Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTAX6C00
Equipment	:	AX3000 Dual Band WiFi 6 Router
Brand Name	:	ASUS
Model Name	:	RT-AX57 Go
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Aug. 02, 2023, and testing was started from Aug. 04, 2023 and completed on Sep. 08, 2023. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR370338AA	01	Initial issue of report	Sep. 18, 2023

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	-

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Cathy Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 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)	
						2.4GHz	5GHz
1	1	T&W	2.4G PCB ant1	Dipole Antenna	N/A	2.7	-
2	2	T&W	2.4G PCB ant2	Dipole Antenna	N/A	2.5	-
3	1	Be-Comfortable	EmW201b-N	Dipole Antenna	N/A	-	3.5
4	2	T&W	5G PCB ant2	Dipole Antenna	N/A	-	3.6
5	3	Be-Comfortable	EmW201b-N	Dipole Antenna	N/A	-	3.2

Note1: The above information was declared by manufacturer.
Note2: Directional gain information

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

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

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

gj,k =$(Nss1(g1,1) + Nss1(g1,2))^2$

DG = 10 log[$(Nss1(g1,1) + Nss1(g1,2))^2$ / N_{ANT}] => 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / N_{ANT}]

Where ;

2.4G G1= 2.7 dBi ; G2= 2.5 dBi ;DG= 5.61dBi

5G G1= 3.5 dBi ; G2= 3.6 dBi ; G3= 3.2 dBi ;DG= 8.21dBi

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (3TX/3RX)

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.995	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)

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 n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Dos [Ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (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	TH01-CB	Ken Yeh	24.2-24.8 / 58-67	Aug. 11, 2023~ Sep. 06, 2023
Radiated (Below 1GHz)	03CH05-CB	Gordon Hung	22.2-23.3 / 56-59	Aug. 04, 2023~ Sep. 08, 2023
Radiated (Above 1GHz)	03CH02-CB	Gordon Hung	20-21 / 55-58	Aug. 04, 2023~ Sep. 08, 2023
	03CH03-CB	Gordon Hung	22.4-23.5 / 55-58	Aug. 04, 2023~ Sep. 08, 2023
AC Conduction	CO02-CB	Summer Li	22~23 / 50~51	Aug. 22, 2023

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)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	42
2437MHz	41
2462MHz	36
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	36
2417MHz	37
2437MHz	42
2457MHz	38
2462MHz	37
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	32
2417MHz	37
2437MHz	40
2462MHz	36
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	36
2437MHz	38
2452MHz	34

Note:
- Evaluated HEW20/HEW40 mode only, due to 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 beamforming mode has been evaluated to be the worst case, so it was selected to test.

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 1
2	EUT + Adapter 2
For operating mode 2 is the worst case and it was record in this test report.	

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

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

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.: FA370338 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

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 1	KEYU	KA1801A-0902000US	INPUT: 100-240V~50/60Hz, 0.55A Max OUTPUT: 9V, 2000mA
Adapter 2	Ruide	RD0902000-C55-154MG	INPUT: 100-240V~50/60Hz, 1.0A Max OUTPUT: 9V, 2.0A
Others			
RJ-45 cable*1, Non-shielded, 1m			
Base*1			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	1G LAN NB	DELL	E6430	N/A
B	1G WAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	HDD3.0	WD	WDBACY5000AWT	N/A

For Radiated (below 1GHz):

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

For Radiated (above 1GHz) and RF Conducted:
Non-beamforming mode:

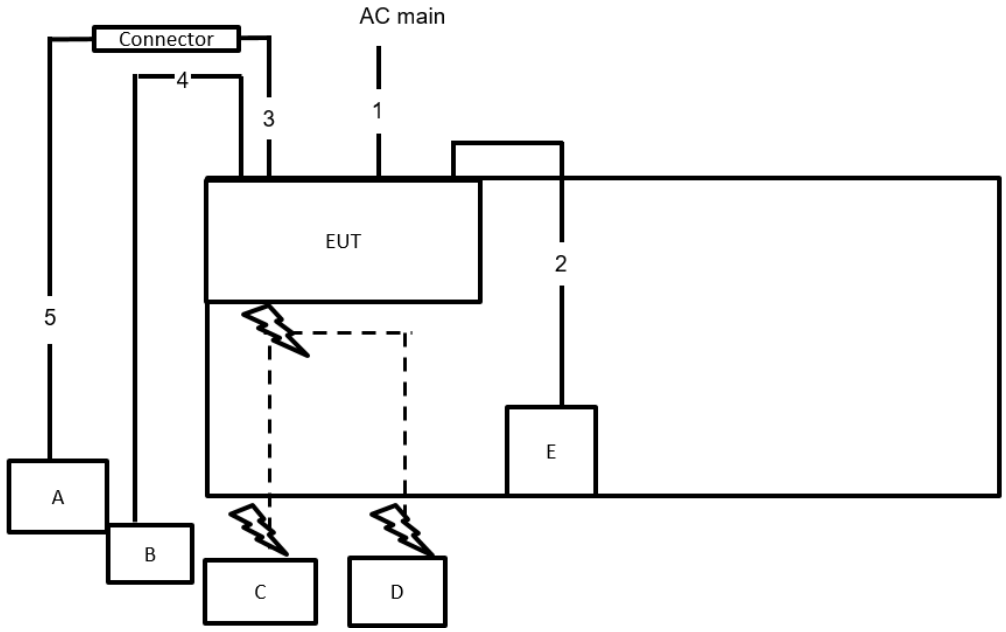
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Client	ASUS	TUF-AX4200	MSQ-RTAX5S00
C	Notebook	DELL	E4300	N/A

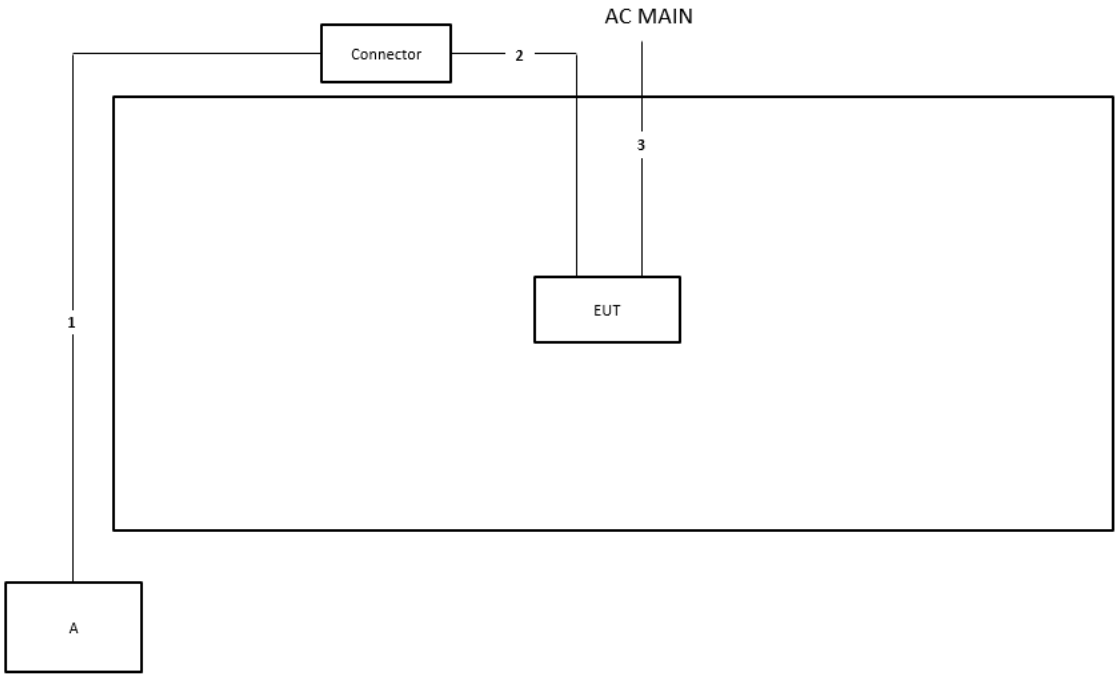
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



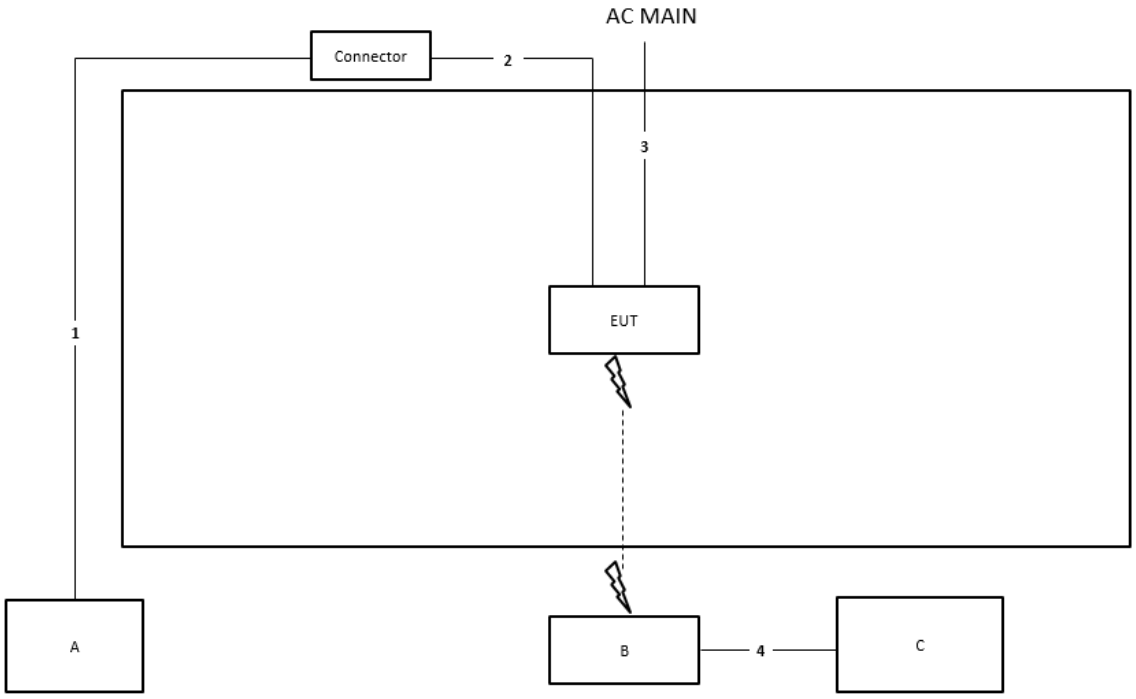
Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	USB cable	Yes	2m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz and Radiated Test > 1GHz_Non-beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1m
3	Power cable	No	1.2m

Test Setup Diagram - Radiated Test > 1GHz_Beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1m
3	Power cable	No	1.2m
4	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

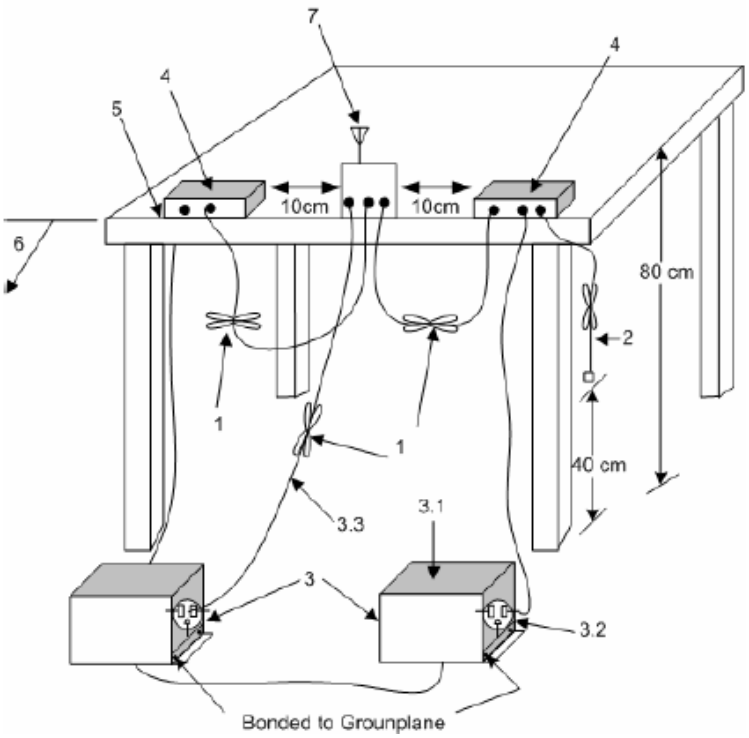
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

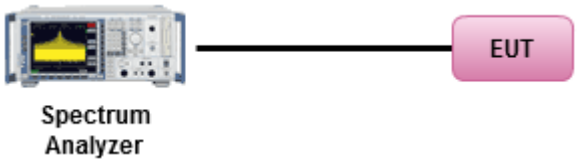
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

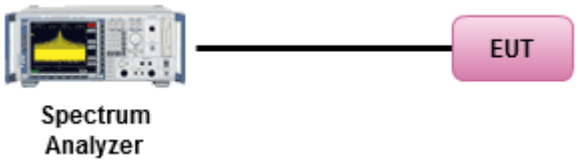
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

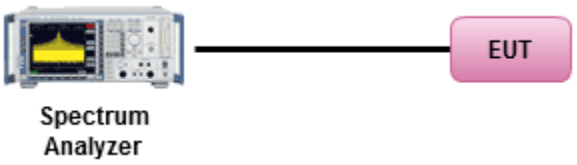
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

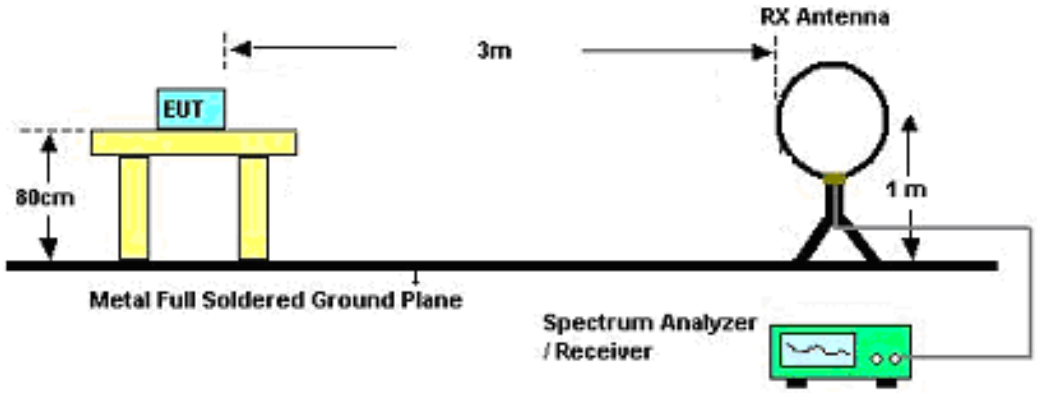
3.6.3 Test Procedures

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

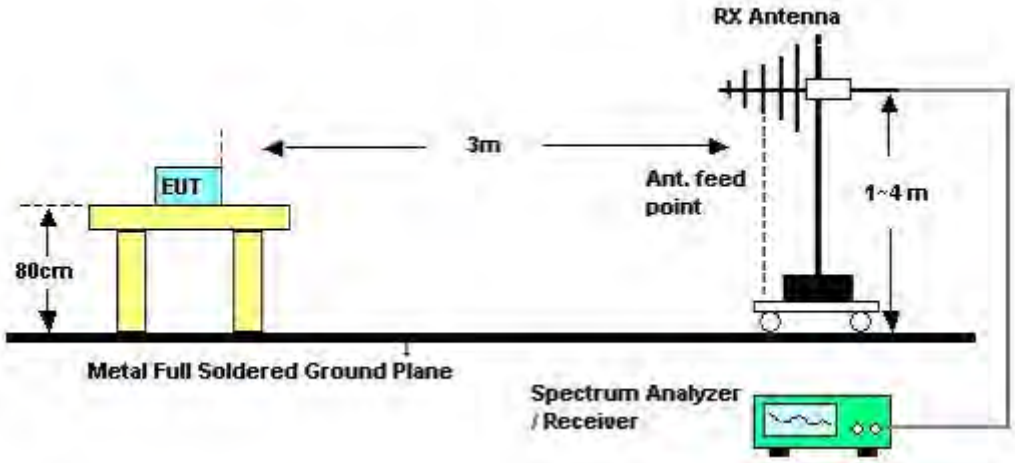
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

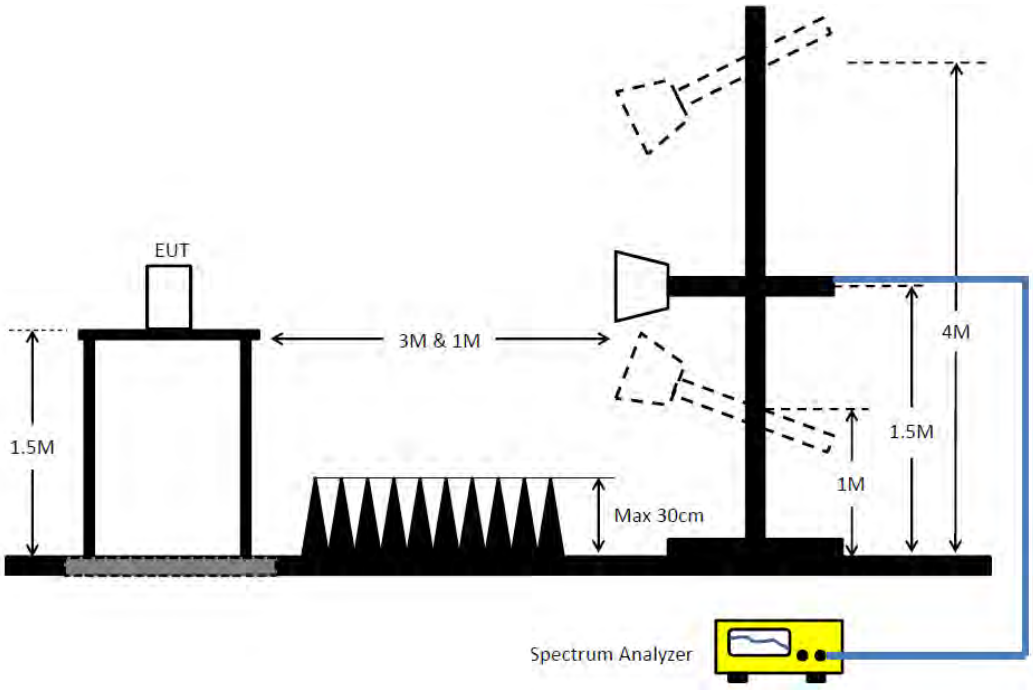
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 20, 2022	Dec. 19, 2023	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Dec. 05, 2022	Dec. 04, 2023	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)

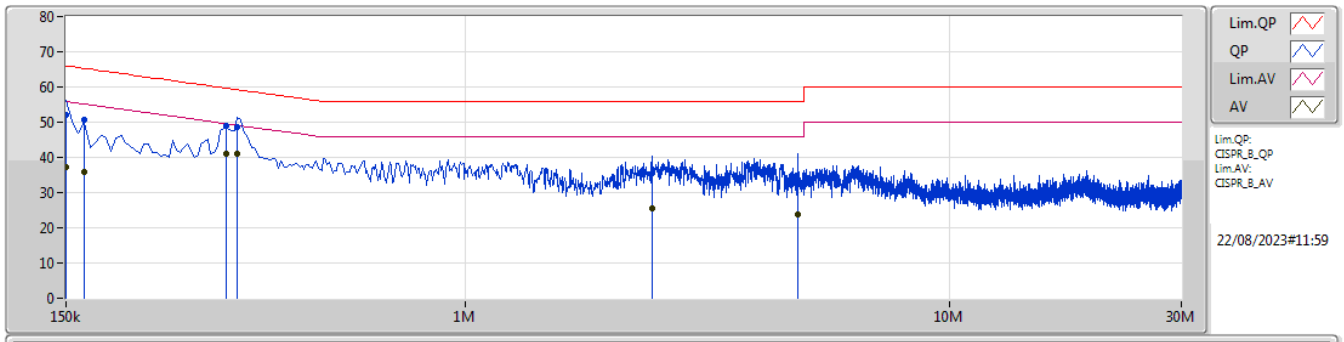
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~18GHz	Feb. 03, 2023	Feb. 02, 2024	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 28, 2023	Jun. 27, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

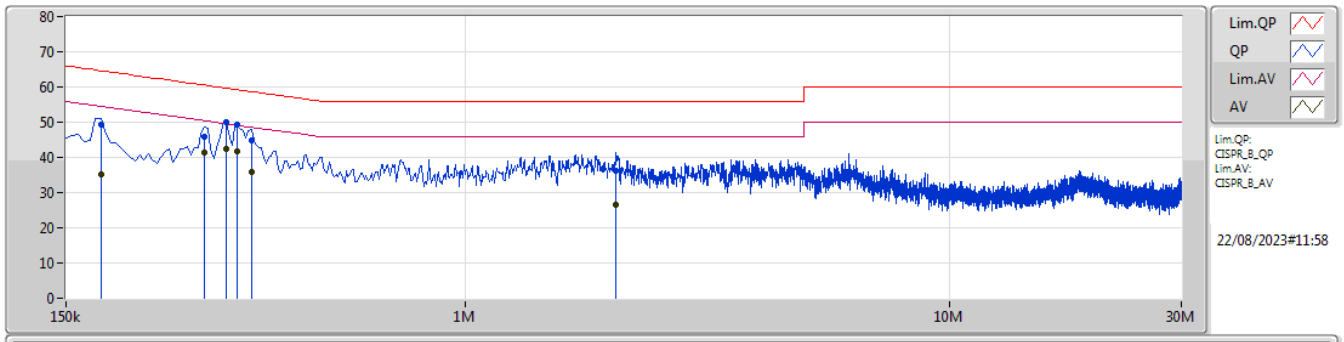
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	321k	42.33	49.67	-7.34	Neutral

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	52.04	66.00	-13.96	10.21	Line	-	41.83	0.04	0.08	10.09
AV	150k	37.15	56.00	-18.85	10.21	Line	-	26.94	0.04	0.08	10.09
QP	163.5k	50.69	65.27	-14.58	10.21	Line	-	40.48	0.04	0.09	10.08
AV	163.5k	36.03	55.27	-19.24	10.21	Line	-	25.82	0.04	0.09	10.08
QP	321k	48.83	59.67	-10.84	10.21	Line	-	38.62	0.04	0.14	10.03
AV	321k	40.96	49.67	-8.71	10.21	Line	-	30.75	0.04	0.14	10.03
QP	339k	48.63	59.23	-10.60	10.20	Line	-	38.43	0.04	0.14	10.02
AV	339k	41.00	49.23	-8.23	10.20	Line	"Worst"	30.80	0.04	0.14	10.02
QP	2.427M	35.66	56.00	-20.34	10.10	Line	-	25.56	0.08	0.19	9.83
AV	2.427M	25.64	46.00	-20.36	10.10	Line	-	15.54	0.08	0.19	9.83
QP	4.848M	33.27	56.00	-22.73	10.18	Line	-	23.09	0.12	0.20	9.86
AV	4.848M	23.91	46.00	-22.09	10.18	Line	-	13.73	0.12	0.20	9.86

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	49.40	64.62	-15.22	10.22	Neutral	-	39.18	0.05	0.10	10.07
AV	177k	35.16	54.62	-19.46	10.22	Neutral	-	24.94	0.05	0.10	10.07
QP	289.5k	45.90	60.53	-14.63	10.21	Neutral	-	35.69	0.05	0.13	10.03
AV	289.5k	41.23	50.53	-9.30	10.21	Neutral	-	31.02	0.05	0.13	10.03
QP	321k	50.07	59.67	-9.60	10.22	Neutral	-	39.85	0.05	0.14	10.03
AV	321k	42.33	49.67	-7.34	10.22	Neutral	"Worst"	32.11	0.05	0.14	10.03
QP	339k	49.42	59.23	-9.81	10.21	Neutral	-	39.21	0.05	0.14	10.02
AV	339k	41.65	49.23	-7.58	10.21	Neutral	-	31.44	0.05	0.14	10.02
QP	361.5k	44.79	58.70	-13.91	10.21	Neutral	-	34.58	0.05	0.14	10.02
AV	361.5k	35.96	48.70	-12.74	10.21	Neutral	-	25.75	0.05	0.14	10.02
QP	2.04M	36.12	56.00	-19.88	10.10	Neutral	-	26.02	0.08	0.19	9.83
AV	2.04M	26.71	46.00	-19.29	10.10	Neutral	-	16.61	0.08	0.19	9.83

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.525M	12.744M	12M7G1D	7.525M	12.444M
802.11g_Nss1,(6Mbps)_2TX	16.325M	18.427M	18M4D1D	15.675M	16.668M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.925M	19.265M	19M3D1D	18.85M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.9M	37.781M	37M8D1D	37.35M	37.731M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

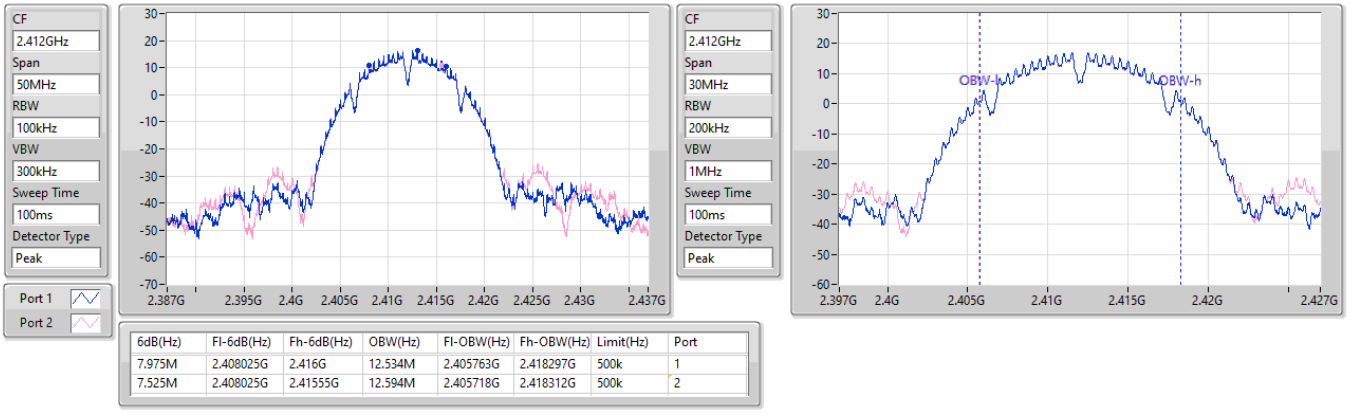
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.975M	12.534M	7.525M	12.594M
2437MHz	Pass	500k	8.525M	12.444M	7.975M	12.549M
2462MHz	Pass	500k	8.025M	12.579M	8M	12.744M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.8M	16.3M	16.668M
2437MHz	Pass	500k	15.675M	17.921M	16.275M	18.427M
2462MHz	Pass	500k	16.325M	16.734M	16.275M	16.712M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.925M	18.866M	18.875M	18.891M
2437MHz	Pass	500k	18.875M	19.265M	18.9M	19.215M
2462MHz	Pass	500k	18.875M	19.04M	18.85M	19.065M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.8M	37.781M	37.85M	37.781M
2437MHz	Pass	500k	37.9M	37.781M	37.35M	37.731M
2452MHz	Pass	500k	37.7M	37.781M	37.65M	37.781M

