK	2.4856G	71.88	74.00	-2.12	41.23	3	Horizontal	32	1.36	-	27.81	2.84	-
AV	2.4838G	48.06	54.00	-5.94	17.42	3	Horizontal	32	1.36	-	27.80	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

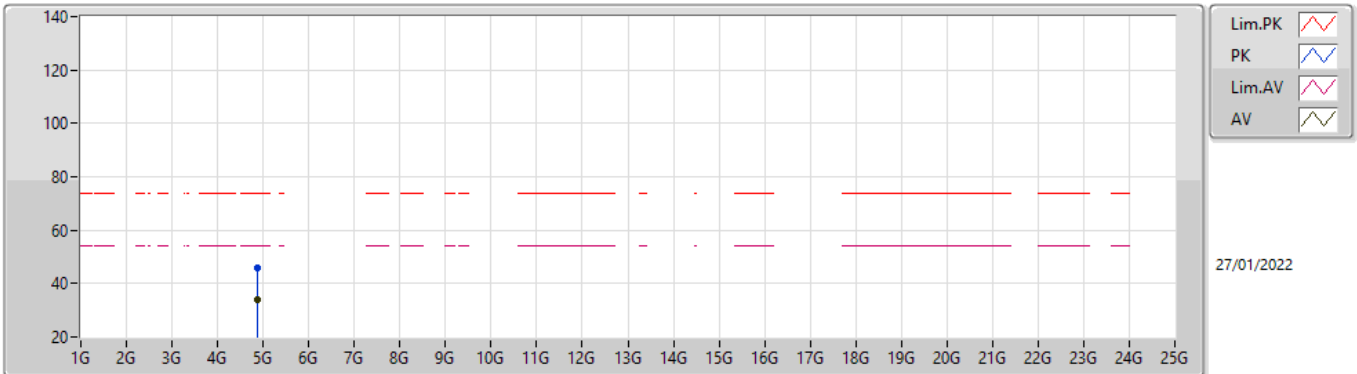


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87482G	46.46	74.00	-27.54	41.95	3	Vertical	275	2.58	-	32.90	4.84	33.23
AV	4.87716G	33.45	54.00	-20.55	28.92	3	Vertical	275	2.58	-	32.91	4.84	33.22

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

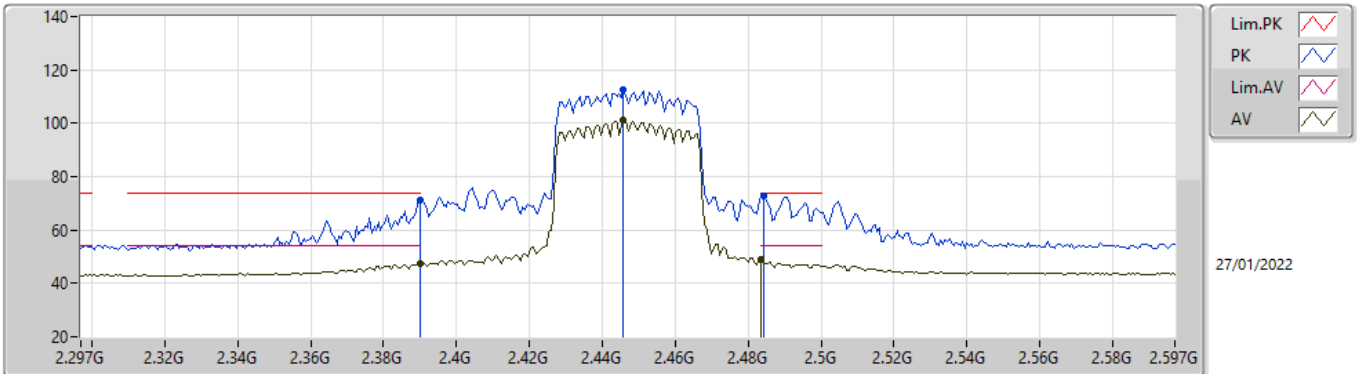


EUT Y_2TX
Setting 17
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87552G	46.00	74.00	-28.00	41.48	3	Horizontal	34	1.09	-	32.90	4.84	33.22
AV	4.87352G	33.85	54.00	-20.15	29.35	3	Horizontal	34	1.09	-	32.89	4.84	33.23

