Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	RSL-TQ6702GEN2
Equipment	:	IEEE802.11ax dual-radio 5G/2.4GHz 8x8+4x4 wireless AP
Brand Name	:	Allied Telesis
Model Name	:	AT-TQ6702 GEN2 , AT-TQm6702 GEN2
Applicant	:	Allied Telesis K.K 2nd. TOC Bldg.721-11 Nishi-Gotanda, Shinagawa-ku Tokyo 141-0031 Japan
Manufacturer	:	Allied Telesis K.K 2nd. TOC Bldg.721-11 Nishi-Gotanda, Shinagawa-ku Tokyo 141-0031 Japan
Standard	:	47 CFR FCC Part 15.247

The product was received on Jul. 09, 2021, and testing was started from Jul. 12, 2021 and completed on Sep. 23, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR152528-01AA	01	Initial issue of report	Oct. 14, 2021

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), 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	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX
2.4-2.4835GHz	VHT40	40	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

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	P/N	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz					
1	3	3	WNC	ATKK RANQ-AK74	PIFA	I-PEX	Note1
2	4	4	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
3	2	2	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
4	1	1	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
5	-	5	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
6	-	8	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
7	-	7	WNC	ATKK RANQ-AK74	PIFA	I-PEX	
8	-	6	WNC	ATKK RANQ-AK74	PIFA	I-PEX	

Note1:

Ant.	Gain (dBi)				
	2.4GHz	5GHz U-NII 1	5GHz U-NII 2A	5GHz U-NII 2C	5GHz U-NII 3
1	3.03	5.59	5.80	5.35	5.51
2	4.38	5.68	5.73	5.92	5.66
3	3.46	5.55	5.69	5.70	5.70
4	2.42	5.54	5.88	5.71	5.90
5	-	5.66	5.66	5.22	5.92
6	-	5.32	5.67	4.88	5.78
7	-	5.47	5.93	5.76	5.81
8	-	5.66	5.80	5.04	5.95
Directional Gain (dBi) (4T1S)	6.27	-	-	-	-
Directional Gain (dBi) (4T2S)	3.28	-	-	-	-
Directional Gain (dBi) (4T4S)	0.73	-	-	-	-
Directional Gain (dBi) (8T1S)	-	8.07	7.57	8.48	7.1
Directional Gain (dBi) (8T2S)	-	5.47	4.57	5.48	5.65
Directional Gain (dBi) (8T4S)	-	5.47	4.14	4.77	5.65
Directional Gain (dBi) (8T8S)	-	1.73	0.55	1.21	1.44

Note2: The above information was declared by manufacturer.
Note3: The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.
Note4: The EUT enables 2.4GHz/5GHz UNII 1, UNII 4 only.

Note5:

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):

Port 1, Port 2, Pot 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Pot 3 and Port 4 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (8TX/8RX):

Port 1, Port 2, Pot 3, Port 4, Port 5, Port 6, Port 7 and Port 8 can be used as transmitting/receiving antenna.
Port 1, Port 2, Pot 3, Port 4, Port 5, Port 6, Port 7 and Port 8 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.619	2.08	652.5u
802.11g	0.925	0.34	1.435m
802.11ax HEW20	0.958	0.19	5.448m
802.11ax HEW40	0.932	0.31	5.448m

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11n/ax/VHT in 2.4GHz, 802.11n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QLibDemo-MSVC10_Txpower.exe_Hawkeye 0.1 TxPower			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
AT-TQ6702 GEN2	All the models are identical; different models serve as marketing strategy.
AT-TQm6702 GEN2	

Note 1: From the above models, model: AT-TQ6702 GEN2 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 662911 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	23.5~25.4 / 54~56	Aug. 16, 2021~ Aug. 31, 2021
Radiated (Below 1GHz)	10CH01-CB	Zack Kuo	24~26 / 56~57	Jul. 12, 2021
Radiated (Above1GHz)	03CH01-CB	Eason Chen	24.4-25.5 / 55-58	Aug. 25, 2021~ Sep. 23, 2021
Radiated (Radiated Emission Co-location)	03CH05-CB	Eason Chen	24.3-25.4 / 55-58	Aug. 25, 2021~ Sep. 23, 2021
AC Conduction	CO01-CB	Ryo Fan	23~24 / 58~59	Jul. 12, 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)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 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

For non-beamforming mode:

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	20
2437MHz	21.5
2462MHz	19.5
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	16.5
2417MHz	17.5
2437MHz	20.5
2457MHz	16.5
2462MHz	15.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	16
2417MHz	17
2437MHz	20.5
2457MHz	16
2462MHz	15
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	16
2437MHz	16
2452MHz	15

For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	16
2417MHz	17
2437MHz	20.5
2457MHz	16
2462MHz	15
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Note:
- HEW20/HEW40 covers HT20/HT40/VHT20/VHT40, due to similar modulation. The power setting for HT20/HT40/VHT20/VHT40 are the same or lower than HEW20/HEW40
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only.

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: 120Vac / 60Hz
Operating Mode	Normal Link
1	Normal Link: EUT + Adapter
2	Normal Link: EUT + PoE
For operating mode 2 is the worst case and it was record in this test report.	

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

The 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	Normal Link: EUT in Z axis + Adapter
2	Normal Link: EUT in Y axis + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link: EUT in Z axis + PoE
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at X axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in X 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
1	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.: FA152528-01 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoE was for measurement only, would not be marketed.
The detail information as below

Support Unit	Brand	Model Name
Adapter	APD	DA-48Z12
PoE	DELTA	ADP-60HR B

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall-mounted rack*1

2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	DELTA	ADP-60HR B	N/A
B	5G LAN1 PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	5G LAN2 PC	DELL	T3400	N/A

For Radiated (above 1GHz):

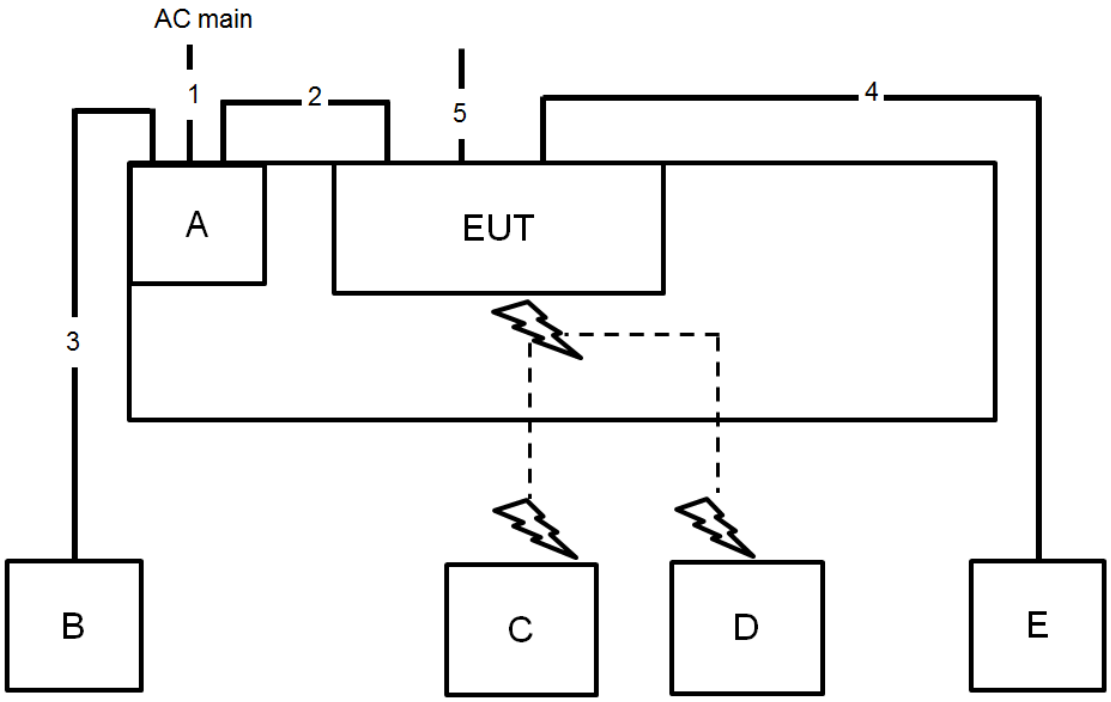
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Adapter	APD	DA-48Z12	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	DELTA	ADP-60HR B	N/A

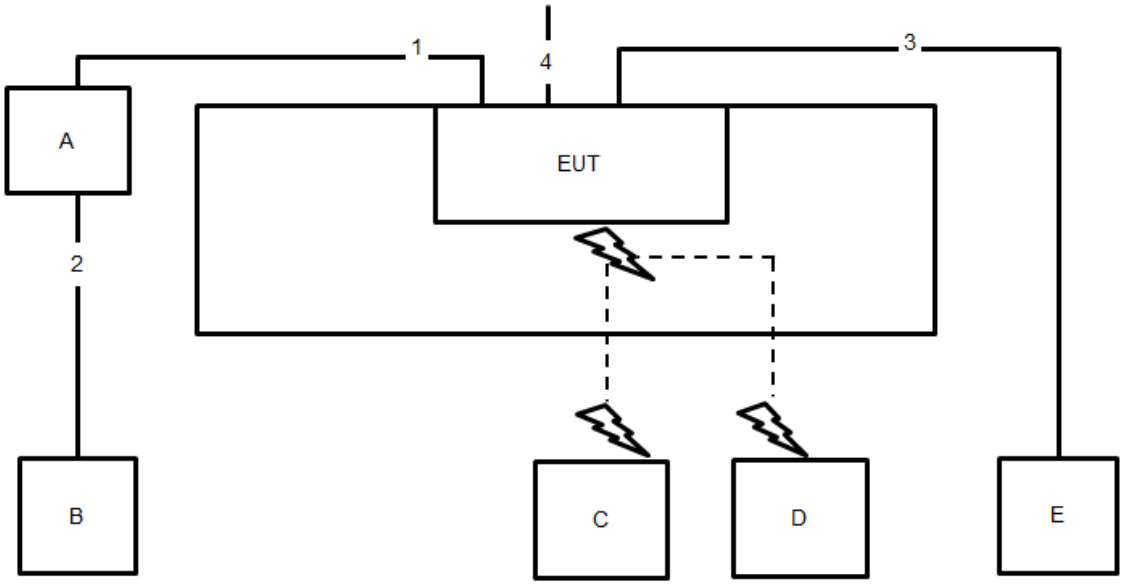
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



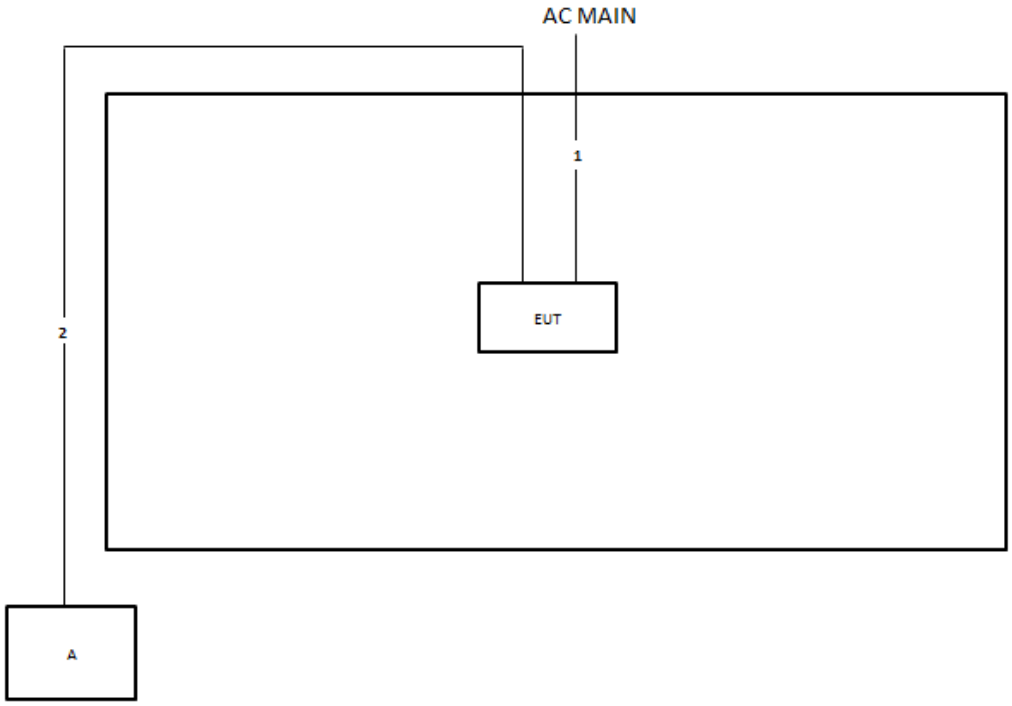
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	Console cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
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

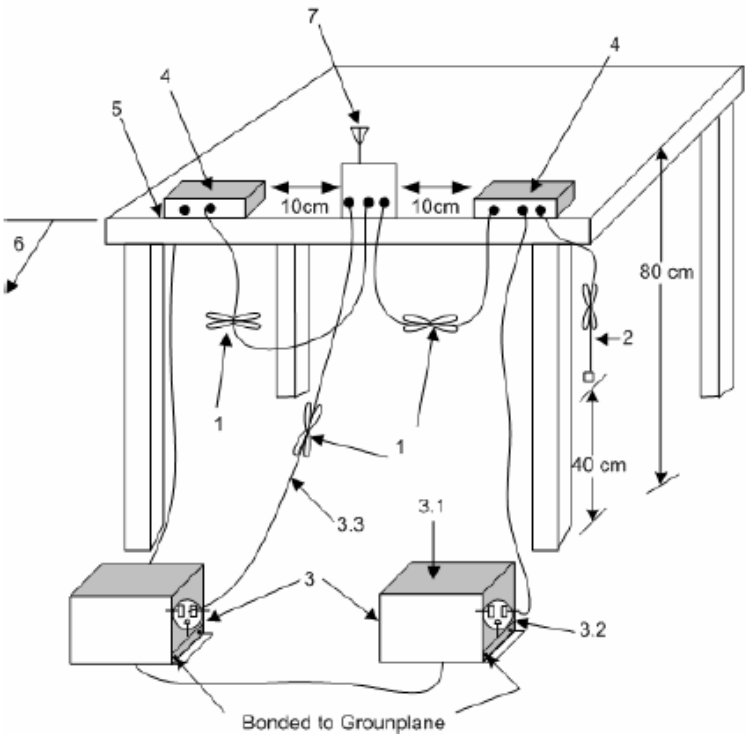
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

3.2.2 Measuring Instruments

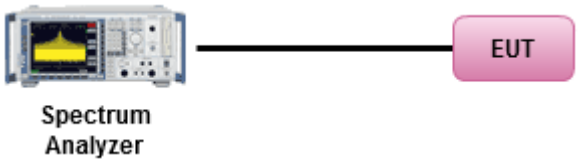
Refer a test equipment and calibration data table in this test report.

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

Emission Bandwidth



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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


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

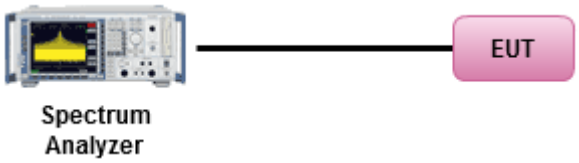
3.4.2 Measuring Instruments

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

Power Spectral Density


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.	

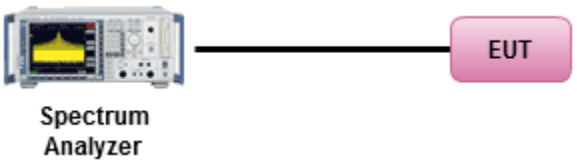
3.5.2 Measuring Instruments

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

Emissions in Non-restricted Frequency Bands


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.

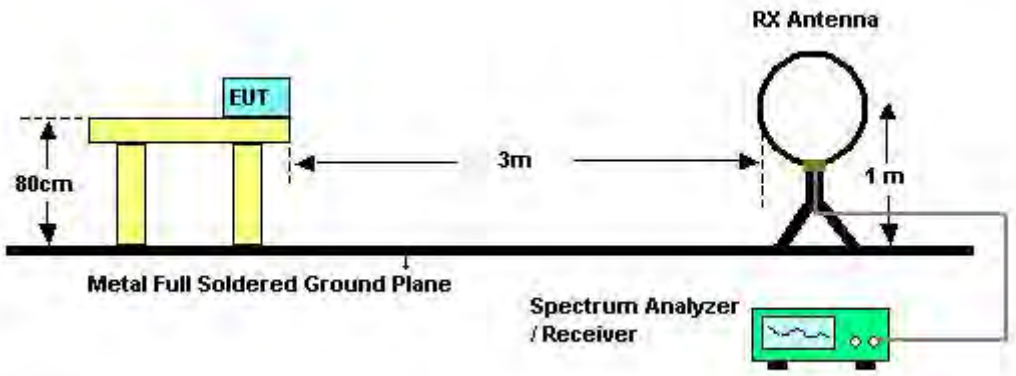
3.6.3 Test Procedures

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 ≥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≥1/T).
☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 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.

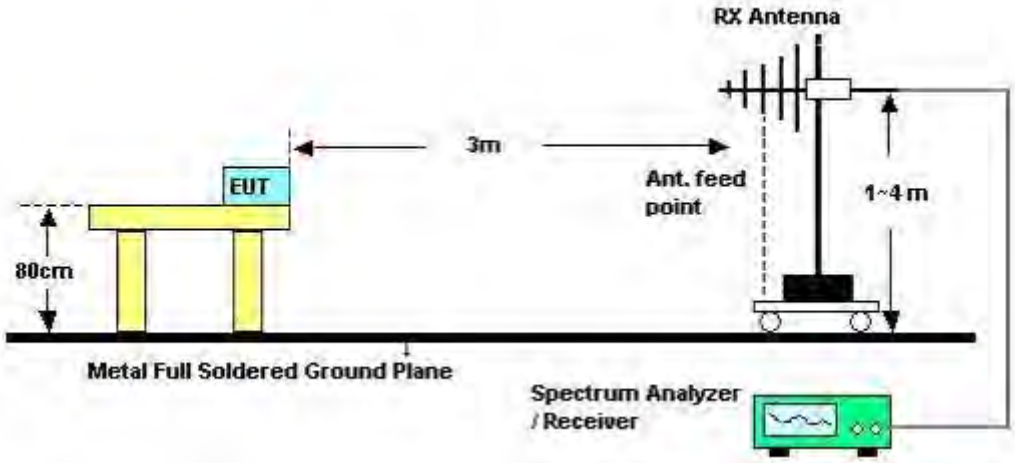
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

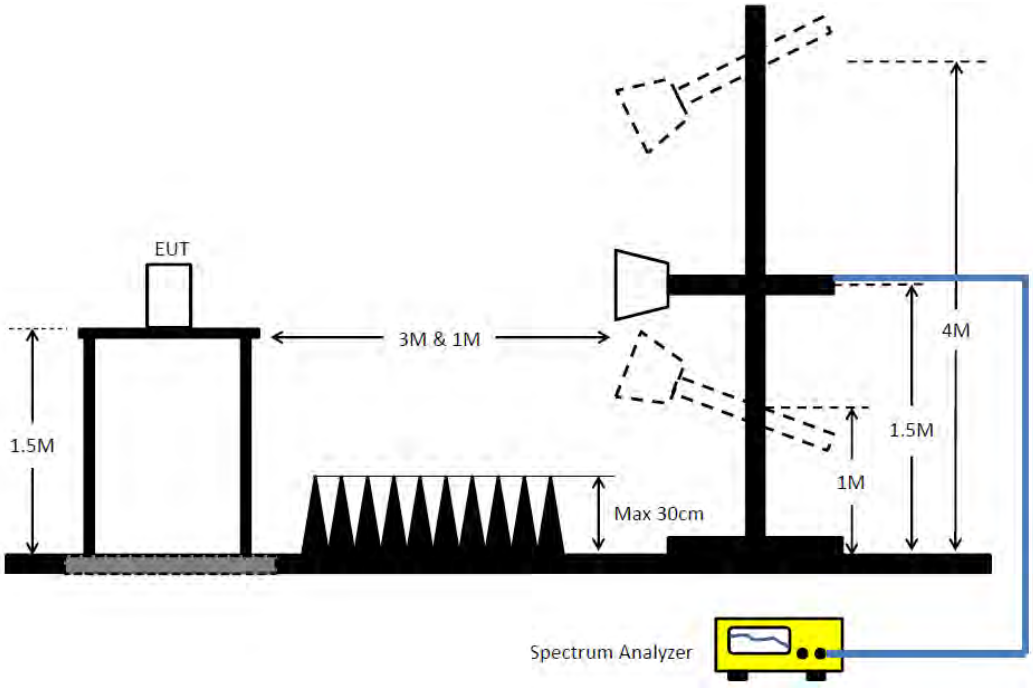
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 28, 2021	Jan. 27, 2022	Radiation (10CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2021	Mar. 10, 2022	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2021	Mar. 10, 2022	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 20, 2020	Oct. 19, 2021	Radiation (10CH01-CB)
High Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 20, 2020	Oct. 19, 2021	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenator	Chase & EMCI	CBL6111A &N-6-06	1543 &AT-N0609	30MHz ~ 1GHz	Jul. 01, 2021	Jun. 30, 2022	Radiation (10CH01-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 05, 2021	May 04, 2022	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde& Schwarz	FSV30	101026	9kHz ~ 30GHz	Mar. 08, 2021	Mar. 07, 2022	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 08, 2020	Nov. 07, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Sep. 29, 2020	Sep. 28, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 18, 2021	Jun. 17, 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)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Nov. 10, 2020	Nov. 09, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
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)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~ 40GHz	Jul. 27, 2021	Jul. 26, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~ 40GHz	Jul. 27, 2021	Jul. 26, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

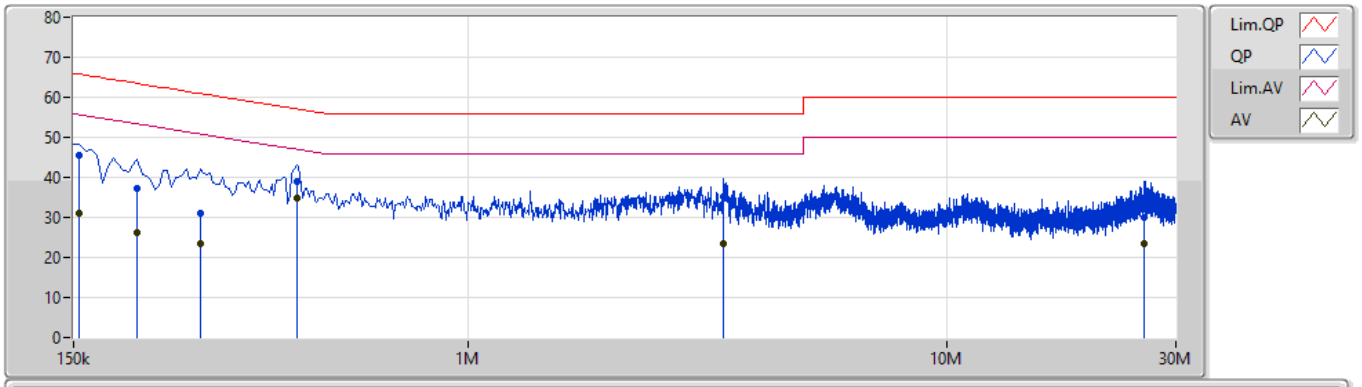
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	438k	34.96	47.11	-12.15	Neutral

Mode 2

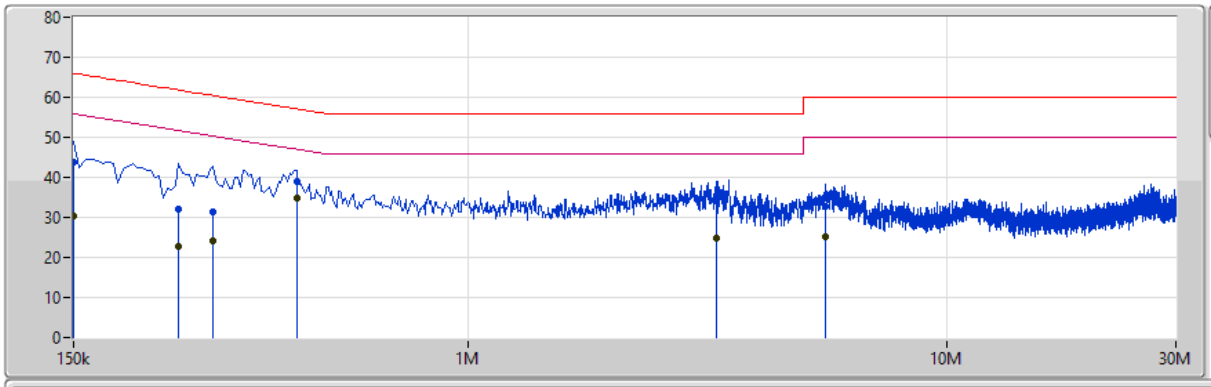
12/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	45.39	65.75	-20.36	9.89	Line	-	35.50	0.04	0.04	9.81
AV	154.5k	31.15	55.75	-24.60	9.89	Line	-	21.26	0.04	0.04	9.81
QP	204k	37.21	63.44	-26.23	9.89	Line	-	27.32	0.04	0.04	9.81
AV	204k	26.12	53.44	-27.32	9.89	Line	-	16.23	0.04	0.04	9.81
QP	276k	30.95	60.93	-29.98	9.89	Line	-	21.06	0.04	0.04	9.81
AV	276k	23.36	50.93	-27.57	9.89	Line	-	13.47	0.04	0.04	9.81
QP	438k	39.02	57.11	-18.09	9.90	Line	-	29.12	0.04	0.04	9.82
AV	438k	34.79	47.11	-12.32	9.90	Line	"Worst"	24.89	0.04	0.04	9.82
QP	3.404M	35.09	56.00	-20.91	10.09	Line	-	25.00	0.12	0.11	9.86
AV	3.404M	23.56	46.00	-22.44	10.09	Line	-	13.47	0.12	0.11	9.86
QP	25.724M	30.04	60.00	-29.96	10.65	Line	-	19.39	0.36	0.28	10.01
AV	25.724M	23.35	50.00	-26.65	10.65	Line	-	12.70	0.36	0.28	10.01

Mode 2

12/07/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	43.77	66.00	-22.23	9.88	Neutral	-	33.89	0.03	0.04	9.81
AV	150k	30.44	56.00	-25.56	9.88	Neutral	-	20.56	0.03	0.04	9.81
QP	249k	32.19	61.79	-29.60	9.88	Neutral	-	22.31	0.03	0.04	9.81
AV	249k	22.73	51.79	-29.06	9.88	Neutral	-	12.85	0.03	0.04	9.81
QP	294k	31.35	60.42	-29.07	9.89	Neutral	-	21.46	0.03	0.04	9.82
AV	294k	24.06	50.42	-26.36	9.89	Neutral	-	14.17	0.03	0.04	9.82
QP	438k	39.03	57.11	-18.08	9.89	Neutral	-	29.14	0.03	0.04	9.82
AV	438k	34.96	47.11	-12.15	9.89	Neutral	"Worst"	25.07	0.03	0.04	9.82
QP	3.291M	34.50	56.00	-21.50	10.06	Neutral	-	24.44	0.09	0.11	9.86
AV	3.291M	24.81	46.00	-21.19	10.06	Neutral	-	14.75	0.09	0.11	9.86
QP	5.564M	32.72	60.00	-27.28	10.15	Neutral	-	22.57	0.14	0.13	9.88
AV	5.564M	25.07	50.00	-24.93	10.15	Neutral	-	14.92	0.14	0.13	9.88

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)_4TX	9.05M	14.818M	14M8G1D	7.075M	12.969M
802.11g_Nss1,(6Mbps)_4TX	16.325M	21.364M	21M4D1D	15.925M	16.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.05M	22.464M	22M5D1D	17.875M	18.816M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	37.981M	38M0D1D	32.1M	37.381M

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

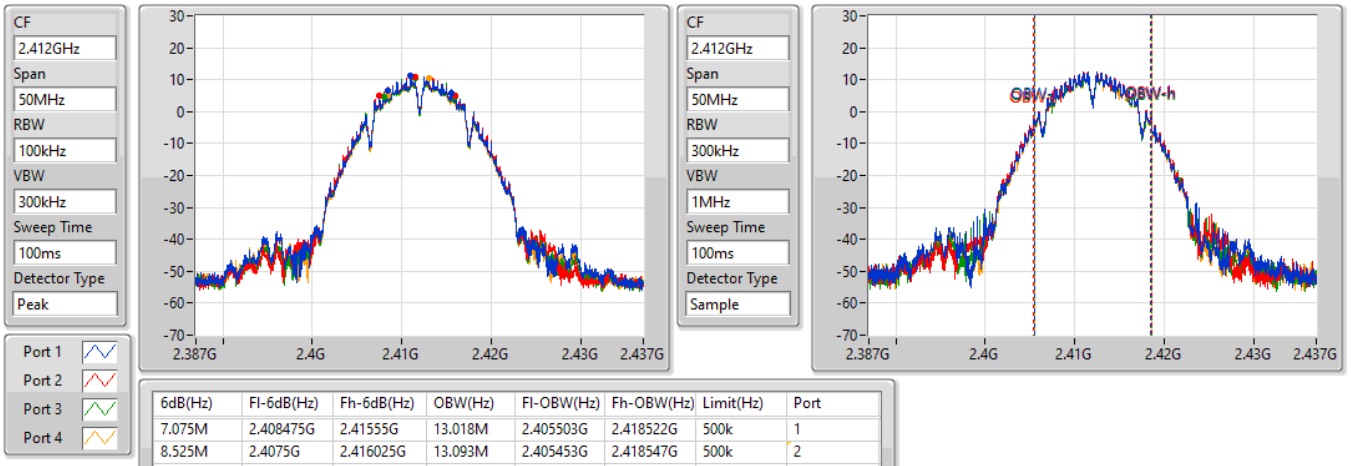
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	13.018M	8.525M	13.093M	8.025M	13.068M	7.55M	12.969M
2437MHz	Pass	500k	9.05M	14.393M	8.025M	14.818M	8M	14.143M	8.525M	14.018M
2462MHz	Pass	500k	8.025M	13.268M	7.975M	13.393M	7.575M	13.043M	8.5M	13.043M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.492M	15.95M	16.517M	16.325M	16.467M	16.325M	16.442M
2437MHz	Pass	500k	16.275M	21.364M	15.925M	21.164M	16.275M	18.741M	16.275M	18.416M
2462MHz	Pass	500k	16.325M	16.567M	15.95M	16.542M	16.3M	16.567M	16.3M	16.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.425M	18.866M	19.05M	19.04M	18.3M	18.891M	18.875M	18.966M
2437MHz	Pass	500k	17.875M	19.59M	18.775M	22.464M	18.625M	19.14M	18.975M	19.615M
2462MHz	Pass	500k	18.05M	18.816M	18.825M	19.015M	18.625M	18.866M	18.925M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.85M	37.631M	36.45M	37.631M	37.75M	37.981M	37.8M	37.881M
2437MHz	Pass	500k	35.6M	37.531M	32.1M	37.731M	37.75M	37.831M	37.7M	37.931M
2452MHz	Pass	500k	35.85M	37.381M	33.9M	37.531M	37.8M	37.981M	37.75M	37.831M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