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)_2TX **EBW**

2412MHz

05/09/2023

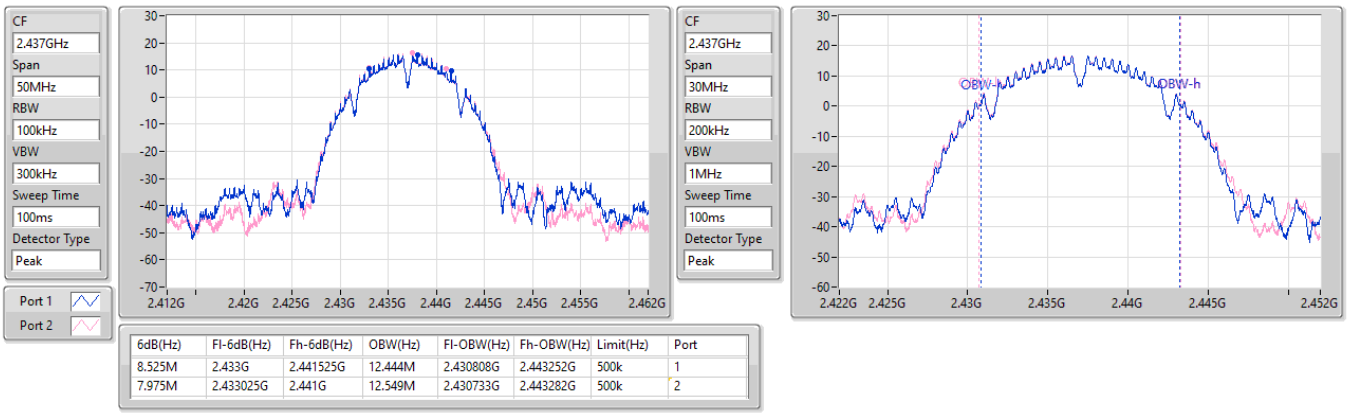


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.975M	2.408025G	2.416G	12.534M	2.405763G	2.418297G	500k	1
7.525M	2.408025G	2.41555G	12.594M	2.405718G	2.418312G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

2437MHz

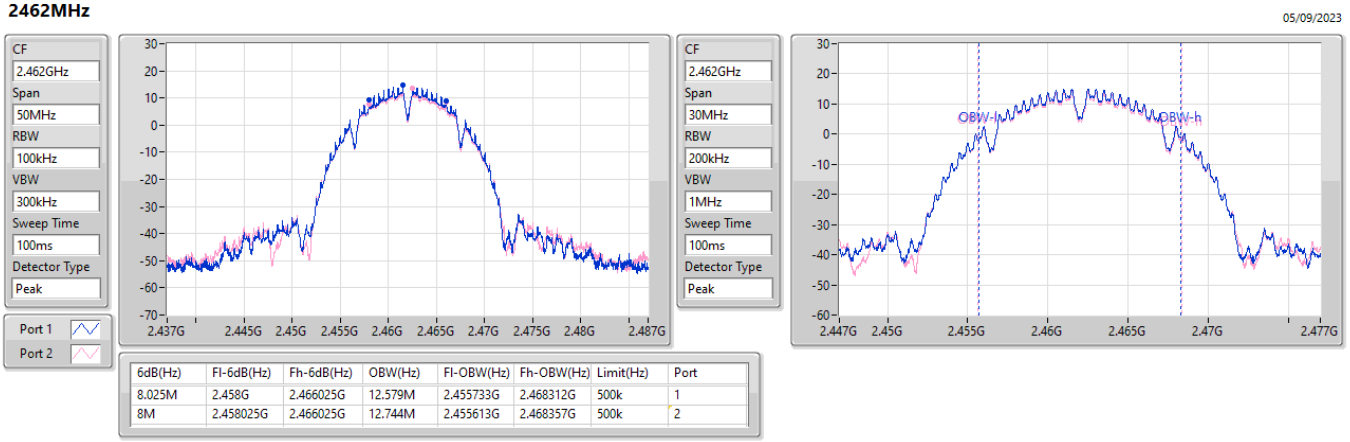
05/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.433G	2.441525G	12.444M	2.430808G	2.443252G	500k	1
7.975M	2.433025G	2.441G	12.549M	2.430733G	2.443282G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

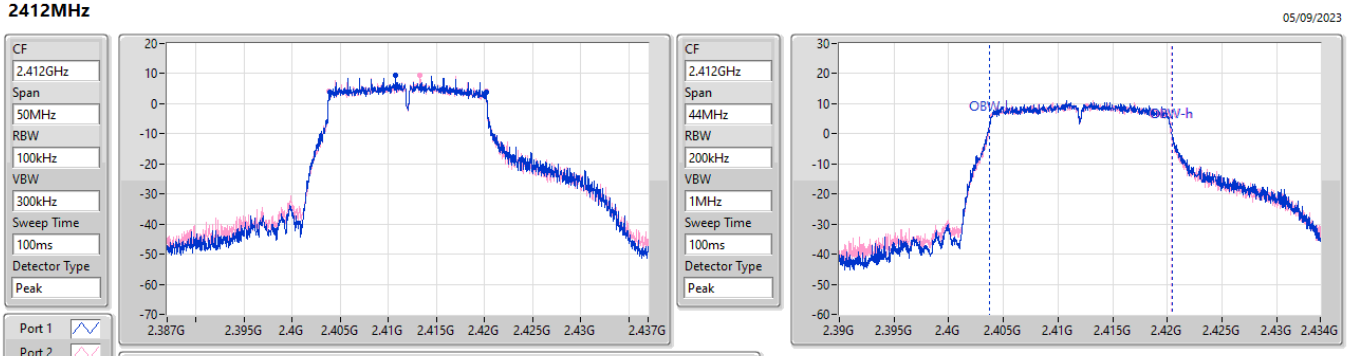
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.458G	2.466025G	12.579M	2.455733G	2.468312G	500k	1
8M	2.458025G	2.466025G	12.744M	2.455613G	2.468357G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2412MHz

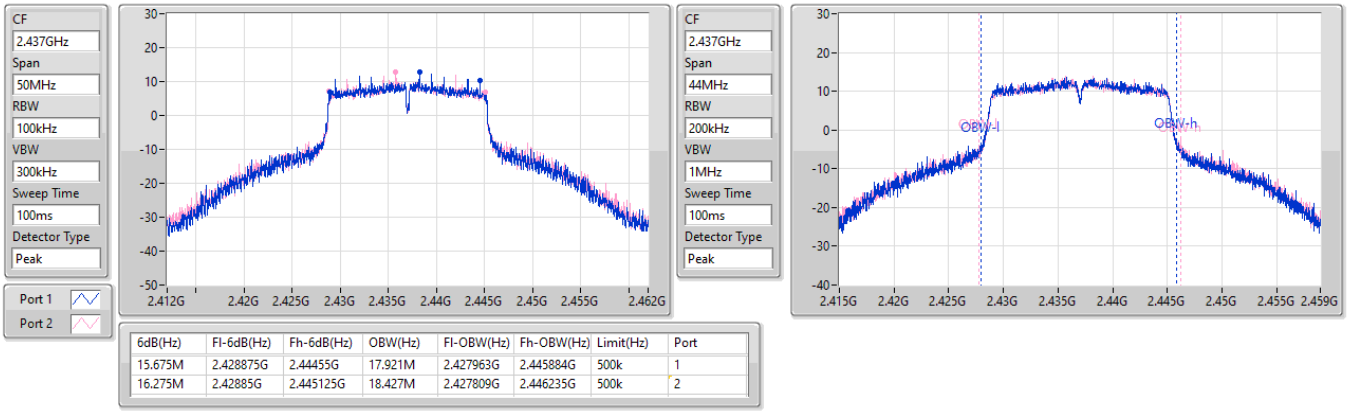


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.403875G	2.42015G	16.8M	2.403688G	2.420488G	500k	1
16.3M	2.40385G	2.42015G	16.668M	2.403732G	2.4204G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2437MHz

05/09/2023

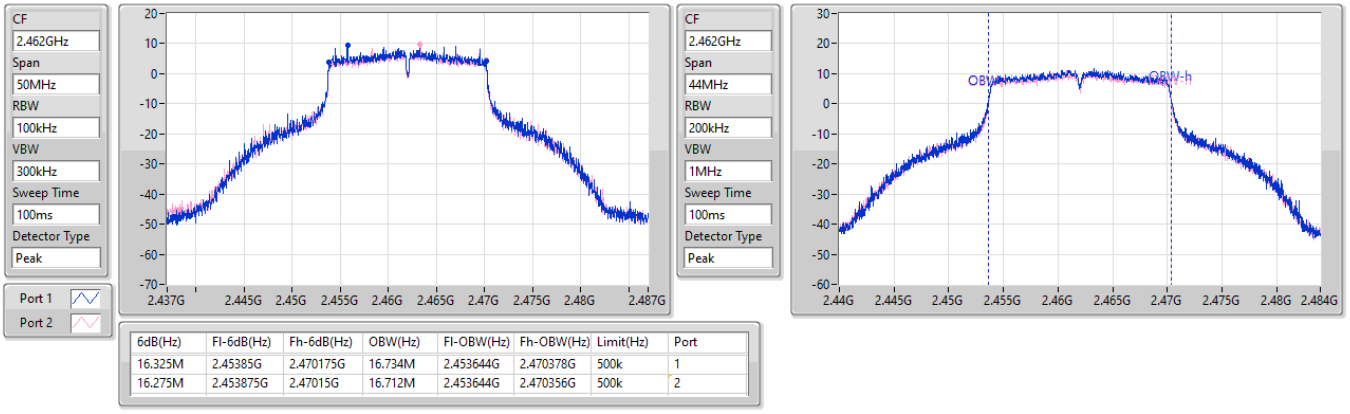


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	2.428875G	2.44455G	17.921M	2.427963G	2.445884G	500k	1
16.275M	2.42885G	2.445125G	18.427M	2.427809G	2.446235G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

2462MHz

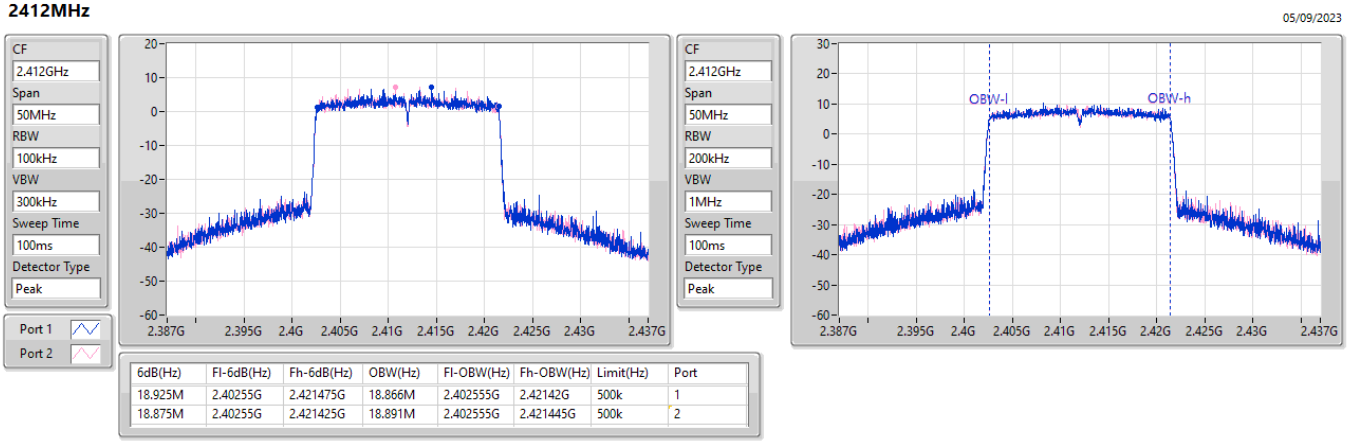
05/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.734M	2.453644G	2.470378G	500k	1
16.275M	2.453875G	2.47015G	16.712M	2.453644G	2.470356G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

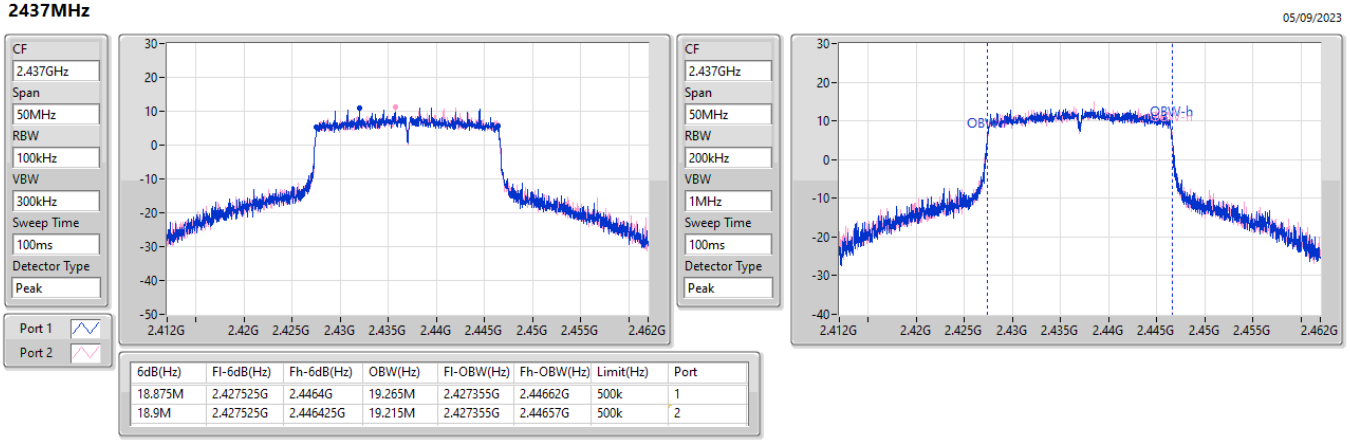
2412MHz



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	18.866M	2.402555G	2.42142G	500k	1
18.875M	2.40255G	2.421425G	18.891M	2.402555G	2.421445G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

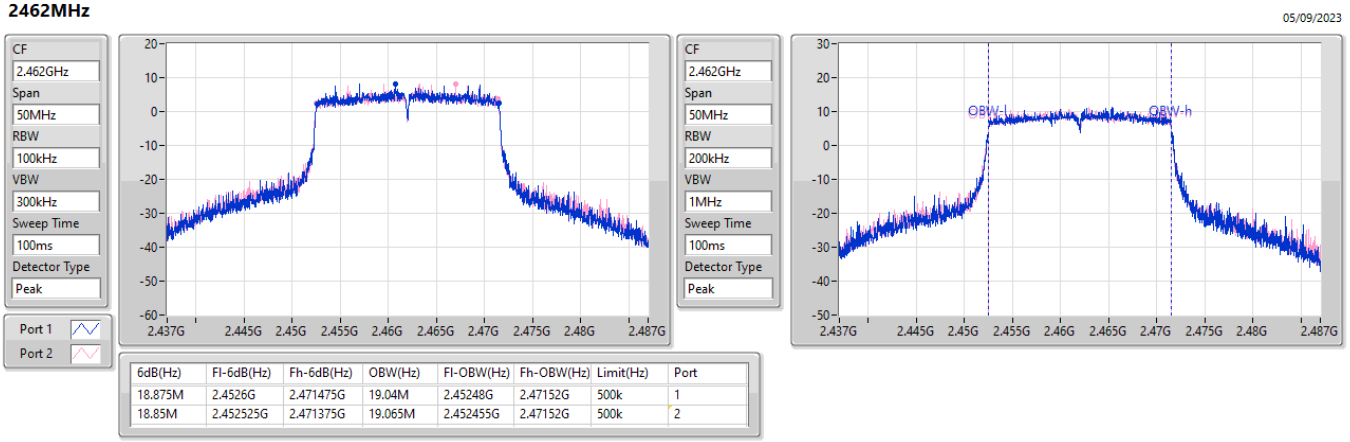
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.427525G	2.4464G	19.265M	2.427355G	2.44662G	500k	1
18.9M	2.427525G	2.446425G	19.215M	2.427355G	2.44657G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **EBW**

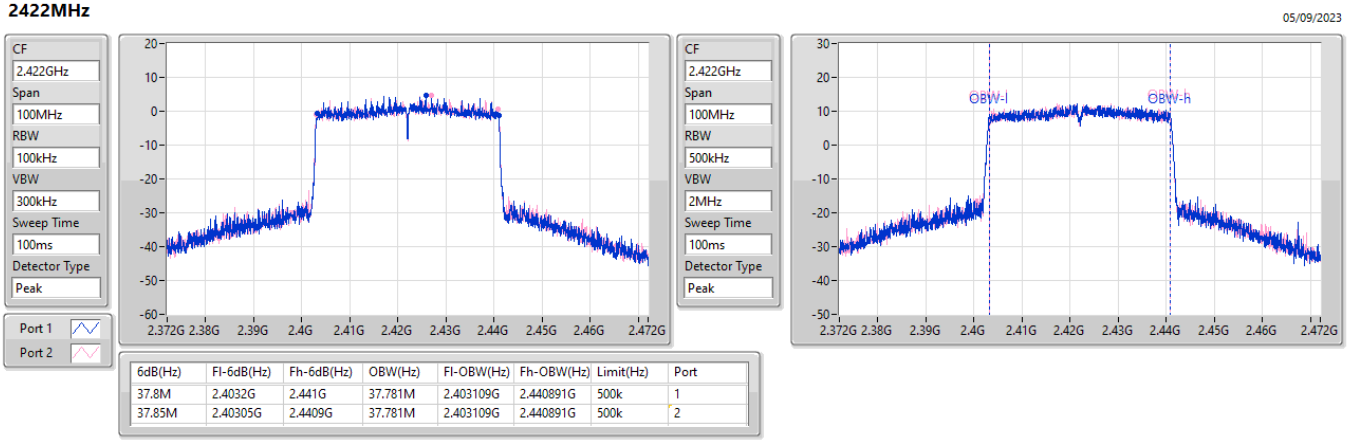
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.4526G	2.471475G	19.04M	2.45248G	2.47152G	500k	1
18.85M	2.452525G	2.471375G	19.065M	2.452455G	2.47152G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2422MHz

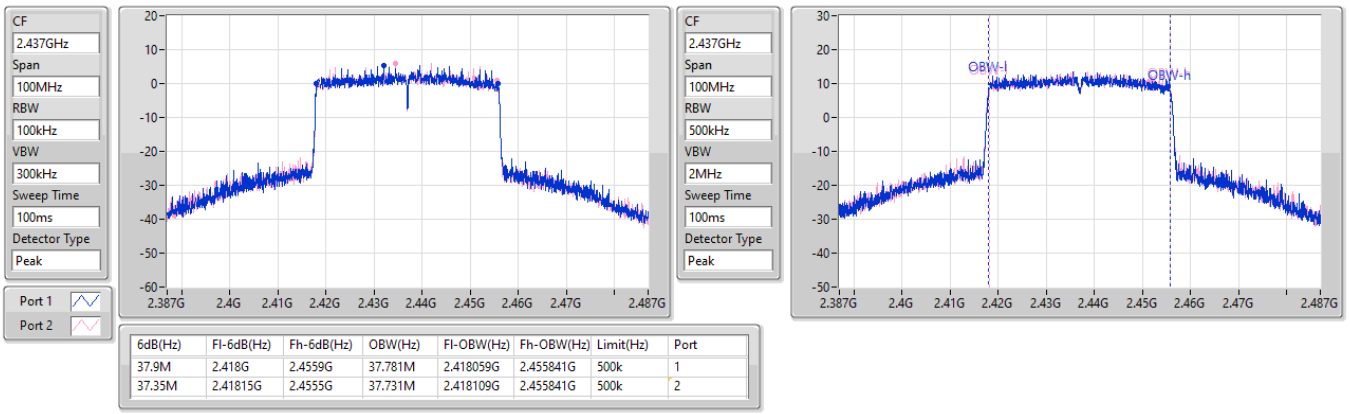


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4032G	2.441G	37.781M	2.403109G	2.440891G	500k	1
37.85M	2.40305G	2.4409G	37.781M	2.403109G	2.440891G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2437MHz

05/09/2023

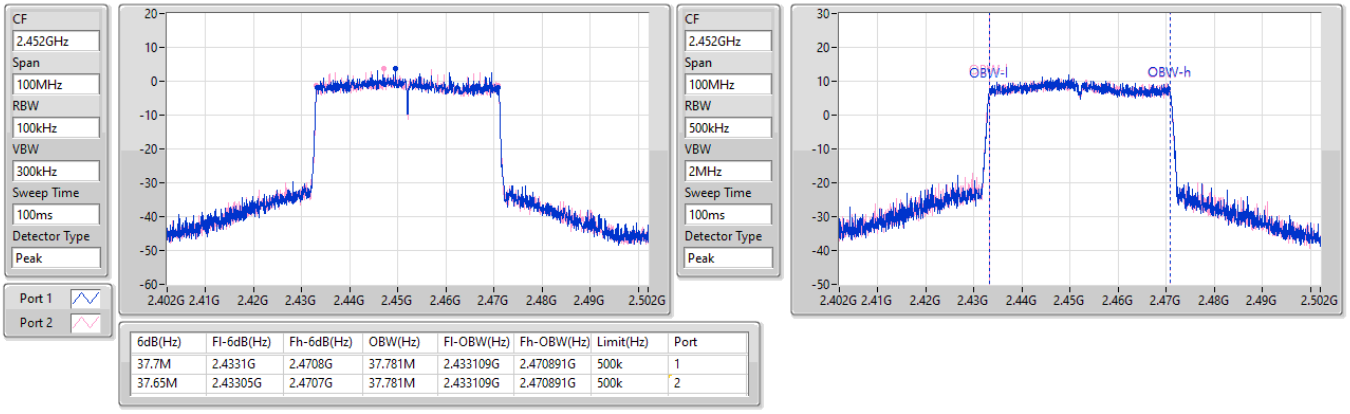


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.418G	2.4559G	37.781M	2.418059G	2.455841G	500k	1
37.35M	2.41815G	2.4555G	37.731M	2.418109G	2.455841G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **EBW**

2452MHz

05/09/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.4331G	2.4708G	37.781M	2.433109G	2.470891G	500k	1
37.65M	2.43305G	2.4707G	37.781M	2.433109G	2.470891G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.12	0.51523
802.11g_Nss1,(6Mbps)_2TX	25.68	0.36983
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.18	0.32961
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.99	0.19907

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	24.07	24.15	27.12	30.00
2437MHz	Pass	2.70	23.60	23.56	26.59	30.00
2462MHz	Pass	2.70	22.28	21.51	24.92	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	19.99	20.07	23.04	30.00
2417MHz	Pass	2.70	20.48	20.59	23.55	30.00
2437MHz	Pass	2.70	22.58	22.75	25.68	30.00
2462MHz	Pass	2.70	20.52	20.06	23.31	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.61	18.44	18.36	21.41	30.00
2417MHz	Pass	5.61	20.78	20.70	23.75	30.00
2437MHz	Pass	5.61	22.19	22.14	25.18	30.00
2462MHz	Pass	5.61	19.67	19.75	22.72	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.61	19.07	19.03	22.06	30.00
2437MHz	Pass	5.61	19.94	20.02	22.99	30.00
2452MHz	Pass	5.61	17.82	17.79	20.82	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	3.44
802.11g_Nss1,(6Mbps)_2TX	-0.19
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-1.83
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-8.14

RBW = 3kHz;

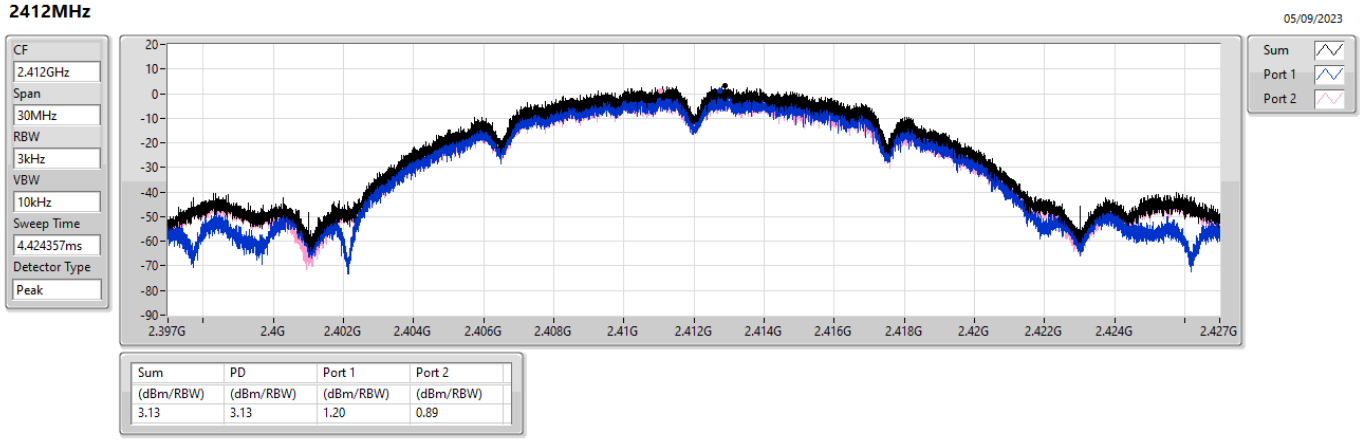
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.61	1.20	0.89	3.13	8.00
2437MHz	Pass	5.61	1.18	1.42	3.44	8.00
2462MHz	Pass	5.61	-0.98	-0.85	1.14	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.61	-4.21	-4.92	-2.79	8.00
2437MHz	Pass	5.61	-1.92	-2.10	-0.19	8.00
2462MHz	Pass	5.61	-4.04	-4.73	-2.64	8.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.61	-7.37	-8.51	-6.38	8.00
2437MHz	Pass	5.61	-3.71	-4.01	-1.83	8.00
2462MHz	Pass	5.61	-5.78	-6.19	-5.20	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.61	-9.86	-10.58	-8.57	8.00
2437MHz	Pass	5.61	-9.59	-9.43	-8.14	8.00
2452MHz	Pass	5.61	-12.07	-11.52	-9.00	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)_2TX **PSD**

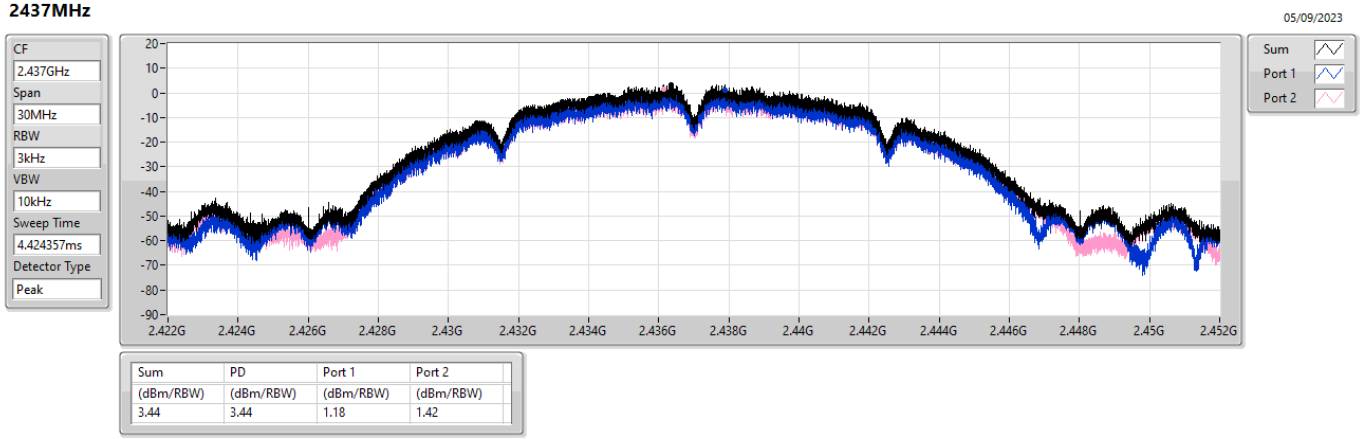
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	1.20	0.89

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

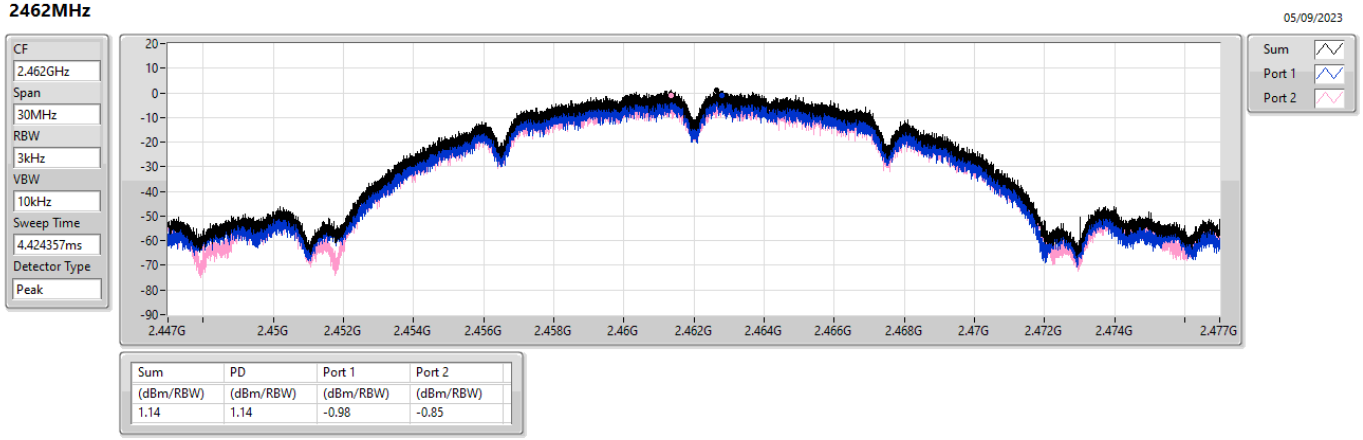
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	1.18	1.42