802.11ax HEW40_Nss1,(MCS0)_2TX

2447MHz_TX

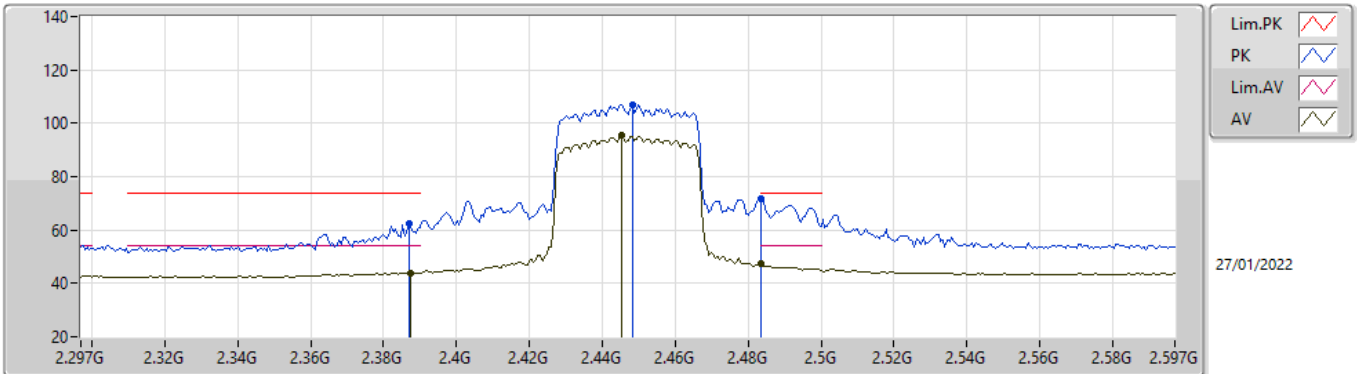


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.39G	71.37	74.00	-2.63	41.10	3	Vertical	253	1.00	-	27.48	2.79	-	
AV	2.39G	47.23	54.00	-6.77	16.96	3	Vertical	253	1.00	-	27.48	2.79	-	
PK	2.4458G	112.53	Inf	-Inf	82.12	3	Vertical	253	1.00	-	27.59	2.82	-	
AV	2.4458G	101.10	Inf	-Inf	70.69	3	Vertical	253	1.00	-	27.59	2.82	-	
PK	2.4842G	72.99	74.00	-1.01	42.34	3	Vertical	253	1.00	-	27.81	2.84	-	
AV	2.4835G	49.08	54.00	-4.92	18.44	3	Vertical	253	1.00	-	27.80	2.84	-	

