

FCC Radio Test Report

FCC ID : H8NSBE1V1K
Equipment : WiFi 7 Router
Model Name : SBE1V1K
Applicant : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist.,
New Taipei City, Taiwan
Manufacturer : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist.,
New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 08, 2023, and testing was started from Dec. 22, 2023 and completed on Feb. 02, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	9
2 TEST CONFIGURATION OF EUT.....	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration.....	12
2.3 Accessories	13
2.4 Support Equipment.....	13
2.5 Test Setup Diagram	14
3 TRANSMITTER TEST RESULT	16
3.1 AC Power-line Conducted Emissions	16
3.2 DTS Bandwidth.....	18
3.3 Maximum Conducted Output Power	19
3.4 Power Spectral Density	21
3.5 Emissions in Non-restricted Frequency Bands	22
3.6 Emissions in Restricted Frequency Bands.....	23
4 TEST EQUIPMENT AND CALIBRATION DATA.....	27
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX H. TEST PHOTOS	
PHOTOGRAPHS OF EUT V02	



History of this test report

Report No.	Version	Description	Issued Date
FR3N0237AC	01	Initial issue of report	Feb. 26, 2024
FR3N0237AC	02	Update Antenna Information and Photographs of EUT (This report is the latest version replacing for the report issued on Feb. 26, 2024)	Mar. 26, 2024



Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ryan Hsiao

Report Producer: Ann Hou

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), be(EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40) , be(EHT40)	2422-2452	3-9 [7]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11be EHT20	20	4TX
2.4-2.4835GHz	802.11be EHT40	40	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	4TX
2.4-2.4835GHz	802.11be EHT40-BF	40	4TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/ VHT20/VHT40/HEW20/HEW40 mode are the same or lower than EHT20/EHT40.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	NA	N03AKBYA	PCB	I-Pex	2.4G+5G	Radio 1
2	NA	N03AKBYB	PCB	I-Pex	2.4G+5G	Radio 1
3	NA	N03AKBYC	PCB	I-Pex	2.4G+5G	Radio 1
4	NA	N03AKBYD	PCB	I-Pex	2.4G+5G	Radio 1
5	NA	N06AKBYE	PCB	I-Pex	6G	Radio 2
6	NA	N06AKBYF	PCB	I-Pex	6G	Radio 2
7	NA	N06AKBG	PCB	I-Pex	6G	Radio 2
8	NA	N06AKBYH	PCB	I-Pex	6G	Radio 2
9	NA	N01AKBYJ	PCB	I-Pex	BT+Thread	Radio 3

Ant.	Port	Gain (dBi)									
		2.4G	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G	BT+Thread
1	1	3.1	4.97	5.15	5.24	5.22	-	-	-	-	-
2	2	1.08	3.48	3.77	4.84	4.89	-	-	-	-	-
3	3	1.62	2.48	4.45	4.3	5.28	-	-	-	-	-
4	4	1.27	1.28	2.25	3.67	4.13	-	-	-	-	-
5	1	-	-	-	-	-	3.65	2.68	2.4	2.38	-
6	2	-	-	-	-	-	3.09	2.54	3.38	1.79	-
7	3	-	-	-	-	-	4.21	3.27	3.47	2.7	-
8	4	-	-	-	-	-	3.78	3.55	2.51	2.69	-
9	1	-	-	-	-	-	-	-	-	-	5.3

Composite Gain (dBi)										
	2.4G	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G	
DG [1SS]	3.46	5.06	5.53	5.83	6.19	6.56	6.96	6.38	5.94	
DG [2SS]	3.1	4.97	5.15	5.24	5.28	4.21	3.96	3.47	2.94	
DG [4SS]	3.1	4.97	5.15	5.24	5.28	4.21	3.55	3.47	2.7	

Note 1: The EUT has nine antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP3N0237.

For 2.4GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

**For 6GHz function:**

For IEEE 802.11 ax/be mode (4TX/4RX)

Ant. 5 (port 1), Ant. 6 (port 2), Ant. 7 (port 3) and Ant. 8 (port 4) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 9 (port 1) could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 9 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.: ...			
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.: ...			
☐	Other:			

1.1.4 Mode Test Duty Cycle**Non-Beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_4TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_4TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.943	0.25	2.955m	1k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.948	0.23	3.676m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.



1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ivan Chung	22.1~22.5°C / 53~57%	26/Dec/2023
RF Conducted (Non-Beamforming)	TH06-HY	Vivi Jiang	22.2~23.4°C / 50~53%	26/Dec/2023
RF Conducted (Beamforming)	TH01-HY	Sonic Li	20.1~20.6°C / 57~61%	30/Jan/2024
Radiated (Non-Beamforming)	03CH03-HY	Vasari Huang	22.1~23.4°C / 52~57%	22/Dec/2023~24/Dec/2023
Radiated (Beamforming)	03CH03-HY	Simon Cheng	22.4~22.9°C / 50~52%	15/Jan/2024~29/Jan/2024
Radiated (Co-location)	03CH02-HY	Daniel Lin	21.9~22.6°C / 53~55%	01/Feb/2024~02/Feb/2024
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
☐ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				



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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	qdart_conn.win.1.0_installer_00099
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Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	24.5
2437MHz	24.5
2462MHz	24.5
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	25
2417MHz	25
2437MHz	25
2457MHz	25
2462MHz	25
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	25
2417MHz	24.5
2437MHz	25
2457MHz	25
2462MHz	24
802.11be EHT40_Nss1,(MCS0)_4TX	-
2422MHz	22.5
2427MHz	22
2437MHz	25
2447MHz	25
2452MHz	24.5

**Beamforming**

Test Software Version	PutTTY Release 0.62
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Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	30
2437MHz	30
2462MHz	30
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	30
2437MHz	30
2452MHz	30

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	CTX
1	Adapter mode

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
1	Adapter mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
2	WLAN 2.4GHz + WLAN 5GHz + Thread
3	WLAN 2.4GHz + WLAN 6GHz + Bluetooth
4	WLAN 2.4GHz + WLAN 6GHz + Thread
Refer to Sporton Test Report No.: FA3N0237 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
AC Adapter (US Plug)	Brand Name	DELTA	Model Name	RPSU3
	Power Rating	I/P: 100- 120 Vac, 1.0 A, O/P: 12.0 Vdc, 3.5 A		
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable [CAT. 6]	Power Cord	1.75 meter, non-shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

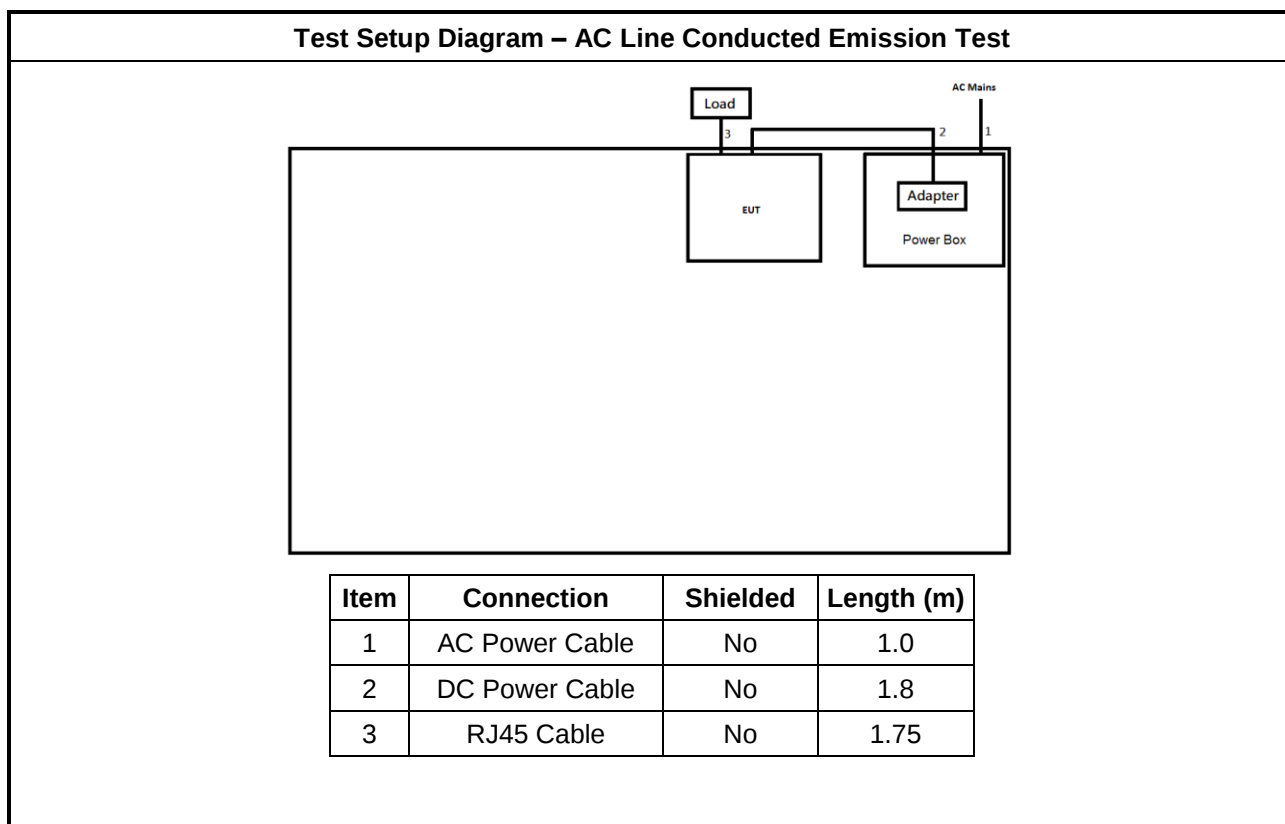
2.4 Support Equipment

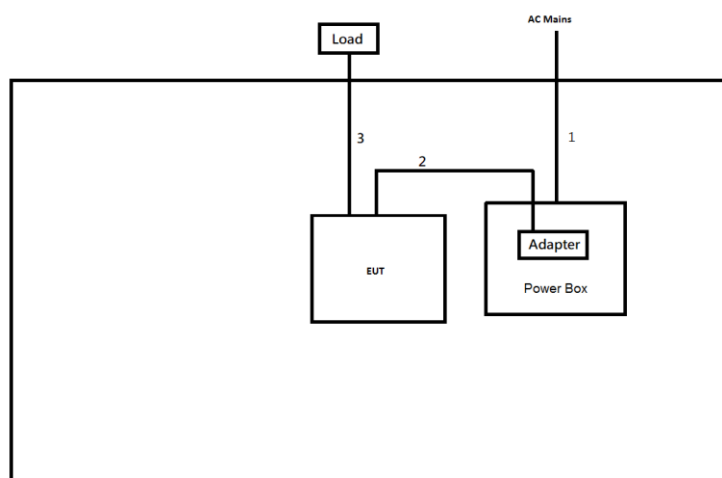
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Load	Sporton	Sporton	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

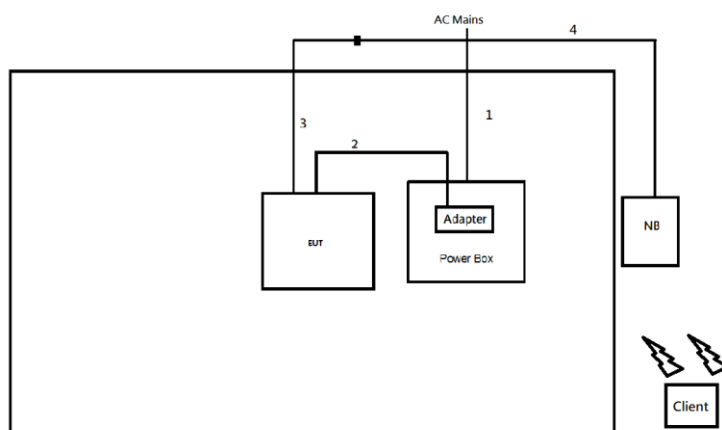
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Load	Sporton	Sporton	-	-
2	RJ45 cable	Power Sync	CAT-6E-01	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (Non-Beamforming)


Item	Connection	Shielded	Length (m)
1	AC Power Cable	No	1.8
2	DC Power Cable	No	1.8
3	RJ45 Cable	No	1.75

Test Setup Diagram - Radiated Test (Beamforming)


Item	Connection	Shielded	Length (m)
1	AC Power Cable	No	1.8
2	DC Power Cable	No	1.8
3	RJ45 Cable	No	1.75
4	RJ45 Cable	No	10.0



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

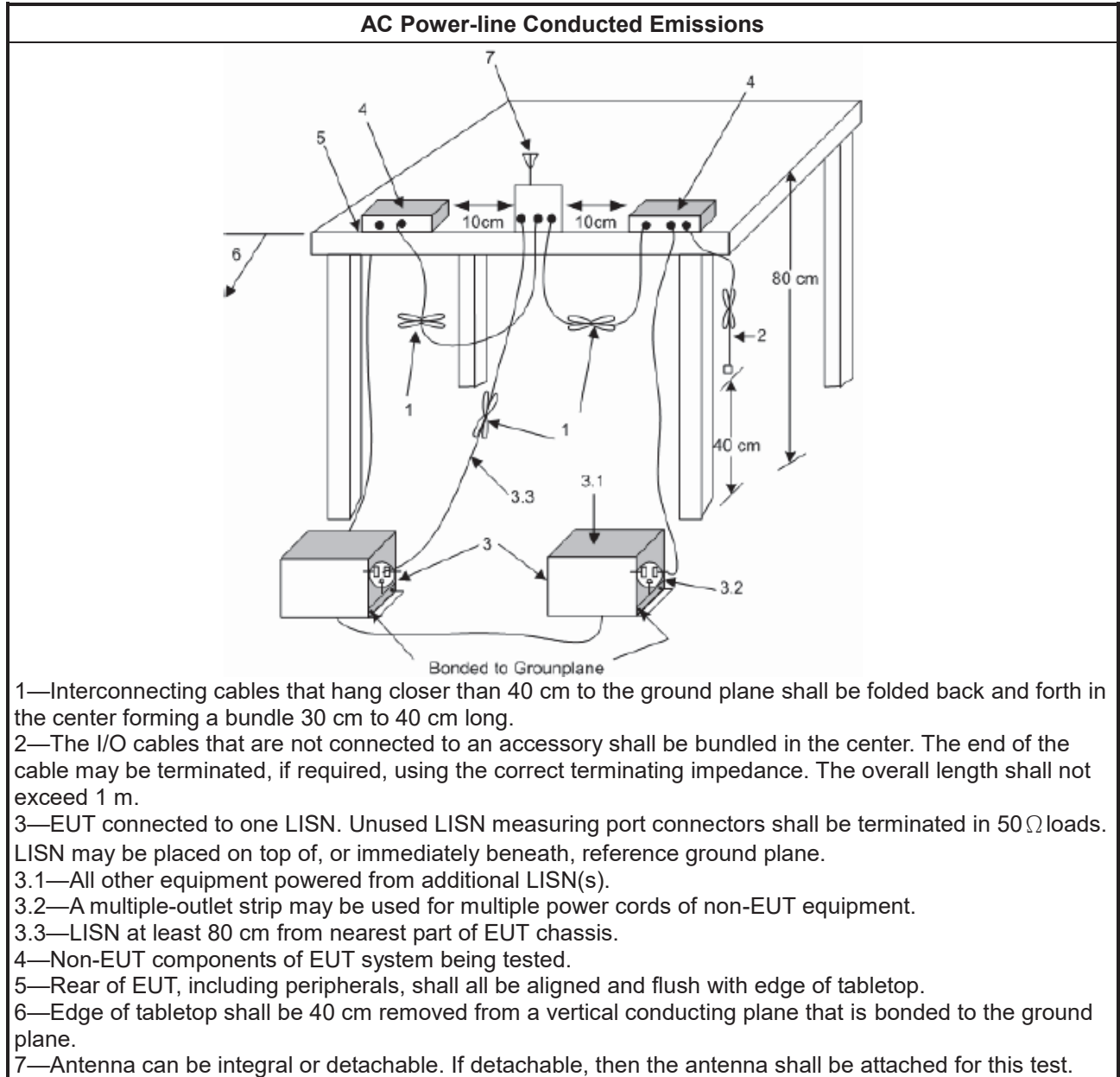
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

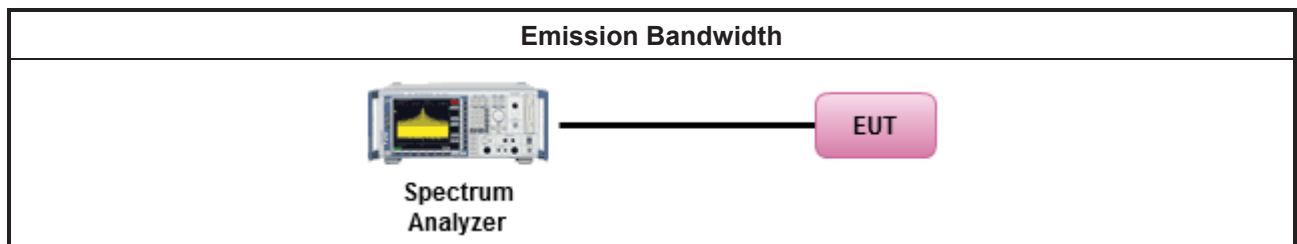
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.	