16/08/2021

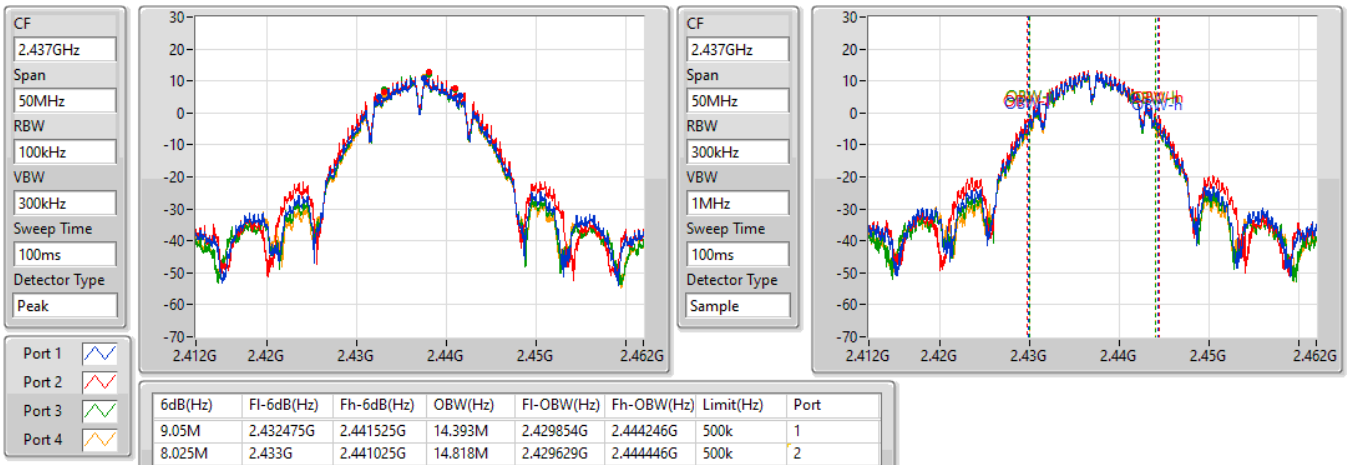


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.408475G	2.41555G	13.018M	2.405503G	2.418522G	500k	1
8.525M	2.4075G	2.416025G	13.093M	2.405453G	2.418547G	500k	2
8.025M	2.408G	2.416025G	13.068M	2.405478G	2.418547G	500k	3
7.55M	2.40845G	2.416G	12.969M	2.405528G	2.418497G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

16/08/2021

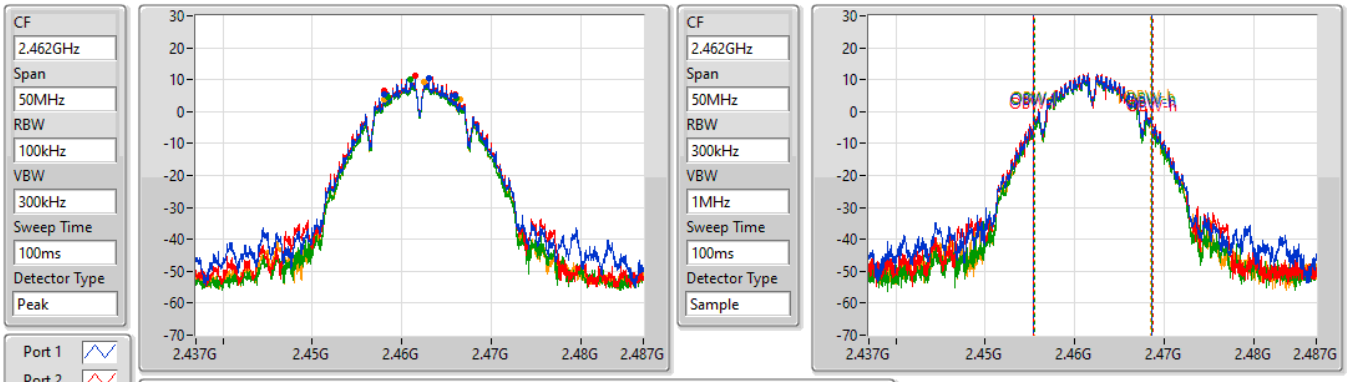


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.432475G	2.441525G	14.393M	2.429854G	2.444246G	500k	1
8.025M	2.433G	2.441025G	14.818M	2.429629G	2.444446G	500k	2
8M	2.433025G	2.441025G	14.143M	2.429954G	2.444096G	500k	3
8.525M	2.433G	2.441525G	14.018M	2.430028G	2.444046G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

16/08/2021

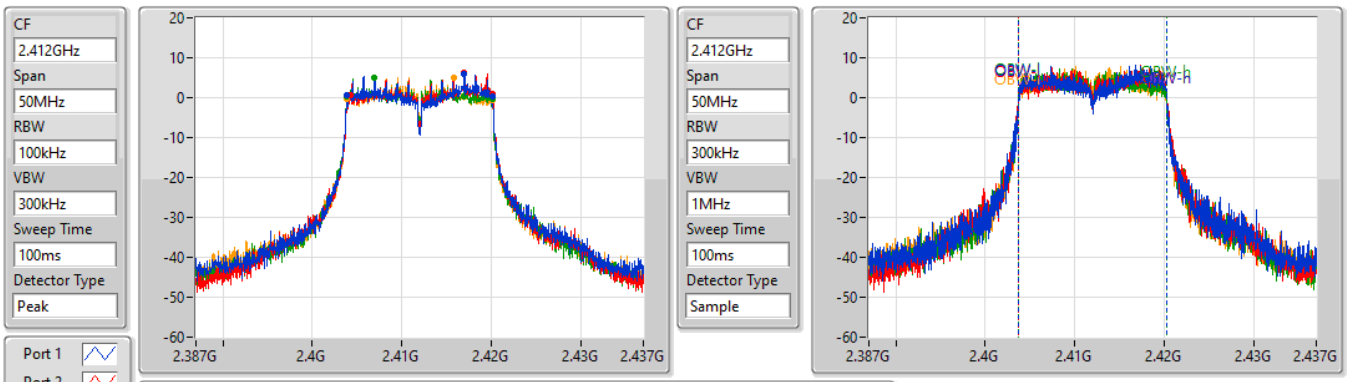


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.458G	2.466025G	13.268M	2.455378G	2.468647G	500k	1
7.975M	2.458G	2.465975G	13.393M	2.455328G	2.468722G	500k	2
7.575M	2.458475G	2.46605G	13.043M	2.455503G	2.468547G	500k	3
8.5M	2.458G	2.4665G	13.043M	2.455478G	2.468522G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

16/08/2021

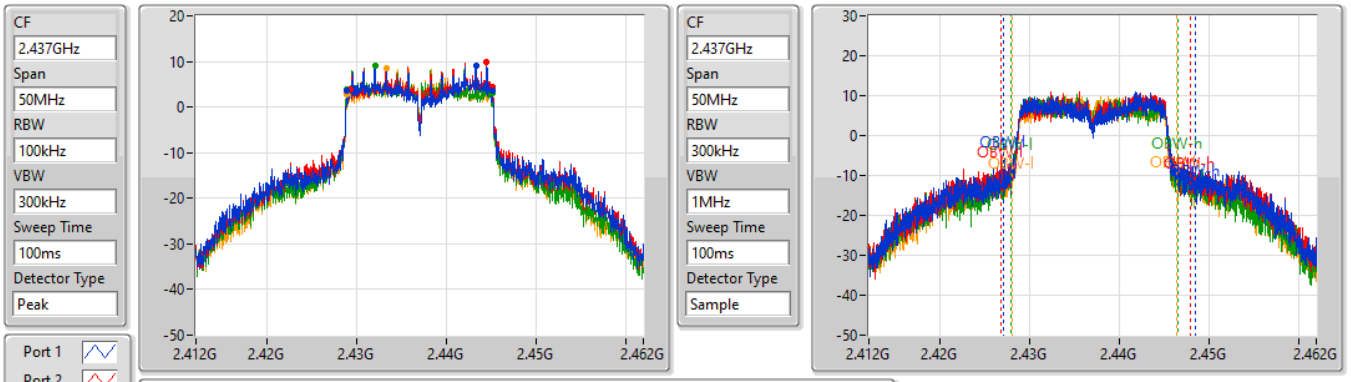


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.403875G	2.42015G	16.492M	2.403779G	2.420271G	500k	1
15.95M	2.404225G	2.420175G	16.517M	2.403779G	2.420296G	500k	2
16.325M	2.40385G	2.420175G	16.467M	2.403779G	2.420246G	500k	3
16.325M	2.40385G	2.420175G	16.442M	2.403779G	2.420221G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

16/08/2021

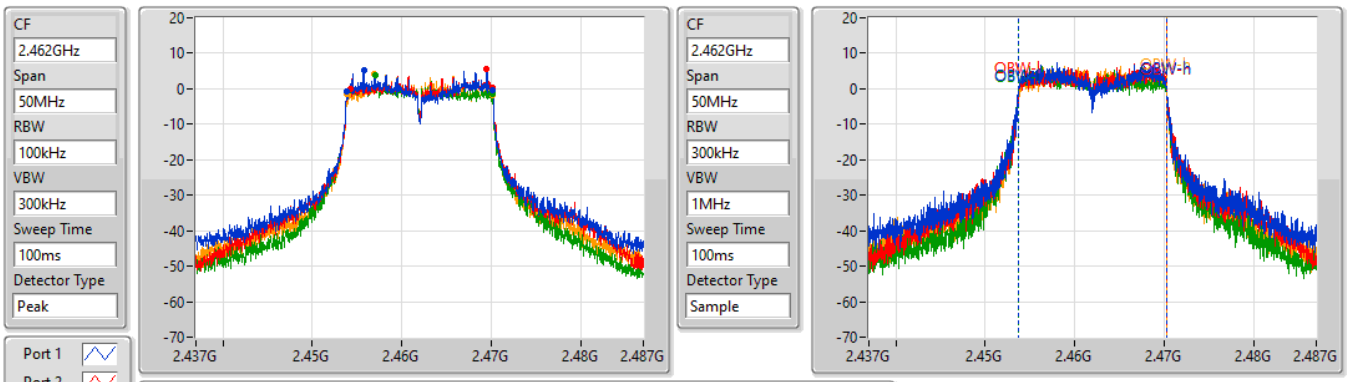


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.428875G	2.44515G	21.364M	2.427105G	2.448469G	500k	1
15.925M	2.42925G	2.445175G	21.164M	2.42673G	2.447895G	500k	2
16.275M	2.42885G	2.445125G	18.741M	2.42783G	2.44657G	500k	3
16.275M	2.428875G	2.44515G	18.416M	2.42798G	2.446395G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

16/08/2021

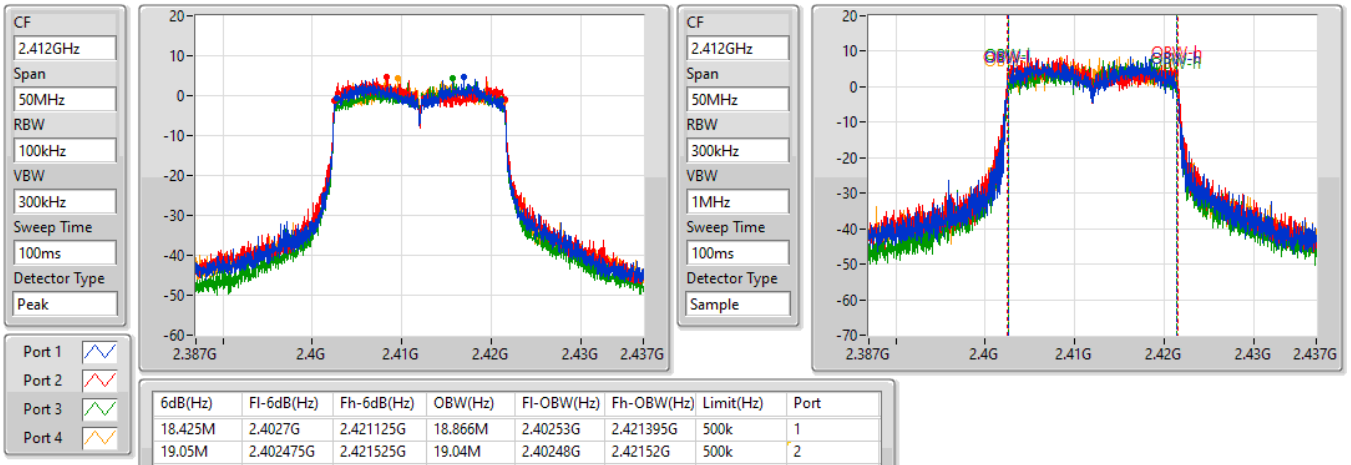


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.567M	2.453704G	2.470271G	500k	1
15.95M	2.454225G	2.470175G	16.542M	2.453754G	2.470296G	500k	2
16.3M	2.45385G	2.47015G	16.567M	2.453679G	2.470246G	500k	3
16.3M	2.453875G	2.470175G	16.442M	2.453779G	2.470221G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

16/08/2021

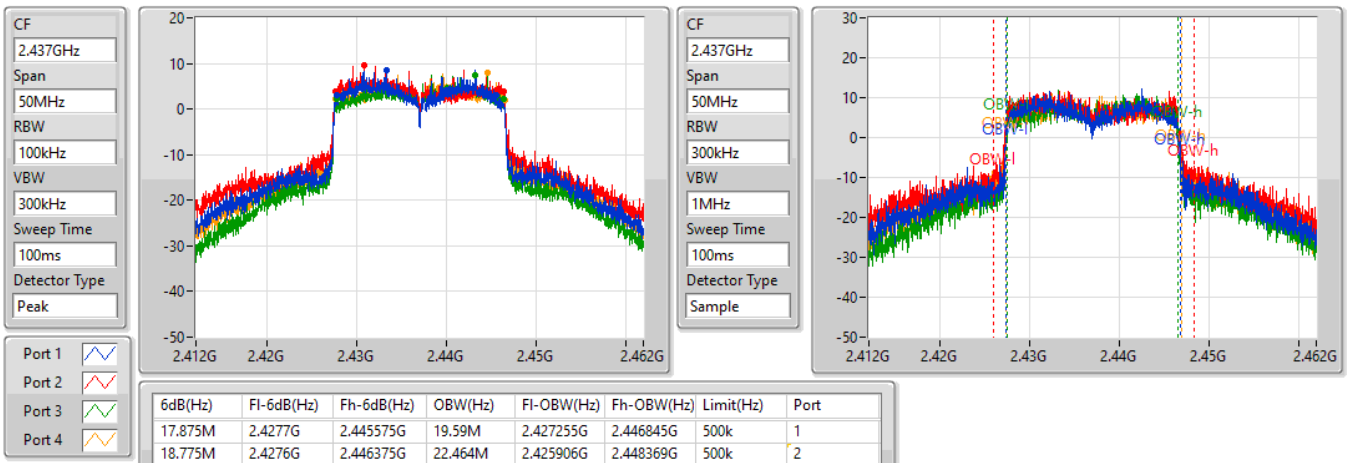


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.425M	2.4027G	2.421125G	18.866M	2.40253G	2.421395G	500k	1
19.05M	2.402475G	2.421525G	19.04M	2.40248G	2.42152G	500k	2
18.3M	2.402775G	2.421075G	18.891M	2.402555G	2.421445G	500k	3
18.875M	2.4026G	2.421475G	18.966M	2.40253G	2.421495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

16/08/2021

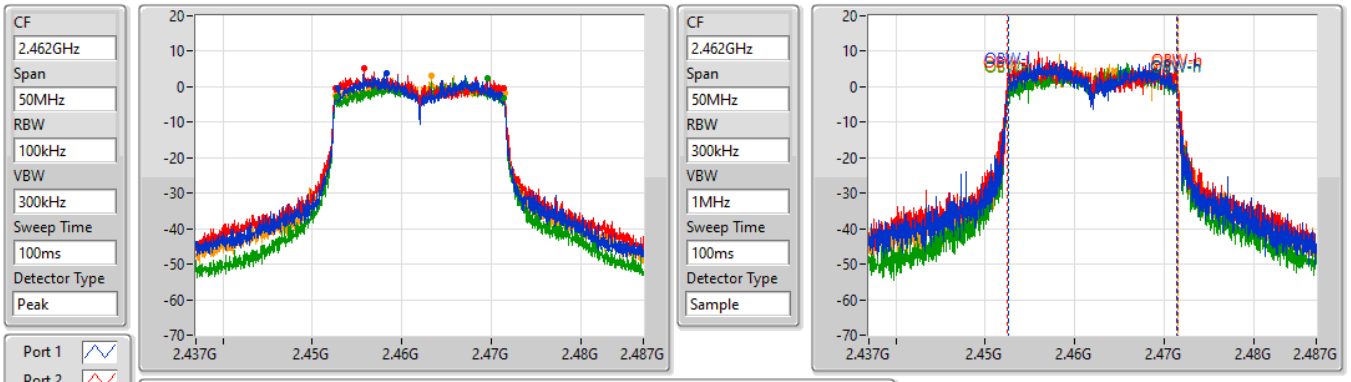


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.875M	2.4277G	2.445575G	19.59M	2.427255G	2.446845G	500k	1
18.775M	2.4276G	2.446375G	22.464M	2.425906G	2.448369G	500k	2
18.625M	2.427775G	2.4464G	19.14M	2.427455G	2.446595G	500k	3
18.975M	2.42755G	2.446525G	19.615M	2.42728G	2.446895G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

16/08/2021

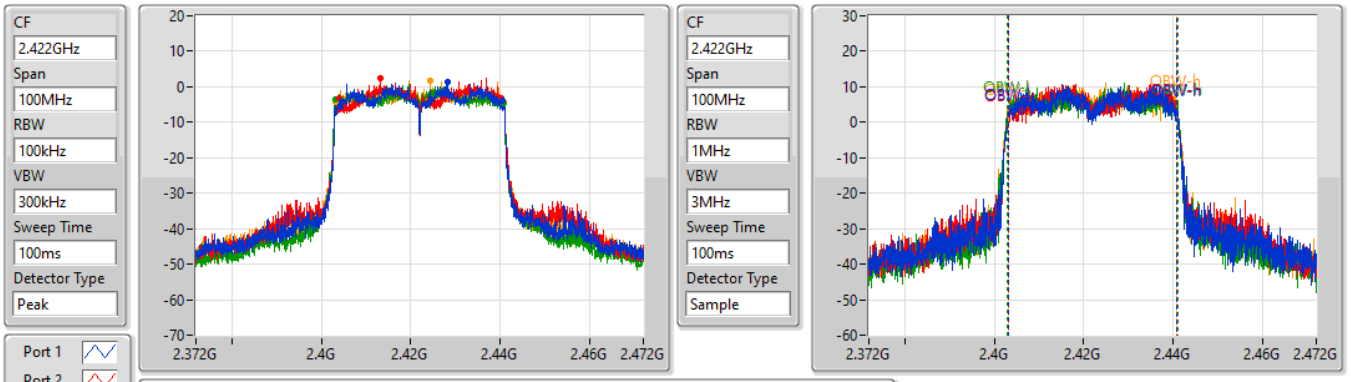


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.05M	2.452875G	2.470925G	18.816M	2.45258G	2.471395G	500k	1
18.825M	2.4526G	2.471425G	19.015M	2.45248G	2.471495G	500k	2
18.625M	2.45275G	2.471375G	18.866M	2.452555G	2.47142G	500k	3
18.925M	2.45255G	2.471475G	18.966M	2.45253G	2.471495G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

16/08/2021

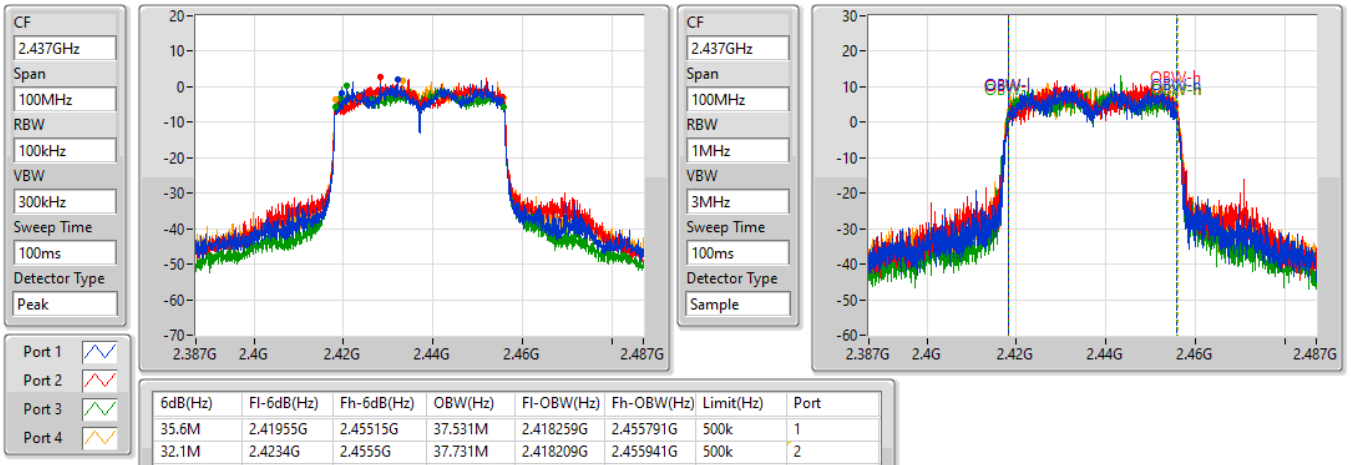


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.85M	2.4046G	2.44045G	37.631M	2.403259G	2.440891G	500k	1
36.45M	2.4039G	2.44035G	37.631M	2.403259G	2.440891G	500k	2
37.75M	2.4031G	2.44085G	37.981M	2.403009G	2.440991G	500k	3
37.8M	2.4031G	2.4409G	37.881M	2.403059G	2.440941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

16/08/2021

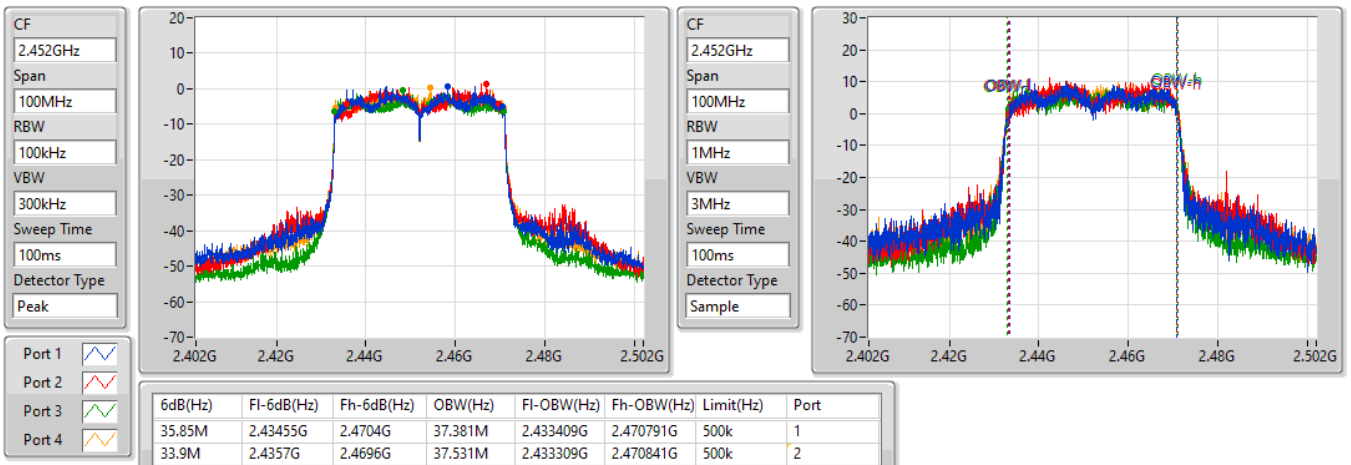


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.6M	2.41955G	2.45515G	37.531M	2.418259G	2.455791G	500k	1
32.1M	2.4234G	2.4555G	37.731M	2.418209G	2.455941G	500k	2
37.75M	2.41815G	2.4559G	37.831M	2.418059G	2.455891G	500k	3
37.7M	2.41815G	2.45585G	37.931M	2.418059G	2.455991G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

16/08/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.85M	2.43455G	2.4704G	37.381M	2.433409G	2.470791G	500k	1
33.9M	2.4357G	2.4696G	37.531M	2.433309G	2.470841G	500k	2
37.8M	2.43305G	2.47085G	37.981M	2.433009G	2.470991G	500k	3
37.75M	2.43315G	2.4709G	37.831M	2.433109G	2.470941G	500k	4

For **Non-beamforming mode**
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	26.49	0.44566
802.11g_Nss1,(6Mbps)_4TX	25.38	0.34514
802.11ax HEW20_Nss1,(MCS0)_4TX	25.56	0.35975
802.11ax HEW40_Nss1,(MCS0)_4TX	22.06	0.16069

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.38	19.78	20.11	19.48	19.43	25.73	30.00
2437MHz	Pass	4.38	20.39	21.00	20.32	20.13	26.49	30.00
2462MHz	Pass	4.38	19.01	19.54	18.38	18.51	24.91	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.38	16.55	16.43	15.42	16.36	22.23	30.00
2417MHz	Pass	4.38	17.22	17.31	17.05	17.12	23.20	30.00
2437MHz	Pass	4.38	19.27	19.64	19.25	19.28	25.38	30.00
2457MHz	Pass	4.38	16.32	16.49	15.66	16.01	22.15	30.00
2462MHz	Pass	4.38	15.50	15.53	14.68	15.08	21.23	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.38	16.12	16.48	15.58	16.19	22.13	30.00
2417MHz	Pass	4.38	16.51	17.38	16.49	16.91	22.86	30.00
2437MHz	Pass	4.38	19.39	20.13	19.00	19.57	25.56	30.00
2457MHz	Pass	4.38	15.90	16.49	15.05	15.85	21.87	30.00
2462MHz	Pass	4.38	15.03	15.67	13.95	14.72	20.91	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.38	15.93	16.42	15.52	16.04	22.01	30.00
2437MHz	Pass	4.38	15.90	16.46	15.56	16.17	22.06	30.00
2452MHz	Pass	4.38	14.97	15.38	14.28	15.10	20.97	30.00

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

For beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.56	0.35975
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.06	0.16069

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.27	16.12	16.48	15.58	16.19	22.13	29.73
2417MHz	Pass	6.27	16.51	17.38	16.49	16.91	22.86	29.73
2437MHz	Pass	6.27	19.39	20.13	19.00	19.57	25.56	29.73
2457MHz	Pass	6.27	15.90	16.49	15.05	15.85	21.87	29.73
2462MHz	Pass	6.27	15.03	15.67	13.95	14.72	20.91	29.73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.27	15.93	16.42	15.52	16.04	22.01	29.73
2437MHz	Pass	6.27	15.90	16.46	15.56	16.17	22.06	29.73
2452MHz	Pass	6.27	14.97	15.38	14.28	15.10	20.97	29.73

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.15
802.11g_Nss1,(6Mbps)_4TX	-3.07
802.11ax HEW20_Nss1,(MCS0)_4TX	-3.02
802.11ax HEW40_Nss1,(MCS0)_4TX	-8.76

RBW = 3kHz;

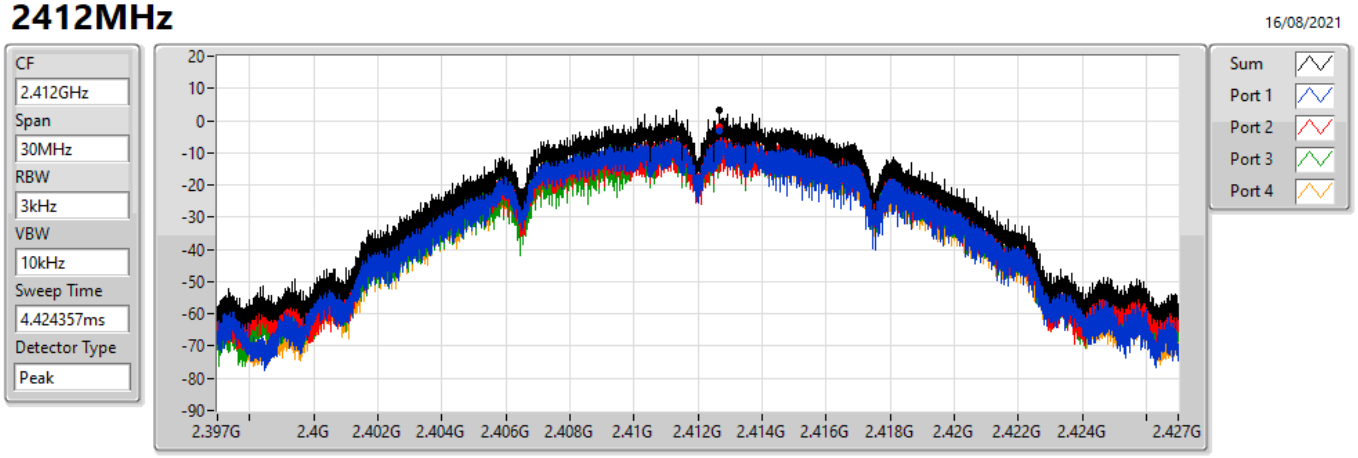
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.27	-3.12	-2.00	-2.78	-2.96	3.15	4.63
2437MHz	Pass	6.27	-2.91	-2.09	-2.53	-3.04	3.06	4.63
2462MHz	Pass	6.27	-4.17	-4.31	-5.78	-4.71	0.59	4.63
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.27	-7.83	-10.54	-11.58	-10.93	-5.54	4.63
2437MHz	Pass	6.27	-7.66	-6.59	-7.92	-8.55	-3.07	4.63
2462MHz	Pass	6.27	-10.40	-9.85	-13.25	-12.13	-6.99	4.63
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.27	-9.56	-9.21	-9.96	-10.34	-6.54	4.63
2437MHz	Pass	6.27	-5.03	-5.85	-7.53	-6.82	-3.02	4.63
2462MHz	Pass	6.27	-9.00	-10.78	-12.06	-11.14	-7.33	4.63
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.27	-12.51	-11.20	-12.93	-13.00	-9.02	4.63
2437MHz	Pass	6.27	-12.06	-10.81	-12.36	-12.98	-8.76	4.63
2452MHz	Pass	6.27	-13.51	-12.97	-15.05	-14.16	-10.07	4.63

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)_4TX PSD

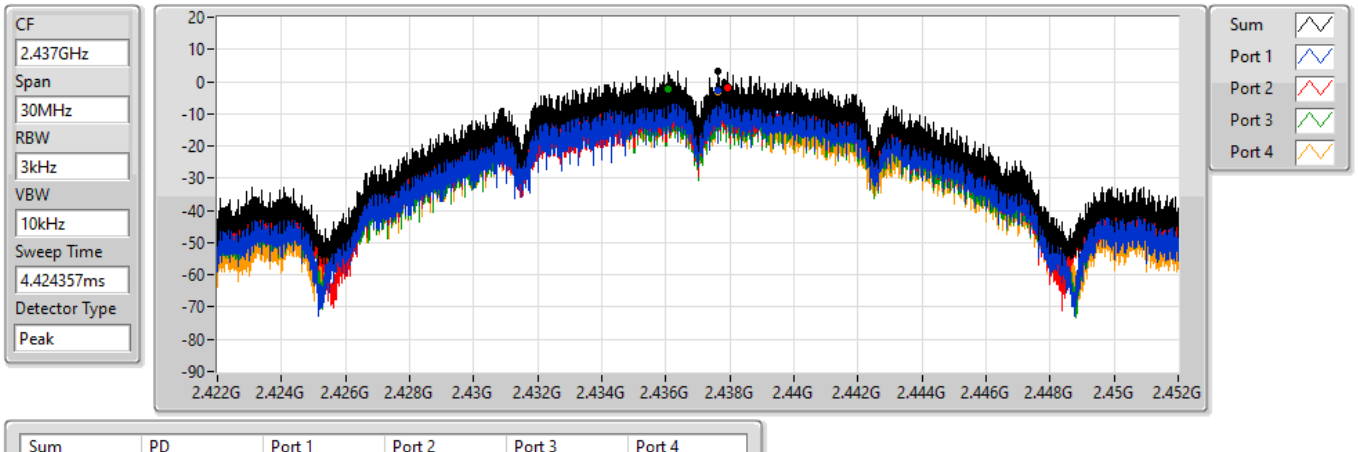
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	-3.12	-2.00	-2.78	-2.96