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

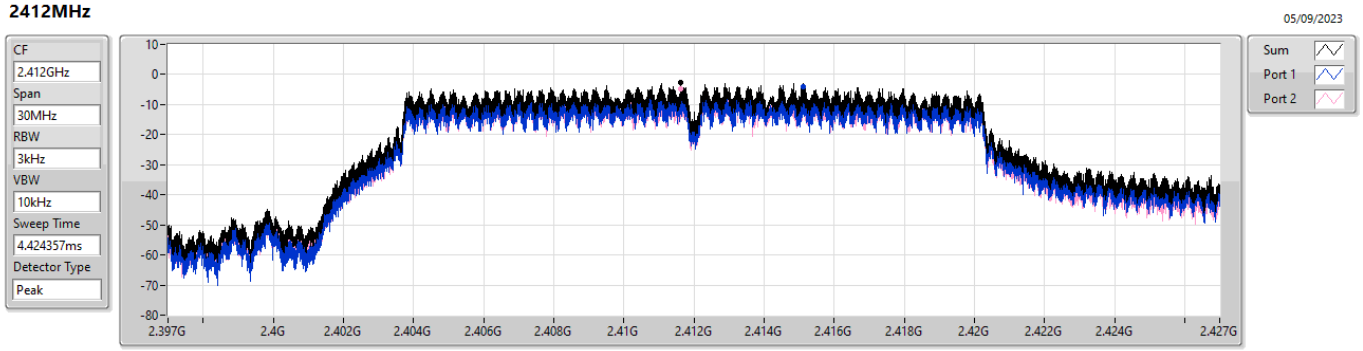
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.14	1.14	-0.98	-0.85

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

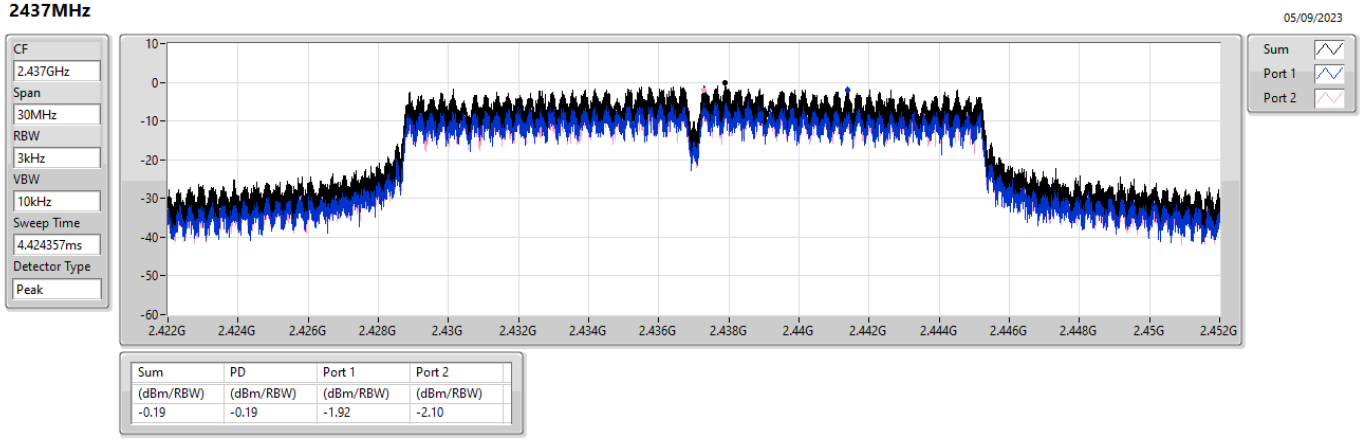
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-4.21	-4.92

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

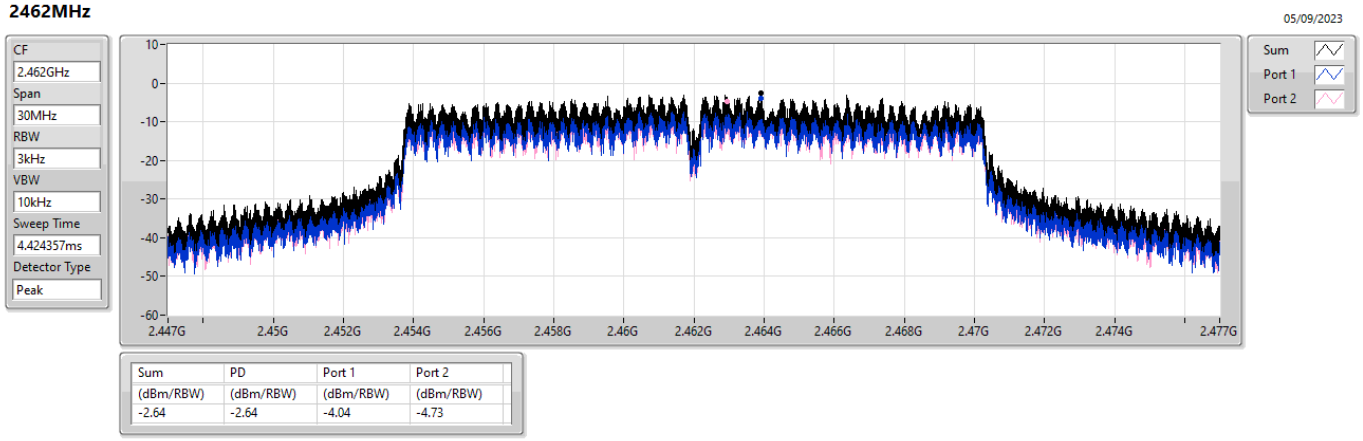
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-1.92	-2.10

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

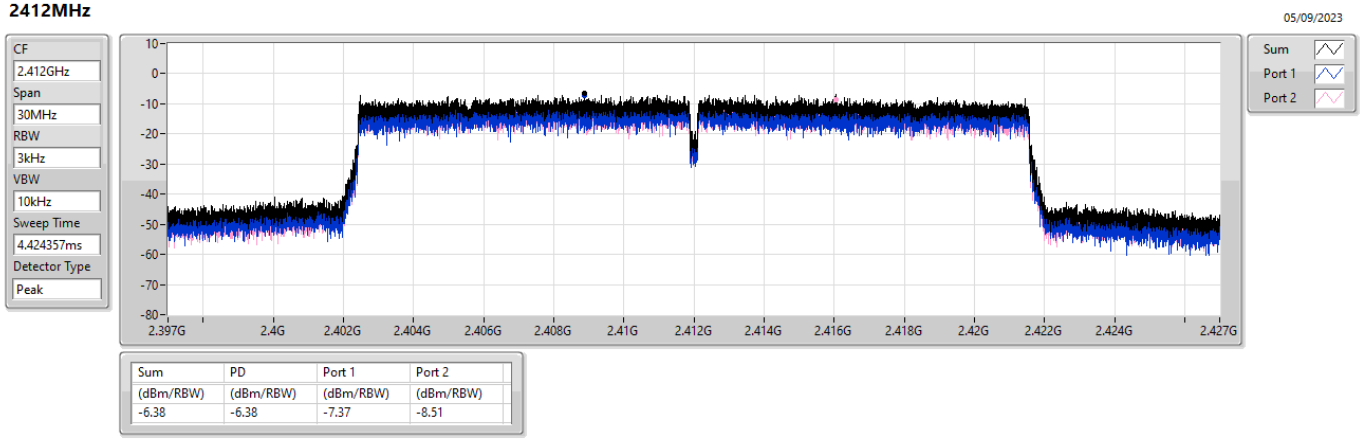
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.64	-2.64	-4.04	-4.73

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

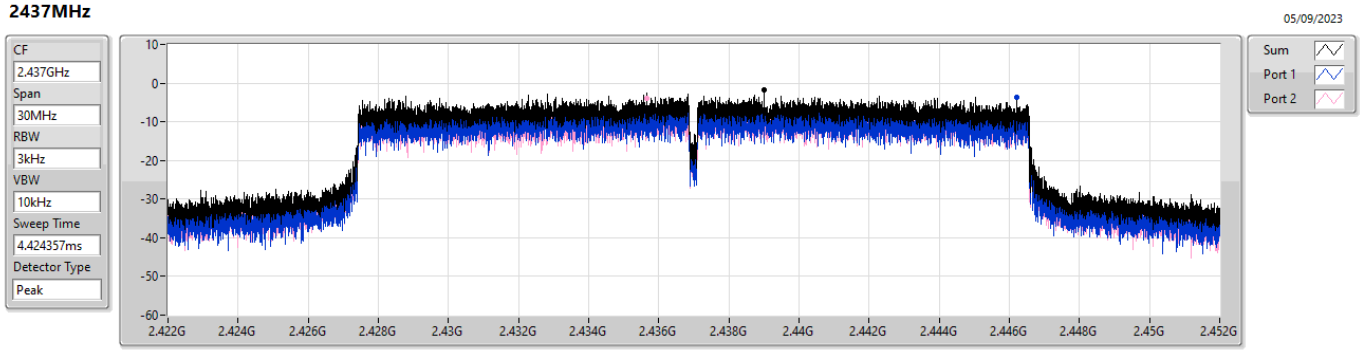
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.38	-6.38	-7.37	-8.51

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

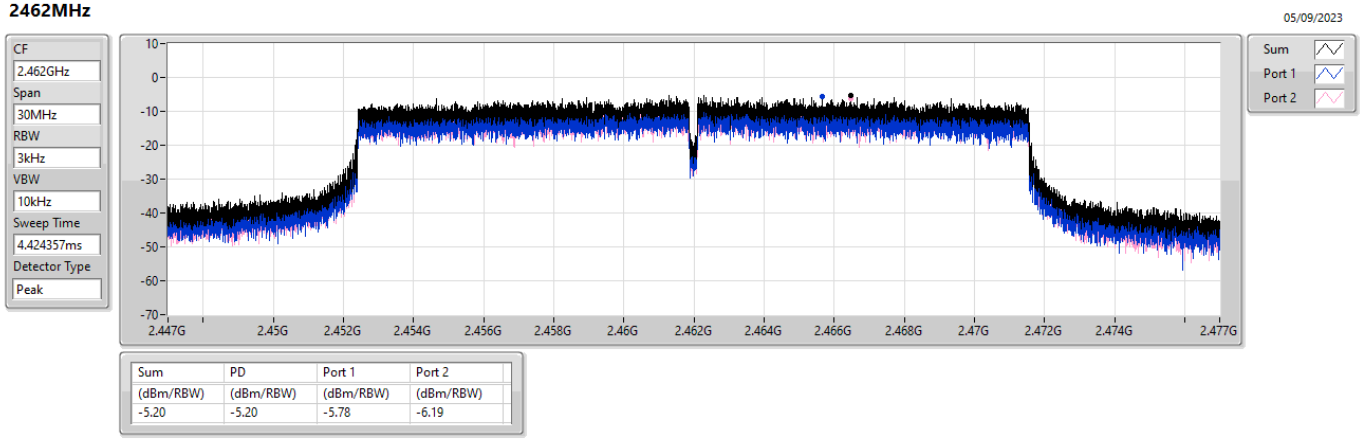
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-3.71	-4.01

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

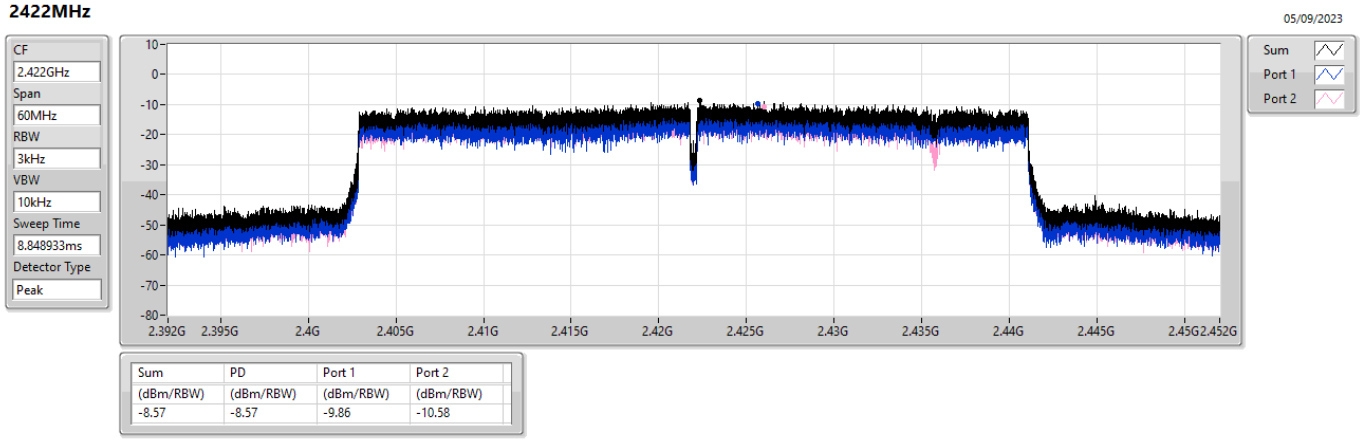
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.20	-5.20	-5.78	-6.19

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

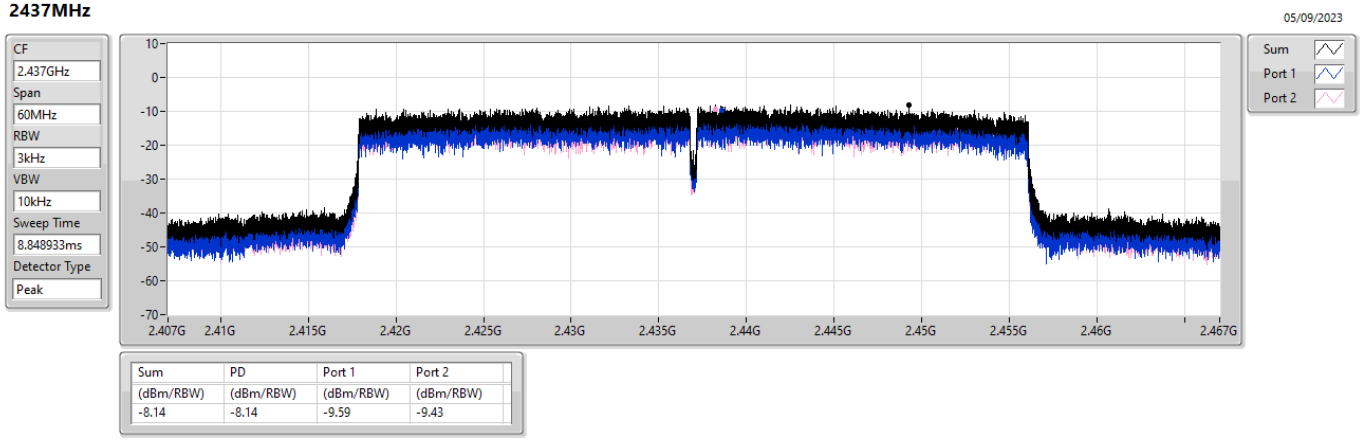
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.57	-8.57	-9.86	-10.58

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

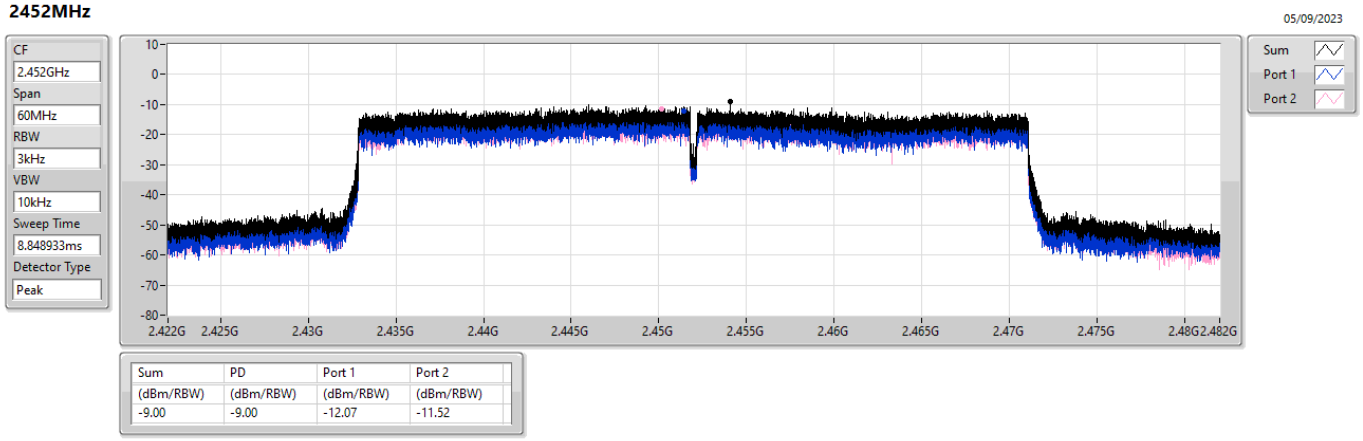
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.14	-8.14	-9.59	-9.43

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.00	-9.00	-12.07	-11.52

Summary

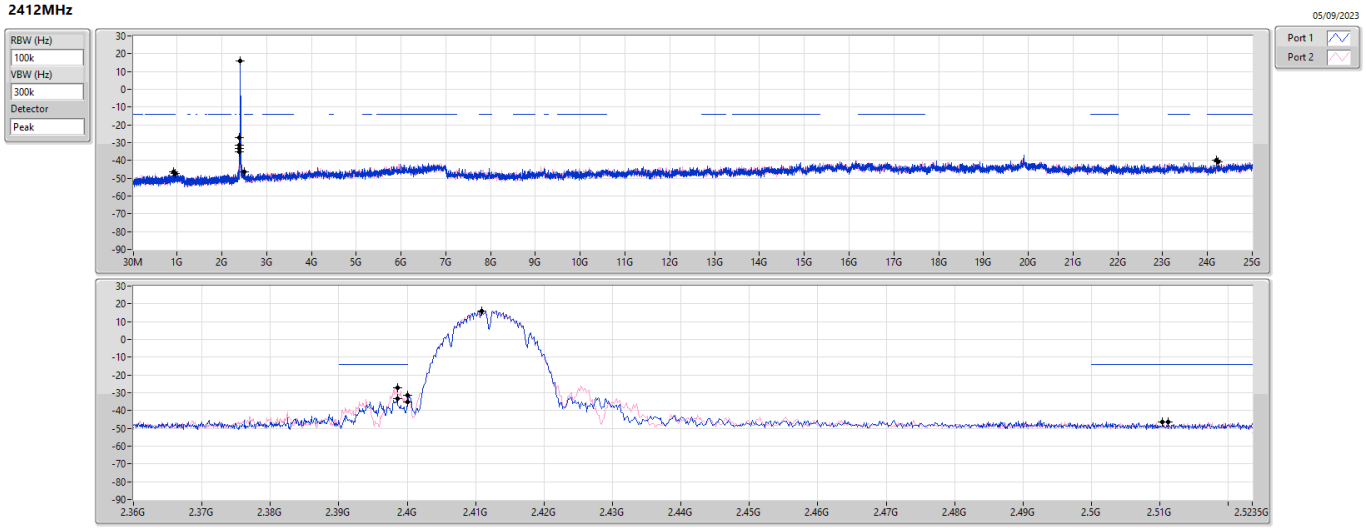
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41086G	16.04	-13.96	957.34M	-47.37	2.39856G	-27.17	2.4G	-31.29	2.51118G	-46.39	24.23299G	-40.75	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	12.67	-17.33	916.57M	-46.07	2.39976G	-31.90	2.4G	-33.51	2.50326G	-45.82	16.42802G	-40.49	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.44192G	11.05	-18.95	1.95109G	-47.73	2.39952G	-24.70	2.4G	-26.69	2.51902G	-46.17	16.44207G	-39.38	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.4344G	5.95	-24.05	934.55M	-47.52	2.39952G	-26.20	2.4G	-27.88	2.50158G	-39.30	14.53337G	-41.08	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41086G	16.04	-13.96	914.24M	-46.58	2.39856G	-33.44	2.4G	-34.99	2.51038G	-46.50	24.19647G	-39.73	1
2412MHz	Pass	2.41086G	16.04	-13.96	957.34M	-47.37	2.39856G	-27.17	2.4G	-31.29	2.51118G	-46.39	24.23299G	-40.75	2
2437MHz	Pass	2.41086G	16.04	-13.96	955.01M	-47.71	2.39304G	-44.92	2.4G	-47.50	2.50478G	-45.94	24.882G	-39.91	1
2437MHz	Pass	2.41086G	16.04	-13.96	1.79614G	-47.41	2.396G	-45.73	2.4G	-48.35	2.50086G	-46.13	16.44488G	-39.43	2
2462MHz	Pass	2.41086G	16.04	-13.96	2.09555G	-47.40	2.39408G	-47.26	2.4G	-48.48	2.50062G	-46.07	24.93257G	-40.60	1
2462MHz	Pass	2.41086G	16.04	-13.96	904.92M	-47.75	2.3936G	-46.81	2.4G	-47.52	2.50806G	-45.66	16.44769G	-40.51	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.67	-17.33	2.30991G	-47.17	2.39992G	-33.72	2.4G	-36.42	2.50566G	-46.35	16.75955G	-40.01	1
2412MHz	Pass	2.43574G	12.67	-17.33	916.57M	-46.07	2.39976G	-31.90	2.4G	-33.51	2.50326G	-45.82	16.42802G	-40.49	2
2437MHz	Pass	2.43574G	12.67	-17.33	869.97M	-46.60	2.39944G	-36.34	2.4G	-37.17	2.50726G	-45.06	16.88036G	-39.86	1
2437MHz	Pass	2.43574G	12.67	-17.33	796.57M	-47.50	2.398G	-35.66	2.4G	-35.85	2.51654G	-44.26	24.91009G	-40.18	2
2462MHz	Pass	2.43574G	12.67	-17.33	2.30059G	-47.30	2.39312G	-45.37	2.4G	-47.58	2.50702G	-45.11	24.92976G	-40.83	1
2462MHz	Pass	2.43574G	12.67	-17.33	2.10254G	-46.84	2.39768G	-45.85	2.4G	-46.80	2.5199G	-44.29	6.9008G	-40.24	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	11.05	-18.95	711.53M	-47.45	2.39816G	-25.45	2.4G	-28.25	2.50542G	-45.48	16.21169G	-40.75	1
2412MHz	Pass	2.44192G	11.05	-18.95	1.95109G	-47.73	2.39952G	-24.70	2.4G	-26.69	2.51902G	-46.17	16.44207G	-39.38	2
2437MHz	Pass	2.44192G	11.05	-18.95	1.87886G	-47.38	2.39648G	-36.98	2.4G	-37.87	2.5035G	-43.70	15.33791G	-40.79	1
2437MHz	Pass	2.44192G	11.05	-18.95	946.86M	-46.24	2.39328G	-36.47	2.4G	-38.32	2.50574G	-42.69	24.85109G	-40.81	2
2462MHz	Pass	2.44192G	11.05	-18.95	943.36M	-47.23	2.39952G	-44.23	2.4G	-46.70	2.50198G	-41.37	24.89886G	-41.18	1
2462MHz	Pass	2.44192G	11.05	-18.95	2.17593G	-47.53	2.39848G	-45.99	2.4G	-47.35	2.50078G	-41.56	16.41679G	-40.79	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4344G	5.95	-24.05	444.49M	-47.48	2.3968G	-28.28	2.4G	-28.61	2.50542G	-44.52	16.87799G	-39.97	1
2422MHz	Pass	2.4344G	5.95	-24.05	2.19176G	-46.12	2.39856G	-27.45	2.4G	-28.45	2.50222G	-43.79	14.87833G	-40.50	2
2437MHz	Pass	2.4344G	5.95	-24.05	2.13337G	-47.18	2.39952G	-26.76	2.4G	-27.80	2.50366G	-39.98	16.81068G	-40.88	1
2437MHz	Pass	2.4344G	5.95	-24.05	934.55M	-47.52	2.39952G	-26.20	2.4G	-27.88	2.50158G	-39.30	14.53337G	-41.08	2
2452MHz	Pass	2.4344G	5.95	-24.05	894.48M	-47.10	2.39856G	-41.25	2.4G	-44.18	2.50254G	-41.95	24.5709G	-41.05	1
2452MHz	Pass	2.4344G	5.95	-24.05	2.08871G	-47.49	2.39872G	-42.09	2.4G	-42.41	2.50638G	-42.49	16.44889G	-40.72	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

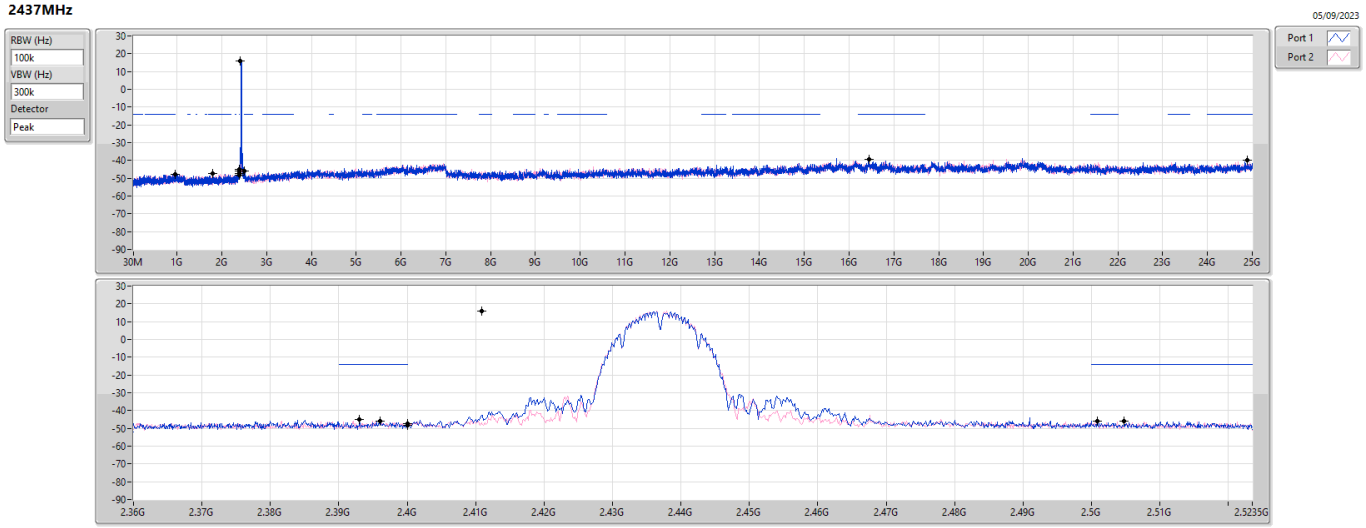
2412MHz



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
2.41086G	16.04	-13.96	914.24M	-46.58	2.39856G	-33.44	2.4G	-34.99	2.51038G	-46.50	24.19647G	-39.73	1
2.41086G	16.04	-13.96	957.34M	-47.37	2.39856G	-27.17	2.4G	-31.29	2.51118G	-46.39	24.23299G	-40.75	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