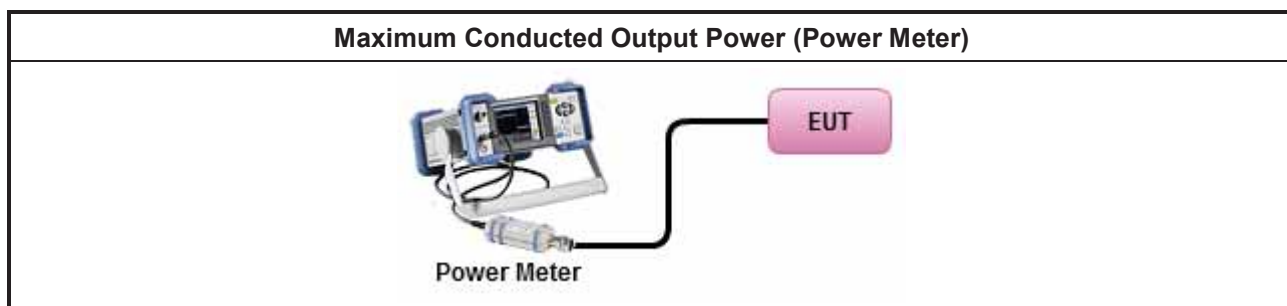
3.3.2 Measuring Instruments

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 KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

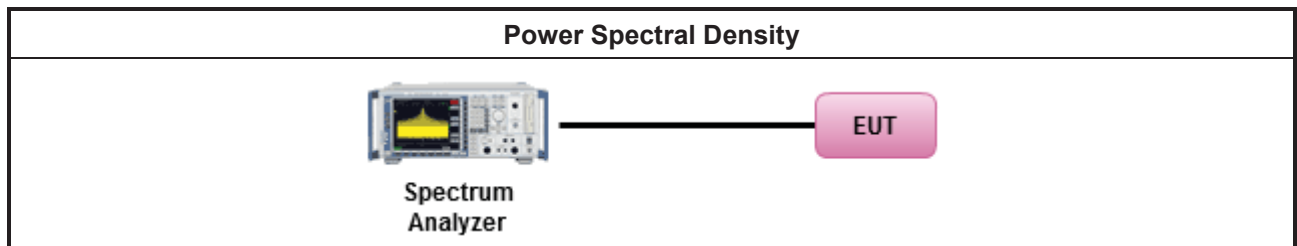
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as 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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
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 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 level.	

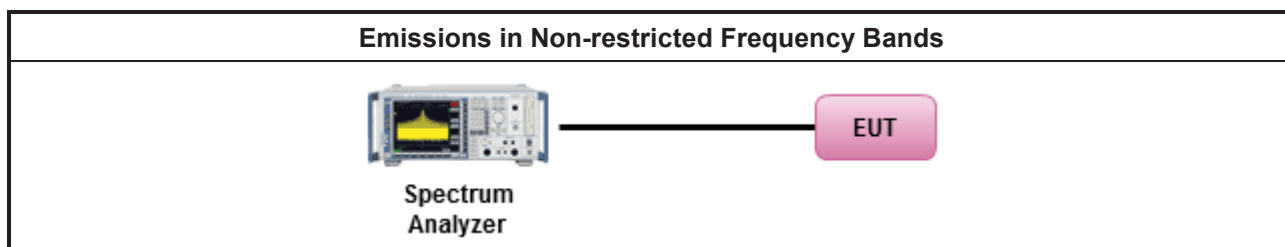
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

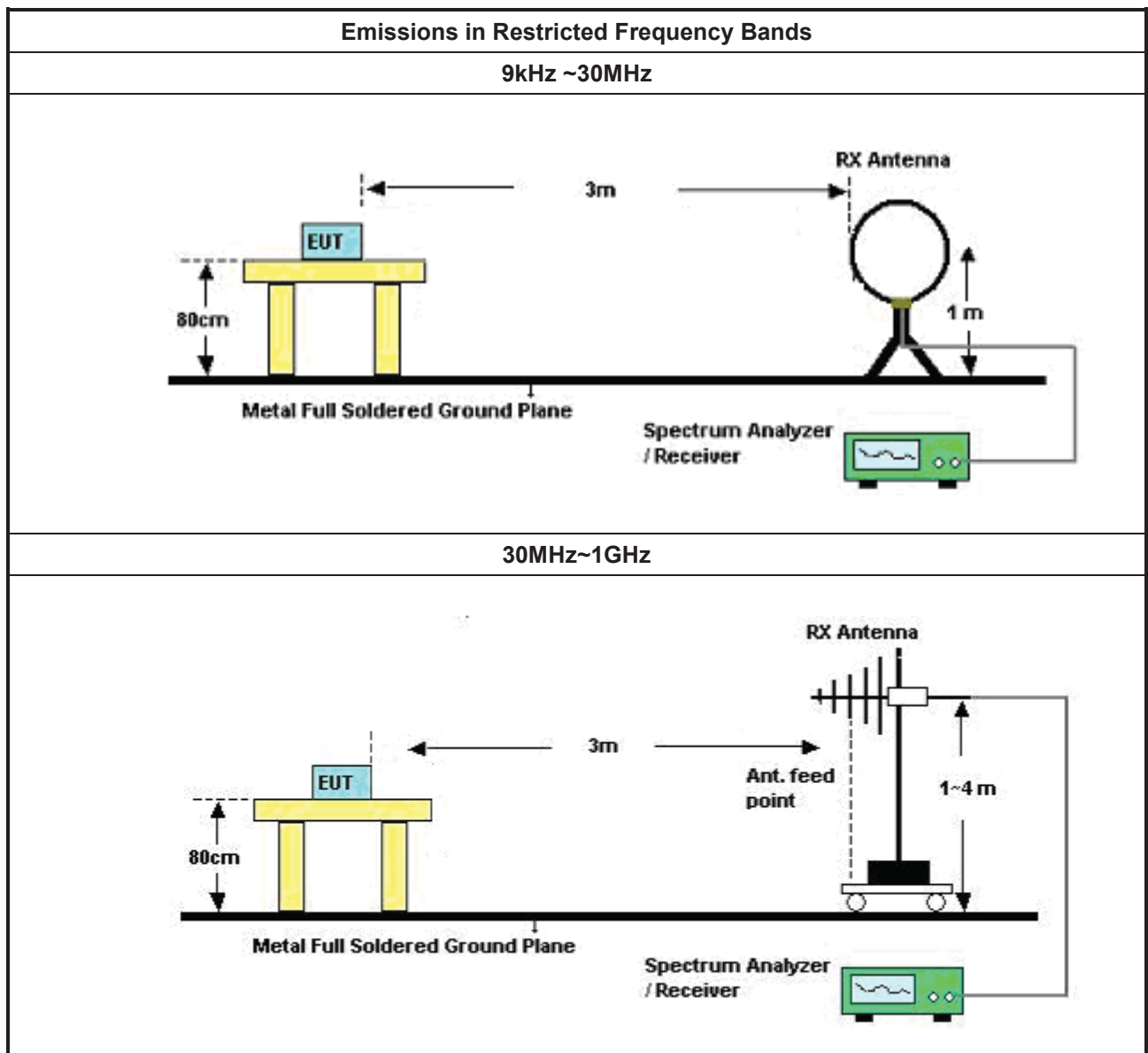
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, 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 KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

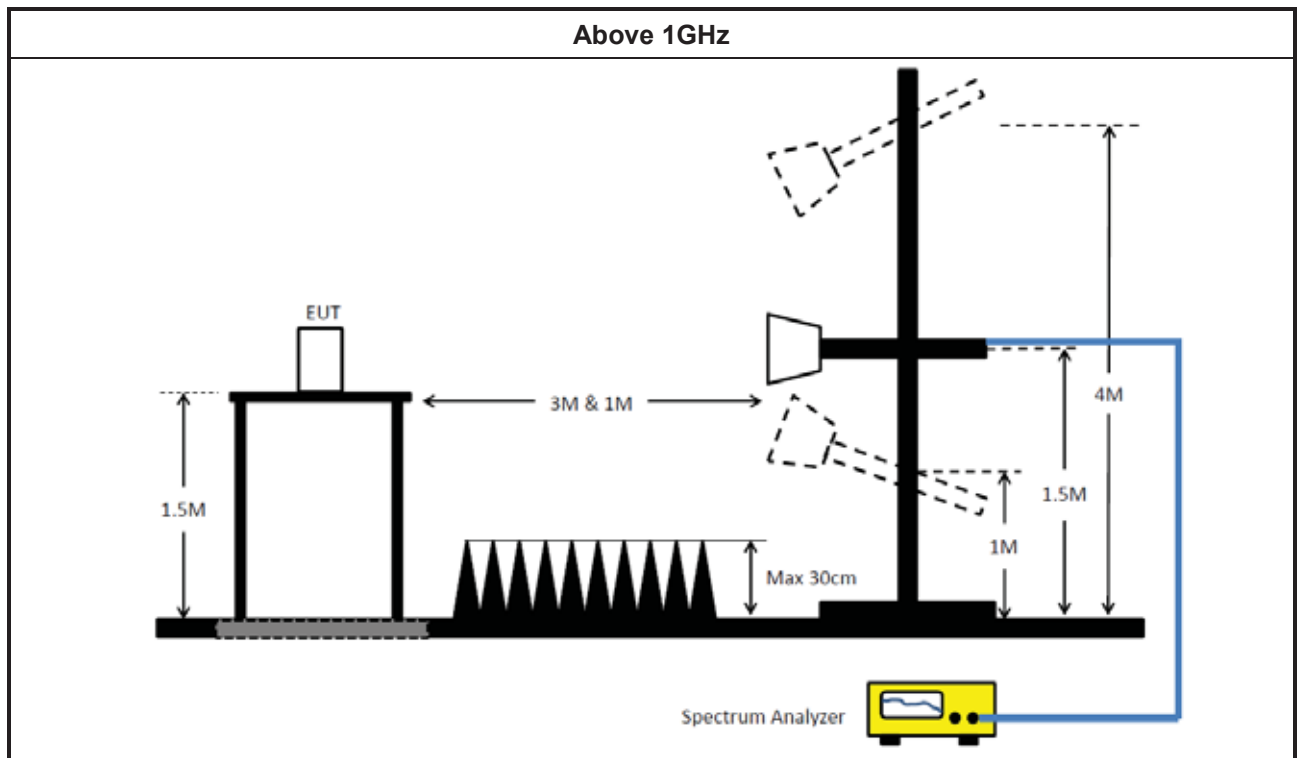
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	31/Jan/2023	30/Jan/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
SENSE-EMI	Sporton	V5.11.3	NA	NA	NA	NA

Instrument for Conducted Test (Non-Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	29/Mar/2023	28/Mar/2024
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	29/Mar/2023	28/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.15	N/A	N/A	N/A	N/A

Instrument for Conducted Test (Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	10/Apr/2023	09/Apr/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	15/Feb/2023	14/Feb/2024
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	15/Feb/2023	14/Feb/2024
SENSE-15247_DTS	Sporton	V5.11.16	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH03-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMC	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	29/Jun/2023	28/Jun/2024
Amplifier	Agilent	8447D	2944A08033	10kHz~1.3GHz	14/Sep/2023	13/Sep/2024
Microwave Prempplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.11	NA	NA	NA	NA

Instrument for Radiated Test (03CH02-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Amplifier	EMC INSTRUMENTS	EM18G40GA	060604	18GHz ~40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

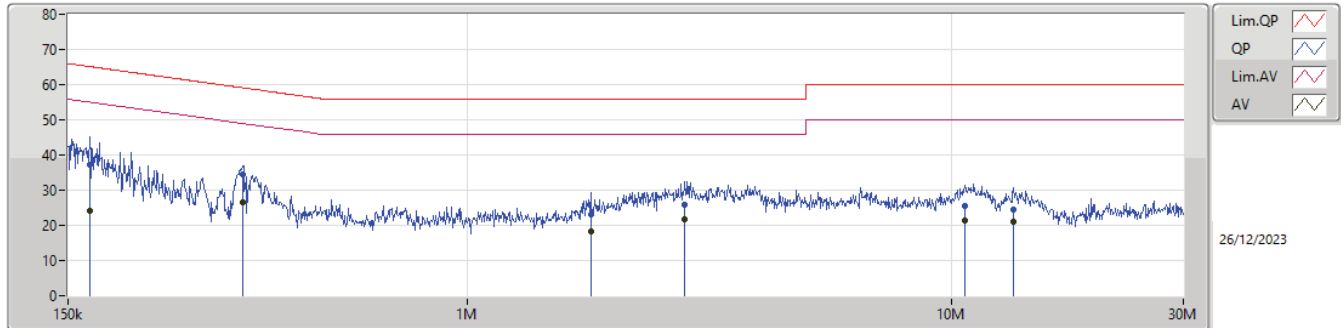
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	338.664k	29.61	49.23	-19.62	Neutral