802.11b_Nss1,(1Mbps)_4TX PSD

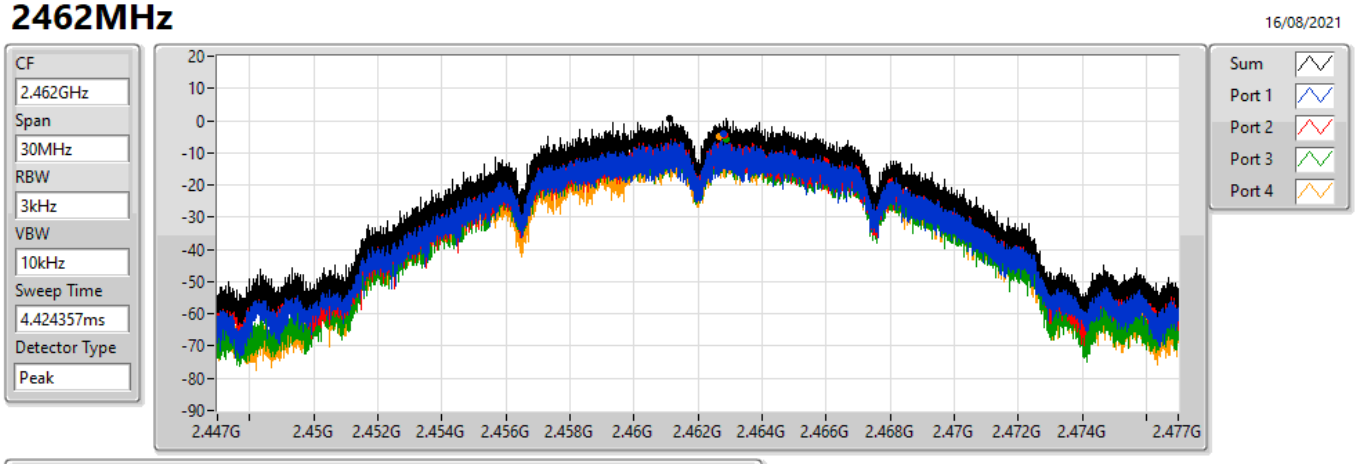
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	-2.91	-2.09	-2.53	-3.04

802.11b_Nss1,(1Mbps)_4TX PSD

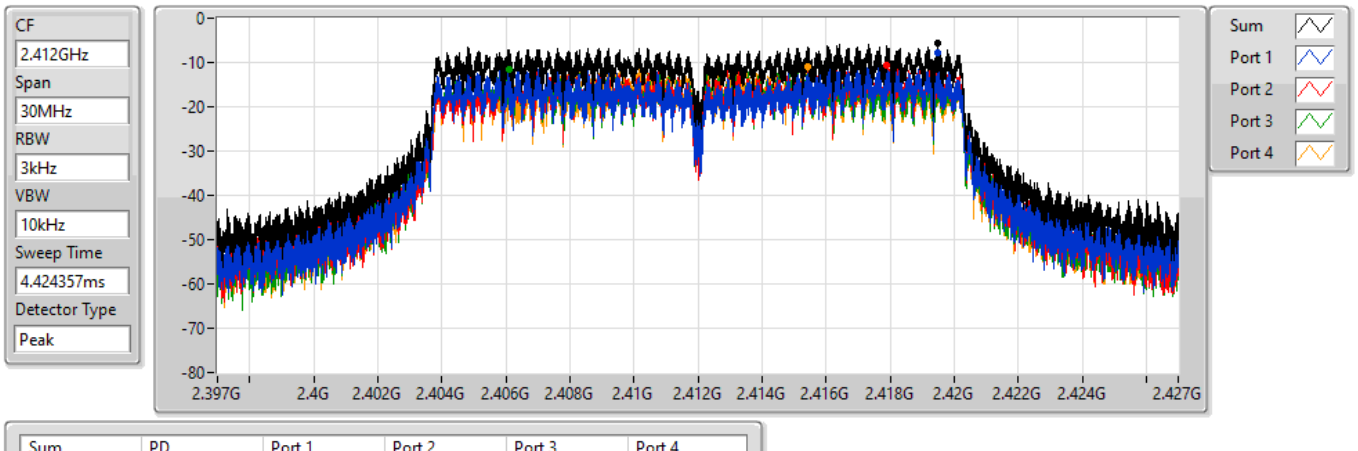
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.59	0.59	-4.17	-4.31	-5.78	-4.71

802.11g_Nss1,(6Mbps)_4TX PSD

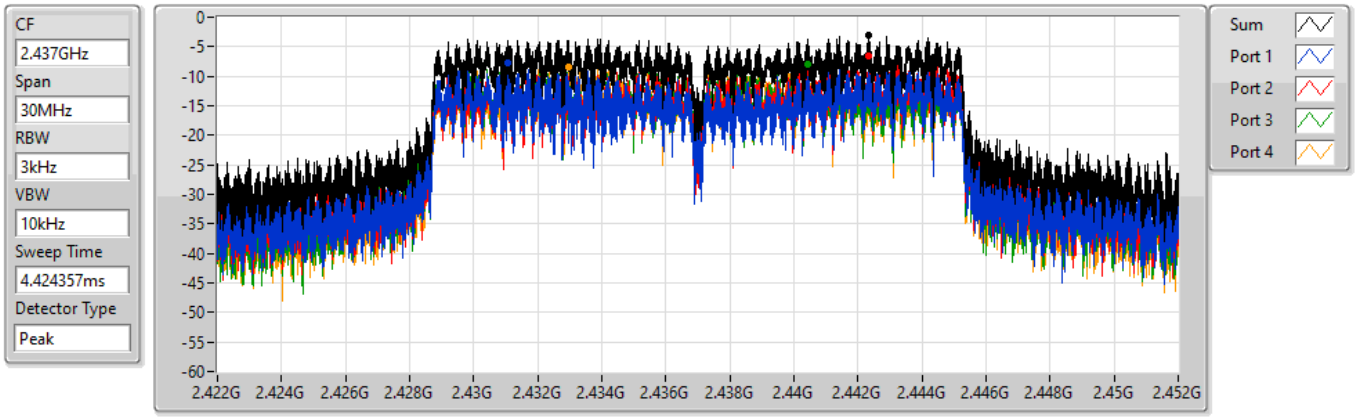
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.54	-5.54	-7.83	-10.54	-11.58	-10.93

802.11g_Nss1,(6Mbps)_4TX PSD

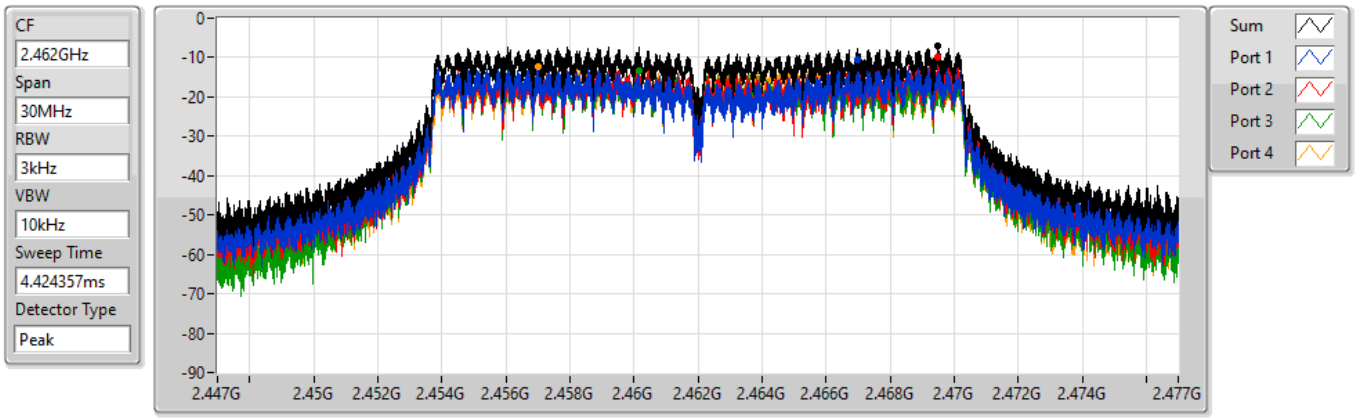
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.07	-3.07	-7.66	-6.59	-7.92	-8.55

802.11g_Nss1,(6Mbps)_4TX PSD

2462MHz

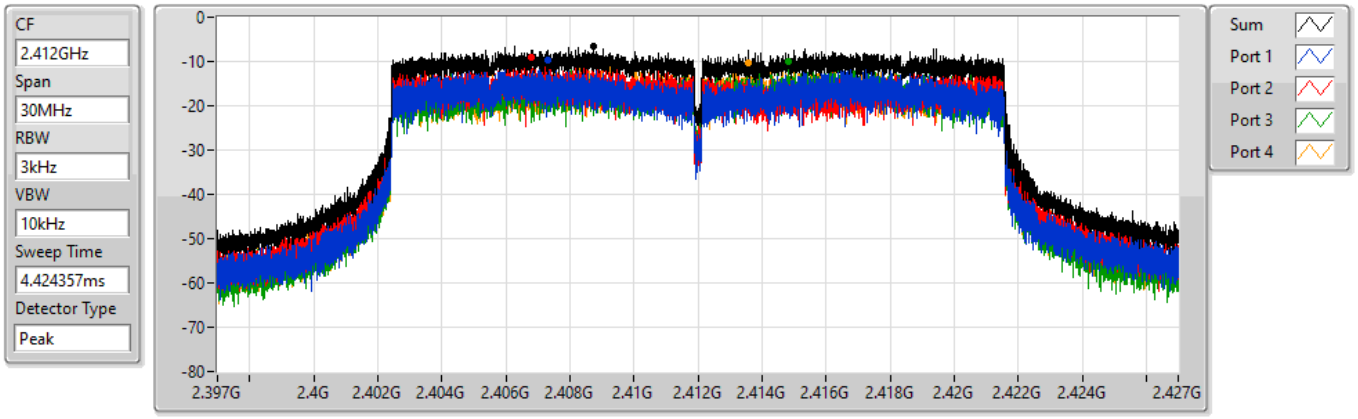


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.99	-6.99	-10.40	-9.85	-13.25	-12.13

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

2412MHz

16/08/2021

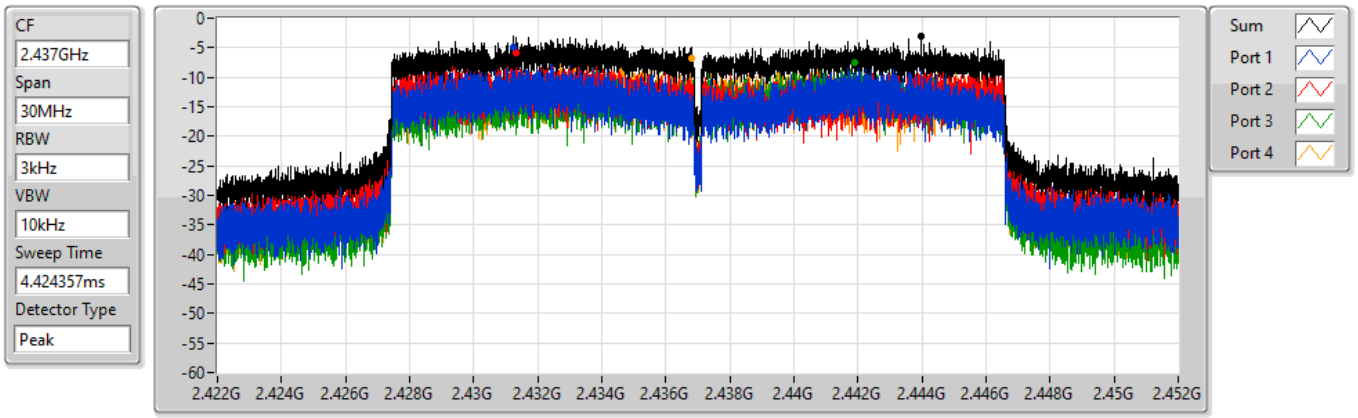


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.54	-6.54	-9.56	-9.21	-9.96	-10.34

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

2437MHz

16/08/2021

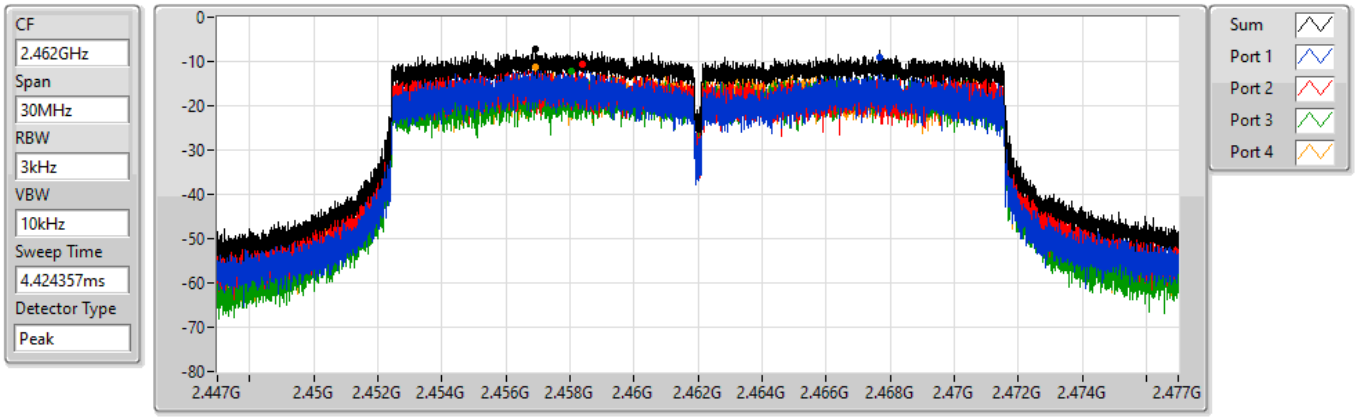


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.02	-3.02	-5.03	-5.85	-7.53	-6.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

2462MHz

16/08/2021

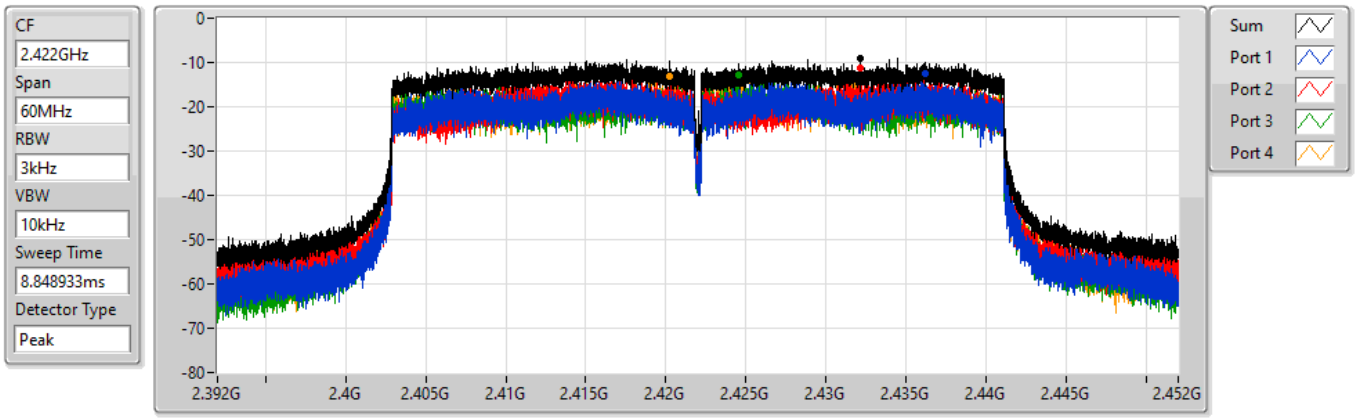


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.33	-7.33	-9.00	-10.78	-12.06	-11.14

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2422MHz

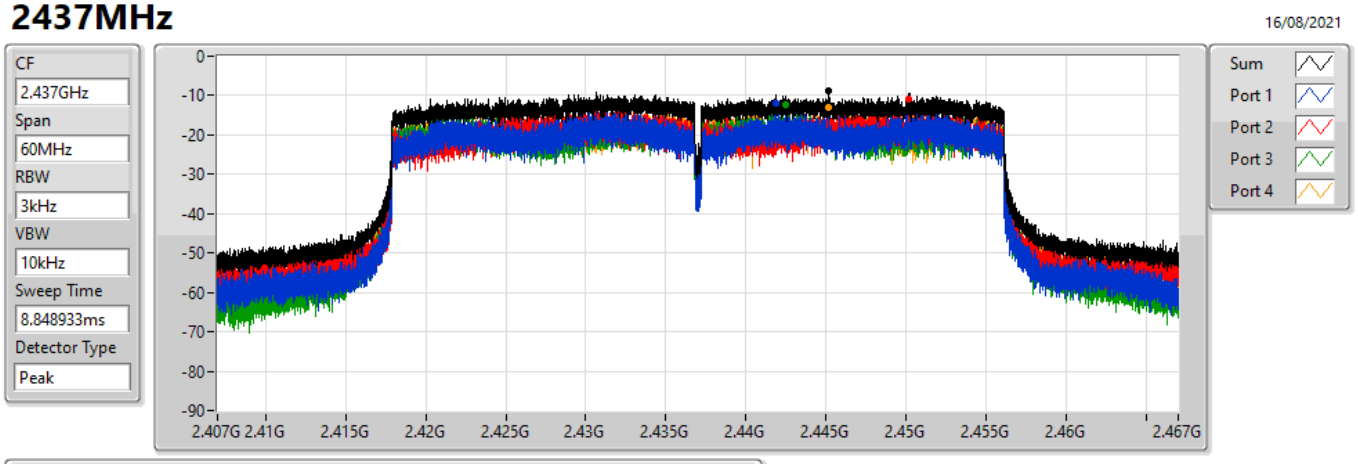
16/08/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.02	-9.02	-12.51	-11.20	-12.93	-13.00

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

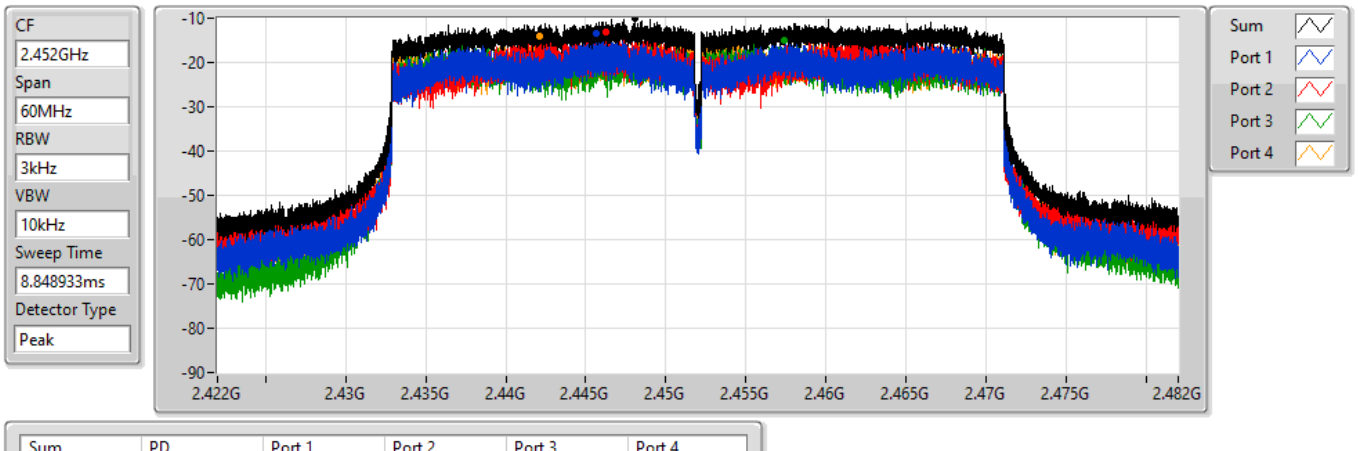
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.76	-8.76	-12.06	-10.81	-12.36	-12.98

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.07	-10.07	-13.51	-12.97	-15.05	-14.16

Summary

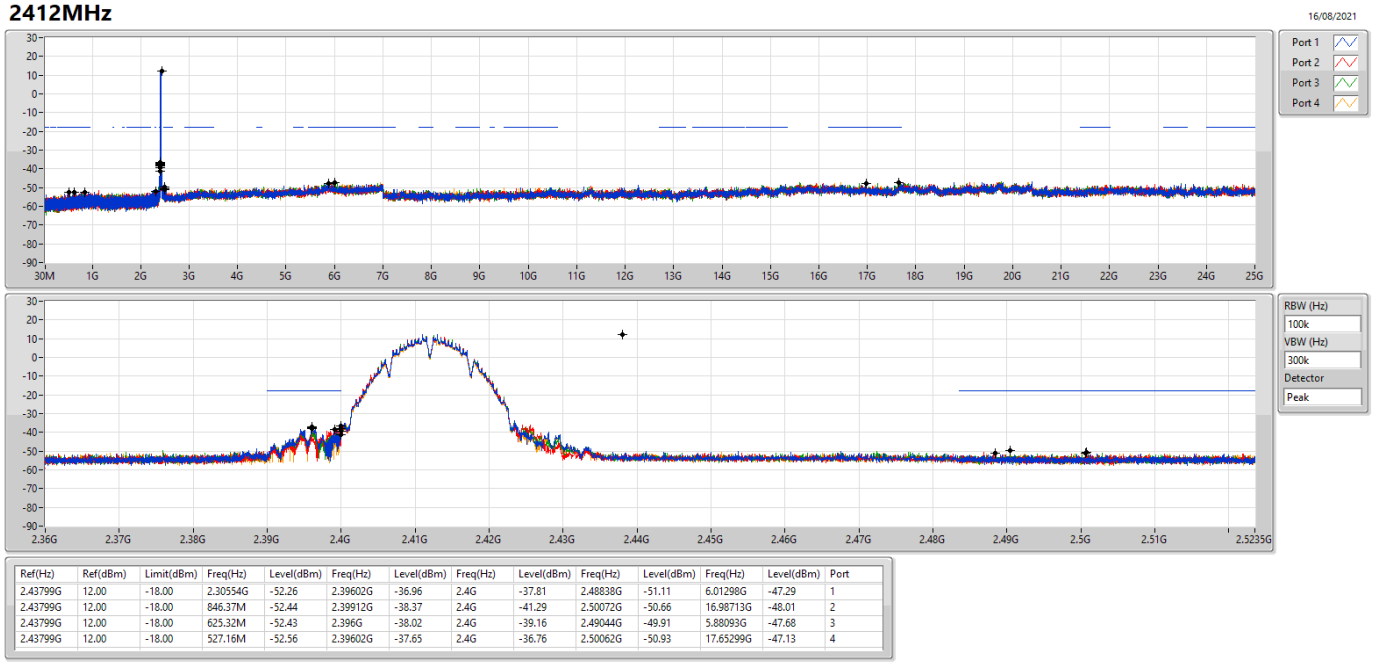
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43799G	12.00	-18.00	527.16M	-52.56	2.39602G	-37.65	2.4G	-36.76	2.50062G	-50.93	17.65299G	-47.13	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	9.89	-20.11	2.30262G	-52.25	2.39966G	-29.28	2.4G	-31.05	2.51018G	-50.63	17.69795G	-46.82	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43198G	10.19	-19.81	940.45M	-52.83	2.39998G	-29.14	2.4G	-32.12	2.48826G	-50.01	17.62771G	-47.82	4
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43077G	2.93	-27.07	2.30884G	-53.07	2.39428G	-30.03	2.4G	-33.95	2.49366G	-50.30	16.44328G	-48.06	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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	12.00	-18.00	2.30554G	-52.26	2.39602G	-36.96	2.4G	-37.81	2.48838G	-51.11	6.01298G	-47.29	1
2412MHz	Pass	2.43799G	12.00	-18.00	846.37M	-52.44	2.39912G	-38.37	2.4G	-41.29	2.50072G	-50.66	16.98713G	-48.01	2
2412MHz	Pass	2.43799G	12.00	-18.00	625.32M	-52.43	2.396G	-38.02	2.4G	-39.16	2.49044G	-49.91	5.88093G	-47.68	3
2412MHz	Pass	2.43799G	12.00	-18.00	527.16M	-52.56	2.39602G	-37.65	2.4G	-36.76	2.50062G	-50.93	17.65299G	-47.13	4
2437MHz	Pass	2.43799G	12.00	-18.00	2.13661G	-51.91	2.39798G	-45.35	2.4G	-48.96	2.48402G	-48.09	6.96823G	-47.62	1
2437MHz	Pass	2.43799G	12.00	-18.00	1.65314G	-53.15	2.39802G	-43.58	2.4G	-49.44	2.48398G	-47.65	6.97947G	-46.83	2
2437MHz	Pass	2.43799G	12.00	-18.00	914.24M	-52.33	2.39926G	-45.39	2.4G	-50.20	2.49698G	-48.44	14.88838G	-46.90	3
2437MHz	Pass	2.43799G	12.00	-18.00	631.43M	-52.82	2.396G	-47.90	2.4835G	-51.56	2.486G	-49.04	17.68109G	-47.08	4
2462MHz	Pass	2.43799G	12.00	-18.00	865.31M	-52.41	2.39636G	-50.04	2.4835G	-41.41	2.4835G	-40.78	16.22574G	-47.34	1
2462MHz	Pass	2.43799G	12.00	-18.00	2.15729G	-52.34	2.39774G	-51.11	2.4835G	-47.61	2.48494G	-47.78	6.94013G	-46.92	2
2462MHz	Pass	2.43799G	12.00	-18.00	2.037G	-52.40	2.39702G	-51.42	2.4G	-53.82	2.4853G	-48.55	5.50726G	-48.04	3
2462MHz	Pass	2.43799G	12.00	-18.00	793.08M	-52.15	2.3948G	-51.94	2.4835G	-53.99	2.48588G	-49.32	17.66704G	-47.40	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	9.89	-20.11	2.30262G	-52.25	2.39966G	-29.28	2.4G	-31.05	2.51018G	-50.63	17.69795G	-46.82	1
2412MHz	Pass	2.442G	9.89	-20.11	2.30029G	-52.32	2.39984G	-29.99	2.4G	-31.08	2.48648G	-51.03	17.66985G	-47.02	2
2412MHz	Pass	2.442G	9.89	-20.11	2.15613G	-52.96	2.4G	-29.85	2.4G	-31.16	2.50694G	-51.21	17.66704G	-46.95	3
2412MHz	Pass	2.442G	9.89	-20.11	2.1005G	-52.68	2.39976G	-31.03	2.4G	-30.39	2.49654G	-50.80	16.34936G	-47.28	4
2437MHz	Pass	2.442G	9.89	-20.11	2.30903G	-51.33	2.39988G	-36.02	2.4G	-38.62	2.48388G	-39.91	6.44565G	-46.72	1
2437MHz	Pass	2.442G	9.89	-20.11	2.18409G	-51.90	2.39702G	-36.54	2.4G	-40.60	2.4836G	-41.55	16.41117G	-47.23	2
2437MHz	Pass	2.442G	9.89	-20.11	1.9039G	-52.77	2.39952G	-35.17	2.4G	-40.39	2.48604G	-42.50	5.88936G	-46.39	3
2437MHz	Pass	2.442G	9.89	-20.11	2.02565G	-52.57	2.39828G	-35.93	2.4G	-38.89	2.48514G	-42.47	5.71516G	-47.67	4
2462MHz	Pass	2.442G	9.89	-20.11	860.06M	-51.41	2.39378G	-51.15	2.4835G	-42.01	2.48484G	-39.92	16.23697G	-47.16	1
2462MHz	Pass	2.442G	9.89	-20.11	2.18554G	-52.87	2.39084G	-51.50	2.4835G	-43.73	2.48352G	-42.76	5.71797G	-47.48	2
2462MHz	Pass	2.442G	9.89	-20.11	2.30903G	-50.87	2.3904G	-51.78	2.4835G	-48.54	2.4836G	-46.60	5.89778G	-47.14	3
2462MHz	Pass	2.442G	9.89	-20.11	782.3M	-52.45	2.39028G	-51.27	2.4835G	-45.51	2.48452G	-40.99	15.20306G	-45.88	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43198G	10.19	-19.81	2.1669G	-51.88	2.39956G	-31.49	2.4G	-33.11	2.50934G	-50.49	16.36902G	-47.29	1
2412MHz	Pass	2.43198G	10.19	-19.81	2.12671G	-52.03	2.3997G	-30.92	2.4G	-31.61	2.50208G	-50.07	6.54117G	-46.79	2
2412MHz	Pass	2.43198G	10.19	-19.81	2.30059G	-51.15	2.39982G	-29.88	2.4G	-33.98	2.49638G	-50.41	6.69008G	-47.59	3
2412MHz	Pass	2.43198G	10.19	-19.81	940.45M	-52.83	2.39998G	-29.14	2.4G	-32.12	2.48826G	-50.01	17.62771G	-47.82	4
2437MHz	Pass	2.43198G	10.19	-19.81	953.55M	-53.10	2.39876G	-34.96	2.4G	-35.88	2.48352G	-39.90	15.27891G	-47.89	1
2437MHz	Pass	2.43198G	10.19	-19.81	2.19632G	-52.54	2.39176G	-34.27	2.4G	-36.55	2.48408G	-39.37	16.43083G	-47.31	2
2437MHz	Pass	2.43198G	10.19	-19.81	2.18409G	-51.83	2.39986G	-36.19	2.4G	-39.36	2.48362G	-42.99	16.44207G	-48.07	3
2437MHz	Pass	2.43198G	10.19	-19.81	771.23M	-52.34	2.39842G	-34.31	2.4G	-37.80	2.48414G	-40.80	6.99913G	-47.66	4
2462MHz	Pass	2.43198G	10.19	-19.81	816.67M	-53.00	2.39952G	-51.07	2.4835G	-44.01	2.48382G	-41.38	5.83597G	-47.77	1
2462MHz	Pass	2.43198G	10.19	-19.81	793.66M	-52.34	2.39018G	-50.41	2.4835G	-40.79	2.48498G	-38.18	16.28474G	-47.78	2
2462MHz	Pass	2.43198G	10.19	-19.81	2.19603G	-52.13	2.39614G	-51.45	2.4835G	-49.02	2.48676G	-46.87	6.91485G	-47.18	3
2462MHz	Pass	2.43198G	10.19	-19.81	844.34M	-52.88	2.39346G	-50.24	2.4835G	-43.79	2.4839G	-42.16	5.86126G	-47.83	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43077G	2.93	-27.07	338.86M	-52.65	2.39352G	-32.41	2.4G	-36.88	2.4837G	-48.13	6.93301G	-46.68	1
2422MHz	Pass	2.43077G	2.93	-27.07	2.30884G	-53.07	2.39428G	-30.03	2.4G	-33.95	2.49366G	-50.30	16.44328G	-48.06	2
2422MHz	Pass	2.43077G	2.93	-27.07	415.58M	-52.83	2.3994G	-36.05	2.4G	-36.49	2.48874G	-49.06	16.92006G	-46.60	3
2422MHz	Pass	2.43077G	2.93	-27.07	898.48M	-51.93	2.39996G	-32.92	2.4G	-33.09	2.4857G	-47.45	6.69743G	-46.94	4
2437MHz	Pass	2.43077G	2.93	-27.07	1.73004G	-52.61	2.39908G	-39.89	2.4835G	-43.05	2.48362G	-41.94	6.71706G	-47.56	1
2437MHz	Pass	2.43077G	2.93	-27.07	2.19205G	-52.22	2.39052G	-38.79	2.4G	-38.57	2.48394G	-43.49	17.69411G	-47.78	2
2437MHz	Pass	2.43077G	2.93	-27.07	2.30426G	-52.07	2.39992G	-42.13	2.4G	-43.52	2.48482G	-46.31	5.75509G	-46.91	3
2437MHz	Pass	2.43077G	2.93	-27.07	2.19319G	-52.27	2.39764G	-38.64	2.4G	-39.29	2.4843G	-42.20	5.89252G	-47.04	4
2452MHz	Pass	2.43077G	2.93	-27.07	762.51M	-52.44	2.3968G	-47.92	2.4835G	-41.11	2.48646G	-35.06	15.24012G	-47.52	1
2452MHz	Pass	2.43077G	2.93	-27.07	844.38M	-52.75	2.4G	-50.10	2.4835G	-41.11	2.48546G	-34.64	15.33267G	-47.15	2
2452MHz	Pass	2.43077G	2.93	-27.07	2.30139G	-52.59	2.39952G	-50.10	2.4835G	-44.81	2.48426G	-42.79	5.86167G	-47.89	3
2452MHz	Pass	2.43077G	2.93	-27.07	2.30082G	-52.20	2.39788G	-47.18	2.4835G	-41.48	2.48722G	-39.03	5.96824G	-47.36	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