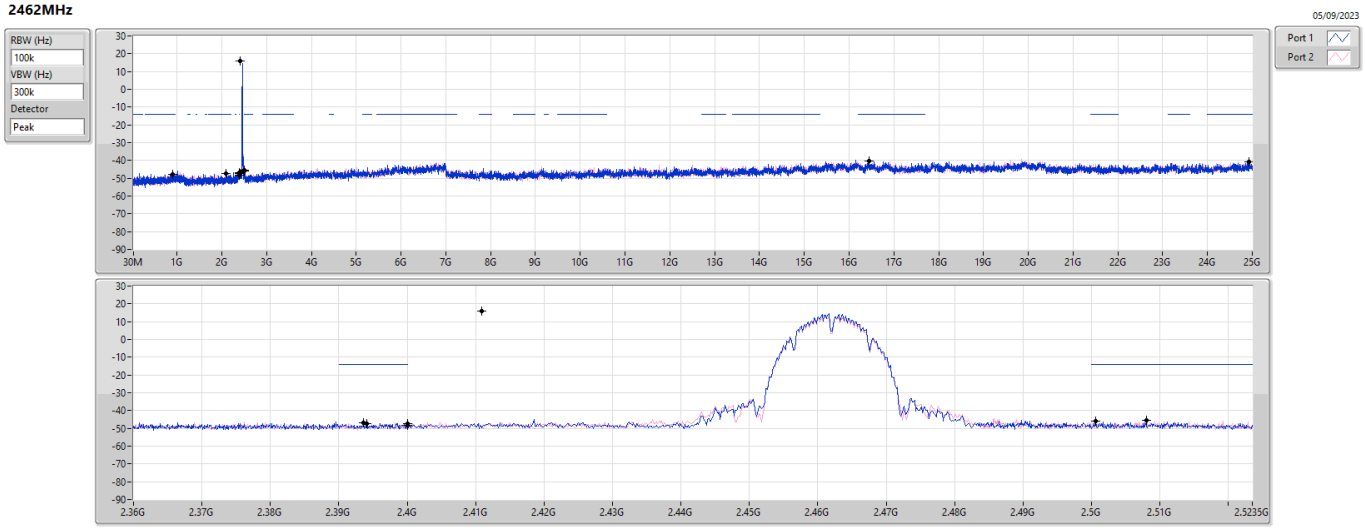
2437MHz



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
2.41086G	16.04	-13.96	955.01M	-47.71	2.39304G	-44.92	2.4G	-47.50	2.50478G	-45.94	24.882G	-39.91	1
2.41086G	16.04	-13.96	1.79614G	-47.41	2.396G	-45.73	2.4G	-48.35	2.50086G	-46.13	16.44488G	-39.43	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

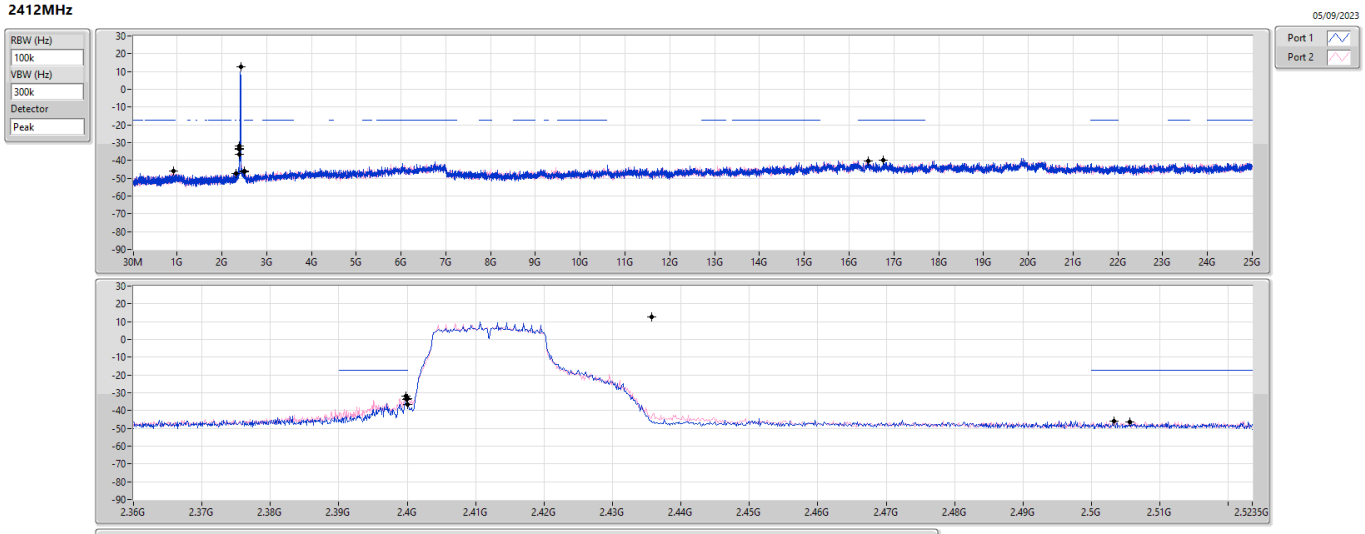
2462MHz



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
2.41086G	16.04	-13.96	2.09555G	-47.40	2.39408G	-47.26	2.4G	-48.48	2.50062G	-46.07	24.93257G	-40.60	1
2.41086G	16.04	-13.96	904.92M	-47.75	2.3936G	-46.81	2.4G	-47.52	2.50806G	-45.66	16.44769G	-40.51	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

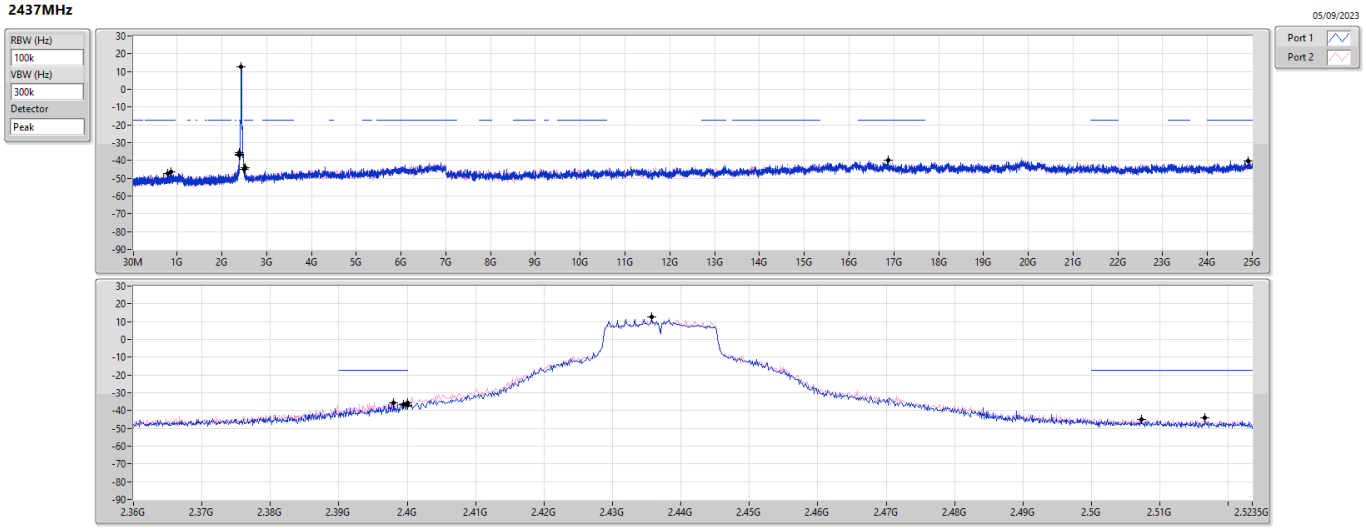
2412MHz



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
2.43574G	12.67	-17.33	2.30991G	-47.17	2.39992G	-33.72	2.4G	-36.42	2.50566G	-46.35	16.75955G	-40.01	1
2.43574G	12.67	-17.33	916.57M	-46.07	2.39976G	-31.90	2.4G	-33.51	2.50326G	-45.82	16.42802G	-40.49	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

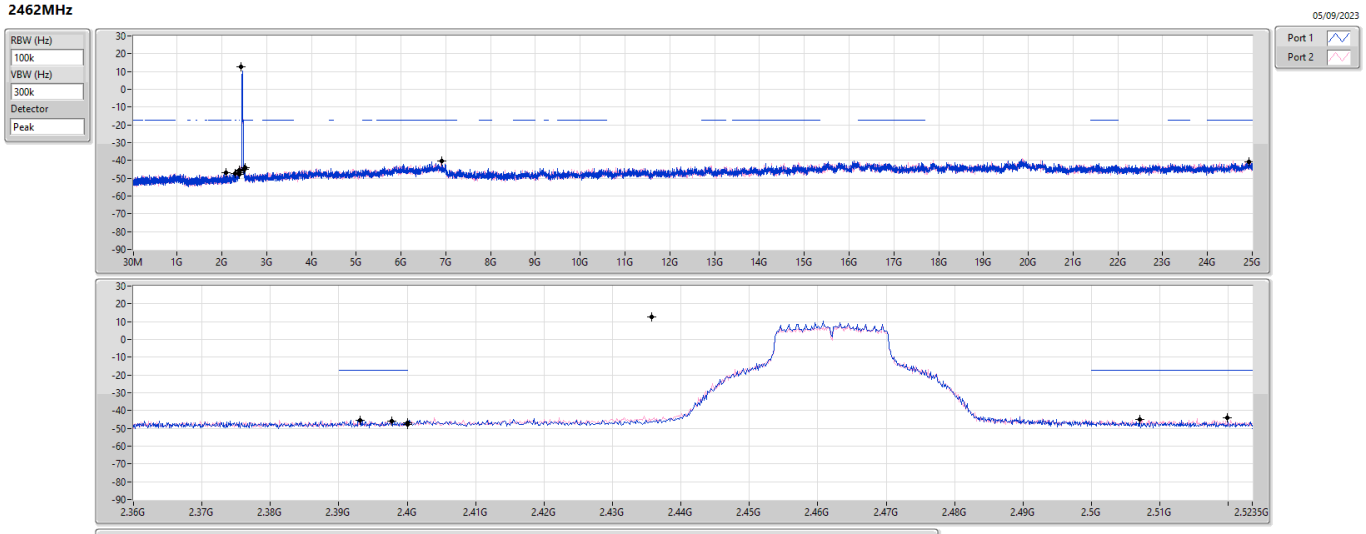
2437MHz



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
2.43574G	12.67	-17.33	869.97M	-46.60	2.39944G	-36.34	2.4G	-37.17	2.50726G	-45.06	16.88036G	-39.86	1
2.43574G	12.67	-17.33	796.57M	-47.50	2.398G	-35.66	2.4G	-35.85	2.51654G	-44.26	24.91009G	-40.18	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

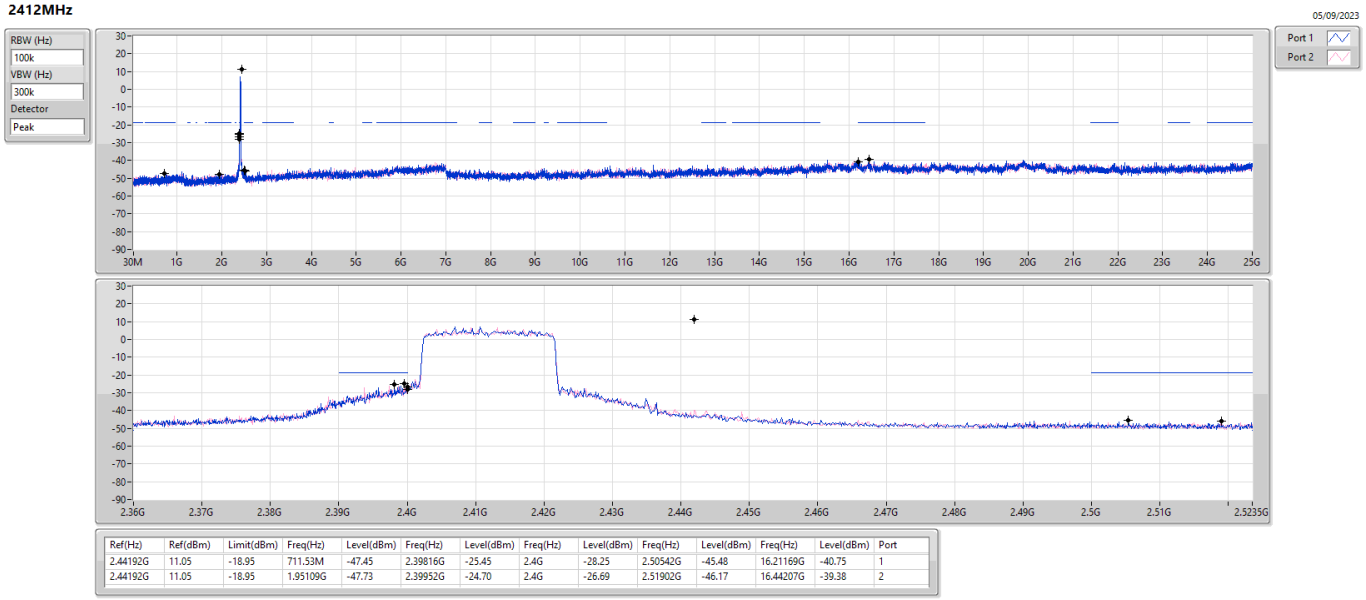
2462MHz



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
2.43574G	12.67	-17.33	2.30059G	-47.30	2.39312G	-45.37	2.4G	-47.58	2.50702G	-45.11	24.92976G	-40.83	1
2.43574G	12.67	-17.33	2.10254G	-46.84	2.39768G	-45.85	2.4G	-46.80	2.5199G	-44.29	6.9008G	-40.24	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

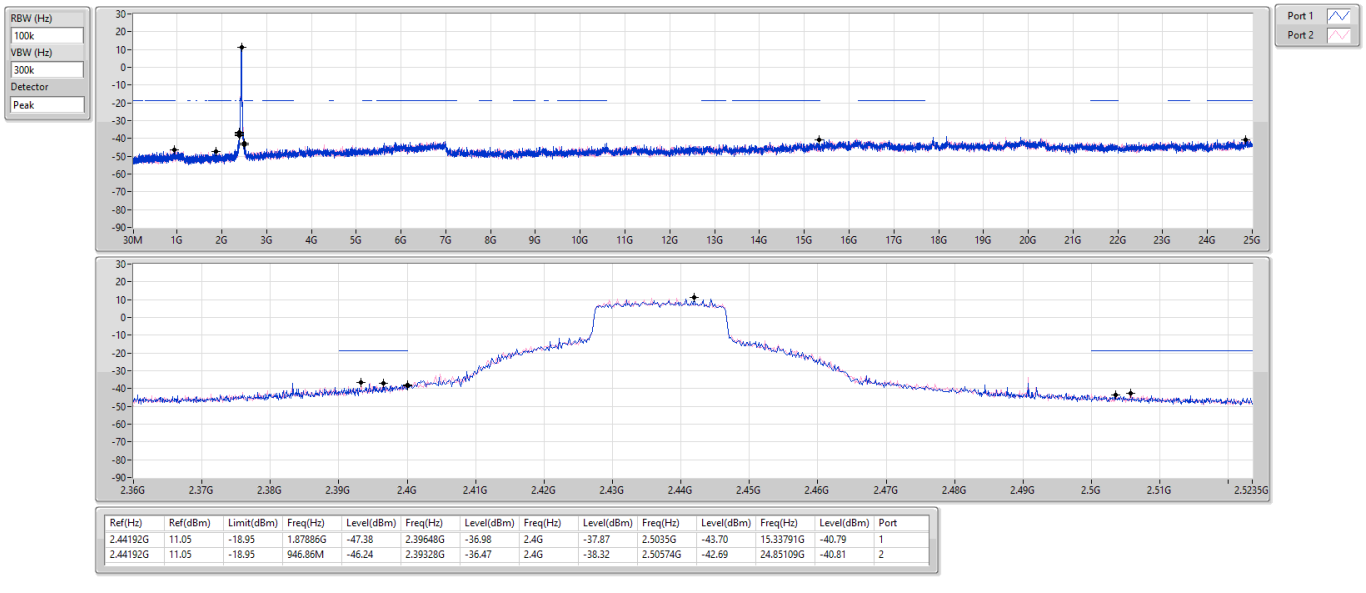
2412MHz



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
2.44192G	11.05	-18.95	711.53M	-47.45	2.39816G	-25.45	2.4G	-28.25	2.50542G	-45.48	16.21169G	-40.75	1
2.44192G	11.05	-18.95	1.95109G	-47.73	2.39952G	-24.70	2.4G	-26.69	2.51902G	-46.17	16.44207G	-39.38	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

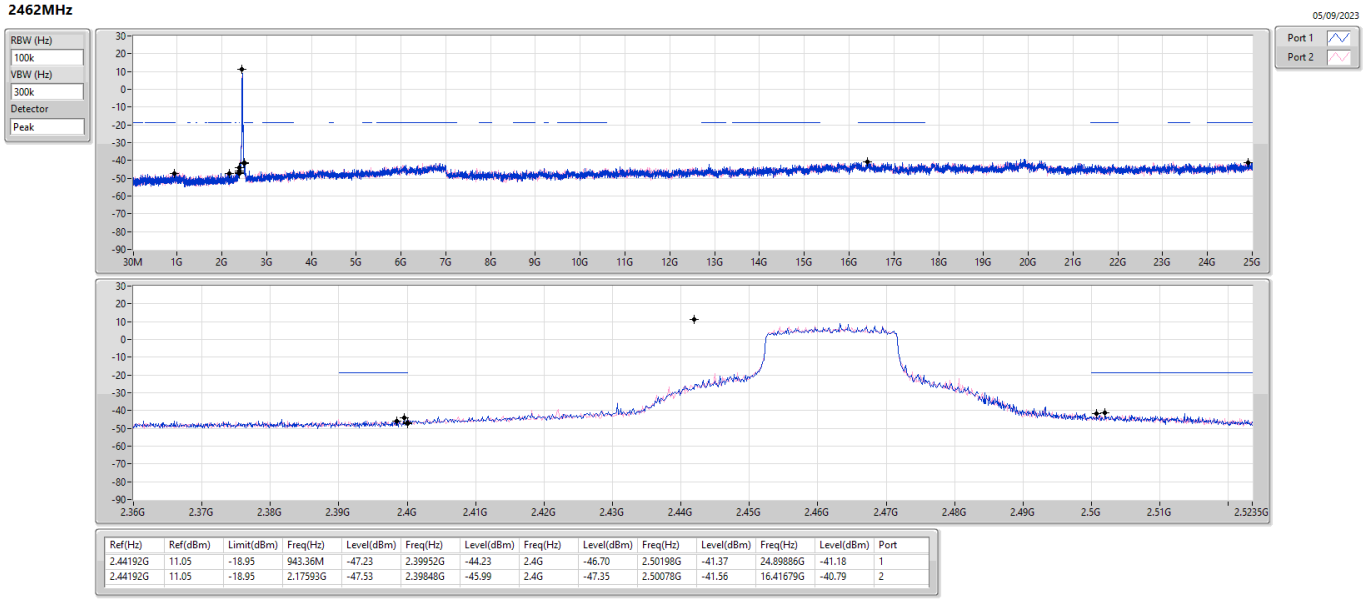
2437MHz



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
2.44192G	11.05	-18.95	1.87886G	-47.38	2.39648G	-36.98	2.4G	-37.87	2.5035G	-43.70	15.33791G	-40.79	1
2.44192G	11.05	-18.95	946.86M	-46.24	2.39328G	-36.47	2.4G	-38.32	2.50574G	-42.69	24.85109G	-40.81	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX CSENdB

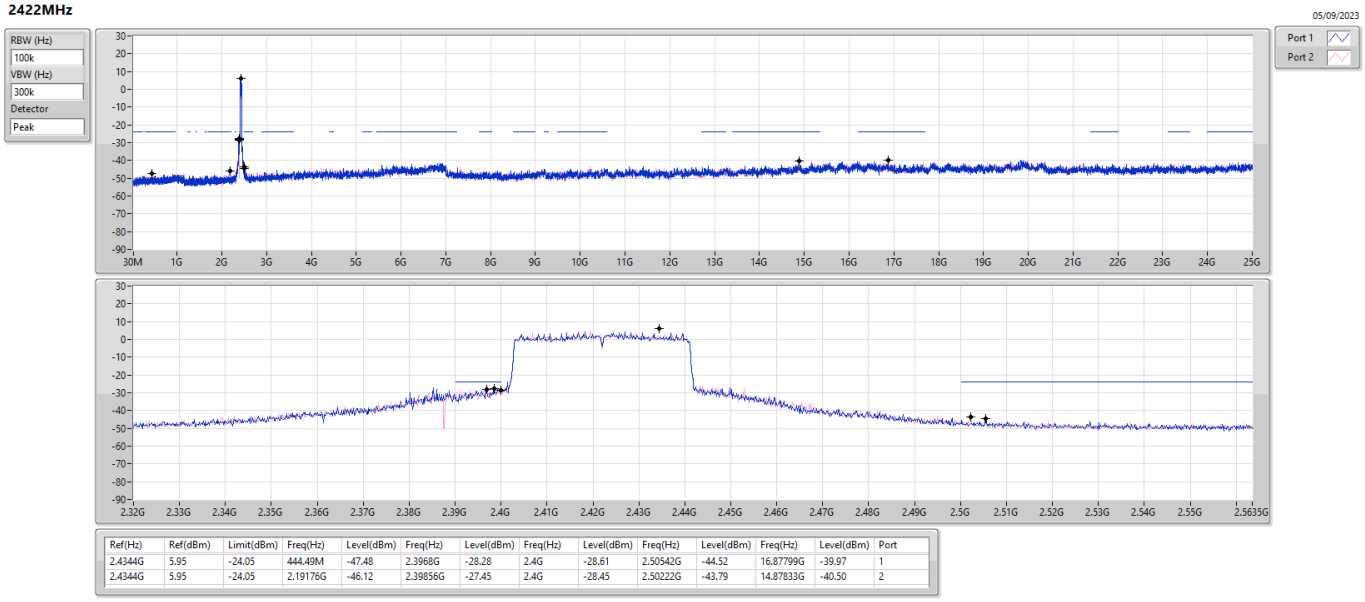
2462MHz



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
2.44192G	11.05	-18.95	943.36M	-47.23	2.39952G	-44.23	2.4G	-46.70	2.50198G	-41.37	24.89886G	-41.18	1
2.44192G	11.05	-18.95	2.17593G	-47.53	2.39848G	-45.99	2.4G	-47.35	2.50078G	-41.56	16.41679G	-40.79	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX CSENdB

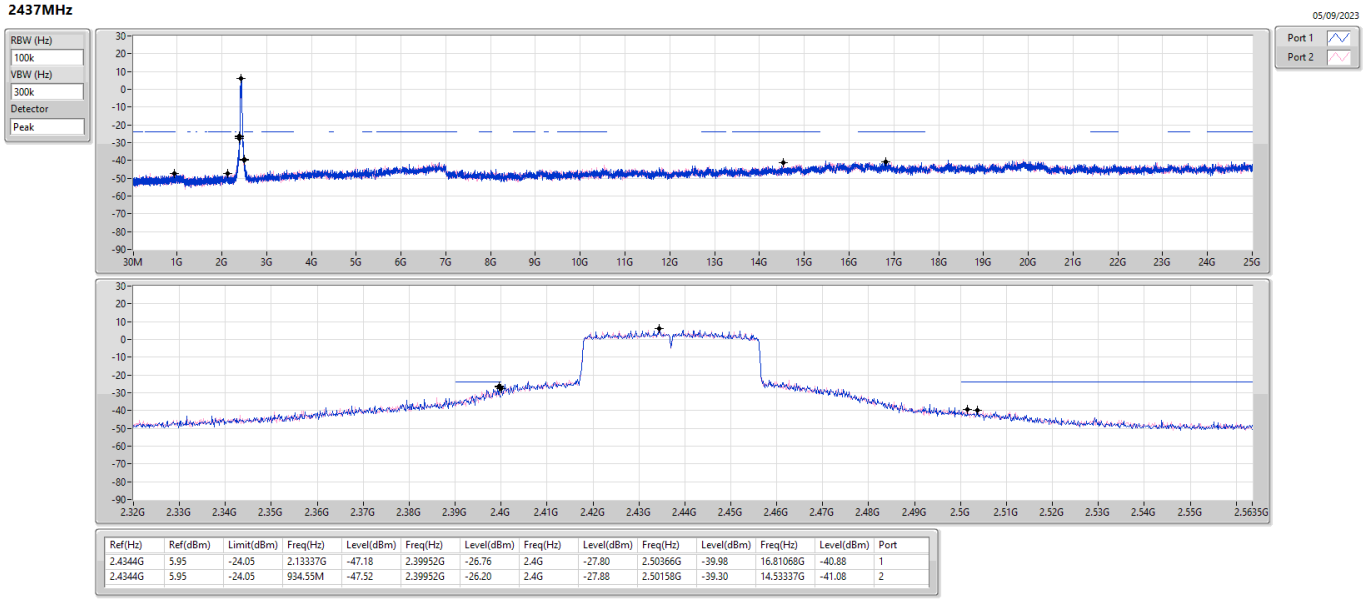
2422MHz



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
2.4344G	5.95	-24.05	444.49M	-47.48	2.3968G	-28.28	2.4G	-28.61	2.50542G	-44.52	16.87799G	-39.97	1
2.4344G	5.95	-24.05	2.19176G	-46.12	2.39856G	-27.45	2.4G	-28.45	2.50222G	-43.79	14.87833G	-40.50	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX CSENdB

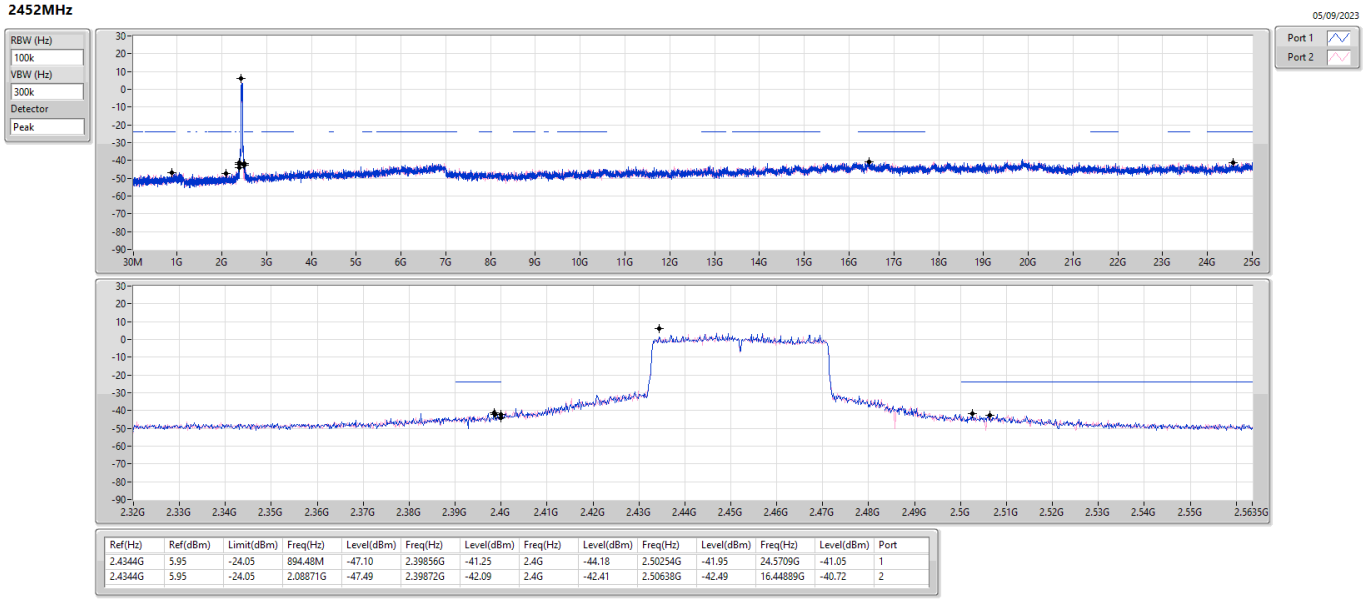
2437MHz



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
2.4344G	5.95	-24.05	2.13337G	-47.18	2.39952G	-26.76	2.4G	-27.80	2.50366G	-39.98	16.81068G	-40.88	1
2.4344G	5.95	-24.05	934.55M	-47.52	2.39952G	-26.20	2.4G	-27.88	2.50158G	-39.30	14.53337G	-41.08	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX CSENdB

