RADIO TEST REPORT

FCC ID	:	2AHKM-CODA5814Q1
Equipment	:	DOCIS 3.1 Wi-Fi 6 EMTA Gateway
Brand Name	:	Hitron
Model Name	:	CODA5814Q, CODA5810Q
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Jun. 28, 2022, and testing was started from Oct. 18, 2022 and completed on Nov. 04, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

Table of Contents

History of this test report **3**

Summary of Test Result **4**

1 General Description **5**

1.1 Information 5
1.2 Applicable Standards 8
1.3 Testing Location Information 8
1.4 Measurement Uncertainty 8

2 Test Configuration of EUT **9**

2.1 Test Channel Mode 9
2.2 The Worst Case Measurement Configuration 10
2.3 EUT Operation during Test 11
2.4 Accessories 12
2.5 Support Equipment 12
2.6 Test Setup Diagram 13

3 Transmitter Test Result **16**

3.1 AC Power-line Conducted Emissions 16
3.2 DTS Bandwidth 18
3.3 Maximum Conducted Output Power 19
3.4 Power Spectral Density 22
3.5 Emissions in Non-restricted Frequency Bands 24
3.6 Emissions in Restricted Frequency Bands 25

4 Test Equipment and Calibration Data **29**

Appendix A. Test Results of AC Power-line Conducted Emissions

Appendix B. Test Results of DTS Bandwidth

Appendix C. Test Results of Maximum Conducted Output Power

Appendix D. Test Results of Power Spectral Density

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

Appendix F. Test Results of Emissions in Restricted Frequency Bands

Appendix G. Test Results of Radiated Emission Co-location

Appendix H. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR193028-02AA	01	Initial issue of report	Nov. 18, 2022

Summary of Test Result

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

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Airgain	N03HTAFE-PK1-LA1X80BUR2	PCB Antenna	I-PEX	Note 1
2	2	Airgain	N03HTAFF-PK1-LB1X90BU	PCB Antenna	I-PEX	
3	3	Airgain	N03HTAFG-PK1-LG1X130BUR2	PCB Antenna	I-PEX	
4	4	Airgain	N03HTAFH-PK1-LW1X150BU	PCB Antenna	I-PEX	

Note 1:

Ant.	Port	Antenna Gain (dBi)					
		2.4GHz	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 4
1	1	3.13	2.72	2.24	2.67	2.28	2.95
2	2	1.42	2.14	2.8	3.46	3.95	4.03
3	3	3.4	2.82	2.58	1.87	3.38	3.3
4	4	3.26	2.82	3.83	3.78	4.93	5.47
Directional Gain (dBi)							
		2.4GHz	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 4
4T1S		5.92	5.44	6.34	6.46	6.27	6.54
4T2S		3.4	2.82	3.83	3.78	4.93	5.47
4T4S		3.4	2.82	3.83	3.78	4.93	5.47

Note 2: The above information (brand / model name / antenna type) was declared by the manufacturer.

Note 3: WLAN 2.4GHz/5GHz(UNII 1~4): The directional gain is measured which follows the procedure of KDB 662911 D03.

Note 4: The EUT has four antennas.

For 2.4GHz function:

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

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

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

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (4TX/4RX)

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.615	2.11	692.5u	3k
802.11g	0.942	0.26	1.978m	1k
802.11ax HEW20	0.82	0.86	5.446m	300
802.11ax HEW40	0.833	0.79	5.447m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Non-beamforming mode: QSPR Version 5.0-00197 Beamforming mode: Dos[10.0.10586]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Voice Interface	Case color of EUT	Battery Port
CODA5814Q	V	Black	V
CODA5810Q	X	Black	X

Note1: From the above models, model: CODA5814Q was selected as representative model for the test and its data was recorded in this report.

Note2: 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 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	22.5~23.8 / 55~61	Oct. 29, 2022~ Nov. 04, 2022
Radiated Below 1GHz	03CH06-CB	Stim Sung	23.8-24.9 / 55-58	Oct. 18, 2022
Radiated Above 1GHz	03CH02-CB	Gordon Hung	22.6~24.2 / 56~60	Oct. 18, 2022~ Nov. 03, 2022
Radiated Co-location	03CH06-CB	Gordon Hung	24.3~25.6 / 60~63	Oct. 18, 2022~ Nov. 03, 2022
AC Conduction	CO01-CB	Tim Chen	21~22 / 56~58	Oct. 19, 2022

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)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	17
2417MHz	17
2437MHz	23
2457MHz	17.5
2462MHz	17.5
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	23
2437MHz	23.5
2462MHz	24.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	22.5
2437MHz	23.5
2462MHz	23.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	22.5
2437MHz	23
2452MHz	22.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	22.5
2437MHz	23.5
2462MHz	23.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	22.5
2437MHz	23
2452MHz	22.5

Note:
- Evaluated HEW20/HEW40 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. 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	EUT + Adapter

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency 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
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis + Adapter
Operating Mode > 1GHz	CTX
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, the worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA193028-02 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MOSO	MS-V4000R120-050A0-US	Input: 100-240V~, 50/60Hz, 1.3A max. Output: 12.0V, 4.0A
Others			
RJ-45 cable*1: Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Phone1	SAMPO	HT-B 907WL	N/A
B	Phone2	SAMPO	HT-B 907WL	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	WAN NB	DELL	E6430	N/A
F	CO (Terminal System)	Jinghong	D3 CMTS JH-HE3416B	N/A
G	LAN NB	DELL	E6430	N/A

For Radiated (below 1GHz):

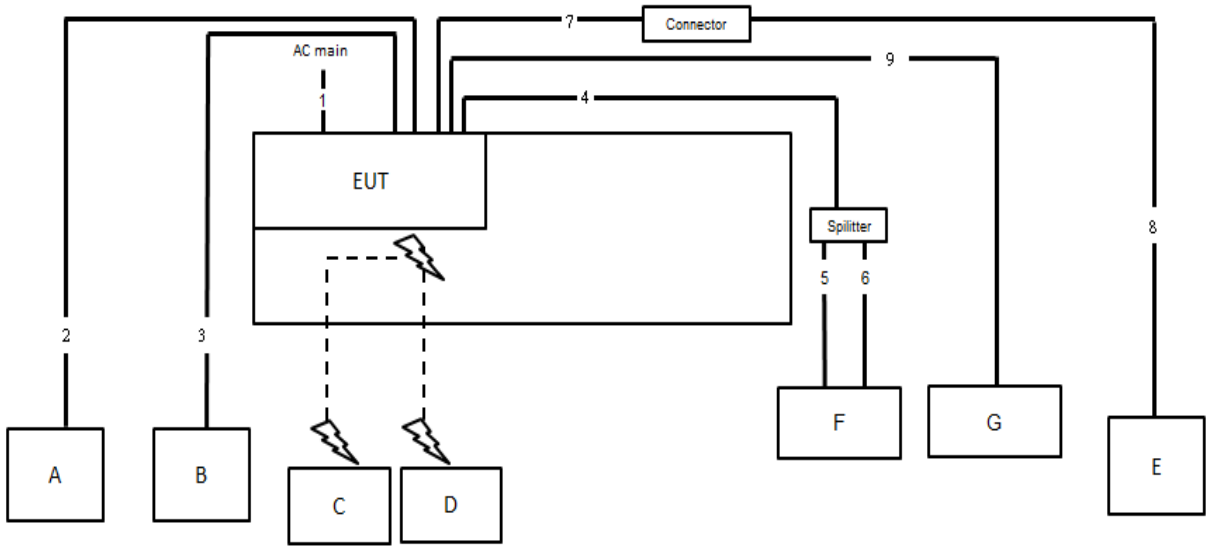
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Terminal System	N/A	JH-HE3416B	N/A
B	NB (LAN)	DELL	E4300	N/A
C	NB (2.4G WIFI)	DELL	E4300	N/A
D	NB (5G WIFI)	DELL	E4300	N/A
E	Phone1	H-T-T	F-689	N/A
F	Phone2	H-T-T	F-689	N/A
G	PC(2.5G WAN)	DELL	T3400	N/A

For Radiated (above 1GHz) and RF Conducted:

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

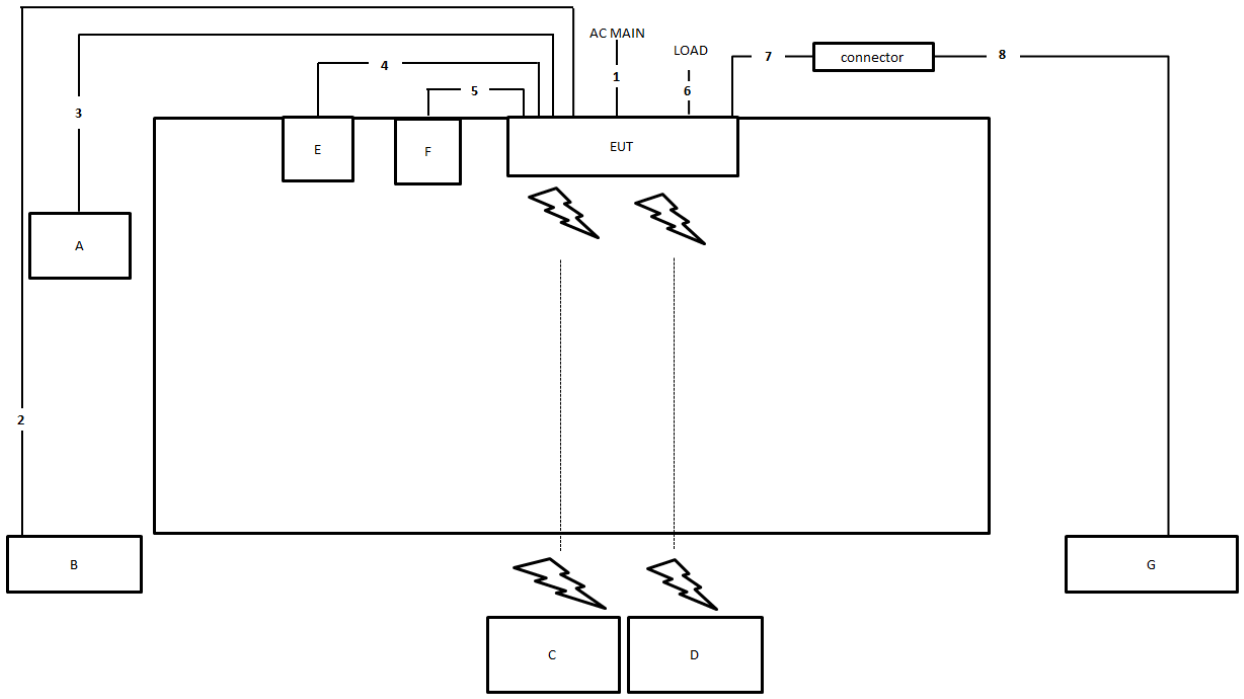
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



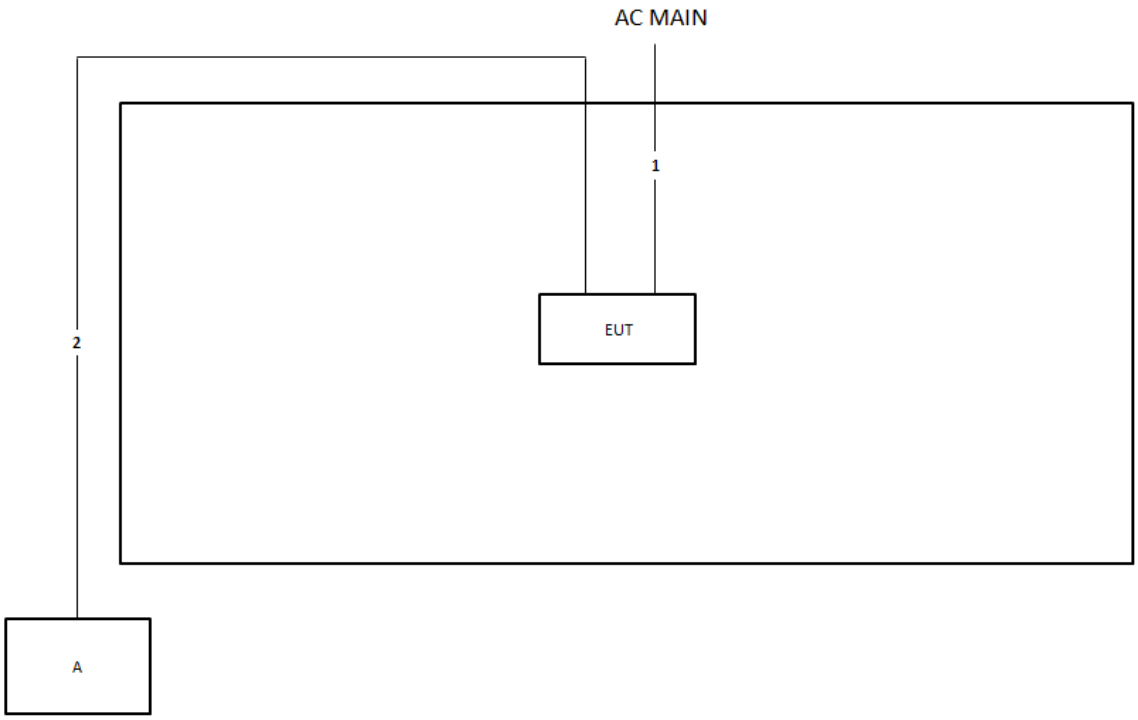
Item	Connection	Shielded	Length
1	Power cable	No	1.6m
2	RJ-11 cable	No	10m
3	RJ-11 cable	No	10m
4	Coaxial cable	Yes	10m
5	Coaxial cable	Yes	1m
6	Coaxial cable	Yes	1m
7	RJ-45 cable	No	1.5m
8	RJ-45 cable	No	10m
9	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.6m
2	RJ-45 cable	No	10m
3	Coaxial cable	Yes	10m
4	RJ-11 cable	No	1.5m
5	RJ-11 cable	No	1.5m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	1.5m
8	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.6m
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

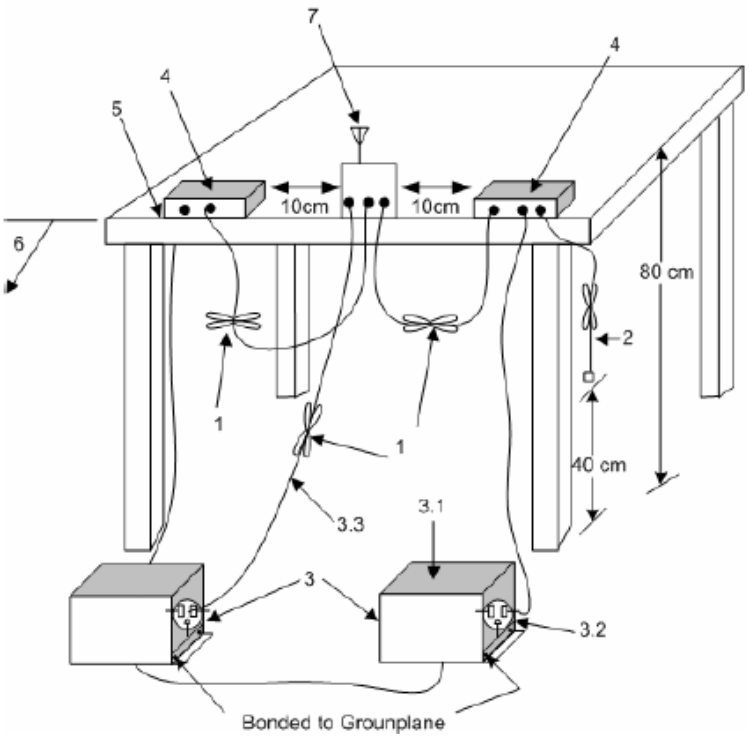
Refer a test equipment and calibration data table in this test report.

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.

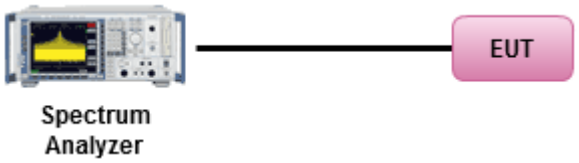
3.2.2 Measuring Instruments

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 Bandwidthz

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

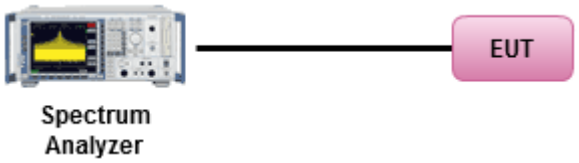
3.4.2 Measuring Instruments

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

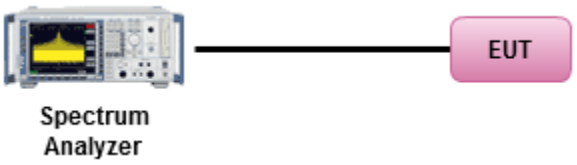
Refer a test equipment and calibration data table in this test report.

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.

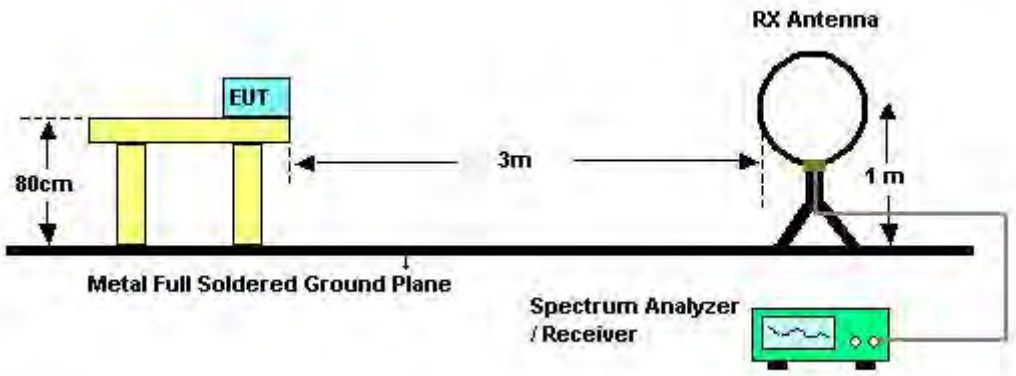
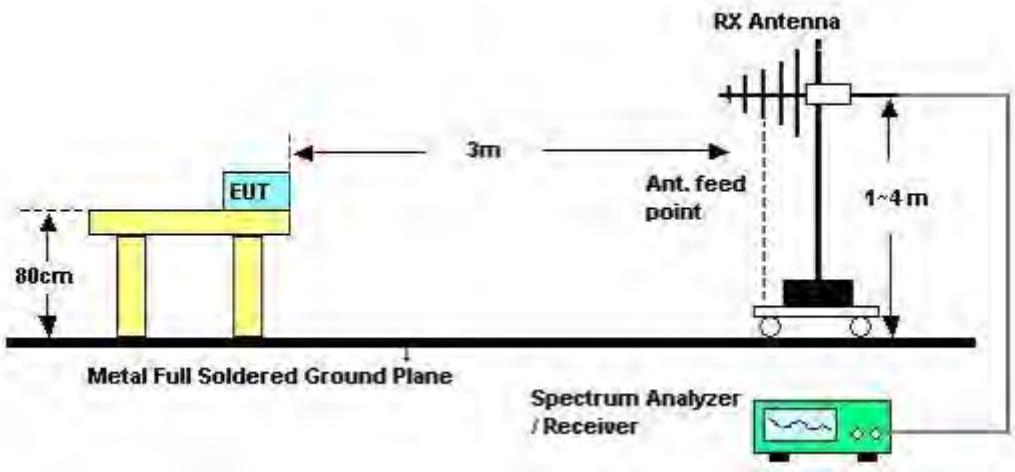
3.6.2 Measuring Instruments

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

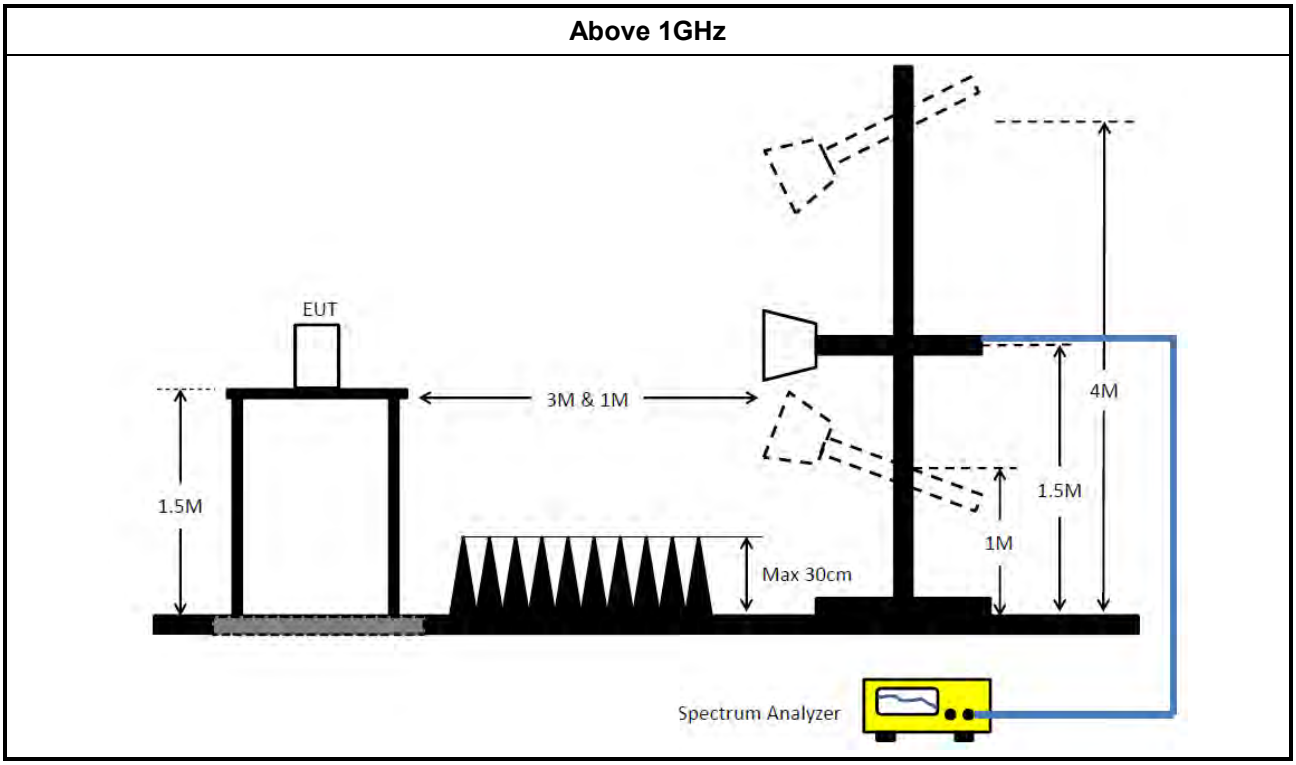
3.6.3 Test Procedures

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	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 04, 2022	Aug. 03. 2023	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2022	Jul. 30, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2021	Nov. 03, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug 02, 2022	Aug 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+67	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSP	100593	9kHz~40GHz	Apr. 08, 2022	Apr. 07, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

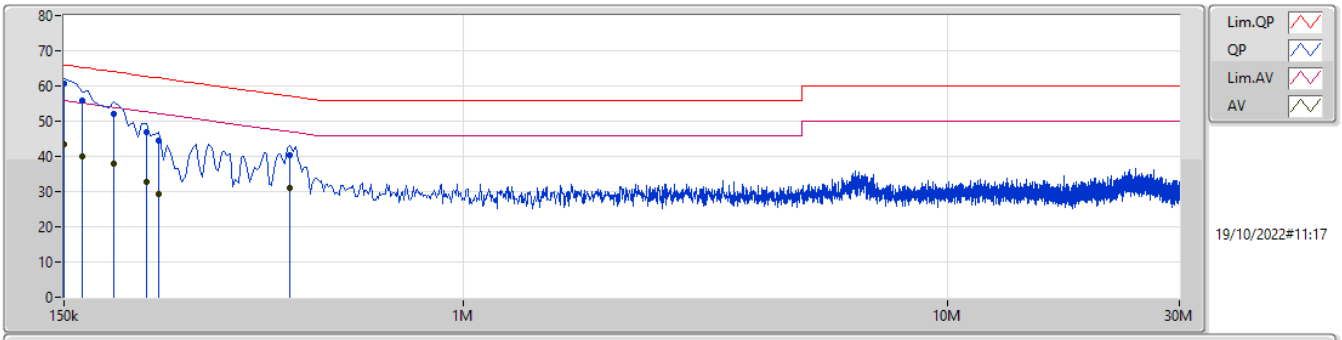
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

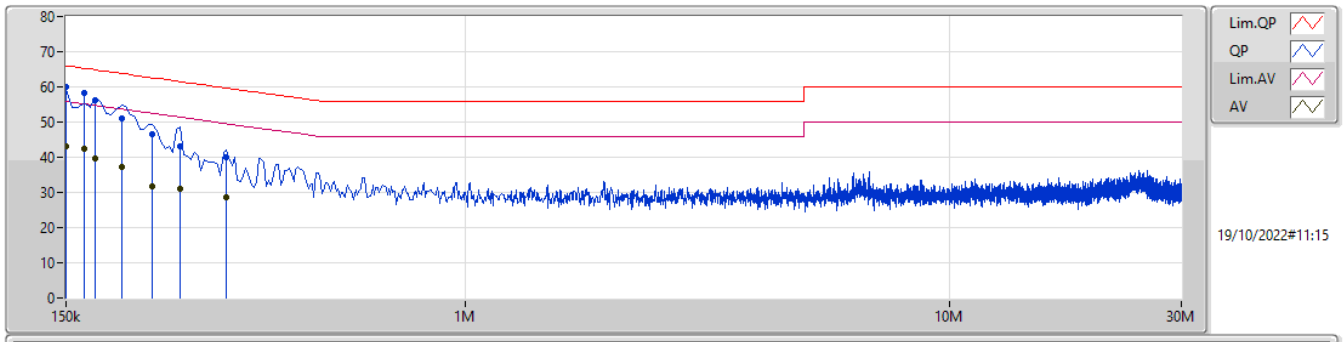
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	60.53	66.00	-5.47	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	60.53	66.00	-5.47	9.99	Line	"Worst"	50.54	0.06	0.04	9.89
AV	150k	43.53	56.00	-12.47	9.99	Line	-	33.54	0.06	0.04	9.89
QP	163.5k	56.03	65.27	-9.24	9.99	Line	-	46.04	0.06	0.04	9.89
AV	163.5k	40.16	55.27	-15.11	9.99	Line	-	30.17	0.06	0.04	9.89
QP	190.5k	52.11	64.01	-11.90	9.99	Line	-	42.12	0.06	0.04	9.89
AV	190.5k	37.95	54.01	-16.06	9.99	Line	-	27.96	0.06	0.04	9.89
QP	222k	46.82	62.75	-15.93	9.99	Line	-	36.83	0.06	0.04	9.89
AV	222k	32.60	52.75	-20.15	9.99	Line	-	22.61	0.06	0.04	9.89
QP	235.5k	44.39	62.25	-17.86	9.99	Line	-	34.40	0.06	0.04	9.89
AV	235.5k	29.38	52.25	-22.87	9.99	Line	-	19.39	0.06	0.04	9.89
QP	438k	40.48	57.11	-16.63	10.01	Line	-	30.47	0.06	0.06	9.89
AV	438k	31.00	47.11	-16.11	10.01	Line	-	20.99	0.06	0.06	9.89

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	60.10	66.00	-5.90	10.00	Neutral	"Worst"	50.10	0.07	0.04	9.89
AV	150k	43.20	56.00	-12.80	10.00	Neutral	-	33.20	0.07	0.04	9.89
QP	163.5k	58.41	65.27	-6.86	10.00	Neutral	-	48.41	0.07	0.04	9.89
AV	163.5k	42.32	55.27	-12.95	10.00	Neutral	-	32.32	0.07	0.04	9.89
QP	172.5k	56.26	64.83	-8.57	10.00	Neutral	-	46.26	0.07	0.04	9.89
AV	172.5k	39.54	54.83	-15.29	10.00	Neutral	-	29.54	0.07	0.04	9.89
QP	195k	50.95	63.82	-12.87	10.00	Neutral	-	40.95	0.07	0.04	9.89
AV	195k	37.10	53.82	-16.72	10.00	Neutral	-	27.10	0.07	0.04	9.89
QP	226.5k	46.44	62.58	-16.14	10.00	Neutral	-	36.44	0.07	0.04	9.89
AV	226.5k	31.80	52.58	-20.78	10.00	Neutral	-	21.80	0.07	0.04	9.89
QP	258k	43.26	61.49	-18.23	10.01	Neutral	-	33.25	0.07	0.05	9.89
AV	258k	31.19	51.49	-20.30	10.01	Neutral	-	21.18	0.07	0.05	9.89
QP	321k	39.93	59.67	-19.74	10.01	Neutral	-	29.92	0.07	0.05	9.89
AV	321k	28.59	49.67	-21.08	10.01	Neutral	-	18.58	0.07	0.05	9.89

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	9M	13.159M	13M2G1D	7.525M	12.942M
802.11g_Nss1,(6Mbps)_4TX	16.4M	16.715M	16M7D1D	16.3M	16.609M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.2M	19.125M	19M1D1D	18.925M	19.027M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.95M	37.711M	37M7D1D	35.35M	37.613M

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

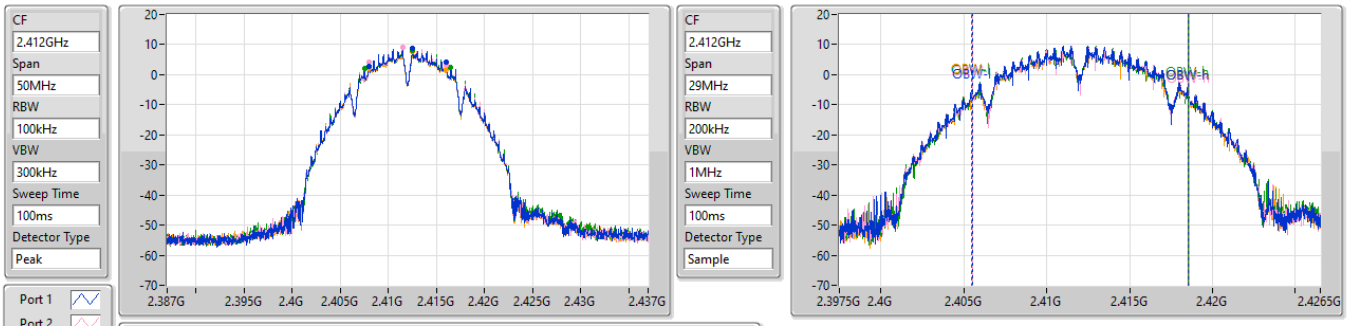
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8M	13.029M	8M	13.072M	9M	13.058M	8.1M	13.072M
2437MHz	Pass	500k	7.525M	13.116M	7.575M	13.159M	8.075M	13.072M	8.525M	12.986M
2462MHz	Pass	500k	7.525M	13M	7.55M	12.986M	7.55M	12.971M	8M	12.942M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.63M	16.3M	16.609M	16.35M	16.694M	16.35M	16.63M
2437MHz	Pass	500k	16.325M	16.63M	16.325M	16.652M	16.325M	16.652M	16.325M	16.609M
2462MHz	Pass	500k	16.35M	16.673M	16.375M	16.715M	16.4M	16.694M	16.375M	16.673M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.925M	19.076M	19.05M	19.076M	18.975M	19.076M	19.2M	19.076M
2437MHz	Pass	500k	19.025M	19.125M	19.05M	19.125M	19.05M	19.1M	19M	19.076M
2462MHz	Pass	500k	19.075M	19.051M	19M	19.051M	18.95M	19.051M	18.975M	19.027M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.613M	37.65M	37.613M	35.9M	37.662M	37.7M	37.613M
2437MHz	Pass	500k	37.8M	37.711M	37.15M	37.613M	37.95M	37.662M	36.65M	37.662M
2452MHz	Pass	500k	36.5M	37.711M	35.35M	37.662M	36.75M	37.662M	36.65M	37.711M

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

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

29/10/2022

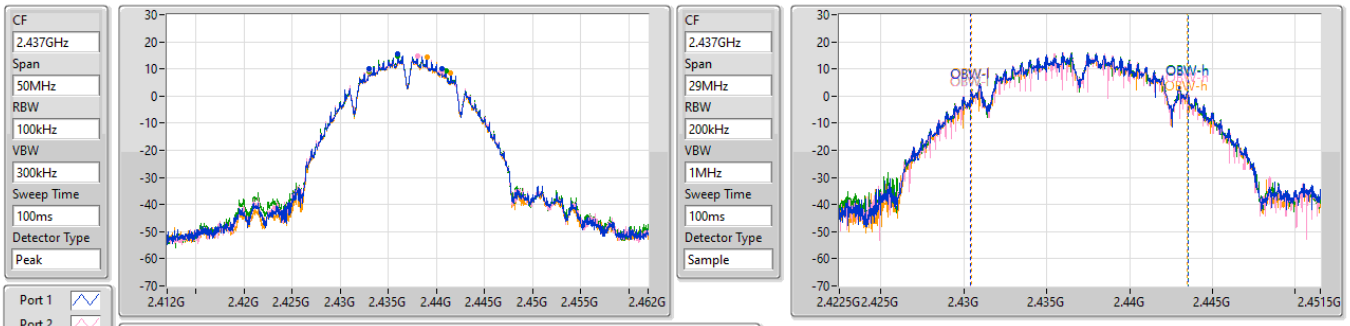


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.408G	2.416G	13.029M	2.405507G	2.418536G	500k	1
8M	2.408G	2.416G	13.072M	2.405536G	2.418609G	500k	2
9M	2.4075G	2.4165G	13.058M	2.405493G	2.418551G	500k	3
8.1M	2.40795G	2.41605G	13.072M	2.405493G	2.418565G	500k	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