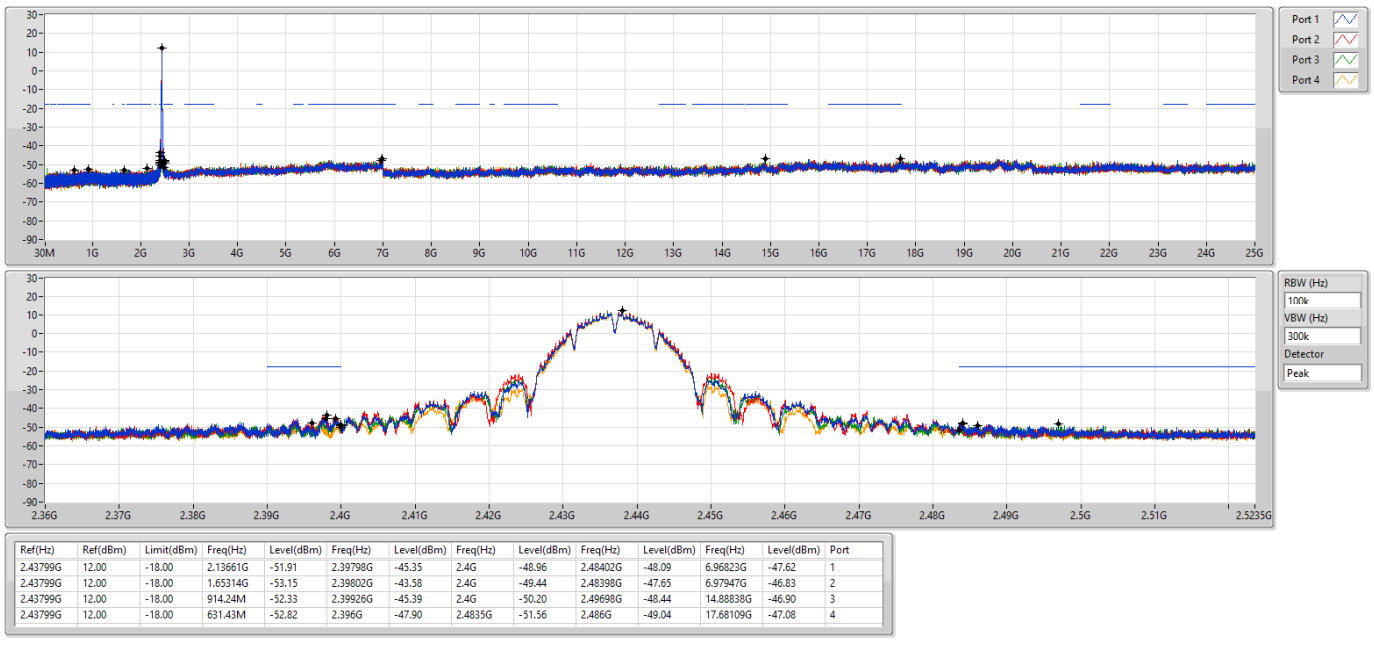
2412MHz



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	12.00	-18.00	2.30554G	-52.26	2.39602G	-36.96	2.4G	-37.81	2.48838G	-51.11	6.01298G	-47.29	1
2.43799G	12.00	-18.00	846.37M	-52.44	2.39912G	-38.37	2.4G	-41.29	2.50072G	-50.66	16.98713G	-48.01	2
2.43799G	12.00	-18.00	625.32M	-52.43	2.396G	-38.02	2.4G	-39.16	2.49044G	-49.91	5.88093G	-47.68	3
2.43799G	12.00	-18.00	527.16M	-52.56	2.39602G	-37.65	2.4G	-36.76	2.50062G	-50.93	17.65299G	-47.13	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

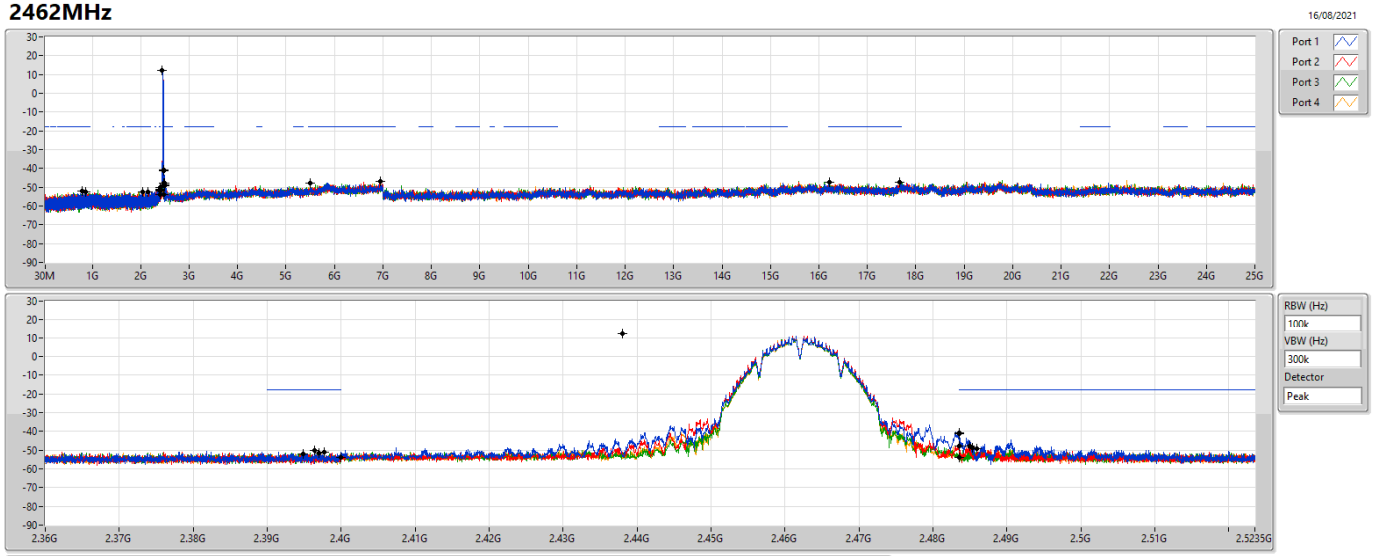
2437MHz



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	12.00	-18.00	2.13661G	-51.91	2.39798G	-45.35	2.4G	-48.96	2.48402G	-48.09	6.96823G	-47.62	1
2.43799G	12.00	-18.00	1.65314G	-53.15	2.39802G	-43.58	2.4G	-49.44	2.48398G	-47.65	6.97947G	-46.83	2
2.43799G	12.00	-18.00	914.24M	-52.33	2.39926G	-45.39	2.4G	-50.20	2.49698G	-48.44	14.88838G	-46.90	3
2.43799G	12.00	-18.00	631.43M	-52.82	2.396G	-47.90	2.4835G	-51.56	2.486G	-49.04	17.68109G	-47.08	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

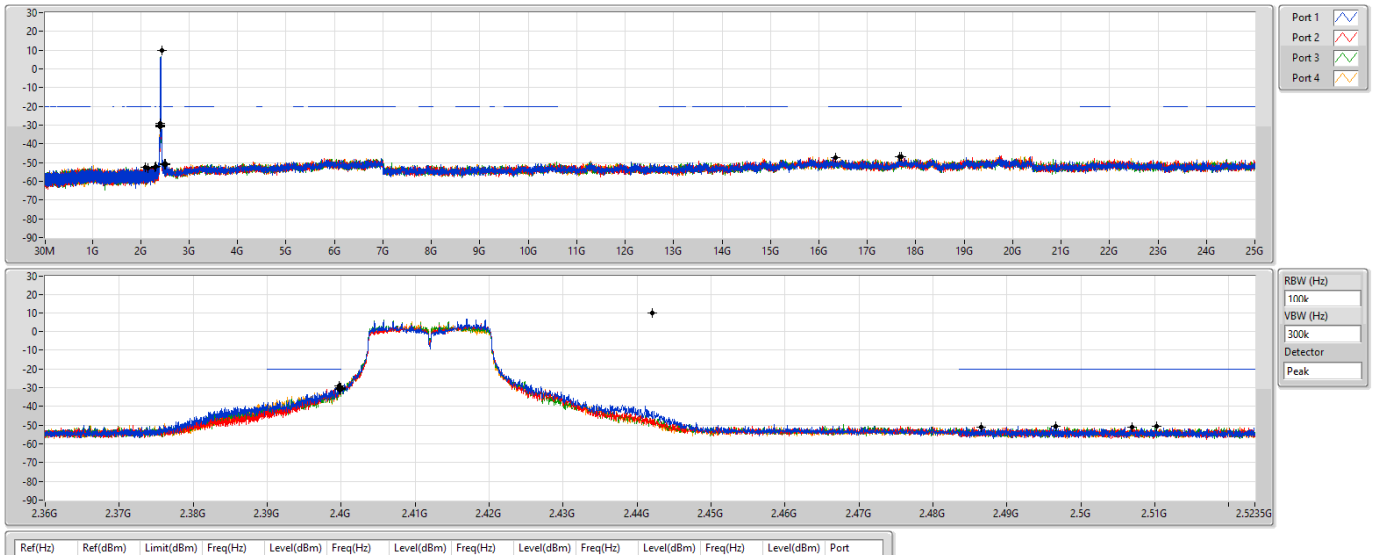
2462MHz



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	12.00	-18.00	865.31M	-52.41	2.39636G	-50.04	2.4835G	-41.41	2.4835G	-40.78	16.22574G	-47.34	1
2.43799G	12.00	-18.00	2.15729G	-52.34	2.39774G	-51.11	2.4835G	-47.61	2.48494G	-47.78	6.94013G	-46.92	2
2.43799G	12.00	-18.00	2.037G	-52.40	2.39702G	-51.42	2.4G	-53.82	2.4853G	-48.55	5.50726G	-48.04	3
2.43799G	12.00	-18.00	793.08M	-52.15	2.3948G	-51.94	2.4835G	-53.99	2.48588G	-49.32	17.66704G	-47.40	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

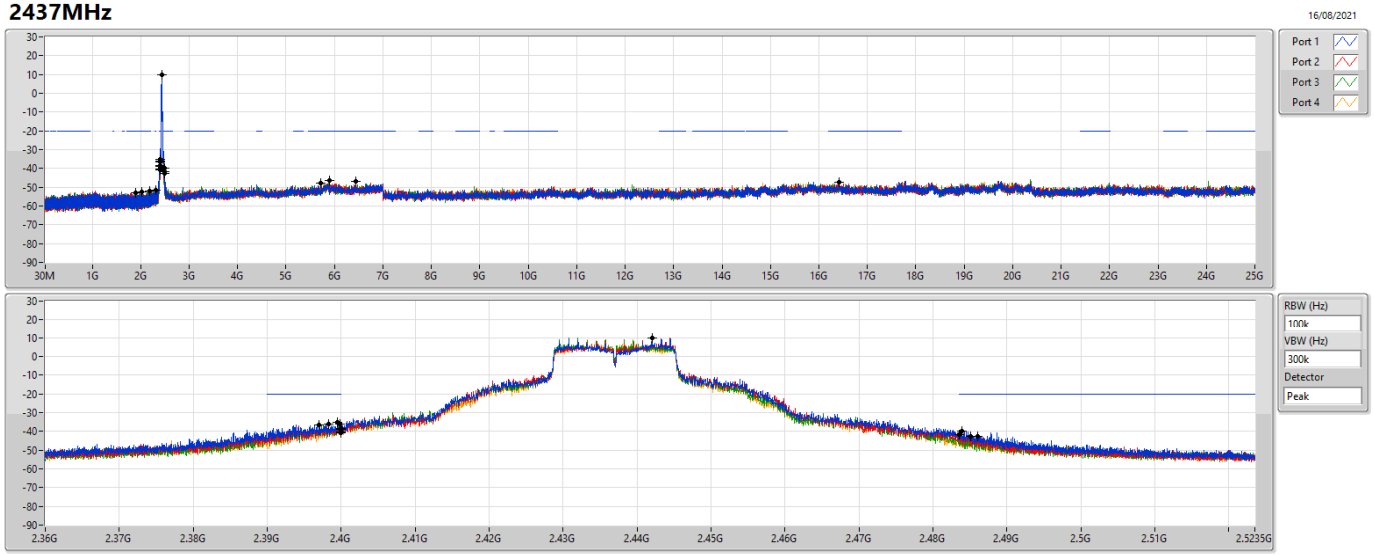
2412MHz



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
2.442G	9.89	-20.11	2.30262G	-52.25	2.39966G	-29.28	2.4G	-31.05	2.51018G	-50.63	17.69795G	-46.82	1
2.442G	9.89	-20.11	2.30029G	-52.32	2.39984G	-29.99	2.4G	-31.08	2.48648G	-51.03	17.66985G	-47.02	2
2.442G	9.89	-20.11	2.15613G	-52.96	2.4G	-29.85	2.4G	-31.16	2.50694G	-51.21	17.66704G	-46.95	3
2.442G	9.89	-20.11	2.1005G	-52.68	2.39976G	-31.03	2.4G	-30.39	2.49654G	-50.80	16.34936G	-47.28	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

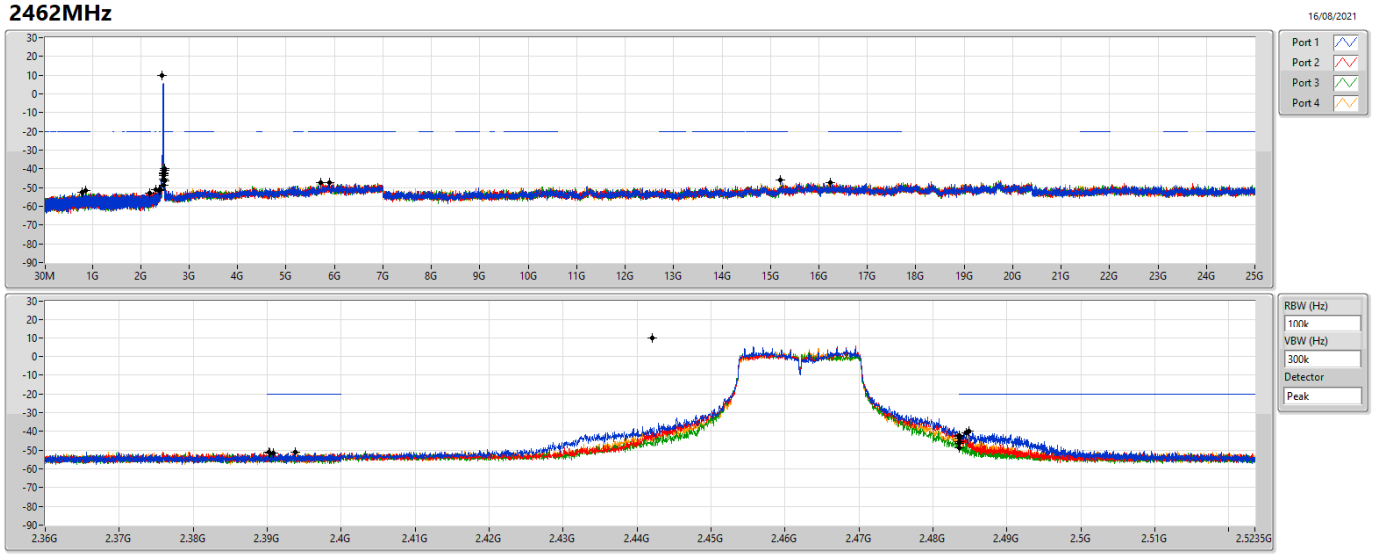
2437MHz



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
2.442G	9.89	-20.11	2.30903G	-51.33	2.39988G	-36.02	2.4G	-38.62	2.48388G	-39.91	6.44565G	-46.72	1
2.442G	9.89	-20.11	2.18409G	-51.90	2.39702G	-36.54	2.4G	-40.60	2.4836G	-41.55	16.41117G	-47.23	2
2.442G	9.89	-20.11	1.9039G	-52.77	2.39952G	-35.17	2.4G	-40.39	2.48604G	-42.50	5.88936G	-46.39	3
2.442G	9.89	-20.11	2.02565G	-52.57	2.39828G	-35.93	2.4G	-38.89	2.48514G	-42.47	5.71516G	-47.67	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

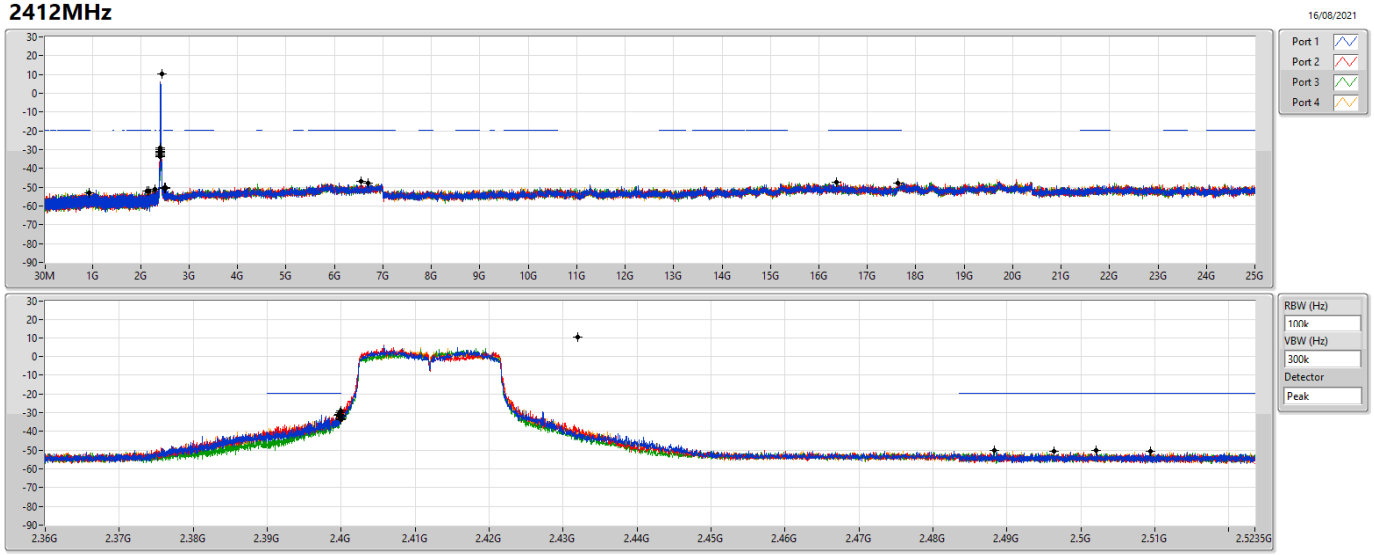
2462MHz



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
2.442G	9.89	-20.11	860.06M	-51.41	2.39378G	-51.15	2.4835G	-42.01	2.48484G	-39.92	16.23697G	-47.16	1
2.442G	9.89	-20.11	2.18554G	-52.87	2.39084G	-51.50	2.4835G	-43.73	2.48352G	-42.76	5.71797G	-47.48	2
2.442G	9.89	-20.11	2.30903G	-50.87	2.3904G	-51.78	2.4835G	-48.54	2.4836G	-46.60	5.89778G	-47.14	3
2.442G	9.89	-20.11	782.3M	-52.45	2.39028G	-51.27	2.4835G	-45.51	2.48452G	-40.99	15.20306G	-45.88	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

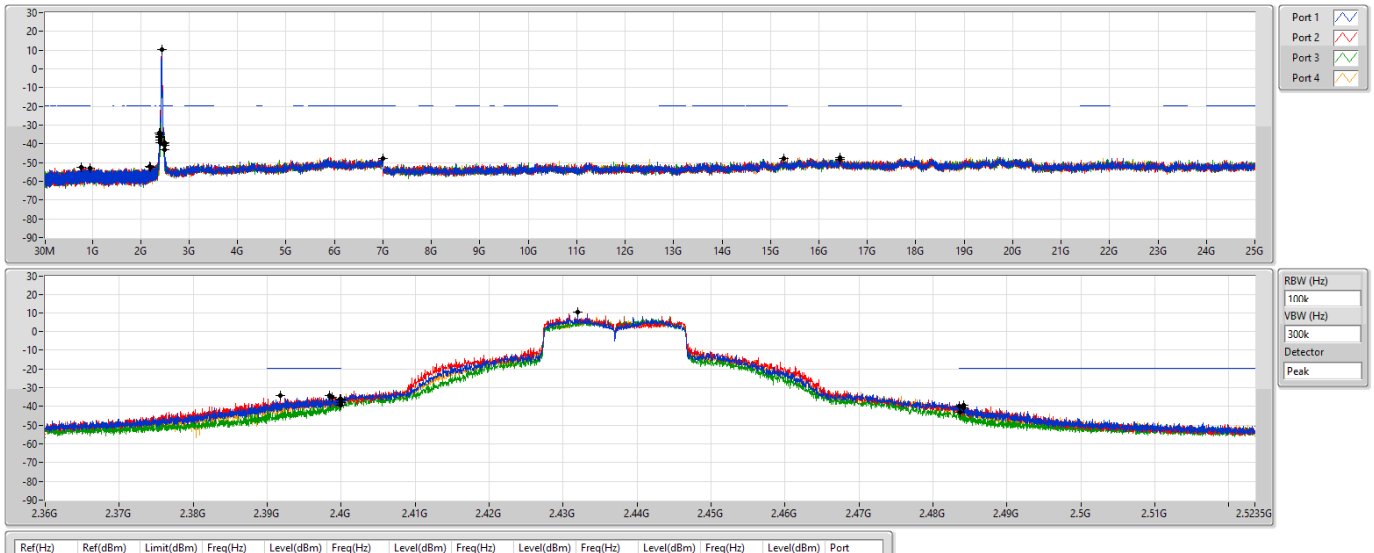
2412MHz



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
2.43198G	10.19	-19.81	2.1669G	-51.88	2.39956G	-31.49	2.4G	-33.11	2.50934G	-50.49	16.36902G	-47.29	1
2.43198G	10.19	-19.81	2.12671G	-52.03	2.3997G	-30.92	2.4G	-31.61	2.50208G	-50.07	6.54117G	-46.79	2
2.43198G	10.19	-19.81	2.30059G	-51.15	2.39982G	-29.88	2.4G	-33.98	2.49638G	-50.41	6.69008G	-47.59	3
2.43198G	10.19	-19.81	940.45M	-52.83	2.39998G	-29.14	2.4G	-32.12	2.48826G	-50.01	17.62771G	-47.82	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

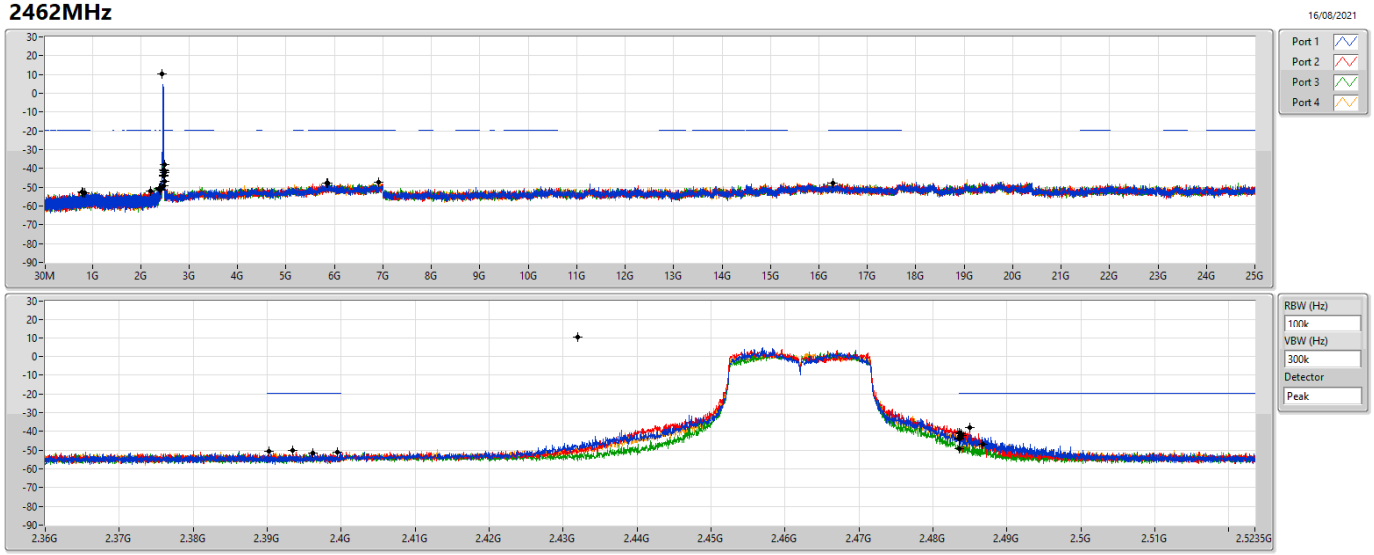
2437MHz



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
2.43198G	10.19	-19.81	953.55M	-53.10	2.39876G	-34.96	2.4G	-35.88	2.48352G	-39.90	15.27891G	-47.89	1
2.43198G	10.19	-19.81	2.19632G	-52.54	2.39176G	-34.27	2.4G	-36.55	2.48408G	-39.37	16.43083G	-47.31	2
2.43198G	10.19	-19.81	2.18409G	-51.83	2.39986G	-36.19	2.4G	-39.36	2.48362G	-42.99	16.44207G	-48.07	3
2.43198G	10.19	-19.81	771.23M	-52.34	2.39842G	-34.31	2.4G	-37.80	2.48414G	-40.80	6.99913G	-47.66	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

2462MHz



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
2.43198G	10.19	-19.81	816.67M	-53.00	2.39952G	-51.07	2.4835G	-44.01	2.48382G	-41.38	5.83597G	-47.77	1
2.43198G	10.19	-19.81	793.66M	-52.34	2.39018G	-50.41	2.4835G	-40.79	2.48498G	-38.18	16.28474G	-47.78	2
2.43198G	10.19	-19.81	2.19603G	-52.13	2.39614G	-51.45	2.4835G	-49.02	2.48676G	-46.87	6.91485G	-47.18	3
2.43198G	10.19	-19.81	844.34M	-52.88	2.39346G	-50.24	2.4835G	-43.79	2.4839G	-42.16	5.86126G	-47.83	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2422MHz

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
2.43077G	2.93	-27.07	338.86M	-52.65	2.39352G	-32.41	2.4G	-36.88	2.4837G	-48.13	6.93301G	-46.68	1
2.43077G	2.93	-27.07	2.30884G	-53.07	2.39428G	-30.03	2.4G	-33.95	2.49366G	-50.30	16.44328G	-48.06	2
2.43077G	2.93	-27.07	415.58M	-52.83	2.3994G	-36.05	2.4G	-36.49	2.48874G	-49.06	16.92006G	-46.60	3
2.43077G	2.93	-27.07	898.48M	-51.93	2.39996G	-32.92	2.4G	-33.09	2.4857G	-47.45	6.69743G	-46.94	4

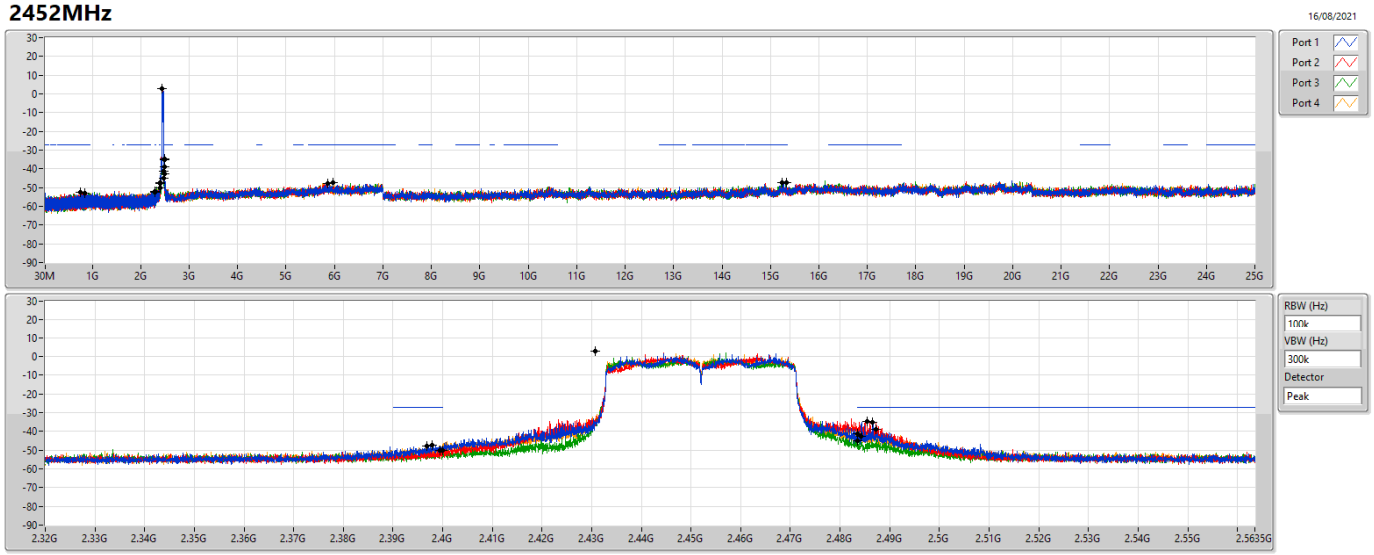
802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2437MHz

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
2.43077G	2.93	-27.07	1.73004G	-52.61	2.39908G	-39.89	2.4835G	-43.05	2.48362G	-41.94	6.71706G	-47.56	1
2.43077G	2.93	-27.07	2.19205G	-52.22	2.39052G	-38.79	2.4G	-38.57	2.48394G	-43.49	17.69411G	-47.78	2
2.43077G	2.93	-27.07	2.30426G	-52.07	2.39992G	-42.13	2.4G	-43.52	2.48482G	-46.31	5.75509G	-46.91	3
2.43077G	2.93	-27.07	2.19319G	-52.27	2.39764G	-38.64	2.4G	-39.29	2.4843G	-42.20	5.89252G	-47.04	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2452MHz



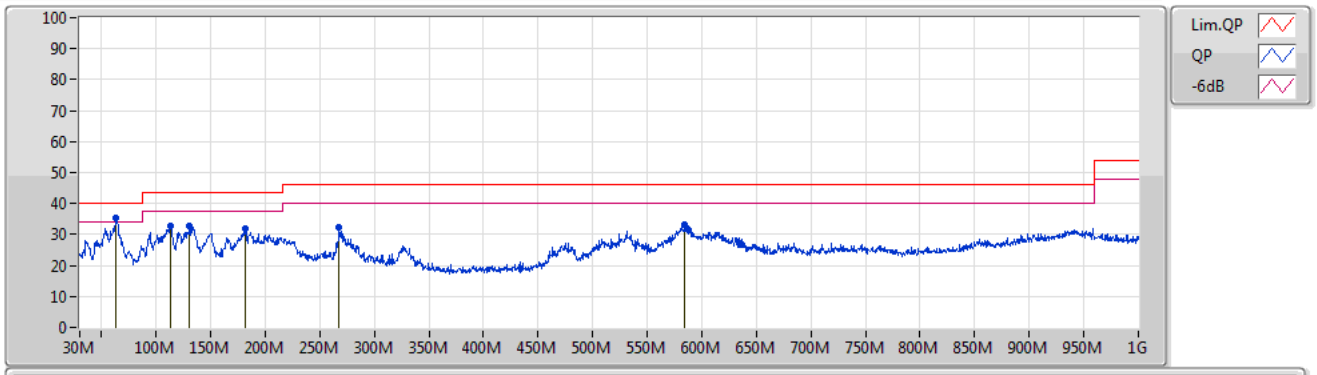
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	2.93	-27.07	762.51M	-52.44	2.3968G	-47.92	2.4835G	-41.11	2.48646G	-35.06	15.24012G	-47.52	1
2.43077G	2.93	-27.07	844.38M	-52.75	2.4G	-50.10	2.4835G	-41.11	2.48546G	-34.64	15.33267G	-47.15	2
2.43077G	2.93	-27.07	2.30139G	-52.59	2.39952G	-50.10	2.4835G	-44.81	2.48426G	-42.79	5.86167G	-47.89	3
2.43077G	2.93	-27.07	2.30082G	-52.20	2.39788G	-47.18	2.4835G	-41.48	2.48722G	-39.03	5.96824G	-47.36	4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	63.47M	35.52	40.00	-4.48	Vertical