2452MHz

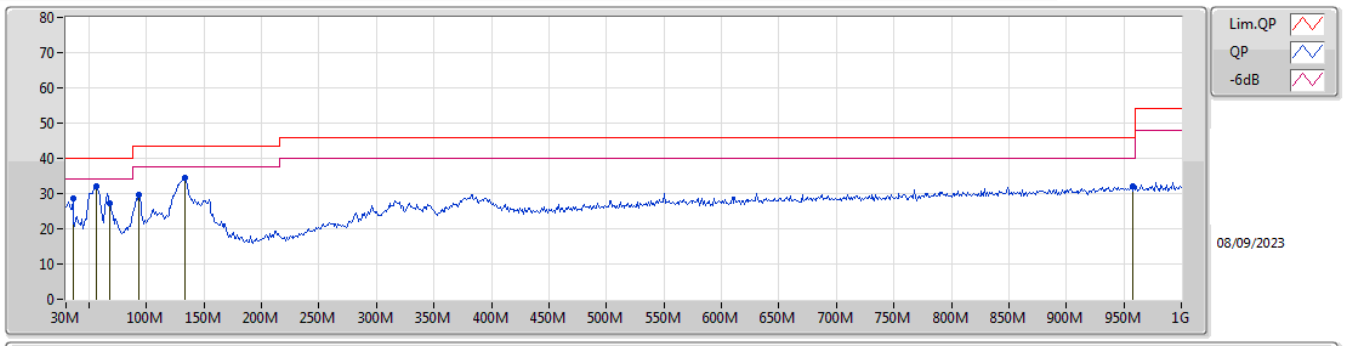


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4344G	5.95	-24.05	894.48M	-47.10	2.39856G	-41.25	2.4G	-44.18	2.50254G	-41.95	24.5709G	-41.05	1
2.4344G	5.95	-24.05	2.08871G	-47.49	2.39872G	-42.09	2.4G	-42.41	2.50638G	-42.49	16.44889G	-40.72	2

Summary

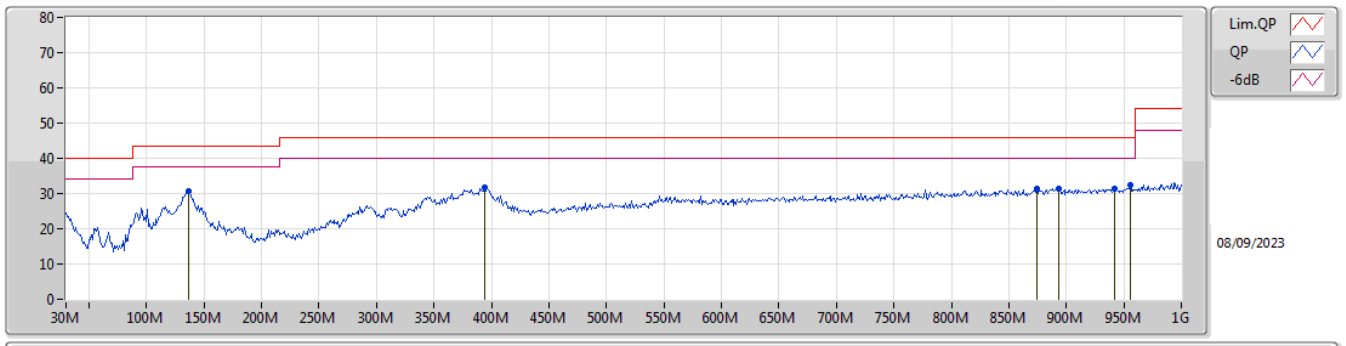
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	56.19M	32.10	40.00	-7.90	Vertical

Mode 3



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	35.82M	28.55	40.00	-11.45	-9.51	3	Vertical	266	1.00	-	38.06	21.04	1.14	31.69
PK	56.19M	32.10	40.00	-7.90	-17.77	3	Vertical	360	1.00	"Worst"	49.87	12.75	1.37	31.89
PK	67.83M	27.09	40.00	-12.91	-18.09	3	Vertical	186	1.50	-	45.18	12.33	1.49	31.91
PK	93.05M	29.58	43.50	-13.92	-14.67	3	Vertical	360	1.50	-	44.25	15.60	1.72	31.99
PK	133.79M	34.52	43.50	-8.98	-12.17	3	Vertical	142	1.00	-	46.69	17.76	2.04	31.97
PK	958.29M	32.20	46.00	-13.80	0.05	3	Vertical	204	1.50	-	32.15	26.82	5.73	32.50

Mode 3



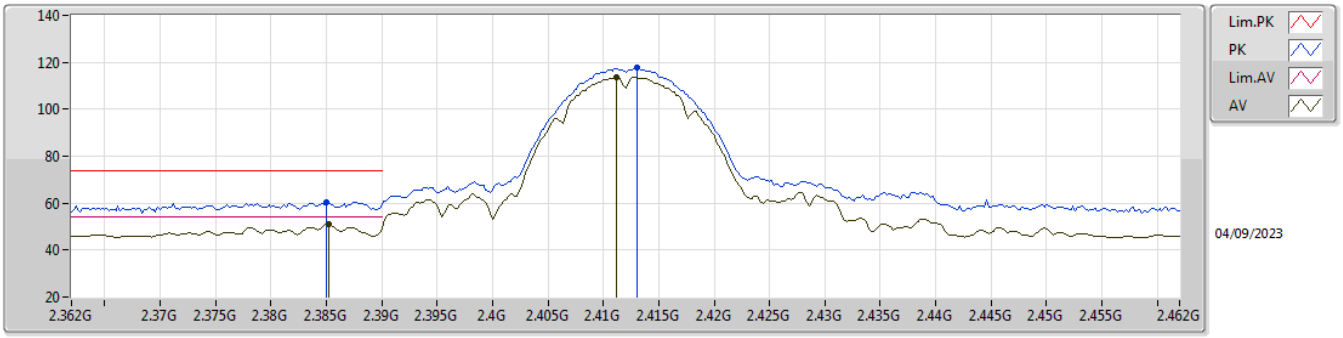
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	136.7M	30.78	43.50	-12.72	-12.48	3	Horizontal	256	2.00	"Worst"	43.26	17.43	2.06	31.97
PK	393.75M	31.76	46.00	-14.24	-7.23	3	Horizontal	124	1.00	-	38.99	21.31	3.63	32.17
PK	874.87M	31.31	46.00	-14.69	-0.86	3	Horizontal	0	1.00	-	32.17	26.14	5.54	32.54
PK	893.3M	31.32	46.00	-14.68	-0.48	3	Horizontal	137	1.00	-	31.80	26.36	5.63	32.47
PK	941.8M	31.26	46.00	-14.74	-0.24	3	Horizontal	284	2.00	-	31.50	26.59	5.70	32.53
PK	955.38M	32.32	46.00	-13.68	0.01	3	Horizontal	360	2.00	-	32.31	26.80	5.73	32.52

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.39G	52.96	54.00	-1.04	3	Vertical	108	1.80	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

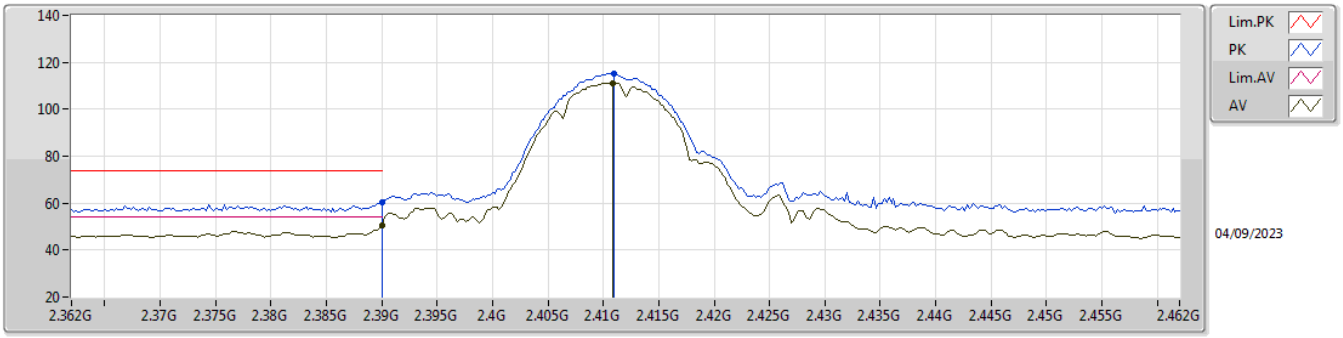


EUT Y_2TX
Setting 42
06-C-S-5

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	2.385G	60.49	74.00	-13.51	27.93	3	Vertical	109	1.38	-	27.70	4.86	-
AV	2.3852G	51.09	54.00	-2.91	18.53	3	Vertical	109	1.38	-	27.70	4.86	-
PK	2.413G	117.68	Inf	-Inf	85.19	3	Vertical	109	1.38	-	27.60	4.89	-
AV	2.4112G	113.71	Inf	-Inf	81.22	3	Vertical	109	1.38	-	27.60	4.89	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

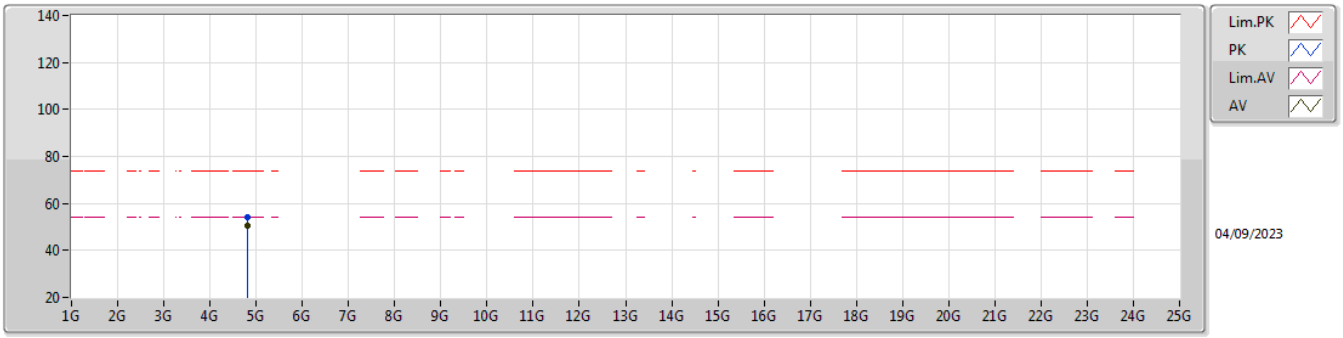


EUT Y_2TX
Setting 42
06-C-S-5

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	60.40	74.00	-13.60	27.83	3	Horizontal	327	2.01	-	27.70	4.87	-
AV	2.39G	50.57	54.00	-3.43	18.00	3	Horizontal	327	2.01	-	27.70	4.87	-
PK	2.411G	115.13	Inf	-Inf	82.64	3	Horizontal	327	2.01	-	27.60	4.89	-
AV	2.4108G	111.23	Inf	-Inf	78.74	3	Horizontal	327	2.01	-	27.60	4.89	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

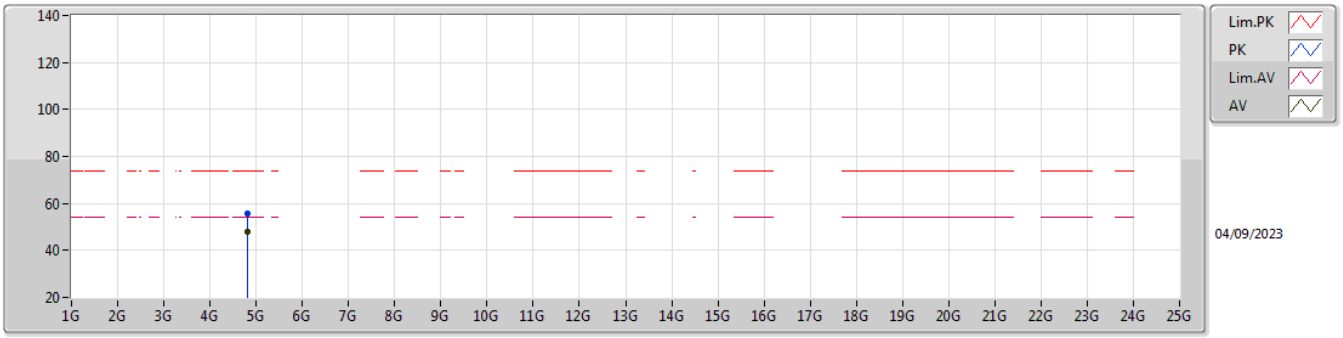


EUT Y_2TX
Setting 42
06-C-S-5

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	54.24	74.00	-19.76	47.64	3	Vertical	64	1.97	-	31.30	6.70	31.40
AV	4.82396G	50.35	54.00	-3.65	43.75	3	Vertical	64	1.97	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

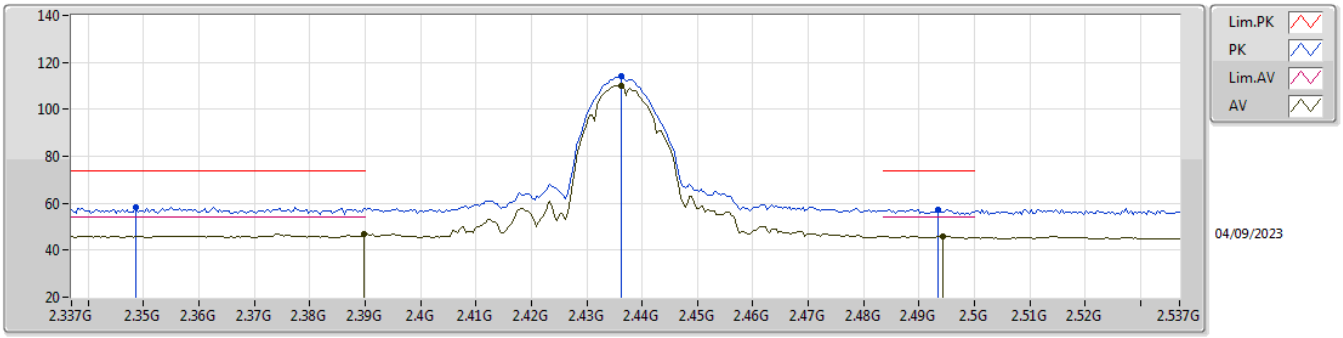


EUT Y_2TX
Setting 42
06-C-S-5

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	55.55	74.00	-18.45	48.95	3	Horizontal	15	1.80	-	31.30	6.70	31.40
AV	4.82396G	47.88	54.00	-6.12	41.28	3	Horizontal	15	1.80	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

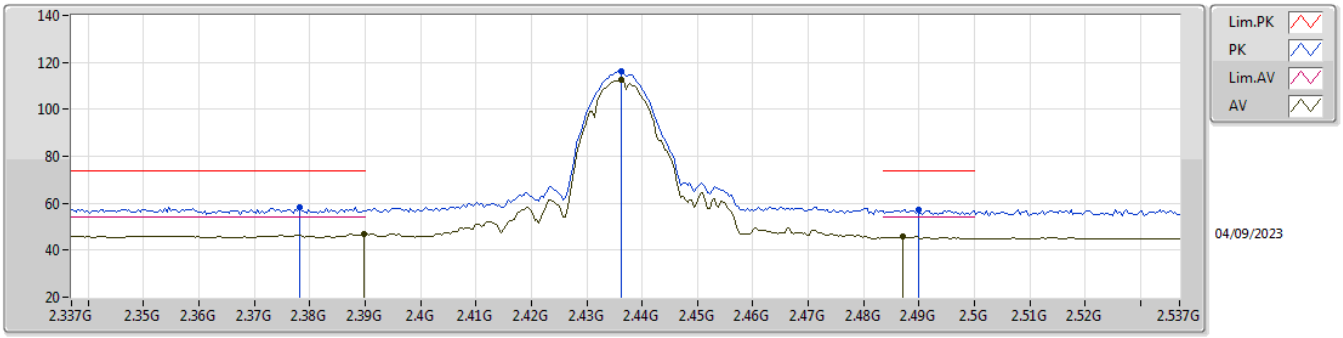


EUT Y_2TX
Setting 41
06-C-S-5

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	2.3486G	58.26	74.00	-15.74	25.59	3	Vertical	360	1.80	-	27.90	4.77	-
AV	2.3898G	46.94	54.00	-7.06	14.37	3	Vertical	360	1.80	-	27.70	4.87	-
PK	2.4362G	114.03	Inf	-Inf	81.65	3	Vertical	360	1.80	-	27.50	4.88	-
AV	2.4362G	110.20	Inf	-Inf	77.82	3	Vertical	360	1.80	-	27.50	4.88	-
PK	2.4934G	57.43	74.00	-16.57	25.18	3	Vertical	360	1.80	-	27.40	4.85	-
AV	2.4942G	46.12	54.00	-7.88	13.87	3	Vertical	360	1.80	-	27.40	4.85	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

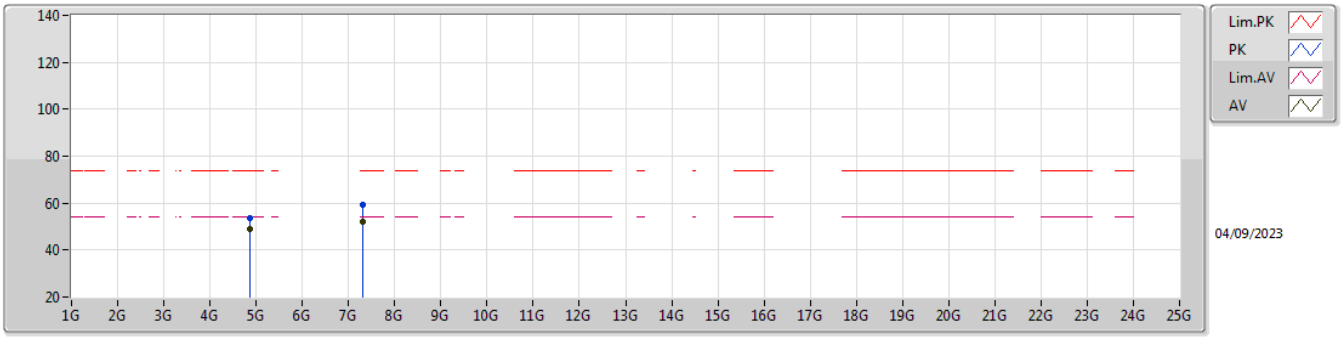


EUT Y_2TX
Setting 41
06-C-S-5

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	2.3782G	58.26	74.00	-15.74	25.69	3	Horizontal	325	2.38	-	27.72	4.85	-
AV	2.3898G	47.12	54.00	-6.88	14.55	3	Horizontal	325	2.38	-	27.70	4.87	-
PK	2.4362G	116.19	Inf	-Inf	83.81	3	Horizontal	325	2.38	-	27.50	4.88	-
AV	2.4362G	112.43	Inf	-Inf	80.05	3	Horizontal	325	2.38	-	27.50	4.88	-
PK	2.4898G	57.23	74.00	-16.77	24.97	3	Horizontal	325	2.38	-	27.40	4.86	-
AV	2.487G	45.91	54.00	-8.09	13.65	3	Horizontal	325	2.38	-	27.40	4.86	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

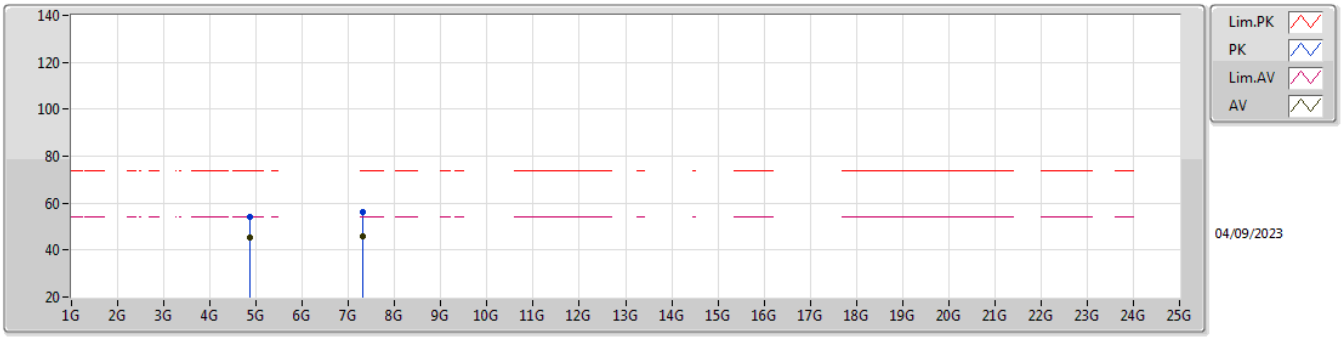


EUT Y_2TX
Setting 41
06-C-S-5

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	53.79	74.00	-20.21	47.16	3	Vertical	62	1.80	-	31.30	6.70	31.37
AV	4.874G	49.11	54.00	-4.89	42.48	3	Vertical	62	1.80	-	31.30	6.70	31.37
PK	7.30992G	59.44	74.00	-14.56	47.59	3	Vertical	22	2.18	-	36.60	7.85	32.60
AV	7.31024G	51.99	54.00	-2.01	40.13	3	Vertical	22	2.18	-	36.60	7.86	32.60

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

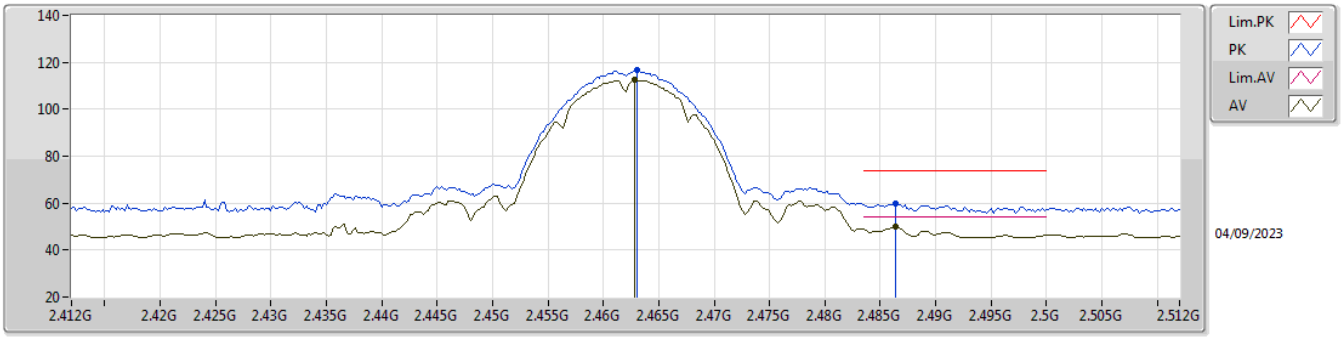


EUT Y_2TX
Setting 41
06-C-S-5

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	53.88	74.00	-20.12	47.25	3	Horizontal	283	1.48	-	31.30	6.70	31.37
AV	4.874G	45.37	54.00	-8.63	38.74	3	Horizontal	283	1.48	-	31.30	6.70	31.37
PK	7.30952G	56.13	74.00	-17.87	44.28	3	Horizontal	39	1.80	-	36.60	7.85	32.60
AV	7.31016G	45.97	54.00	-8.03	34.11	3	Horizontal	39	1.80	-	36.60	7.86	32.60

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

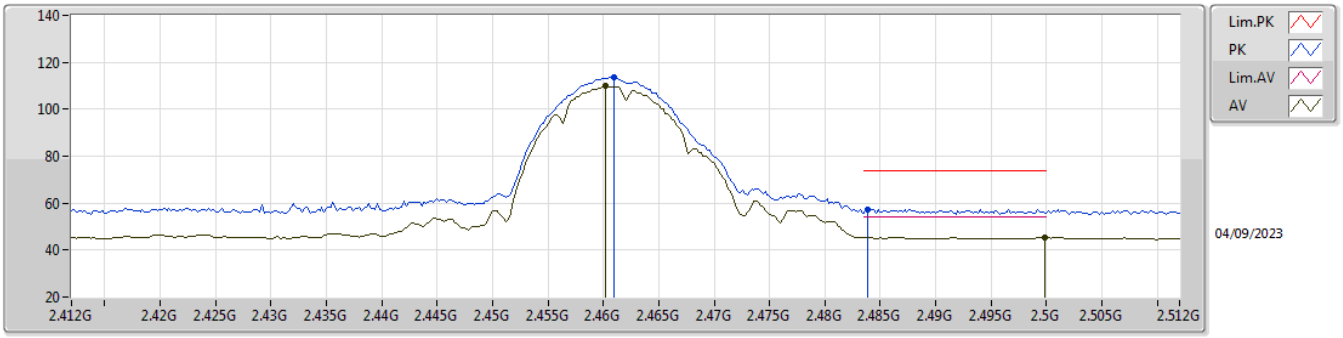


EUT Y_2TX
Setting 36
06-C-S-5

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	2.463G	116.53	Inf	-Inf	84.26	3	Vertical	109	1.75	-	27.40	4.87	-
AV	2.4628G	112.37	Inf	-Inf	80.10	3	Vertical	109	1.75	-	27.40	4.87	-
PK	2.4864G	59.77	74.00	-14.23	27.51	3	Vertical	109	1.75	-	27.40	4.86	-
AV	2.4864G	49.75	54.00	-4.25	17.49	3	Vertical	109	1.75	-	27.40	4.86	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

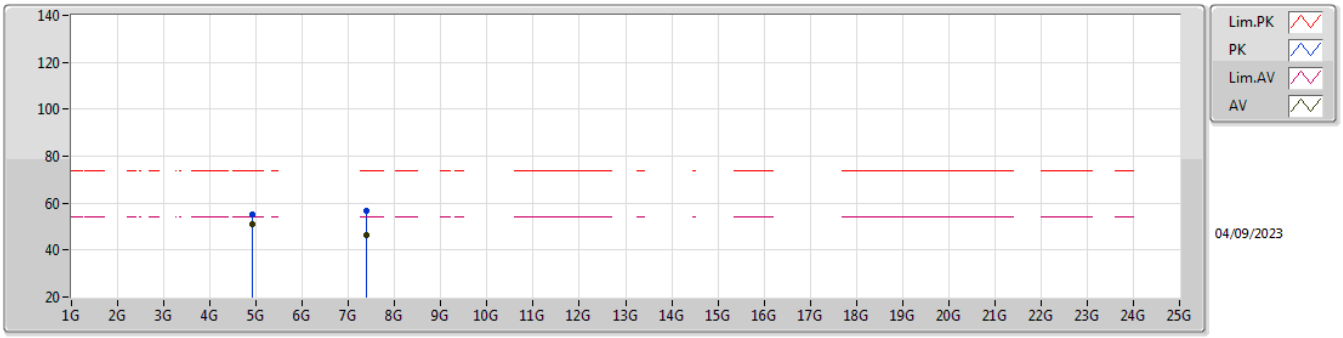


EUT Y_2TX
Setting 36
06-C-S-5

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	113.58	Inf	-Inf	81.31	3	Horizontal	324	1.90	-	27.40	4.87	-
AV	2.4602G	109.75	Inf	-Inf	77.48	3	Horizontal	324	1.90	-	27.40	4.87	-
PK	2.4838G	57.18	74.00	-16.82	24.92	3	Horizontal	324	1.90	-	27.40	4.86	-
AV	2.4998G	45.39	54.00	-8.61	13.14	3	Horizontal	324	1.90	-	27.40	4.85	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

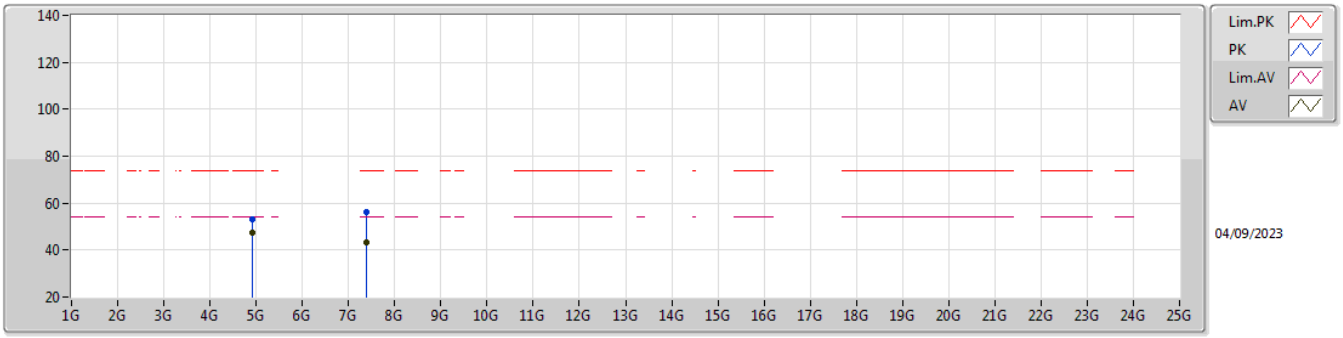


EUT Y_2TX
Setting 36
06-C-S-5

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	4.92404G	55.02	74.00	-18.98	48.25	3	Vertical	5	1.78	-	31.40	6.70	31.33
AV	4.924G	50.93	54.00	-3.07	44.16	3	Vertical	5	1.78	-	31.40	6.70	31.33
PK	7.38564G	56.85	74.00	-17.15	45.07	3	Vertical	21	2.09	-	36.60	7.89	32.71
AV	7.38528G	46.17	54.00	-7.83	34.39	3	Vertical	21	2.09	-	36.60	7.89	32.71