29/10/2022

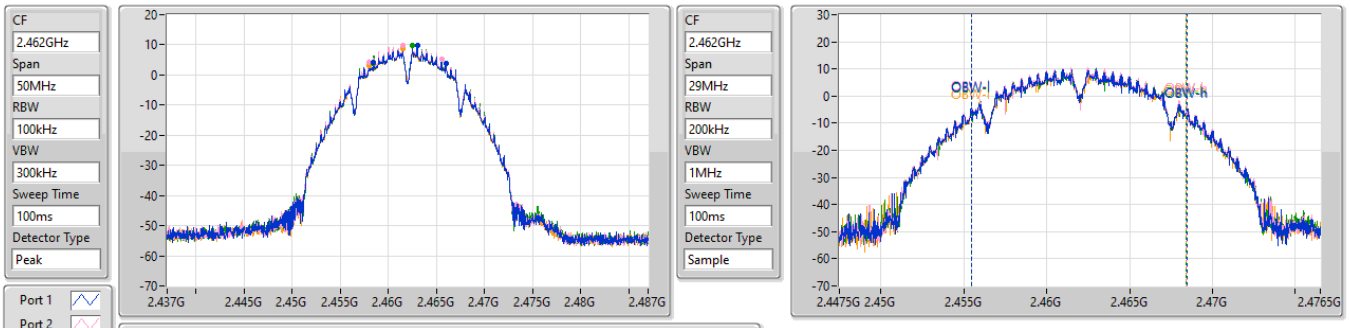


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.433G	2.440525G	13.116M	2.430406G	2.443522G	500k	1
7.575M	2.432975G	2.44055G	13.159M	2.430377G	2.443536G	500k	2
8.075M	2.43295G	2.441025G	13.072M	2.430435G	2.443507G	500k	3
8.525M	2.432975G	2.4415G	12.986M	2.430464G	2.443449G	500k	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

29/10/2022

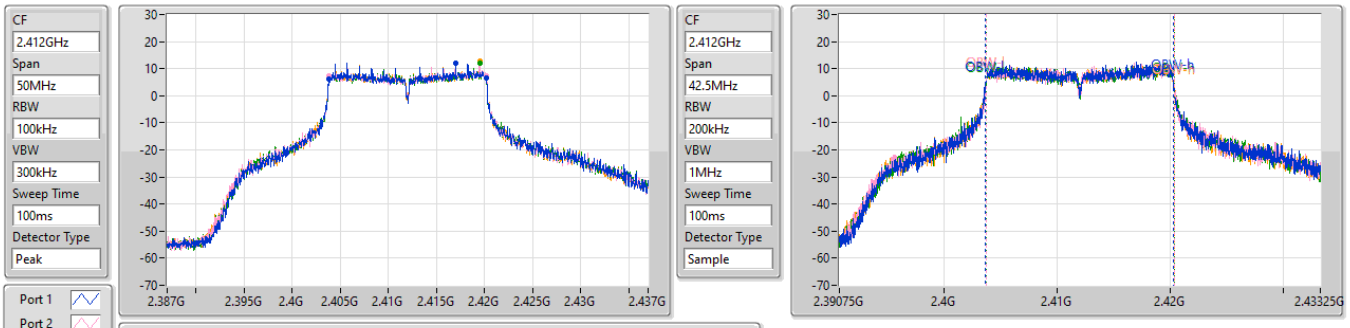


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.458475G	2.466G	13M	2.455449G	2.468449G	500k	1
7.55M	2.457975G	2.465525G	12.986M	2.455464G	2.468449G	500k	2
7.55M	2.45845G	2.466G	12.971M	2.455464G	2.468435G	500k	3
8M	2.457975G	2.465975G	12.942M	2.455493G	2.468435G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

29/10/2022

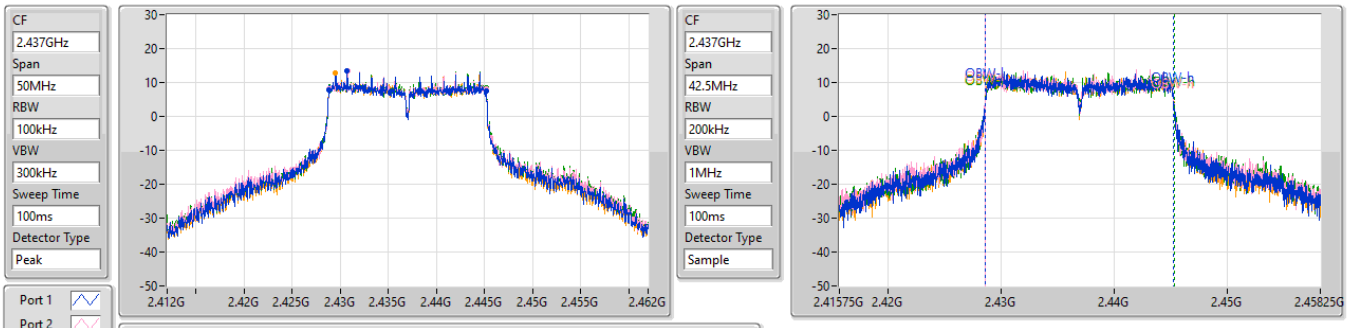


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.403825G	2.420175G	16.63M	2.403674G	2.420305G	500k	1
16.3M	2.40385G	2.42015G	16.609M	2.403717G	2.420326G	500k	2
16.35M	2.403825G	2.420175G	16.694M	2.403695G	2.42039G	500k	3
16.35M	2.403825G	2.420175G	16.63M	2.403695G	2.420326G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

29/10/2022

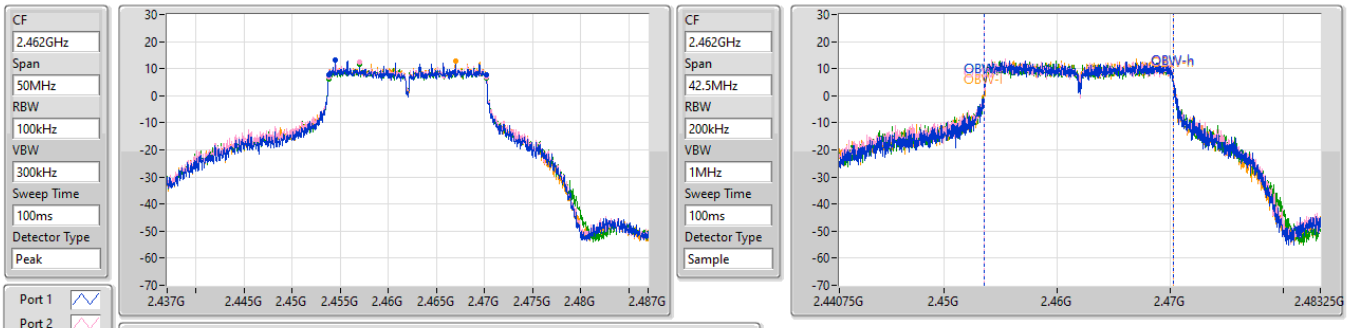


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.63M	2.428653G	2.445283G	500k	1
16.325M	2.428825G	2.44515G	16.652M	2.428653G	2.445305G	500k	2
16.325M	2.428825G	2.44515G	16.652M	2.428674G	2.445326G	500k	3
16.325M	2.428825G	2.44515G	16.609M	2.428674G	2.445283G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

29/10/2022



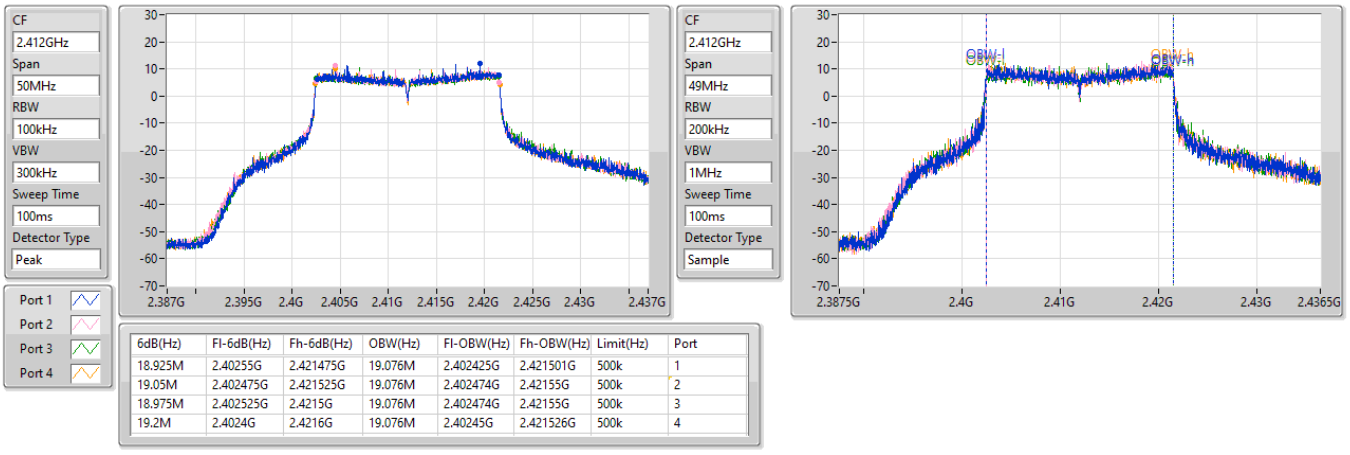
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.673M	2.453589G	2.470262G	500k	1
16.375M	2.4538G	2.470175G	16.715M	2.453547G	2.470262G	500k	2
16.4M	2.453775G	2.470175G	16.694M	2.453589G	2.470283G	500k	3
16.375M	2.4538G	2.470175G	16.673M	2.453589G	2.470262G	500k	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2412MHz

29/10/2022



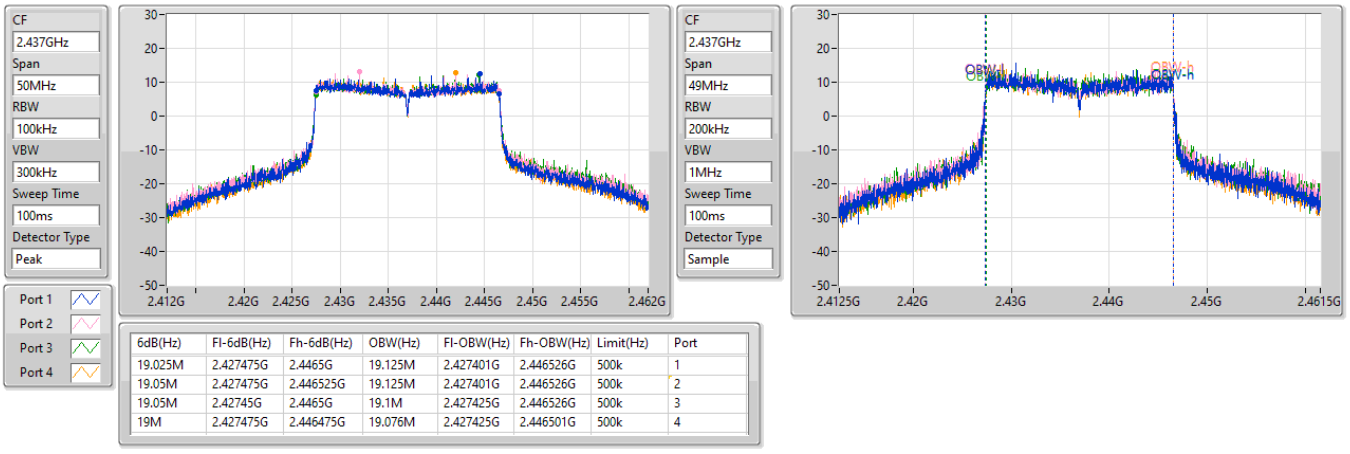
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.40255G	2.421475G	19.076M	2.402425G	2.421501G	500k	1
19.05M	2.402475G	2.421525G	19.076M	2.402474G	2.42155G	500k	2
18.975M	2.402525G	2.4215G	19.076M	2.402474G	2.42155G	500k	3
19.2M	2.4024G	2.4216G	19.076M	2.40245G	2.421526G	500k	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2437MHz

29/10/2022

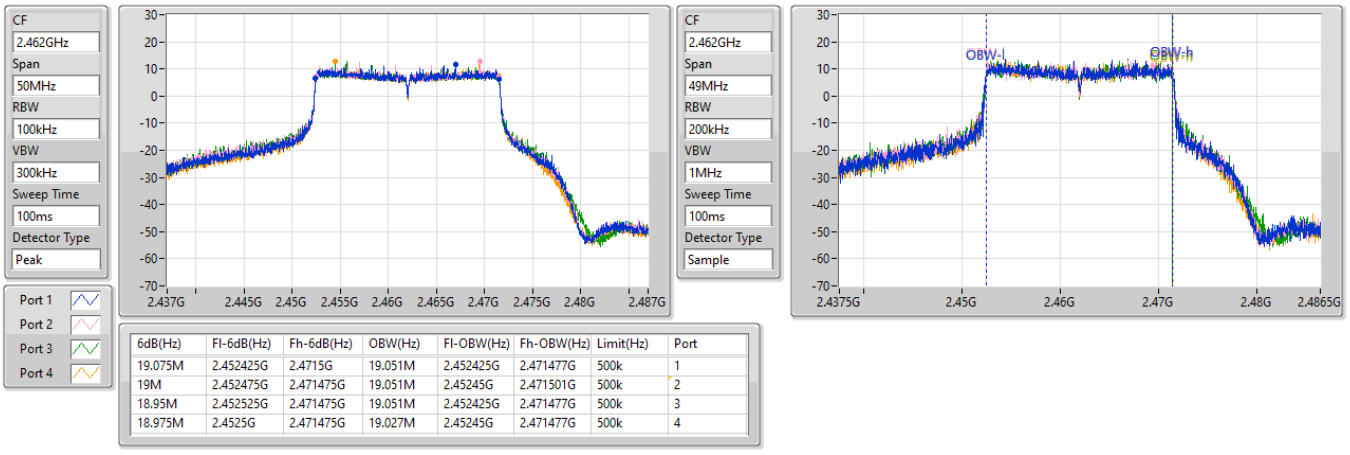


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.427475G	2.4465G	19.125M	2.427401G	2.446526G	500k	1
19.05M	2.427475G	2.446525G	19.125M	2.427401G	2.446526G	500k	2
19.05M	2.42745G	2.4465G	19.1M	2.427425G	2.446526G	500k	3
19M	2.427475G	2.446475G	19.076M	2.427425G	2.446501G	500k	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

29/10/2022

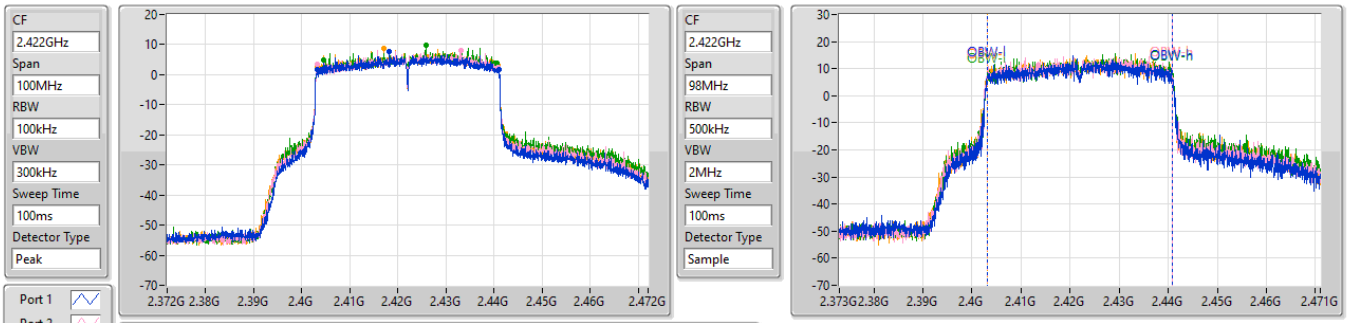


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	2.452425G	2.4715G	19.051M	2.452425G	2.471477G	500k	1
19M	2.452475G	2.471475G	19.051M	2.45245G	2.471501G	500k	2
18.95M	2.452525G	2.471475G	19.051M	2.452425G	2.471477G	500k	3
18.975M	2.4525G	2.471475G	19.027M	2.45245G	2.471477G	500k	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

29/10/2022

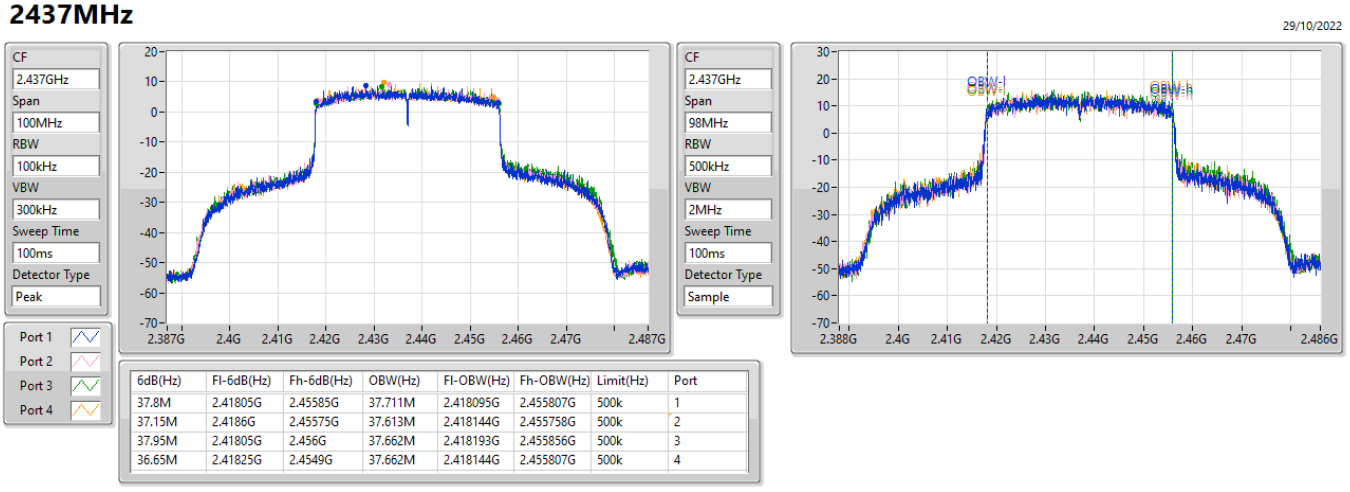


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4033G	2.44095G	37.613M	2.403193G	2.440807G	500k	1
37.65M	2.4032G	2.44085G	37.613M	2.403193G	2.440807G	500k	2
35.9M	2.4046G	2.4405G	37.662M	2.403193G	2.440856G	500k	3
37.7M	2.40315G	2.44085G	37.613M	2.403193G	2.440807G	500k	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2437MHz

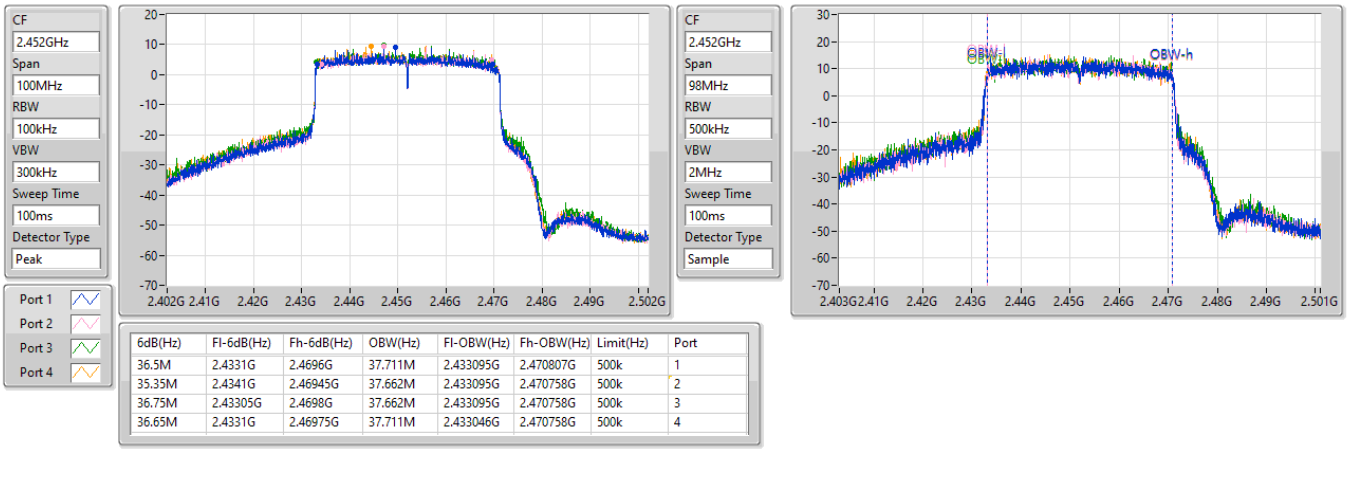


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.41805G	2.45585G	37.711M	2.418095G	2.455807G	500k	1
37.15M	2.4186G	2.45575G	37.613M	2.418144G	2.455758G	500k	2
37.95M	2.41805G	2.456G	37.662M	2.418193G	2.455856G	500k	3
36.65M	2.41825G	2.4549G	37.662M	2.418144G	2.455807G	500k	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.5M	2.4331G	2.4696G	37.711M	2.433095G	2.470807G	500k	1
35.35M	2.4341G	2.46945G	37.662M	2.433095G	2.470758G	500k	2
36.75M	2.43305G	2.4698G	37.662M	2.433095G	2.470758G	500k	3
36.65M	2.4331G	2.46975G	37.711M	2.433046G	2.470758G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.56	0.90365
802.11g_Nss1,(6Mbps)_4TX	29.97	0.99312
802.11ax HEW20_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW40_Nss1,(MCS0)_4TX	29.87	0.97051
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.87	0.97051

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	3.26	17.12	17.27	17.14	16.82	23.11	30.00
2417MHz	Pass	3.26	17.15	17.31	17.10	16.95	23.15	30.00
2437MHz	Pass	3.26	23.44	23.73	23.78	23.19	29.56	30.00
2457MHz	Pass	3.26	17.68	18.33	17.75	17.25	23.79	30.00
2462MHz	Pass	3.26	17.75	18.14	17.96	17.12	23.78	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.26	22.45	22.54	22.15	22.29	28.38	30.00
2437MHz	Pass	3.26	23.5	23.89	23.77	23.68	29.73	30.00
2462MHz	Pass	3.26	23.77	24.12	23.81	24.07	29.97	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.26	22.42	22.47	22.21	22.36	28.39	30.00
2437MHz	Pass	3.26	23.94	24.01	24.03	23.91	29.99	30.00
2462MHz	Pass	3.26	23.5	23.64	23.49	23.52	29.56	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.26	22.22	22.74	23.13	23.01	28.81	30.00
2437MHz	Pass	3.26	23.74	23.74	23.96	23.95	29.87	30.00
2452MHz	Pass	3.26	23.01	23.17	23.47	23.56	29.33	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.92	22.42	22.47	22.21	22.36	28.39	30.00
2437MHz	Pass	5.92	23.94	24.01	24.03	23.91	29.99	30.00
2462MHz	Pass	5.92	23.5	23.64	23.49	23.52	29.56	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.92	22.22	22.74	23.13	23.01	28.81	30.00
2437MHz	Pass	5.92	23.74	23.74	23.96	23.95	29.87	30.00
2452MHz	Pass	5.92	23.01	23.17	23.47	23.56	29.33	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	5.56
802.11g_Nss1,(6Mbps)_4TX	1.33
802.11ax HEW20_Nss1,(MCS0)_4TX	1.27
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.08

RBW = 3kHz;

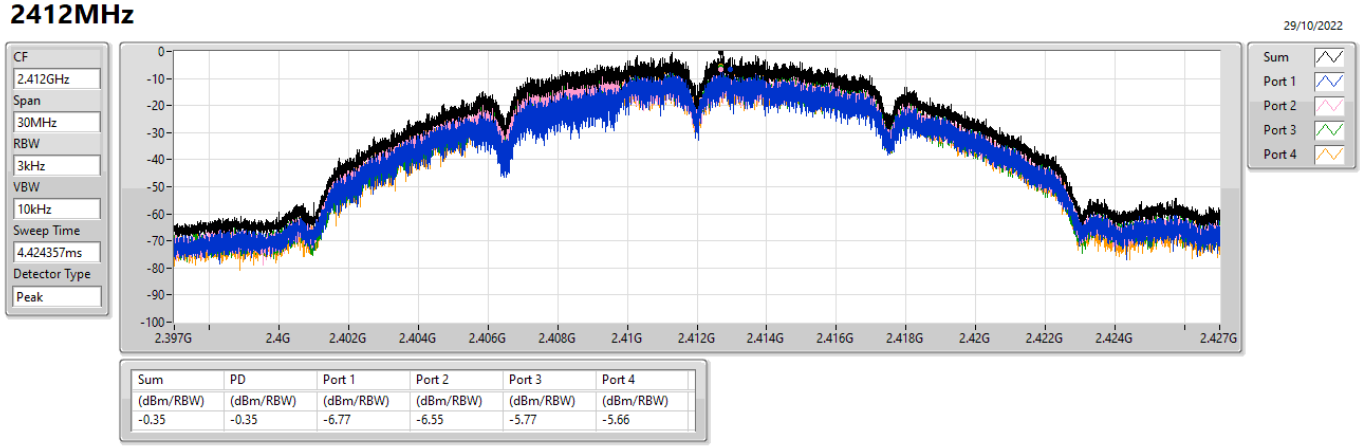
Result

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	5.92	-6.77	-6.55	-5.77	-5.66	-0.35	8.00
2437MHz	Pass	5.92	1.82	0.64	-1.28	-0.13	5.56	8.00
2462MHz	Pass	5.92	-5.86	-5.62	-5.76	-4.86	-0.53	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.92	-4.39	-5.05	-5.14	-4.27	0.12	8.00
2437MHz	Pass	5.92	-3.53	-2.72	-4.15	-3.59	1.08	8.00
2462MHz	Pass	5.92	-2.71	-4.04	-4.07	-3.14	1.33	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.92	-4.58	-4.16	-5.02	-4.37	0.09	8.00
2437MHz	Pass	5.92	-2.07	-2.52	-2.63	-2.81	1.27	8.00
2462MHz	Pass	5.92	-3.37	-3.07	-3.05	-3.34	0.64	8.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.92	-6.33	-6.08	-5.06	-6.19	-1.79	8.00
2437MHz	Pass	5.92	-5.13	-5.19	-5.29	-5.25	-1.58	8.00
2452MHz	Pass	5.92	-4.86	-5.58	-5.97	-6.05	-1.08	8.00

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

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX PSD

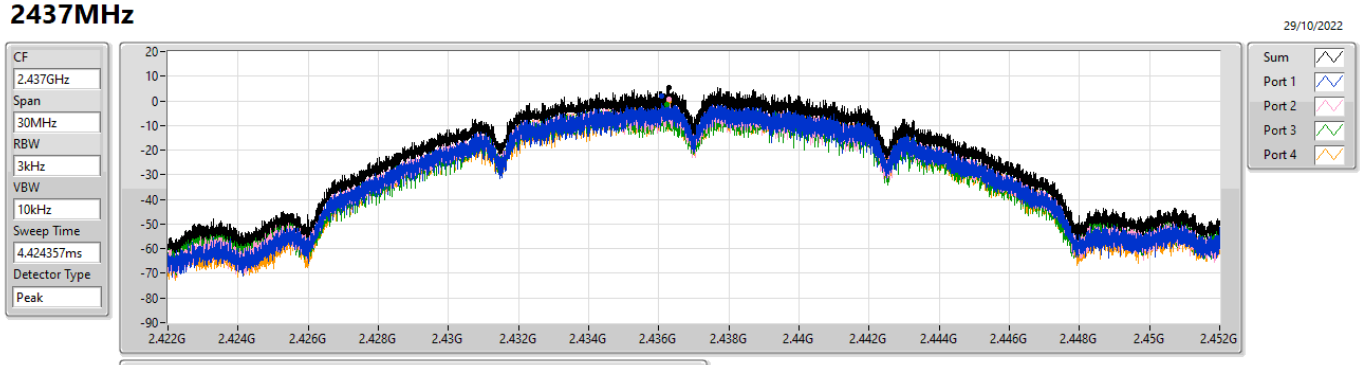
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.35	-0.35	-6.77	-6.55	-5.77	-5.66

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX PSD

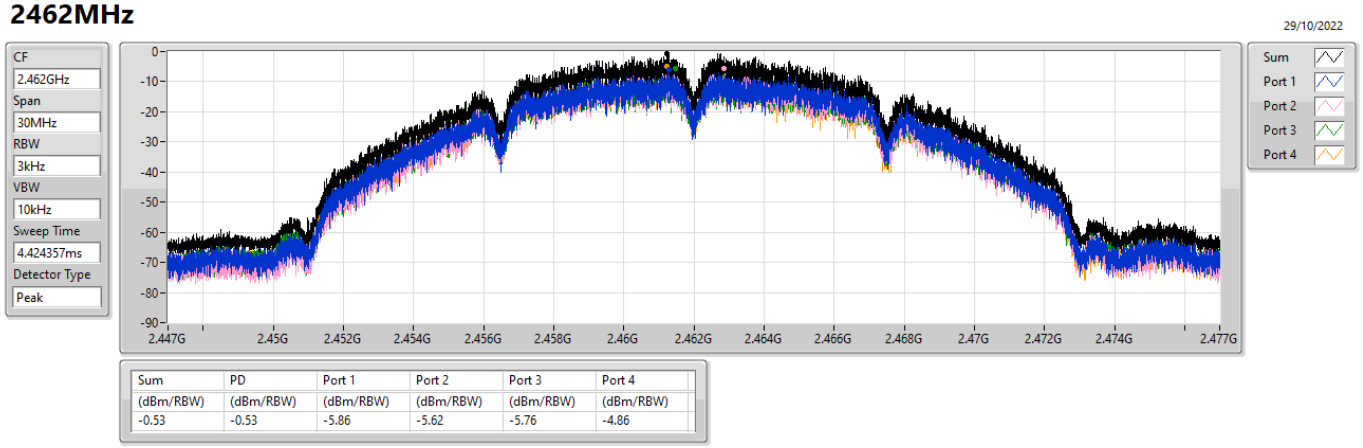
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	1.82	0.64	-1.28	-0.13

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX PSD

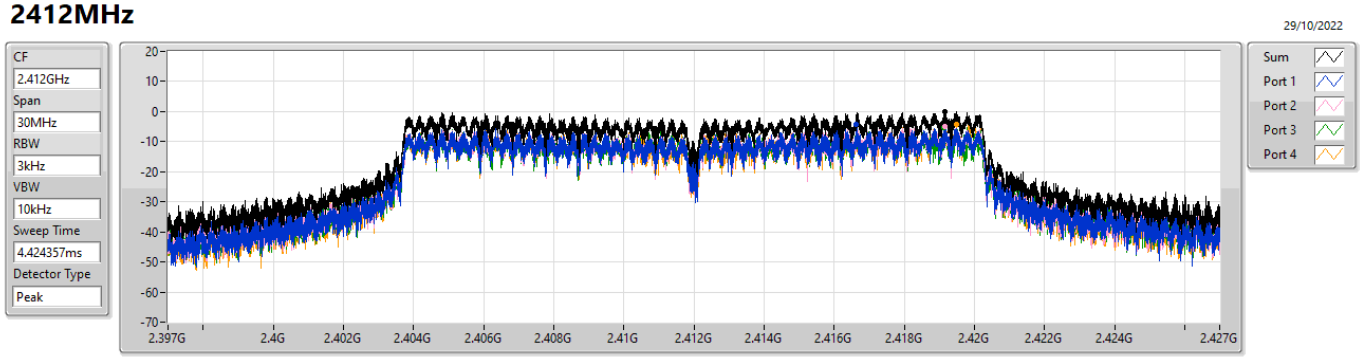
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.53	-0.53	-5.86	-5.62	-5.76	-4.86