Mode 3

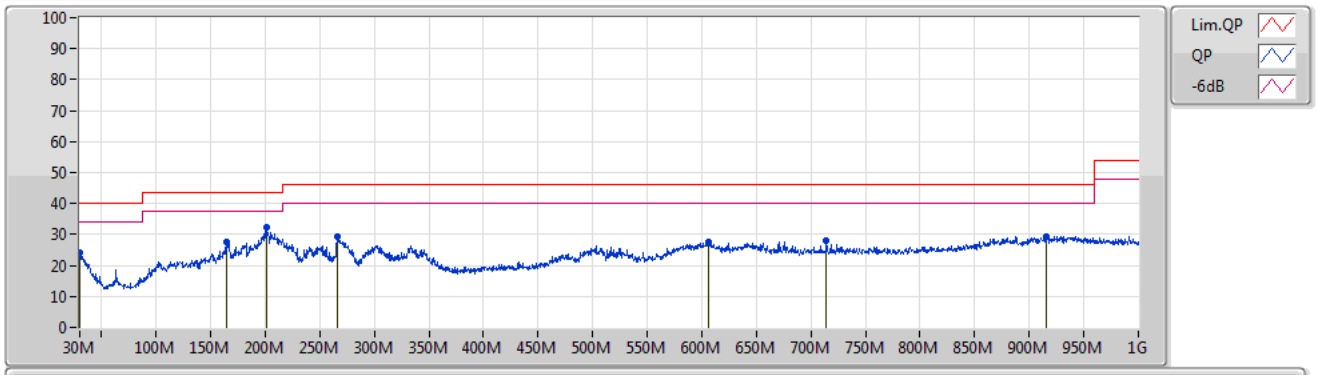
12/07/2021



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	63.47M	35.52	40.00	-4.48	-13.65	3	Vertical	247	1.00	"Worst"	49.17	12.43	1.77	27.85
PK	113.42M	32.59	43.50	-10.91	-7.04	3	Vertical	115	2.00	-	39.63	18.06	2.60	27.70
PK	130.88M	32.57	43.50	-10.93	-6.90	3	Vertical	356	3.00	-	39.47	17.83	2.86	27.59
PK	181.32M	32.10	43.50	-11.40	-8.60	3	Vertical	4	1.00	-	40.70	15.25	3.51	27.36
PK	267.65M	32.33	46.00	-13.67	-10.18	3	Vertical	338	3.00	-	42.51	12.62	3.54	26.34
PK	584.36M	33.25	46.00	-12.75	-3.02	3	Vertical	338	4.00	-	36.27	19.53	5.31	27.86

Mode 3

12/07/2021



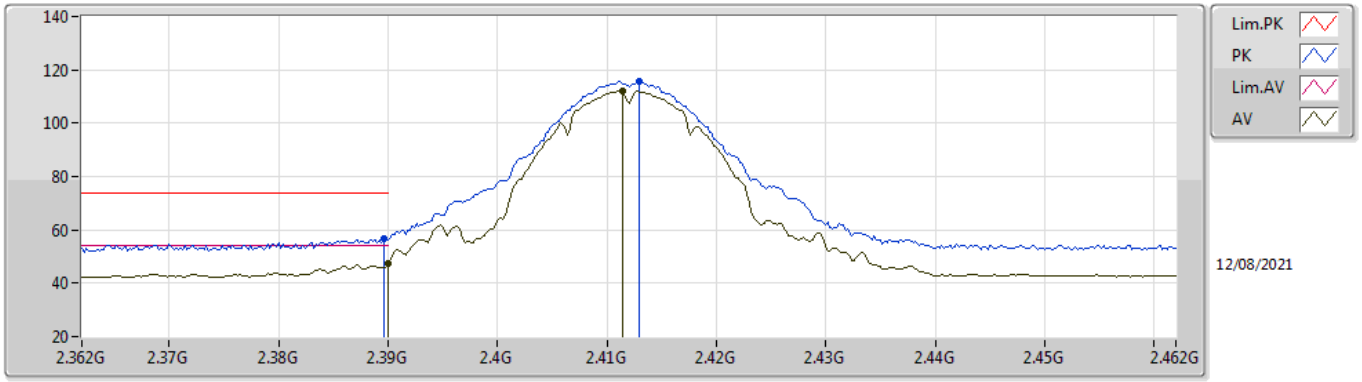
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.49M	24.19	40.00	-15.81	-3.21	3	Horizontal	37	1.00	-	27.40	23.65	1.02	27.88
PK	164.83M	27.39	43.50	-16.11	-8.39	3	Horizontal	53	1.00	-	35.78	15.82	3.27	27.48
PK	200.72M	32.14	43.50	-11.36	-7.13	3	Horizontal	247	2.00	"Worst"	39.27	16.44	3.01	26.58
PK	266.68M	29.15	46.00	-16.85	-10.20	3	Horizontal	53	1.00	-	39.35	12.61	3.53	26.34
PK	606.67M	27.51	46.00	-18.49	-3.33	3	Horizontal	153	3.00	-	30.84	19.06	5.43	27.82
PK	714.34M	28.22	46.00	-17.78	-1.40	3	Horizontal	89	4.00	-	29.62	20.38	5.86	27.64
PK	915.61M	29.50	46.00	-16.50	2.06	3	Horizontal	0	2.00	-	27.44	21.89	6.72	26.55

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.3896G	53.97	54.00	-0.03	3	Horizontal	251	1.72	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

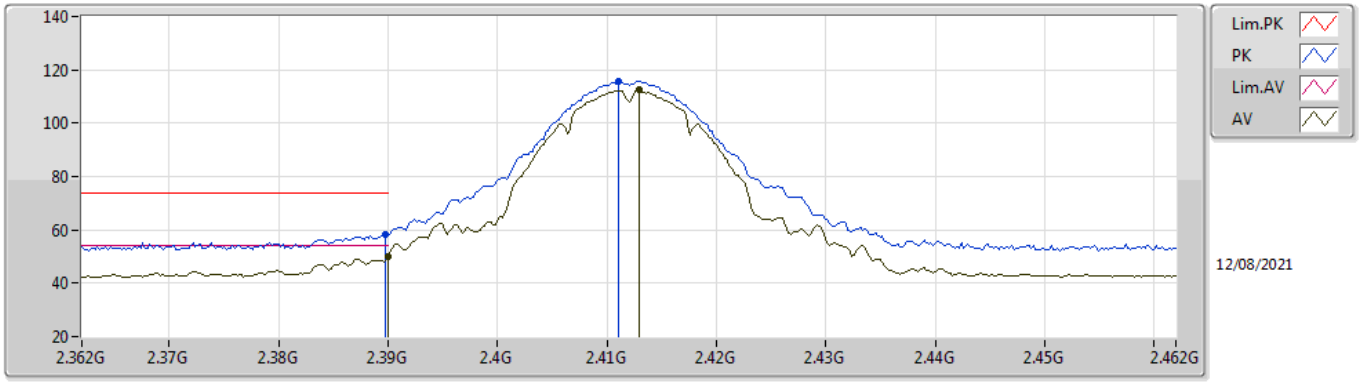


EUT X_4TX
Setting 20
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	56.84	74.00	-17.16	27.27	3	Vertical	12	2.49	-	27.38	2.19	-
AV	2.39G	47.48	54.00	-6.52	17.91	3	Vertical	12	2.49	-	27.38	2.19	-
PK	2.413G	115.67	Inf	-Inf	86.03	3	Vertical	12	2.49	-	27.43	2.21	-
AV	2.4114G	112.22	Inf	-Inf	82.59	3	Vertical	12	2.49	-	27.42	2.21	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

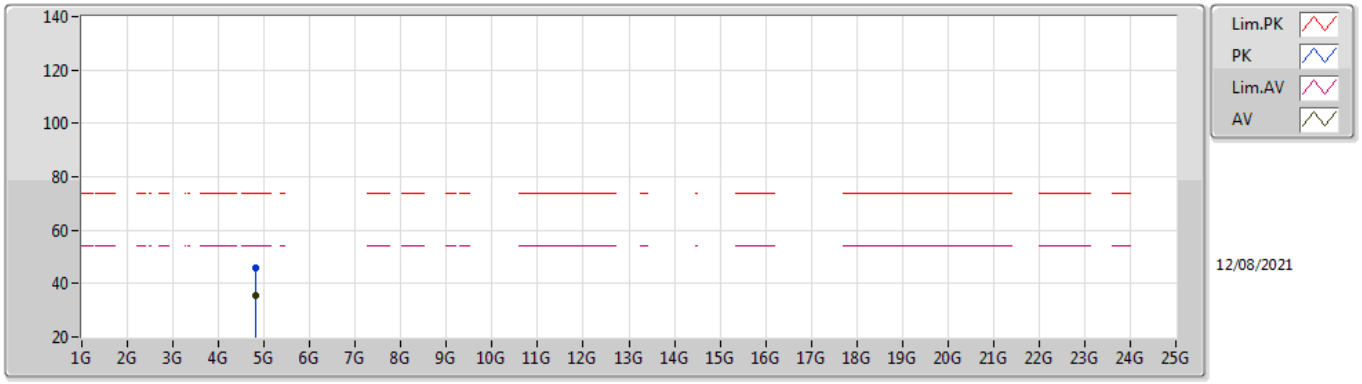


EUT X_4TX
Setting 20
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	58.20	74.00	-15.80	28.63	3	Horizontal	322	2.35	-	27.38	2.19	-
AV	2.39G	50.21	54.00	-3.79	20.64	3	Horizontal	322	2.35	-	27.38	2.19	-
PK	2.411G	115.80	Inf	-Inf	86.17	3	Horizontal	322	2.35	-	27.42	2.21	-
AV	2.413G	112.61	Inf	-Inf	82.97	3	Horizontal	322	2.35	-	27.43	2.21	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

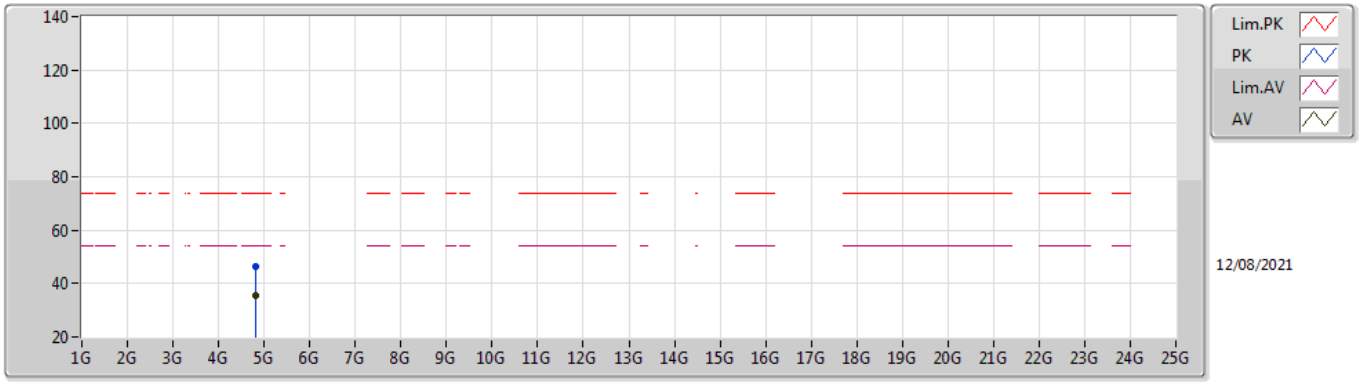


EUT X_4TX
Setting 20
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82388G	45.92	74.00	-28.08	41.65	3	Vertical	0	1.45	-	32.24	5.01	32.98
AV	4.824G	35.26	54.00	-18.74	30.99	3	Vertical	0	1.45	-	32.24	5.01	32.98

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

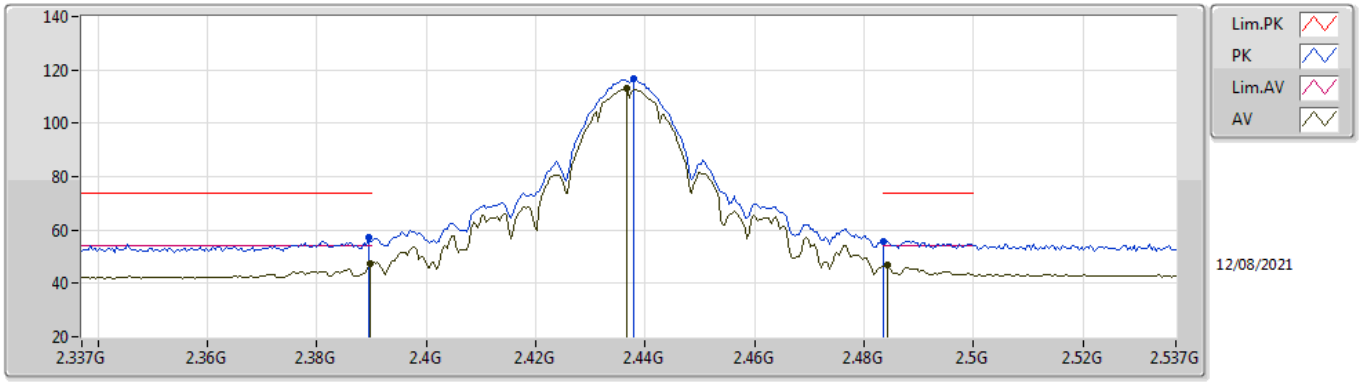


EUT X_4TX
Setting 20
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82346G	46.31	74.00	-27.69	42.04	3	Horizontal	4.0	1.58	-	32.24	5.01	32.98
AV	4.82412G	35.47	54.00	-18.53	31.20	3	Horizontal	4.0	1.58	-	32.24	5.01	32.98

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

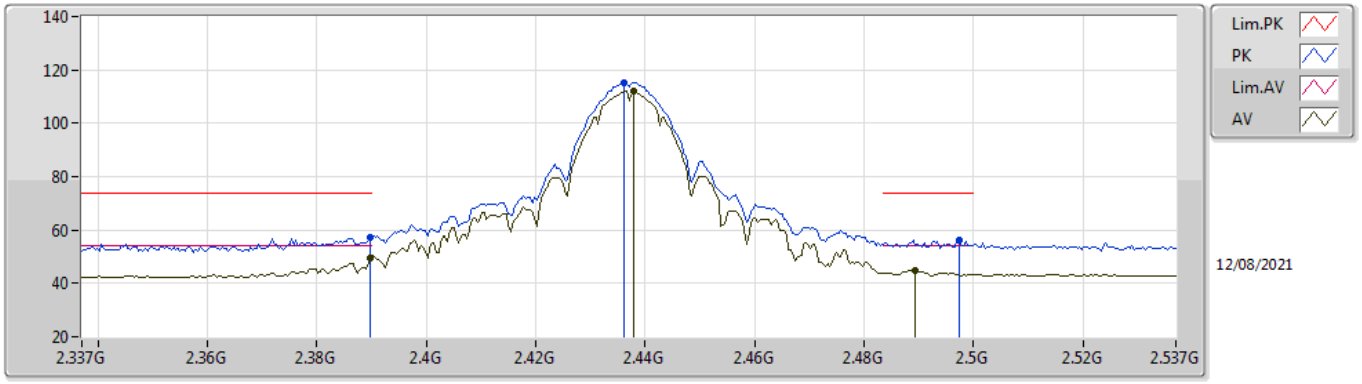


EUT X_4TX
Setting 21.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	57.18	74.00	-16.82	27.61	3	Vertical	9	2.80	-	27.38	2.19	-
AV	2.3898G	47.22	54.00	-6.78	17.65	3	Vertical	9	2.80	-	27.38	2.19	-
PK	2.4378G	116.48	Inf	-Inf	86.76	3	Vertical	9	2.80	-	27.48	2.24	-
AV	2.4366G	112.91	Inf	-Inf	83.20	3	Vertical	9	2.80	-	27.47	2.24	-
PK	2.4835G	55.92	74.00	-18.08	25.94	3	Vertical	9	2.80	-	27.70	2.28	-
AV	2.4842G	46.82	54.00	-7.18	16.83	3	Vertical	9	2.80	-	27.71	2.28	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

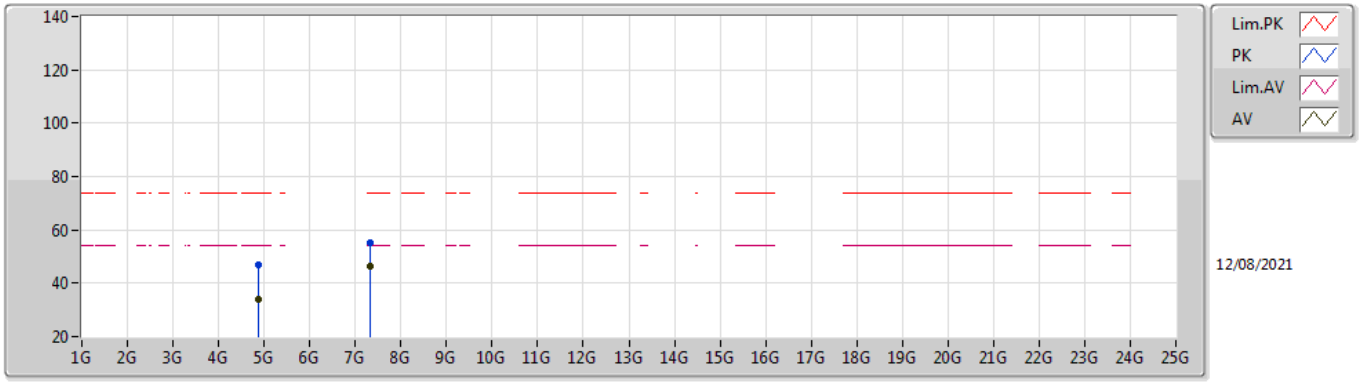


EUT X_4TX
Setting 21.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	57.14	74.00	-16.86	27.57	3	Horizontal	66	1.55	-	27.38	2.19	-
AV	2.3898G	49.57	54.00	-4.43	20.00	3	Horizontal	66	1.55	-	27.38	2.19	-
PK	2.4362G	115.38	Inf	-Inf	85.67	3	Horizontal	66	1.55	-	27.47	2.24	-
AV	2.4378G	112.07	Inf	-Inf	82.35	3	Horizontal	66	1.55	-	27.48	2.24	-
PK	2.4974G	56.22	74.00	-17.78	26.14	3	Horizontal	66	1.55	-	27.78	2.30	-
AV	2.4894G	44.96	54.00	-9.04	14.93	3	Horizontal	66	1.55	-	27.74	2.29	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

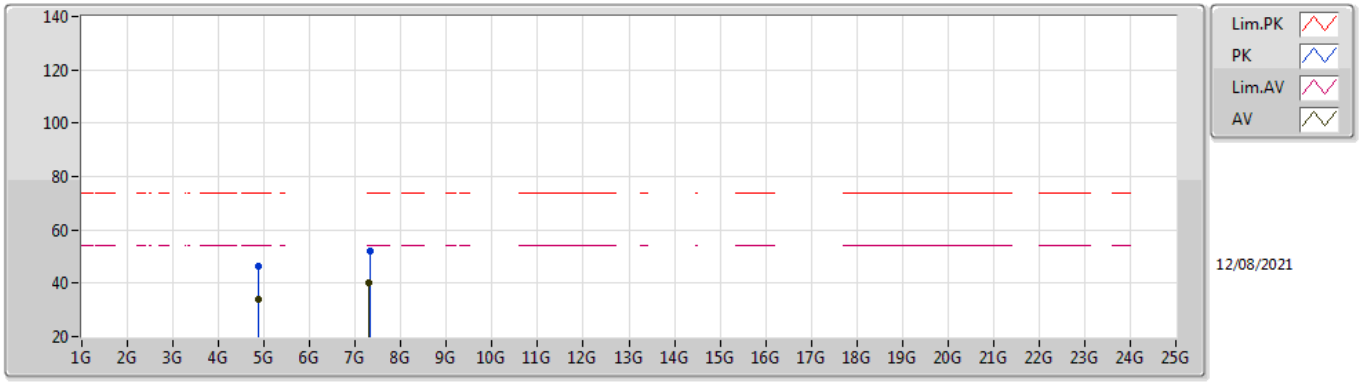


EUT X_4TX
Setting 21.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87382G	46.70	74.00	-27.30	42.19	3	Vertical	0	3.00	-	32.45	5.04	32.98
AV	4.87406G	34.02	54.00	-19.98	29.51	3	Vertical	0	3.00	-	32.45	5.04	32.98
PK	7.31136G	54.96	74.00	-19.04	44.58	3	Vertical	84	1.80	-	37.15	6.31	33.08
AV	7.31028G	46.40	54.00	-7.60	36.03	3	Vertical	84	1.80	-	37.14	6.31	33.08

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

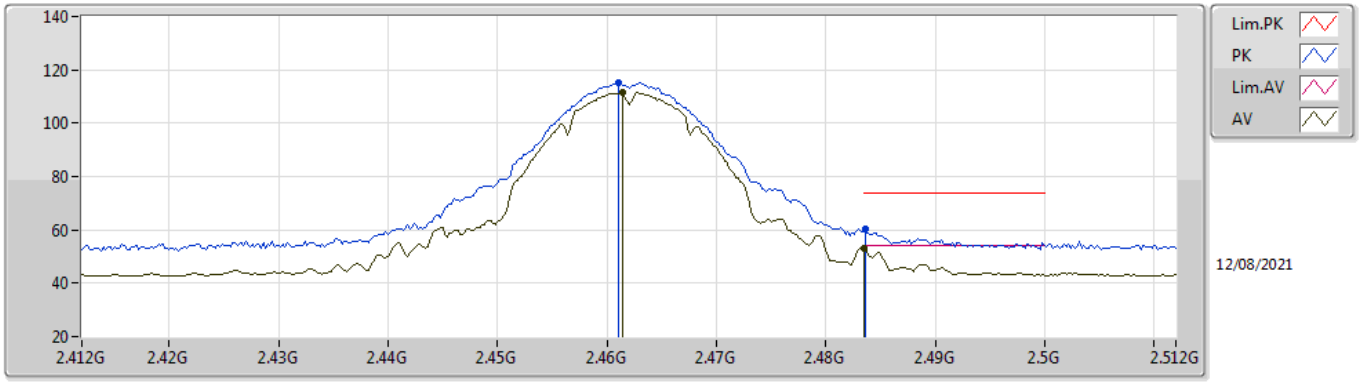


EUT X_4TX
Setting 21.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88348G	46.34	74.00	-27.66	41.81	3	Horizontal	4	1.80	-	32.47	5.04	32.98
AV	4.87408G	33.95	54.00	-20.05	29.44	3	Horizontal	4	1.80	-	32.45	5.04	32.98
PK	7.3155G	51.88	74.00	-22.12	41.48	3	Horizontal	42	2.06	-	37.16	6.32	33.08
AV	7.31016G	40.27	54.00	-13.73	29.90	3	Horizontal	42	2.06	-	37.14	6.31	33.08

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

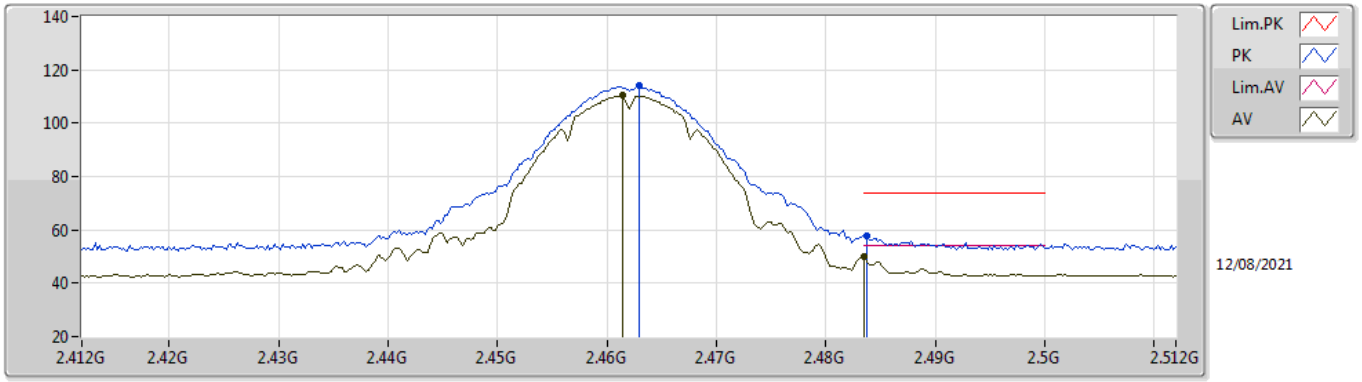


EUT X_4TX
Setting 19.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	115.14	Inf	-Inf	85.31	3	Vertical	10	2.72	-	27.57	2.26	-
AV	2.4614G	111.52	Inf	-Inf	81.69	3	Vertical	10	2.72	-	27.57	2.26	-
PK	2.4836G	60.15	74.00	-13.85	30.17	3	Vertical	10	2.72	-	27.70	2.28	-
AV	2.4835G	53.28	54.00	-0.72	23.30	3	Vertical	10	2.72	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

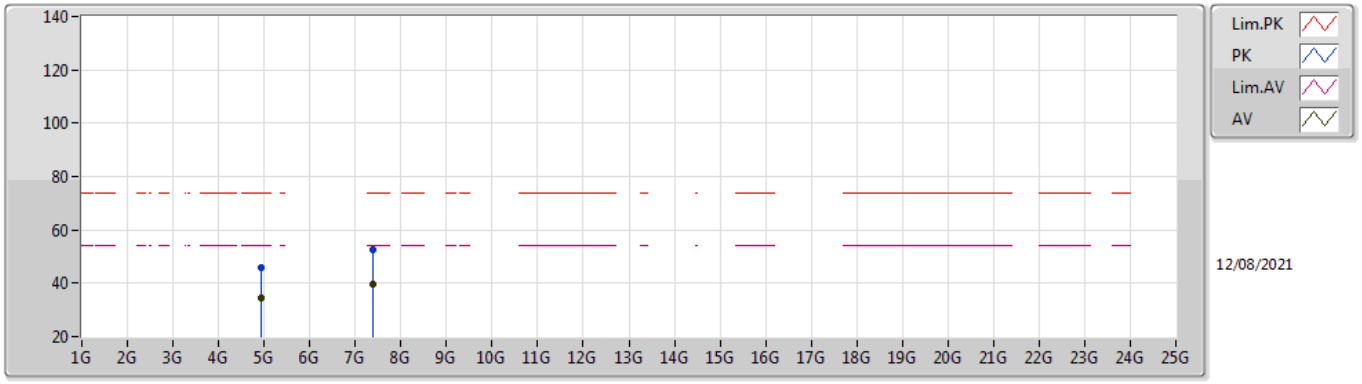


EUT X_4TX
Setting 19.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	113.88	Inf	-Inf	84.04	3	Horizontal	329	1.84	-	27.58	2.26	-
AV	2.4614G	110.26	Inf	-Inf	80.43	3	Horizontal	329	1.84	-	27.57	2.26	-
PK	2.4838G	57.72	74.00	-16.28	27.74	3	Horizontal	329	1.84	-	27.70	2.28	-
AV	2.4835G	50.03	54.00	-3.97	20.05	3	Horizontal	329	1.84	-	27.70	2.28	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

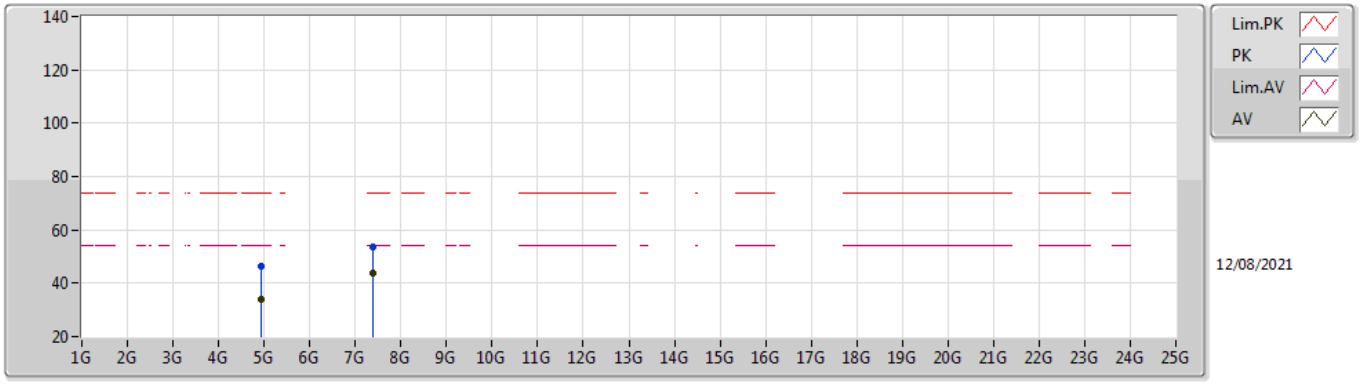


EUT X_4TX
Setting 19.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91944G	46.12	74.00	-27.88	41.41	3	Vertical	0	1.35	-	32.62	5.06	32.97
AV	4.92388G	34.30	54.00	-19.70	29.57	3	Vertical	0	1.35	-	32.64	5.06	32.97
PK	7.38624G	52.52	74.00	-21.48	41.88	3	Vertical	112	1.80	-	37.30	6.39	33.05
AV	7.39836G	39.47	54.00	-14.53	28.82	3	Vertical	112	1.80	-	37.30	6.40	33.05

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

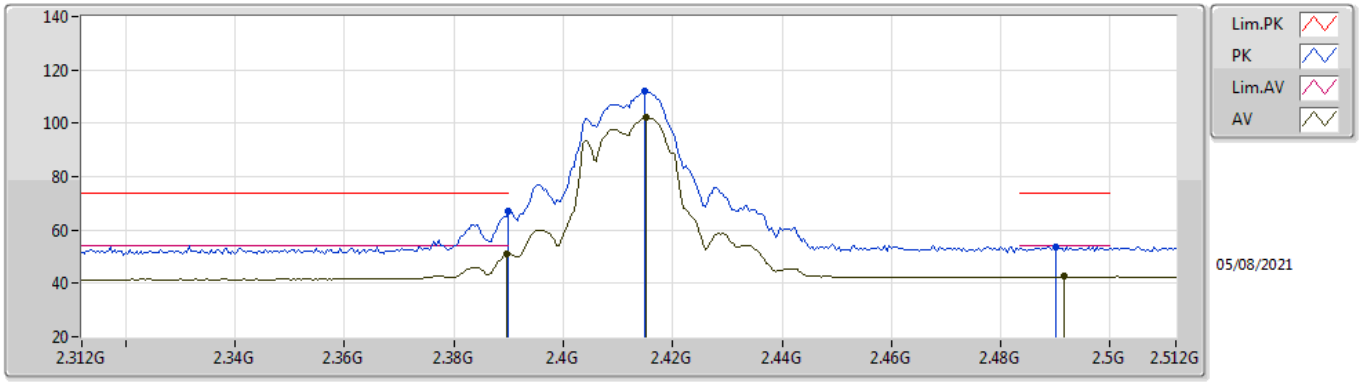


EUT X_4TX
Setting 19.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9219G	46.33	74.00	-27.67	41.61	3	Horizontal	26	1.67	-	32.63	5.06	32.97
AV	4.92406G	33.86	54.00	-20.14	29.13	3	Horizontal	26	1.67	-	32.64	5.06	32.97
PK	7.38762G	53.52	74.00	-20.48	42.88	3	Horizontal	45	1.73	-	37.30	6.39	33.05
AV	7.38522G	43.62	54.00	-10.38	32.98	3	Horizontal	45	1.73	-	37.30	6.39	33.05