802.11ax HEW40_Nss1,(MCS0)_2TX

2447MHz_TX

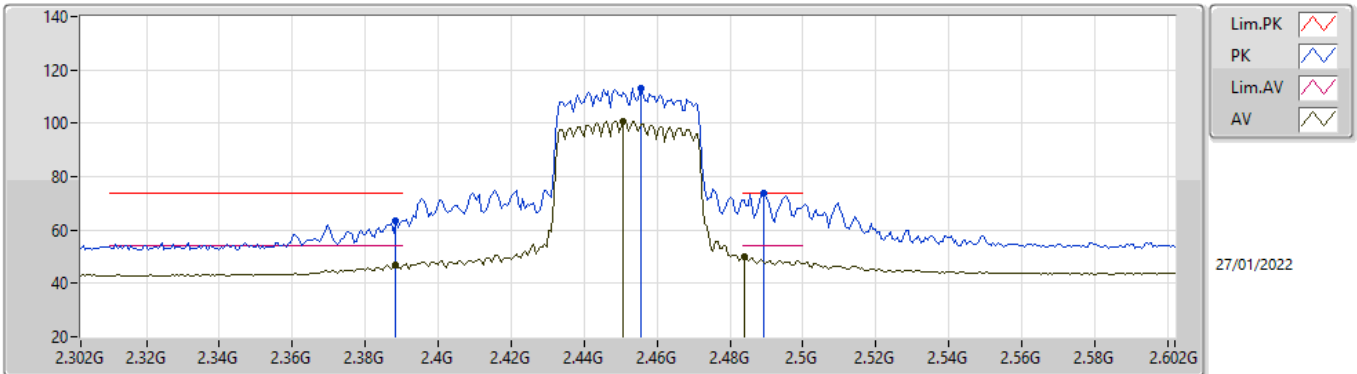


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.387G	62.29	74.00	-11.71	32.03	3	Horizontal	37	1.20	-	27.47	2.79	-
AV	2.3876G	44.05	54.00	-9.95	13.78	3	Horizontal	37	1.20	-	27.48	2.79	-
PK	2.4482G	107.08	Inf	-Inf	76.66	3	Horizontal	37	1.20	-	27.60	2.82	-
AV	2.4452G	95.35	Inf	-Inf	64.94	3	Horizontal	37	1.20	-	27.59	2.82	-
PK	2.4835G	71.67	74.00	-2.33	41.03	3	Horizontal	37	1.20	-	27.80	2.84	-
AV	2.4835G	47.21	54.00	-6.79	16.57	3	Horizontal	37	1.20	-	27.80	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

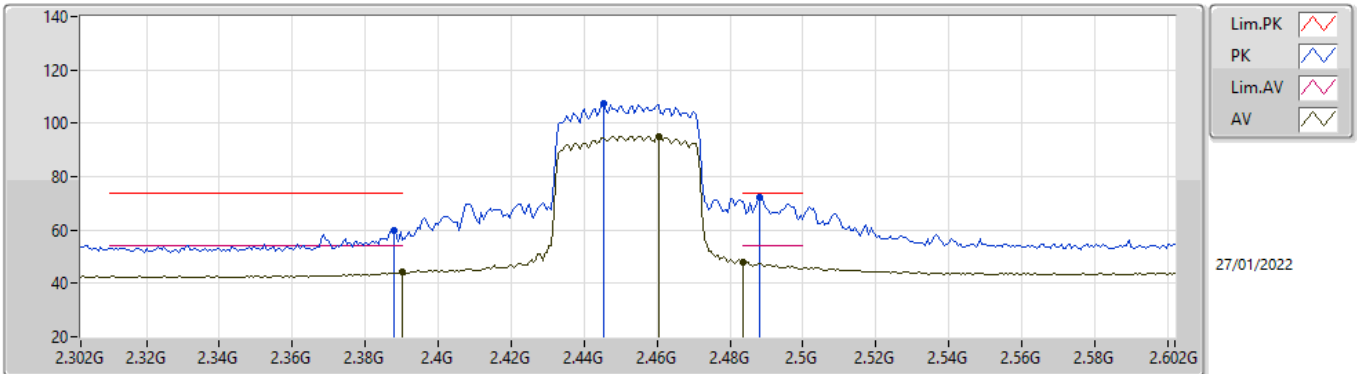


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3884G	63.58	74.00	-10.42	33.31	3	Vertical	246	1.00	-	27.48	2.79	-
AV	2.3884G	46.83	54.00	-7.17	16.56	3	Vertical	246	1.00	-	27.48	2.79	-
PK	2.4556G	113.20	Inf	-Inf	82.74	3	Vertical	246	1.00	-	27.63	2.83	-
AV	2.4508G	100.91	Inf	-Inf	70.48	3	Vertical	246	1.00	-	27.60	2.83	-
PK	2.4892G	73.92	74.00	-0.08	43.24	3	Vertical	246	1.00	-	27.84	2.84	-
AV	2.4838G	50.22	54.00	-3.78	19.58	3	Vertical	246	1.00	-	27.80	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