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX PSD

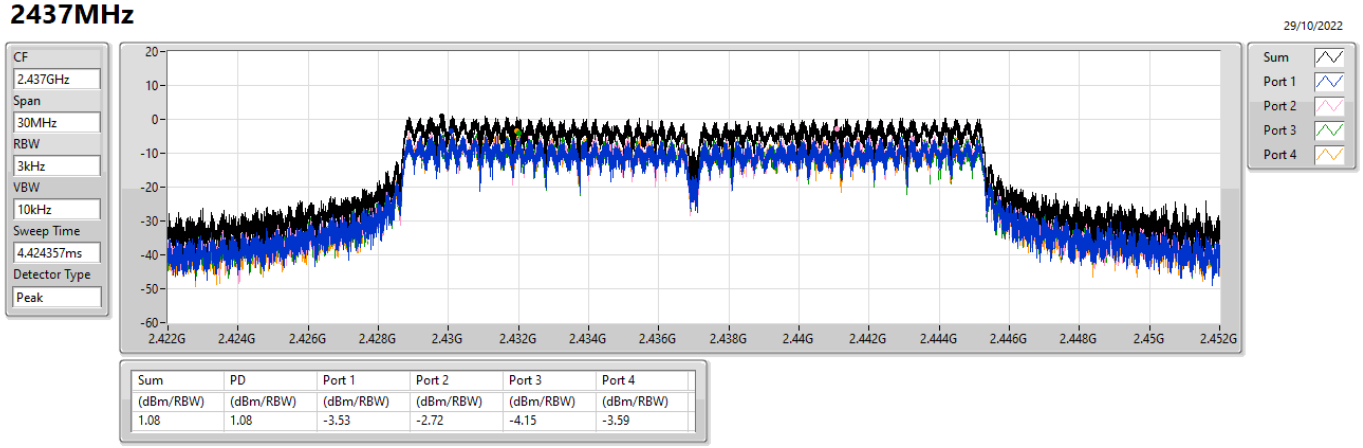
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	-4.39	-5.05	-5.14	-4.27

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX PSD

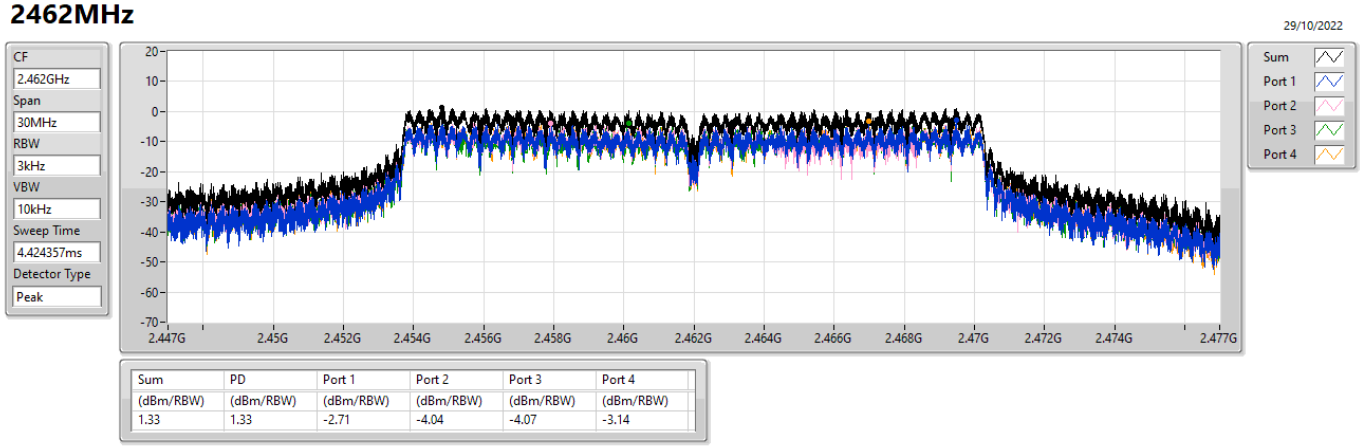
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-3.53	-2.72	-4.15	-3.59

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX PSD

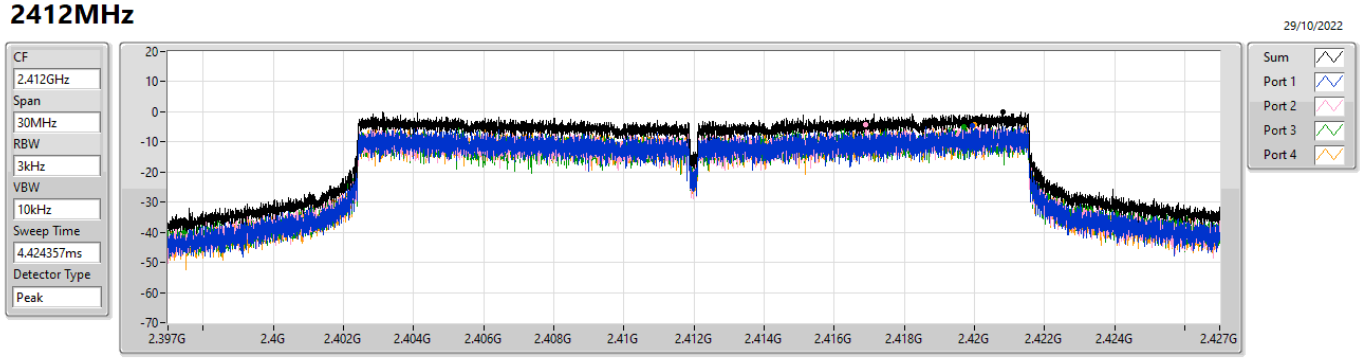
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.33	1.33	-2.71	-4.04	-4.07	-3.14

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

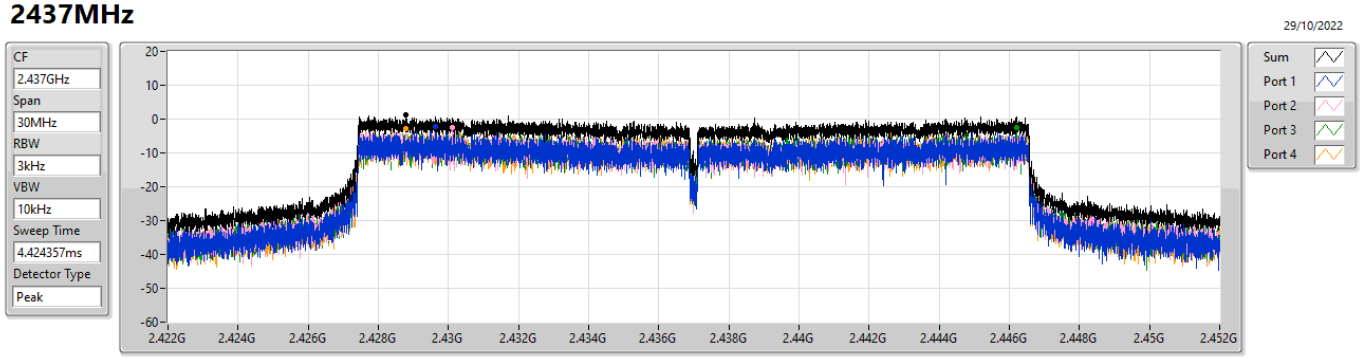
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.09	0.09	-4.58	-4.16	-5.02	-4.37

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

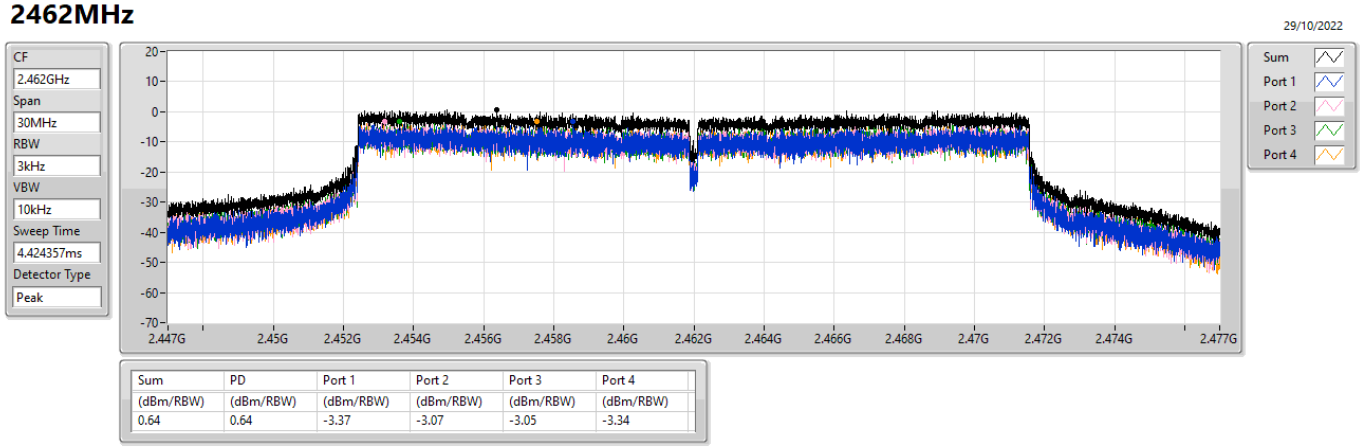
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-2.07	-2.52	-2.63	-2.81

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX PSD

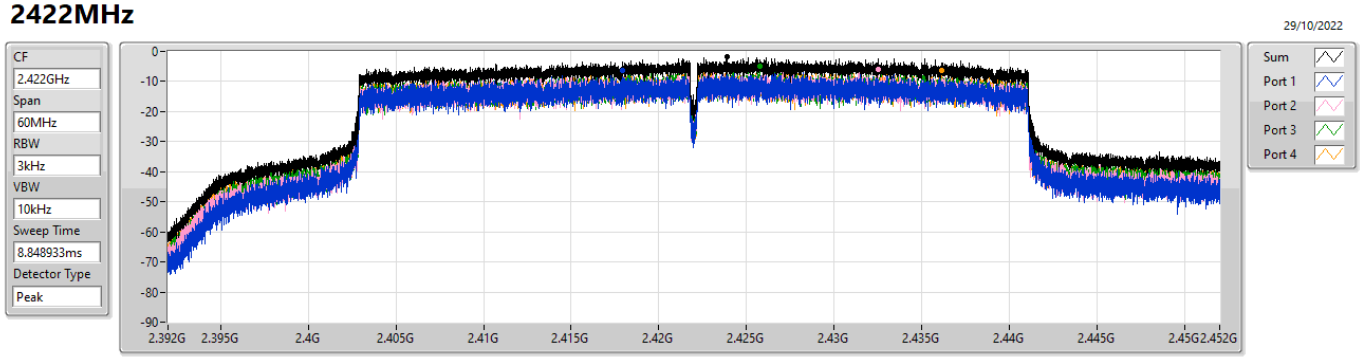
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.64	0.64	-3.37	-3.07	-3.05	-3.34

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

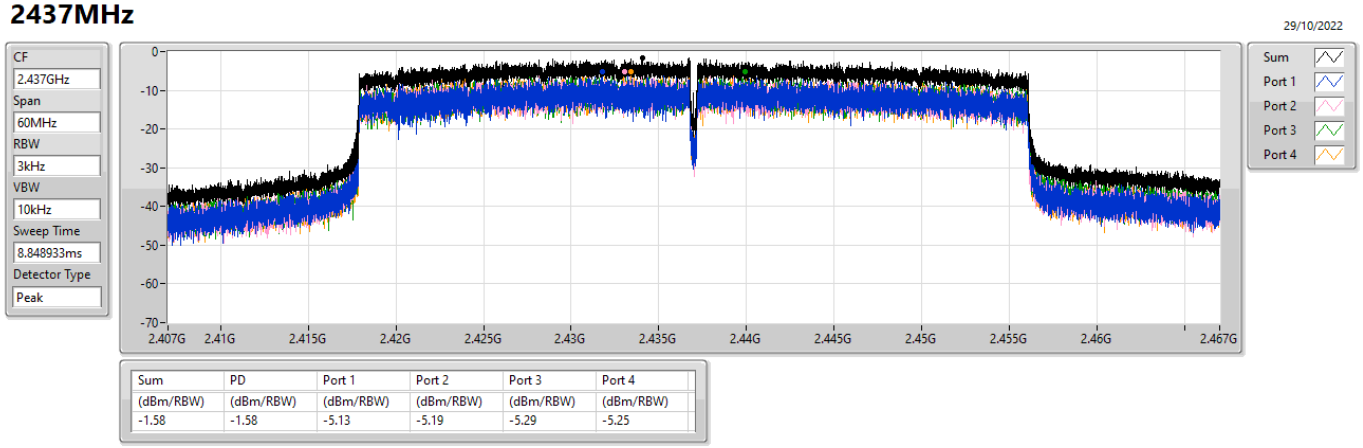
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.79	-1.79	-6.33	-6.08	-5.06	-6.19

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX PSD

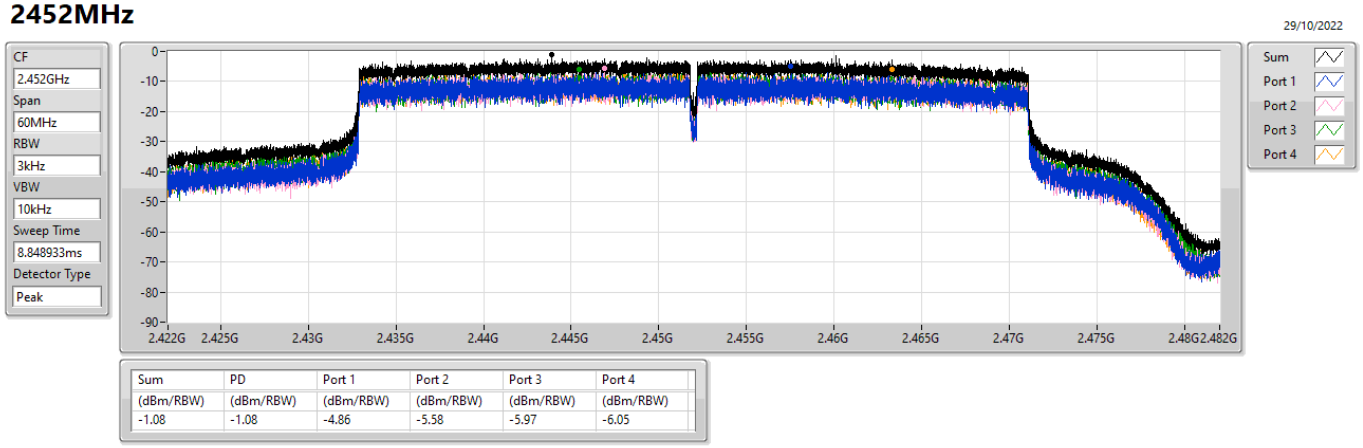
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.58	-1.58	-5.13	-5.19	-5.29	-5.25

2.4-2.4835GHz_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)
-1.08	-1.08	-4.86	-5.58	-5.97	-6.05

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	2.43591G	15.61	-14.39	2.10603G	-53.07	2.4G	-44.25	2.4G	-45.33	2.51766G	-51.06	6.96261G	-47.27	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.45695G	13.30	-16.70	2.16195G	-51.24	2.3992G	-18.68	2.4G	-16.82	2.51166G	-51.52	24.18804G	-47.06	4
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.4319G	13.33	-16.67	867.64M	-52.94	2.39984G	-18.43	2.4G	-16.81	2.51478G	-51.46	21.51614G	-46.52	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.44075G	10.17	-19.83	876.16M	-53.07	2.39984G	-20.73	2.4G	-23.14	2.53502G	-51.26	21.94022G	-47.38	3

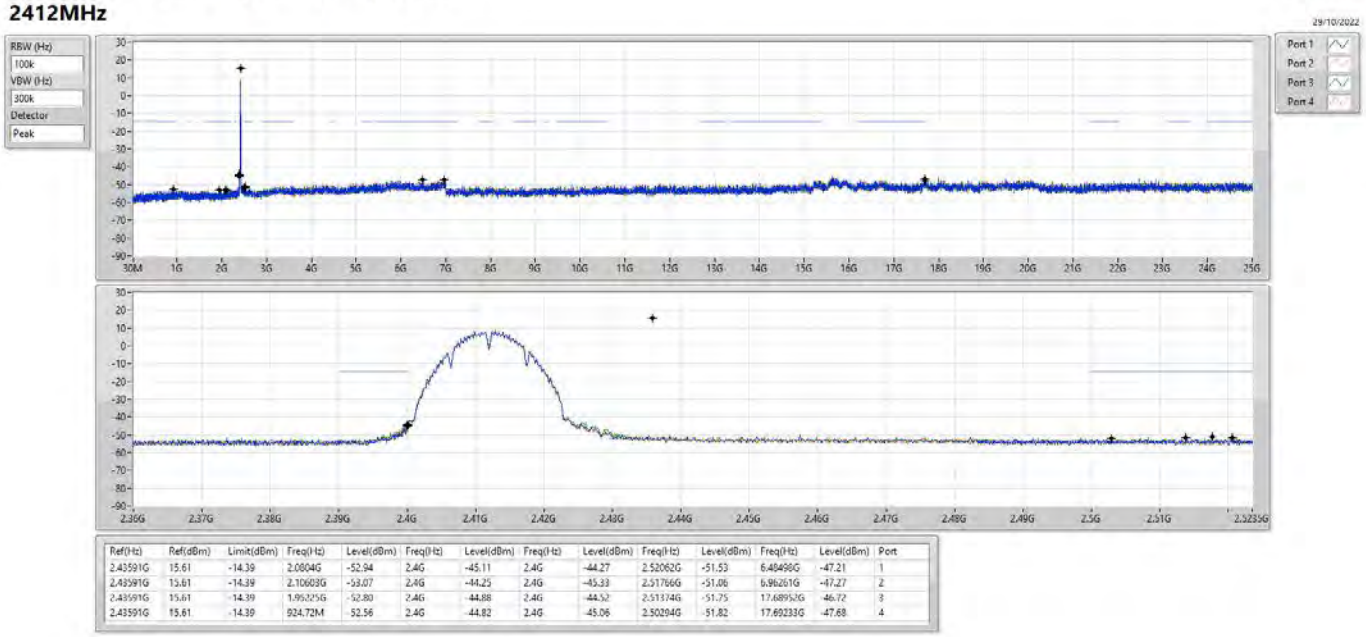
Result

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	2.43591G	15.61	-14.39	2.0804G	-52.94	2.4G	-45.11	2.4G	-44.27	2.52062G	-51.53	6.48498G	-47.21	1
2412MHz	Pass	2.43591G	15.61	-14.39	2.10603G	-53.07	2.4G	-44.25	2.4G	-45.33	2.51766G	-51.06	6.96261G	-47.27	2
2412MHz	Pass	2.43591G	15.61	-14.39	1.95225G	-52.80	2.4G	-44.88	2.4G	-44.52	2.51374G	-51.75	17.68952G	-46.72	3
2412MHz	Pass	2.43591G	15.61	-14.39	924.72M	-52.56	2.4G	-44.82	2.4G	-45.06	2.50294G	-51.82	17.69233G	-47.68	4
2437MHz	Pass	2.43591G	15.61	-14.39	2.09671G	-52.48	2.39592G	-51.62	2.4G	-52.48	2.50742G	-51.68	6.67884G	-47.11	1
2437MHz	Pass	2.43591G	15.61	-14.39	2.30175G	-52.34	2.3992G	-52.02	2.4G	-51.80	2.5179G	-51.40	5.88936G	-46.85	2
2437MHz	Pass	2.43591G	15.61	-14.39	300.28M	-52.84	2.39728G	-51.31	2.4G	-53.21	2.52094G	-51.24	15.22272G	-46.83	3
2437MHz	Pass	2.43591G	15.61	-14.39	871.13M	-52.93	2.39944G	-51.80	2.4G	-52.04	2.50726G	-51.63	17.66142G	-47.15	4
2462MHz	Pass	2.43591G	15.61	-14.39	894.43M	-52.33	2.39728G	-52.14	2.4G	-52.38	2.51358G	-51.81	17.66985G	-47.25	1
2462MHz	Pass	2.43591G	15.61	-14.39	2.19923G	-53.36	2.3912G	-50.85	2.4G	-54.80	2.5215G	-51.06	24.58418G	-46.49	2
2462MHz	Pass	2.43591G	15.61	-14.39	2.13865G	-53.29	2.39576G	-51.14	2.4G	-54.29	2.50966G	-51.44	16.5376G	-47.66	3
2462MHz	Pass	2.43591G	15.61	-14.39	819.87M	-53.51	2.398G	-52.78	2.4G	-53.57	2.51486G	-51.57	16.72022G	-47.81	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45695G	13.30	-16.70	1.93711G	-53.07	2.39984G	-19.11	2.4G	-18.28	2.52142G	-52.23	17.67547G	-46.90	1
2412MHz	Pass	2.45695G	13.30	-16.70	1.98837G	-52.63	2.39992G	-18.46	2.4G	-17.94	2.51118G	-51.75	17.66985G	-46.58	2
2412MHz	Pass	2.45695G	13.30	-16.70	737.16M	-52.82	2.3992G	-18.33	2.4G	-17.82	2.50982G	-51.66	17.68109G	-47.84	3
2412MHz	Pass	2.45695G	13.30	-16.70	2.16195G	-51.24	2.3992G	-18.68	2.4G	-16.82	2.51166G	-51.52	24.18804G	-47.06	4
2437MHz	Pass	2.45695G	13.30	-16.70	2.05943G	-53.03	2.39984G	-42.23	2.4G	-42.58	2.51398G	-51.49	16.73708G	-47.30	1
2437MHz	Pass	2.45695G	13.30	-16.70	878.12M	-53.10	2.39984G	-39.09	2.4G	-39.70	2.52086G	-51.12	16.20045G	-47.15	2
2437MHz	Pass	2.45695G	13.30	-16.70	2.04079G	-52.35	2.39992G	-40.28	2.4G	-41.75	2.5039G	-51.98	5.83316G	-47.22	3
2437MHz	Pass	2.45695G	13.30	-16.70	925.89M	-53.13	2.39984G	-42.87	2.4G	-42.68	2.50206G	-51.13	15.33511G	-46.35	4
2462MHz	Pass	2.45695G	13.30	-16.70	618.33M	-53.37	2.39344G	-51.61	2.4G	-52.03	2.51878G	-51.88	15.23115G	-47.37	1
2462MHz	Pass	2.45695G	13.30	-16.70	2.30059G	-52.36	2.39752G	-51.48	2.4G	-51.31	2.50094G	-51.61	17.65299G	-46.71	2
2462MHz	Pass	2.45695G	13.30	-16.70	1.83575G	-53.21	2.39984G	-50.43	2.4G	-53.24	2.51926G	-52.02	6.96823G	-47.46	3
2462MHz	Pass	2.45695G	13.30	-16.70	2.05128G	-52.68	2.39928G	-51.53	2.4G	-51.70	2.50054G	-51.40	17.6839G	-47.30	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	13.33	-16.67	1.99769G	-52.72	2.4G	-18.16	2.4G	-17.95	2.52062G	-51.71	17.6839G	-47.07	1
2412MHz	Pass	2.4319G	13.33	-16.67	867.64M	-52.94	2.39984G	-18.43	2.4G	-16.81	2.51478G	-51.46	21.51614G	-46.52	2
2412MHz	Pass	2.4319G	13.33	-16.67	902.59M	-52.83	2.39976G	-16.87	2.4G	-18.27	2.51118G	-51.96	6.96542G	-46.90	3
2412MHz	Pass	2.4319G	13.33	-16.67	920.06M	-53.15	2.39968G	-17.86	2.4G	-17.85	2.50782G	-51.11	17.68671G	-47.59	4
2437MHz	Pass	2.4319G	13.33	-16.67	930.55M	-53.10	2.4G	-36.23	2.4G	-36.78	2.51198G	-50.94	15.21148G	-47.67	1
2437MHz	Pass	2.4319G	13.33	-16.67	1.63071G	-52.85	2.39992G	-34.78	2.4G	-35.82	2.50214G	-51.60	17.67266G	-47.31	2
2437MHz	Pass	2.4319G	13.33	-16.67	2.17244G	-53.24	2.39984G	-35.78	2.4G	-36.11	2.50294G	-51.14	6.85023G	-47.15	3
2437MHz	Pass	2.4319G	13.33	-16.67	2.30641G	-53.24	2.39912G	-35.93	2.4G	-36.67	2.5143G	-51.19	17.68109G	-46.90	4
2462MHz	Pass	2.4319G	13.33	-16.67	1.75653G	-51.57	2.3996G	-51.24	2.4G	-51.00	2.50654G	-50.92	17.66704G	-47.29	1
2462MHz	Pass	2.4319G	13.33	-16.67	2.12467G	-52.96	2.39952G	-50.73	2.4G	-52.41	2.50518G	-51.39	17.0967G	-47.51	2
2462MHz	Pass	2.4319G	13.33	-16.67	776.77M	-52.70	2.39744G	-51.19	2.4G	-51.94	2.50582G	-51.38	5.86126G	-45.98	3
2462MHz	Pass	2.4319G	13.33	-16.67	2.05594G	-53.12	2.39904G	-51.76	2.4G	-51.47	2.50086G	-52.16	16.72022G	-47.25	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	10.17	-19.83	954.02M	-52.10	2.4G	-24.78	2.4G	-25.45	2.55518G	-51.12	17.6857G	-47.42	1
2422MHz	Pass	2.44075G	10.17	-19.83	2.16543G	-52.64	2.39968G	-23.47	2.4G	-24.11	2.52046G	-51.52	17.68009G	-46.66	2
2422MHz	Pass	2.44075G	10.17	-19.83	876.16M	-53.07	2.39984G	-20.73	2.4G	-23.14	2.53502G	-51.26	21.94022G	-47.38	3
2422MHz	Pass	2.44075G	10.17	-19.83	902.49M	-52.61	2.4G	-22.60	2.4G	-22.00	2.55166G	-50.80	17.15564G	-46.56	4
2437MHz	Pass	2.44075G	10.17	-19.83	908.22M	-52.72	2.39968G	-27.58	2.4G	-27.22	2.53582G	-50.62	6.71425G	-46.86	1
2437MHz	Pass	2.44075G	10.17	-19.83	512.05M	-52.88	2.39952G	-24.78	2.4G	-27.01	2.55214G	-51.46	17.67448G	-46.35	2
2437MHz	Pass	2.44075G	10.17	-19.83	1.94788G	-53.14	2.39904G	-26.50	2.4G	-26.03	2.53806G	-51.40	17.68851G	-47.32	3
2437MHz	Pass	2.44075G	10.17	-19.83	30M	-53.33	2.39952G	-25.96	2.4G	-27.21	2.5611G	-50.96	6.71706G	-46.59	4
2452MHz	Pass	2.44075G	10.17	-19.83	2.30626G	-52.62	2.39968G	-34.43	2.4G	-37.43	2.51214G	-51.57	16.68728G	-47.03	1
2452MHz	Pass	2.44075G	10.17	-19.83	854.4M	-52.73	2.39952G	-30.69	2.4G	-35.77	2.5387G	-51.02	6.99471G	-47.46	2
2452MHz	Pass	2.44075G	10.17	-19.83	2.16772G	-52.98	2.39952G	-34.41	2.4G	-36.89	2.52558G	-50.70	15.20086G	-47.10	3
2452MHz	Pass	2.44075G	10.17	-19.83	848.68M	-52.61	2.39952G	-29.52	2.4G	-36.17	2.55806G	-51.60	17.68851G	-46.81	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSENdB

2412MHz

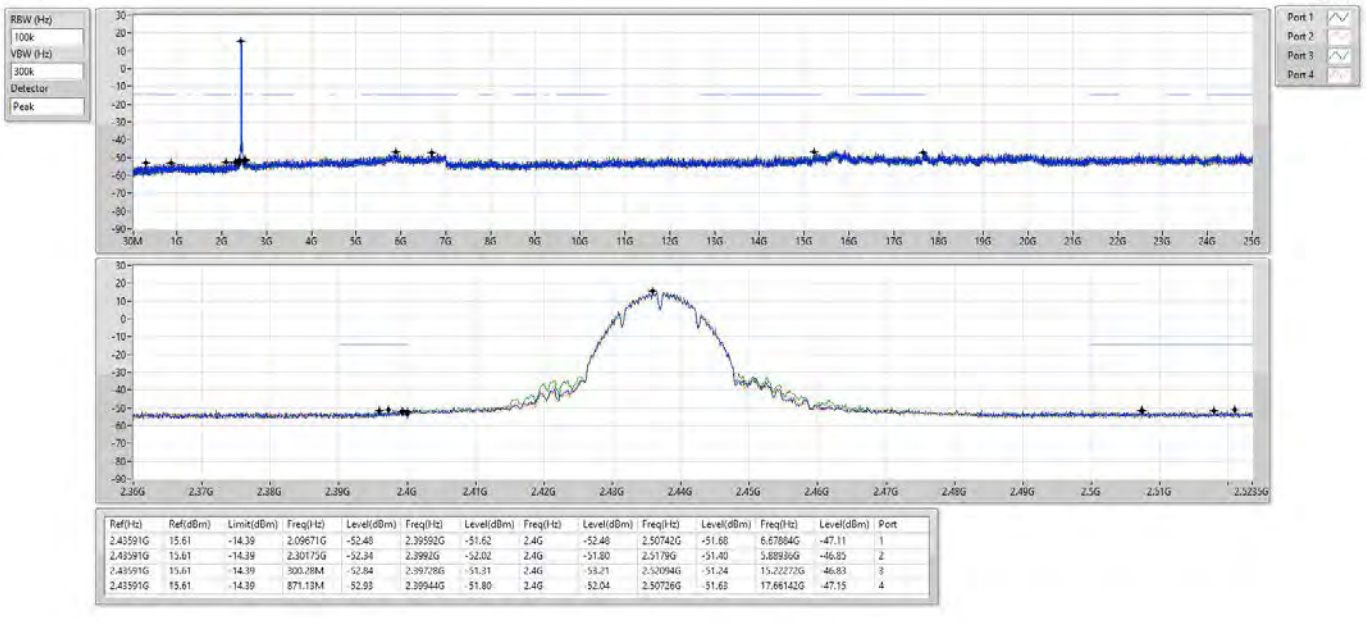


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43591G	15.61	-14.39	2.0804G	-52.94	2.4G	-45.11	2.4G	-44.27	2.52062G	-51.53	6.48496G	-47.21	1
2.43591G	15.61	-14.39	2.10603G	-53.07	2.4G	-44.25	2.4G	-45.33	2.51766G	-51.06	6.96261G	-47.27	2
2.43591G	15.61	-14.39	1.99225G	-52.80	2.4G	-44.88	2.4G	-44.52	2.51374G	-51.75	17.68952G	-46.72	3
2.43591G	15.61	-14.39	924.72M	-52.56	2.4G	-44.82	2.4G	-45.06	2.50204G	-51.82	17.69233G	-47.68	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSENdB

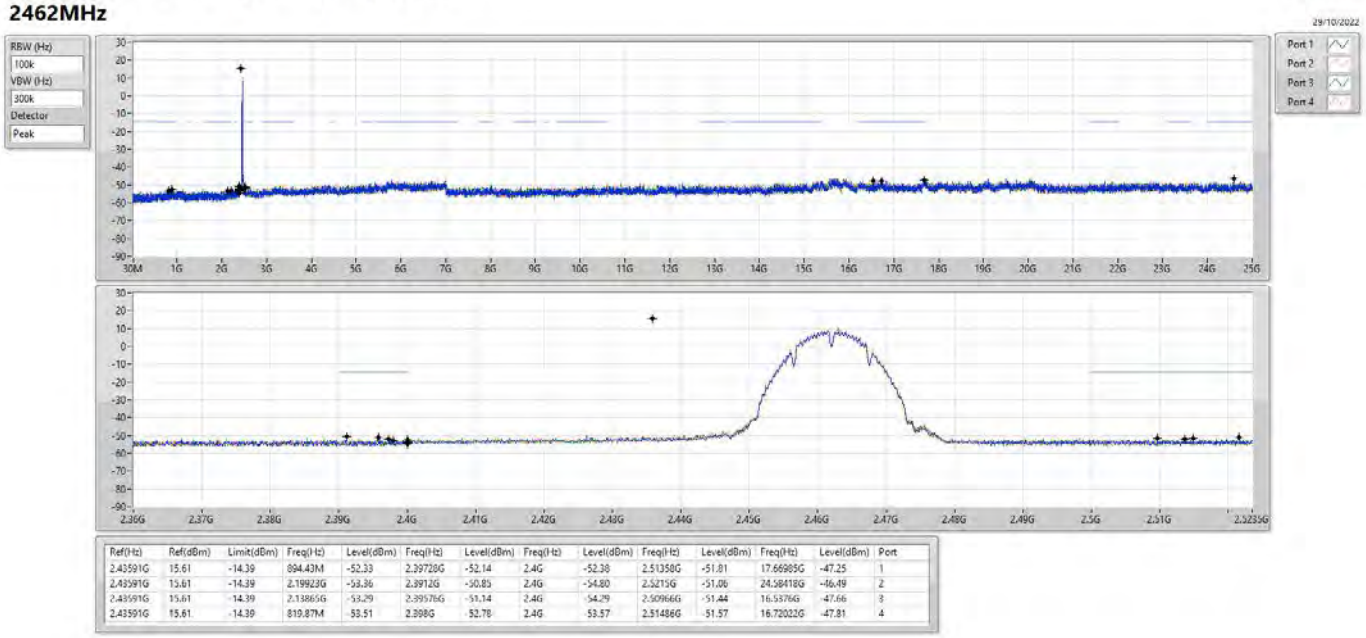
2437MHz



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
2.43591G	15.61	-14.39	2.09671G	-52.48	2.39592G	-51.62	2.4G	-52.48	2.50742G	-51.68	6.67884G	-47.11	1
2.43591G	15.61	-14.39	2.30175G	-52.34	2.3992G	-52.02	2.4G	-51.80	2.5179G	-51.40	5.88936G	-46.85	2
2.43591G	15.61	-14.39	300.28M	-52.84	2.39728G	-51.31	2.4G	-53.21	2.52094G	-51.24	15.22272G	-46.83	3
2.43591G	15.61	-14.39	871.13M	-52.93	2.39944G	-51.80	2.4G	-52.04	2.50726G	-51.63	17.66142G	-47.15	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX CSENdB