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

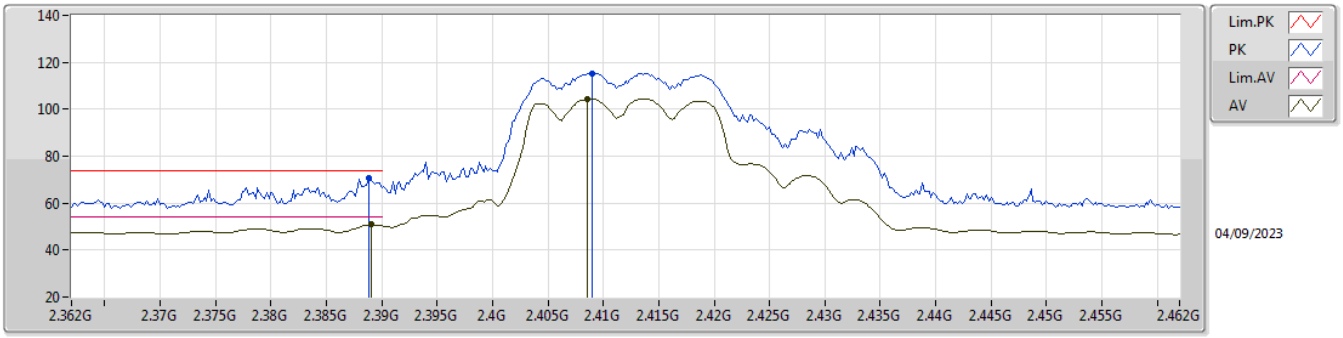


EUT Y_2TX
Setting 36
06-C-S-5

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	4.92408G	52.88	74.00	-21.12	46.11	3	Horizontal	177	1.80	-	31.40	6.70	31.33
AV	4.924G	47.43	54.00	-6.57	40.66	3	Horizontal	177	1.80	-	31.40	6.70	31.33
PK	7.38432G	56.07	74.00	-17.93	44.29	3	Horizontal	40	1.80	-	36.60	7.89	32.71
AV	7.38524G	43.48	54.00	-10.52	31.70	3	Horizontal	40	1.80	-	36.60	7.89	32.71

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

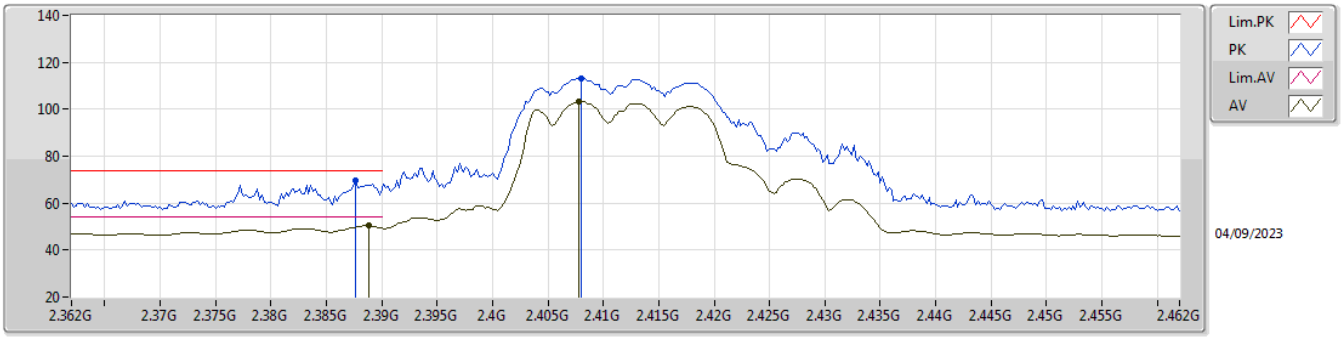


EUT Y_2TX
Setting 36
06-C-R-7

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	2.3888G	70.87	74.00	-3.13	38.30	3	Vertical	93	2.00	-	27.70	4.87	-
AV	2.389G	50.81	54.00	-3.19	18.24	3	Vertical	93	2.00	-	27.70	4.87	-
PK	2.409G	115.41	Inf	-Inf	82.90	3	Vertical	93	2.00	-	27.61	4.90	-
AV	2.4086G	104.34	Inf	-Inf	71.83	3	Vertical	93	2.00	-	27.61	4.90	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

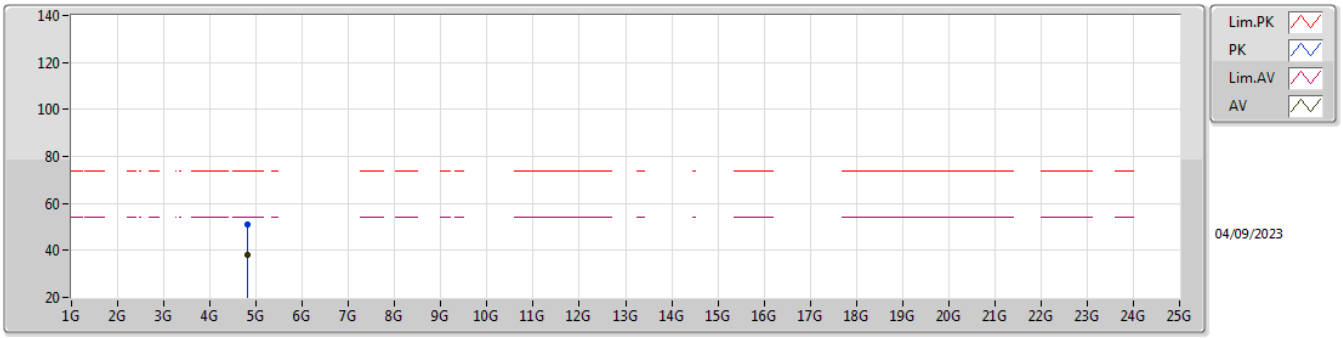


EUT Y_2TX
Setting 36
06-C-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	69.81	74.00	-4.19	37.24	3	Horizontal	51	2.13	-	27.70	4.87	-
AV	2.3888G	50.31	54.00	-3.69	17.74	3	Horizontal	51	2.13	-	27.70	4.87	-
PK	2.408G	113.26	Inf	-Inf	80.74	3	Horizontal	51	2.13	-	27.62	4.90	-
AV	2.4078G	103.05	Inf	-Inf	70.53	3	Horizontal	51	2.13	-	27.62	4.90	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

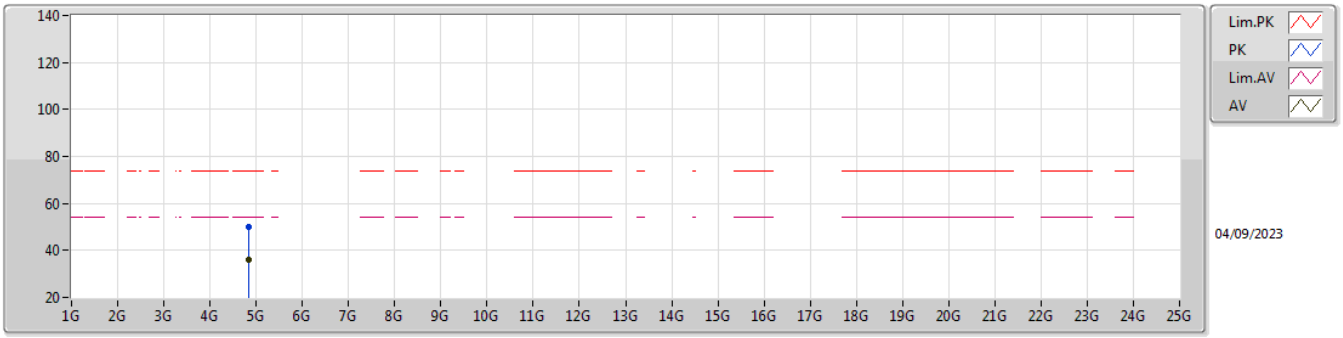


EUT Y_2TX
Setting 36
06-C-R-7

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	4.8246G	50.87	74.00	-23.13	44.27	3	Vertical	62	1.86	-	31.30	6.70	31.40
AV	4.824G	37.89	54.00	-16.11	31.29	3	Vertical	62	1.86	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

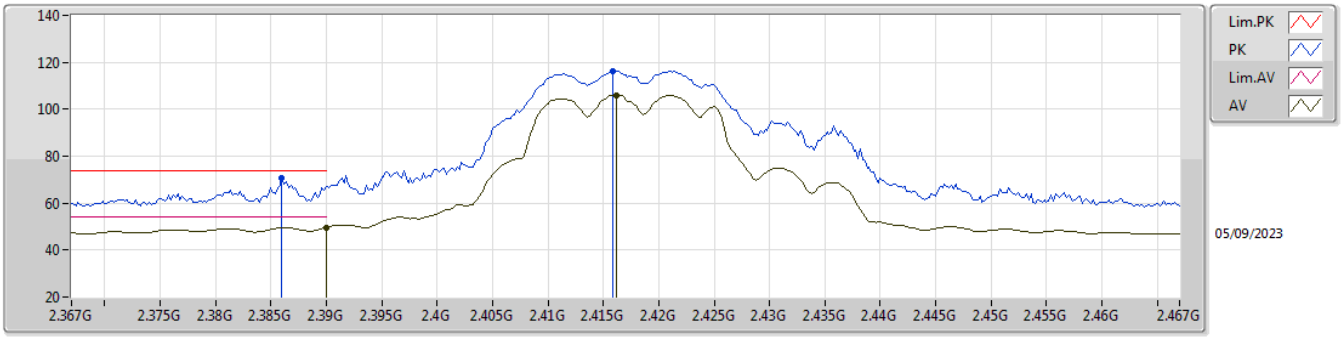


EUT Y_2TX
Setting 36
06-C-R-7

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	4.8251G	49.94	74.00	-24.06	43.34	3	Horizontal	196	1.76	-	31.30	6.70	31.40
AV	4.8256G	35.90	54.00	-18.10	29.30	3	Horizontal	196	1.76	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

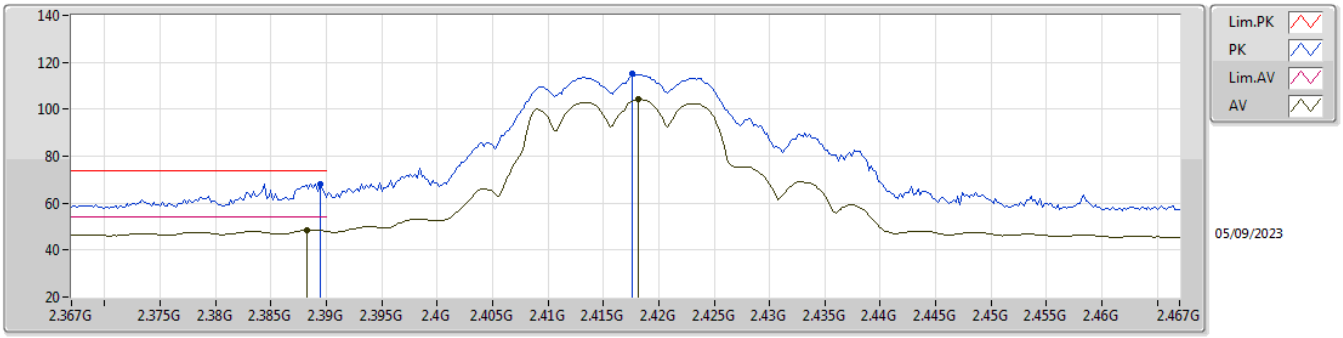


EUT Y_2TX
Setting 37
06-C-R-7

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	2.386G	70.65	74.00	-3.35	38.08	3	Vertical	93	2.04	-	27.70	4.87	-
AV	2.39G	49.59	54.00	-4.41	17.02	3	Vertical	93	2.04	-	27.70	4.87	-
PK	2.4158G	116.34	Inf	-Inf	83.85	3	Vertical	93	2.04	-	27.60	4.89	-
AV	2.4162G	106.01	Inf	-Inf	73.52	3	Vertical	93	2.04	-	27.60	4.89	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

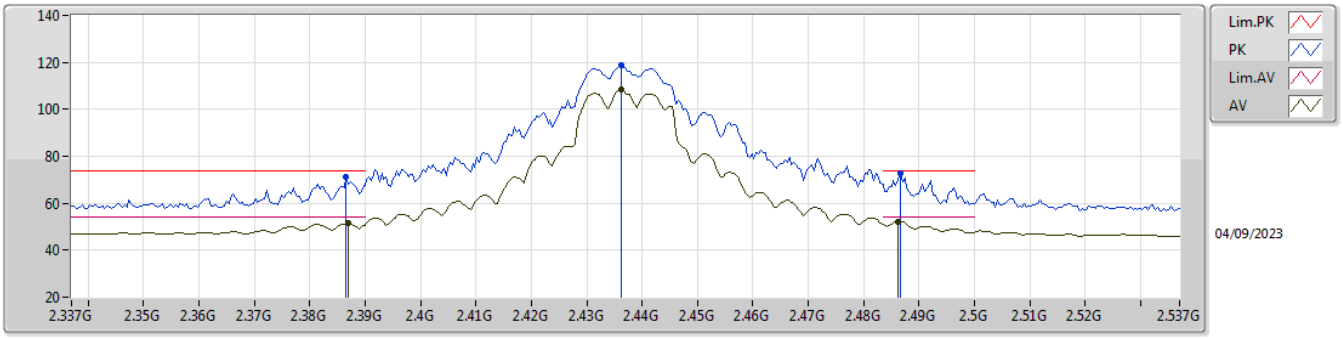


EUT Y_2TX
Setting 37
06-C-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	68.33	74.00	-5.67	35.76	3	Horizontal	50	2.13	-	27.70	4.87	-
AV	2.3882G	48.60	54.00	-5.40	16.03	3	Horizontal	50	2.13	-	27.70	4.87	-
PK	2.4176G	115.03	Inf	-Inf	82.54	3	Horizontal	50	2.13	-	27.60	4.89	-
AV	2.4182G	104.20	Inf	-Inf	71.71	3	Horizontal	50	2.13	-	27.60	4.89	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

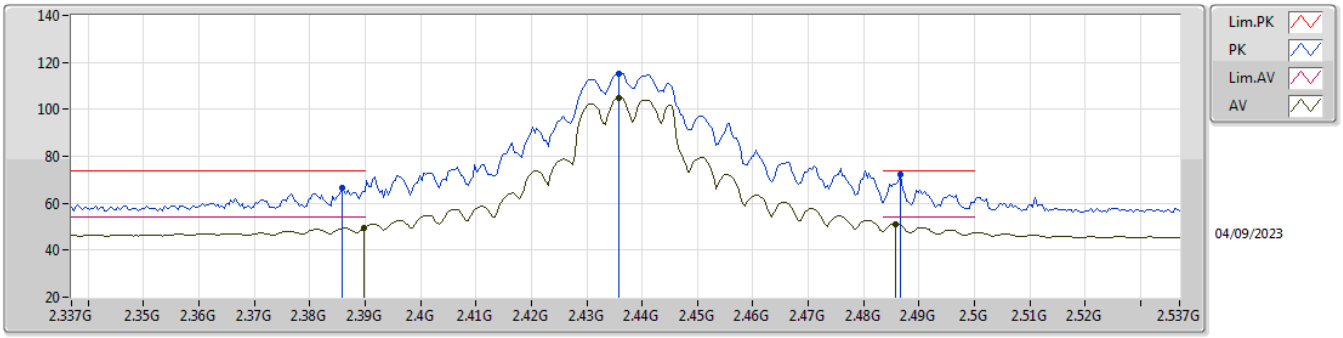


EUT Y_2TX
Setting 42
06-C-R-7

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	2.3866G	70.97	74.00	-3.03	38.40	3	Vertical	109	1.79	-	27.70	4.87	-
AV	2.387G	51.34	54.00	-2.66	18.77	3	Vertical	109	1.79	-	27.70	4.87	-
PK	2.4362G	118.68	Inf	-Inf	86.30	3	Vertical	109	1.79	-	27.50	4.88	-
AV	2.4362G	108.49	Inf	-Inf	76.11	3	Vertical	109	1.79	-	27.50	4.88	-
PK	2.4866G	72.83	74.00	-1.17	40.57	3	Vertical	109	1.79	-	27.40	4.86	-
AV	2.4862G	52.28	54.00	-1.72	20.02	3	Vertical	109	1.79	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

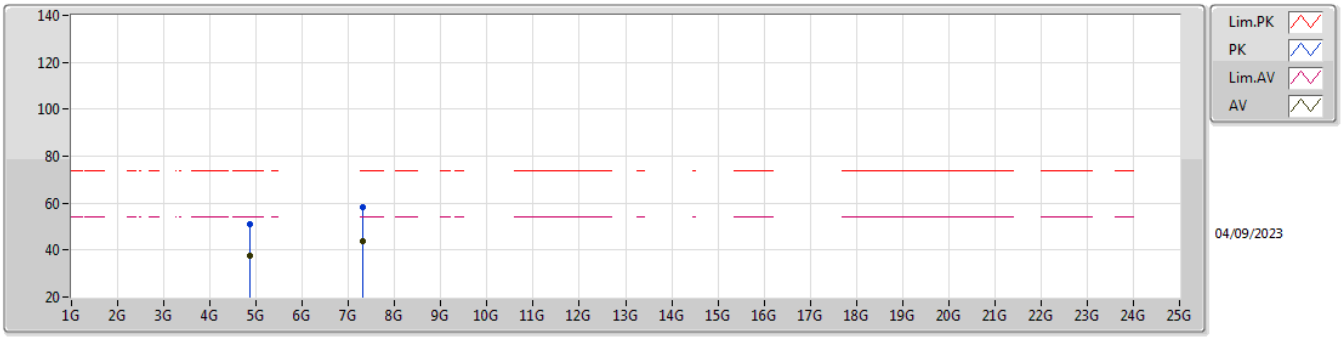


EUT Y_2TX
Setting 42
06-C-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3858G	66.37	74.00	-7.63	33.81	3	Horizontal	325	2.37	-	27.70	4.86	-
AV	2.3898G	49.43	54.00	-4.57	16.86	3	Horizontal	325	2.37	-	27.70	4.87	-
PK	2.4358G	115.34	Inf	-Inf	82.96	3	Horizontal	325	2.37	-	27.50	4.88	-
AV	2.4358G	104.89	Inf	-Inf	72.51	3	Horizontal	325	2.37	-	27.50	4.88	-
PK	2.4866G	72.13	74.00	-1.87	39.87	3	Horizontal	325	2.37	-	27.40	4.86	-
AV	2.4858G	51.05	54.00	-2.95	18.79	3	Horizontal	325	2.37	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

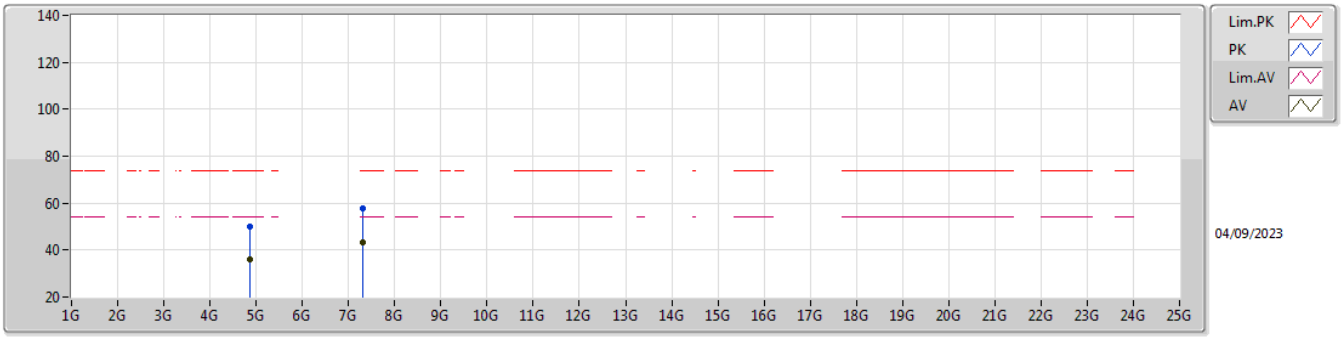


EUT Y_2TX
Setting 42
06-C-R-7

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	4.8732G	50.83	74.00	-23.17	44.20	3	Vertical	57	1.80	-	31.30	6.70	31.37
AV	4.8743G	37.51	54.00	-16.49	30.88	3	Vertical	57	1.80	-	31.30	6.70	31.37
PK	7.3066G	58.34	74.00	-15.66	46.49	3	Vertical	24	2.13	-	36.60	7.85	32.60
AV	7.3118G	43.97	54.00	-10.03	32.11	3	Vertical	24	2.13	-	36.60	7.86	32.60

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

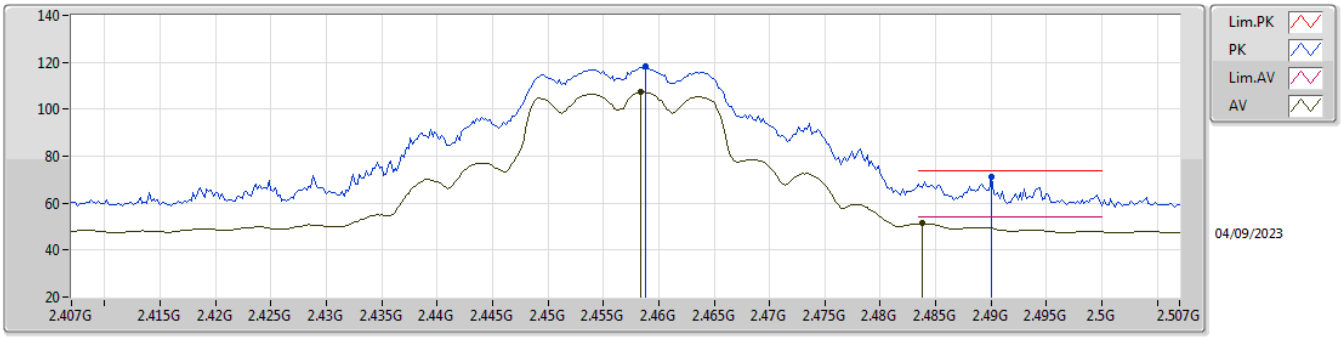


EUT Y_2TX
Setting 42
06-C-R-7

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	4.8698G	50.08	74.00	-23.92	43.45	3	Horizontal	187	1.80	-	31.30	6.70	31.37
AV	4.8723G	36.27	54.00	-17.73	29.64	3	Horizontal	187	1.80	-	31.30	6.70	31.37
PK	7.3031G	57.97	74.00	-16.03	46.11	3	Horizontal	45	2.87	-	36.60	7.85	32.59
AV	7.3129G	43.19	54.00	-10.81	31.33	3	Horizontal	45	2.87	-	36.60	7.86	32.60

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

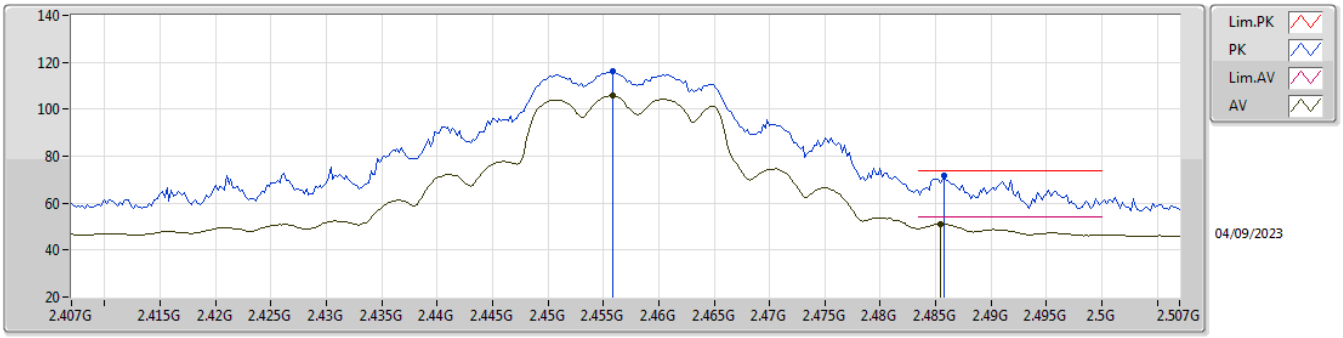


EUT Y_2TX
Setting 38
06-C-R-7

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	2.4588G	118.05	Inf	-Inf	85.77	3	Vertical	94	1.99	-	27.41	4.87	-
AV	2.4584G	107.35	Inf	-Inf	75.06	3	Vertical	94	1.99	-	27.42	4.87	-
PK	2.49G	71.09	74.00	-2.91	38.83	3	Vertical	94	1.99	-	27.40	4.86	-
AV	2.4838G	51.35	54.00	-2.65	19.09	3	Vertical	94	1.99	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

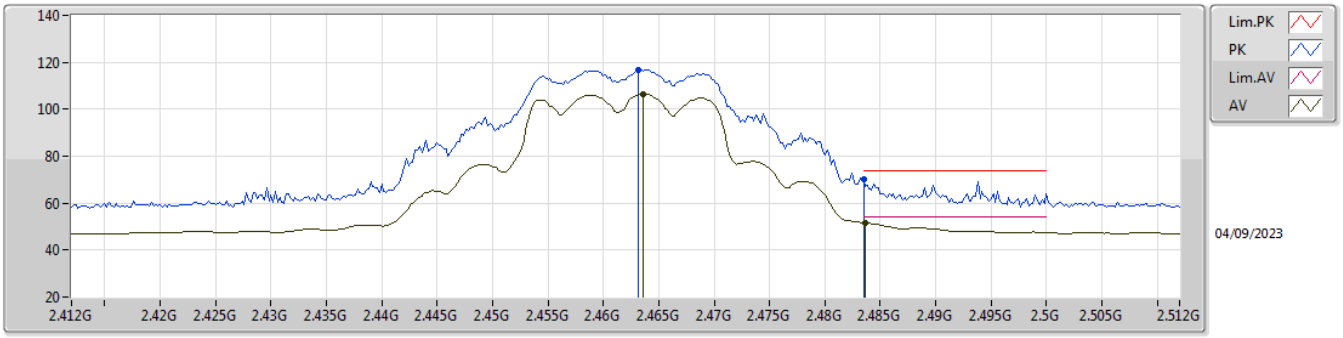


EUT Y_2TX
Setting 38
06-C-R-7

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	2.4558G	116.07	Inf	-Inf	83.76	3	Horizontal	325	1.88	-	27.44	4.87	-
AV	2.4558G	105.71	Inf	-Inf	73.40	3	Horizontal	325	1.88	-	27.44	4.87	-
PK	2.4858G	71.63	74.00	-2.37	39.37	3	Horizontal	325	1.88	-	27.40	4.86	-
AV	2.4854G	51.17	54.00	-2.83	18.91	3	Horizontal	325	1.88	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

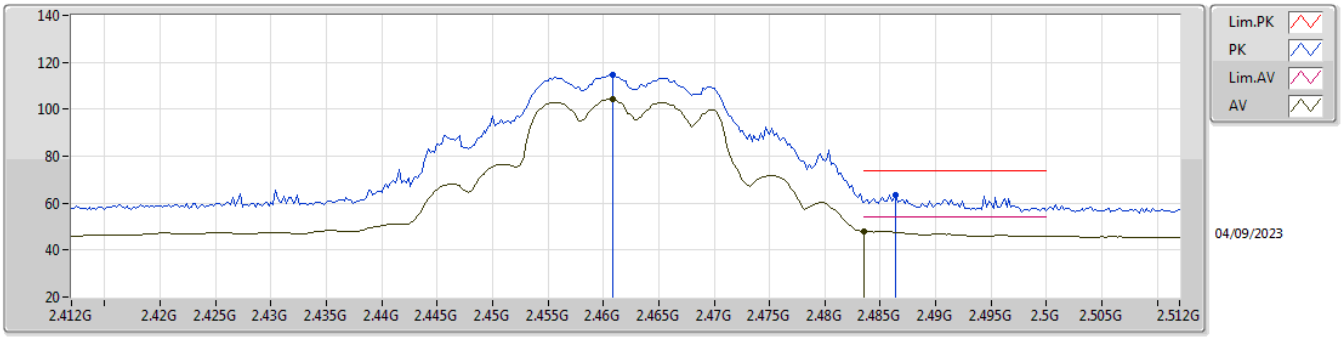


EUT Y_2TX
Setting 37
06-C-R-7

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	2.4632G	116.79	Inf	-Inf	84.52	3	Vertical	96	1.96	-	27.40	4.87	-
AV	2.4636G	106.55	Inf	-Inf	74.28	3	Vertical	96	1.96	-	27.40	4.87	-
PK	2.4835G	70.41	74.00	-3.59	38.15	3	Vertical	96	1.96	-	27.40	4.86	-
AV	2.4836G	51.54	54.00	-2.46	19.28	3	Vertical	96	1.96	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