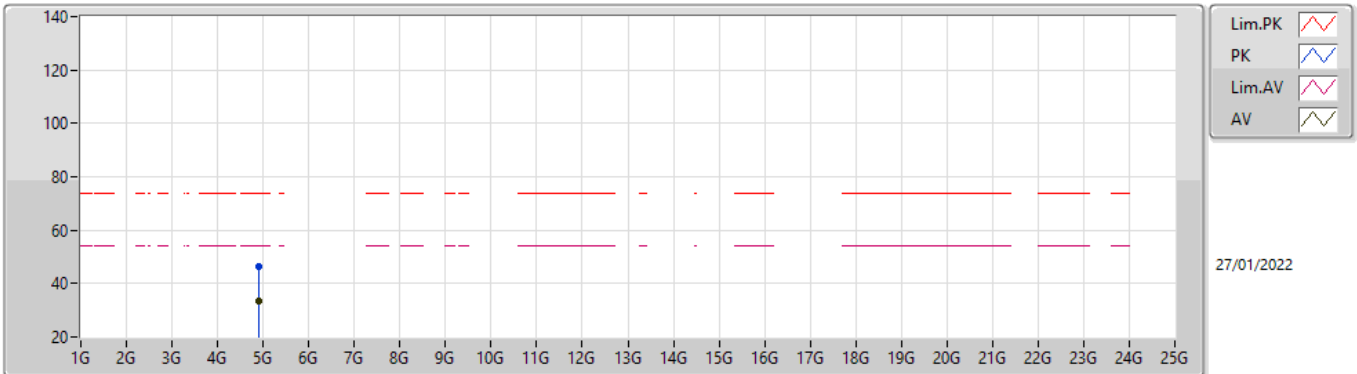


EUT Y_2TX
Setting 16
04-A-P-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3878G	59.75	74.00	-14.25	29.48	3	Horizontal	36	1.13	-	27.48	2.79	-
AV	2.39G	44.07	54.00	-9.93	13.80	3	Horizontal	36	1.13	-	27.48	2.79	-
PK	2.4454G	107.40	Inf	-Inf	76.99	3	Horizontal	36	1.13	-	27.59	2.82	-
AV	2.4604G	95.23	Inf	-Inf	64.74	3	Horizontal	36	1.13	-	27.66	2.83	-
PK	2.488G	72.16	74.00	-1.84	41.49	3	Horizontal	36	1.13	-	27.83	2.84	-
AV	2.4835G	47.81	54.00	-6.19	17.17	3	Horizontal	36	1.13	-	27.80	2.84	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

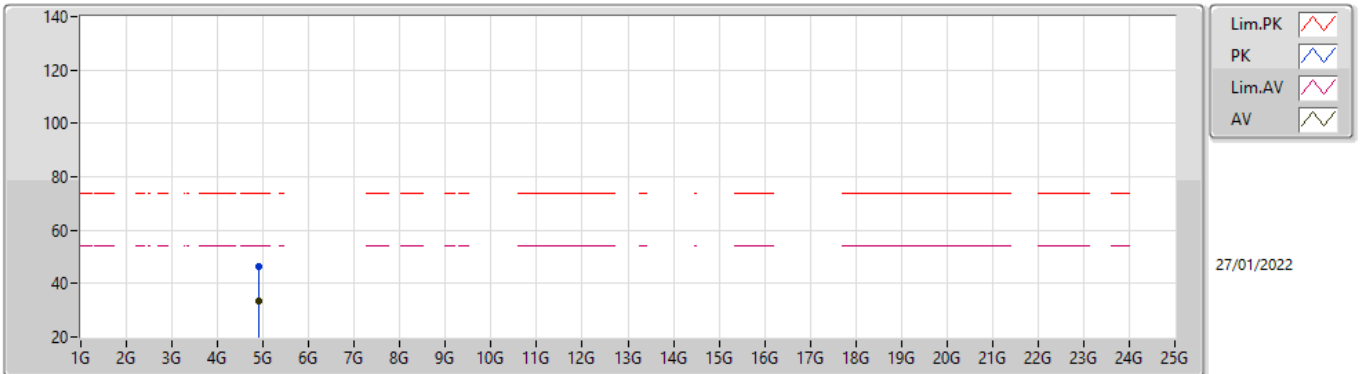


EUT Y_2TX
Setting 16
04-A-K-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90392G	46.54	74.00	-27.46	41.89	3	Vertical	172	2.47	-	33.01	4.85	33.21
AV	4.909G	33.51	54.00	-20.49	28.85	3	Vertical	172	2.47	-	33.02	4.85	33.21