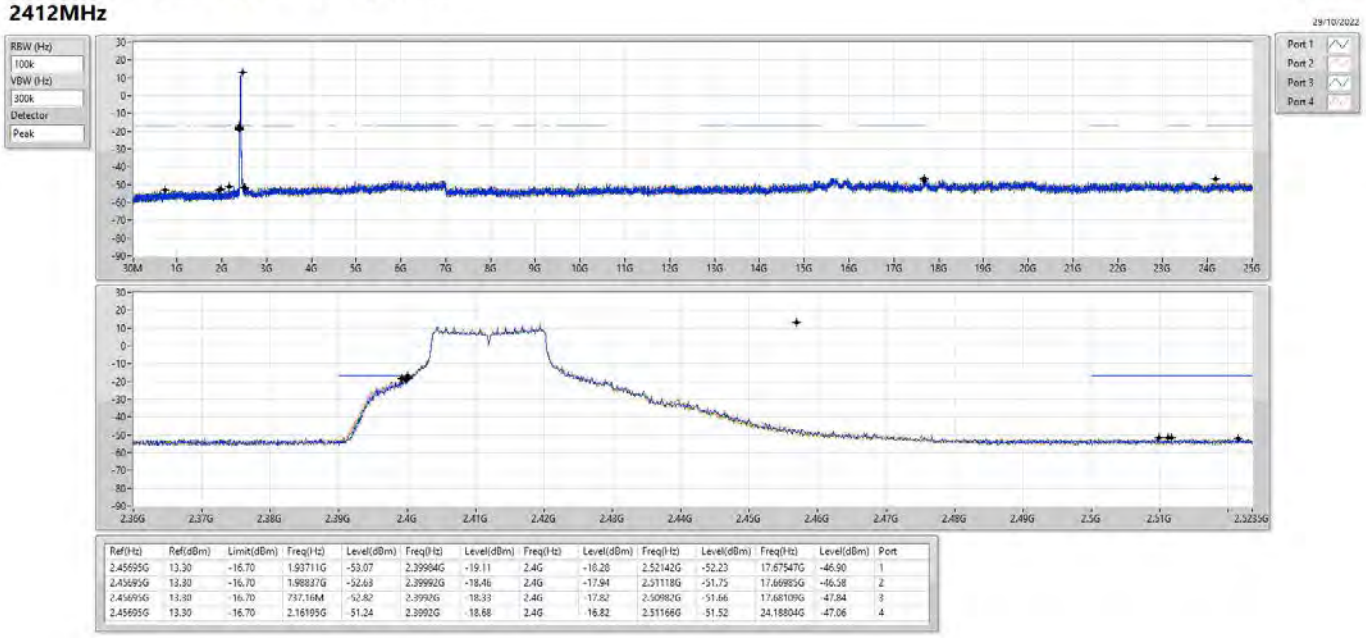
2462MHz



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
2.43591G	15.61	-14.39	894.43M	-52.33	2.39728G	-52.14	2.4G	-52.38	2.51358G	-51.81	17.66985G	-47.25	1
2.43591G	15.61	-14.39	2.19923G	-53.36	2.3912G	-50.85	2.4G	-54.80	2.5215G	-51.06	24.58418G	-46.49	2
2.43591G	15.61	-14.39	2.13865G	-53.29	2.39576G	-51.14	2.4G	-54.29	2.50966G	-51.44	16.5376G	-47.66	3
2.43591G	15.61	-14.39	819.87M	-53.51	2.398G	-52.78	2.4G	-53.57	2.51486G	-51.57	16.72022G	-47.81	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX CSENdB

2412MHz

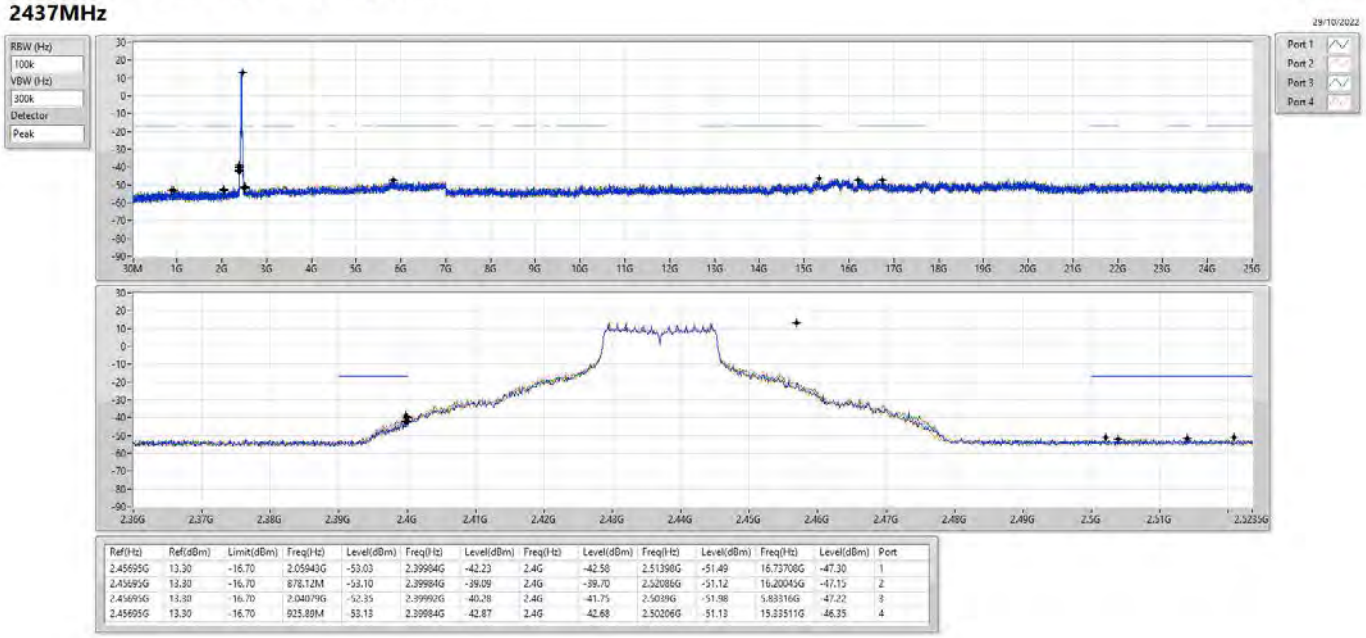


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45695G	13.30	-16.70	1.93711G	-53.07	2.39984G	-19.11	2.4G	-16.28	2.52142G	-52.23	17.67547G	-46.90	1
2.45695G	13.30	-16.70	1.98837G	-52.68	2.39992G	-18.46	2.4G	-17.94	2.51118G	-51.75	17.66985G	-46.58	2
2.45695G	13.30	-16.70	737.16M	-52.82	2.3992G	-18.33	2.4G	-17.82	2.50982G	-51.66	17.68109G	-47.84	3
2.45695G	13.30	-16.70	2.16195G	-51.24	2.3992G	-18.68	2.4G	-16.82	2.51166G	-51.52	24.18804G	-47.06	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSENdB

2437MHz

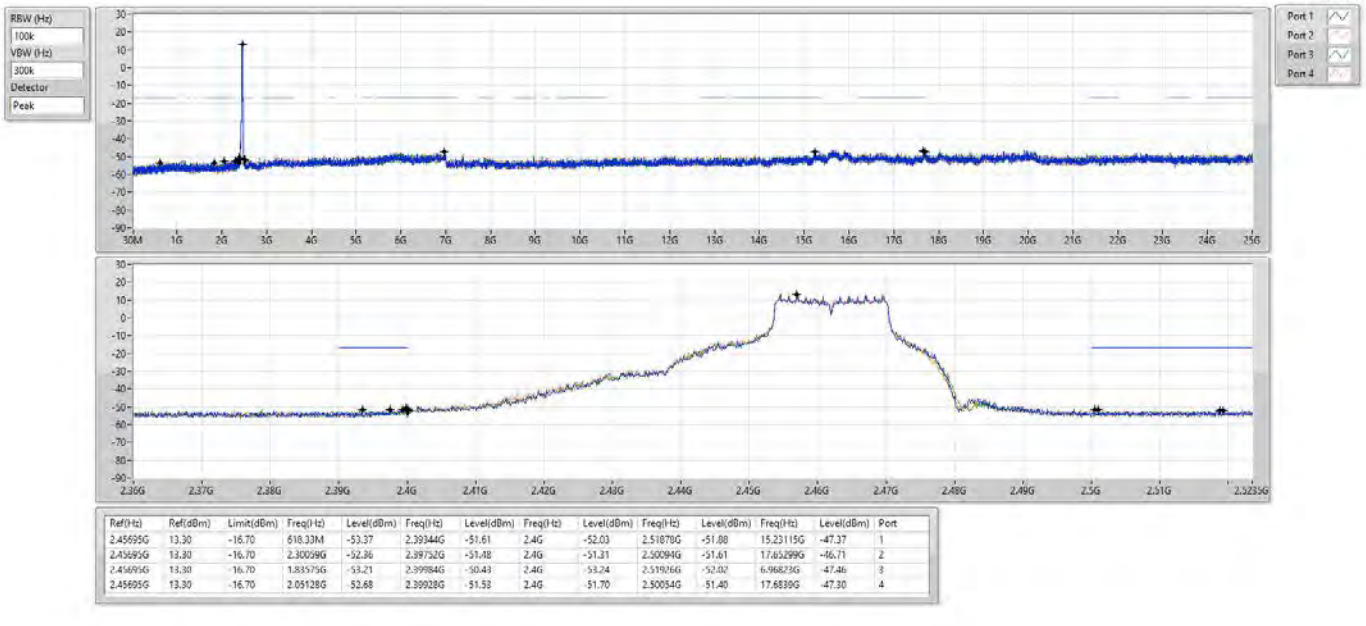


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45695G	13.30	-16.70	2.05943G	-53.03	2.39984G	-42.23	2.4G	-42.58	2.51398G	-51.49	16.73708G	-47.30	1
2.45695G	13.30	-16.70	878.12M	-53.10	2.39984G	-39.09	2.4G	-39.70	2.52086G	-51.12	16.20045G	-47.15	2
2.45695G	13.30	-16.70	2.04079G	-52.35	2.39992G	-40.28	2.4G	-41.75	2.5039G	-51.98	5.83316G	-47.22	3
2.45695G	13.30	-16.70	925.88M	-53.13	2.39984G	-42.87	2.4G	-42.68	2.50206G	-51.13	15.33511G	-46.35	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSENdB

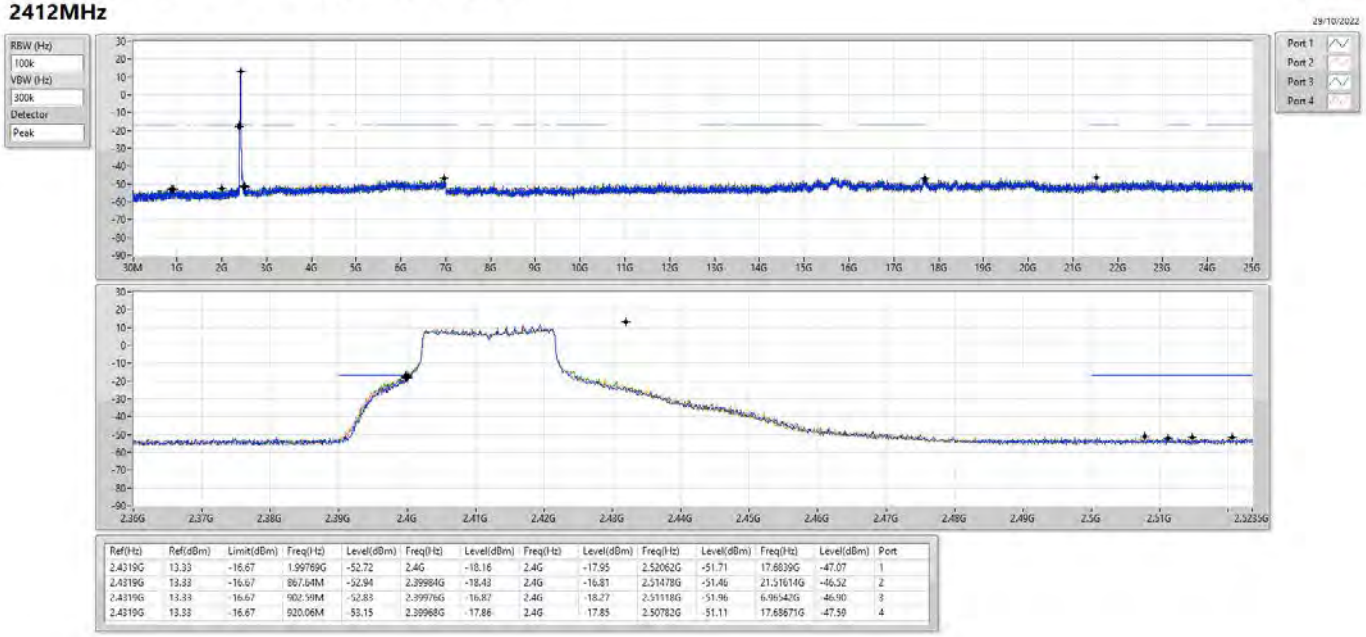
2462MHz



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
2.45695G	13.30	-16.70	618.33M	-53.37	2.39344G	-51.61	2.4G	-52.03	2.51878G	-51.88	15.23115G	-47.37	1
2.45695G	13.30	-16.70	2.30059G	-52.36	2.39752G	-51.48	2.4G	-51.31	2.50094G	-51.61	17.65299G	-46.71	2
2.45695G	13.30	-16.70	1.83575G	-53.21	2.39984G	-50.43	2.4G	-53.24	2.51926G	-52.02	6.96823G	-47.46	3
2.45695G	13.30	-16.70	2.05128G	-52.68	2.39928G	-51.53	2.4G	-51.70	2.50054G	-51.40	17.6839G	-47.30	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX CSENdB

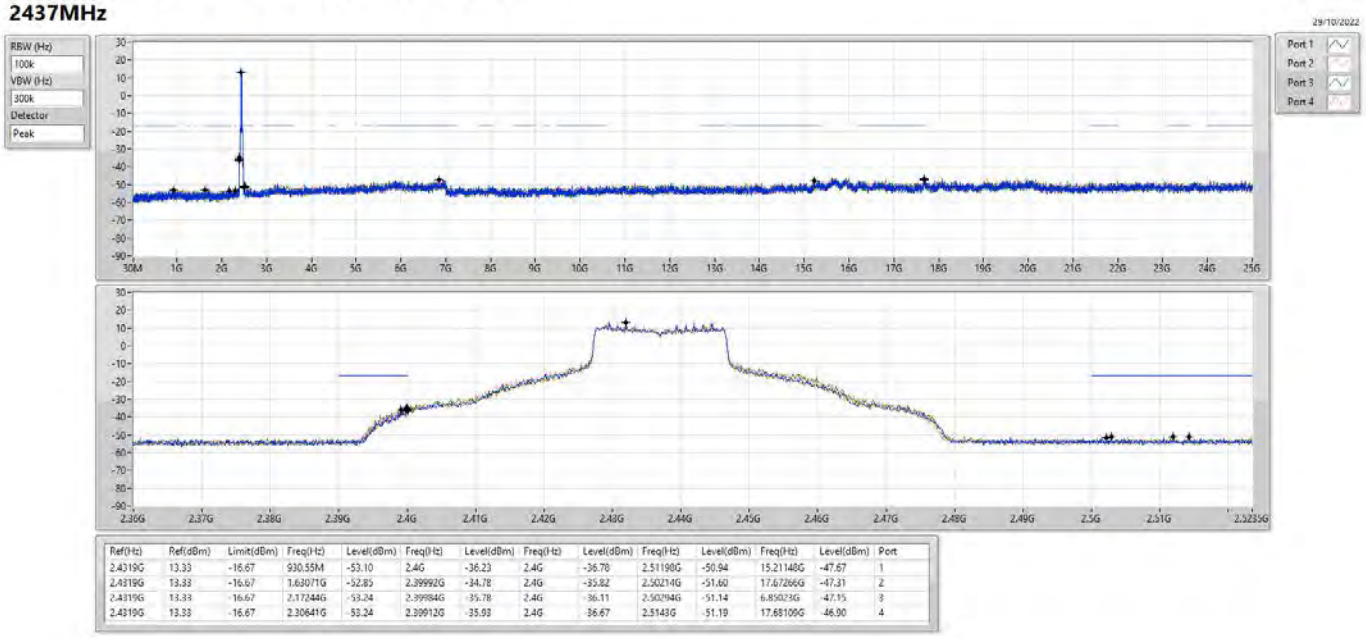
2412MHz



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
2.4319G	13.33	-16.67	1.99769G	-52.72	2.4G	-18.16	2.4G	-17.95	2.52062G	-51.71	17.6839G	-47.07	1
2.4319G	13.33	-16.67	867.64M	-52.94	2.39984G	-18.43	2.4G	-16.81	2.51478G	-51.46	21.51614G	-46.52	2
2.4319G	13.33	-16.67	902.59M	-52.83	2.39976G	-16.87	2.4G	-18.27	2.51118G	-51.96	6.96542G	-46.90	3
2.4319G	13.33	-16.67	920.06M	-53.15	2.39968G	-17.86	2.4G	-17.85	2.50782G	-51.11	17.68671G	-47.50	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX CSENdB

2437MHz

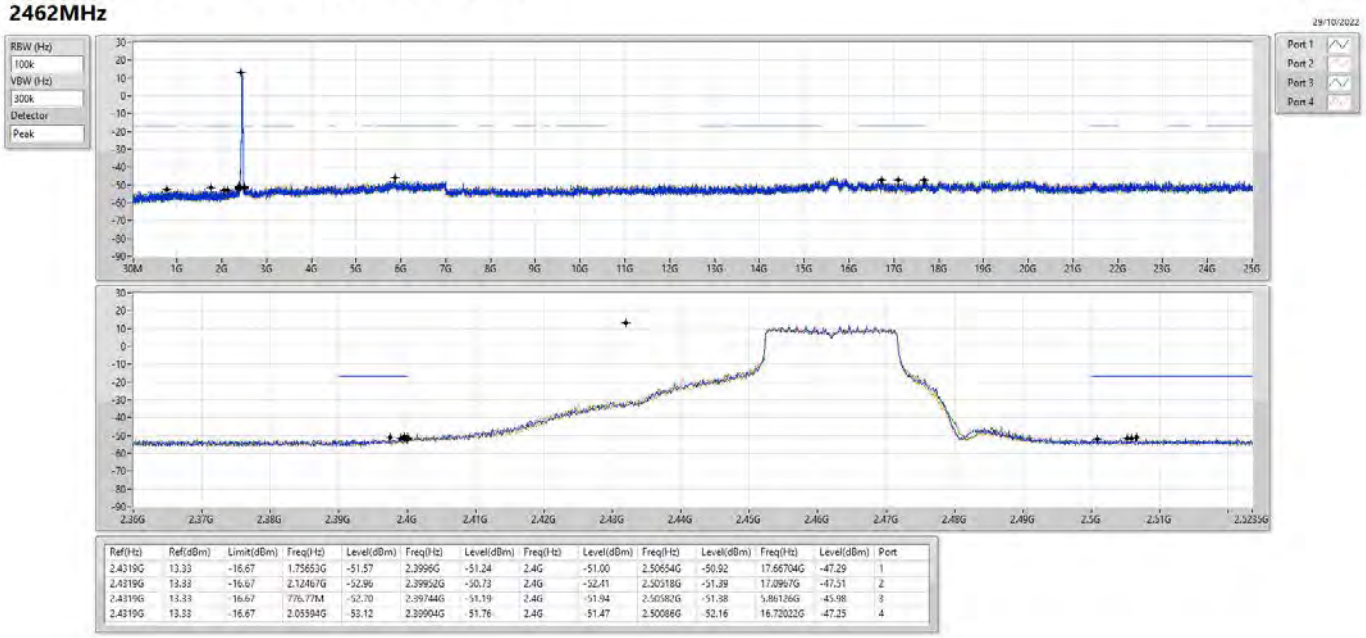


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	13.33	-16.67	930.55M	-53.10	2.4G	-36.23	2.4G	-36.78	2.51198G	-50.94	15.21148G	-47.67	1
2.4319G	13.33	-16.67	1.63071G	-52.85	2.39992G	-34.78	2.4G	-35.82	2.50214G	-51.60	17.67266G	-47.31	2
2.4319G	13.33	-16.67	2.17244G	-53.24	2.39984G	-35.78	2.4G	-36.11	2.50294G	-51.14	6.85023G	-47.15	3
2.4319G	13.33	-16.67	2.30641G	-53.24	2.39912G	-35.93	2.4G	-36.67	2.5143G	-51.19	17.68109G	-46.90	4

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

CSENdB

2462MHz

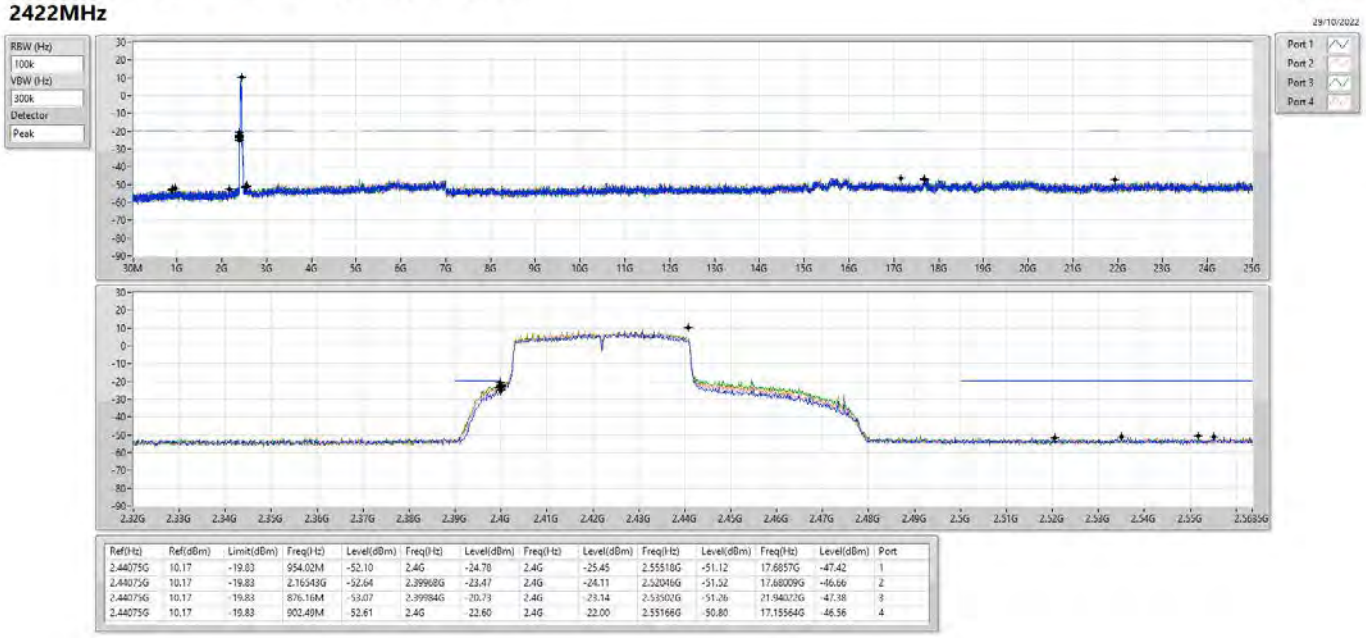


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	13.33	-16.67	1.75653G	-51.57	2.3996G	-51.24	2.4G	-51.00	2.50654G	-50.92	17.66704G	-47.29	1
2.4319G	13.33	-16.67	2.12467G	-52.96	2.39952G	-50.73	2.4G	-52.41	2.50518G	-51.39	17.09677G	-47.51	2
2.4319G	13.33	-16.67	776.77M	-52.70	2.39744G	-51.19	2.4G	-51.94	2.50582G	-51.38	5.86126G	-45.98	3
2.4319G	13.33	-16.67	2.05394G	-53.12	2.39904G	-51.76	2.4G	-51.47	2.50086G	-52.16	16.72022G	-47.25	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2422MHz

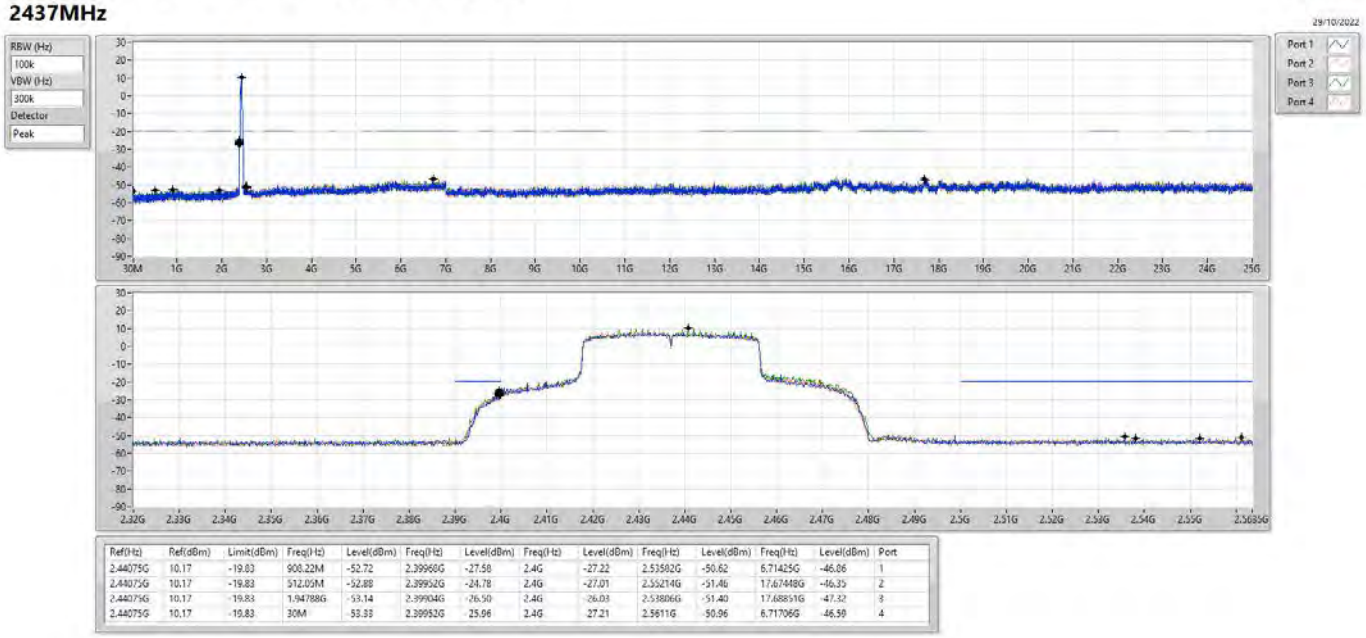


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	10.17	-19.83	954.02M	-52.10	2.4G	-24.78	2.4G	-25.45	2.55518G	-51.12	17.6857G	-47.42	1
2.44075G	10.17	-19.83	2.16543G	-52.64	2.39968G	-23.47	2.4G	-24.11	2.52046G	-51.52	17.68009G	-46.66	2
2.44075G	10.17	-19.83	876.16M	-53.07	2.39984G	-20.73	2.4G	-23.14	2.53502G	-51.26	21.94022G	-47.38	3
2.44075G	10.17	-19.83	902.49M	-52.61	2.4G	-22.60	2.4G	-22.00	2.55166G	-50.80	17.15564G	-46.56	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2437MHz

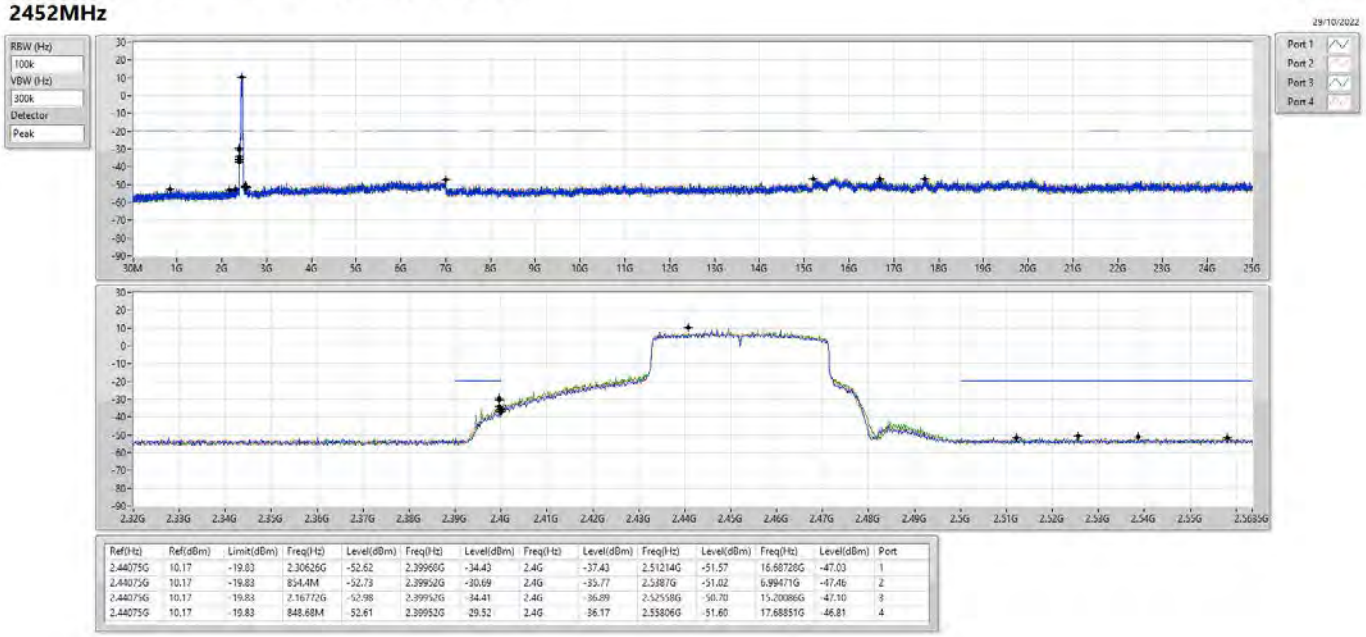


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	10.17	-19.83	900.22M	-52.72	2.39968G	-27.58	2.4G	-27.22	2.53502G	-50.62	6.71425G	-46.06	1
2.44075G	10.17	-19.83	512.09M	-52.88	2.39952G	-24.78	2.4G	-27.01	2.55214G	-51.46	17.67448G	-46.35	2
2.44075G	10.17	-19.83	1.94788G	-53.14	2.39904G	-26.50	2.4G	-26.03	2.53806G	-51.40	17.68851G	-47.32	3
2.44075G	10.17	-19.83	30M	-53.38	2.39952G	-25.96	2.4G	-27.21	2.5611G	-50.96	6.71706G	-46.50	4