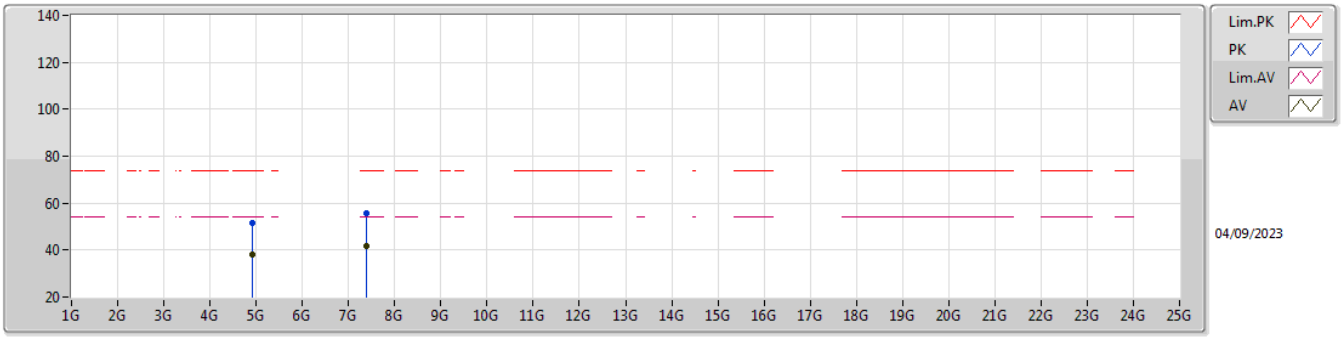


EUT Y_2TX
Setting 37
06-C-R-7

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	2.4608G	114.54	Inf	-Inf	82.27	3	Horizontal	324	1.90	-	27.40	4.87	-
AV	2.4608G	104.30	Inf	-Inf	72.03	3	Horizontal	324	1.90	-	27.40	4.87	-
PK	2.4864G	63.46	74.00	-10.54	31.20	3	Horizontal	324	1.90	-	27.40	4.86	-
AV	2.4835G	48.17	54.00	-5.83	15.91	3	Horizontal	324	1.90	-	27.40	4.86	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

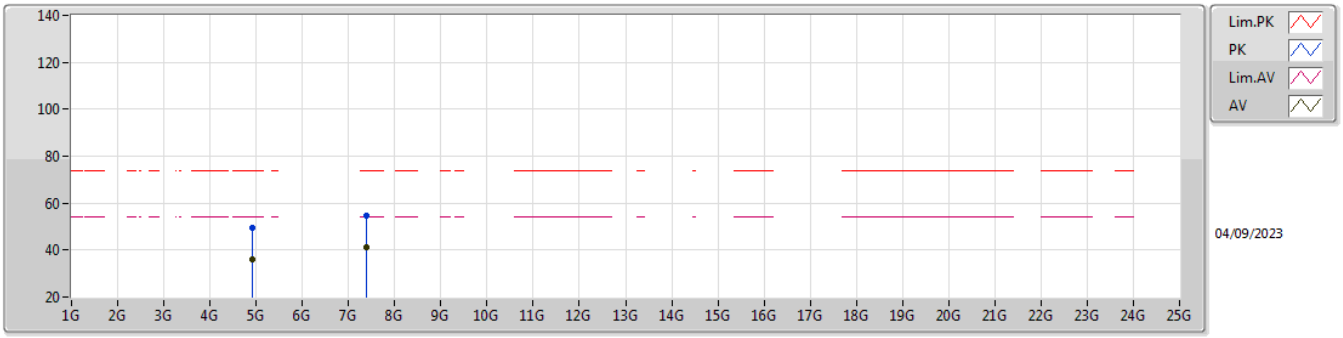


EUT Y_2TX
Setting 37
06-C-R-7

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	4.9254G	51.45	74.00	-22.55	44.68	3	Vertical	20	1.80	-	31.40	6.70	31.33
AV	4.9255G	38.10	54.00	-15.90	31.33	3	Vertical	20	1.80	-	31.40	6.70	31.33
PK	7.3897G	55.56	74.00	-18.44	43.78	3	Vertical	21	2.17	-	36.60	7.89	32.71
AV	7.3839G	41.95	54.00	-12.05	30.17	3	Vertical	21	2.17	-	36.60	7.89	32.71

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

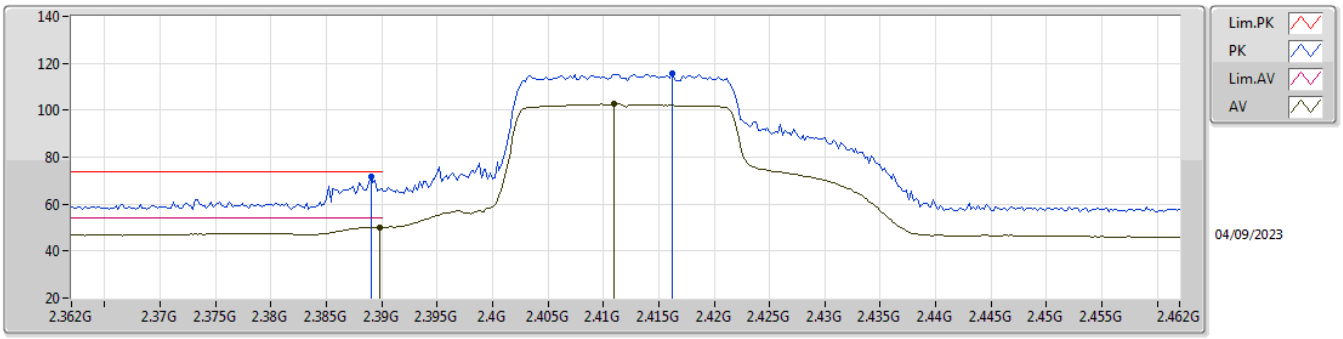


EUT Y_2TX
Setting 37
06-C-R-7

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	4.9284G	49.45	74.00	-24.55	42.67	3	Horizontal	48	1.65	-	31.41	6.70	31.33
AV	4.9234G	35.91	54.00	-18.09	29.15	3	Horizontal	48	1.65	-	31.39	6.70	31.33
PK	7.3777G	54.69	74.00	-19.31	42.90	3	Horizontal	133	1.98	-	36.60	7.89	32.70
AV	7.3803G	41.19	54.00	-12.81	29.40	3	Horizontal	133	1.98	-	36.60	7.89	32.70

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

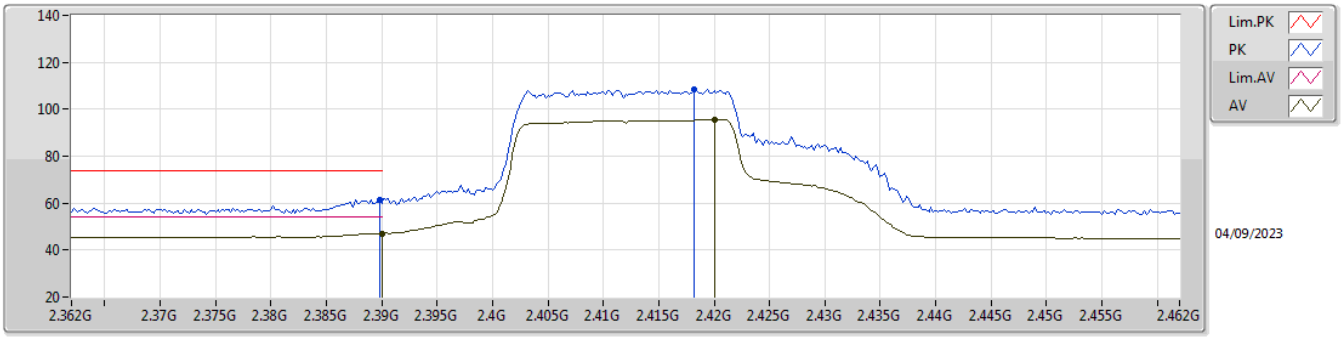


EUT Y_2TX
Setting 32
06-C-S-5

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	71.91	74.00	-2.09	39.34	3	Vertical	108	1.38	-	27.70	4.87	-
AV	2.3898G	50.22	54.00	-3.78	17.65	3	Vertical	108	1.38	-	27.70	4.87	-
PK	2.4162G	115.75	Inf	-Inf	83.26	3	Vertical	108	1.38	-	27.60	4.89	-
AV	2.411G	102.67	Inf	-Inf	70.18	3	Vertical	108	1.38	-	27.60	4.89	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

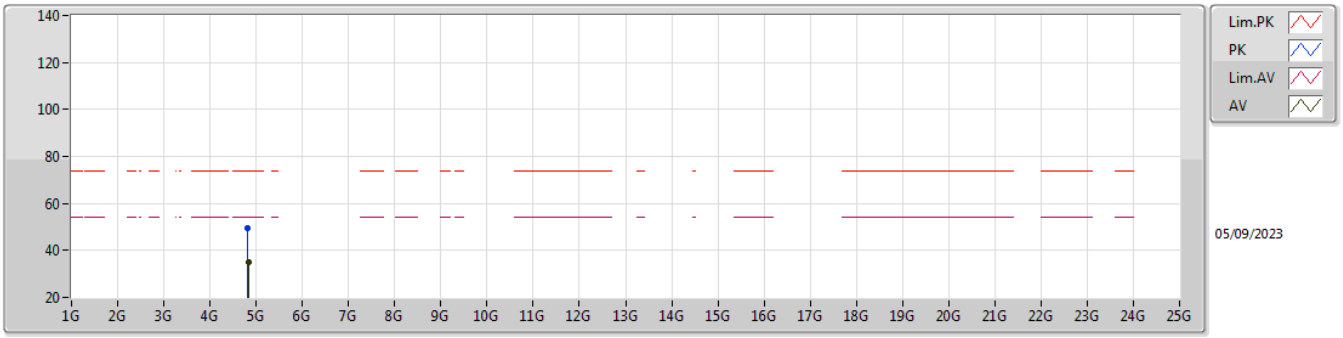


EUT Y_2TX
Setting 32
06-C-S-5

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	61.39	74.00	-12.61	28.82	3	Horizontal	344.6	1.80	-	27.70	4.87	-
AV	2.39G	47.10	54.00	-6.90	14.53	3	Horizontal	344.6	1.80	-	27.70	4.87	-
PK	2.4182G	108.60	Inf	-Inf	76.11	3	Horizontal	344.6	1.80	-	27.60	4.89	-
AV	2.42G	95.57	Inf	-Inf	63.08	3	Horizontal	344.6	1.80	-	27.60	4.89	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

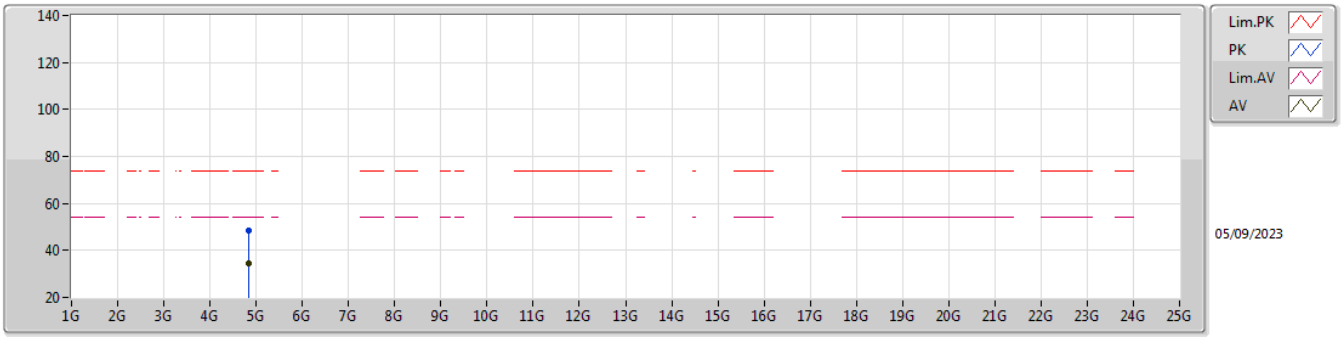


EUT Y_2TX
Setting 32
06-C-R-7

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	4.8148G	49.38	74.00	-24.62	42.79	3	Vertical	22	1.80	-	31.30	6.70	31.41
AV	4.8357G	35.19	54.00	-18.81	28.59	3	Vertical	22	1.80	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

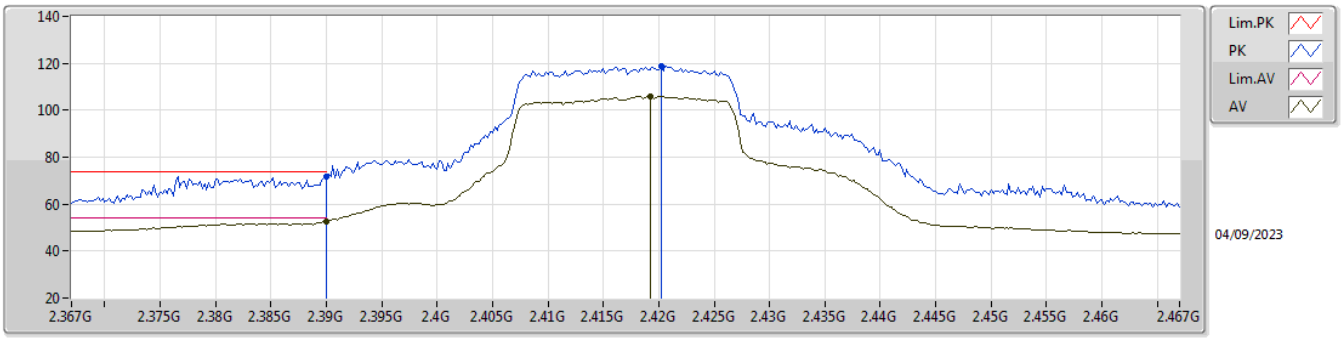


EUT Y_2TX
Setting 32
06-C-R-7

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	4.8394G	48.64	74.00	-25.36	42.03	3	Horizontal	182	2.57	-	31.30	6.70	31.39
AV	4.8356G	34.31	54.00	-19.69	27.71	3	Horizontal	182	2.57	-	31.30	6.70	31.40

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

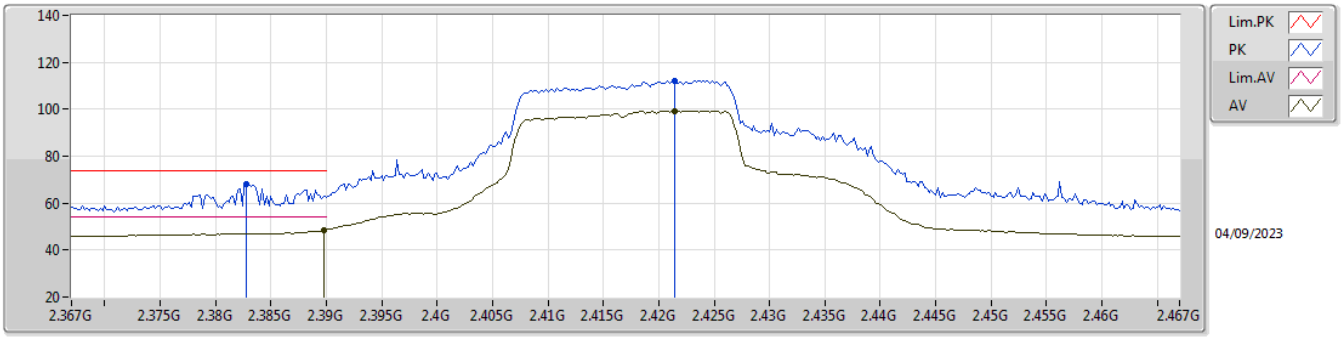


EUT Y_2TX
Setting 37
06-C-S-5

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	71.73	74.00	-2.27	39.16	3	Vertical	106	1.20	-	27.70	4.87	-
AV	2.39G	52.39	54.00	-1.61	19.82	3	Vertical	106	1.20	-	27.70	4.87	-
PK	2.4202G	118.97	Inf	-Inf	86.48	3	Vertical	106	1.20	-	27.60	4.89	-
AV	2.4192G	105.83	Inf	-Inf	73.34	3	Vertical	106	1.20	-	27.60	4.89	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

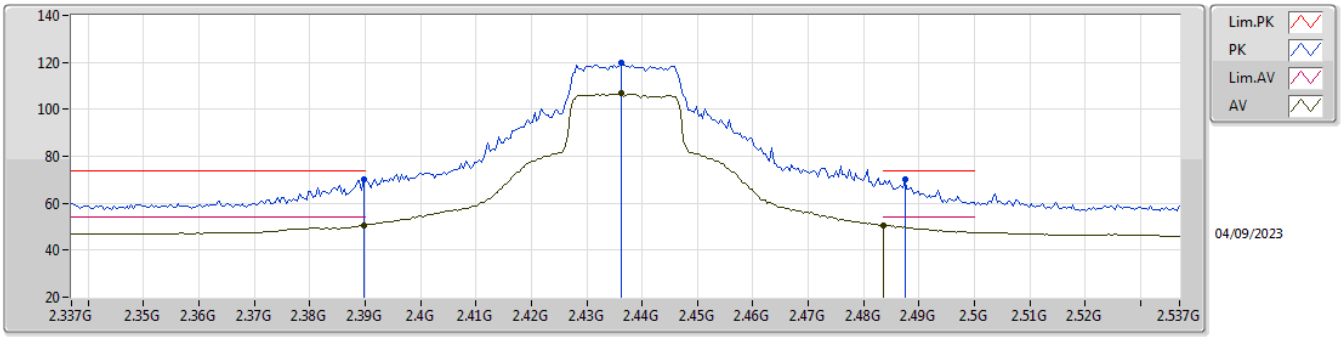


EUT Y_2TX
Setting 37
06-C-S-5

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	68.33	74.00	-5.67	35.77	3	Horizontal	341.2	1.80	-	27.70	4.86	-
AV	2.3898G	48.63	54.00	-5.37	16.06	3	Horizontal	341.2	1.80	-	27.70	4.87	-
PK	2.4214G	112.22	Inf	-Inf	79.74	3	Horizontal	341.2	1.80	-	27.59	4.89	-
AV	2.4214G	99.34	Inf	-Inf	66.86	3	Horizontal	341.2	1.80	-	27.59	4.89	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

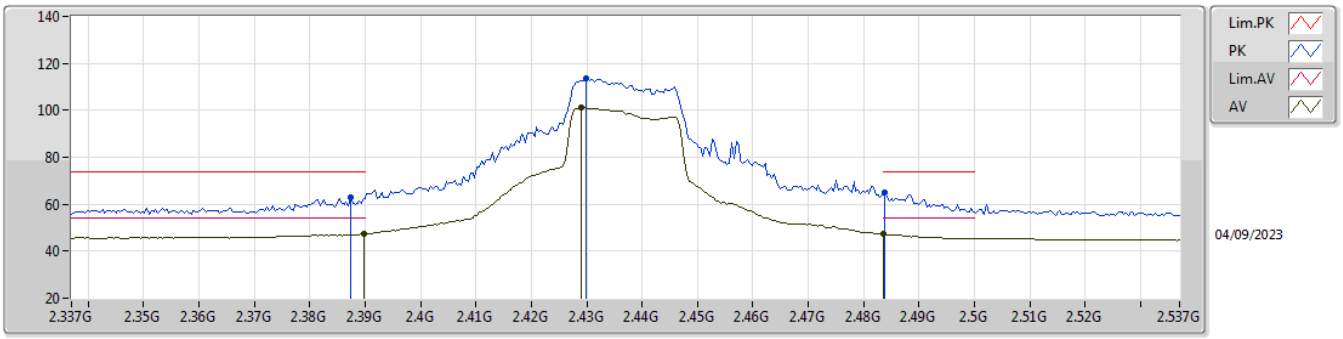


EUT Y_2TX
Setting 40
06-C-S-5

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	69.99	74.00	-4.01	37.42	3	Vertical	110	1.80	-	27.70	4.87	-
AV	2.3898G	50.49	54.00	-3.51	17.92	3	Vertical	110	1.80	-	27.70	4.87	-
PK	2.4362G	119.77	Inf	-Inf	87.39	3	Vertical	110	1.80	-	27.50	4.88	-
AV	2.4362G	106.77	Inf	-Inf	74.39	3	Vertical	110	1.80	-	27.50	4.88	-
PK	2.4874G	70.37	74.00	-3.63	38.11	3	Vertical	110	1.80	-	27.40	4.86	-
AV	2.4835G	50.64	54.00	-3.36	18.38	3	Vertical	110	1.80	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

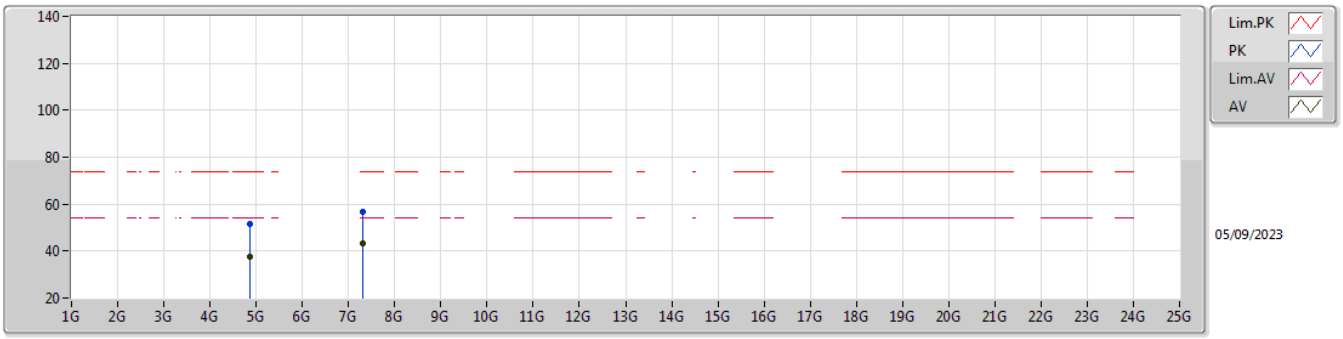


EUT Y_2TX
Setting 40
06-C-S-5

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	2.3874G	62.84	74.00	-11.16	30.27	3	Horizontal	349.4	1.80	-	27.70	4.87	-
AV	2.3898G	47.41	54.00	-6.59	14.84	3	Horizontal	349.4	1.80	-	27.70	4.87	-
PK	2.4298G	113.72	Inf	-Inf	81.33	3	Horizontal	349.4	1.80	-	27.50	4.89	-
AV	2.429G	101.08	Inf	-Inf	68.68	3	Horizontal	349.4	1.80	-	27.51	4.89	-
PK	2.4838G	65.13	74.00	-8.87	32.87	3	Horizontal	349.4	1.80	-	27.40	4.86	-
AV	2.4835G	47.31	54.00	-6.69	15.05	3	Horizontal	349.4	1.80	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

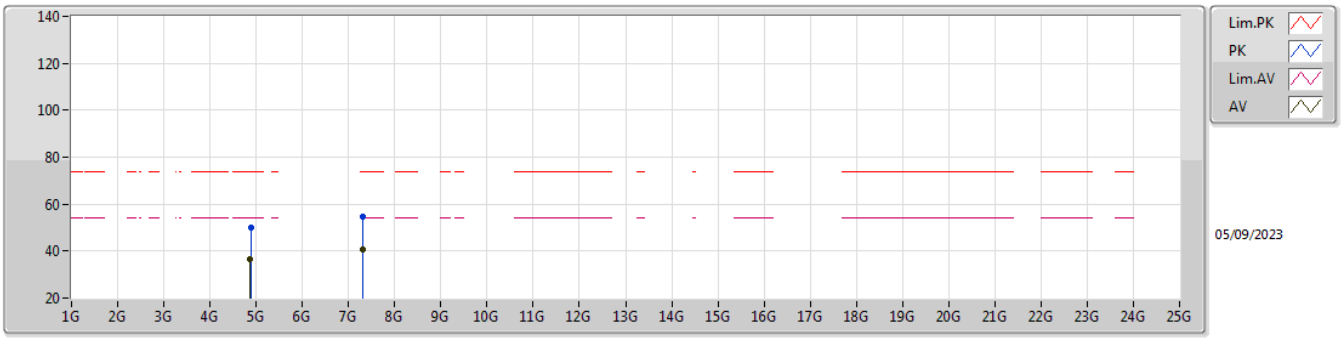


EUT Y_2TX
Setting 40
06-C-R-7

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	4.8716G	51.75	74.00	-22.25	45.12	3	Vertical	61	1.80	-	31.30	6.70	31.37
AV	4.8742G	37.59	54.00	-16.41	30.96	3	Vertical	61	1.80	-	31.30	6.70	31.37
PK	7.3102G	56.68	74.00	-17.32	44.82	3	Vertical	342	2.12	-	36.60	7.86	32.60
AV	7.3103G	43.22	54.00	-10.78	31.36	3	Vertical	342	2.12	-	36.60	7.86	32.60

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

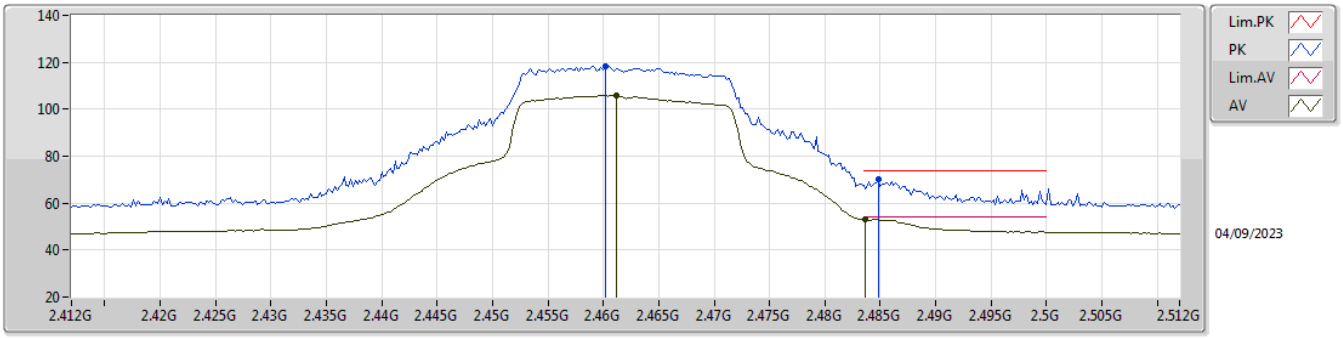


EUT Y_2TX
Setting 40
06-C-R-7

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	4.878G	50.07	74.00	-23.93	43.44	3	Horizontal	187	1.83	-	31.30	6.70	31.37
AV	4.873G	36.55	54.00	-17.45	29.92	3	Horizontal	187	1.83	-	31.30	6.70	31.37
PK	7.307G	54.69	74.00	-19.31	42.84	3	Horizontal	203	1.63	-	36.60	7.85	32.60
AV	7.307G	40.54	54.00	-13.46	28.69	3	Horizontal	203	1.63	-	36.60	7.85	32.60