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

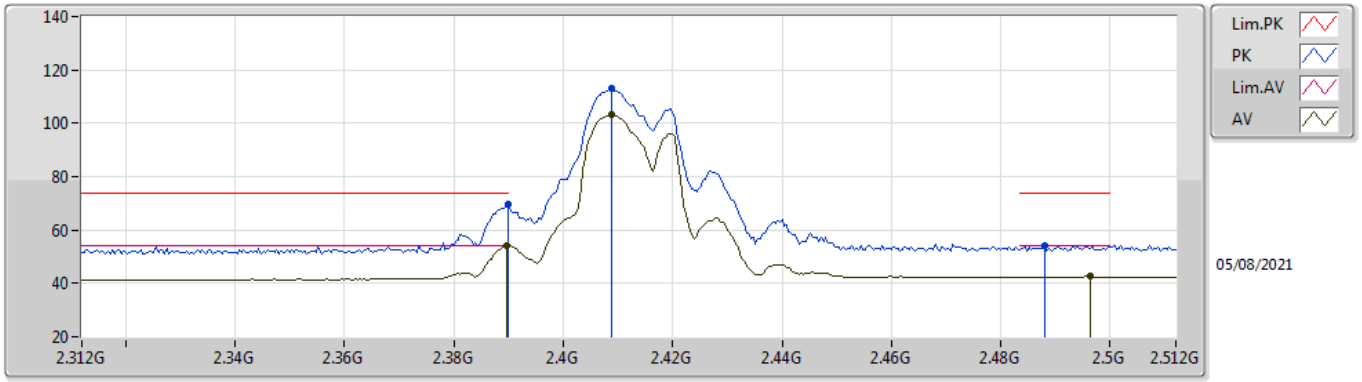


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.26	74.00	-6.74	37.69	3	Vertical	272	2.51	-	27.38	2.19	-
AV	2.3896G	51.06	54.00	-2.94	21.49	3	Vertical	272	2.51	-	27.38	2.19	-
PK	2.4148G	112.11	Inf	-Inf	82.47	3	Vertical	272	2.51	-	27.43	2.21	-
AV	2.4152G	102.39	Inf	-Inf	72.74	3	Vertical	272	2.51	-	27.43	2.22	-
PK	2.49G	53.48	74.00	-20.52	23.45	3	Vertical	272	2.51	-	27.74	2.29	-
AV	2.4916G	42.58	54.00	-11.42	12.54	3	Vertical	272	2.51	-	27.75	2.29	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

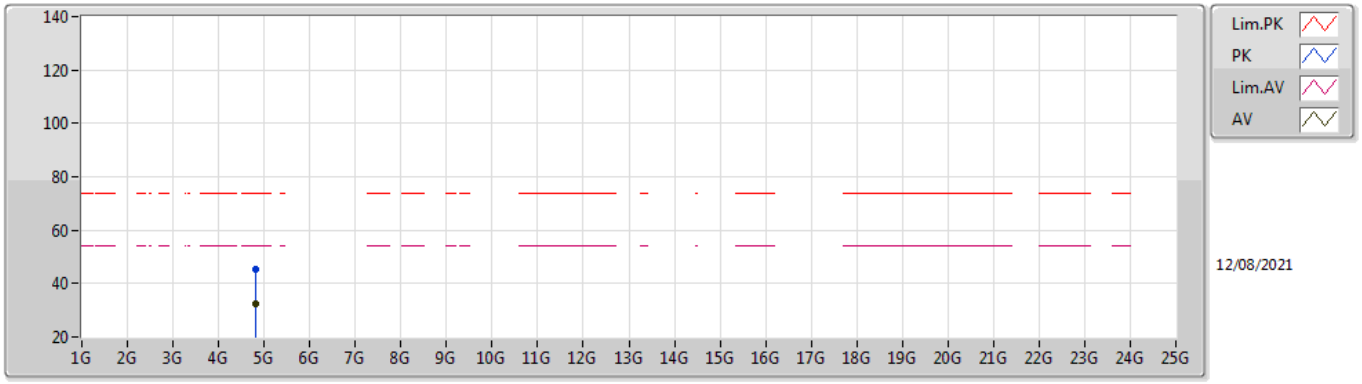


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	69.56	74.00	-4.44	39.99	3	Horizontal	251	1.72	-	27.38	2.19	-
AV	2.3896G	53.97	54.00	-0.03	24.40	3	Horizontal	251	1.72	-	27.38	2.19	-
PK	2.4088G	112.96	Inf	-Inf	83.33	3	Horizontal	251	1.72	-	27.42	2.21	-
AV	2.4088G	103.11	Inf	-Inf	73.48	3	Horizontal	251	1.72	-	27.42	2.21	-
PK	2.488G	54.32	74.00	-19.68	24.30	3	Horizontal	251	1.72	-	27.73	2.29	-
AV	2.4964G	42.62	54.00	-11.38	12.54	3	Horizontal	251	1.72	-	27.78	2.30	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

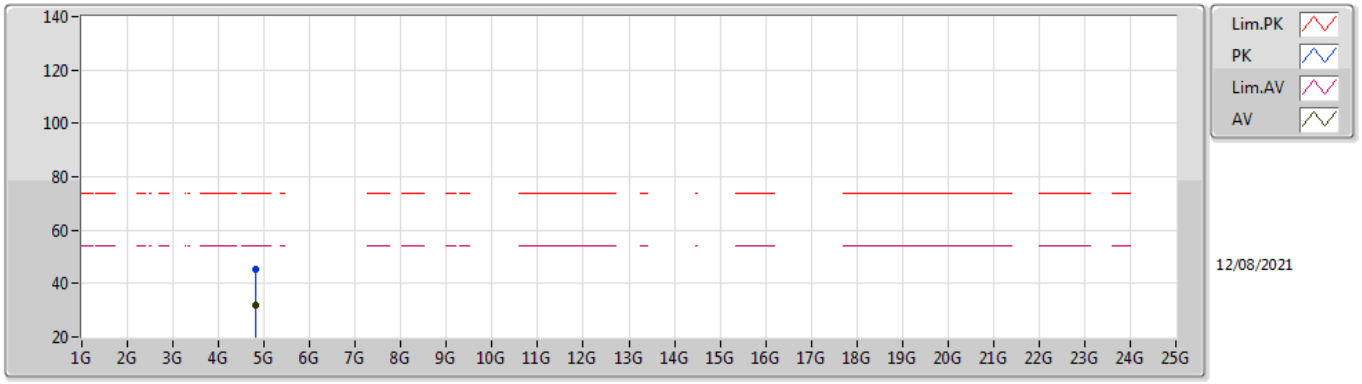


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82438G	45.18	74.00	-28.82	40.90	3	Vertical	173	2.78	-	32.25	5.01	32.98
AV	4.8254G	32.32	54.00	-21.68	28.04	3	Vertical	173	2.78	-	32.25	5.01	32.98

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

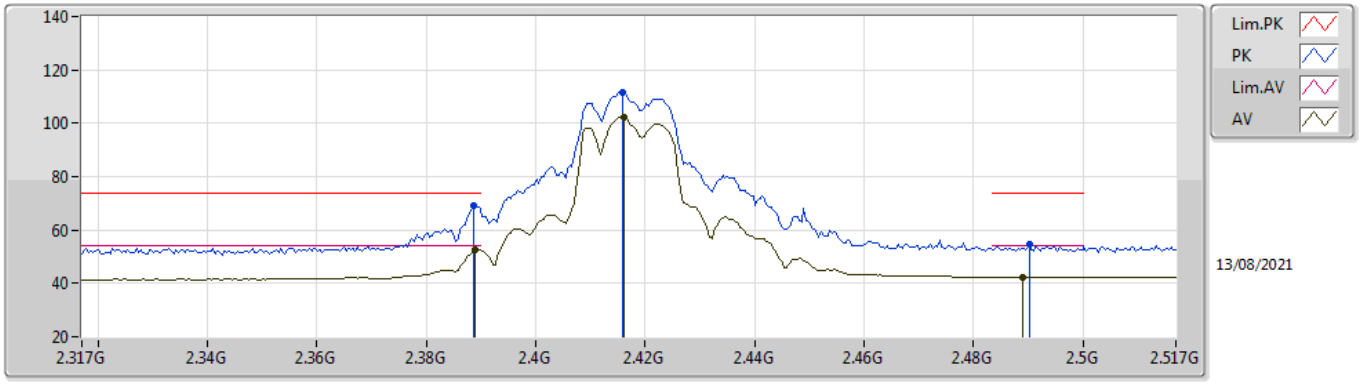


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82567G	45.24	74.00	-28.76	40.96	3	Horizontal	297	1.56	-	32.25	5.01	32.98
AV	4.82205G	32.07	54.00	-21.93	27.81	3	Horizontal	297	1.56	-	32.23	5.01	32.98

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

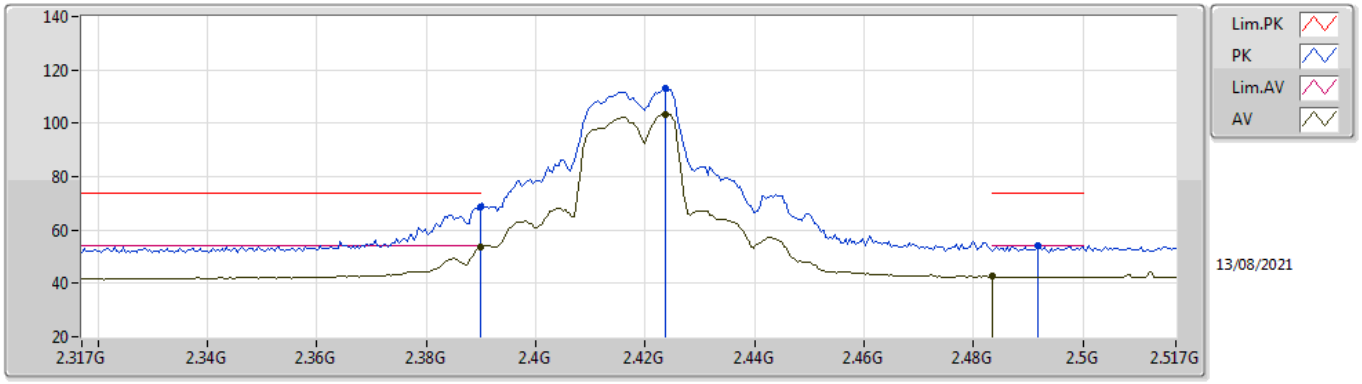


EUT X_4TX
Setting 17.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	69.01	74.00	-4.99	39.44	3	Vertical	360	2.39	-	27.38	2.19	-
AV	2.389G	52.58	54.00	-1.42	23.01	3	Vertical	360	2.39	-	27.38	2.19	-
PK	2.4158G	111.38	Inf	-Inf	81.73	3	Vertical	360	2.39	-	27.43	2.22	-
AV	2.4162G	102.30	Inf	-Inf	72.65	3	Vertical	360	2.39	-	27.43	2.22	-
PK	2.4902G	54.54	74.00	-19.46	24.51	3	Vertical	360	2.39	-	27.74	2.29	-
AV	2.489G	42.46	54.00	-11.54	12.44	3	Vertical	360	2.39	-	27.73	2.29	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

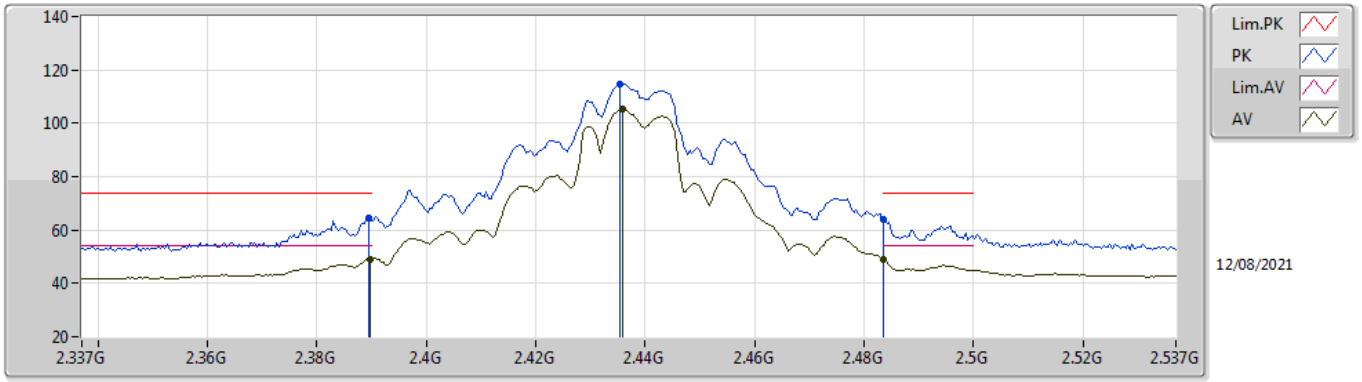


EUT X_4TX
Setting 17.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	68.61	74.00	-5.39	39.04	3	Horizontal	317	2.95	-	27.38	2.19	-
AV	2.3898G	53.73	54.00	-0.27	24.16	3	Horizontal	317	2.95	-	27.38	2.19	-
PK	2.4238G	112.91	Inf	-Inf	83.24	3	Horizontal	317	2.95	-	27.45	2.22	-
AV	2.4238G	103.48	Inf	-Inf	73.81	3	Horizontal	317	2.95	-	27.45	2.22	-
PK	2.4918G	54.18	74.00	-19.82	24.14	3	Horizontal	317	2.95	-	27.75	2.29	-
AV	2.4835G	42.63	54.00	-11.37	12.65	3	Horizontal	317	2.95	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

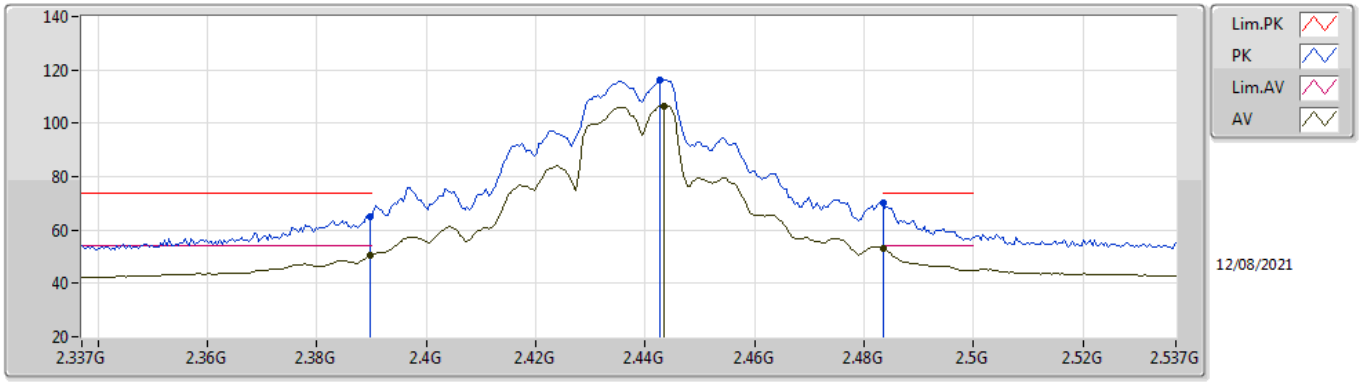


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	64.71	74.00	-9.29	35.14	3	Vertical	0	2.45	-	27.38	2.19	-
AV	2.3898G	49.10	54.00	-4.90	19.53	3	Vertical	0	2.45	-	27.38	2.19	-
PK	2.4354G	114.72	Inf	-Inf	85.01	3	Vertical	0	2.45	-	27.47	2.24	-
AV	2.4358G	105.23	Inf	-Inf	75.52	3	Vertical	0	2.45	-	27.47	2.24	-
PK	2.4835G	64.01	74.00	-9.99	34.03	3	Vertical	0	2.45	-	27.70	2.28	-
AV	2.4835G	48.87	54.00	-5.13	18.89	3	Vertical	0	2.45	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

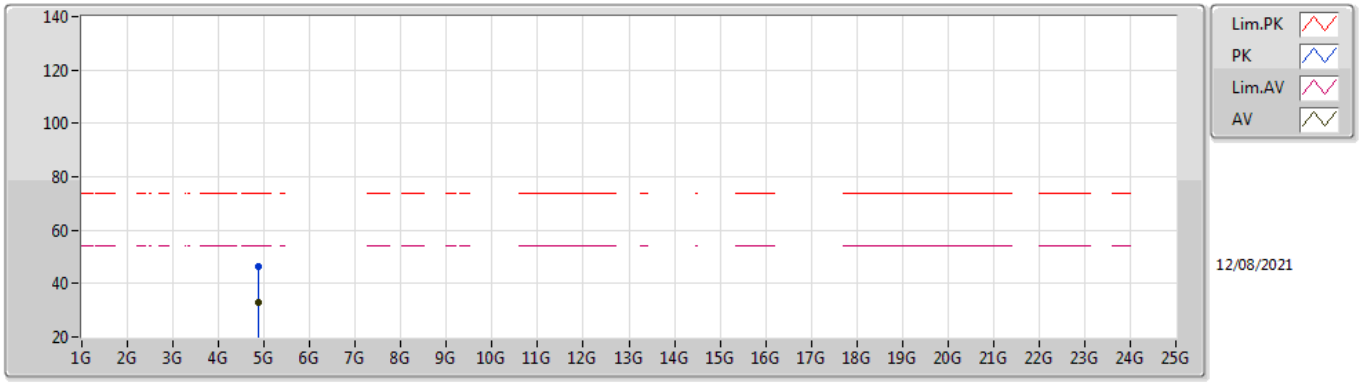


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.16	74.00	-8.84	35.59	3	Horizontal	310	2.88	-	27.38	2.19	-
AV	2.3898G	50.72	54.00	-3.28	21.15	3	Horizontal	310	2.88	-	27.38	2.19	-
PK	2.4426G	116.06	Inf	-Inf	86.33	3	Horizontal	310	2.88	-	27.49	2.24	-
AV	2.4434G	106.51	Inf	-Inf	76.78	3	Horizontal	310	2.88	-	27.49	2.24	-
PK	2.4835G	69.94	74.00	-4.06	39.96	3	Horizontal	310	2.88	-	27.70	2.28	-
AV	2.4835G	52.88	54.00	-1.12	22.90	3	Horizontal	310	2.88	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

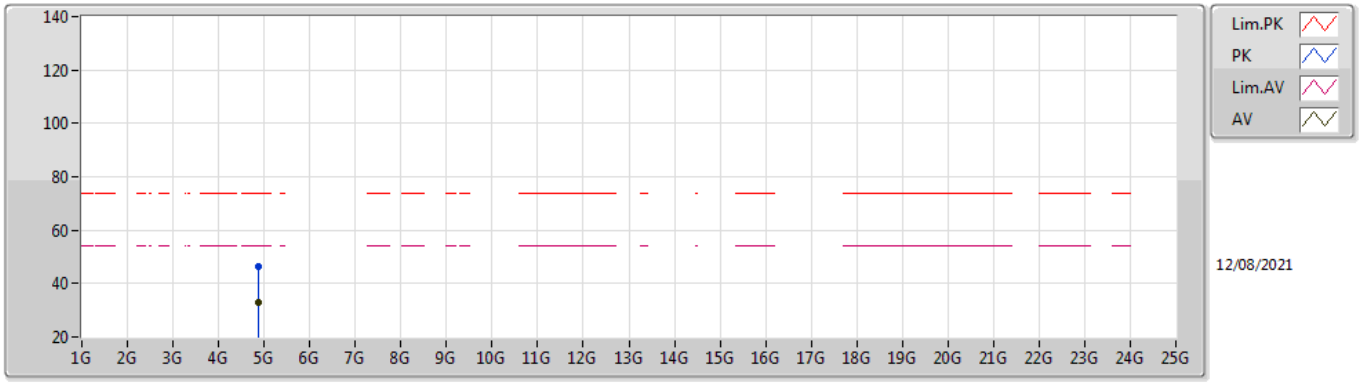


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87493G	46.29	74.00	-27.71	41.78	3	Vertical	96	2.25	-	32.45	5.04	32.98
AV	4.87625G	32.93	54.00	-21.07	28.42	3	Vertical	96	2.25	-	32.45	5.04	32.98

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

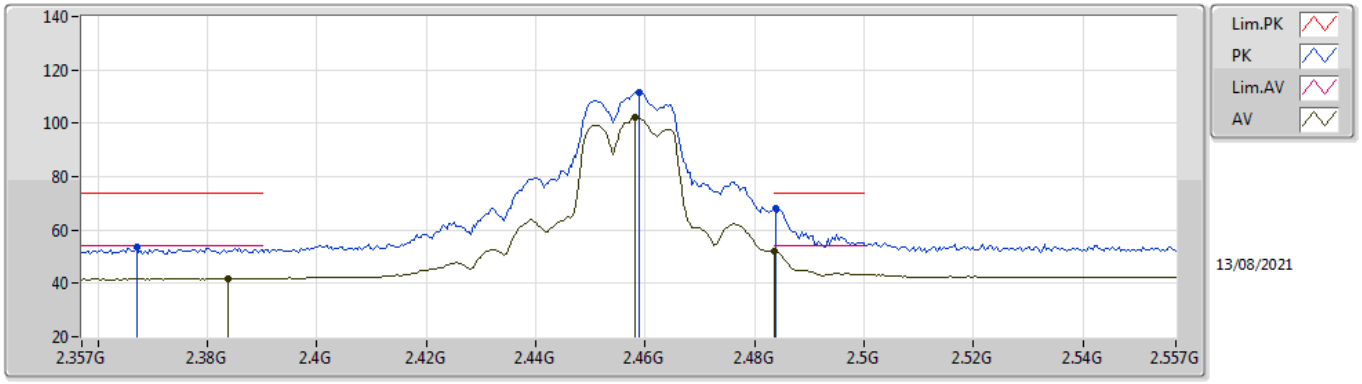


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87473G	46.24	74.00	-27.76	41.73	3	Horizontal	245	1.28	-	32.45	5.04	32.98
AV	4.87372G	32.70	54.00	-21.30	28.19	3	Horizontal	245	1.28	-	32.45	5.04	32.98

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

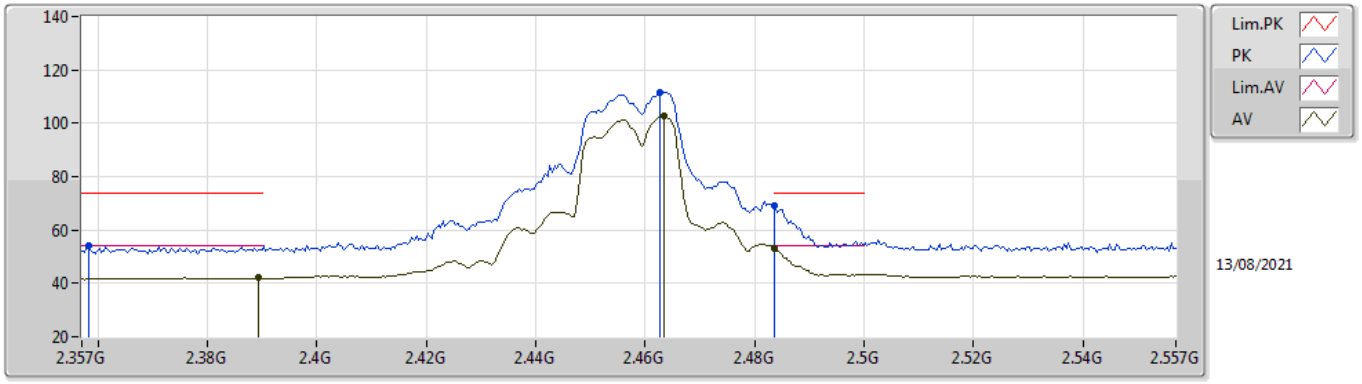


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.367G	53.37	74.00	-20.63	23.87	3	Vertical	16	2.69	-	27.33	2.17	-
AV	2.3838G	41.79	54.00	-12.21	12.24	3	Vertical	16	2.69	-	27.37	2.18	-
PK	2.459G	111.40	Inf	-Inf	81.59	3	Vertical	16	2.69	-	27.55	2.26	-
AV	2.4582G	102.44	Inf	-Inf	72.63	3	Vertical	16	2.69	-	27.55	2.26	-
PK	2.4838G	68.00	74.00	-6.00	38.02	3	Vertical	16	2.69	-	27.70	2.28	-
AV	2.4835G	51.90	54.00	-2.10	21.92	3	Vertical	16	2.69	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

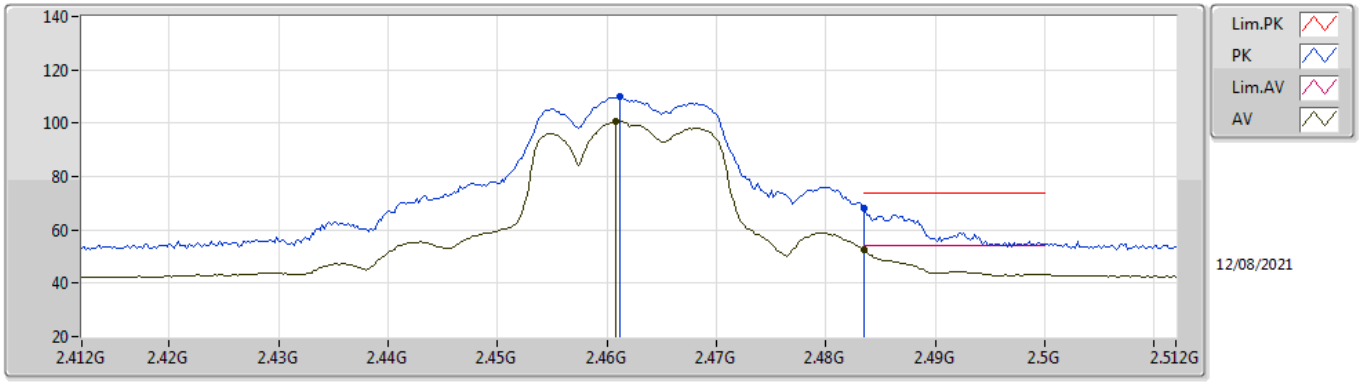


EUT X_4TX
Setting 16.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3582G	54.26	74.00	-19.74	24.78	3	Horizontal	308	2.86	-	27.32	2.16	-
AV	2.3894G	42.08	54.00	-11.92	12.51	3	Horizontal	308	2.86	-	27.38	2.19	-
PK	2.4626G	111.61	Inf	-Inf	81.77	3	Horizontal	308	2.86	-	27.58	2.26	-
AV	2.4634G	102.57	Inf	-Inf	72.73	3	Horizontal	308	2.86	-	27.58	2.26	-
PK	2.4835G	69.38	74.00	-4.62	39.40	3	Horizontal	308	2.86	-	27.70	2.28	-
AV	2.4835G	53.15	54.00	-0.85	23.17	3	Horizontal	308	2.86	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

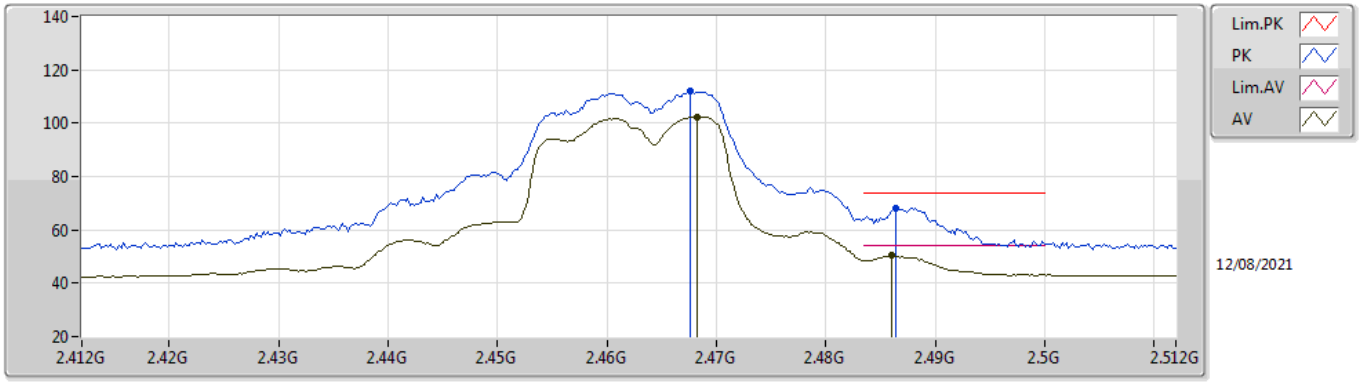


EUT X_4TX
Setting 15.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4612G	110.13	Inf	-Inf	80.30	3	Vertical	2	2.41	-	27.57	2.26	-
AV	2.4608G	100.74	Inf	-Inf	70.92	3	Vertical	2	2.41	-	27.56	2.26	-
PK	2.4835G	67.99	74.00	-6.01	38.01	3	Vertical	2	2.41	-	27.70	2.28	-
AV	2.4835G	52.58	54.00	-1.42	22.60	3	Vertical	2	2.41	-	27.70	2.28	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

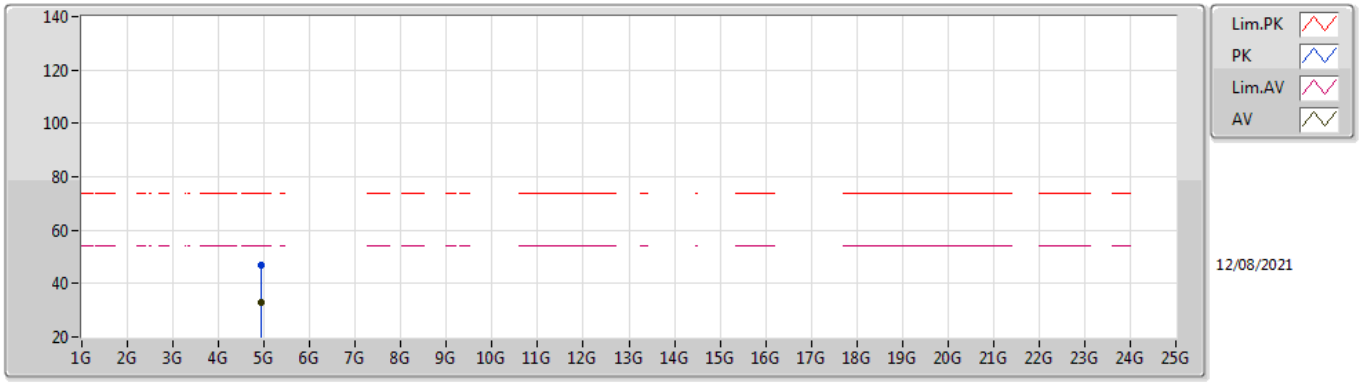


EUT X_4TX
Setting 15.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4676G	111.86	Inf	-Inf	81.98	3	Horizontal	307	2.84	-	27.61	2.27	-
AV	2.4682G	102.46	Inf	-Inf	72.58	3	Horizontal	307	2.84	-	27.61	2.27	-
PK	2.4864G	68.36	74.00	-5.64	38.35	3	Horizontal	307	2.84	-	27.72	2.29	-
AV	2.486G	50.26	54.00	-3.74	20.25	3	Horizontal	307	2.84	-	27.72	2.29	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

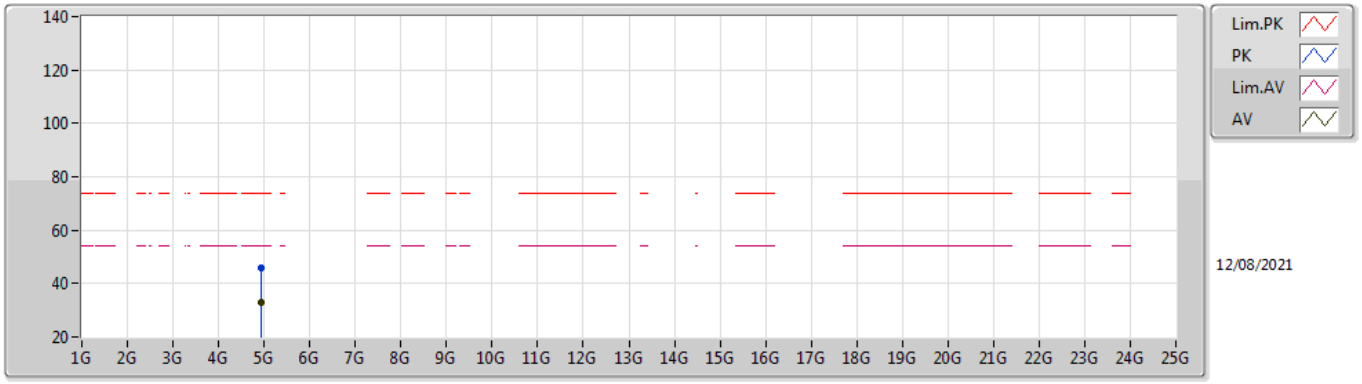


EUT X_4TX
Setting 15.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92398G	46.82	74.00	-27.18	42.09	3	Vertical	317	1.29	-	32.64	5.06	32.97
AV	4.92617G	32.91	54.00	-21.09	28.16	3	Vertical	317	1.29	-	32.66	5.06	32.97