**Result**

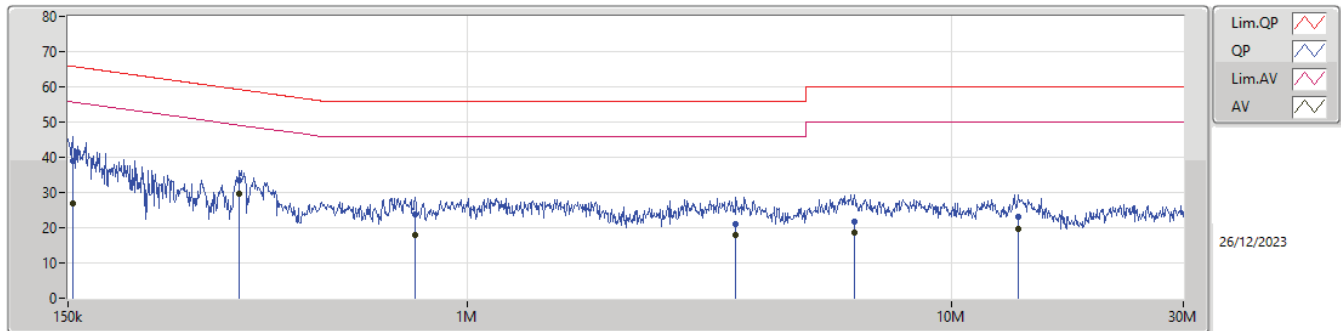
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	166.406k	37.34	65.14	-27.80	Line
Mode 1	Pass	AV	166.406k	24.16	55.14	-30.98	Line
Mode 1	Pass	QP	344.115k	34.61	59.10	-24.49	Line
Mode 1	Pass	AV	344.115k	26.66	49.10	-22.44	Line
Mode 1	Pass	QP	1.797M	22.98	56.00	-33.02	Line
Mode 1	Pass	AV	1.797M	18.24	46.00	-27.76	Line
Mode 1	Pass	QP	2.81M	25.94	56.00	-30.06	Line
Mode 1	Pass	AV	2.81M	21.76	46.00	-24.24	Line
Mode 1	Pass	QP	10.616M	25.38	60.00	-34.62	Line
Mode 1	Pass	AV	10.616M	21.41	50.00	-28.59	Line
Mode 1	Pass	QP	13.382M	24.63	60.00	-35.37	Line
Mode 1	Pass	AV	13.382M	21.20	50.00	-28.80	Line
Mode 1	Pass	QP	153.636k	38.91	65.81	-26.90	Neutral
Mode 1	Pass	AV	153.636k	26.83	55.81	-28.98	Neutral
Mode 1	Pass	QP	338.664k	33.57	59.23	-25.66	Neutral
Mode 1	Pass	AV	338.664k	29.61	49.23	-19.62	Neutral
Mode 1	Pass	QP	780.036k	23.95	56.00	-32.05	Neutral
Mode 1	Pass	AV	780.036k	17.84	46.00	-28.16	Neutral
Mode 1	Pass	QP	3.584M	21.16	56.00	-34.84	Neutral
Mode 1	Pass	AV	3.584M	17.77	46.00	-28.23	Neutral
Mode 1	Pass	QP	6.293M	21.87	60.00	-38.13	Neutral
Mode 1	Pass	AV	6.293M	18.60	50.00	-31.40	Neutral
Mode 1	Pass	QP	13.706M	23.05	60.00	-36.95	Neutral
Mode 1	Pass	AV	13.706M	19.68	50.00	-30.32	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	166.406k	37.34	65.14	-27.80	19.35	Line	-	17.99	9.59	0.03	9.73								
AV	166.406k	24.16	55.14	-30.98	19.35	Line	-	4.81	9.59	0.03	9.73								
QP	344.115k	34.61	59.10	-24.49	19.38	Line	-	15.23	9.60	0.04	9.74								
AV	344.115k	26.66	49.10	-22.44	19.38	Line	-	7.28	9.60	0.04	9.74								
QP	1.797M	22.98	56.00	-33.02	19.52	Line	-	3.46	9.64	0.08	9.80								
AV	1.797M	18.24	46.00	-27.76	19.52	Line	-	-1.28	9.64	0.08	9.80								
QP	2.81M	25.94	56.00	-30.06	19.55	Line	-	6.39	9.65	0.10	9.80								
AV	2.81M	21.76	46.00	-24.24	19.55	Line	-	2.21	9.65	0.10	9.80								
QP	10.616M	25.38	60.00	-34.62	19.72	Line	-	5.66	9.73	0.19	9.80								
AV	10.616M	21.41	50.00	-28.59	19.72	Line	-	1.69	9.73	0.19	9.80								
QP	13.382M	24.63	60.00	-35.37	19.75	Line	-	4.88	9.71	0.22	9.82								
AV	13.382M	21.20	50.00	-28.80	19.75	Line	-	1.45	9.71	0.22	9.82								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	153.636k	38.91	65.81	-26.90	19.38	Neutral	-	19.53	9.60	0.03	9.75								
AV	153.636k	26.83	55.81	-28.98	19.38	Neutral	-	7.45	9.60	0.03	9.75								
QP	338.664k	33.57	59.23	-25.66	19.38	Neutral	-	14.19	9.60	0.04	9.74								
AV	338.664k	29.61	49.23	-19.62	19.38	Neutral	-	10.23	9.60	0.04	9.74								
QP	780.036k	23.95	56.00	-32.05	19.45	Neutral	-	4.50	9.61	0.05	9.79								
AV	780.036k	17.84	46.00	-28.16	19.45	Neutral	-	-1.61	9.61	0.05	9.79								
QP	3.584M	21.16	56.00	-34.84	19.55	Neutral	-	1.61	9.64	0.12	9.79								
AV	3.584M	17.77	46.00	-28.23	19.55	Neutral	-	-1.78	9.64	0.12	9.79								
QP	6.293M	21.87	60.00	-38.13	19.61	Neutral	-	2.26	9.67	0.15	9.79								
AV	6.293M	18.60	50.00	-31.40	19.61	Neutral	-	-1.01	9.67	0.15	9.79								
QP	13.706M	23.05	60.00	-36.95	19.76	Neutral	-	3.29	9.71	0.23	9.82								
AV	13.706M	19.68	50.00	-30.32	19.76	Neutral	-	-0.08	9.71	0.23	9.82								

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	8.025M	13.103M	13M1G1D	6.475M	12.984M
802.11g_Nss1,(6Mbps)_4TX	16.5M	17.085M	17M1D1D	15.925M	16.558M
802.11be EHT20_Nss1,(MCS0)_4TX	19.225M	19.165M	19M2D1D	19.05M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	38.2M	37.981M	38M0D1D	37.55M	37.781M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	6.7M	13.103M	7.05M	13.058M	7.05M	13.043M	7.65M	13.073M
2437MHz	Pass	500k	6.65M	13.088M	7.175M	13.043M	6.475M	12.984M	8.025M	13.013M
2462MHz	Pass	500k	7.1M	13.058M	7.1M	13.013M	8.025M	12.999M	7.1M	13.073M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.5M	16.558M	16.375M	16.932M	16.475M	16.712M	16.35M	16.91M
2437MHz	Pass	500k	16.5M	16.822M	16.425M	16.778M	16.425M	16.932M	16.325M	17.041M
2462MHz	Pass	500k	16.425M	16.668M	15.925M	16.734M	16.45M	16.888M	16.45M	17.085M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.15M	19.015M	19.1M	18.991M	19.1M	19.115M	19.075M	19.04M
2437MHz	Pass	500k	19.225M	19.09M	19.1M	18.991M	19.1M	19.165M	19.1M	19.065M
2462MHz	Pass	500k	19.05M	19.015M	19.15M	19.09M	19.125M	19.015M	19.075M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	38.15M	37.831M	37.75M	37.781M	38.1M	37.831M	38.05M	37.931M
2437MHz	Pass	500k	38.15M	37.931M	38.2M	37.981M	38.2M	37.831M	38.2M	37.981M
2452MHz	Pass	500k	38.2M	37.831M	37.85M	37.981M	37.9M	37.781M	37.55M	37.781M

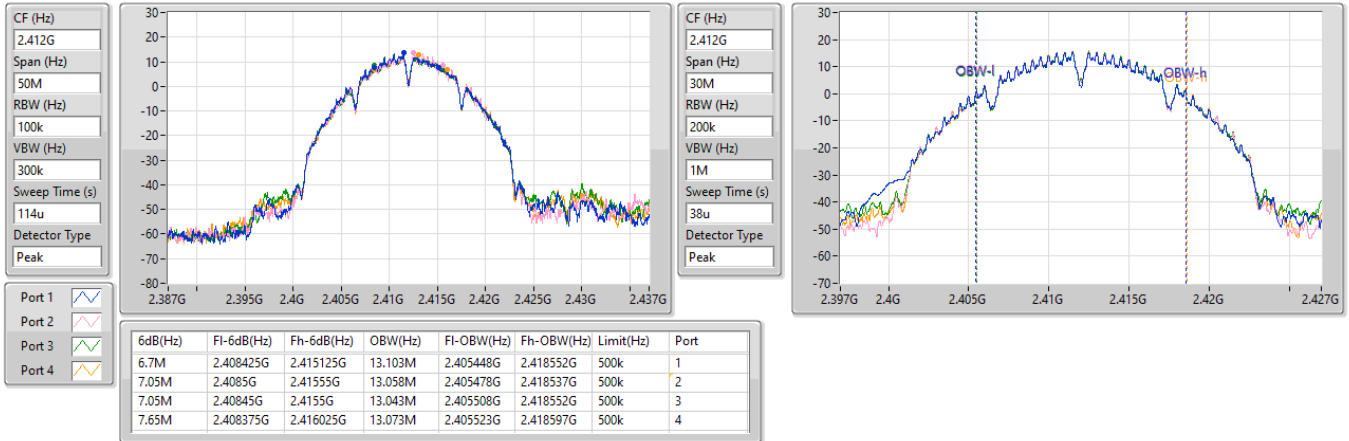
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

26/12/2023

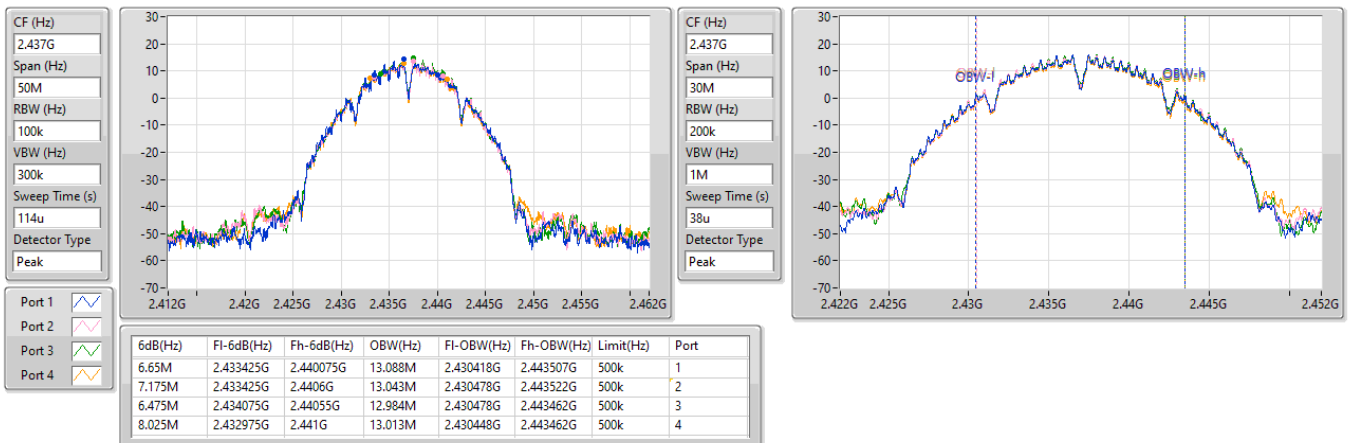


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

26/12/2023

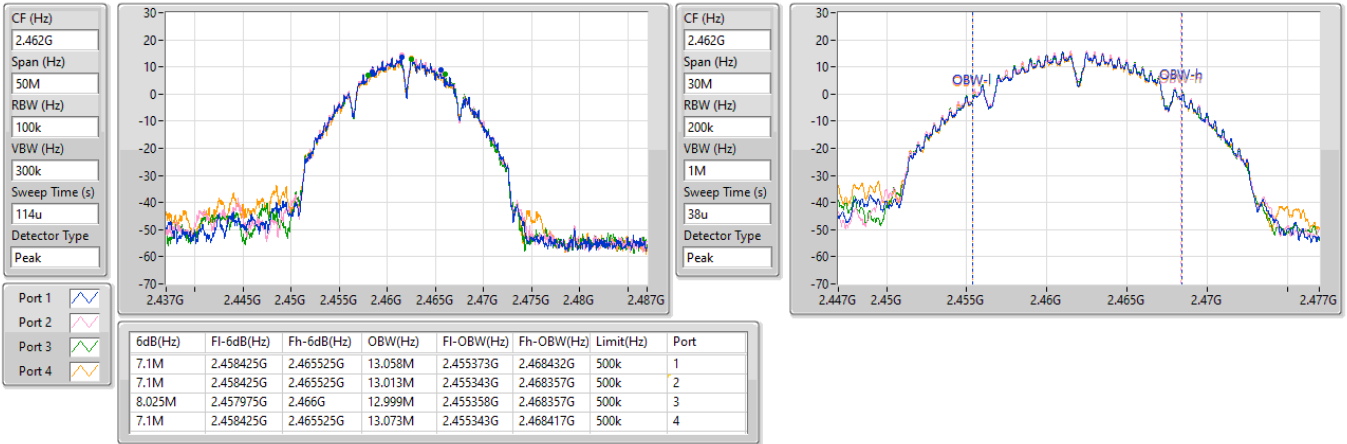


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

26/12/2023

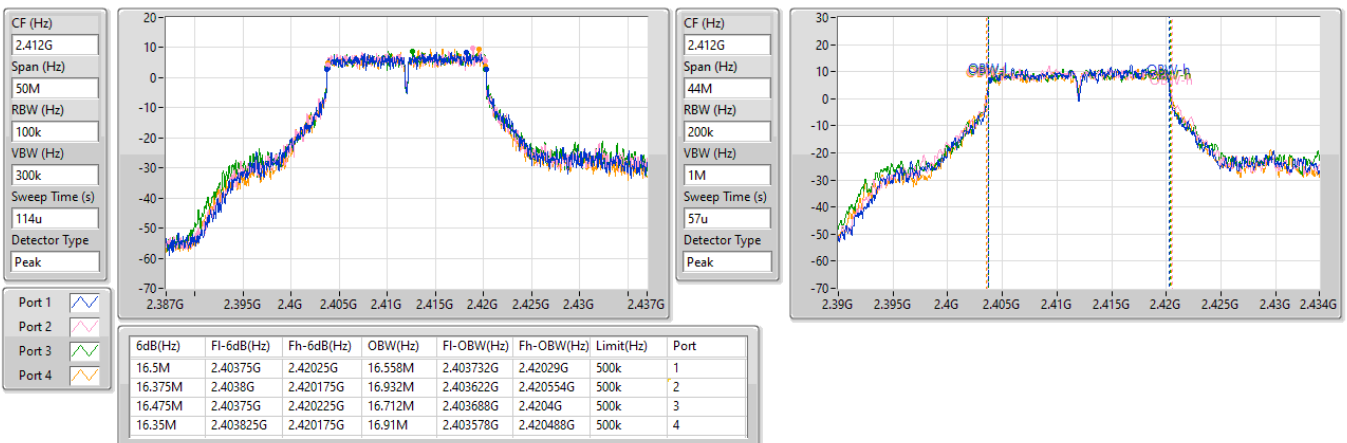


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

26/12/2023

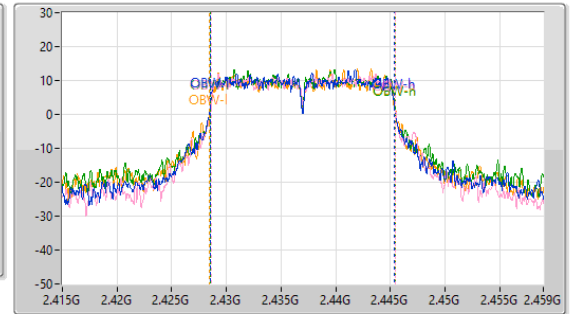
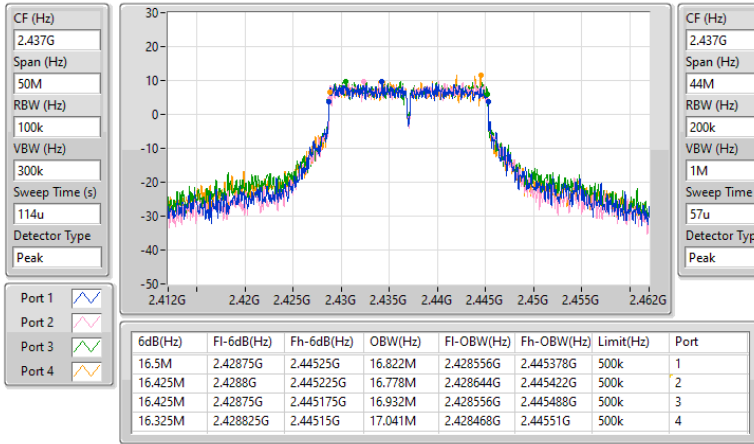