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2452MHz

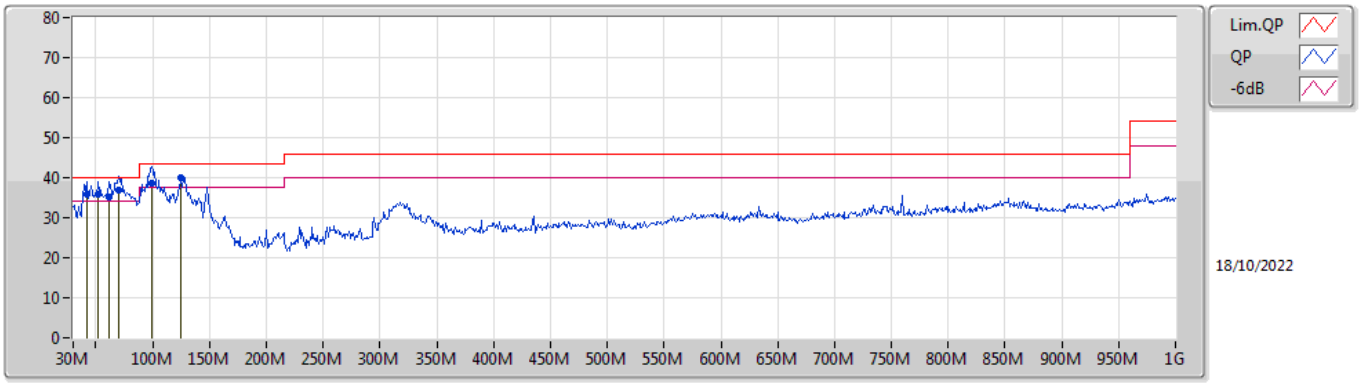


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	10.17	-19.83	2.30626G	-52.62	2.39968G	-34.43	2.4G	-37.43	2.51214G	-51.57	16.68728G	-47.03	1
2.44075G	10.17	-19.83	854.4M	-52.73	2.39952G	-30.69	2.4G	-35.77	2.5387G	-51.02	6.99471G	-47.46	2
2.44075G	10.17	-19.83	2.16772G	-52.98	2.39952G	-34.41	2.4G	-36.89	2.52558G	-50.70	15.20086G	-47.10	3
2.44075G	10.17	-19.83	848.68M	-52.61	2.39952G	-29.52	2.4G	-36.17	2.55806G	-51.60	17.68851G	-46.81	4

Summary

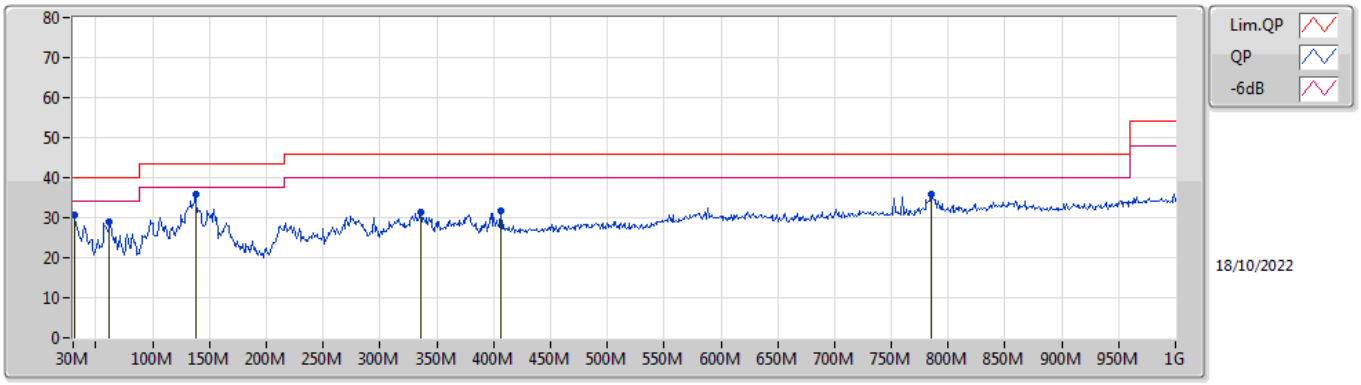
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	69.77M	36.86	40.00	-3.14	Vertical

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)
QP	41.64M	35.83	40.00	-4.17	-13.04	3	Vertical	265	1.00	-	48.87	18.24	1.19	32.47
QP	52.31M	36.00	40.00	-4.00	-17.68	3	Vertical	278	1.25	-	53.68	13.46	1.35	32.49
QP	62.01M	35.06	40.00	-4.94	-18.55	3	Vertical	141	1.50	-	53.61	12.40	1.50	32.45
QP	69.77M	36.86	40.00	-3.14	-18.52	3	Vertical	82	1.00	"Worst"	55.38	12.36	1.55	32.43
QP	98.87M	38.63	43.50	-4.87	-14.01	3	Vertical	313	1.25	-	52.64	16.45	1.88	32.34
PK	125.06M	40.03	43.50	-3.47	-12.26	3	Vertical	238	1.00	-	52.29	18.05	2.10	32.41

Mode 1



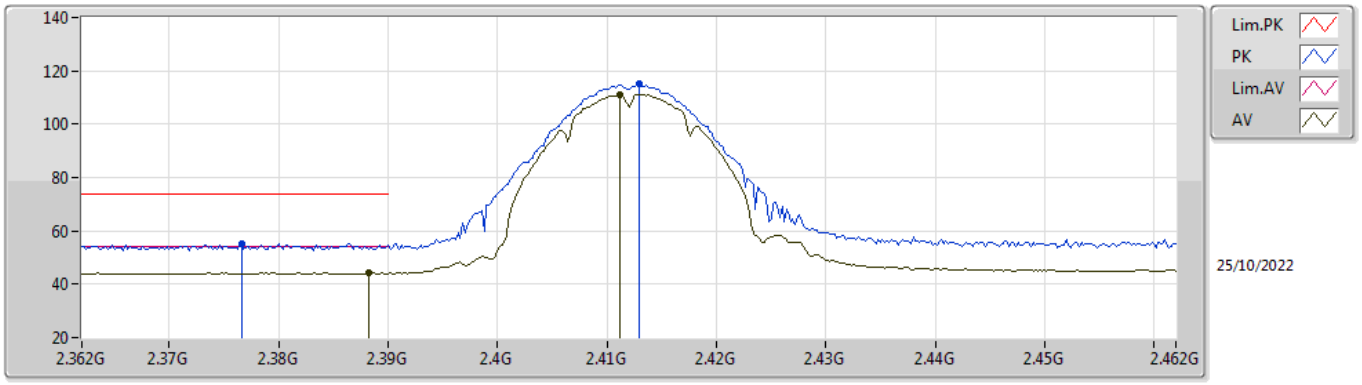
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	30.83	40.00	-9.17	-7.38	3	Horizontal	110	3.00	-	38.21	24.02	1.03	32.43
PK	62.01M	28.92	40.00	-11.08	-18.55	3	Horizontal	70	3.00	-	47.47	12.40	1.50	32.45
PK	137.67M	35.82	43.50	-7.68	-12.93	3	Horizontal	101	1.50	"Worst"	48.75	17.30	2.21	32.44
PK	336.52M	31.52	46.00	-14.48	-8.98	3	Horizontal	291	1.25	-	40.50	19.67	3.57	32.22
PK	406.36M	31.88	46.00	-14.12	-6.55	3	Horizontal	229	1.25	-	38.43	21.83	3.94	32.32
PK	784.66M	35.89	46.00	-10.11	-0.54	3	Horizontal	78	1.25	-	36.43	25.94	5.55	32.03

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	4.824G	53.99	54.00	-0.01	3	Vertical	83	1.98	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

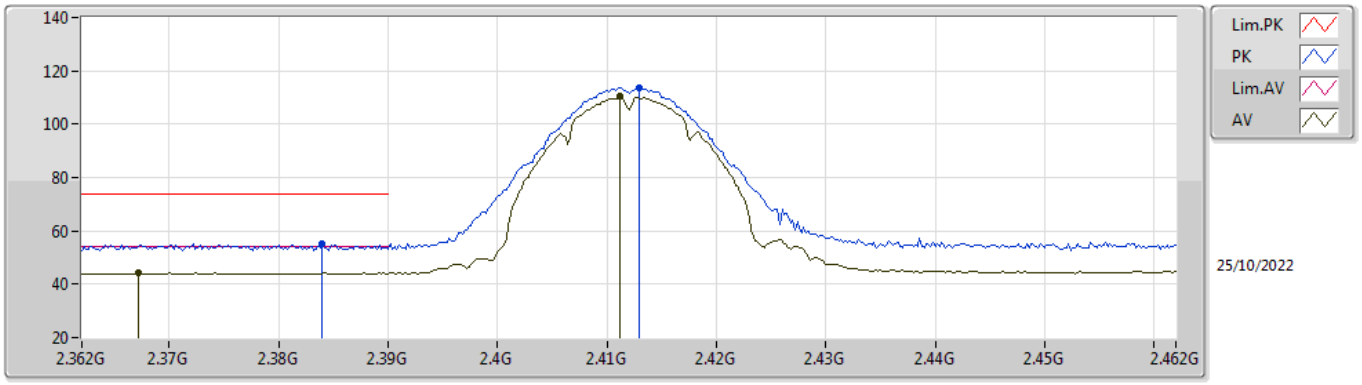


EUT Y_4TX
Setting 17
02-F-B-5

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	2.3766G	55.41	74.00	-18.59	23.87	3	Vertical	281	1.45	-	28.35	3.19	-
AV	2.3882G	44.30	54.00	-9.70	12.73	3	Vertical	281	1.45	-	28.38	3.19	-
PK	2.413G	115.02	Inf	-Inf	83.41	3	Vertical	281	1.45	-	28.40	3.21	-
AV	2.4112G	111.23	Inf	-Inf	79.62	3	Vertical	281	1.45	-	28.40	3.21	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

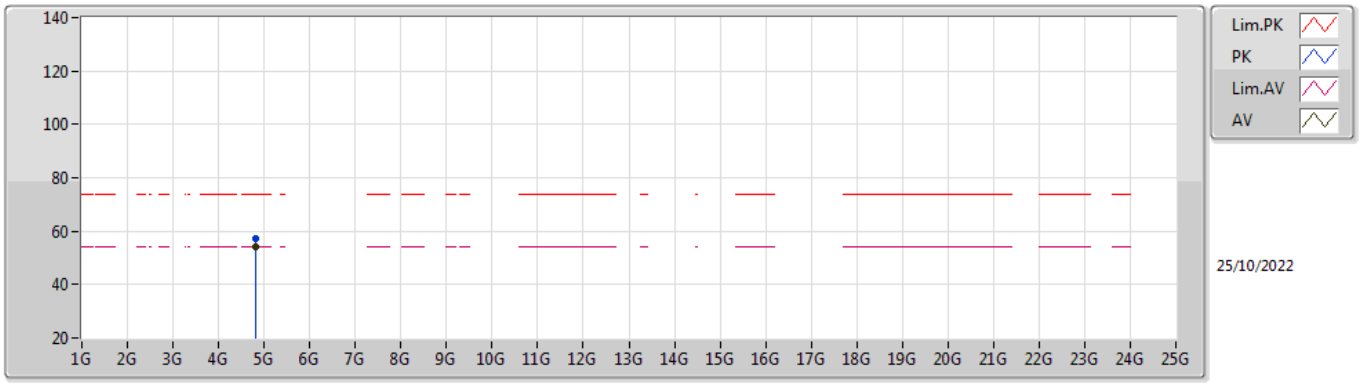


EUT Y_4TX
Setting 17
02-F-B-5

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	2.384G	55.13	74.00	-18.87	23.57	3	Horizontal	304	1.40	-	28.37	3.19	-
AV	2.3672G	44.20	54.00	-9.80	12.69	3	Horizontal	304	1.40	-	28.33	3.18	-
PK	2.413G	113.81	Inf	-Inf	82.20	3	Horizontal	304	1.40	-	28.40	3.21	-
AV	2.4112G	110.29	Inf	-Inf	78.68	3	Horizontal	304	1.40	-	28.40	3.21	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

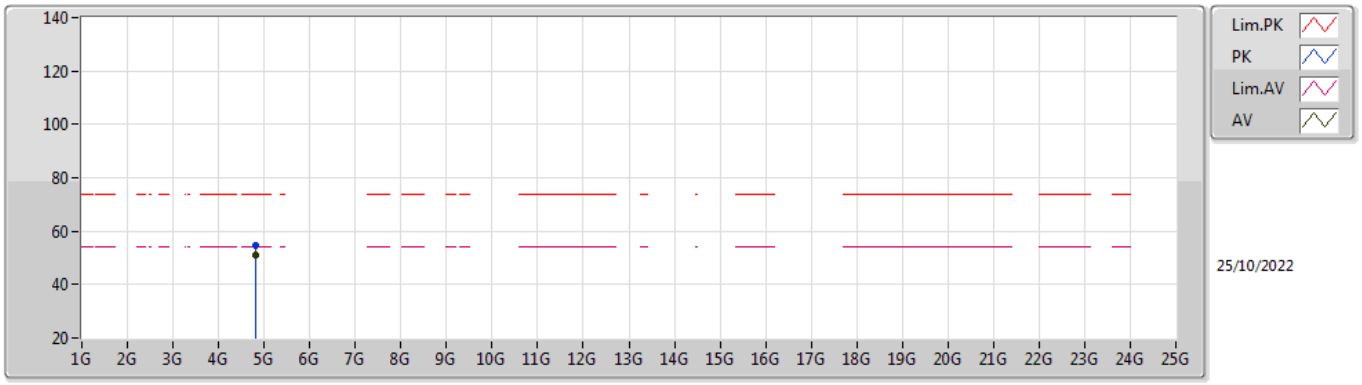


EUT Y_4TX
Setting 17
02-F-B-5

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	4.824G	57.02	74.00	-16.98	49.27	3	Vertical	83	1.98	-	32.94	5.61	30.80
AV	4.824G	53.99	54.00	-0.01	46.24	3	Vertical	83	1.98	-	32.94	5.61	30.80

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

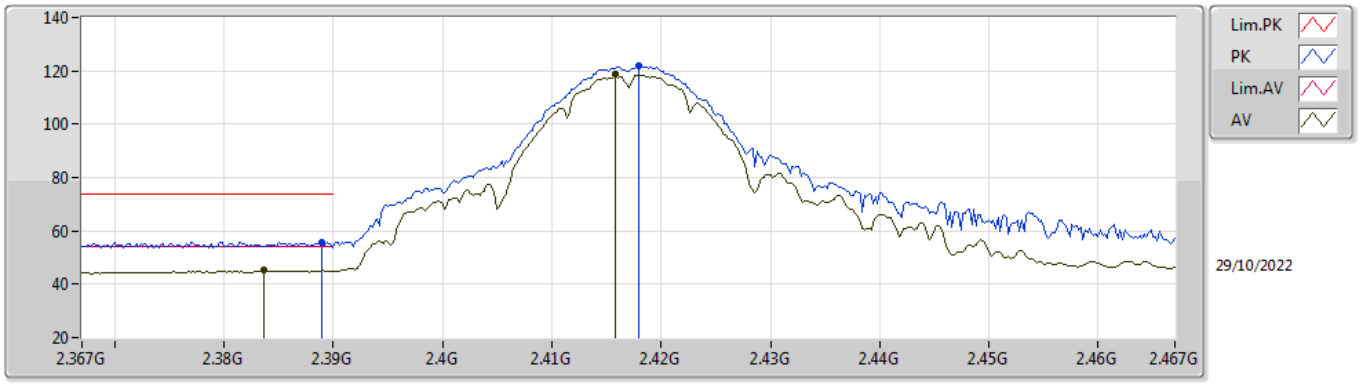


EUT Y_4TX
Setting 17
02-F-B-5

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	4.82406G	54.50	74.00	-19.50	46.75	3	Horizontal	60	1.61	-	32.94	5.61	30.80
AV	4.824G	50.98	54.00	-3.02	43.23	3	Horizontal	60	1.61	-	32.94	5.61	30.80

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

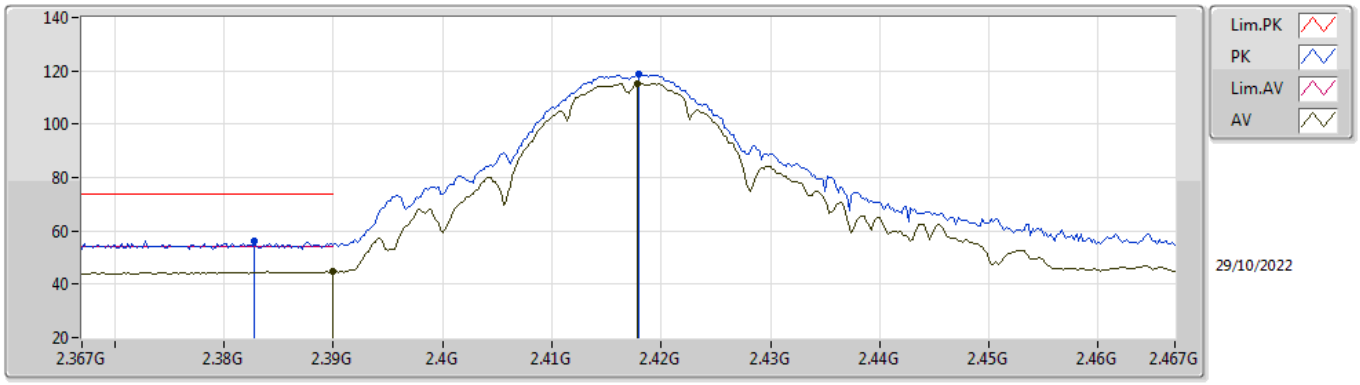


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.389G	55.92	74.00	-18.08	24.35	3	Vertical	282	1.47	-	28.38	3.19	-
AV	2.3836G	45.21	54.00	-8.79	13.65	3	Vertical	282	1.47	-	28.37	3.19	-
PK	2.418G	121.95	Inf	-Inf	90.34	3	Vertical	282	1.47	-	28.40	3.21	-
AV	2.4158G	118.63	Inf	-Inf	87.02	3	Vertical	282	1.47	-	28.40	3.21	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

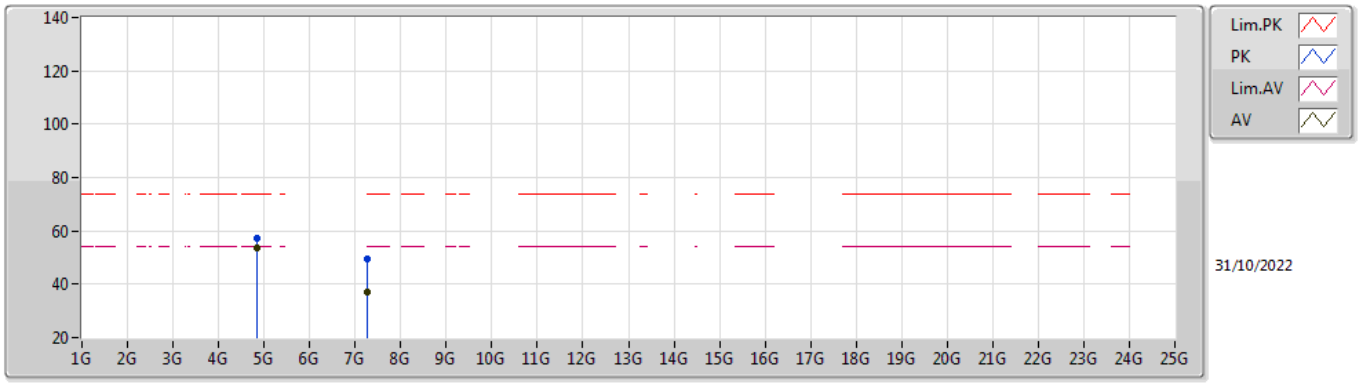


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3828G	56.42	74.00	-17.58	24.86	3	Horizontal	315	1.58	-	28.37	3.19	-
AV	2.39G	44.72	54.00	-9.28	13.14	3	Horizontal	315	1.58	-	28.38	3.20	-
PK	2.418G	118.80	Inf	-Inf	87.19	3	Horizontal	315	1.58	-	28.40	3.21	-
AV	2.4178G	115.38	Inf	-Inf	83.77	3	Horizontal	315	1.58	-	28.40	3.21	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

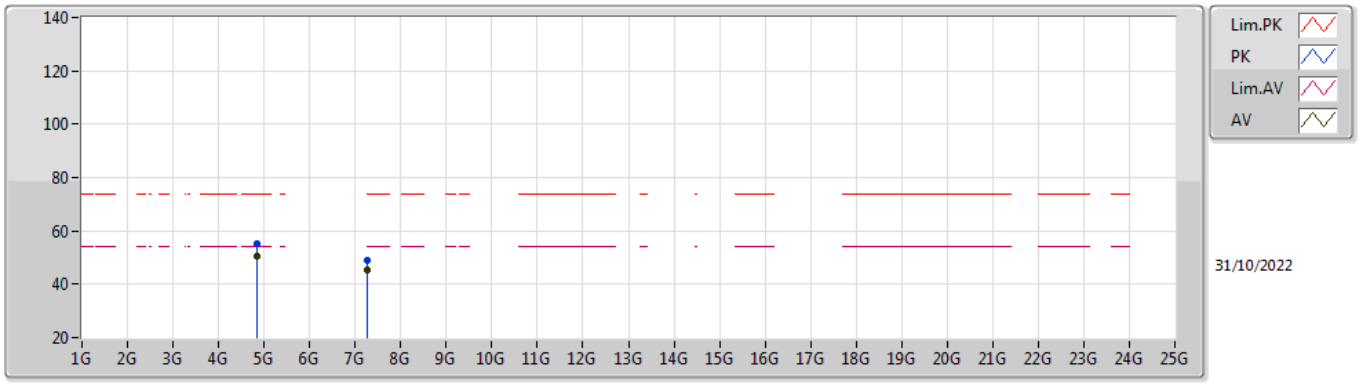


EUT Y_4TX
Setting 17
02-F-B-5

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	4.83394G	57.20	74.00	-16.80	49.38	3	Vertical	83	2.06	-	33.00	5.62	30.80
AV	4.834G	53.87	54.00	-0.13	46.05	3	Vertical	83	2.06	-	33.00	5.62	30.80
PK	7.25588G	49.51	74.00	-24.49	38.31	3	Vertical	62	1.38	-	36.22	6.87	31.89
AV	7.2537G	37.23	54.00	-16.77	26.04	3	Vertical	62	1.38	-	36.21	6.87	31.89

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

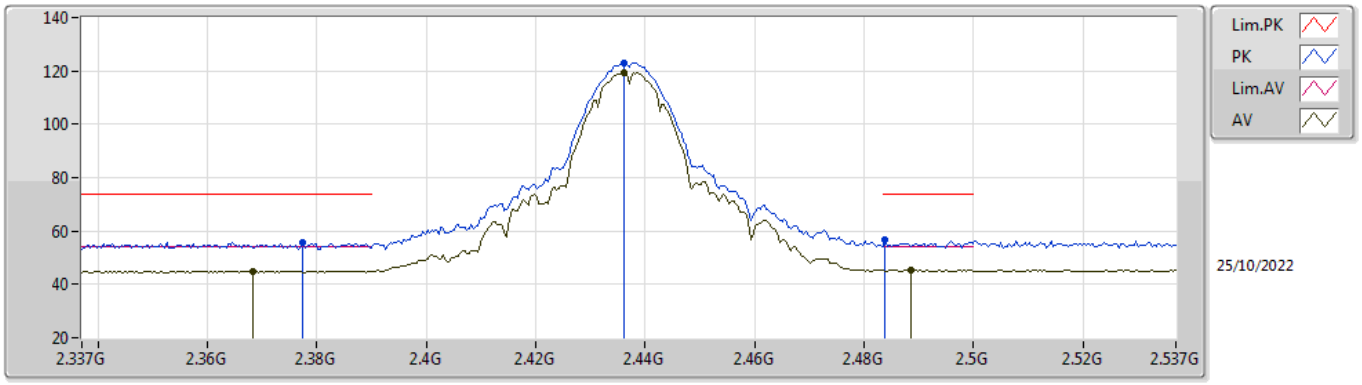


EUT Y_4TX
Setting 17
02-F-B-5

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	4.83394G	54.92	74.00	-19.08	47.10	3	Horizontal	63	1.58	-	33.00	5.62	30.80
AV	4.834G	50.74	54.00	-3.26	42.92	3	Horizontal	63	1.58	-	33.00	5.62	30.80
PK	7.25196G	49.18	74.00	-24.82	37.99	3	Horizontal	236	2.62	-	36.21	6.87	31.89
AV	7.2522G	45.22	54.00	-8.78	34.03	3	Horizontal	236	2.62	-	36.21	6.87	31.89

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

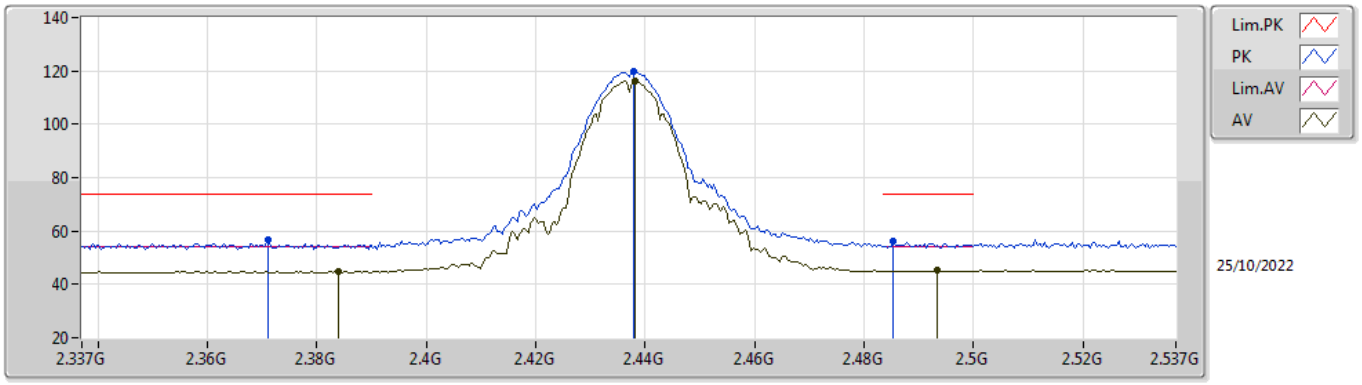


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3774G	55.66	74.00	-18.34	24.12	3	Vertical	278	1.69	-	28.35	3.19	-
AV	2.3682G	45.07	54.00	-8.93	13.55	3	Vertical	278	1.69	-	28.34	3.18	-
PK	2.4362G	123.14	Inf	-Inf	91.52	3	Vertical	278	1.69	-	28.40	3.22	-
AV	2.4362G	119.55	Inf	-Inf	87.93	3	Vertical	278	1.69	-	28.40	3.22	-
PK	2.4838G	56.90	74.00	-17.10	25.12	3	Vertical	278	1.69	-	28.54	3.24	-
AV	2.4886G	45.35	54.00	-8.65	13.56	3	Vertical	278	1.69	-	28.55	3.24	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

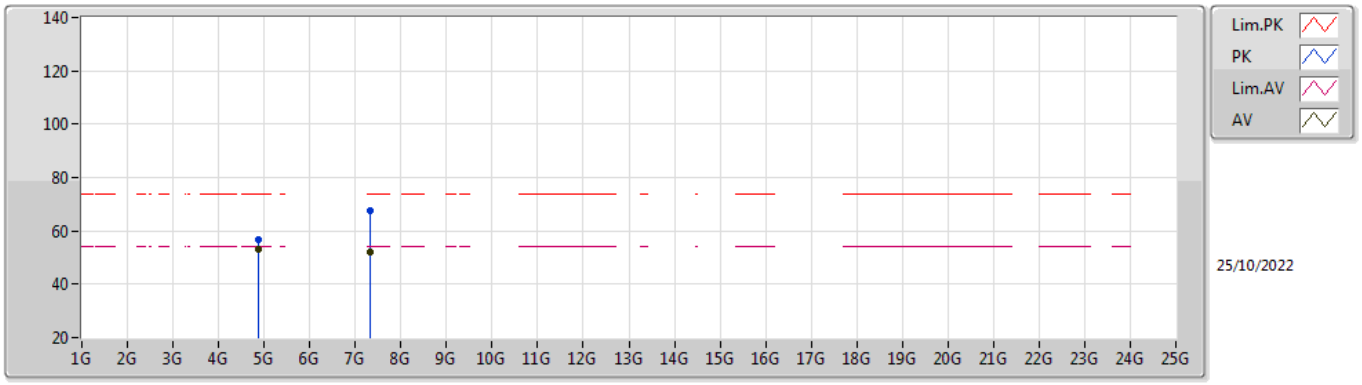


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.371G	56.63	74.00	-17.37	25.10	3	Horizontal	35	1.78	-	28.34	3.19	-
AV	2.3838G	44.92	54.00	-9.08	13.36	3	Horizontal	35	1.78	-	28.37	3.19	-
PK	2.4378G	119.79	Inf	-Inf	88.17	3	Horizontal	35	1.78	-	28.40	3.22	-
AV	2.4382G	116.04	Inf	-Inf	84.42	3	Horizontal	35	1.78	-	28.40	3.22	-
PK	2.4854G	56.41	74.00	-17.59	24.63	3	Horizontal	35	1.78	-	28.54	3.24	-
AV	2.4934G	45.15	54.00	-8.85	13.33	3	Horizontal	35	1.78	-	28.57	3.25	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

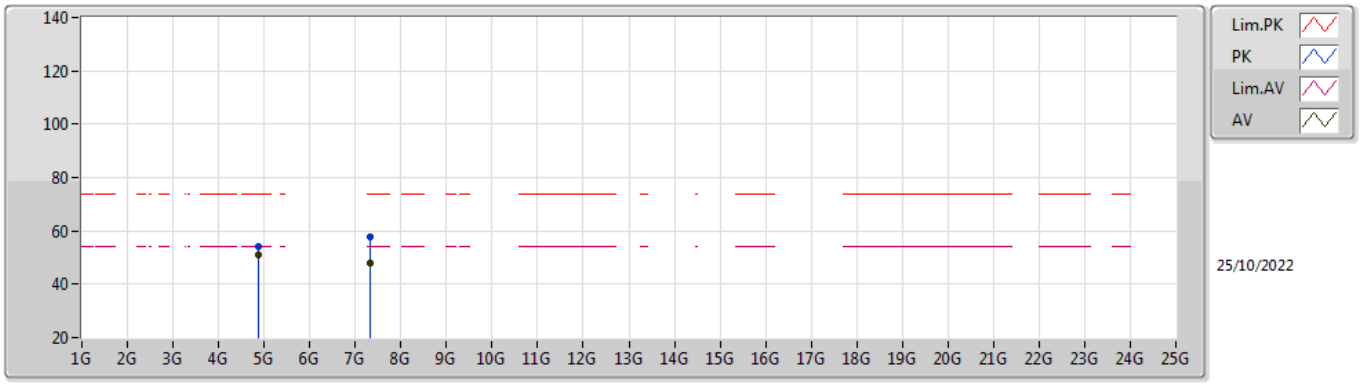


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.87396G	56.73	74.00	-17.27	48.72	3	Vertical	256	2.55	-	33.15	5.64	30.78
AV	4.874G	53.21	54.00	-0.79	45.20	3	Vertical	256	2.55	-	33.15	5.64	30.78
PK	7.31352G	67.79	74.00	-6.21	56.44	3	Vertical	282	1.80	-	36.43	6.84	31.92
AV	7.3116G	52.15	54.00	-1.85	40.81	3	Vertical	282	1.80	-	36.42	6.84	31.92

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

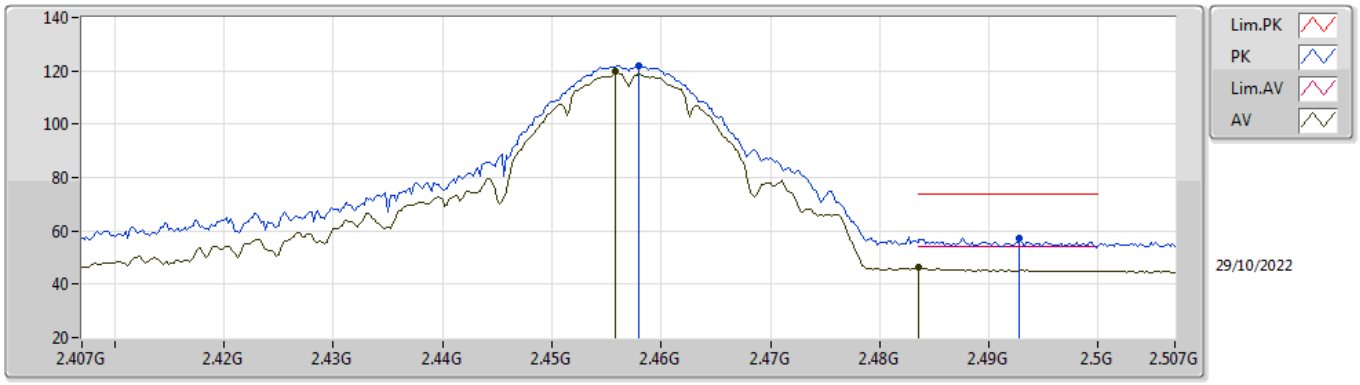


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.87392G	54.04	74.00	-19.96	46.03	3	Horizontal	222	1.77	-	33.15	5.64	30.78
AV	4.87396G	50.81	54.00	-3.19	42.80	3	Horizontal	222	1.77	-	33.15	5.64	30.78
PK	7.3104G	57.74	74.00	-16.26	46.40	3	Horizontal	44	2.00	-	36.42	6.84	31.92
AV	7.31172G	48.03	54.00	-5.97	36.69	3	Horizontal	44	2.00	-	36.42	6.84	31.92