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

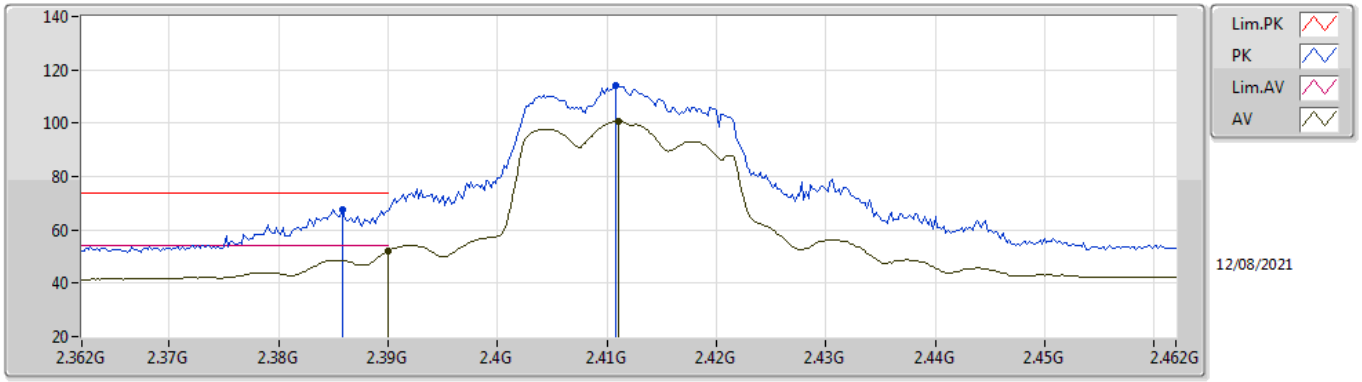


EUT X_4TX
Setting 15.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9221G	45.89	74.00	-28.11	41.17	3	Horizontal	166	1.66	-	32.63	5.06	32.97
AV	4.92335G	32.77	54.00	-21.23	28.04	3	Horizontal	166	1.66	-	32.64	5.06	32.97

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

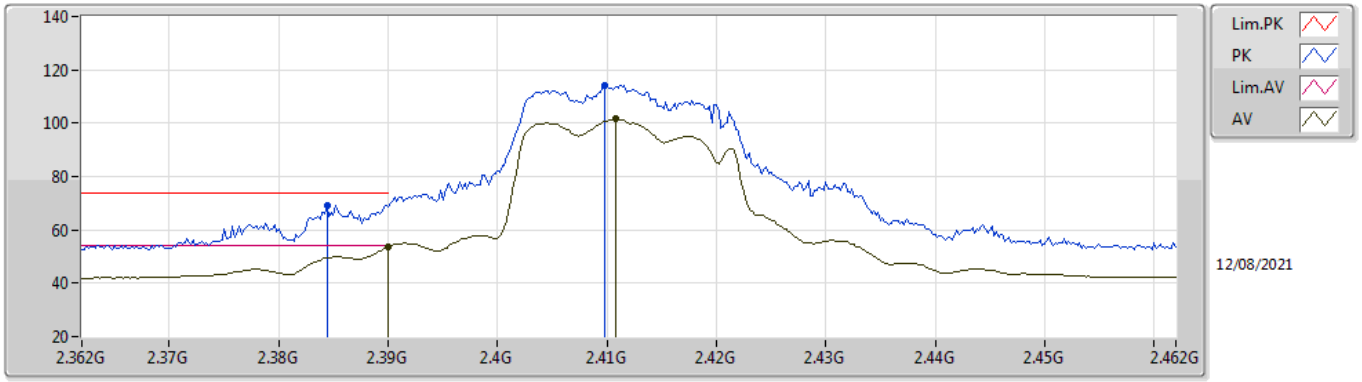


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3858G	67.67	74.00	-6.33	38.11	3	Vertical	3	2.50	-	27.37	2.19	-
AV	2.39G	51.89	54.00	-2.11	22.32	3	Vertical	3	2.50	-	27.38	2.19	-
PK	2.4108G	114.06	Inf	-Inf	84.43	3	Vertical	3	2.50	-	27.42	2.21	-
AV	2.411G	100.61	Inf	-Inf	70.98	3	Vertical	3	2.50	-	27.42	2.21	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

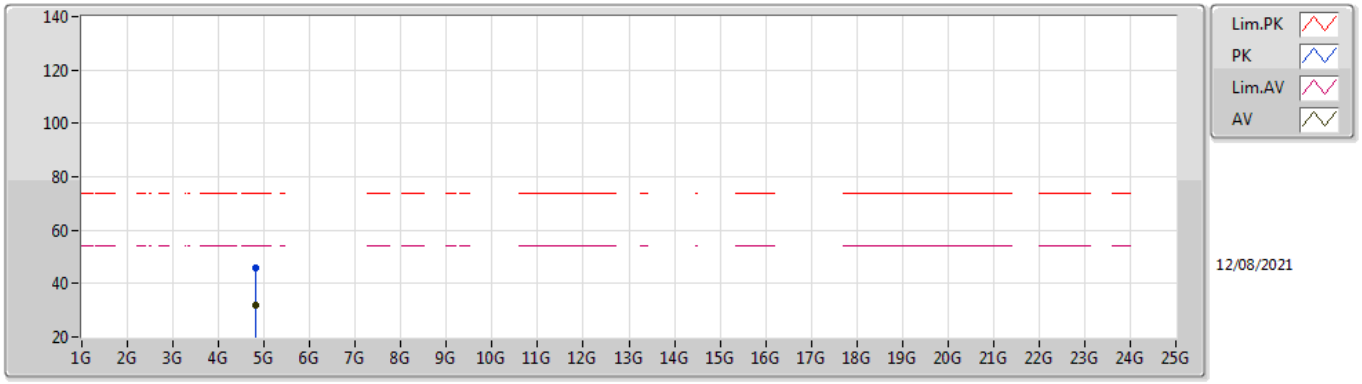


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3844G	68.98	74.00	-5.02	39.43	3	Horizontal	321	2.33	-	27.37	2.18	-
AV	2.39G	53.55	54.00	-0.45	23.98	3	Horizontal	321	2.33	-	27.38	2.19	-
PK	2.4098G	114.34	Inf	-Inf	84.71	3	Horizontal	321	2.33	-	27.42	2.21	-
AV	2.4108G	101.64	Inf	-Inf	72.01	3	Horizontal	321	2.33	-	27.42	2.21	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

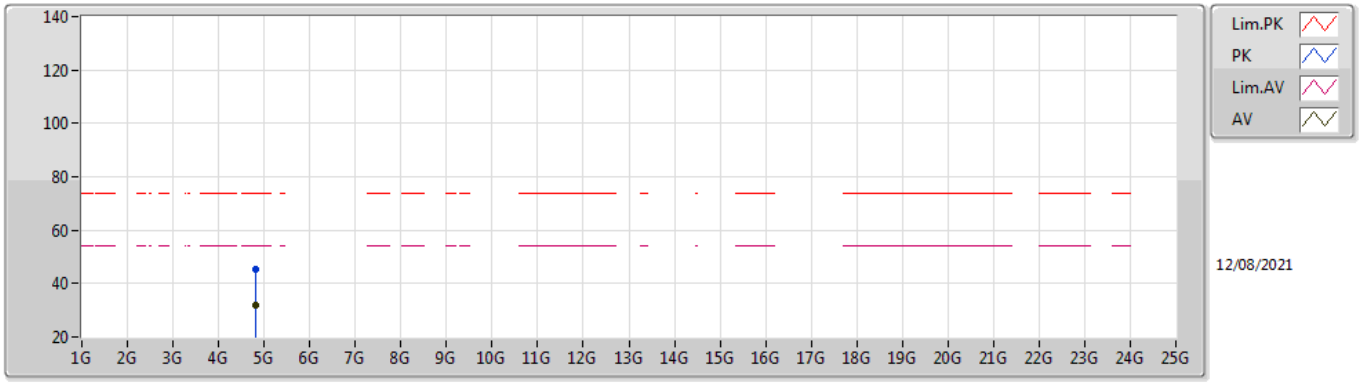


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82171G	46.01	74.00	-27.99	41.75	3	Vertical	340	1.76	-	32.23	5.01	32.98
AV	4.82601G	31.88	54.00	-22.12	27.59	3	Vertical	340	1.76	-	32.26	5.01	32.98

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

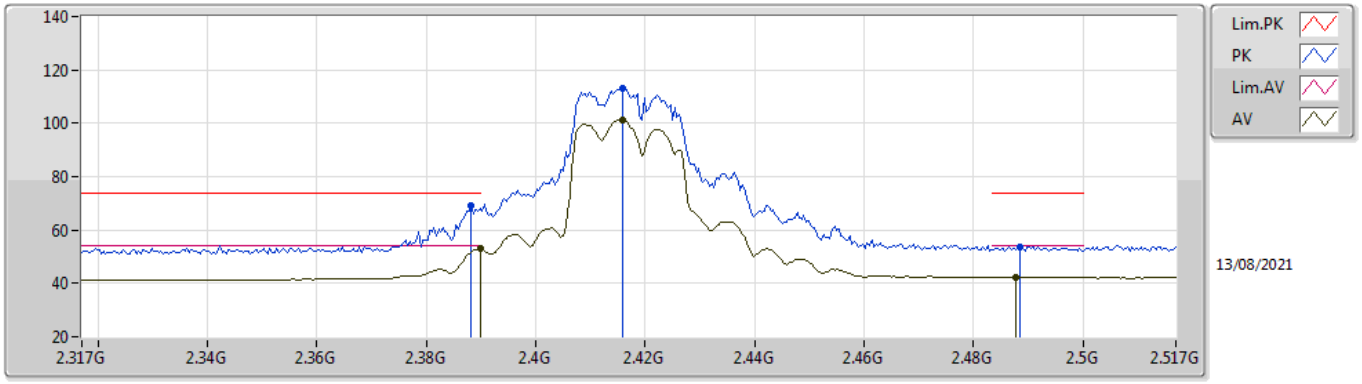


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82631G	45.58	74.00	-28.42	41.29	3	Horizontal	36	1.35	-	32.26	5.01	32.98
AV	4.82582G	31.83	54.00	-22.17	27.55	3	Horizontal	36	1.35	-	32.25	5.01	32.98

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

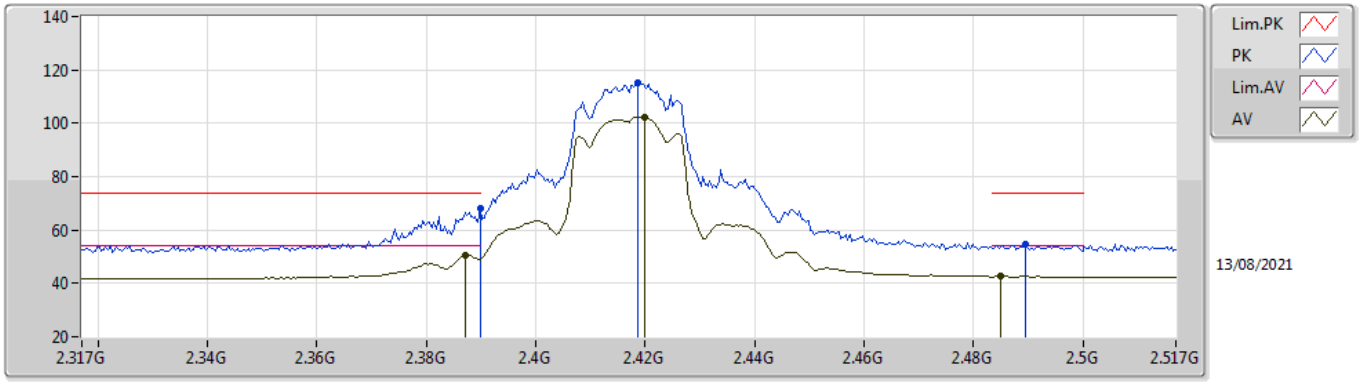


EUT X_4TX
Setting 17
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	68.97	74.00	-5.03	39.40	3	Vertical	360	2.40	-	27.38	2.19	-
AV	2.3898G	52.92	54.00	-1.08	23.35	3	Vertical	360	2.40	-	27.38	2.19	-
PK	2.4158G	112.92	Inf	-Inf	83.27	3	Vertical	360	2.40	-	27.43	2.22	-
AV	2.4158G	101.42	Inf	-Inf	71.77	3	Vertical	360	2.40	-	27.43	2.22	-
PK	2.4886G	53.82	74.00	-20.18	23.80	3	Vertical	360	2.40	-	27.73	2.29	-
AV	2.4878G	42.34	54.00	-11.66	12.32	3	Vertical	360	2.40	-	27.73	2.29	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

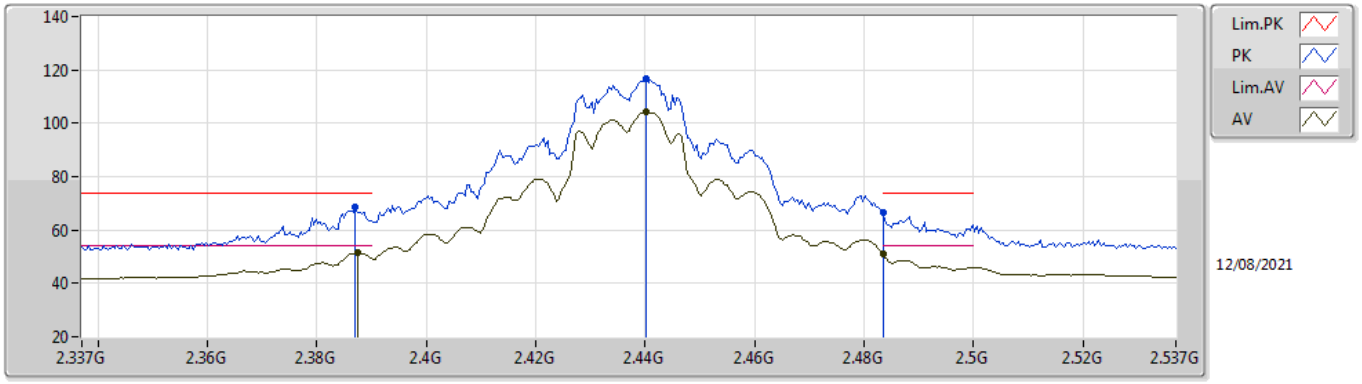


EUT X_4TX
Setting 17
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	68.05	74.00	-5.95	38.48	3	Horizontal	44	1.00	-	27.38	2.19	-
AV	2.387G	50.41	54.00	-3.59	20.85	3	Horizontal	44	1.00	-	27.37	2.19	-
PK	2.4186G	115.38	Inf	-Inf	85.72	3	Horizontal	44	1.00	-	27.44	2.22	-
AV	2.4198G	102.46	Inf	-Inf	72.80	3	Horizontal	44	1.00	-	27.44	2.22	-
PK	2.4894G	54.62	74.00	-19.38	24.59	3	Horizontal	44	1.00	-	27.74	2.29	-
AV	2.485G	42.63	54.00	-11.37	12.63	3	Horizontal	44	1.00	-	27.71	2.29	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

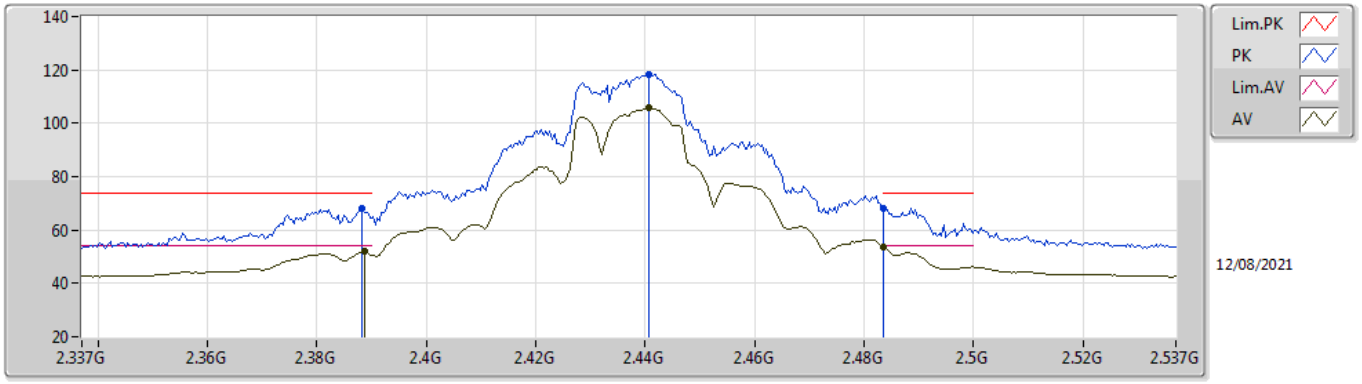


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	68.64	74.00	-5.36	39.08	3	Vertical	0	1.01	-	27.37	2.19	-
AV	2.3874G	51.56	54.00	-2.44	22.00	3	Vertical	0	1.01	-	27.37	2.19	-
PK	2.4402G	116.71	Inf	-Inf	86.99	3	Vertical	0	1.01	-	27.48	2.24	-
AV	2.4402G	104.18	Inf	-Inf	74.46	3	Vertical	0	1.01	-	27.48	2.24	-
PK	2.4835G	66.40	74.00	-7.60	36.42	3	Vertical	0	1.01	-	27.70	2.28	-
AV	2.4835G	51.17	54.00	-2.83	21.19	3	Vertical	0	1.01	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

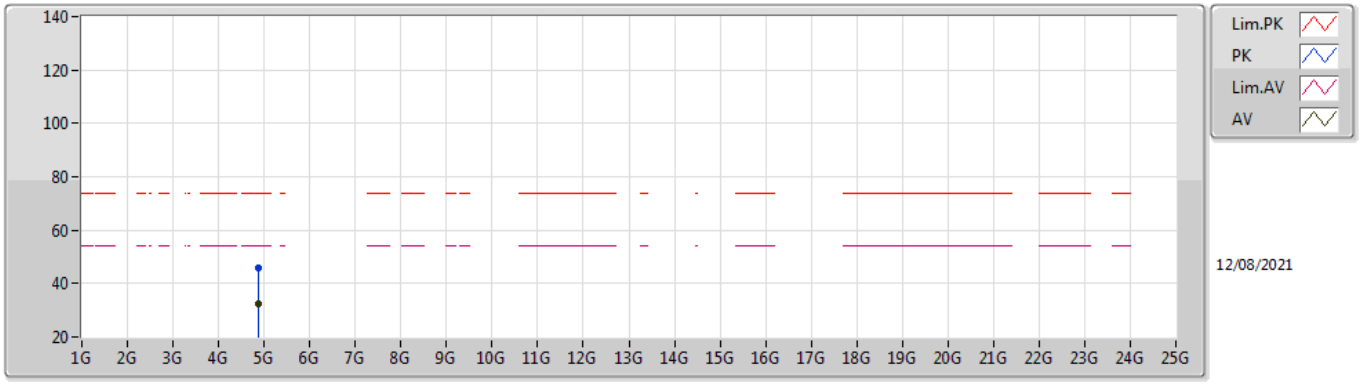


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	68.14	74.00	-5.86	38.57	3	Horizontal	48	1.23	-	27.38	2.19	-
AV	2.3886G	51.82	54.00	-2.18	22.25	3	Horizontal	48	1.23	-	27.38	2.19	-
PK	2.4406G	118.25	Inf	-Inf	88.53	3	Horizontal	48	1.23	-	27.48	2.24	-
AV	2.4406G	105.63	Inf	-Inf	75.91	3	Horizontal	48	1.23	-	27.48	2.24	-
PK	2.4835G	68.18	74.00	-5.82	38.20	3	Horizontal	48	1.23	-	27.70	2.28	-
AV	2.4835G	53.75	54.00	-0.25	23.77	3	Horizontal	48	1.23	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

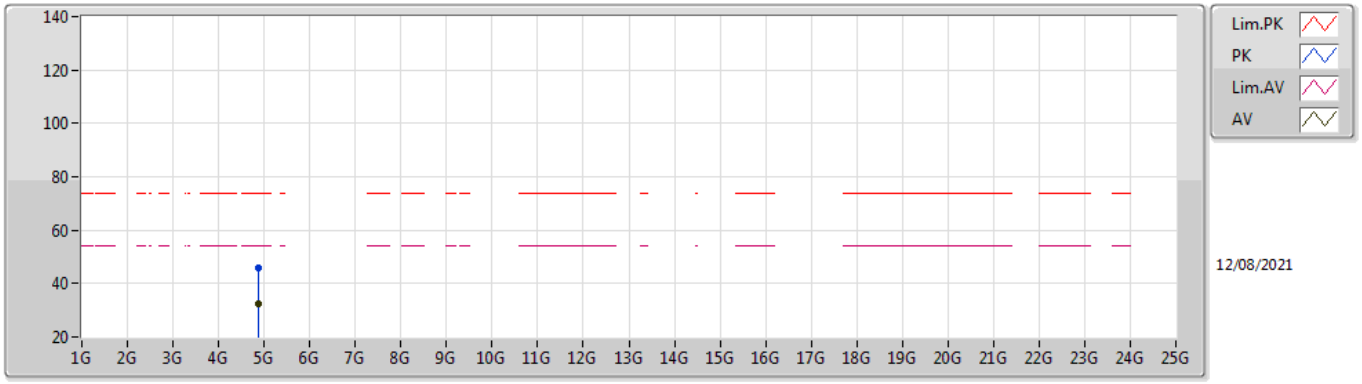


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87493G	46.08	74.00	-27.92	41.57	3	Vertical	338	2.13	-	32.45	5.04	32.98
AV	4.87563G	32.35	54.00	-21.65	27.84	3	Vertical	338	2.13	-	32.45	5.04	32.98

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

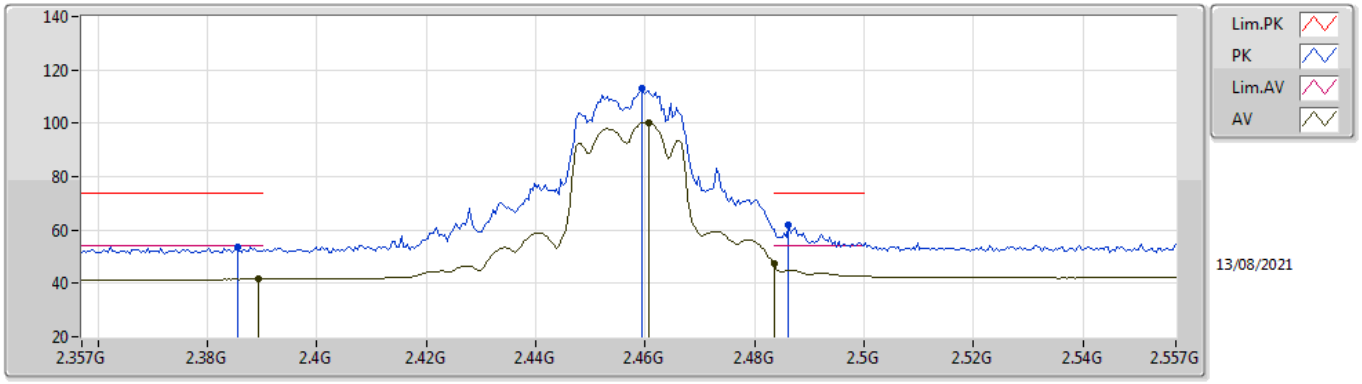


EUT X_4TX
Setting 20.5
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87592G	45.92	74.00	-28.08	41.41	3	Horizontal	243	1.80	-	32.45	5.04	32.98
AV	4.87565G	32.33	54.00	-21.67	27.82	3	Horizontal	243	1.80	-	32.45	5.04	32.98

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

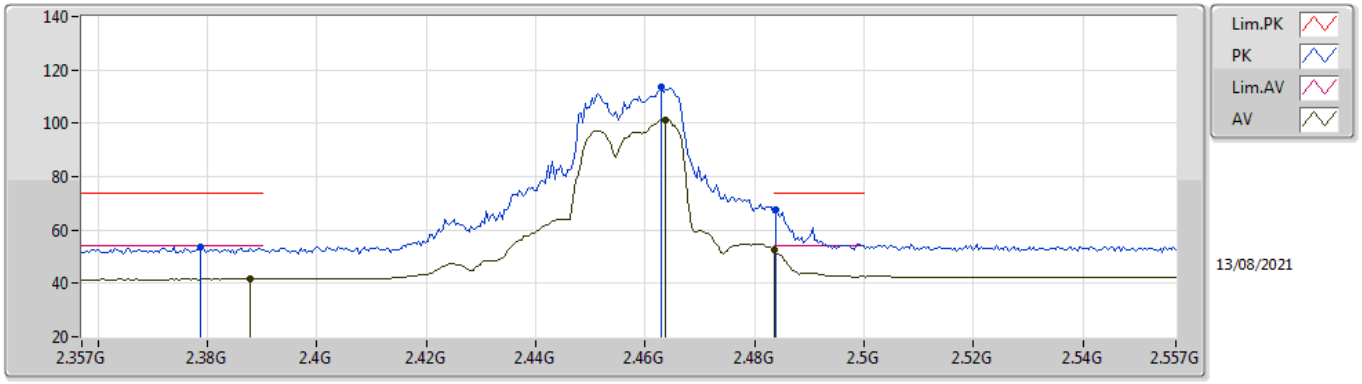


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	53.71	74.00	-20.29	24.15	3	Vertical	0	1.10	-	27.37	2.19	-
AV	2.3894G	41.67	54.00	-12.33	12.10	3	Vertical	0	1.10	-	27.38	2.19	-
PK	2.4594G	113.08	Inf	-Inf	83.26	3	Vertical	0	1.10	-	27.56	2.26	-
AV	2.4606G	100.23	Inf	-Inf	70.41	3	Vertical	0	1.10	-	27.56	2.26	-
PK	2.4862G	61.81	74.00	-12.19	31.80	3	Vertical	0	1.10	-	27.72	2.29	-
AV	2.4835G	47.35	54.00	-6.65	17.37	3	Vertical	0	1.10	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

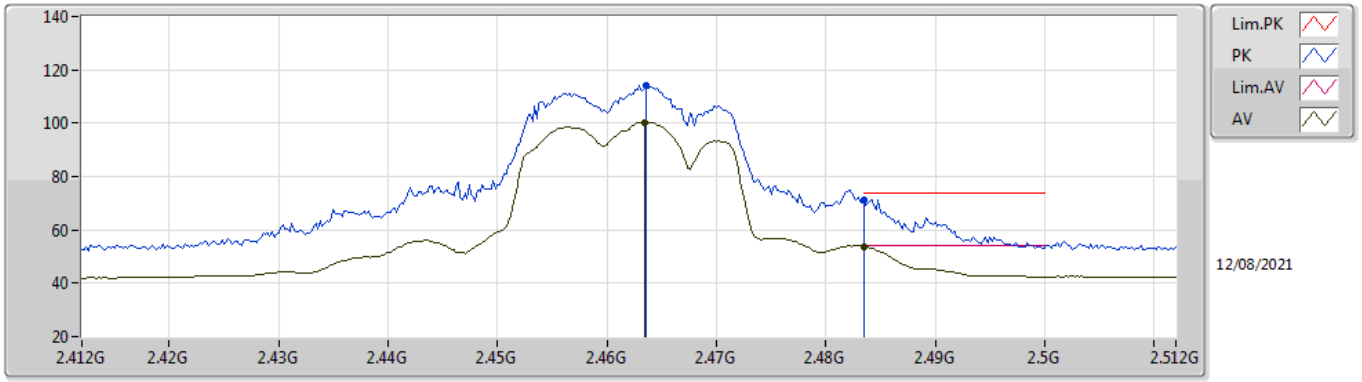


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3786G	53.74	74.00	-20.26	24.20	3	Horizontal	54	1.97	-	27.36	2.18	-
AV	2.3878G	41.69	54.00	-12.31	12.12	3	Horizontal	54	1.97	-	27.38	2.19	-
PK	2.463G	113.55	Inf	-Inf	83.71	3	Horizontal	54	1.97	-	27.58	2.26	-
AV	2.4638G	101.35	Inf	-Inf	71.51	3	Horizontal	54	1.97	-	27.58	2.26	-
PK	2.4838G	67.44	74.00	-6.56	37.46	3	Horizontal	54	1.97	-	27.70	2.28	-
AV	2.4835G	52.59	54.00	-1.41	22.61	3	Horizontal	54	1.97	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

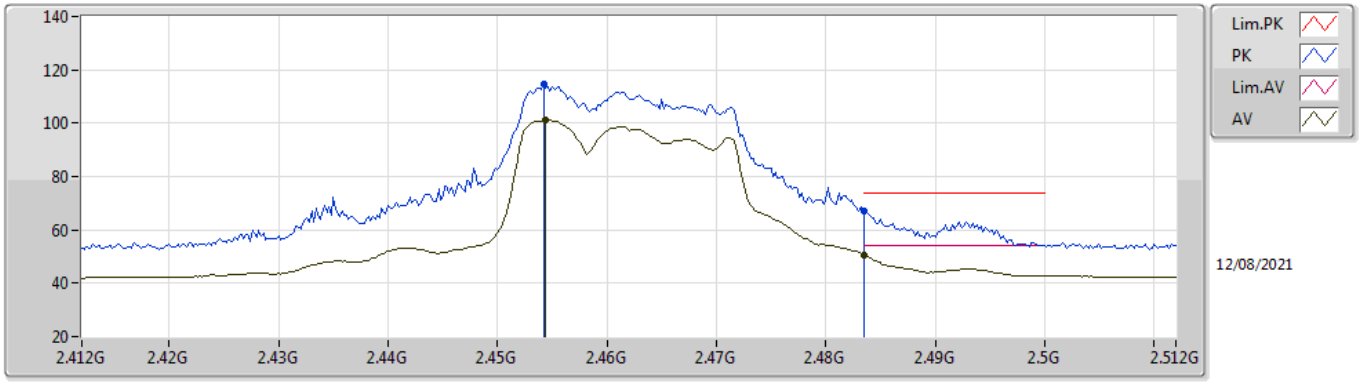


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4636G	114.12	Inf	-Inf	84.28	3	Vertical	19	3.00	-	27.58	2.26	-
AV	2.4634G	100.34	Inf	-Inf	70.50	3	Vertical	19	3.00	-	27.58	2.26	-
PK	2.4835G	71.20	74.00	-2.80	41.22	3	Vertical	19	3.00	-	27.70	2.28	-
AV	2.4835G	53.84	54.00	-0.16	23.86	3	Vertical	19	3.00	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

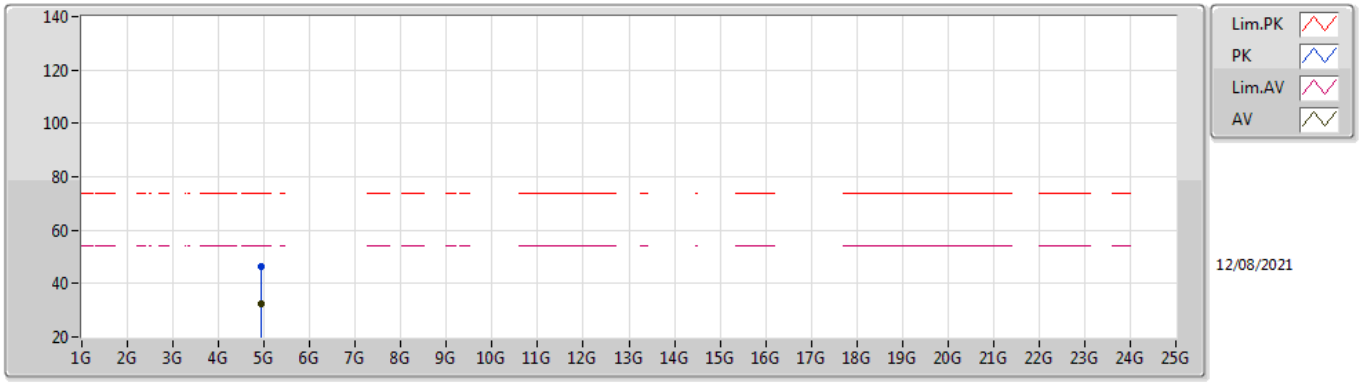


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4542G	114.48	Inf	-Inf	84.70	3	Horizontal	305	2.82	-	27.53	2.25	-
AV	2.4544G	101.13	Inf	-Inf	71.35	3	Horizontal	305	2.82	-	27.53	2.25	-
PK	2.4835G	66.91	74.00	-7.09	36.93	3	Horizontal	305	2.82	-	27.70	2.28	-
AV	2.4835G	50.72	54.00	-3.28	20.74	3	Horizontal	305	2.82	-	27.70	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