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

26/12/2023

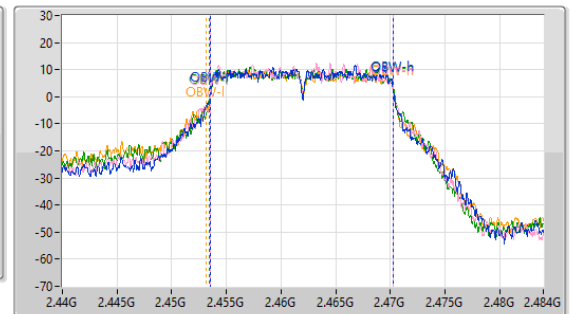
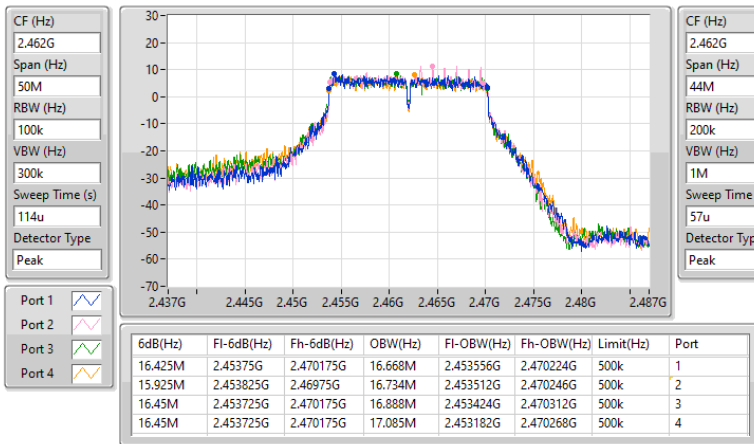


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

26/12/2023

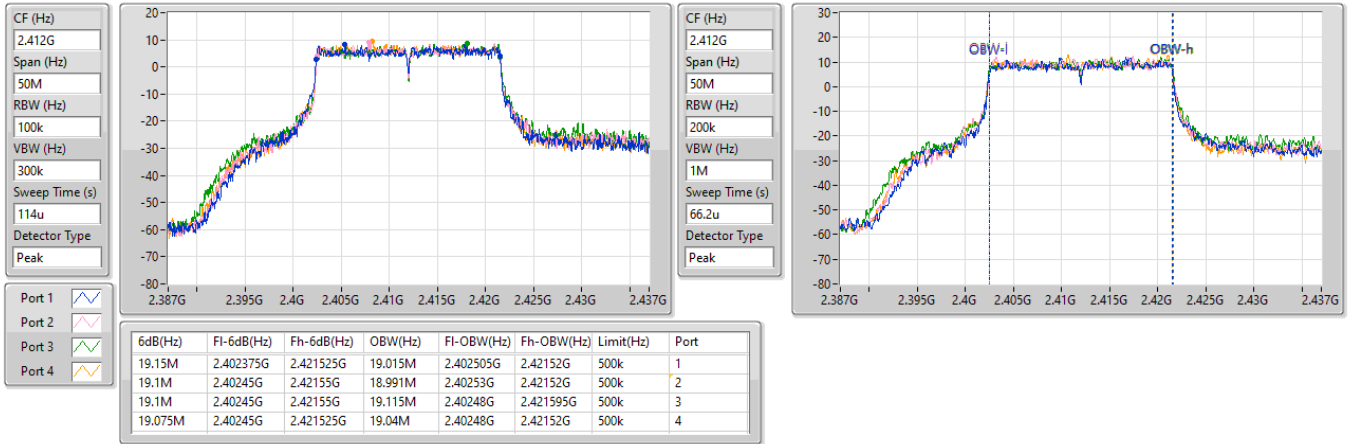


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

26/12/2023

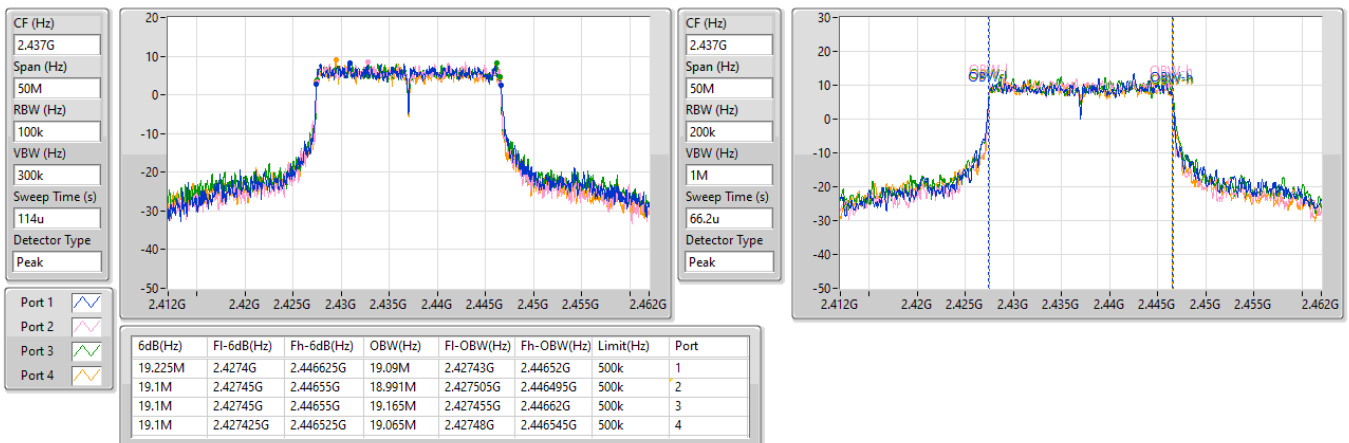


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

26/12/2023

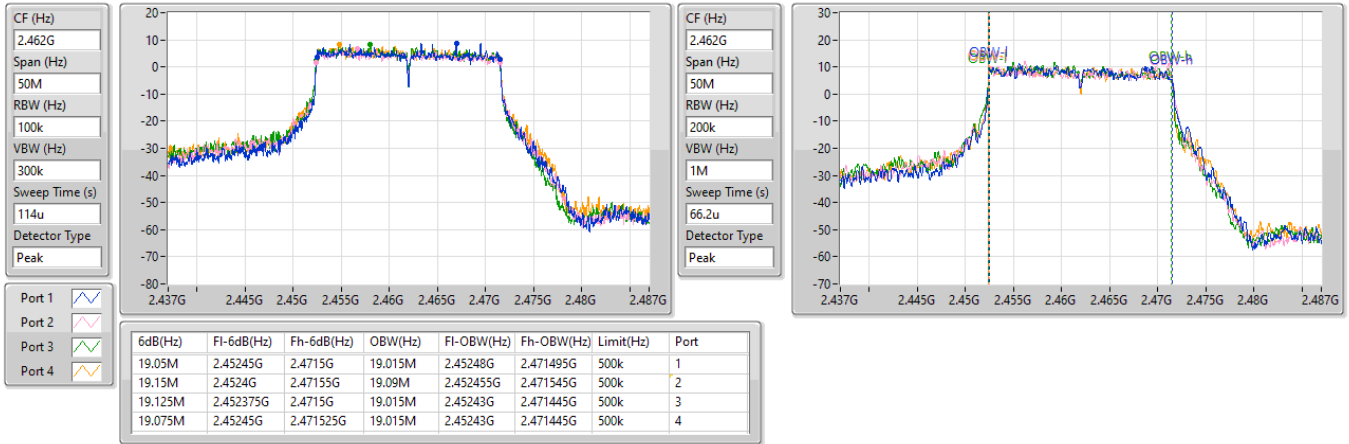


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

26/12/2023

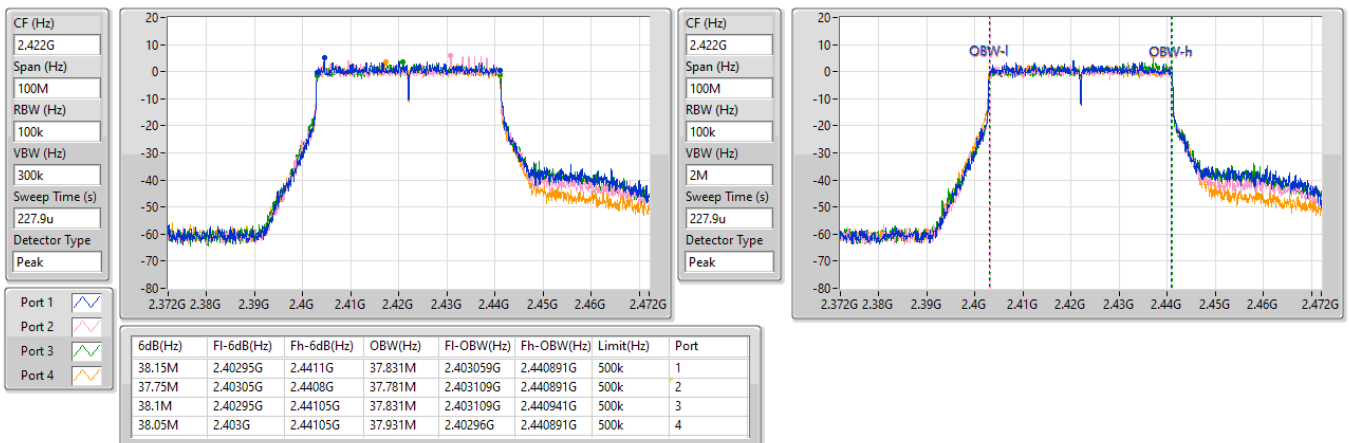


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

26/12/2023

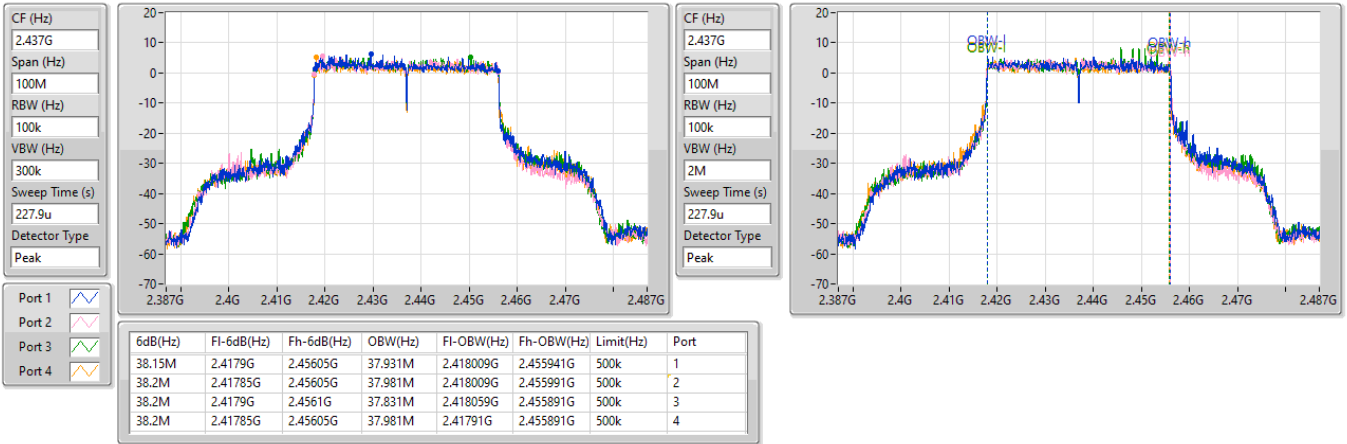


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2437MHz

26/12/2023

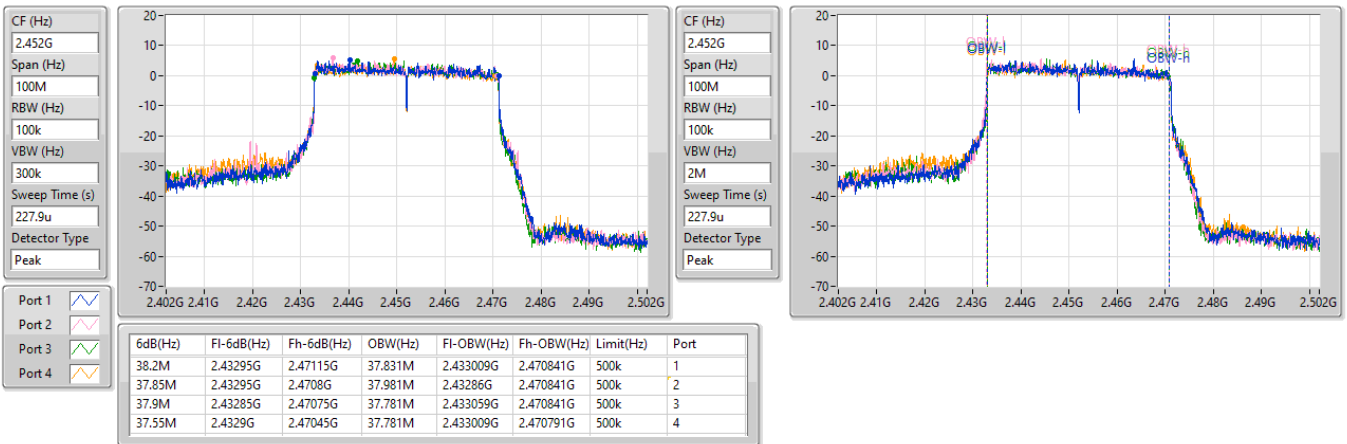


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2452MHz

26/12/2023





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	19.15M	19.09M	19M1D1D	6.225M	18.991M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	37.95M	38.031M	38M0D1D	2.95M	37.781M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	19.04M	18.3M	19.09M	16.325M	19.065M	18.8M	19.09M
2437MHz	Pass	500k	18.75M	19.04M	18.425M	19.04M	6.225M	19.04M	19.15M	18.991M
2462MHz	Pass	500k	18.8M	19.065M	18.8M	19.065M	18.575M	19.015M	15.05M	19.04M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	33.8M	37.931M	4.15M	37.931M	29.55M	37.981M	25.9M	37.881M
2437MHz	Pass	500k	2.95M	38.031M	37.95M	37.981M	10M	37.781M	6.35M	37.831M
2452MHz	Pass	500k	8.9M	37.781M	7.65M	37.831M	4.45M	37.881M	28.45M	37.931M