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

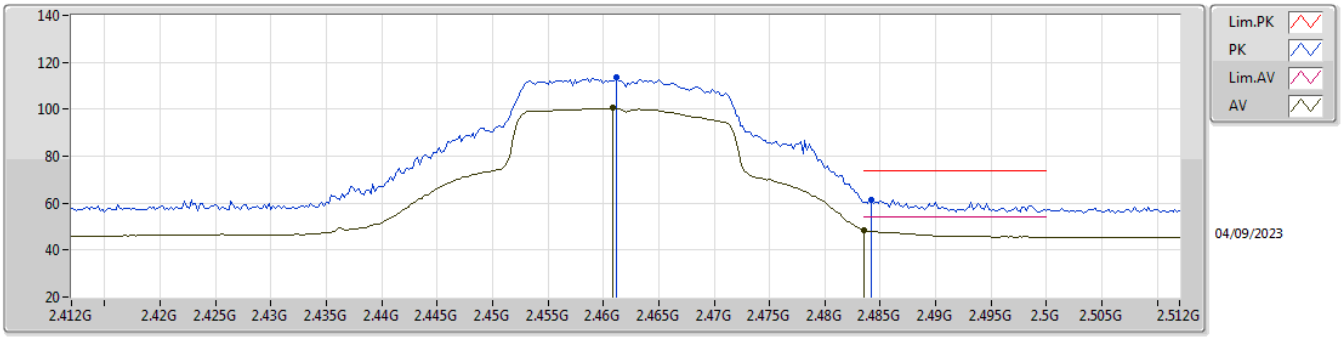


EUT Y_2TX
Setting 36
06-C-S-5

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	2.4602G	118.21	Inf	-Inf	85.94	3	Vertical	92	1.92	-	27.40	4.87	-
AV	2.4612G	105.72	Inf	-Inf	73.45	3	Vertical	92	1.92	-	27.40	4.87	-
PK	2.4848G	70.00	74.00	-4.00	37.74	3	Vertical	92	1.92	-	27.40	4.86	-
AV	2.4836G	52.88	54.00	-1.12	20.62	3	Vertical	92	1.92	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

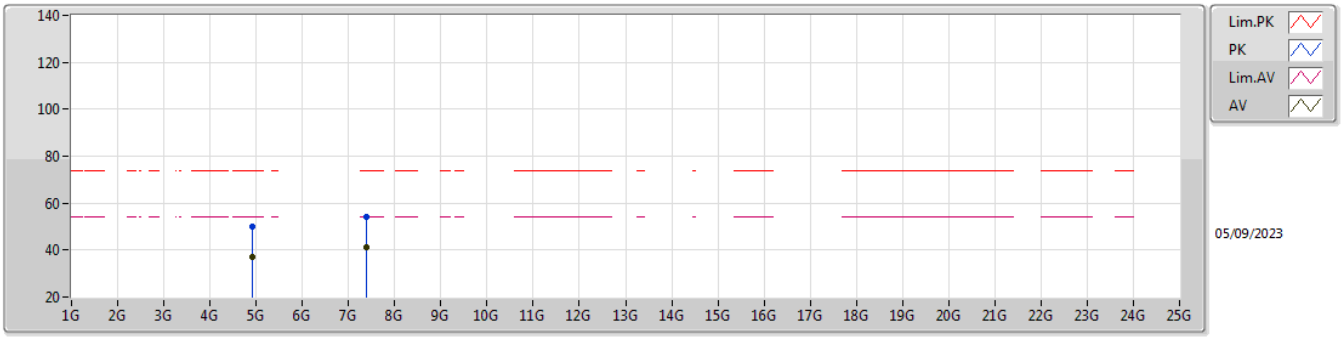


EUT Y_2TX
Setting 36
06-C-S-5

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	2.4612G	113.49	Inf	-Inf	81.22	3	Horizontal	336	2.15	-	27.40	4.87	-
AV	2.4608G	100.47	Inf	-Inf	68.20	3	Horizontal	336	2.15	-	27.40	4.87	-
PK	2.4842G	61.36	74.00	-12.64	29.10	3	Horizontal	336	2.15	-	27.40	4.86	-
AV	2.4835G	48.47	54.00	-5.53	16.21	3	Horizontal	336	2.15	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

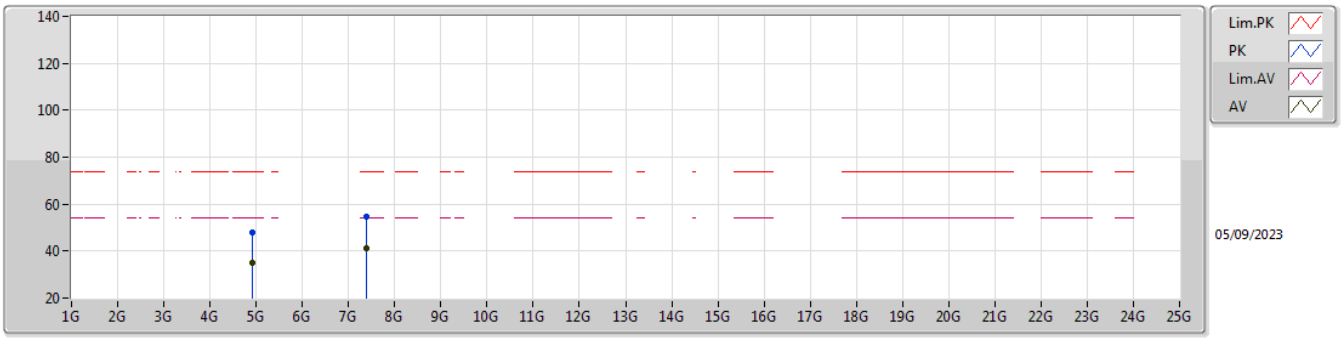


EUT Y_2TX
Setting 36
06-C-R-7

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	4.9199G	50.07	74.00	-23.93	43.33	3	Vertical	67	1.80	-	31.38	6.70	31.34
AV	4.927G	36.87	54.00	-17.13	30.09	3	Vertical	67	1.80	-	31.41	6.70	31.33
PK	7.3805G	54.37	74.00	-19.63	42.58	3	Vertical	286	1.80	-	36.60	7.89	32.70
AV	7.3805G	41.07	54.00	-12.93	29.28	3	Vertical	286	1.80	-	36.60	7.89	32.70

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

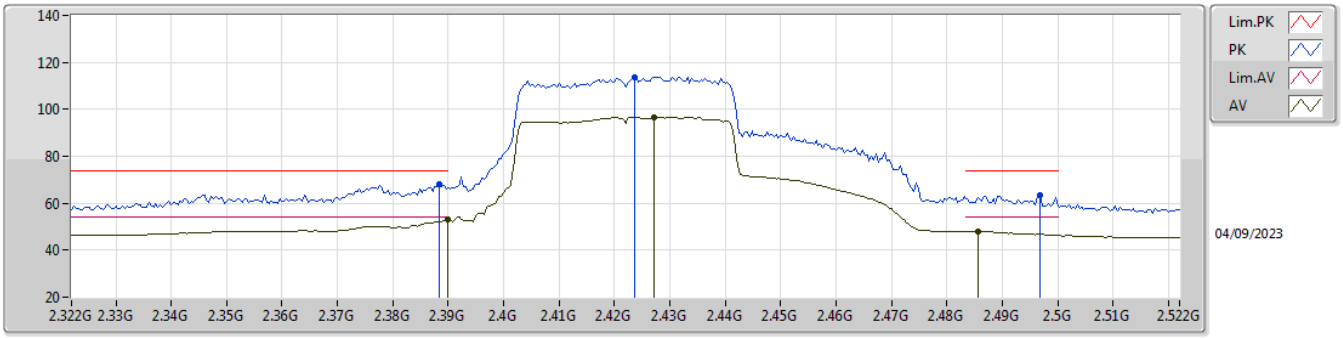


EUT Y_2TX
Setting 36
06-C-R-7

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	4.9259G	47.78	74.00	-26.22	41.01	3	Horizontal	316	2.83	-	31.40	6.70	31.33
AV	4.9194G	35.04	54.00	-18.96	28.30	3	Horizontal	316	2.83	-	31.38	6.70	31.34
PK	7.3873G	54.47	74.00	-19.53	42.69	3	Horizontal	236	2.51	-	36.60	7.89	32.71
AV	7.3832G	40.98	54.00	-13.02	29.19	3	Horizontal	236	2.51	-	36.60	7.89	32.70

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

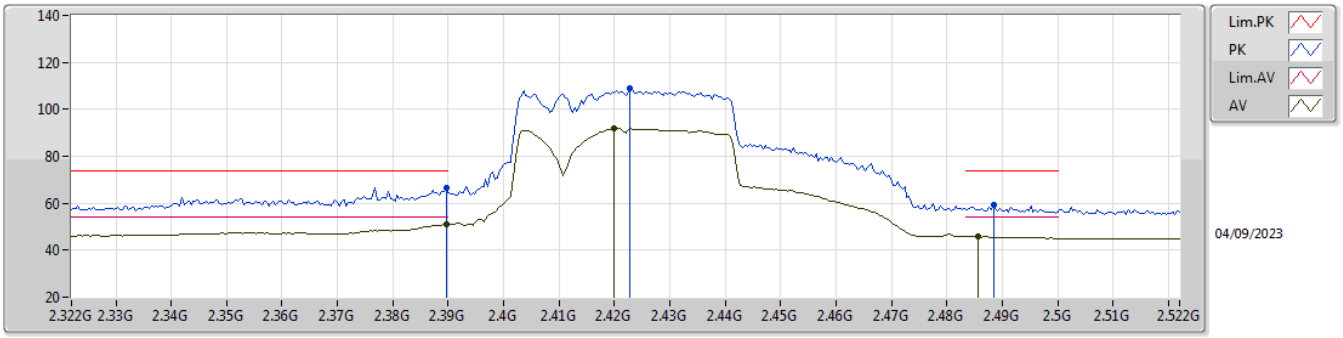


EUT Y_2TX
Setting 36
06-C-S-5

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	2.3884G	67.89	74.00	-6.11	35.32	3	Vertical	108	1.80	-	27.70	4.87	-
AV	2.39G	52.96	54.00	-1.04	20.39	3	Vertical	108	1.80	-	27.70	4.87	-
PK	2.4236G	113.77	Inf	-Inf	81.32	3	Vertical	108	1.80	-	27.56	4.89	-
AV	2.4272G	96.69	Inf	-Inf	64.27	3	Vertical	108	1.80	-	27.53	4.89	-
PK	2.4968G	63.27	74.00	-10.73	31.02	3	Vertical	108	1.80	-	27.40	4.85	-
AV	2.4856G	47.95	54.00	-6.05	15.69	3	Vertical	108	1.80	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

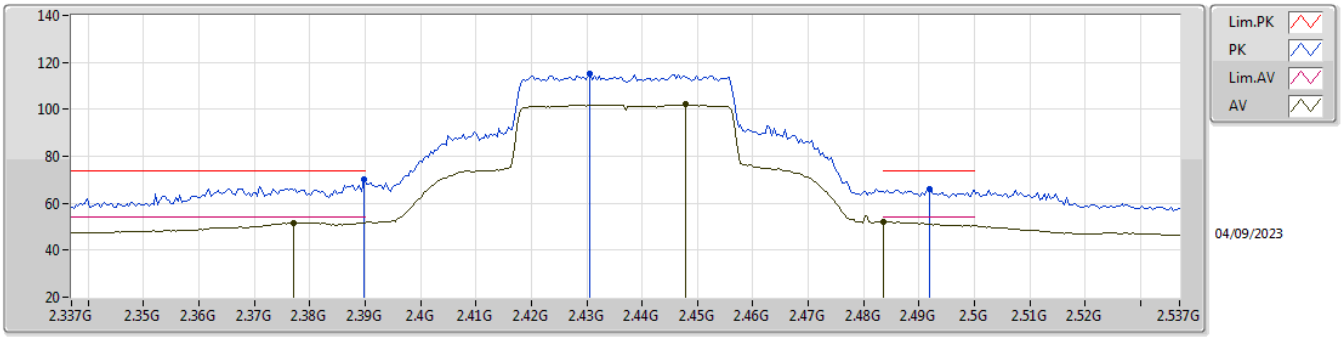


EUT Y_2TX
Setting 36
06-C-S-5

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	2.3896G	66.69	74.00	-7.31	34.12	3	Horizontal	328.8	2.42	-	27.70	4.87	-
AV	2.3896G	51.15	54.00	-2.85	18.58	3	Horizontal	328.8	2.42	-	27.70	4.87	-
PK	2.4228G	109.08	Inf	-Inf	76.62	3	Horizontal	328.8	2.42	-	27.57	4.89	-
AV	2.42G	91.83	Inf	-Inf	59.34	3	Horizontal	328.8	2.42	-	27.60	4.89	-
PK	2.4884G	59.53	74.00	-14.47	27.27	3	Horizontal	328.8	2.42	-	27.40	4.86	-
AV	2.4856G	45.75	54.00	-8.25	13.49	3	Horizontal	328.8	2.42	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

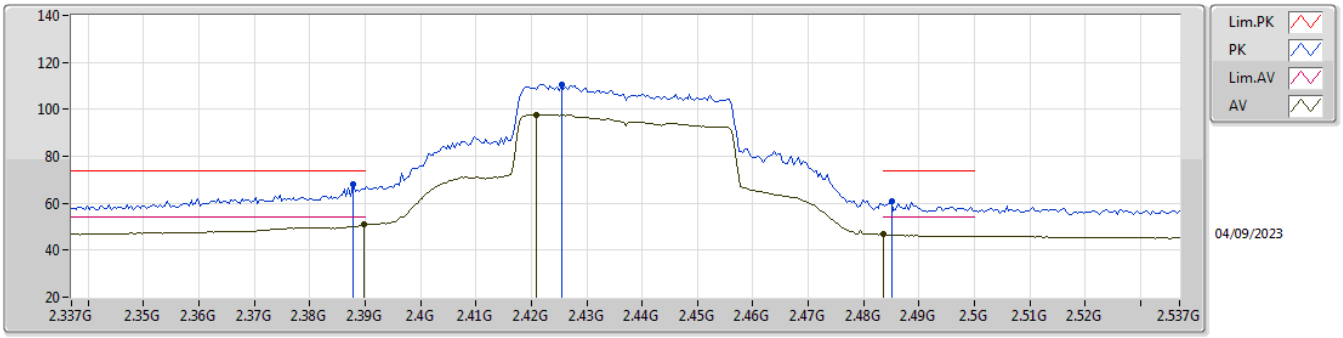


EUT Y_2TX
Setting 38
06-C-S-5

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	70.16	74.00	-3.84	37.59	3	Vertical	111	1.80	-	27.70	4.87	-
AV	2.377G	51.80	54.00	-2.20	19.23	3	Vertical	111	1.80	-	27.73	4.84	-
PK	2.4306G	115.31	Inf	-Inf	82.93	3	Vertical	111	1.80	-	27.50	4.88	-
AV	2.4478G	102.01	Inf	-Inf	69.63	3	Vertical	111	1.80	-	27.50	4.88	-
PK	2.4918G	66.02	74.00	-7.98	33.77	3	Vertical	111	1.80	-	27.40	4.85	-
AV	2.4835G	51.89	54.00	-2.11	19.63	3	Vertical	111	1.80	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

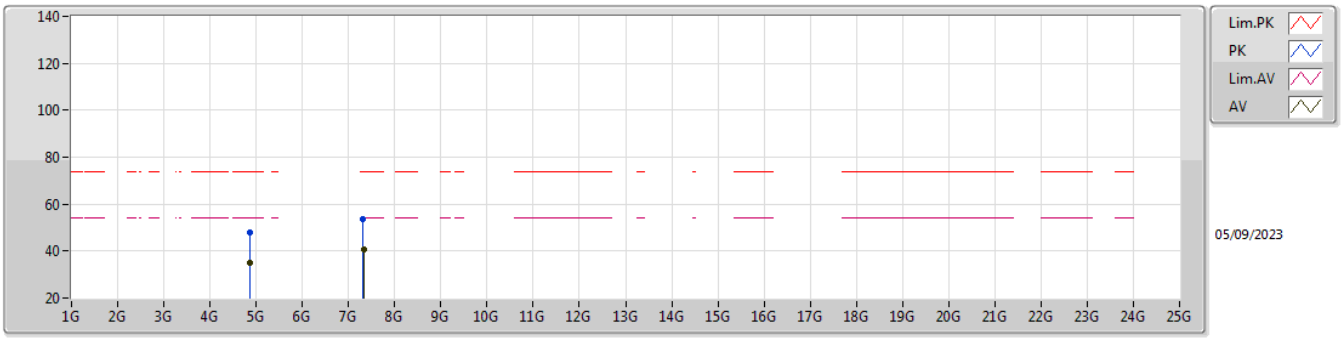


EUT Y_2TX
Setting 38
06-C-S-5

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	2.3878G	68.05	74.00	-5.95	35.48	3	Horizontal	341	2.47	-	27.70	4.87	-
AV	2.3898G	50.86	54.00	-3.14	18.29	3	Horizontal	341	2.47	-	27.70	4.87	-
PK	2.4254G	110.72	Inf	-Inf	78.28	3	Horizontal	341	2.47	-	27.55	4.89	-
AV	2.421G	97.83	Inf	-Inf	65.35	3	Horizontal	341	2.47	-	27.59	4.89	-
PK	2.485G	60.78	74.00	-13.22	28.52	3	Horizontal	341	2.47	-	27.40	4.86	-
AV	2.4835G	46.80	54.00	-7.20	14.54	3	Horizontal	341	2.47	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

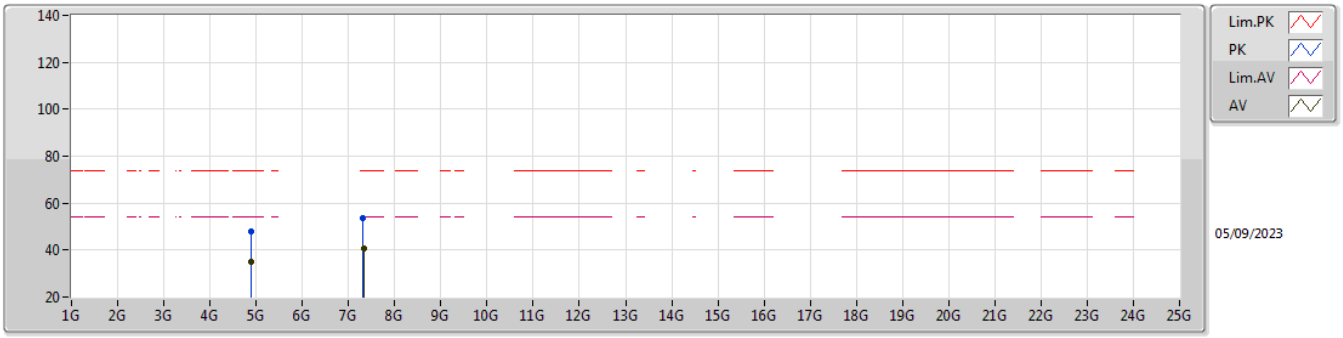


EUT Y_2TX
Setting 38
06-C-R-7

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	4.8679G	47.89	74.00	-26.11	41.26	3	Vertical	110	1.51	-	31.30	6.70	31.37
AV	4.8541G	34.98	54.00	-19.02	28.36	3	Vertical	110	1.51	-	31.30	6.70	31.38
PK	7.3094G	53.69	74.00	-20.31	41.84	3	Vertical	352	2.76	-	36.60	7.85	32.60
AV	7.3359G	40.65	54.00	-13.35	28.82	3	Vertical	352	2.76	-	36.60	7.87	32.64

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

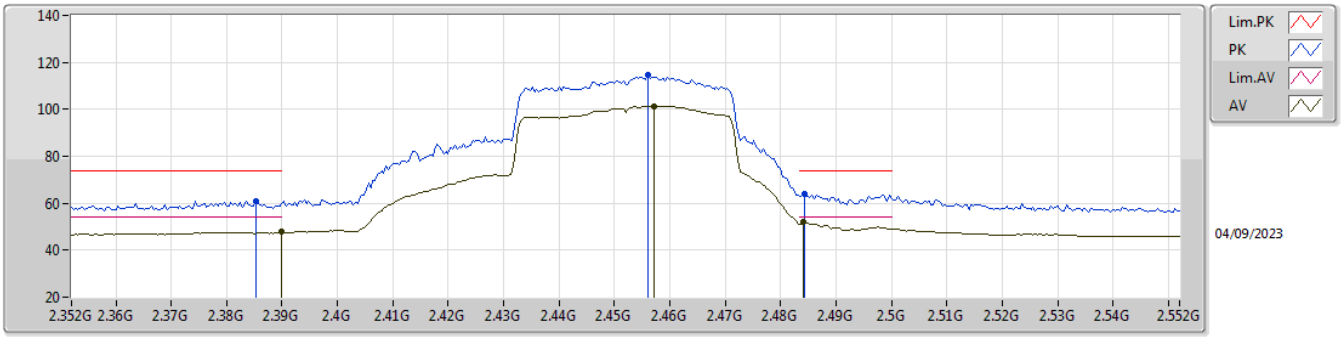


EUT Y_2TX
Setting 38
06-C-R-7

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	4.8847G	48.17	74.00	-25.83	41.53	3	Horizontal	249	2.31	-	31.30	6.70	31.36
AV	4.8976G	34.96	54.00	-19.04	28.31	3	Horizontal	249	2.31	-	31.30	6.70	31.35
PK	7.2967G	53.60	74.00	-20.40	41.72	3	Horizontal	155	1.06	-	36.61	7.85	32.58
AV	7.3293G	40.72	54.00	-13.28	28.89	3	Horizontal	155	1.06	-	36.60	7.86	32.63

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

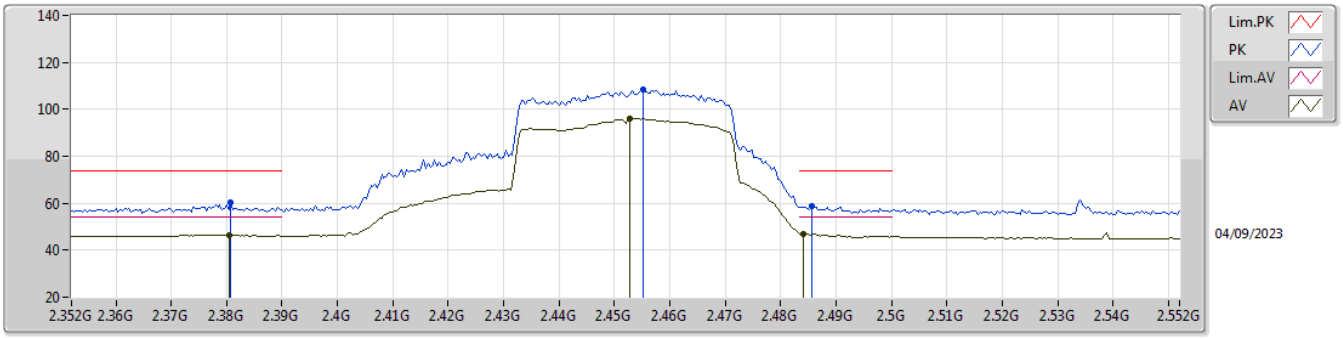


EUT Y_2TX
Setting 34
06-C-S-5

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	2.3852G	60.91	74.00	-13.09	28.35	3	Vertical	95	2.01	-	27.70	4.86	-
AV	2.39G	47.73	54.00	-6.27	15.16	3	Vertical	95	2.01	-	27.70	4.87	-
PK	2.456G	114.48	Inf	-Inf	82.17	3	Vertical	95	2.01	-	27.44	4.87	-
AV	2.4572G	101.46	Inf	-Inf	69.16	3	Vertical	95	2.01	-	27.43	4.87	-
PK	2.4844G	64.13	74.00	-9.87	31.87	3	Vertical	95	2.01	-	27.40	4.86	-
AV	2.484G	51.99	54.00	-2.01	19.73	3	Vertical	95	2.01	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

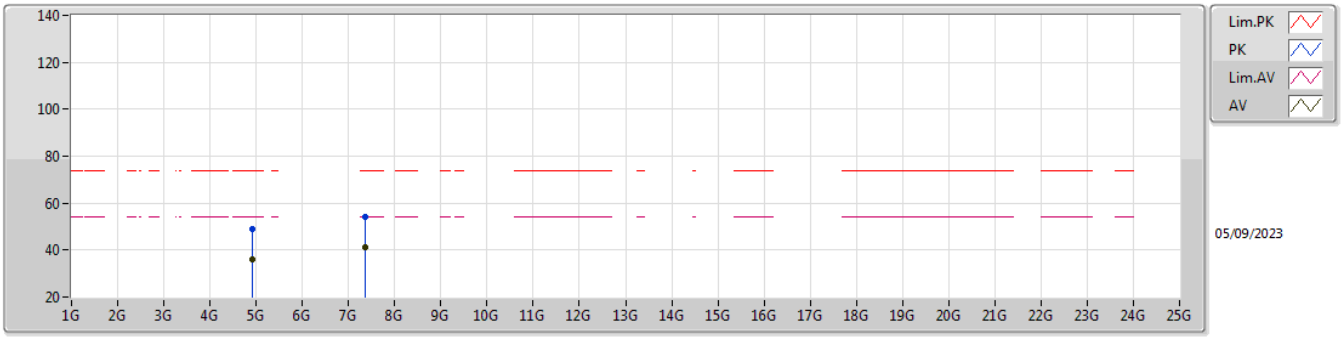


EUT Y_2TX
Setting 34
06-C-S-5

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	2.3808G	60.28	74.00	-13.72	27.73	3	Horizontal	346.7	2.18	-	27.70	4.85	-
AV	2.3804G	46.41	54.00	-7.59	13.86	3	Horizontal	346.7	2.18	-	27.70	4.85	-
PK	2.4552G	108.56	Inf	-Inf	76.24	3	Horizontal	346.7	2.18	-	27.45	4.87	-
AV	2.4528G	96.18	Inf	-Inf	63.84	3	Horizontal	346.7	2.18	-	27.47	4.87	-
PK	2.4856G	58.57	74.00	-15.43	26.31	3	Horizontal	346.7	2.18	-	27.40	4.86	-
AV	2.484G	47.12	54.00	-6.88	14.86	3	Horizontal	346.7	2.18	-	27.40	4.86	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

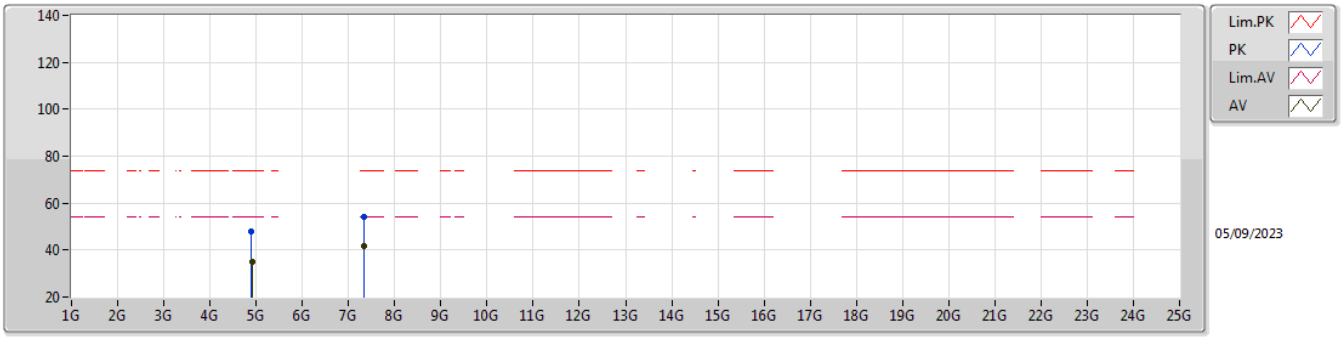


EUT Y_2TX
Setting 38
06-C-R-7

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	4.9269G	49.06	74.00	-24.94	42.28	3	Vertical	217	2.70	-	31.41	6.70	31.33
AV	4.9224G	35.84	54.00	-18.16	29.08	3	Vertical	217	2.70	-	31.39	6.70	31.33
PK	7.3521G	53.92	74.00	-20.08	42.10	3	Vertical	129	2.41	-	36.60	7.88	32.66
AV	7.3541G	41.19	54.00	-12.81	29.37	3	Vertical	129	2.41	-	36.60	7.88	32.66

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Y_2TX
Setting 38
06-C-R-7

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	4.8965G	47.80	74.00	-26.20	41.15	3	Horizontal	61	1.85	-	31.30	6.70	31.35
AV	4.9195G	35.18	54.00	-18.82	28.44	3	Horizontal	61	1.85	-	31.38	6.70	31.34
PK	7.3411G	53.89	74.00	-20.11	42.06	3	Horizontal	153	1.31	-	36.60	7.87	32.64
AV	7.3462G	41.61	54.00	-12.39	29.79	3	Horizontal	153	1.31	-	36.60	7.87	32.65