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

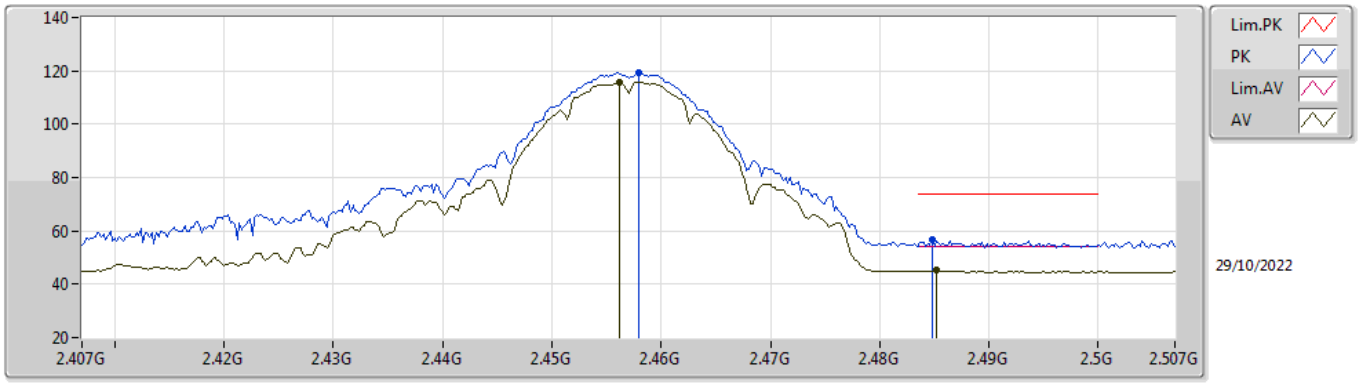


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.458G	122.12	Inf	-Inf	90.46	3	Vertical	283	1.91	-	28.43	3.23	-
AV	2.4558G	119.70	Inf	-Inf	88.05	3	Vertical	283	1.91	-	28.42	3.23	-
PK	2.4928G	57.15	74.00	-16.85	25.33	3	Vertical	283	1.91	-	28.57	3.25	-
AV	2.4835G	46.32	54.00	-7.68	14.55	3	Vertical	283	1.91	-	28.53	3.24	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

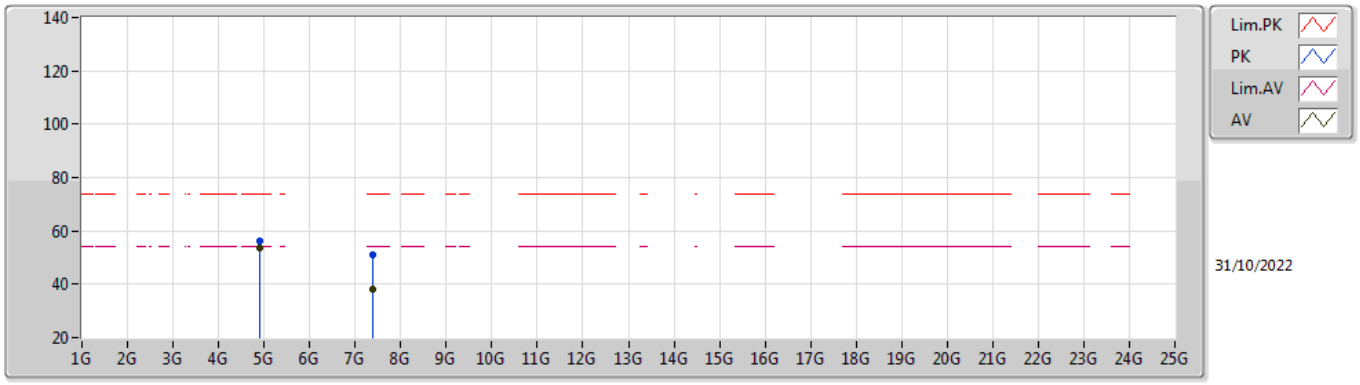


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.458G	119.13	Inf	-Inf	87.47	3	Horizontal	311	1.03	-	28.43	3.23	-
AV	2.4562G	115.89	Inf	-Inf	84.24	3	Horizontal	311	1.03	-	28.42	3.23	-
PK	2.4848G	56.89	74.00	-17.11	25.11	3	Horizontal	311	1.03	-	28.54	3.24	-
AV	2.4852G	45.14	54.00	-8.86	13.36	3	Horizontal	311	1.03	-	28.54	3.24	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

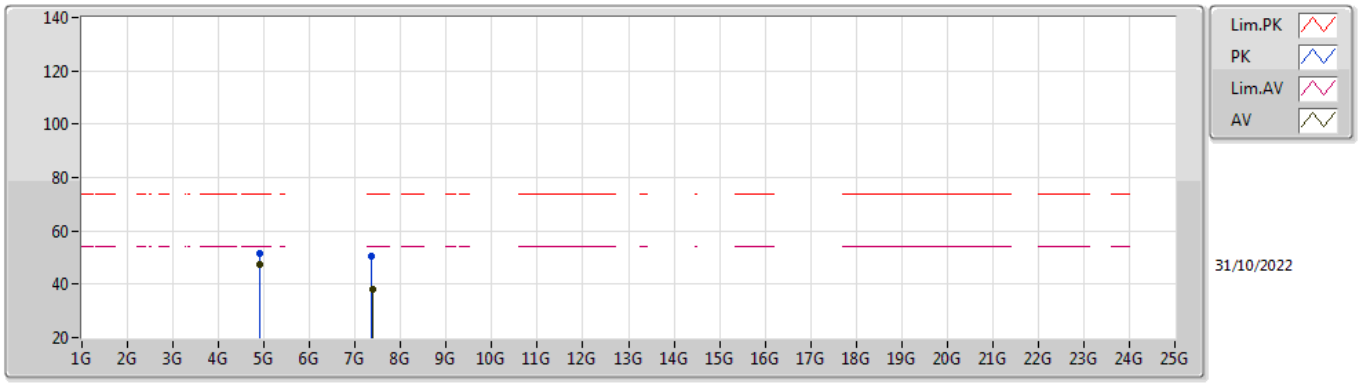


EUT Y_4TX
Setting 17.5
02-F-B-5

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	4.91394G	56.34	74.00	-17.66	48.22	3	Vertical	69	2.19	-	33.23	5.66	30.77
AV	4.91394G	53.67	54.00	-0.33	45.55	3	Vertical	69	2.19	-	33.23	5.66	30.77
PK	7.38522G	51.04	74.00	-22.96	39.69	3	Vertical	196	1.10	-	36.50	6.81	31.96
AV	7.3812G	38.14	54.00	-15.86	26.79	3	Vertical	196	1.10	-	36.50	6.81	31.96

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

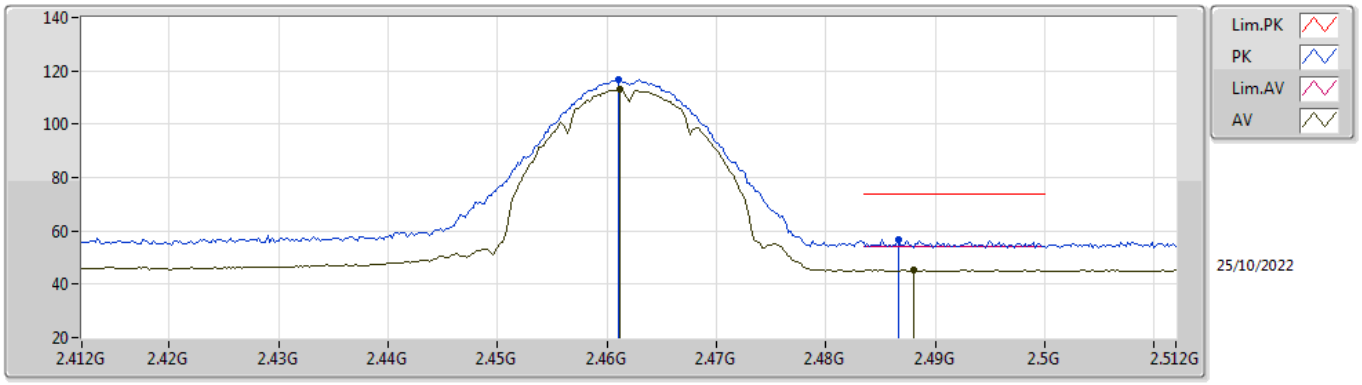


EUT Y_4TX
Setting 17.5
02-F-B-5

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	4.91394G	51.80	74.00	-22.20	43.68	3	Horizontal	59	1.94	-	33.23	5.66	30.77
AV	4.914G	47.45	54.00	-6.55	39.33	3	Horizontal	59	1.94	-	33.23	5.66	30.77
PK	7.36248G	50.31	74.00	-23.69	38.94	3	Horizontal	37	2.87	-	36.50	6.82	31.95
AV	7.38438G	38.00	54.00	-16.00	26.65	3	Horizontal	37	2.87	-	36.50	6.81	31.96

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

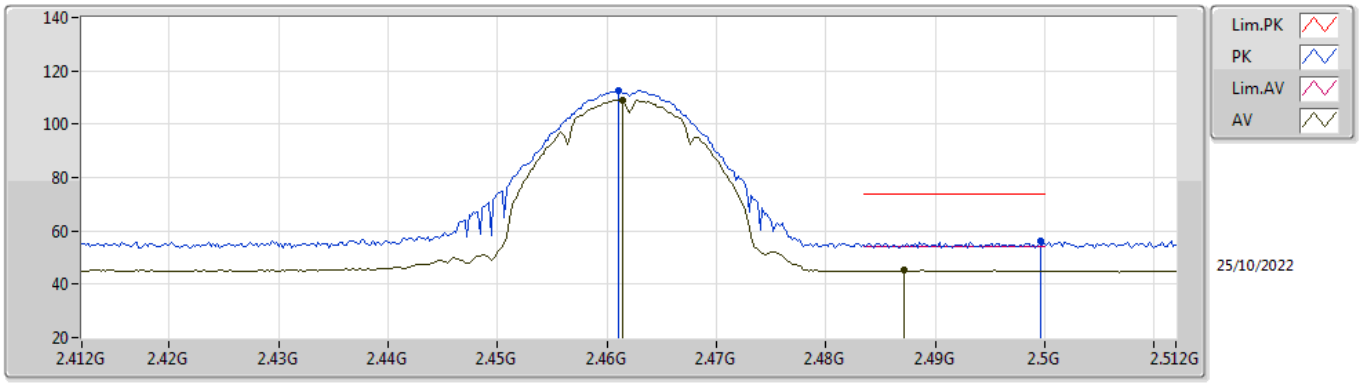


EUT Y_4TX
Setting 17.5
02-F-B-5

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	116.62	Inf	-Inf	84.95	3	Vertical	277	1.85	-	28.44	3.23	-
AV	2.4612G	112.94	Inf	-Inf	81.27	3	Vertical	277	1.85	-	28.44	3.23	-
PK	2.4866G	56.72	74.00	-17.28	24.93	3	Vertical	277	1.85	-	28.55	3.24	-
AV	2.488G	45.45	54.00	-8.55	13.66	3	Vertical	277	1.85	-	28.55	3.24	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

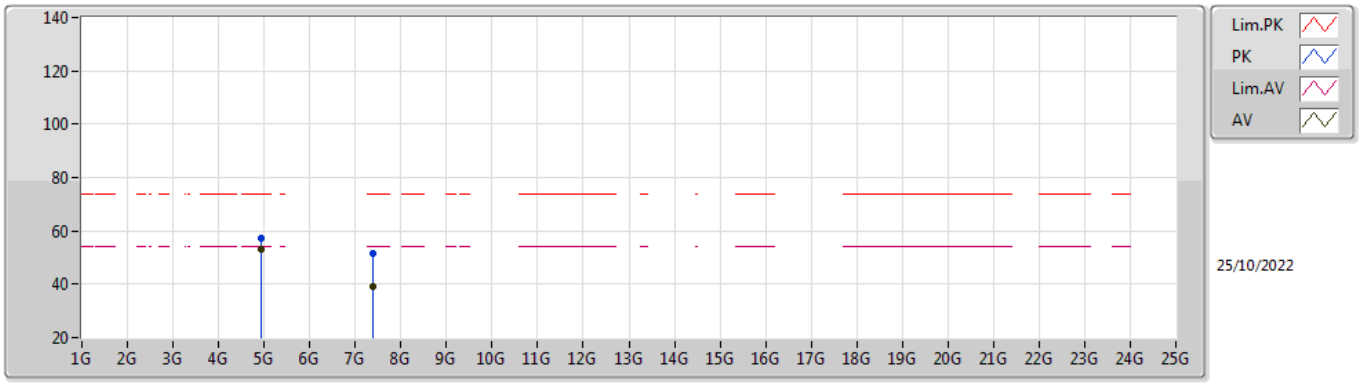


EUT Y_4TX
Setting 17.5
02-F-B-5

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	112.72	Inf	-Inf	81.05	3	Horizontal	304	1.37	-	28.44	3.23	-
AV	2.4614G	109.09	Inf	-Inf	77.41	3	Horizontal	304	1.37	-	28.45	3.23	-
PK	2.4996G	56.02	74.00	-17.98	24.17	3	Horizontal	304	1.37	-	28.60	3.25	-
AV	2.4872G	45.15	54.00	-8.85	13.36	3	Horizontal	304	1.37	-	28.55	3.24	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

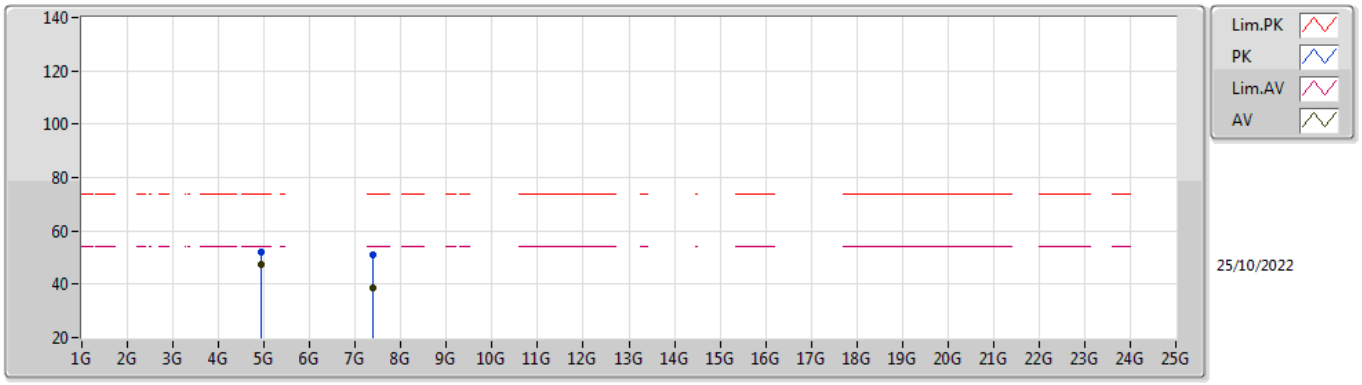


EUT Y_4TX
Setting 17.5
02-F-B-5

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	57.10	74.00	-16.90	48.95	3	Vertical	57	1.88	-	33.25	5.66	30.76
AV	4.92401G	53.13	54.00	-0.87	44.98	3	Vertical	57	1.88	-	33.25	5.66	30.76
PK	7.38285G	51.53	74.00	-22.47	40.18	3	Vertical	105	3.00	-	36.50	6.81	31.96
AV	7.38276G	39.22	54.00	-14.78	27.87	3	Vertical	105	3.00	-	36.50	6.81	31.96

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

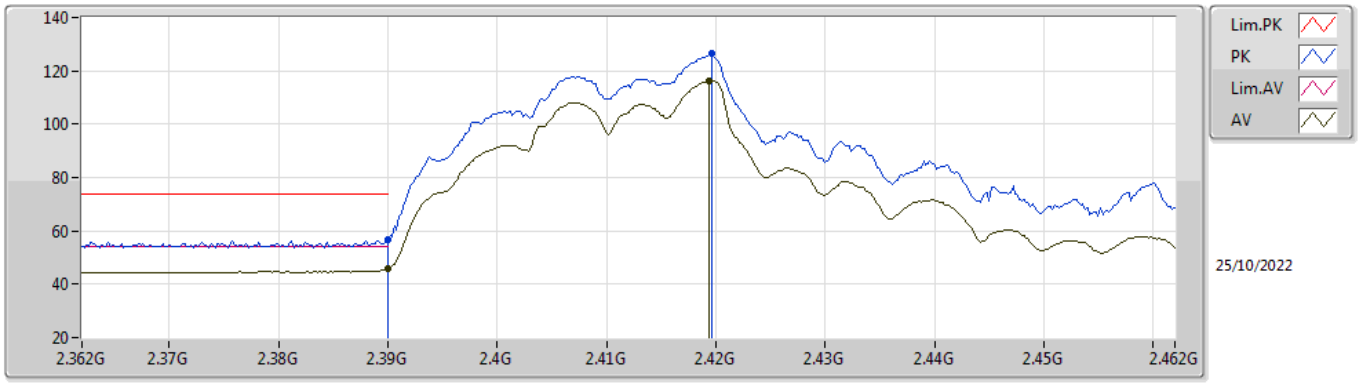


EUT Y_4TX
Setting 17.5
02-F-B-5

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	52.21	74.00	-21.79	44.06	3	Horizontal	143	1.39	-	33.25	5.66	30.76
AV	4.92398G	47.53	54.00	-6.47	39.38	3	Horizontal	143	1.39	-	33.25	5.66	30.76
PK	7.38848G	50.90	74.00	-23.10	39.56	3	Horizontal	157	1.80	-	36.50	6.81	31.97
AV	7.38688G	38.70	54.00	-15.30	27.35	3	Horizontal	157	1.80	-	36.50	6.81	31.96

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

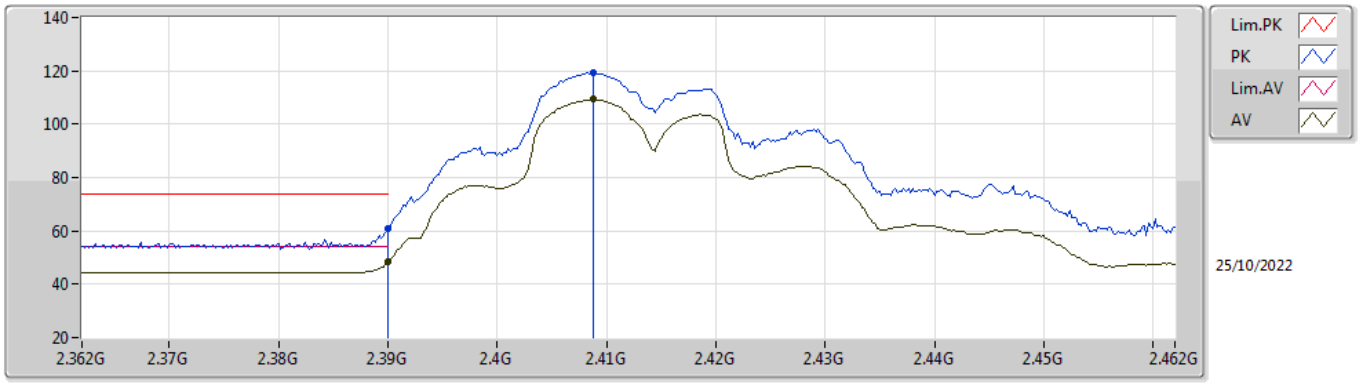


EUT Y_4TX
Setting 24.5
02-F-B-5

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	56.93	74.00	-17.07	25.35	3	Vertical	222	1.61	-	28.38	3.20	-
AV	2.39G	45.85	54.00	-8.15	14.27	3	Vertical	222	1.61	-	28.38	3.20	-
PK	2.4196G	126.38	Inf	-Inf	94.77	3	Vertical	222	1.61	-	28.40	3.21	-
AV	2.4194G	116.39	Inf	-Inf	84.78	3	Vertical	222	1.61	-	28.40	3.21	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

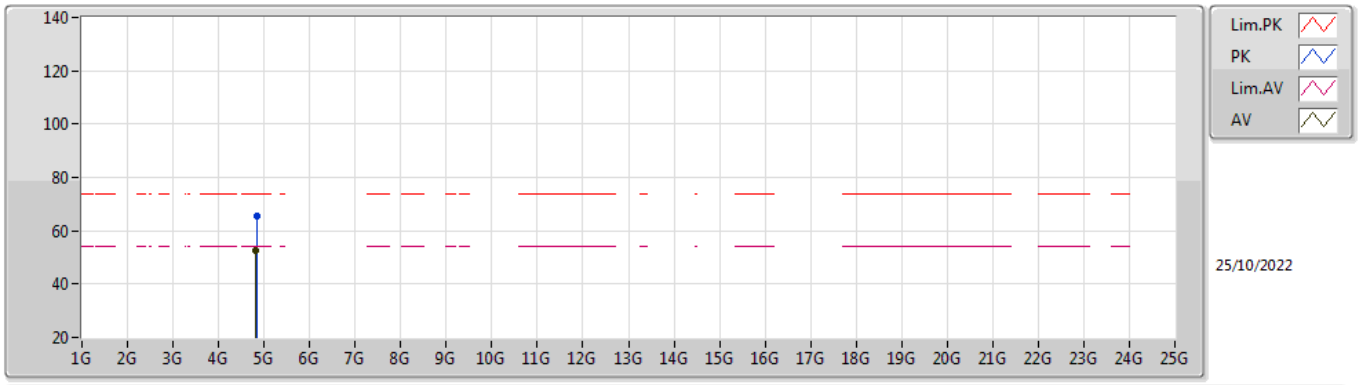


EUT Y_4TX
Setting 24.5
02-F-B-5

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	60.94	74.00	-13.06	29.36	3	Horizontal	62	2.38	-	28.38	3.20	-
AV	2.39G	48.25	54.00	-5.75	16.67	3	Horizontal	62	2.38	-	28.38	3.20	-
PK	2.4088G	119.51	Inf	-Inf	87.91	3	Horizontal	62	2.38	-	28.40	3.20	-
AV	2.4088G	109.28	Inf	-Inf	77.68	3	Horizontal	62	2.38	-	28.40	3.20	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

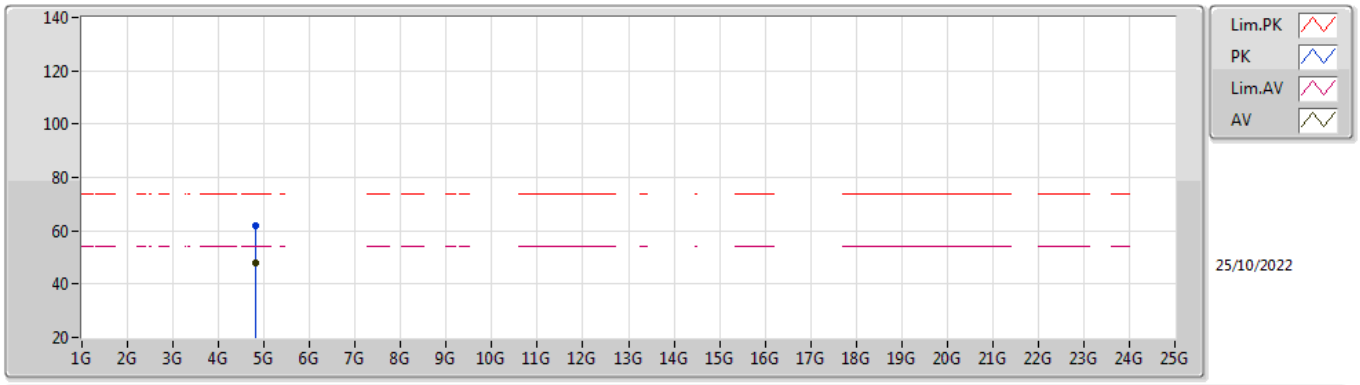


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.829G	65.64	74.00	-8.36	57.86	3	Vertical	73	2.06	-	32.97	5.61	30.80
AV	4.8261G	52.47	54.00	-1.53	44.70	3	Vertical	73	2.06	-	32.96	5.61	30.80

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

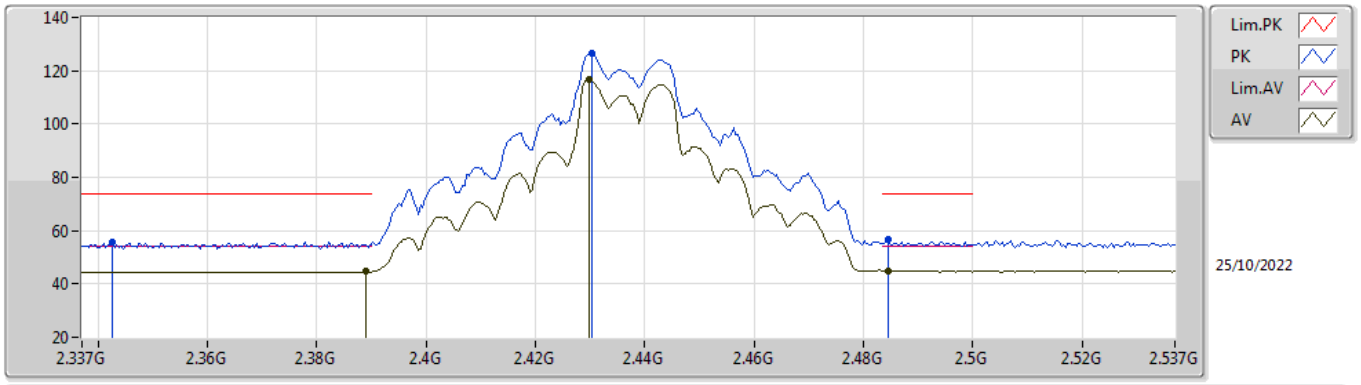


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.8124G	61.79	74.00	-12.21	54.12	3	Horizontal	59	1.29	-	32.87	5.61	30.81
AV	4.8244G	48.12	54.00	-5.88	40.36	3	Horizontal	59	1.29	-	32.95	5.61	30.80

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

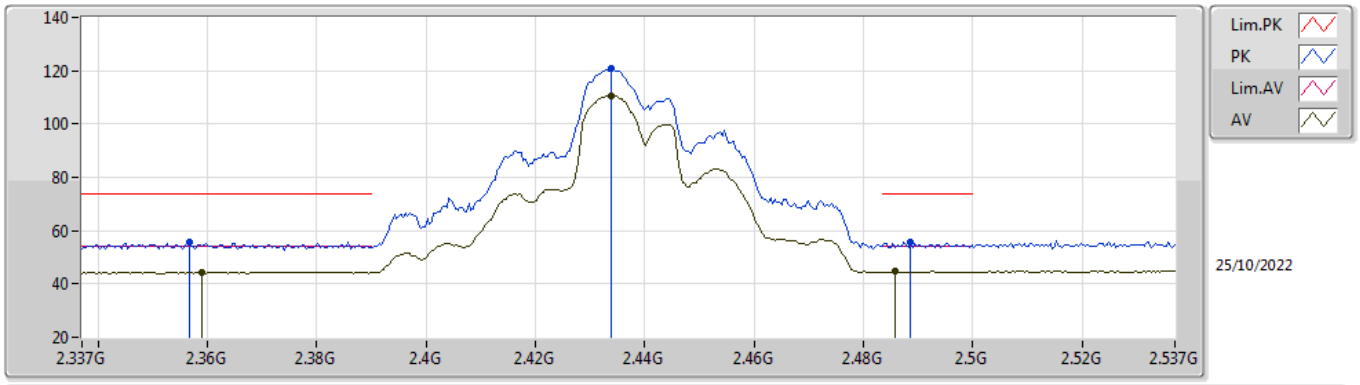


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3426G	55.78	74.00	-18.22	24.34	3	Vertical	271	1.80	-	28.27	3.17	-
AV	2.389G	44.64	54.00	-9.36	13.07	3	Vertical	271	1.80	-	28.38	3.19	-
PK	2.4302G	126.34	Inf	-Inf	94.72	3	Vertical	271	1.80	-	28.40	3.22	-
AV	2.4298G	116.79	Inf	-Inf	85.18	3	Vertical	271	1.80	-	28.40	3.21	-
PK	2.4846G	56.91	74.00	-17.09	25.13	3	Vertical	271	1.80	-	28.54	3.24	-
AV	2.4846G	45.06	54.00	-8.94	13.28	3	Vertical	271	1.80	-	28.54	3.24	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

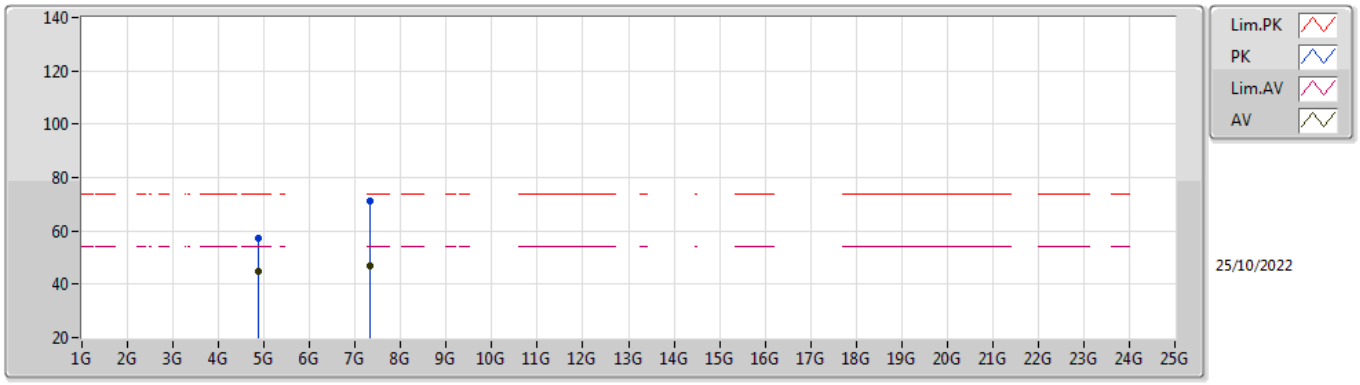


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3566G	55.47	74.00	-18.53	23.98	3	Horizontal	58	1.93	-	28.31	3.18	-
AV	2.359G	44.29	54.00	-9.71	12.79	3	Horizontal	58	1.93	-	28.32	3.18	-
PK	2.4338G	120.61	Inf	-Inf	88.99	3	Horizontal	58	1.93	-	28.40	3.22	-
AV	2.4338G	110.72	Inf	-Inf	79.10	3	Horizontal	58	1.93	-	28.40	3.22	-
PK	2.4886G	55.77	74.00	-18.23	23.98	3	Horizontal	58	1.93	-	28.55	3.24	-
AV	2.4858G	44.61	54.00	-9.39	12.83	3	Horizontal	58	1.93	-	28.54	3.24	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

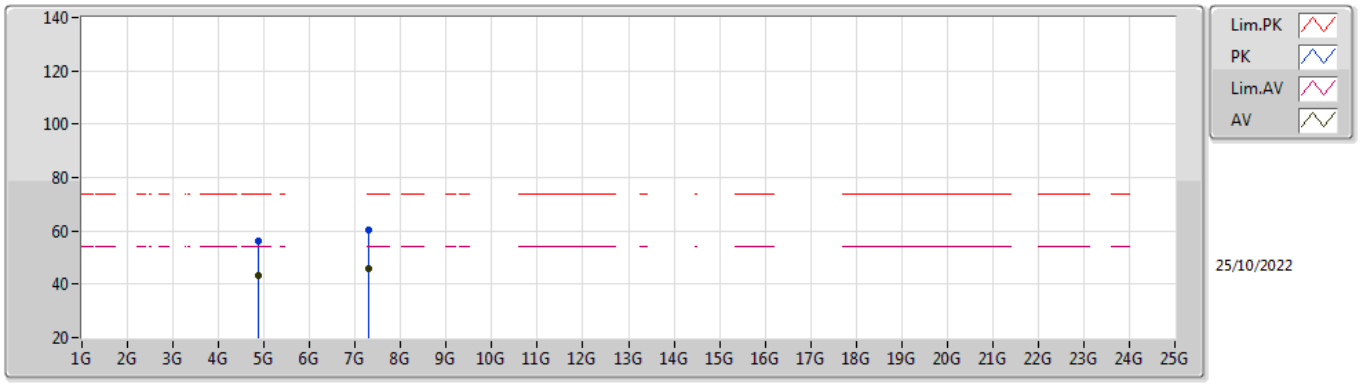


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.88008G	57.26	74.00	-16.74	49.24	3	Vertical	56	1.80	-	33.16	5.64	30.78
AV	4.87984G	44.86	54.00	-9.14	36.84	3	Vertical	56	1.80	-	33.16	5.64	30.78
PK	7.3118G	71.34	74.00	-2.66	60.00	3	Vertical	284	1.78	-	36.42	6.84	31.92
AV	7.31292G	46.98	54.00	-7.02	35.63	3	Vertical	284	1.78	-	36.43	6.84	31.92