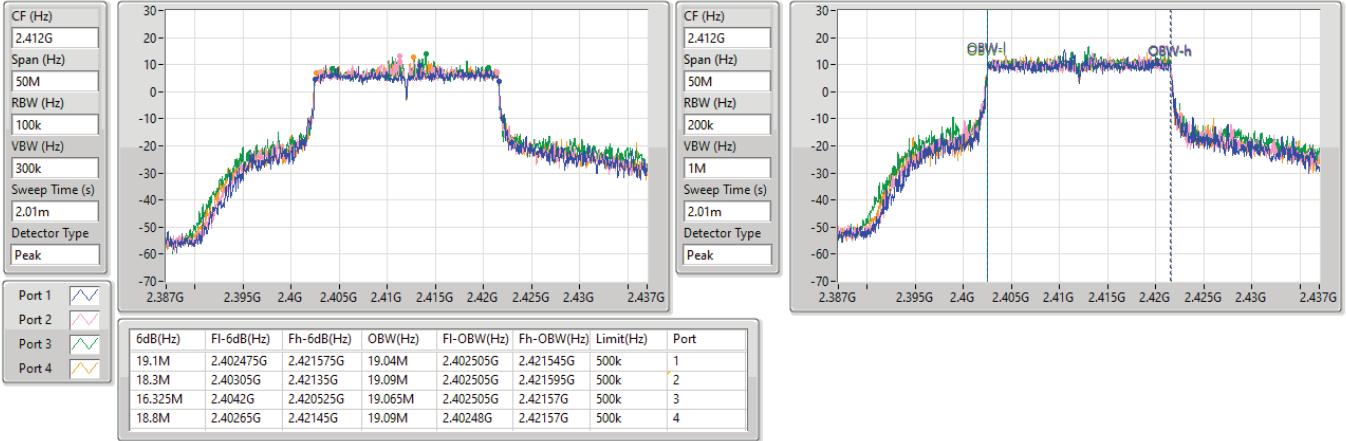
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

2412MHz

30/01/2024

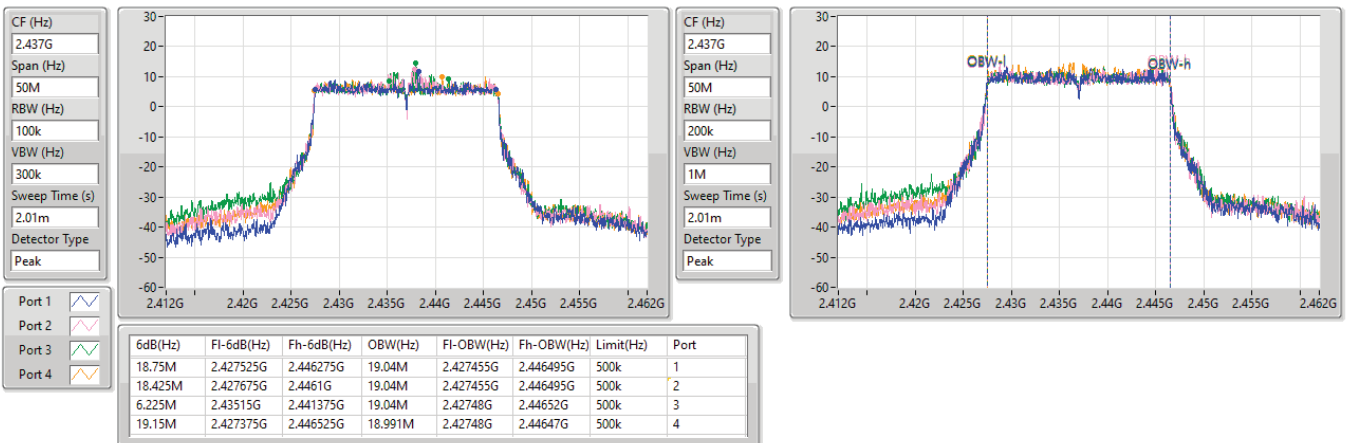


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

30/01/2024



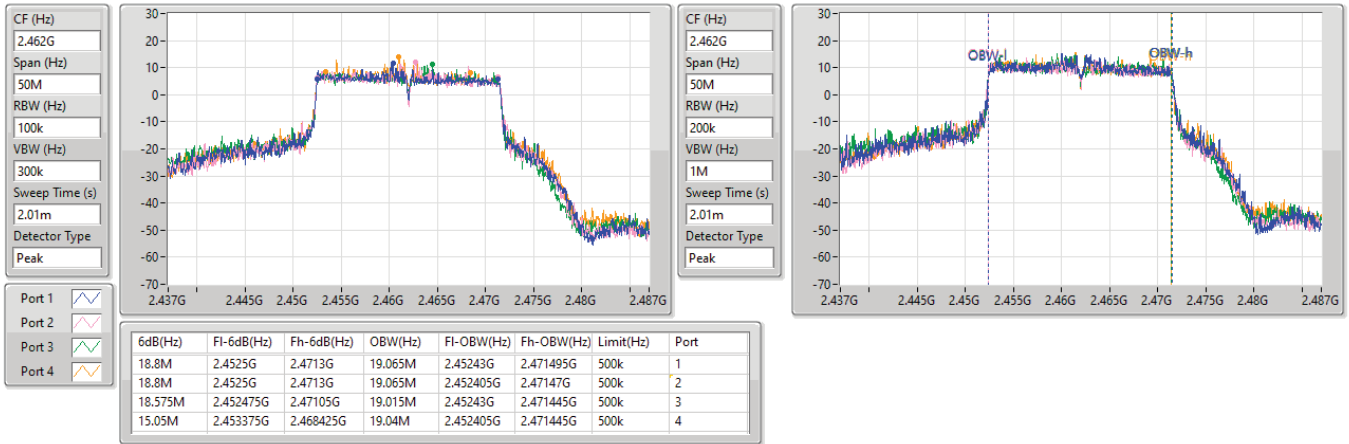


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

EBW

2462MHz

30/01/2024

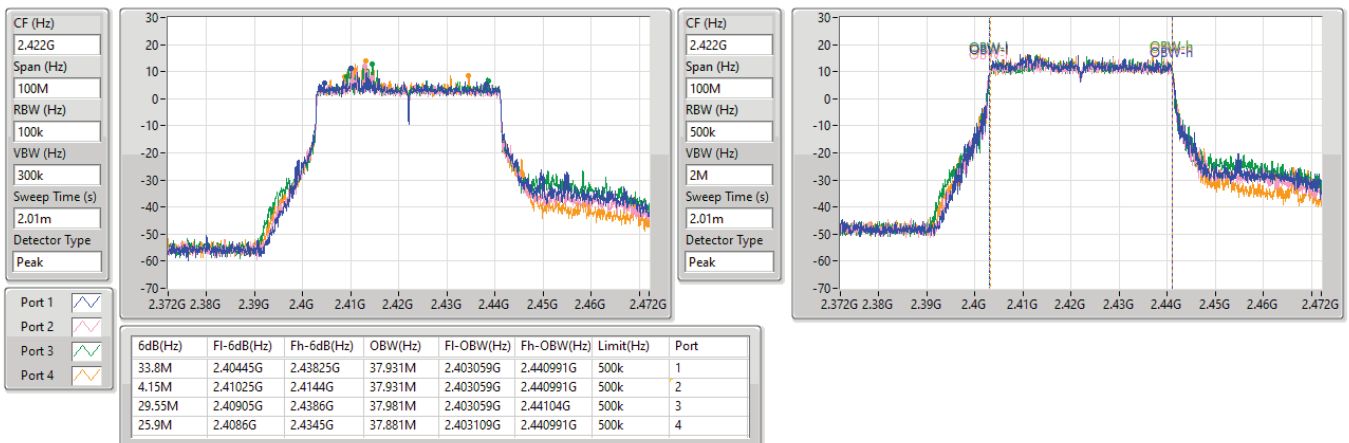


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

2422MHz

30/01/2024

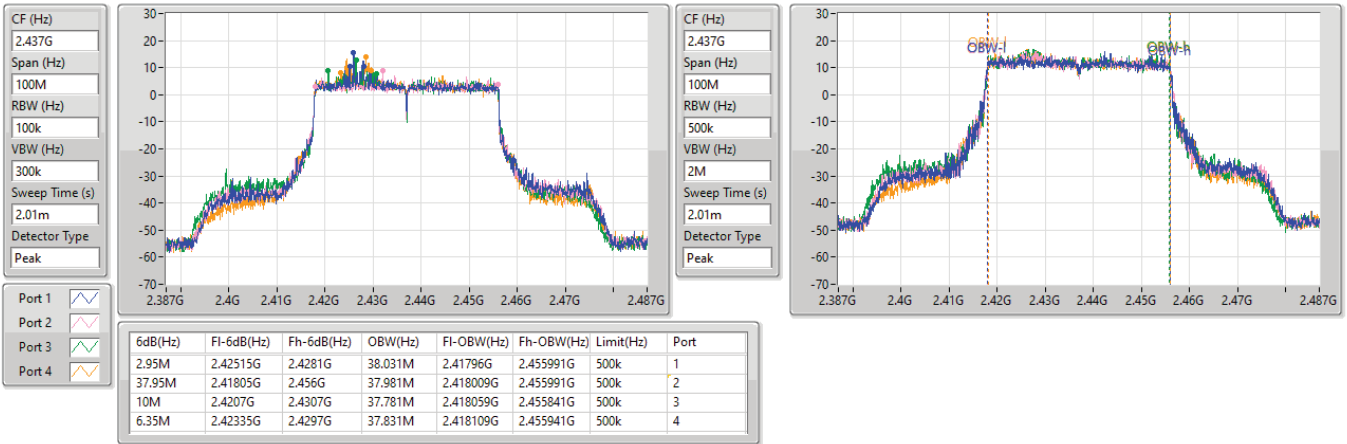


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

30/01/2024

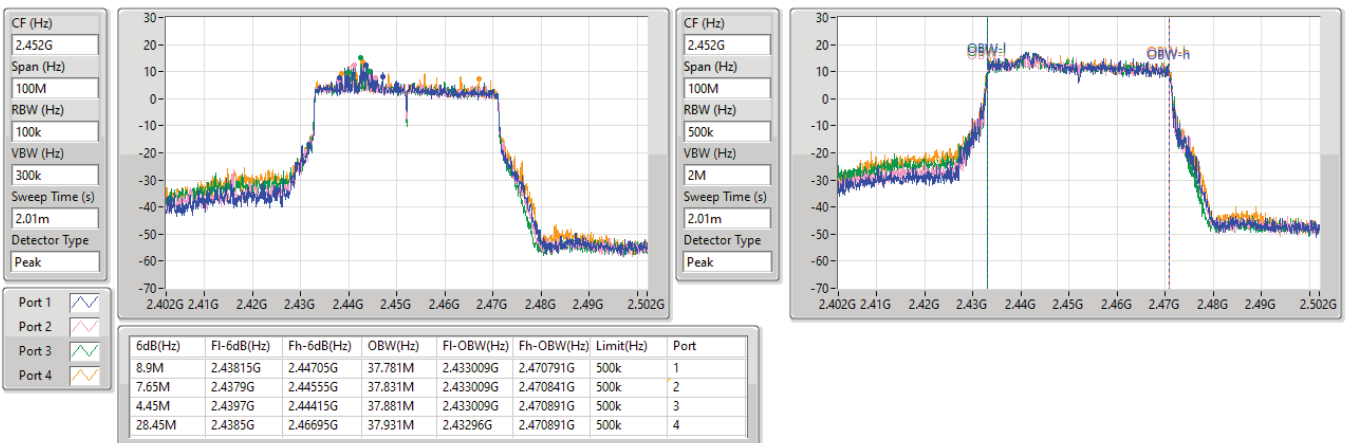


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

EBW

2452MHz

30/01/2024





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.96	0.99083
802.11g_Nss1,(6Mbps)_4TX	29.96	0.99083
802.11be EHT20_Nss1,(MCS0)_4TX	29.91	0.97949
802.11be EHT40_Nss1,(MCS0)_4TX	29.93	0.98401



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.10	23.65	23.84	24.03	23.92	29.88	30.00
2437MHz	Pass	3.10	23.88	23.91	23.99	23.97	29.96	30.00
2462MHz	Pass	3.10	23.77	23.90	23.98	23.90	29.91	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.10	23.61	23.66	23.71	23.72	29.70	30.00
2417MHz	Pass	3.10	23.95	23.82	24.02	23.97	29.96	30.00
2437MHz	Pass	3.10	23.74	23.72	23.84	23.87	29.81	30.00
2457MHz	Pass	3.10	23.53	23.59	23.72	23.62	29.64	30.00
2462MHz	Pass	3.10	23.57	23.63	23.63	23.69	29.65	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.10	23.72	23.88	23.82	24.01	29.88	30.00
2417MHz	Pass	3.10	23.51	23.44	23.78	23.73	29.64	30.00
2437MHz	Pass	3.10	23.84	23.80	23.95	23.97	29.91	30.00
2457MHz	Pass	3.10	23.64	23.70	23.97	23.80	29.80	30.00
2462MHz	Pass	3.10	23.96	23.93	23.91	23.77	29.91	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.10	22.65	21.94	22.21	22.01	28.23	30.00
2427MHz	Pass	3.10	22.08	21.58	21.71	21.62	27.77	30.00
2437MHz	Pass	3.10	23.75	23.69	24.05	23.92	29.88	30.00
2447MHz	Pass	3.10	23.95	23.73	23.83	24.10	29.93	30.00
2452MHz	Pass	3.10	23.27	23.35	23.52	23.80	29.51	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.99	0.99770
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.80	0.95499



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.46	23.77	23.62	24.24	24.20	29.99	30.00
2437MHz	Pass	3.46	23.76	23.66	23.88	24.07	29.87	30.00
2462MHz	Pass	3.46	23.68	23.51	23.92	23.90	29.78	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.46	23.95	23.51	23.62	23.90	29.77	30.00
2437MHz	Pass	3.46	23.84	23.49	23.82	23.87	29.78	30.00
2452MHz	Pass	3.46	23.74	23.35	23.77	24.23	29.80	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	2.21
802.11g_Nss1,(6Mbps)_4TX	0.81
802.11be EHT20_Nss1,(MCS0)_4TX	0.10
802.11be EHT40_Nss1,(MCS0)_4TX	-2.21

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.46	-4.79	-4.68	-4.48	-4.54	1.34	8.00
2437MHz	Pass	3.46	-4.27	-4.28	-3.90	-2.76	2.21	8.00
2462MHz	Pass	3.46	-4.66	-4.52	-4.54	-4.27	1.51	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.46	-4.48	-3.74	-3.06	-4.49	0.80	8.00
2437MHz	Pass	3.46	-2.55	-2.89	-3.19	-2.65	0.81	8.00
2462MHz	Pass	3.46	-3.85	-3.81	-4.53	-4.22	-0.05	8.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.46	-3.02	-1.92	-2.34	-1.90	0.10	8.00
2437MHz	Pass	3.46	-3.13	-3.81	-3.14	-4.55	-0.06	8.00
2462MHz	Pass	3.46	-3.67	-4.42	-2.84	-4.24	-1.21	8.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.46	-7.80	-9.31	-8.67	-8.19	-5.17	8.00
2437MHz	Pass	3.46	-5.89	-5.67	-4.85	-5.42	-2.66	8.00
2452MHz	Pass	3.46	-6.81	-6.06	-6.46	-5.52	-2.21	8.00

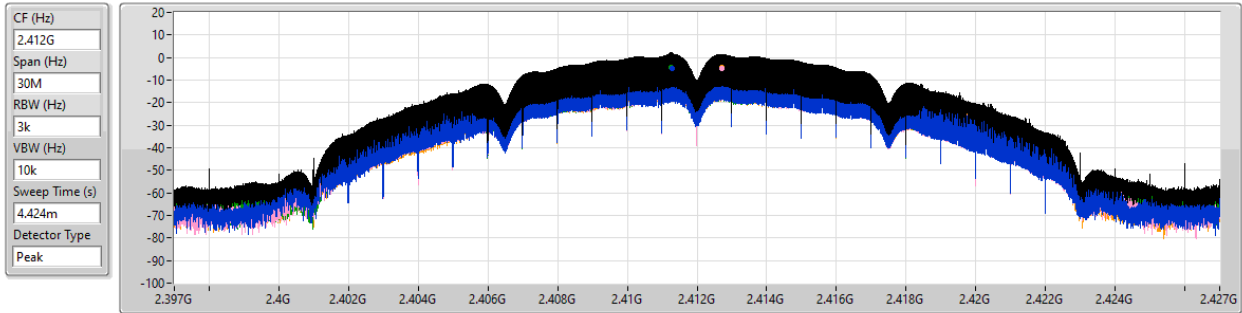
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