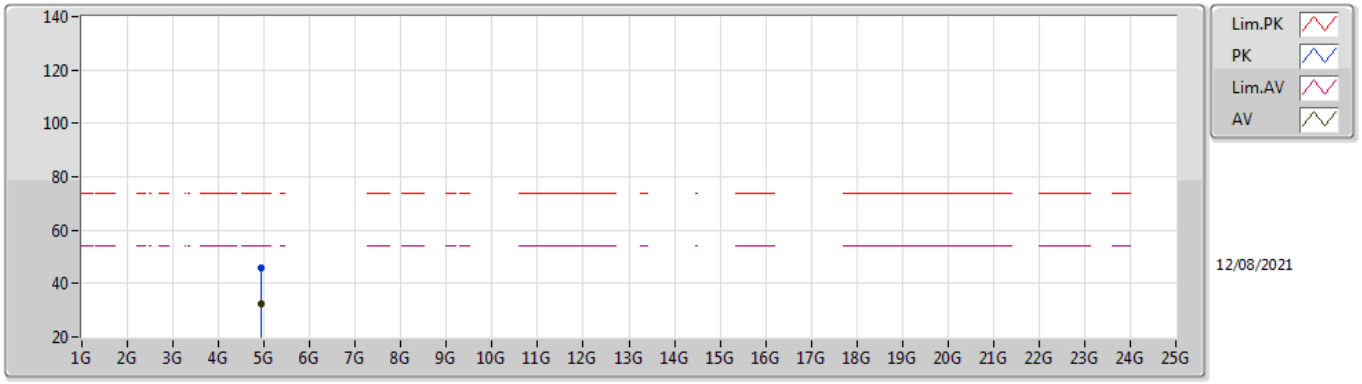


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92182G	46.19	74.00	-27.81	41.47	3	Vertical	295	2.95	-	32.63	5.06	32.97
AV	4.92186G	32.39	54.00	-21.61	27.67	3	Vertical	295	2.95	-	32.63	5.06	32.97

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

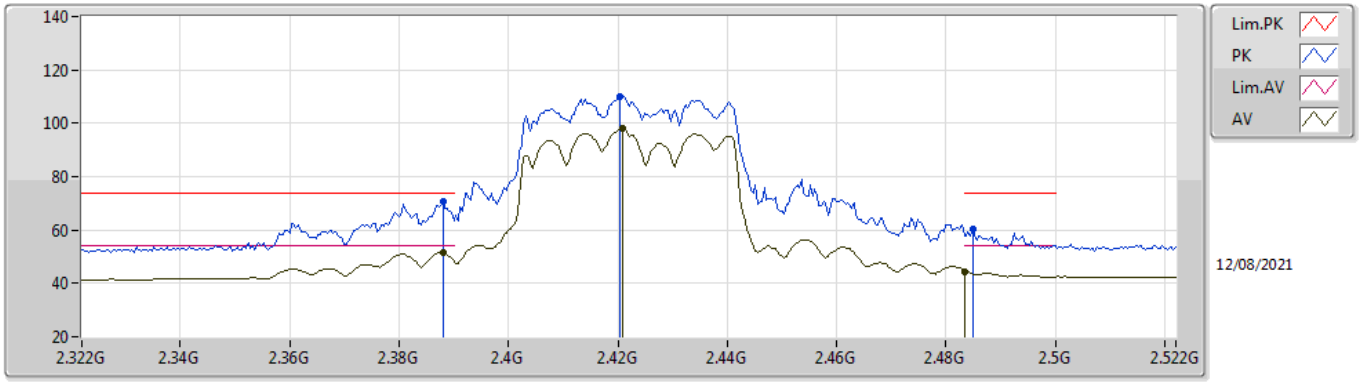


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92272G	45.63	74.00	-28.37	40.90	3	Horizontal	41	1.62	-	32.64	5.06	32.97
AV	4.92151G	32.31	54.00	-21.69	27.59	3	Horizontal	41	1.62	-	32.63	5.06	32.97

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

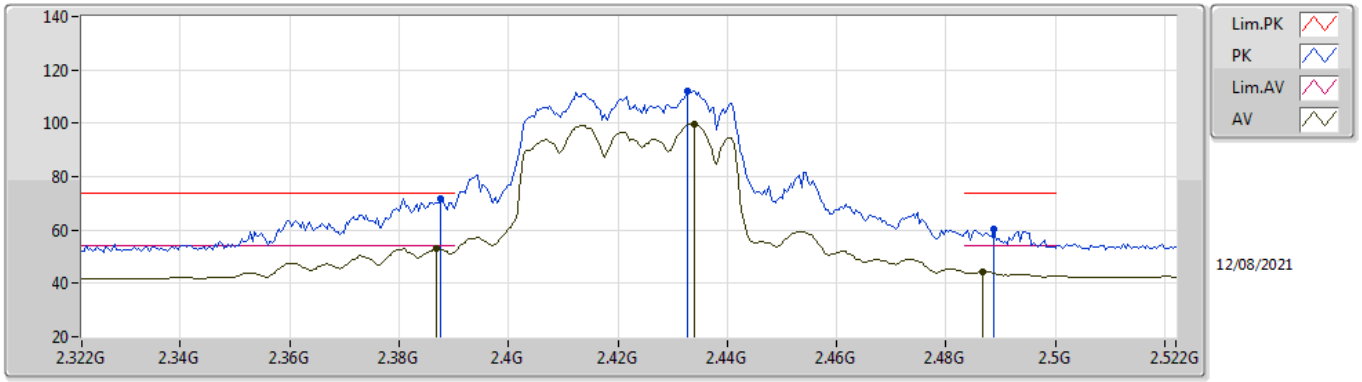


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.388G	70.56	74.00	-3.44	40.99	3	Vertical	0	2.42	-	27.38	2.19	-
AV	2.388G	51.64	54.00	-2.36	22.07	3	Vertical	0	2.42	-	27.38	2.19	-
PK	2.4204G	110.25	Inf	-Inf	80.59	3	Vertical	0	2.42	-	27.44	2.22	-
AV	2.4208G	98.19	Inf	-Inf	68.53	3	Vertical	0	2.42	-	27.44	2.22	-
PK	2.4848G	60.10	74.00	-13.90	30.11	3	Vertical	0	2.42	-	27.71	2.28	-
AV	2.4835G	44.55	54.00	-9.45	14.57	3	Vertical	0	2.42	-	27.70	2.28	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

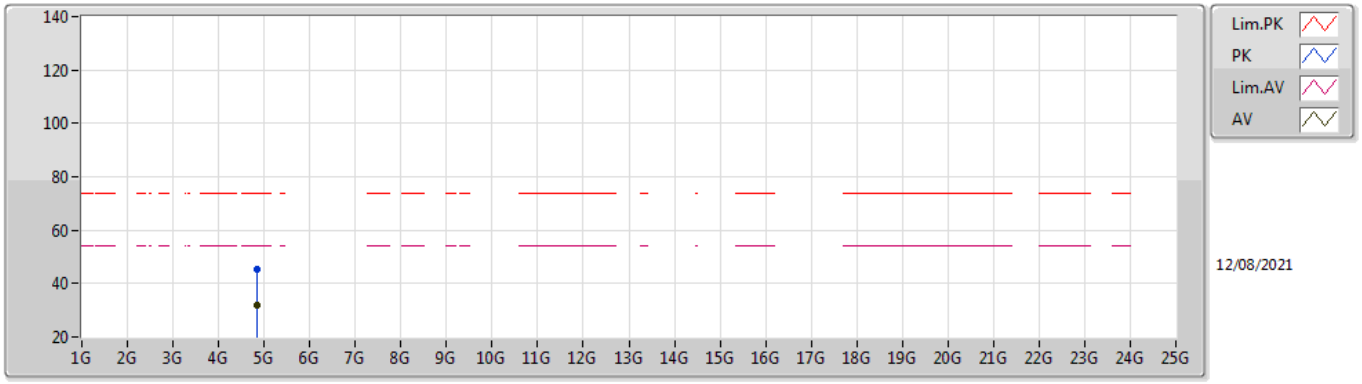


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	71.69	74.00	-2.31	42.12	3	Horizontal	304	2.60	-	27.38	2.19	-
AV	2.3868G	53.10	54.00	-0.90	23.54	3	Horizontal	304	2.60	-	27.37	2.19	-
PK	2.4328G	112.18	Inf	-Inf	82.48	3	Horizontal	304	2.60	-	27.47	2.23	-
AV	2.434G	99.85	Inf	-Inf	70.15	3	Horizontal	304	2.60	-	27.47	2.23	-
PK	2.4888G	60.53	74.00	-13.47	30.51	3	Horizontal	304	2.60	-	27.73	2.29	-
AV	2.4868G	44.24	54.00	-9.76	14.23	3	Horizontal	304	2.60	-	27.72	2.29	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

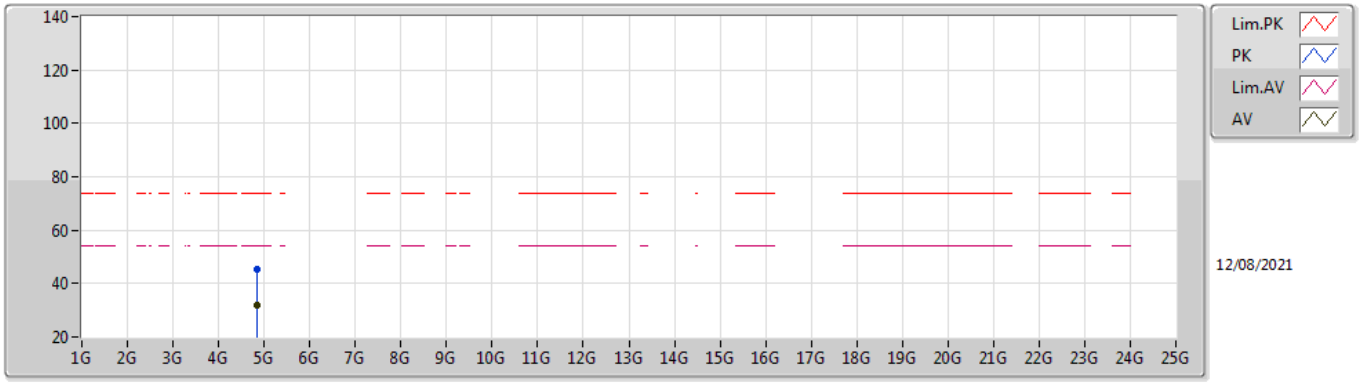


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84539G	45.21	74.00	-28.79	40.80	3	Vertical	309	2.11	-	32.37	5.02	32.98
AV	4.84202G	31.73	54.00	-22.27	27.34	3	Vertical	309	2.11	-	32.35	5.02	32.98

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

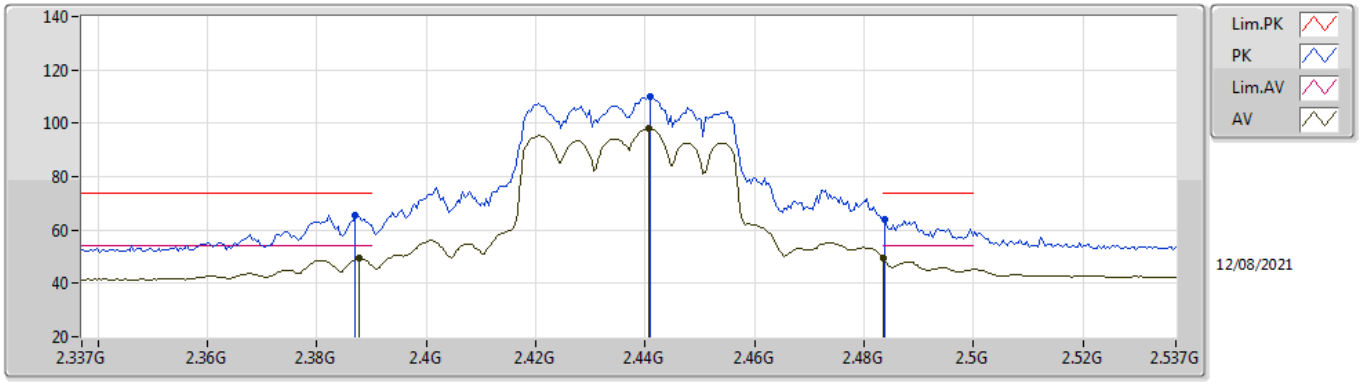


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84403G	45.38	74.00	-28.62	40.98	3	Horizontal	317	1.19	-	32.36	5.02	32.98
AV	4.84544G	31.74	54.00	-22.26	27.33	3	Horizontal	317	1.19	-	32.37	5.02	32.98

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

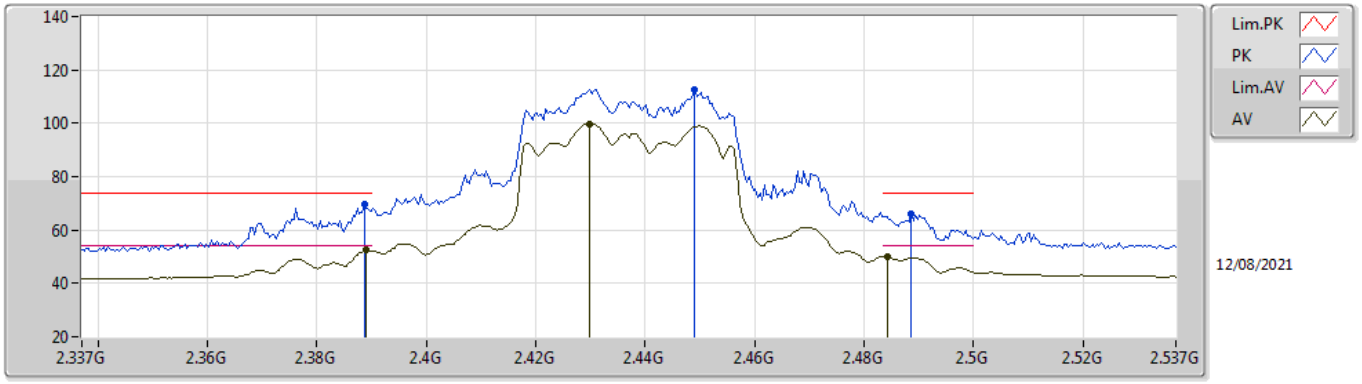


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	65.72	74.00	-8.28	36.16	3	Vertical	4	1.00	-	27.37	2.19	-
AV	2.3878G	49.35	54.00	-4.65	19.78	3	Vertical	4	1.00	-	27.38	2.19	-
PK	2.441G	109.85	Inf	-Inf	80.13	3	Vertical	4	1.00	-	27.48	2.24	-
AV	2.4406G	97.86	Inf	-Inf	68.14	3	Vertical	4	1.00	-	27.48	2.24	-
PK	2.4838G	63.94	74.00	-10.06	33.96	3	Vertical	4	1.00	-	27.70	2.28	-
AV	2.4835G	49.68	54.00	-4.32	19.70	3	Vertical	4	1.00	-	27.70	2.28	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

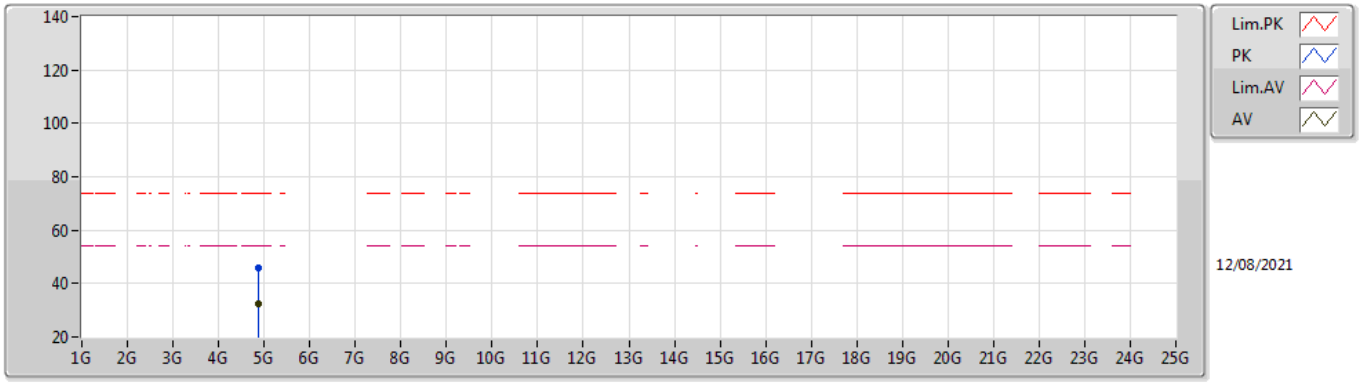


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	69.89	74.00	-4.11	40.32	3	Horizontal	311	2.94	-	27.38	2.19	-
AV	2.389G	52.52	54.00	-1.48	22.95	3	Horizontal	311	2.94	-	27.38	2.19	-
PK	2.449G	112.76	Inf	-Inf	83.01	3	Horizontal	311	2.94	-	27.50	2.25	-
AV	2.4298G	99.75	Inf	-Inf	70.06	3	Horizontal	311	2.94	-	27.46	2.23	-
PK	2.4886G	66.09	74.00	-7.91	36.07	3	Horizontal	311	2.94	-	27.73	2.29	-
AV	2.4842G	49.99	54.00	-4.01	20.00	3	Horizontal	311	2.94	-	27.71	2.28	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

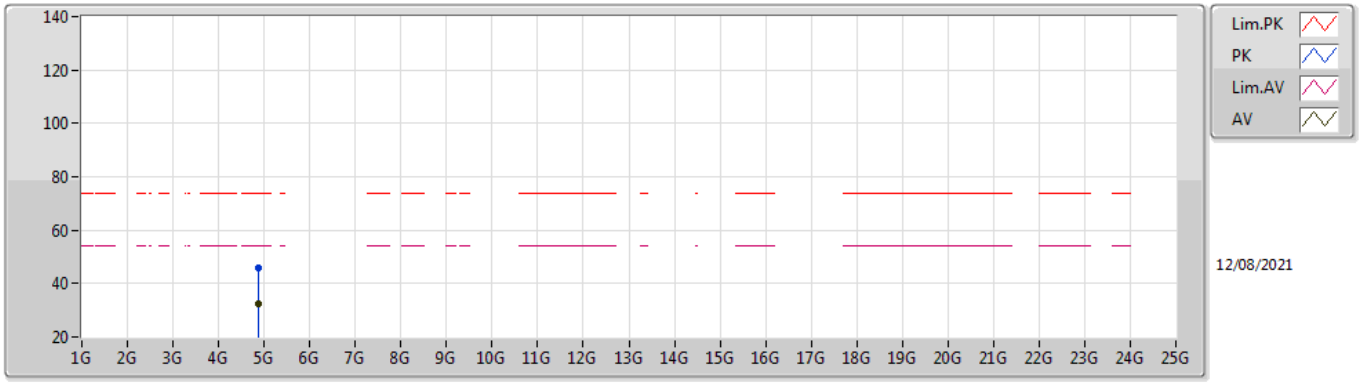


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87434G	46.11	74.00	-27.89	41.60	3	Vertical	193	1.84	-	32.45	5.04	32.98
AV	4.87587G	32.23	54.00	-21.77	27.72	3	Vertical	193	1.84	-	32.45	5.04	32.98

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

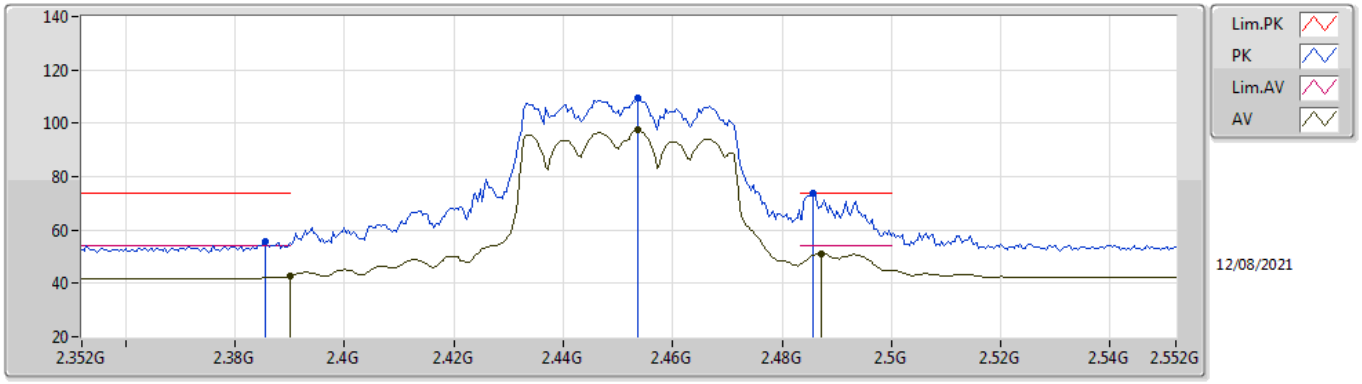


EUT X_4TX
Setting 16
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87172G	46.02	74.00	-27.98	41.52	3	Horizontal	230	1.17	-	32.44	5.04	32.98
AV	4.87552G	32.28	54.00	-21.72	27.77	3	Horizontal	230	1.17	-	32.45	5.04	32.98

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

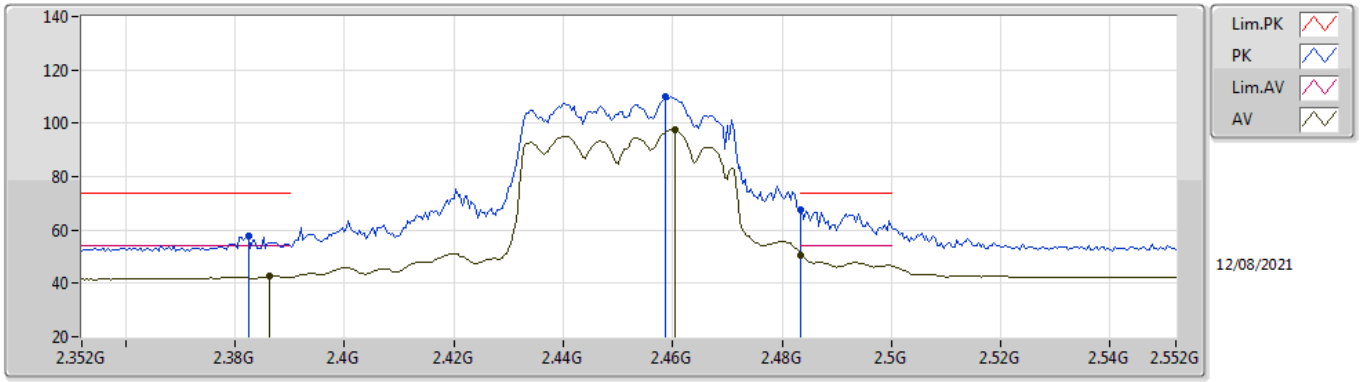


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3856G	55.55	74.00	-18.45	25.99	3	Vertical	19	3.00	-	27.37	2.19	-
AV	2.39G	42.54	54.00	-11.46	12.97	3	Vertical	19	3.00	-	27.38	2.19	-
PK	2.4536G	109.53	Inf	-Inf	79.76	3	Vertical	19	3.00	-	27.52	2.25	-
AV	2.4536G	97.36	Inf	-Inf	67.59	3	Vertical	19	3.00	-	27.52	2.25	-
PK	2.4856G	73.72	74.00	-0.28	43.72	3	Vertical	19	3.00	-	27.71	2.29	-
AV	2.4872G	51.29	54.00	-2.71	21.28	3	Vertical	19	3.00	-	27.72	2.29	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

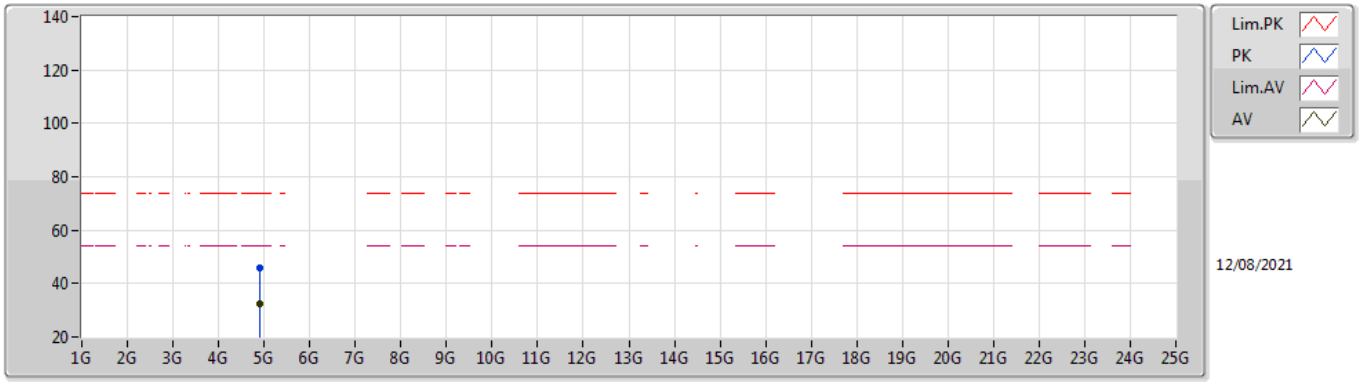


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3824G	57.86	74.00	-16.14	28.32	3	Horizontal	275	1.80	-	27.36	2.18	-
AV	2.3864G	42.63	54.00	-11.37	13.07	3	Horizontal	275	1.80	-	27.37	2.19	-
PK	2.4588G	110.04	Inf	-Inf	80.23	3	Horizontal	275	1.80	-	27.55	2.26	-
AV	2.4604G	97.46	Inf	-Inf	67.64	3	Horizontal	275	1.80	-	27.56	2.26	-
PK	2.4835G	67.68	74.00	-6.32	37.70	3	Horizontal	275	1.80	-	27.70	2.28	-
AV	2.4835G	50.48	54.00	-3.52	20.50	3	Horizontal	275	1.80	-	27.70	2.28	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

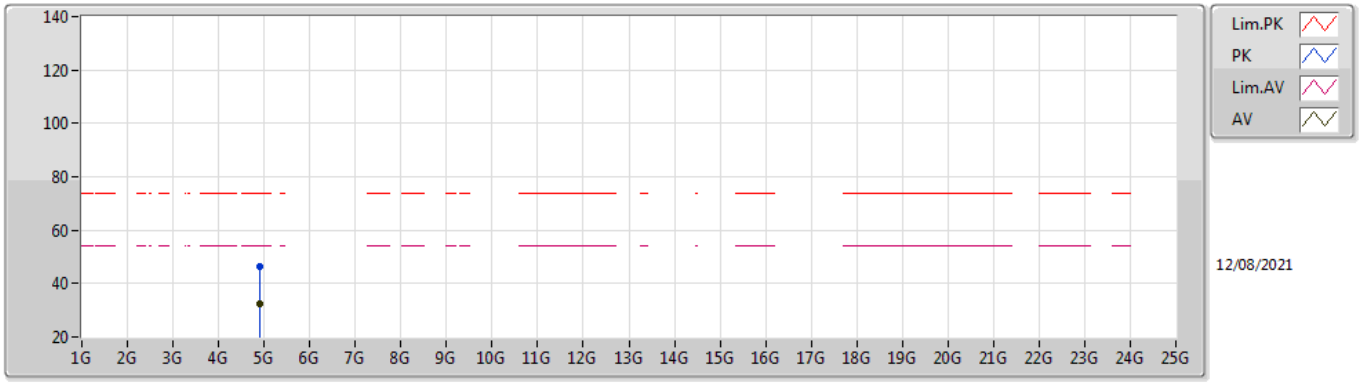


EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90102G	46.02	74.00	-27.98	41.43	3	Vertical	268	2.08	-	32.51	5.05	32.97
AV	4.8991G	32.45	54.00	-21.55	27.87	3	Vertical	268	2.08	-	32.50	5.05	32.97

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



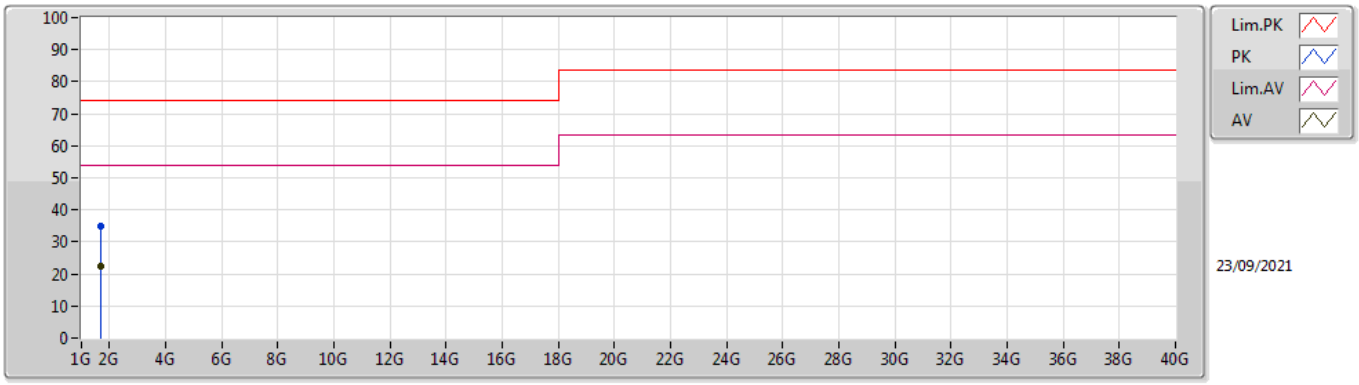
EUT X_4TX
Setting 15
01-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.901G	46.18	74.00	-27.82	41.59	3	Horizontal	187	1.04	-	32.51	5.05	32.97
AV	4.90884G	32.47	54.00	-21.53	27.84	3	Horizontal	187	1.04	-	32.55	5.05	32.97

Summary

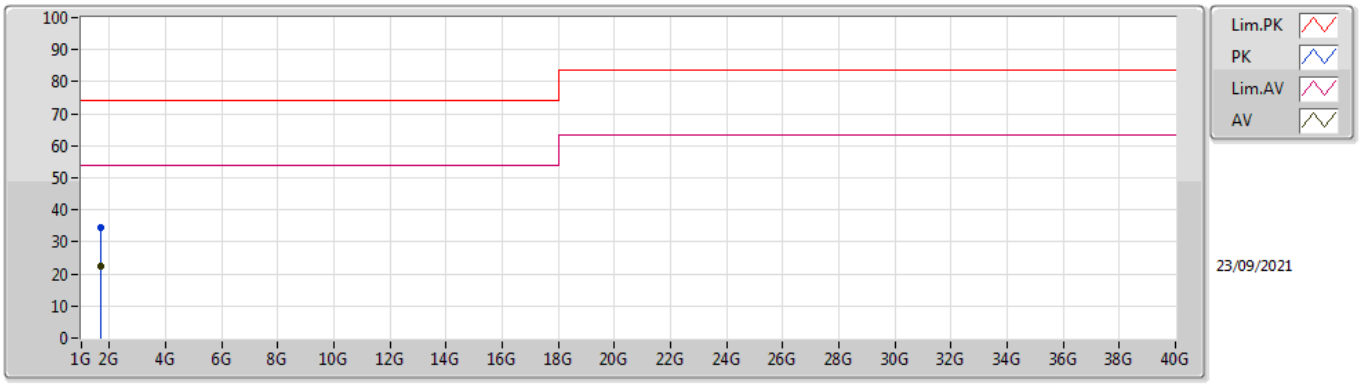
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.67012G	22.58	54.00	-31.42	Vertical

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	1.67076G	34.91	74.00	-39.09	-8.87	3	Vertical	14	1.63	-	43.78	25.00	3.47	37.34
AV	1.67012G	22.58	54.00	-31.42	-8.87	3	Vertical	14	1.63	"Worst"	31.45	25.00	3.47	37.34

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	1.66967G	34.47	74.00	-39.53	-8.87	3	Horizontal	315	1.00	-	43.34	25.00	3.47	37.34
AV	1.67089G	22.55	54.00	-31.45	-8.87	3	Horizontal	315	1.00	"Worst"	31.42	25.00	3.47	37.34