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

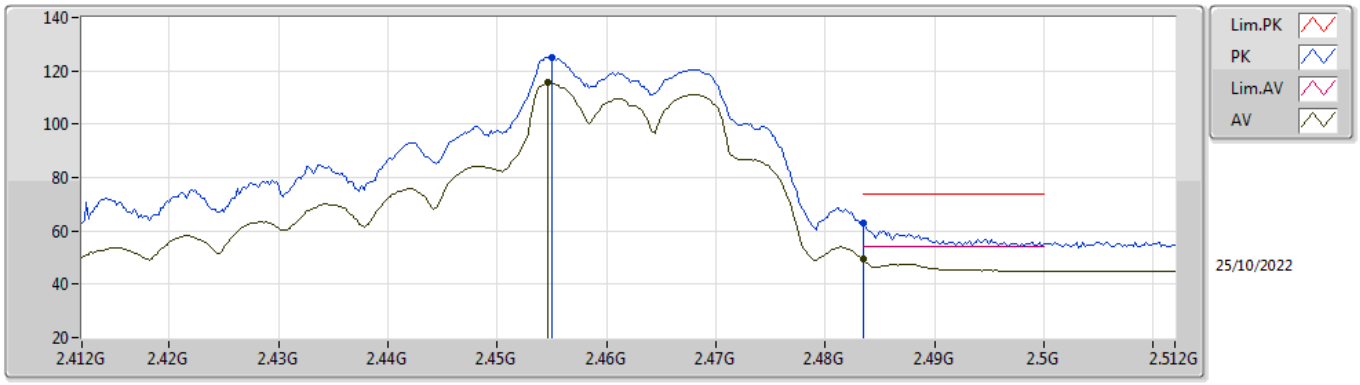


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.87824G	56.29	74.00	-17.71	48.27	3	Horizontal	57	1.68	-	33.16	5.64	30.78
AV	4.88G	43.25	54.00	-10.75	35.23	3	Horizontal	57	1.68	-	33.16	5.64	30.78
PK	7.3046G	60.53	74.00	-13.47	49.19	3	Horizontal	44	1.66	-	36.41	6.85	31.92
AV	7.30548G	45.67	54.00	-8.33	34.33	3	Horizontal	44	1.66	-	36.41	6.85	31.92

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

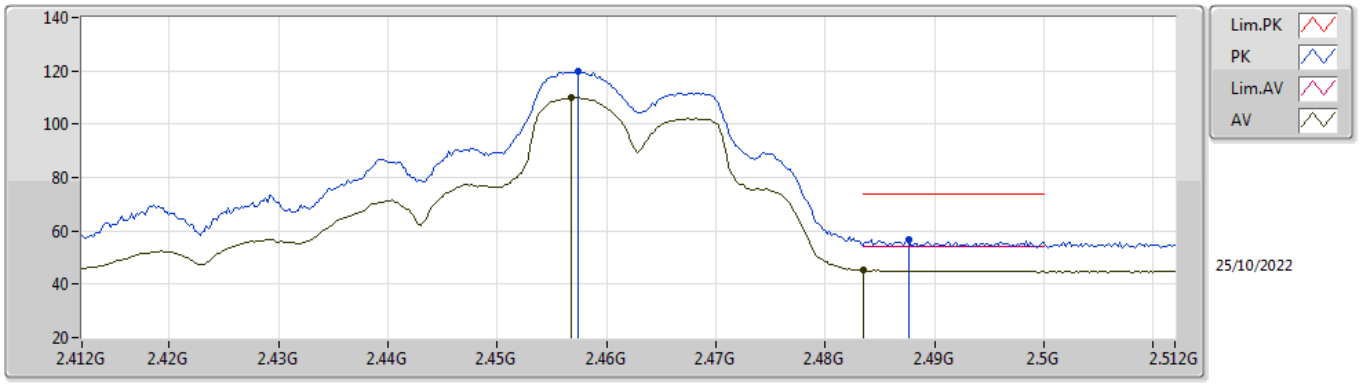


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.455G	125.16	Inf	-Inf	93.51	3	Vertical	271	1.26	-	28.42	3.23	-
AV	2.4546G	115.44	Inf	-Inf	83.79	3	Vertical	271	1.26	-	28.42	3.23	-
PK	2.4835G	62.75	74.00	-11.25	30.98	3	Vertical	271	1.26	-	28.53	3.24	-
AV	2.4835G	49.34	54.00	-4.66	17.57	3	Vertical	271	1.26	-	28.53	3.24	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

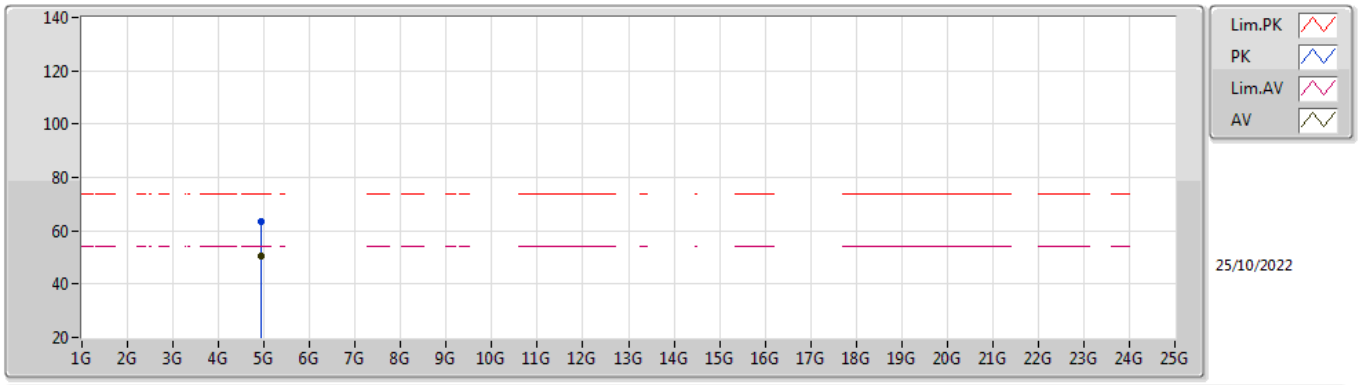


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.4574G	119.60	Inf	-Inf	87.94	3	Horizontal	68	1.03	-	28.43	3.23	-
AV	2.4568G	110.00	Inf	-Inf	78.34	3	Horizontal	68	1.03	-	28.43	3.23	-
PK	2.4876G	56.76	74.00	-17.24	24.97	3	Horizontal	68	1.03	-	28.55	3.24	-
AV	2.4835G	45.21	54.00	-8.79	13.44	3	Horizontal	68	1.03	-	28.53	3.24	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

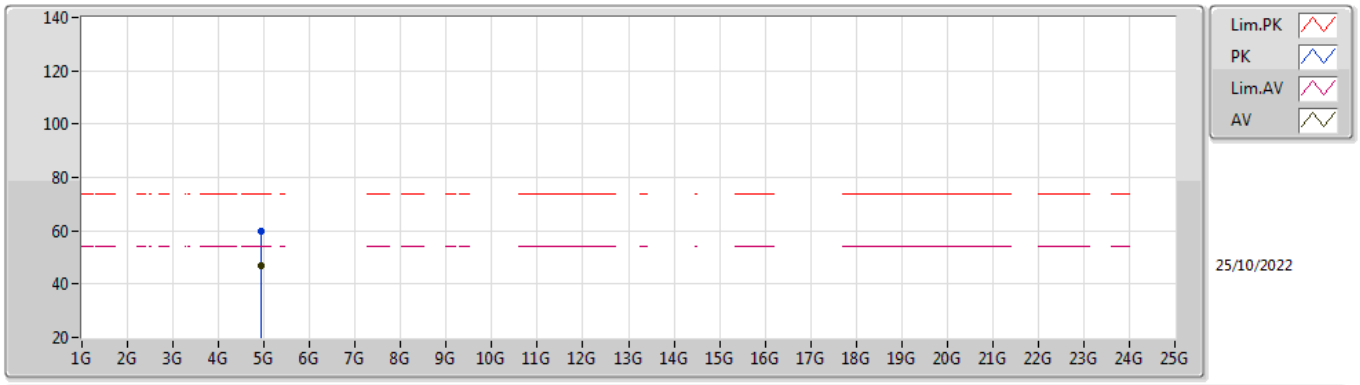


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.92696G	63.34	74.00	-10.66	55.19	3	Vertical	77	2.01	-	33.25	5.66	30.76
AV	4.93008G	50.32	54.00	-3.68	42.15	3	Vertical	77	2.01	-	33.26	5.67	30.76

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

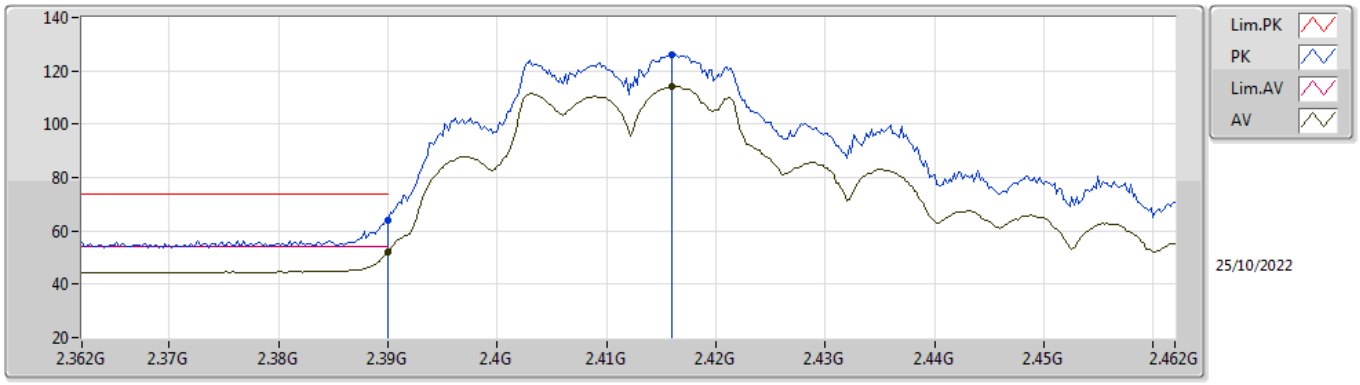


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.93112G	59.68	74.00	-14.32	51.51	3	Horizontal	148	1.48	-	33.26	5.67	30.76
AV	4.92992G	46.91	54.00	-7.09	38.75	3	Horizontal	148	1.48	-	33.26	5.66	30.76

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

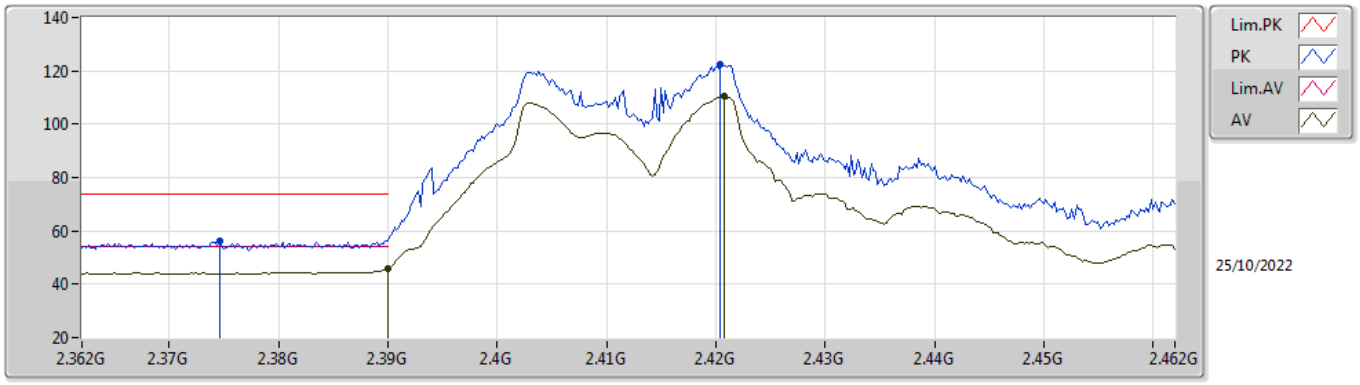


EUT Y_4TX
Setting 24.5
02-F-B-5

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	63.96	74.00	-10.04	32.38	3	Vertical	251	1.86	-	28.38	3.20	-
AV	2.39G	52.18	54.00	-1.82	20.60	3	Vertical	251	1.86	-	28.38	3.20	-
PK	2.416G	126.20	Inf	-Inf	94.59	3	Vertical	251	1.86	-	28.40	3.21	-
AV	2.416G	114.13	Inf	-Inf	82.52	3	Vertical	251	1.86	-	28.40	3.21	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

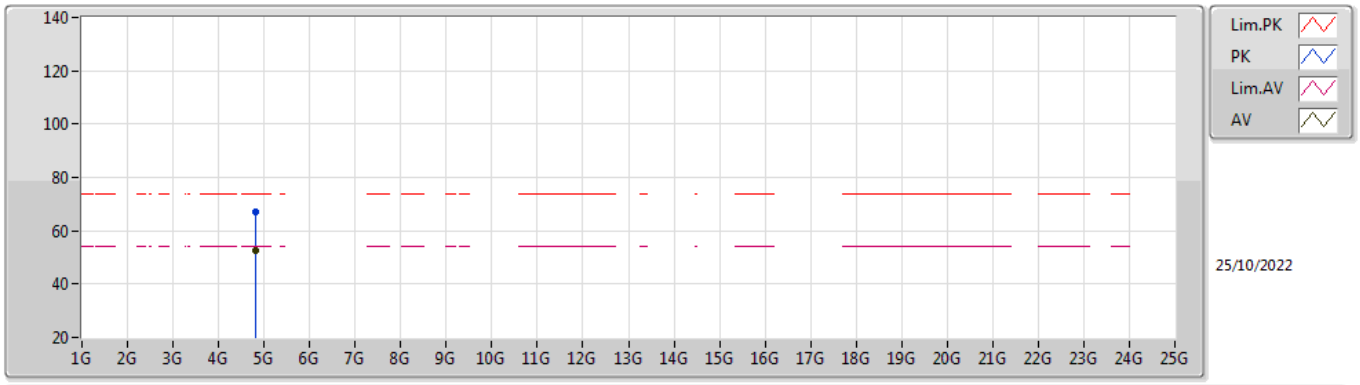


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3746G	56.43	74.00	-17.57	24.89	3	Horizontal	71	1.60	-	28.35	3.19	-
AV	2.39G	45.82	54.00	-8.18	14.24	3	Horizontal	71	1.60	-	28.38	3.20	-
PK	2.4204G	122.27	Inf	-Inf	90.66	3	Horizontal	71	1.60	-	28.40	3.21	-
AV	2.4208G	110.37	Inf	-Inf	78.76	3	Horizontal	71	1.60	-	28.40	3.21	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

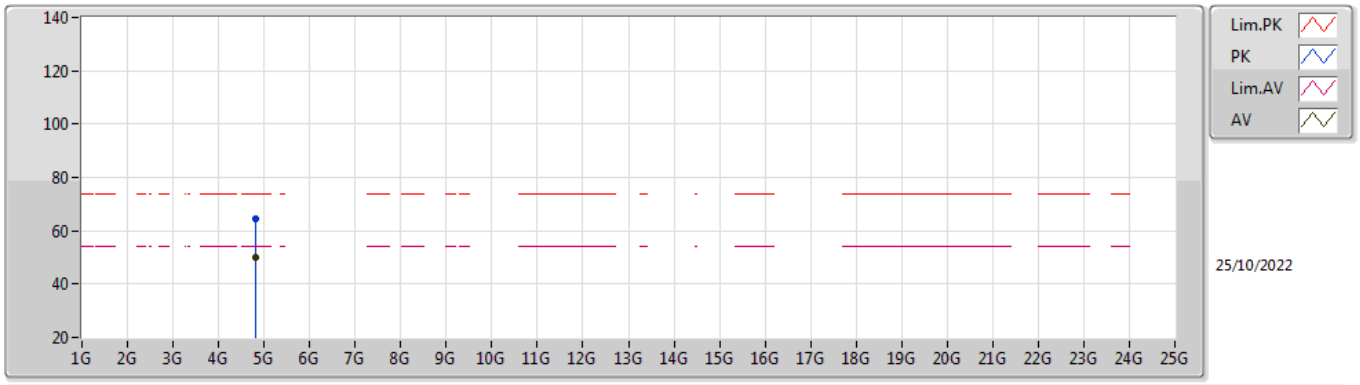


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.8183G	67.08	74.00	-6.92	59.37	3	Vertical	76	1.97	-	32.91	5.61	30.81
AV	4.8179G	52.72	54.00	-1.28	45.01	3	Vertical	76	1.97	-	32.91	5.61	30.81

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

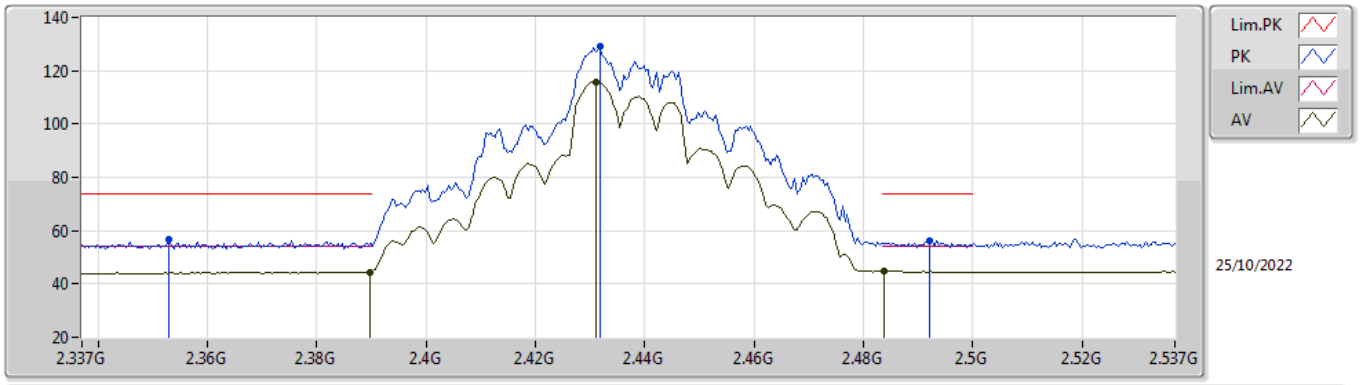


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.8182G	64.32	74.00	-9.68	56.61	3	Horizontal	64	1.65	-	32.91	5.61	30.81
AV	4.8181G	49.78	54.00	-4.22	42.07	3	Horizontal	64	1.65	-	32.91	5.61	30.81

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

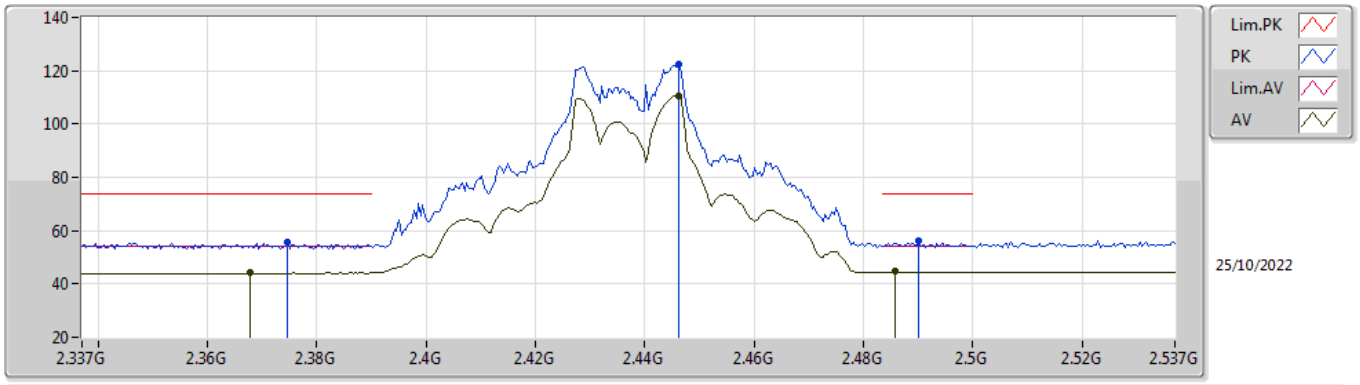


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.353G	56.64	74.00	-17.36	25.15	3	Vertical	222	1.80	-	28.31	3.18	-
AV	2.3898G	44.43	54.00	-9.57	12.86	3	Vertical	222	1.80	-	28.38	3.19	-
PK	2.4318G	129.10	Inf	-Inf	97.48	3	Vertical	222	1.80	-	28.40	3.22	-
AV	2.431G	115.83	Inf	-Inf	84.21	3	Vertical	222	1.80	-	28.40	3.22	-
PK	2.4922G	56.37	74.00	-17.63	24.55	3	Vertical	222	1.80	-	28.57	3.25	-
AV	2.4838G	44.83	54.00	-9.17	13.05	3	Vertical	222	1.80	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

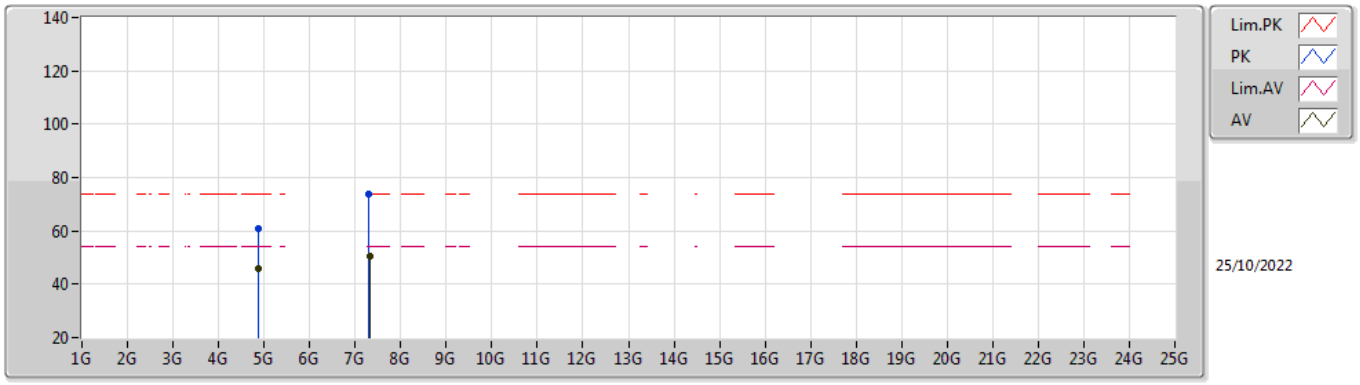


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.3746G	55.47	74.00	-18.53	23.93	3	Horizontal	77	1.92	-	28.35	3.19	-
AV	2.3678G	44.10	54.00	-9.90	12.58	3	Horizontal	77	1.92	-	28.34	3.18	-
PK	2.4462G	122.39	Inf	-Inf	90.77	3	Horizontal	77	1.92	-	28.40	3.22	-
AV	2.4462G	110.50	Inf	-Inf	78.88	3	Horizontal	77	1.92	-	28.40	3.22	-
PK	2.4902G	56.07	74.00	-17.93	24.26	3	Horizontal	77	1.92	-	28.56	3.25	-
AV	2.4858G	44.64	54.00	-9.36	12.86	3	Horizontal	77	1.92	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

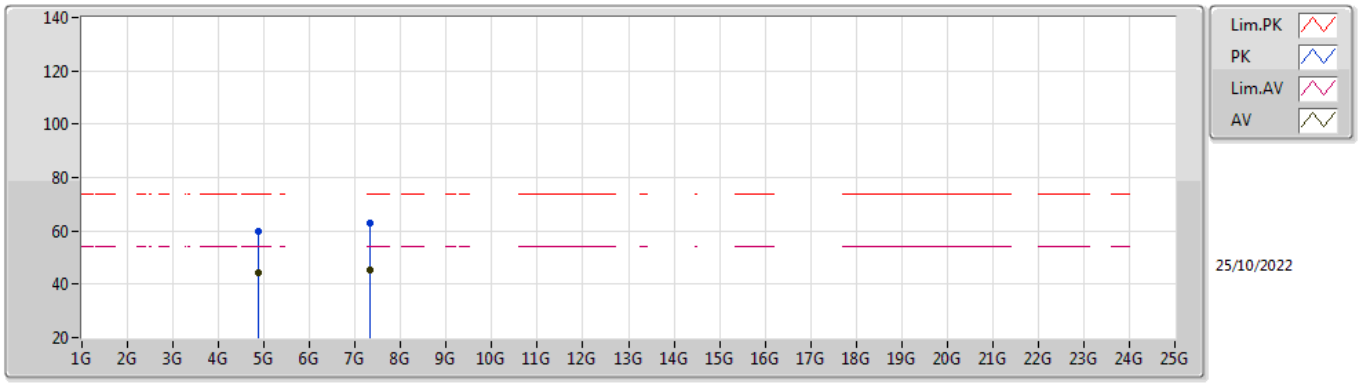


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.8681G	60.87	74.00	-13.13	52.89	3	Vertical	182	1.99	-	33.14	5.63	30.79
AV	4.874G	45.72	54.00	-8.28	37.71	3	Vertical	182	1.99	-	33.15	5.64	30.78
PK	7.2926G	73.97	74.00	-0.03	62.66	3	Vertical	282	1.80	-	36.37	6.85	31.91
AV	7.3121G	50.27	54.00	-3.73	38.93	3	Vertical	282	1.80	-	36.42	6.84	31.92

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

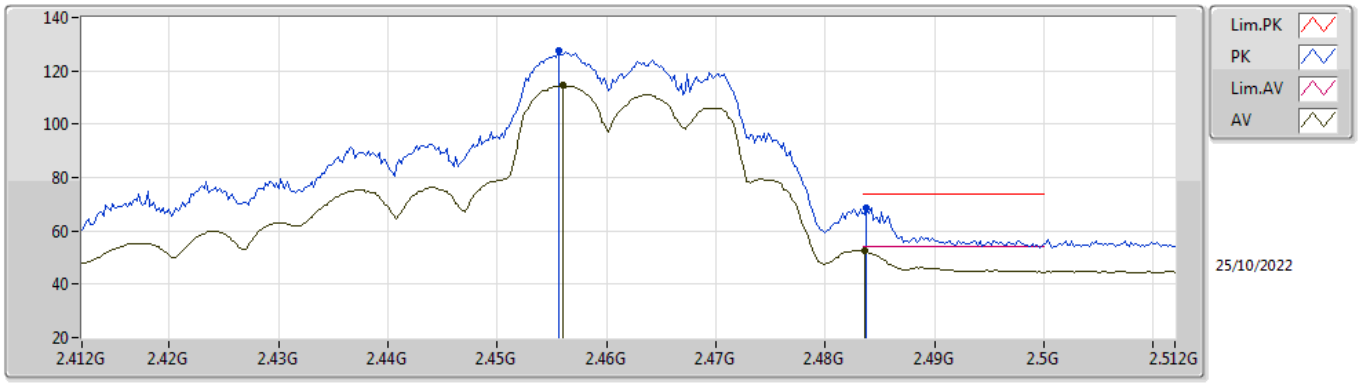


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.8754G	59.99	74.00	-14.01	51.98	3	Horizontal	55	1.66	-	33.15	5.64	30.78
AV	4.8863G	44.28	54.00	-9.72	36.25	3	Horizontal	55	1.66	-	33.17	5.64	30.78
PK	7.3182G	62.75	74.00	-11.25	51.39	3	Horizontal	45	1.74	-	36.44	6.84	31.92
AV	7.3181G	45.32	54.00	-8.68	33.96	3	Horizontal	45	1.74	-	36.44	6.84	31.92

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

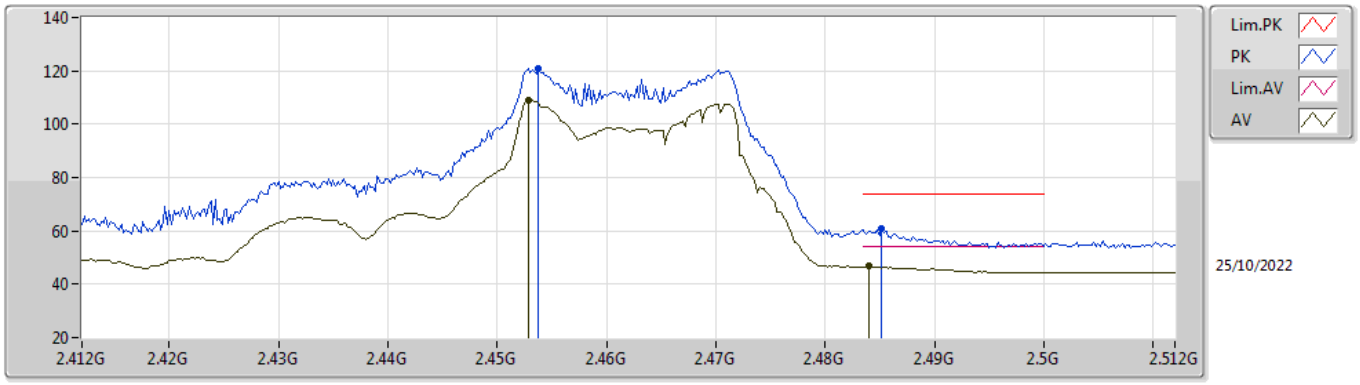


EUT Y_4TX
Setting 23.5
02-F-B-5

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	2.4556G	127.53	Inf	-Inf	95.88	3	Vertical	221	1.79	-	28.42	3.23	-
AV	2.456G	114.43	Inf	-Inf	82.78	3	Vertical	221	1.79	-	28.42	3.23	-
PK	2.4838G	68.81	74.00	-5.19	37.03	3	Vertical	221	1.79	-	28.54	3.24	-
AV	2.4836G	52.54	54.00	-1.46	20.77	3	Vertical	221	1.79	-	28.53	3.24	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

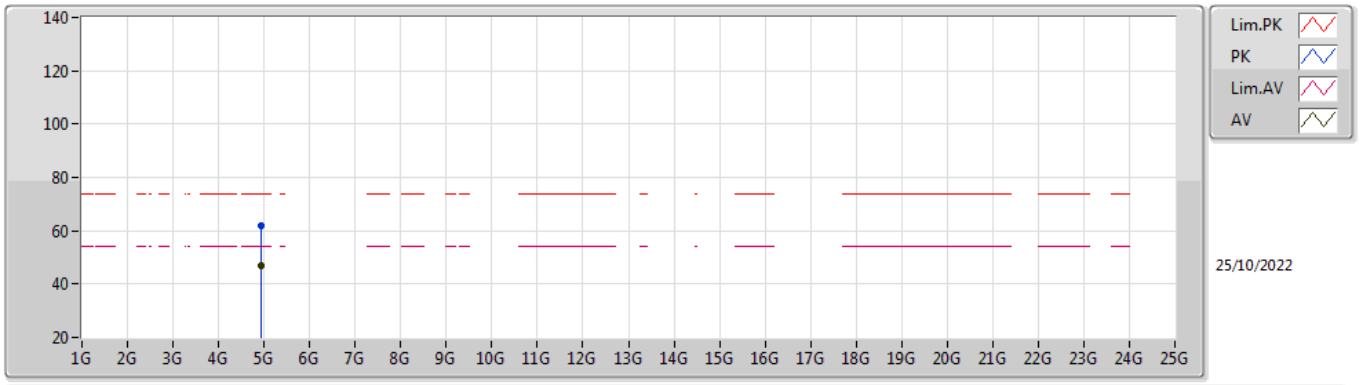


EUT Y_4TX
Setting 23.5
02-F-B-5

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	2.4538G	120.65	Inf	-Inf	89.00	3	Horizontal	74	2.11	-	28.42	3.23	-
AV	2.4528G	108.90	Inf	-Inf	77.26	3	Horizontal	74	2.11	-	28.41	3.23	-
PK	2.4852G	60.90	74.00	-13.10	29.12	3	Horizontal	74	2.11	-	28.54	3.24	-
AV	2.484G	46.98	54.00	-7.02	15.20	3	Horizontal	74	2.11	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

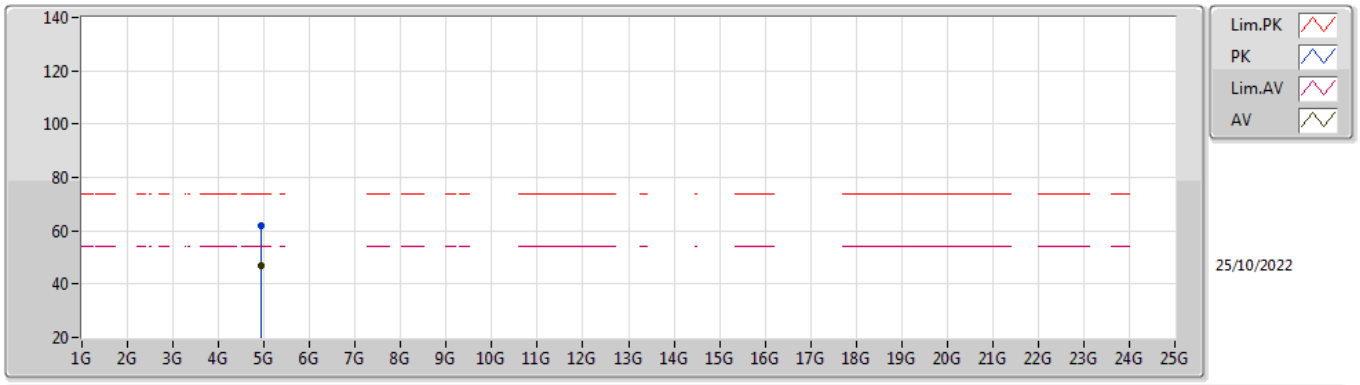


EUT Y_4TX
Setting 23.5
02-F-B-5

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	4.9282G	61.82	74.00	-12.18	53.66	3	Vertical	81	2.22	-	33.26	5.66	30.76
AV	4.9277G	46.98	54.00	-7.02	38.82	3	Vertical	81	2.22	-	33.26	5.66	30.76