2412MHz

26/12/2023



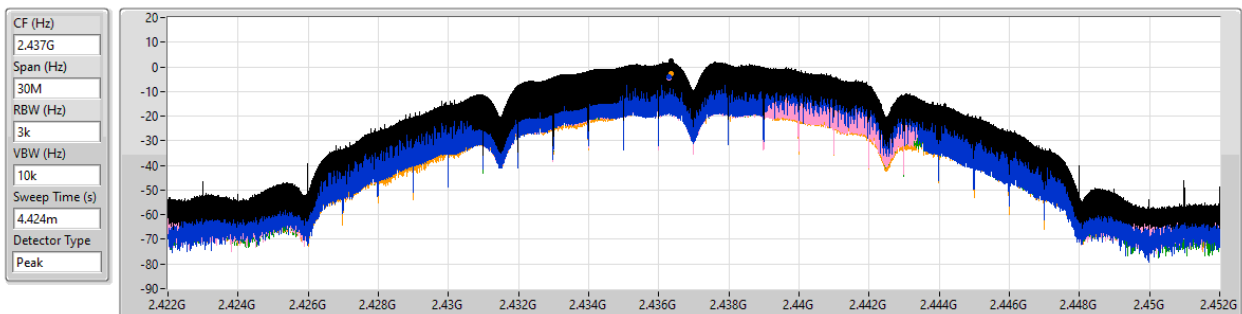
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.34	1.34	-4.79	-4.68	-4.48	-4.54

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

PSD

2437MHz

26/12/2023



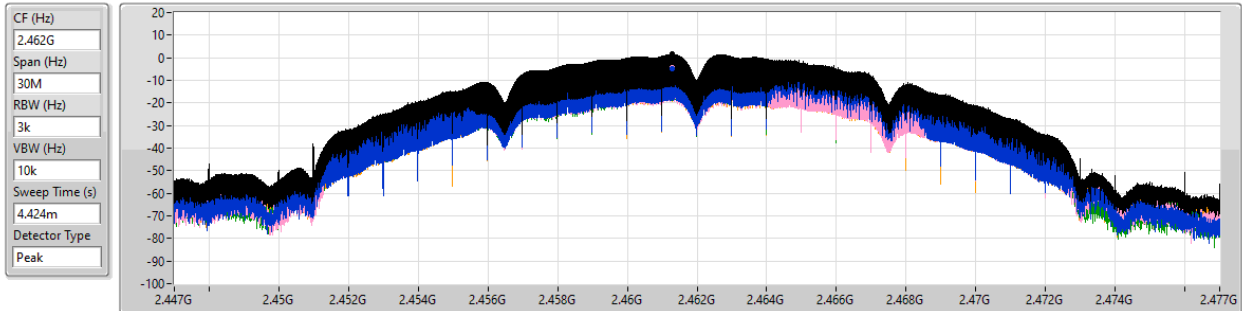
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-4.27	-4.28	-3.90	-2.76

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

PSD

2462MHz

26/12/2023



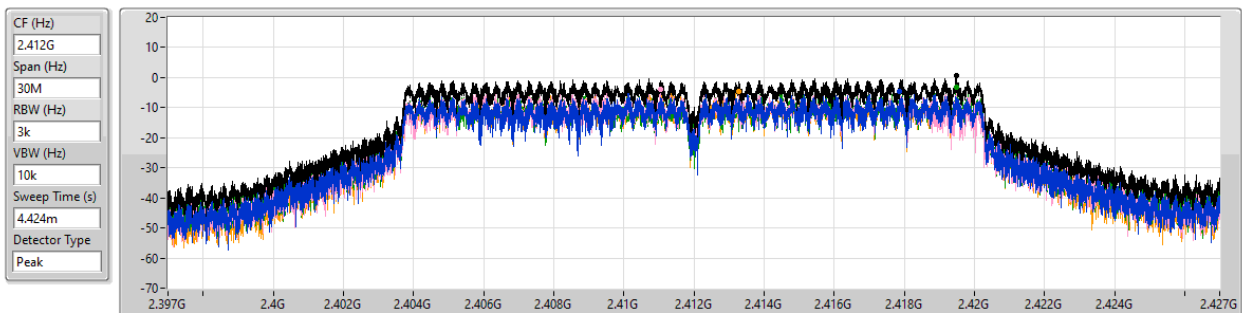
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.51	1.51	-4.66	-4.52	-4.54	-4.27

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

PSD

2412MHz

26/12/2023



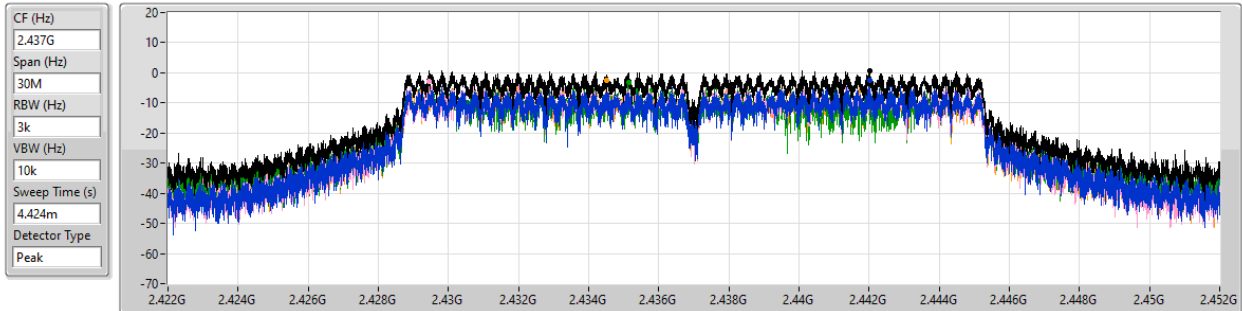
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.80	0.80	-4.48	-3.74	-3.06	-4.49

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

PSD

2437MHz

26/12/2023



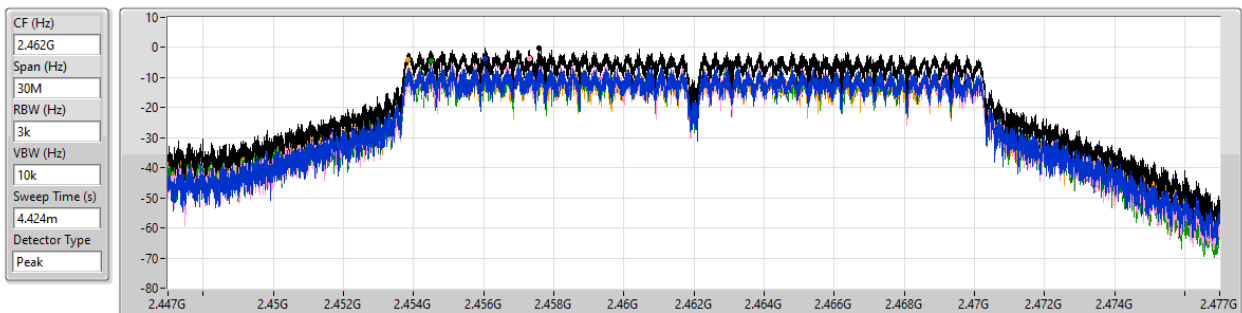
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.81	0.81	-2.55	-2.89	-3.19	-2.65

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

PSD

2462MHz

26/12/2023



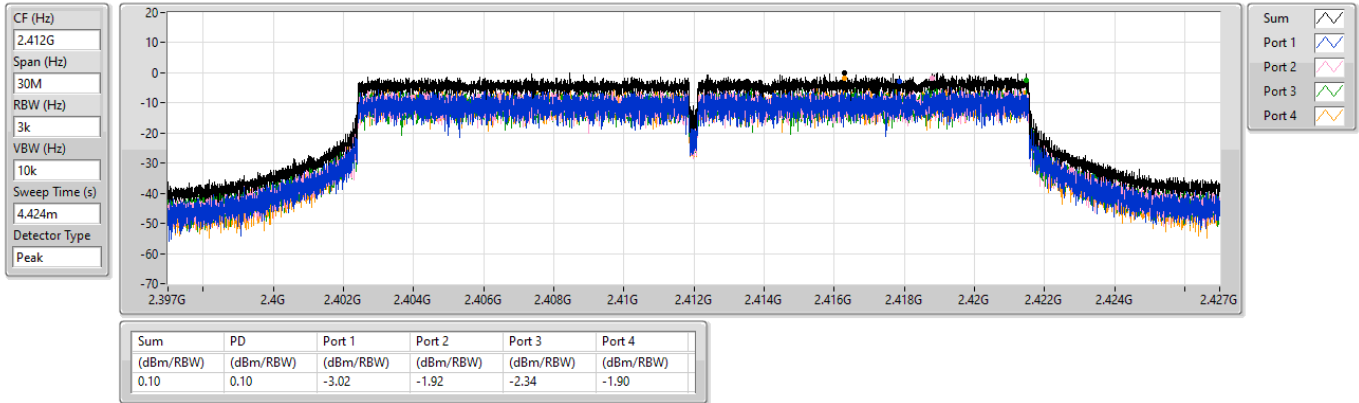
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.05	-0.05	-3.85	-3.81	-4.53	-4.22

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2412MHz

26/12/2023



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

26/12/2023





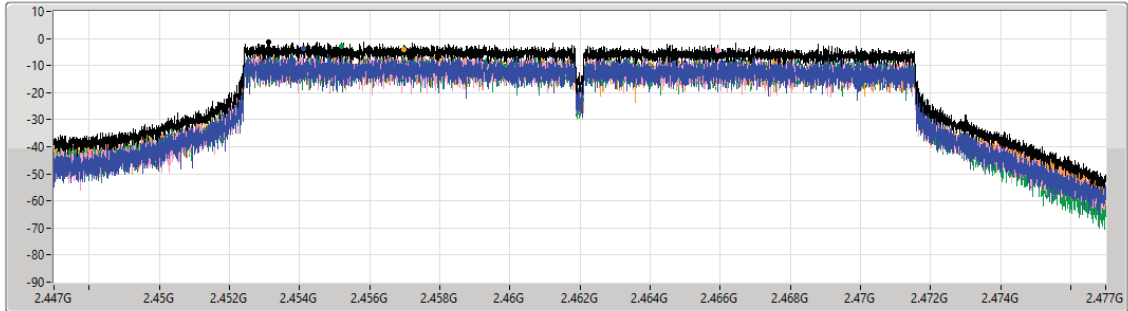
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2462MHz

26/12/2023

CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
4.424m
Detector Type
Peak



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.21	-1.21	-3.67	-4.42	-2.84	-4.24

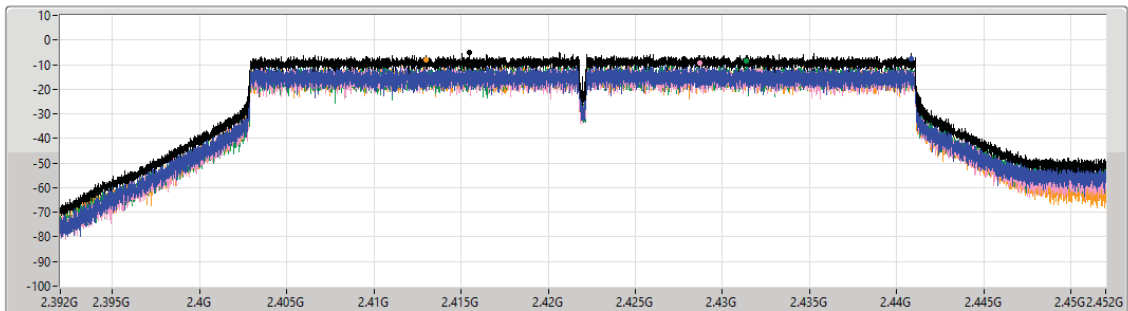
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2422MHz

26/12/2023

CF (Hz)
2.422G
Span (Hz)
60M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
8.849m
Detector Type
Peak



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.17	-5.17	-7.80	-9.31	-8.67	-8.19

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2437MHz

26/12/2023

CF (Hz)
2.437G

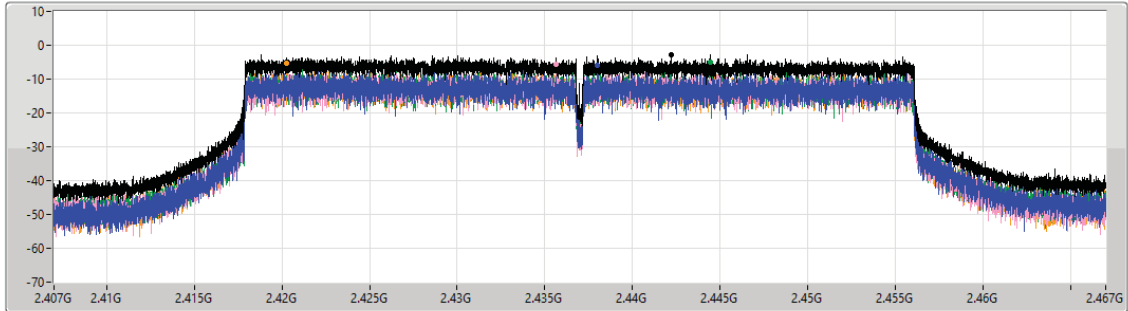
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
8.849m

Detector Type
Peak



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.66	-2.66	-5.89	-5.67	-4.85	-5.42

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2452MHz

26/12/2023

CF (Hz)
2.452G

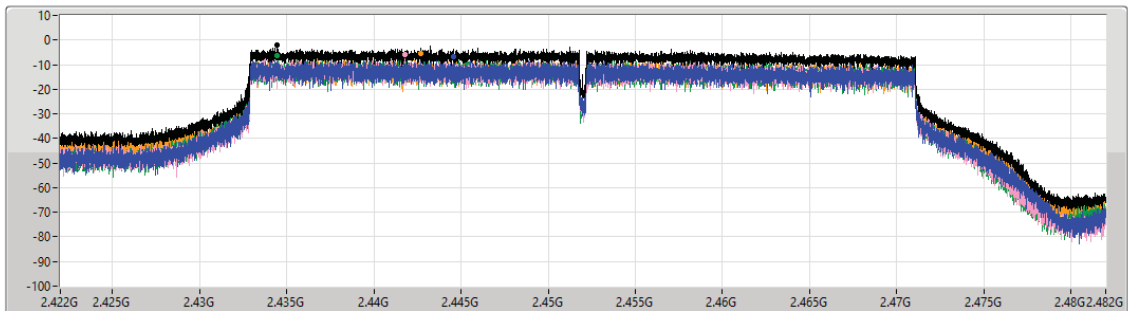
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
8.849m

Detector Type
Peak



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-6.81	-6.06	-6.46	-5.52



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	2.30
802.11be EHT40-BF_Nss1,(MCS0)_4TX	1.28