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Y_2TX
Setting 16
04-A-K-5

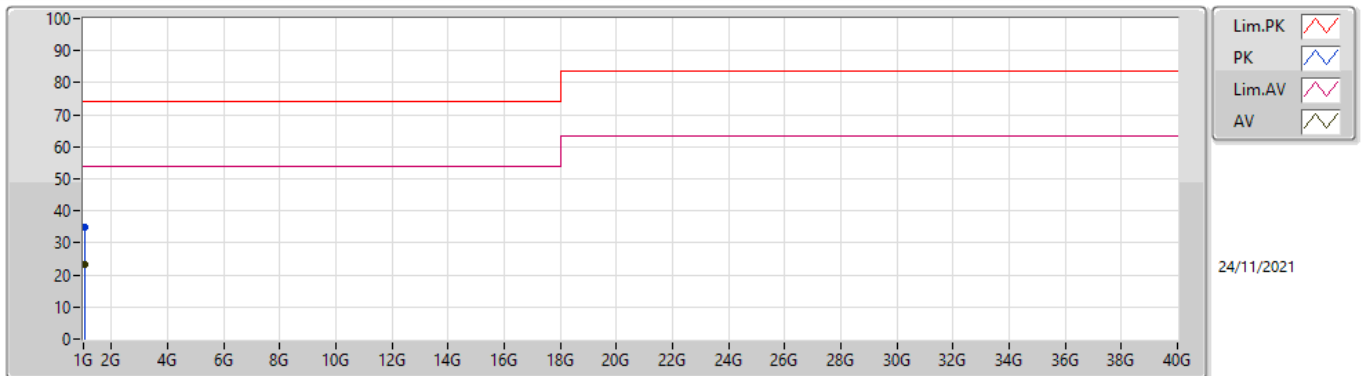
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.90576G	46.19	74.00	-27.81	41.54	3	Horizontal	284	2.54	-	33.01	4.85	33.21
AV	4.90866G	33.57	54.00	-20.43	28.91	3	Horizontal	284	2.54	-	33.02	4.85	33.21



Summary

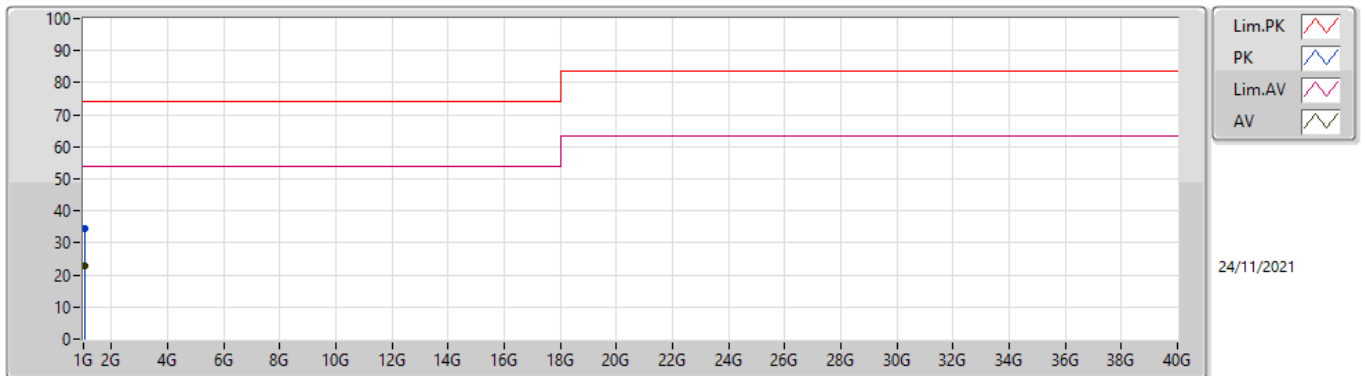
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.06566G	23.25	54.00	-30.75	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.06304G	35.05	74.00	-38.95	-10.17	3	Vertical	197	2.46	-	45.22	24.10	2.99	37.26
AV	1.06566G	23.25	54.00	-30.75	-10.13	3	Vertical	197	2.46	"Worst"	33.38	24.13	3.00	37.26

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.06429G	34.36	74.00	-39.64	-10.15	3	Horizontal	4	1.00	-	44.51	24.11	3.00	37.26
AV	1.06219G	22.67	54.00	-31.33	-10.17	3	Horizontal	4	1.00	"Worst"	32.84	24.10	2.99	37.26