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

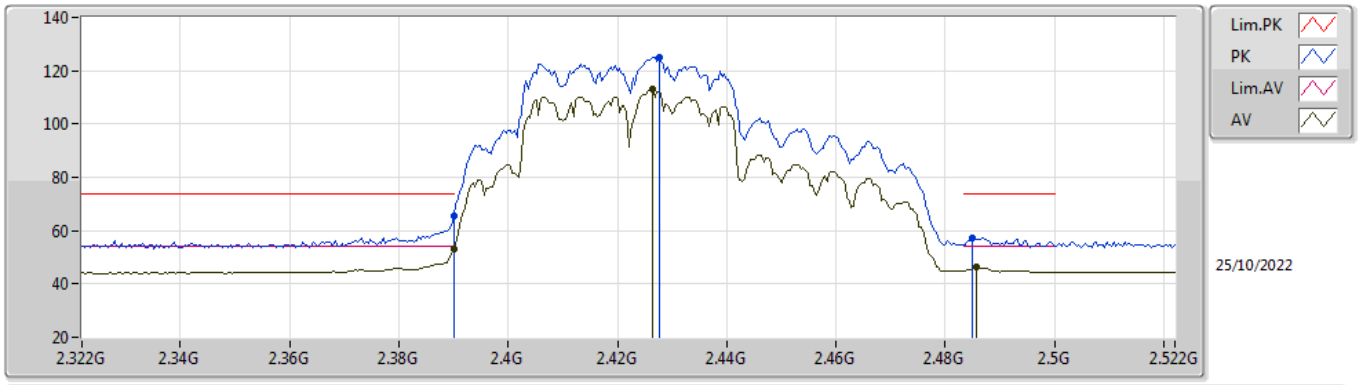


EUT Y_4TX
Setting 23.5
02-F-B-5

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	4.9266G	62.10	74.00	-11.90	53.95	3	Horizontal	275	1.51	-	33.25	5.66	30.76
AV	4.9282G	46.71	54.00	-7.29	38.55	3	Horizontal	275	1.51	-	33.26	5.66	30.76

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

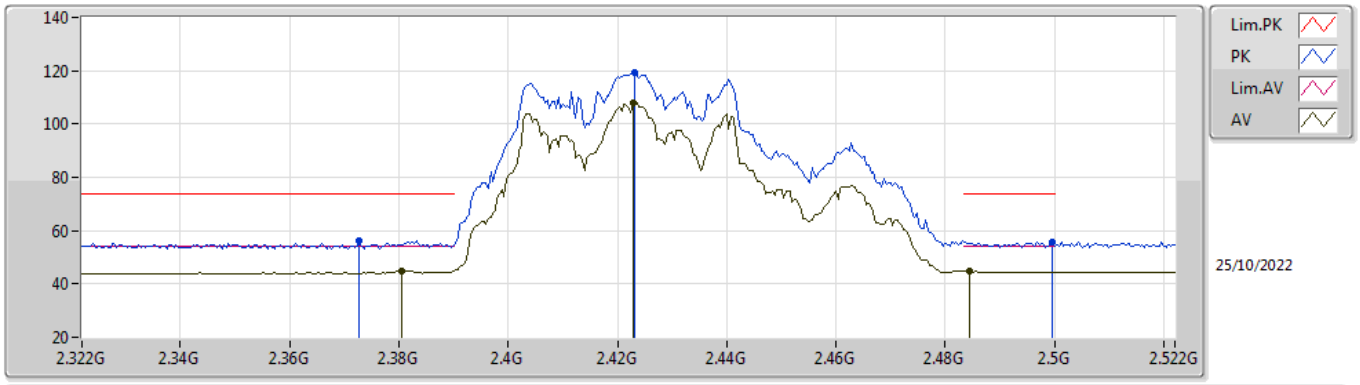


EUT Y_4TX
Setting 24
02-F-B-5

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	65.37	74.00	-8.63	33.79	3	Vertical	255	1.80	-	28.38	3.20	-
AV	2.39G	53.35	54.00	-0.65	21.77	3	Vertical	255	1.80	-	28.38	3.20	-
PK	2.4276G	125.14	Inf	-Inf	93.53	3	Vertical	255	1.80	-	28.40	3.21	-
AV	2.4264G	113.29	Inf	-Inf	81.68	3	Vertical	255	1.80	-	28.40	3.21	-
PK	2.4848G	57.16	74.00	-16.84	25.38	3	Vertical	255	1.80	-	28.54	3.24	-
AV	2.4856G	46.16	54.00	-7.84	14.38	3	Vertical	255	1.80	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

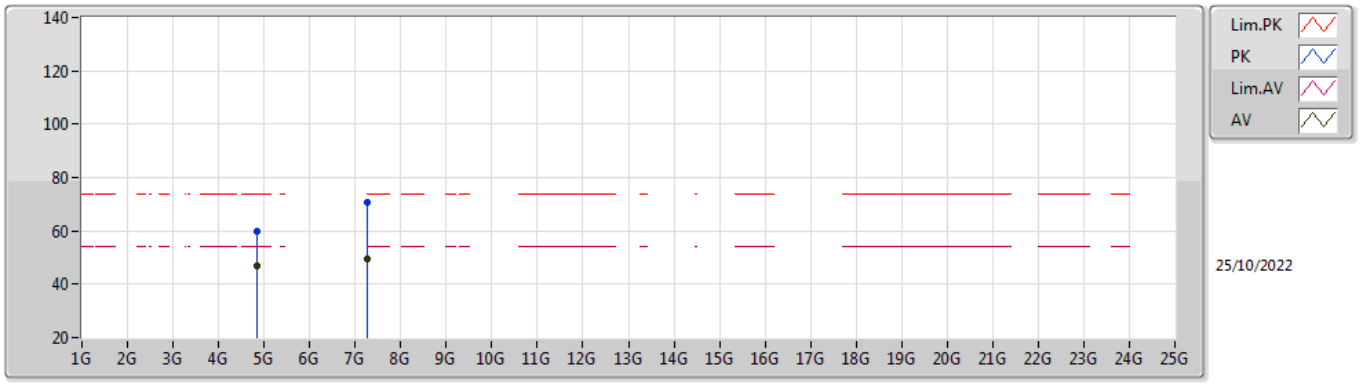


EUT Y_4TX
Setting 24
02-F-B-5

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	2.3728G	56.28	74.00	-17.72	24.74	3	Horizontal	310	1.06	-	28.35	3.19	-
AV	2.3804G	44.84	54.00	-9.16	13.29	3	Horizontal	310	1.06	-	28.36	3.19	-
PK	2.4232G	119.12	Inf	-Inf	87.51	3	Horizontal	310	1.06	-	28.40	3.21	-
AV	2.4228G	108.13	Inf	-Inf	76.52	3	Horizontal	310	1.06	-	28.40	3.21	-
PK	2.4996G	55.80	74.00	-18.20	23.95	3	Horizontal	310	1.06	-	28.60	3.25	-
AV	2.4844G	44.88	54.00	-9.12	13.10	3	Horizontal	310	1.06	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

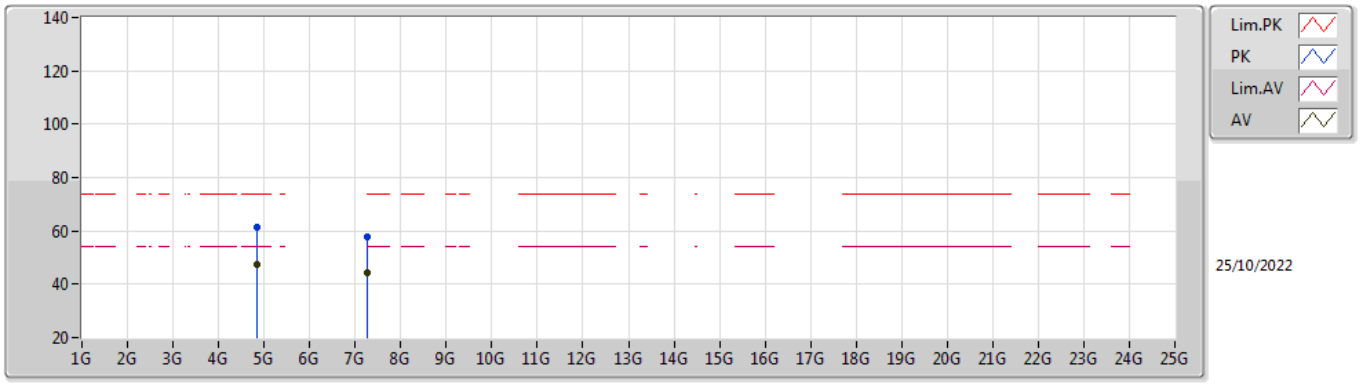


EUT Y_4TX
Setting 24
02-F-B-5

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	4.845G	59.73	74.00	-14.27	51.84	3	Vertical	56	1.71	-	33.07	5.62	30.80
AV	4.838G	46.75	54.00	-7.25	38.90	3	Vertical	56	1.71	-	33.03	5.62	30.80
PK	7.2668G	70.47	74.00	-3.53	59.22	3	Vertical	259	2.08	-	36.27	6.87	31.89
AV	7.2656G	49.47	54.00	-4.53	38.23	3	Vertical	259	2.08	-	36.26	6.87	31.89

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

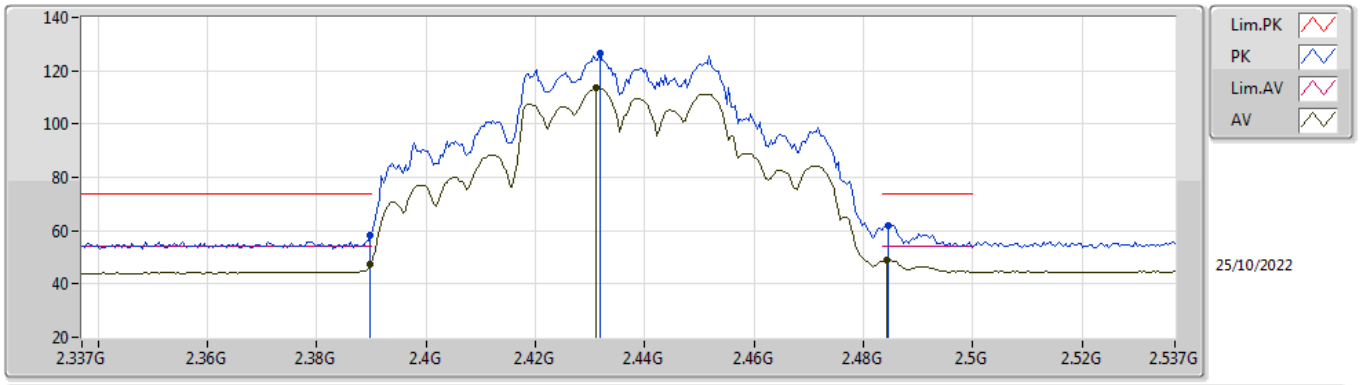


EUT Y_4TX
Setting 24
02-F-B-5

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	4.8364G	61.42	74.00	-12.58	53.58	3	Horizontal	58	1.70	-	33.02	5.62	30.80
AV	4.838G	47.35	54.00	-6.65	39.50	3	Horizontal	58	1.70	-	33.03	5.62	30.80
PK	7.2736G	57.96	74.00	-16.04	46.71	3	Horizontal	44	1.62	-	36.29	6.86	31.90
AV	7.2732G	44.23	54.00	-9.77	32.98	3	Horizontal	44	1.62	-	36.29	6.86	31.90

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

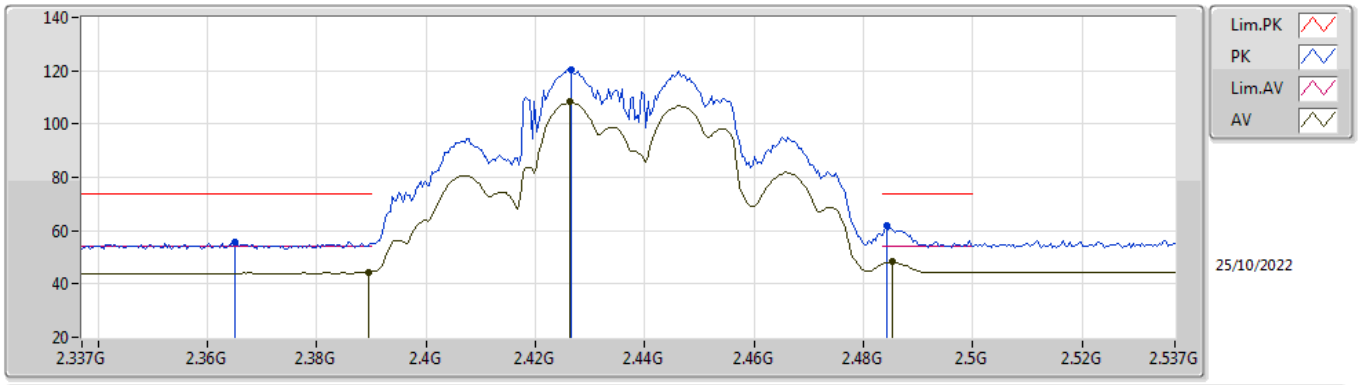


EUT Y_4TX
Setting 24.5
02-F-B-5

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	58.52	74.00	-15.48	26.95	3	Vertical	224	1.80	-	28.38	3.19	-
AV	2.3898G	47.57	54.00	-6.43	16.00	3	Vertical	224	1.80	-	28.38	3.19	-
PK	2.4318G	126.67	Inf	-Inf	95.05	3	Vertical	224	1.80	-	28.40	3.22	-
AV	2.431G	113.41	Inf	-Inf	81.79	3	Vertical	224	1.80	-	28.40	3.22	-
PK	2.4846G	62.11	74.00	-11.89	30.33	3	Vertical	224	1.80	-	28.54	3.24	-
AV	2.4842G	49.14	54.00	-4.86	17.36	3	Vertical	224	1.80	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

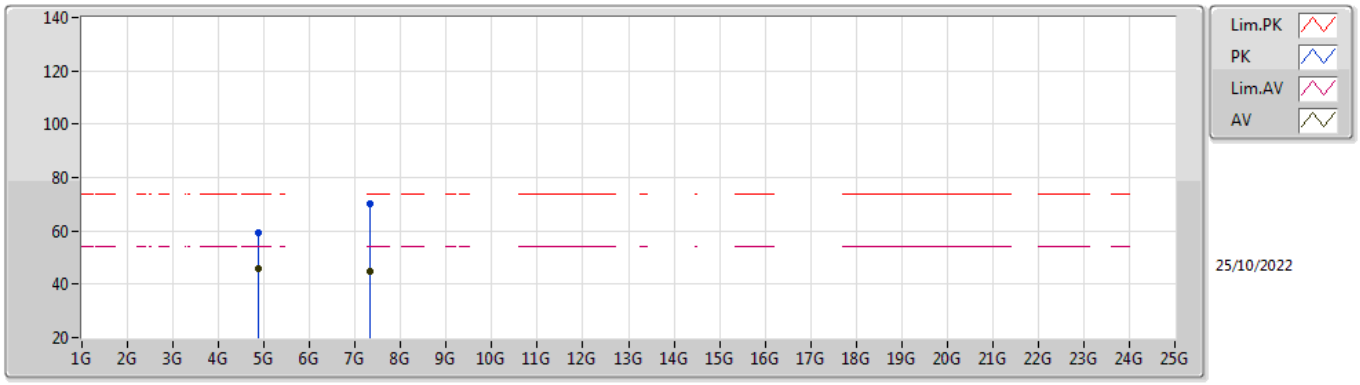


EUT Y_4TX
Setting 24.5
02-F-B-5

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	2.365G	55.57	74.00	-18.43	24.06	3	Horizontal	74	1.60	-	28.33	3.18	-
AV	2.3894G	44.35	54.00	-9.65	12.78	3	Horizontal	74	1.60	-	28.38	3.19	-
PK	2.4266G	120.41	Inf	-Inf	88.80	3	Horizontal	74	1.60	-	28.40	3.21	-
AV	2.4262G	108.19	Inf	-Inf	76.58	3	Horizontal	74	1.60	-	28.40	3.21	-
PK	2.4842G	61.73	74.00	-12.27	29.95	3	Horizontal	74	1.60	-	28.54	3.24	-
AV	2.4854G	48.32	54.00	-5.68	16.54	3	Horizontal	74	1.60	-	28.54	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

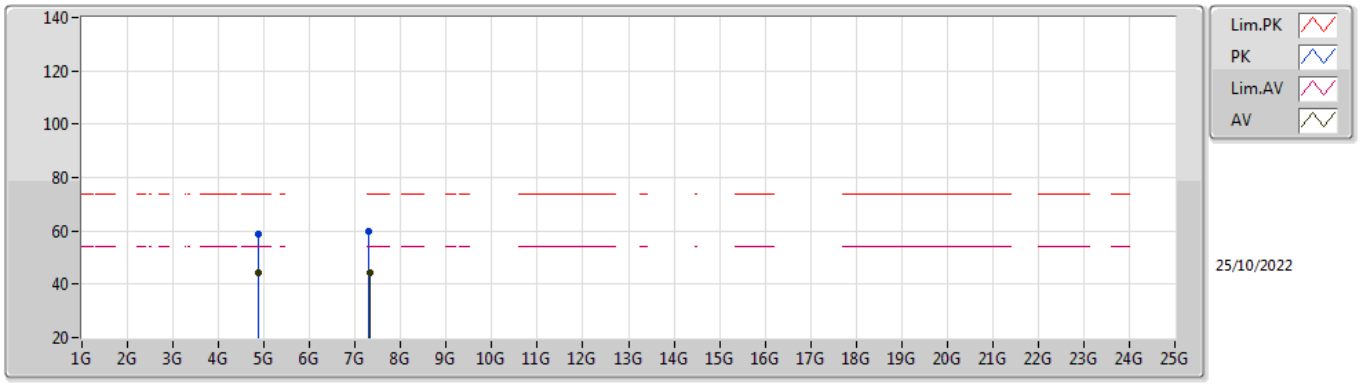


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.86794G	59.56	74.00	-14.44	51.58	3	Vertical	58	1.82	-	33.14	5.63	30.79
AV	4.86782G	45.76	54.00	-8.24	37.78	3	Vertical	58	1.82	-	33.14	5.63	30.79
PK	7.3134G	70.02	74.00	-3.98	58.67	3	Vertical	280	1.78	-	36.43	6.84	31.92
AV	7.31202G	44.91	54.00	-9.09	33.57	3	Vertical	280	1.78	-	36.42	6.84	31.92

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

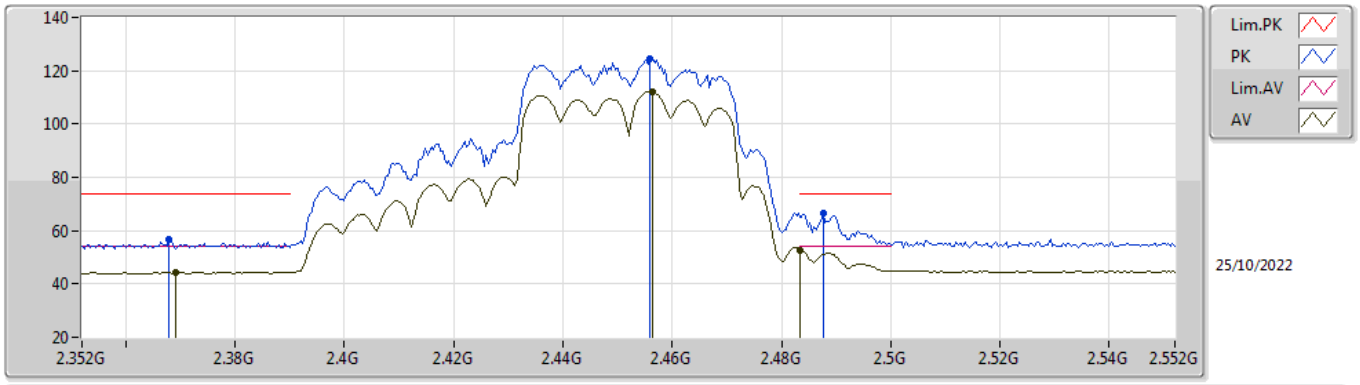


EUT Y_4TX
Setting 24.5
02-F-B-5

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	4.86638G	58.61	74.00	-15.39	50.64	3	Horizontal	58	1.80	-	33.13	5.63	30.79
AV	4.868G	44.47	54.00	-9.53	36.49	3	Horizontal	58	1.80	-	33.14	5.63	30.79
PK	7.29864G	59.57	74.00	-14.43	48.24	3	Horizontal	45	1.75	-	36.39	6.85	31.91
AV	7.31784G	44.50	54.00	-9.50	33.14	3	Horizontal	45	1.75	-	36.44	6.84	31.92

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

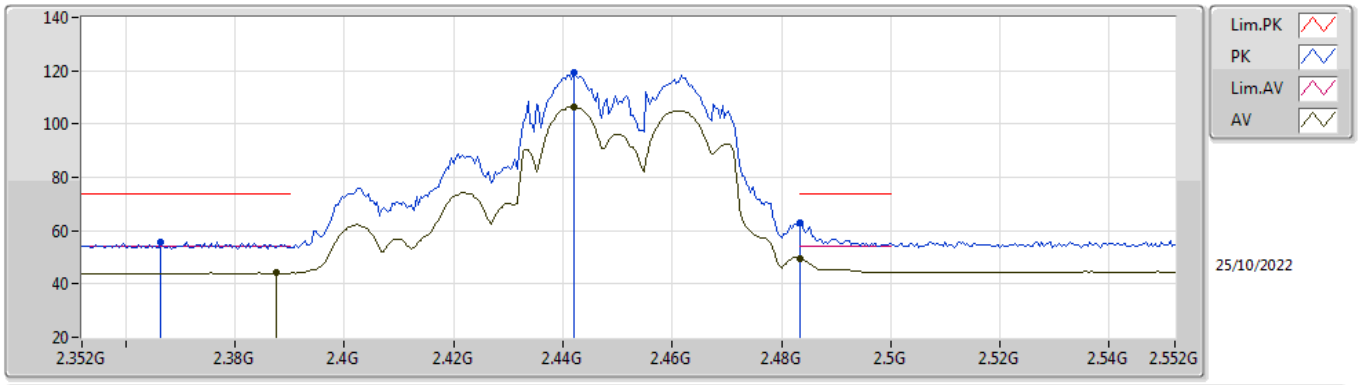


EUT Y_4TX
Setting 22.5
02-F-B-5

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	2.368G	56.48	74.00	-17.52	24.96	3	Vertical	251	1.76	-	28.34	3.18	-
AV	2.3692G	44.19	54.00	-9.81	12.67	3	Vertical	251	1.76	-	28.34	3.18	-
PK	2.456G	124.61	Inf	-Inf	92.96	3	Vertical	251	1.76	-	28.42	3.23	-
AV	2.4564G	112.08	Inf	-Inf	80.42	3	Vertical	251	1.76	-	28.43	3.23	-
PK	2.4876G	66.64	74.00	-7.36	34.85	3	Vertical	251	1.76	-	28.55	3.24	-
AV	2.4835G	52.80	54.00	-1.20	21.03	3	Vertical	251	1.76	-	28.53	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

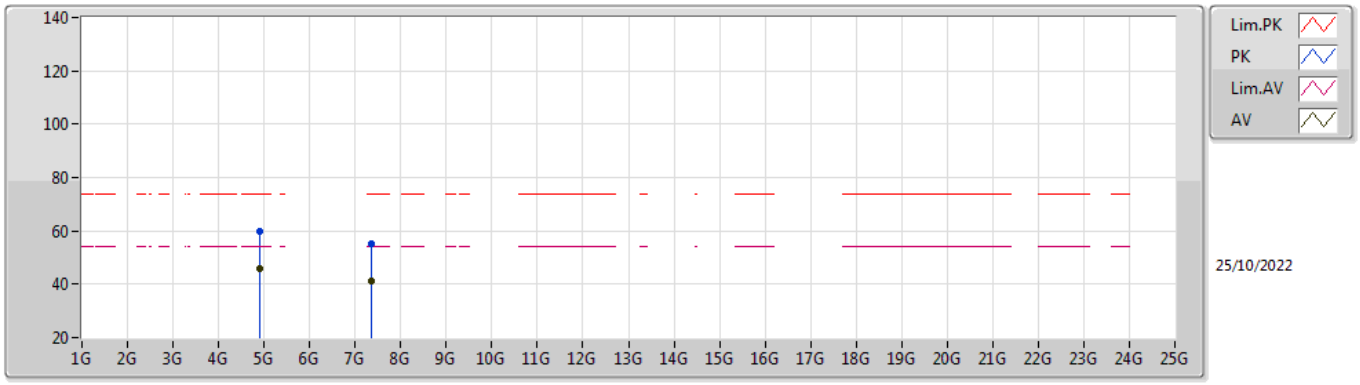


EUT Y_4TX
Setting 22.5
02-F-B-5

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	2.3664G	55.75	74.00	-18.25	24.24	3	Horizontal	76	1.90	-	28.33	3.18	-
AV	2.3876G	44.10	54.00	-9.90	12.53	3	Horizontal	76	1.90	-	28.38	3.19	-
PK	2.442G	119.21	Inf	-Inf	87.59	3	Horizontal	76	1.90	-	28.40	3.22	-
AV	2.442G	106.39	Inf	-Inf	74.77	3	Horizontal	76	1.90	-	28.40	3.22	-
PK	2.4835G	63.18	74.00	-10.82	31.41	3	Horizontal	76	1.90	-	28.53	3.24	-
AV	2.4835G	49.42	54.00	-4.58	17.65	3	Horizontal	76	1.90	-	28.53	3.24	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

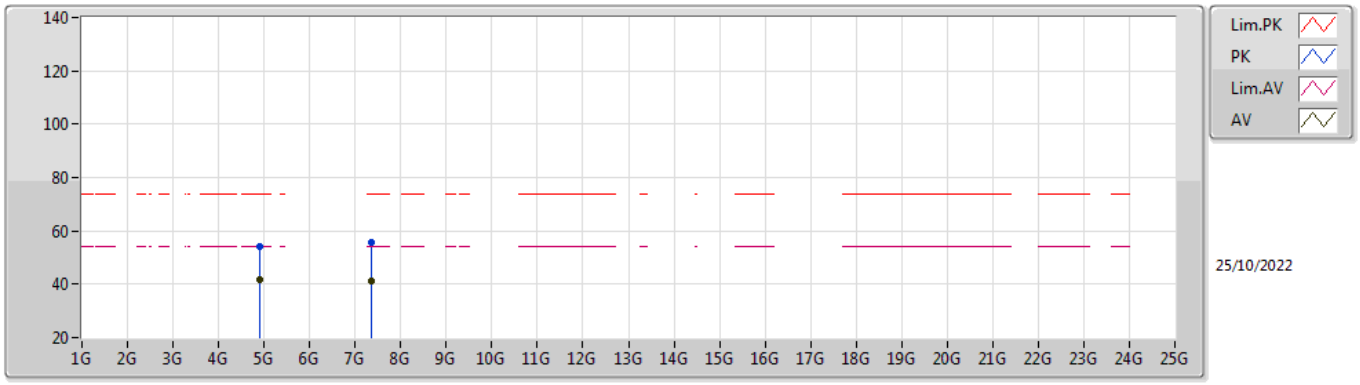


EUT Y_4TX
Setting 22.5
02-F-B-5

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	4.90652G	59.78	74.00	-14.22	51.69	3	Vertical	80	2.03	-	33.21	5.65	30.77
AV	4.90616G	45.71	54.00	-8.29	37.62	3	Vertical	80	2.03	-	33.21	5.65	30.77
PK	7.36416G	55.15	74.00	-18.85	43.78	3	Vertical	70	1.80	-	36.50	6.82	31.95
AV	7.34352G	41.00	54.00	-13.00	29.62	3	Vertical	70	1.80	-	36.49	6.83	31.94

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



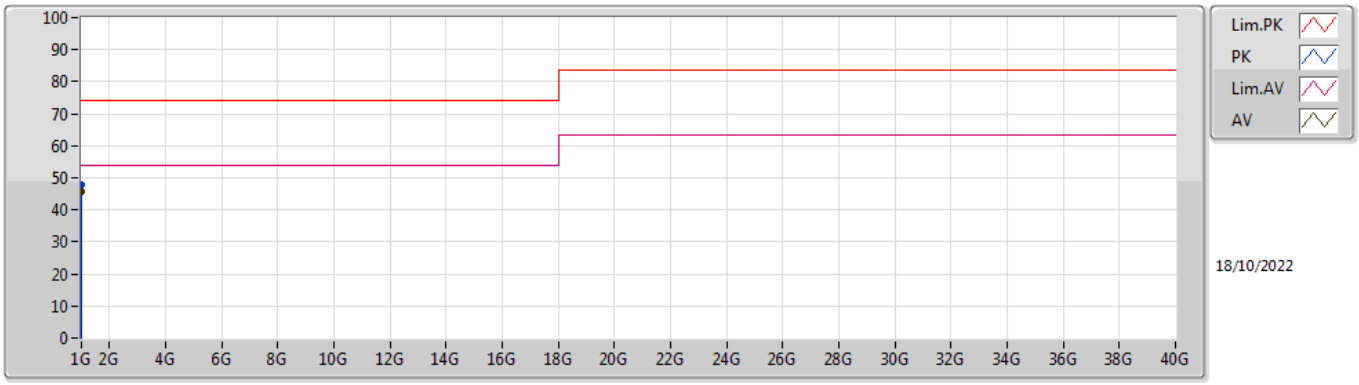
EUT Y_4TX
Setting 22.5
02-F-B-5

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	4.89776G	54.23	74.00	-19.77	46.15	3	Horizontal	57	1.77	-	33.20	5.65	30.77
AV	4.89764G	41.52	54.00	-12.48	33.44	3	Horizontal	57	1.77	-	33.20	5.65	30.77
PK	7.36164G	55.65	74.00	-18.35	44.28	3	Horizontal	45	1.71	-	36.50	6.82	31.95
AV	7.362G	41.04	54.00	-12.96	29.67	3	Horizontal	45	1.71	-	36.50	6.82	31.95

Summary

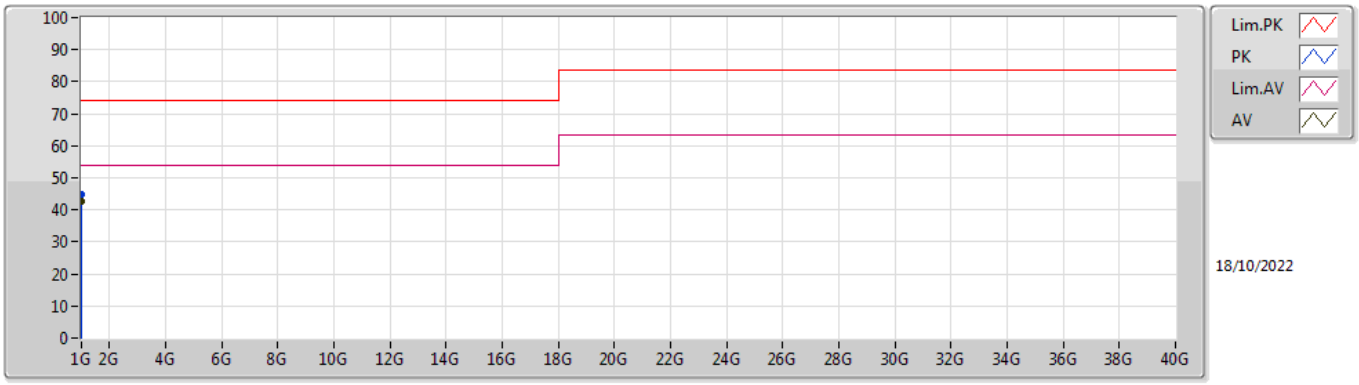
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.01252G	45.84	54.00	-8.16	Vertical

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	1.01244G	47.66	74.00	-26.34	-10.29	3	Vertical	161	1.82	-	57.95	24.55	2.42	37.26
AV	1.01252G	45.84	54.00	-8.16	-10.29	3	Vertical	161	1.82	"Worst"	56.13	24.55	2.42	37.26

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	1.01259G	44.74	74.00	-29.26	-10.29	3	Horizontal	50	1.00	-	55.03	24.55	2.42	37.26
AV	1.0125G	42.65	54.00	-11.35	-10.29	3	Horizontal	50	1.00	"Worst"	52.94	24.55	2.42	37.26