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.46	-1.04	-1.46	-2.17	-3.61	0.52	8.00
2437MHz	Pass	3.46	-3.03	-3.25	-2.98	-1.85	0.69	8.00
2462MHz	Pass	3.46	-3.50	-2.97	0.05	-1.37	2.30	8.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.46	-6.61	-3.16	-6.00	-5.40	-1.77	8.00
2437MHz	Pass	3.46	-6.33	-0.25	-5.13	-5.41	0.65	8.00
2452MHz	Pass	3.46	-6.02	0.51	-3.88	-3.30	1.28	8.00

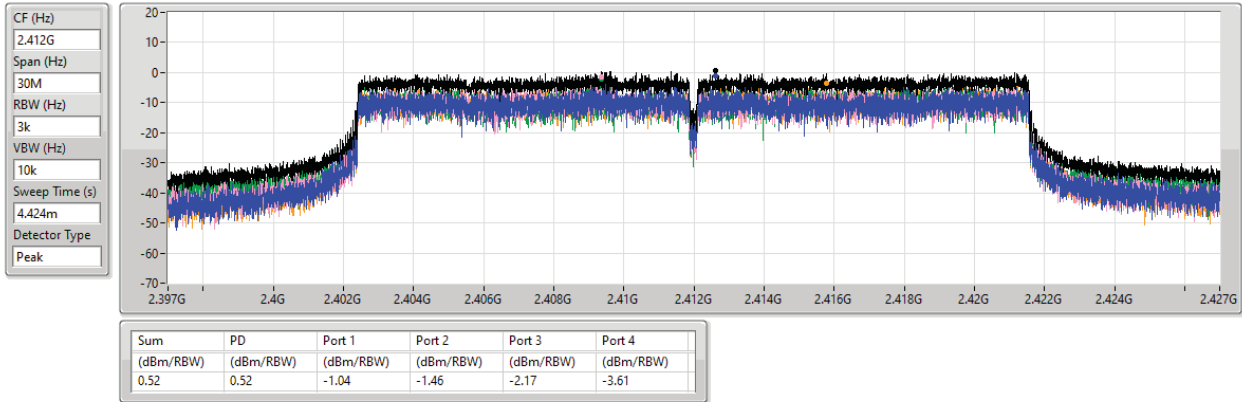
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

PSD

2412MHz

30/01/2024

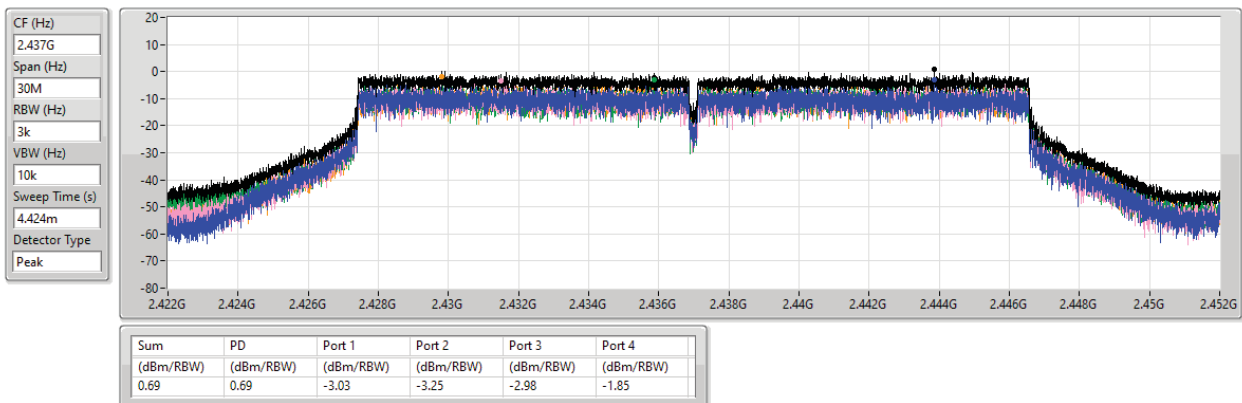


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

30/01/2024

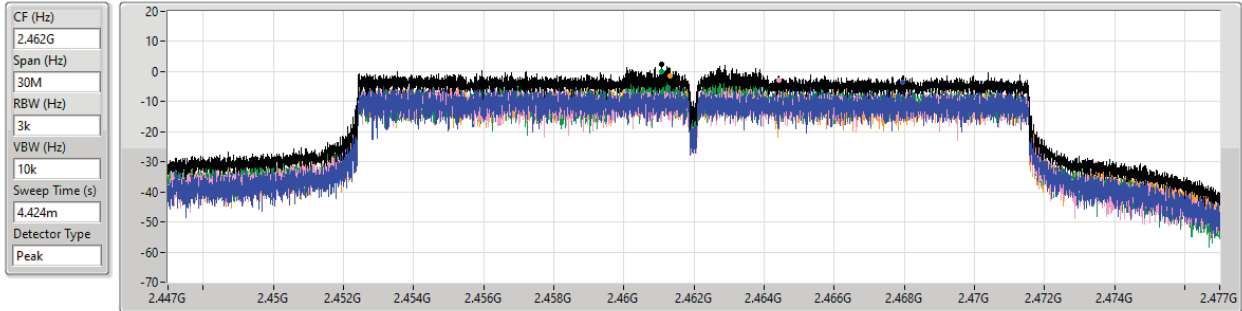


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

PSD

2462MHz

30/01/2024



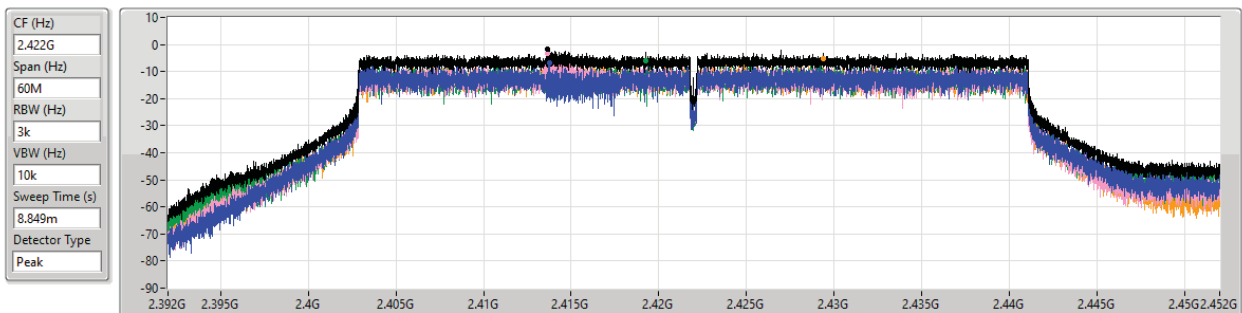
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.30	2.30	-3.50	-2.97	0.05	-1.37

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

30/01/2024



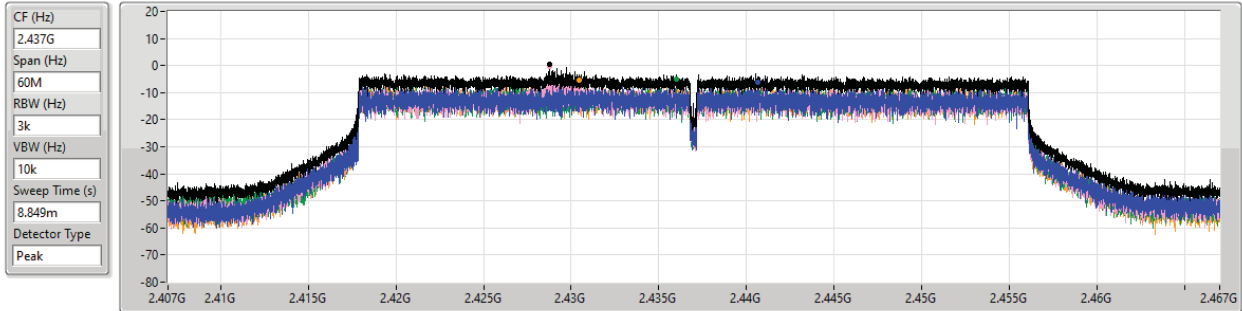
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.77	-1.77	-6.61	-3.16	-6.00	-5.40

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

30/01/2024



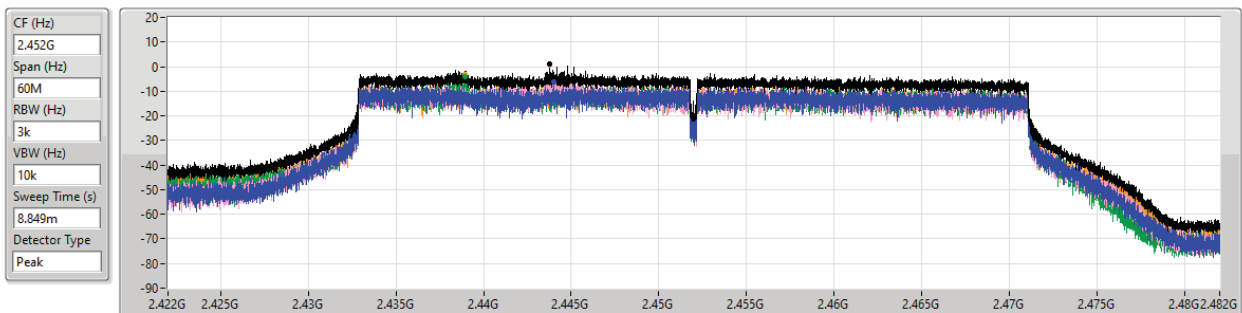
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.65	0.65	-6.33	-0.25	-5.13	-5.41

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

30/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.28	1.28	-6.02	0.51	-3.88	-3.30



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43791G	15.45	-14.55	1.82643G	-56.63	2.39952G	-32.16	2.4G	-33.31	2.52246G	-54.62	17.6558G	-43.61	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44192G	13.46	-16.54	694.05M	-56.90	2.39992G	-19.69	2.4G	-18.19	2.52126G	-55.27	17.62771G	-44.14	3
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.43073G	12.40	-17.60	2.17127G	-57.10	2.39992G	-19.72	2.4G	-18.73	2.50006G	-55.54	16.62188G	-43.87	2
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	2.42204G	8.60	-21.40	32.29M	-46.71	2.4G	-24.17	2.4G	-26.29	2.52974G	-55.84	16.26659G	-43.50	2



Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43791G	15.45	-14.55	1.83808G	-57.31	2.4G	-37.51	2.4G	-37.95	2.50438G	-55.35	17.00118G	-43.83	1
2412MHz	Pass	2.43791G	15.45	-14.55	2.12351G	-57.11	2.39952G	-36.07	2.4G	-36.13	2.52294G	-55.33	15.25644G	-43.64	2
2412MHz	Pass	2.43791G	15.45	-14.55	1.82643G	-56.63	2.39952G	-32.16	2.4G	-33.31	2.52246G	-54.62	17.6558G	-43.61	3
2412MHz	Pass	2.43791G	15.45	-14.55	2.15962G	-56.95	2.4G	-37.47	2.4G	-39.51	2.51174G	-55.09	17.26246G	-43.99	4
2437MHz	Pass	2.43791G	15.45	-14.55	2.14681G	-56.77	2.4G	-48.39	2.4G	-47.96	2.51246G	-55.12	16.30721G	-43.62	1
2437MHz	Pass	2.43791G	15.45	-14.55	819.87M	-57.32	2.398G	-47.73	2.4G	-49.28	2.51406G	-56.00	23.23559G	-43.78	2
2437MHz	Pass	2.43791G	15.45	-14.55	1.87653G	-57.23	2.39712G	-49.32	2.4G	-51.76	2.5231G	-55.28	16.9787G	-44.12	3
2437MHz	Pass	2.43791G	15.45	-14.55	2.12118G	-56.82	2.39752G	-46.34	2.4G	-46.63	2.5007G	-55.71	17.6558G	-42.46	4
2462MHz	Pass	2.43791G	15.45	-14.55	751.14M	-57.46	2.4G	-48.64	2.4G	-48.28	2.5227G	-55.18	16.26226G	-42.89	1
2462MHz	Pass	2.43791G	15.45	-14.55	2.30525G	-57.65	2.4G	-50.51	2.4G	-51.51	2.50078G	-55.53	16.24259G	-43.07	2
2462MHz	Pass	2.43791G	15.45	-14.55	2.11652G	-55.79	2.39992G	-50.82	2.4G	-50.76	2.51886G	-55.57	17.61085G	-43.64	3
2462MHz	Pass	2.43791G	15.45	-14.55	2.1538G	-57.47	2.39912G	-50.08	2.4G	-53.10	2.5039G	-55.36	16.61908G	-44.23	4
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	13.46	-16.54	901.42M	-57.65	2.4G	-20.28	2.4G	-18.59	2.51622G	-55.19	16.54884G	-44.15	1
2412MHz	Pass	2.44192G	13.46	-16.54	2.04196G	-57.68	2.39984G	-19.85	2.4G	-20.31	2.51782G	-55.46	16.2735G	-42.59	2
2412MHz	Pass	2.44192G	13.46	-16.54	694.05M	-56.90	2.39992G	-19.69	2.4G	-18.19	2.52126G	-55.27	17.62771G	-44.14	3
2412MHz	Pass	2.44192G	13.46	-16.54	1.89517G	-57.18	2.4G	-21.28	2.4G	-19.20	2.51654G	-55.17	17.26808G	-43.65	4
2437MHz	Pass	2.44192G	13.46	-16.54	2.30175G	-56.29	2.39952G	-37.96	2.4G	-38.36	2.50942G	-55.61	16.63312G	-43.89	1
2437MHz	Pass	2.44192G	13.46	-16.54	852.49M	-56.79	2.39856G	-39.22	2.4G	-39.97	2.5143G	-53.43	24.63476G	-43.31	2
2437MHz	Pass	2.44192G	13.46	-16.54	2.00701G	-56.15	2.39984G	-33.81	2.4G	-33.78	2.51822G	-55.24	16.27069G	-44.23	3
2437MHz	Pass	2.44192G	13.46	-16.54	1.90216G	-57.24	2.39864G	-33.49	2.4G	-33.53	2.52278G	-55.67	15.2171G	-43.55	4
2462MHz	Pass	2.44192G	13.46	-16.54	1.97788G	-57.59	2.39984G	-41.12	2.4G	-42.00	2.51646G	-54.69	16.78484G	-43.66	1
2462MHz	Pass	2.44192G	13.46	-16.54	2.08157G	-58.06	2.39976G	-39.20	2.4G	-41.70	2.51638G	-55.28	23.33674G	-43.52	2
2462MHz	Pass	2.44192G	13.46	-16.54	712.69M	-57.81	2.39736G	-40.82	2.4G	-41.01	2.5143G	-55.37	15.2452G	-43.64	3
2462MHz	Pass	2.44192G	13.46	-16.54	1.89633G	-57.47	2.39976G	-39.65	2.4G	-42.45	2.5119G	-55.05	17.66985G	-43.28	4
802.11be EHT20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	12.40	-17.60	786.09M	-57.20	2.4G	-21.03	2.4G	-20.15	2.50446G	-55.29	15.32106G	-44.49	1
2412MHz	Pass	2.43073G	12.40	-17.60	2.17127G	-57.10	2.39992G	-19.72	2.4G	-18.73	2.50006G	-55.54	16.62188G	-43.87	2
2412MHz	Pass	2.43073G	12.40	-17.60	943.36M	-56.66	2.39952G	-19.48	2.4G	-19.16	2.52126G	-54.85	15.21991G	-43.82	3
2412MHz	Pass	2.43073G	12.40	-17.60	2.30059G	-56.97	2.3996G	-20.55	2.4G	-21.72	2.50166G	-55.46	16.23697G	-43.51	4
2437MHz	Pass	2.43073G	12.40	-17.60	1.64935G	-57.55	2.3992G	-31.91	2.4G	-34.75	2.50694G	-55.41	16.25664G	-44.14	1
2437MHz	Pass	2.43073G	12.40	-17.60	2.1037G	-57.68	2.39936G	-34.81	2.4G	-37.10	2.50406G	-55.04	16.92251G	-43.53	2
2437MHz	Pass	2.43073G	12.40	-17.60	631.14M	-56.48	2.39944G	-31.29	2.4G	-32.76	2.50718G	-55.60	16.57412G	-44.00	3
2437MHz	Pass	2.43073G	12.40	-17.60	1.79731G	-57.02	2.39992G	-30.51	2.4G	-33.44	2.51998G	-55.63	16.22293G	-43.74	4
2462MHz	Pass	2.43073G	12.40	-17.60	1.9406G	-57.75	2.39928G	-48.23	2.4G	-50.03	2.50518G	-54.70	17.64737G	-44.04	1
2462MHz	Pass	2.43073G	12.40	-17.60	759.29M	-57.46	2.39992G	-42.62	2.4G	-44.91	2.50566G	-55.52	23.25526G	-43.74	2
2462MHz	Pass	2.43073G	12.40	-17.60	818.71M	-57.42	2.3992G	-41.73	2.4G	-43.94	2.5083G	-55.72	16.20045G	-43.46	3
2462MHz	Pass	2.43073G	12.40	-17.60	2.30408G	-57.76	2.39912G	-48.81	2.4G	-48.51	2.51246G	-55.52	16.57131G	-43.01	4
802.11be EHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42204G	8.60	-21.40	30M	-45.20	2.4G	-24.91	2.4G	-25.54	2.51518G	-55.43	16.56388G	-43.08	1
2422MHz	Pass	2.42204G	8.60	-21.40	32.29M	-46.71	2.4G	-24.17	2.4G	-26.29	2.52974G	-55.84	16.26659G	-43.50	2
2422MHz	Pass	2.42204G	8.60	-21.40	30M	-47.22	2.4G	-25.98	2.4G	-24.24	2.50094G	-55.67	24.62419G	-43.16	3
2422MHz	Pass	2.42204G	8.60	-21.40	30M	-48.03	2.39984G	-26.27	2.4G	-26.16	2.53358G	-55.83	16.28903G	-42.86	4
2437MHz	Pass	2.42204G	8.60	-21.40	30M	-44.11	2.39936G	-26.05	2.4G	-32.80	2.50686G	-54.52	16.25257G	-43.87	1
2437MHz	Pass	2.42204G	8.60	-21.40	30M	-45.80	2.39952G	-28.73	2.4G	-31.85	2.54398G	-55.54	16.20489G	-44.14	2
2437MHz	Pass	2.42204G	8.60	-21.40	31.15M	-45.66	2.39872G	-26.75	2.4G	-25.03	2.51582G	-54.83	16.90042G	-44.15	3
2437MHz	Pass	2.42204G	8.60	-21.40	31.15M	-46.19	2.39952G	-25.25	2.4G	-26.66	2.51406G	-54.82	16.54144G	-43.93	4
2452MHz	Pass	2.42204G	8.60	-21.40	33.44M	-46.01	2.39968G	-30.71	2.4G	-33.39	2.51022G	-55.17	16.24416G	-43.69	1
2452MHz	Pass	2.42204G	8.60	-21.40	31.15M	-46.15	2.3984G	-30.89	2.4G	-33.09	2.50014G	-55.19	16.85836G	-43.35	2
2452MHz	Pass	2.42204G	8.60	-21.40	30M	-47.47	2.39456G	-30.57	2.4G	-33.02	2.52126G	-55.08	15.23171G	-43.85	3
2452MHz	Pass	2.42204G	8.60	-21.40	31.15M	-46.77	2.39952G	-29.24	2.4G	-32.92	2.5075G	-55.45	16.20209G	-43.80	4

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

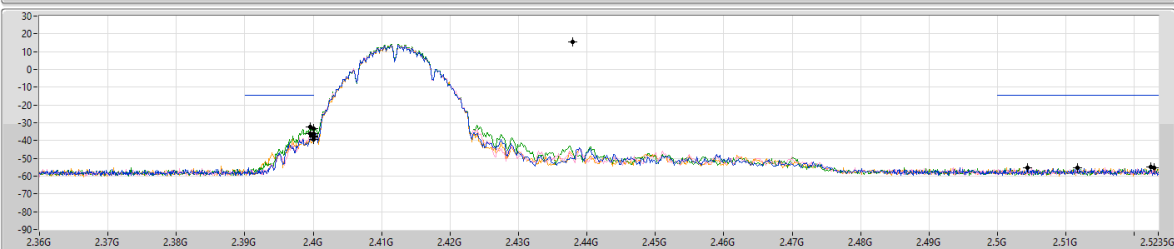
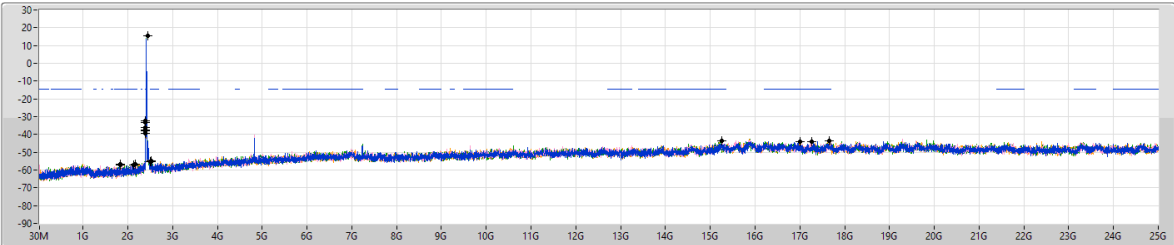
CSEndB

2412MHz

26/12/2023

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

Port 1
Port 2
Port 3
Port 4



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
2.43791G	15.45	-14.55	1.83808G	-57.31	2.4G	-37.51	2.4G	-37.95	2.50438G	-55.35	17.00118G	-43.83	1
2.43791G	15.45	-14.55	2.12351G	-57.11	2.39952G	-36.07	2.4G	-36.13	2.52294G	-55.33	15.25644G	-43.64	2
2.43791G	15.45	-14.55	1.82643G	-56.63	2.39952G	-32.16	2.4G	-33.31	2.52246G	-54.62	17.65588G	-43.61	3
2.43791G	15.45	-14.55	2.15962G	-56.95	2.4G	-37.47	2.4G	-39.51	2.51174G	-55.09	17.26246G	-43.99	4

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

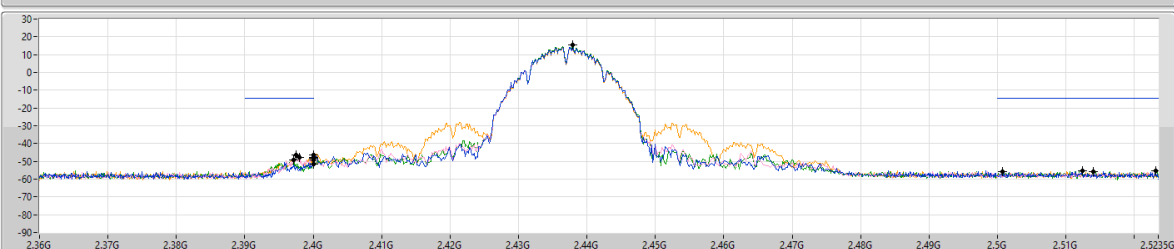
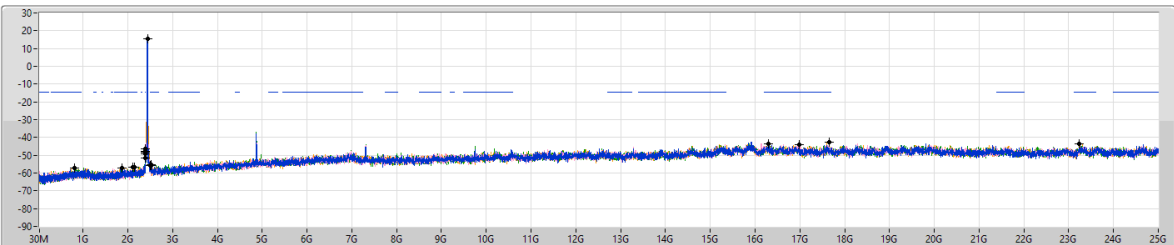
CSEndB

2437MHz

26/12/2023

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

Port 1
Port 2
Port 3
Port 4



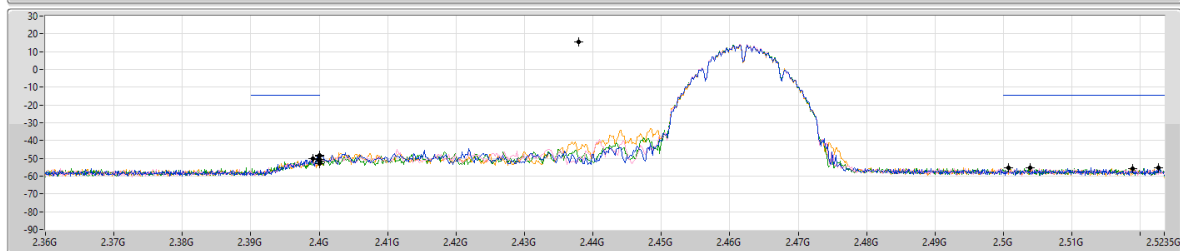
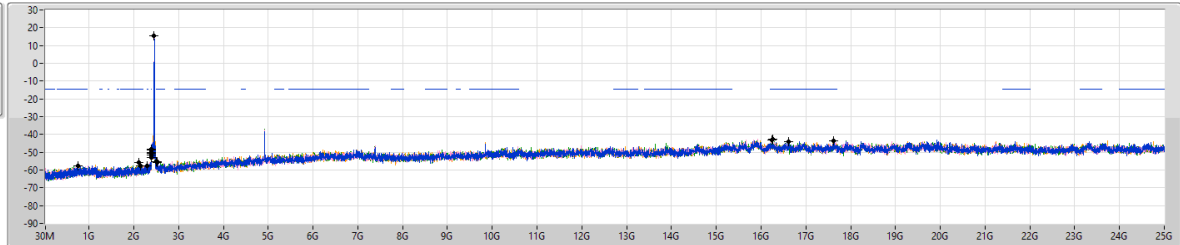
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43791G	15.45	-14.55	2.14681G	-56.77	2.4G	-48.39	2.4G	-47.96	2.51246G	-55.12	16.30721G	-43.62	1
2.43791G	15.45	-14.55	819.87M	-57.32	2.3988G	-47.73	2.4G	-49.28	2.51406G	-56.00	23.23599G	-43.78	2
2.43791G	15.45	-14.55	1.87653G	-57.23	2.39712G	-49.32	2.4G	-51.76	2.5231G	-55.28	16.9787G	-44.12	3
2.43791G	15.45	-14.55	2.12118G	-56.82	2.39752G	-46.34	2.4G	-46.63	2.5007G	-55.71	17.65588G	-42.46	4

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

CSEndB

2462MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

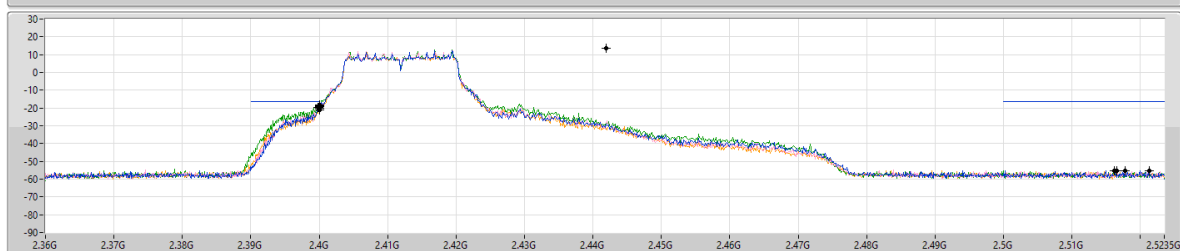
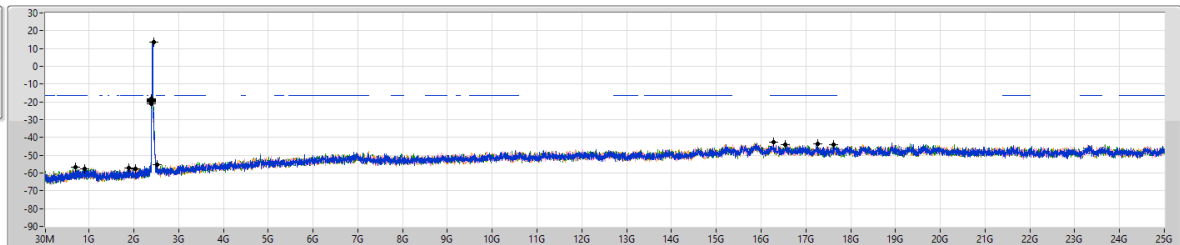
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43791G	15.45	-14.55	751.14M	-57.46	2.4G	-48.64	2.4G	-48.28	2.5227G	-55.18	16.26226G	-42.89	1
2.43791G	15.45	-14.55	2.30525G	-57.65	2.4G	-50.51	2.4G	-51.51	2.50078G	-55.53	16.24259G	-43.07	2
2.43791G	15.45	-14.55	2.11652G	-55.79	2.39992G	-50.82	2.4G	-50.76	2.51886G	-55.57	17.61085G	-43.64	3
2.43791G	15.45	-14.55	2.1538G	-57.47	2.39912G	-50.08	2.4G	-53.10	2.5039G	-55.36	16.61908G	-44.23	4

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

CSEndB

2412MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

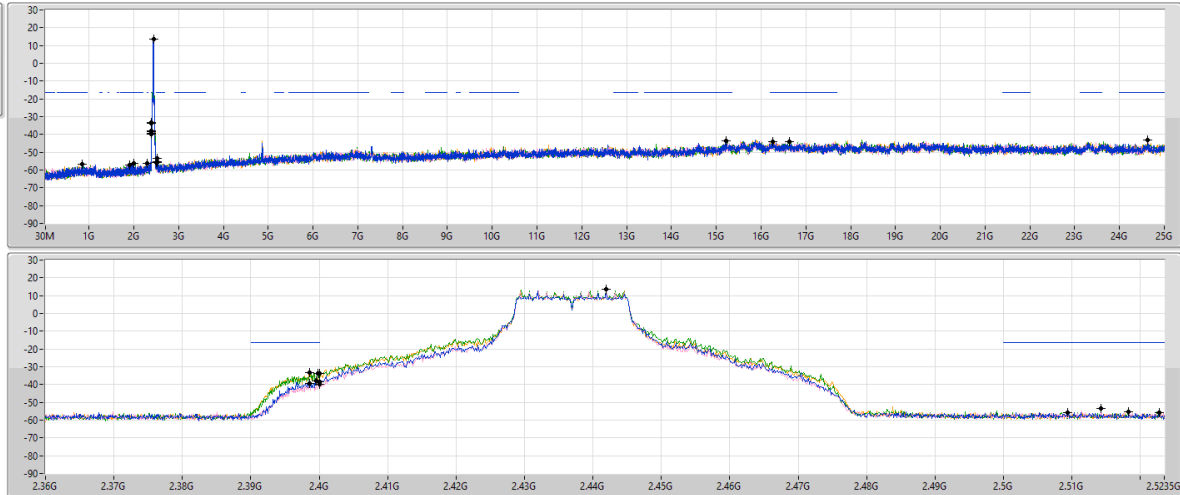
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.46	-16.54	901.42M	-57.65	2.4G	-20.28	2.4G	-18.59	2.51622G	-55.19	16.54884G	-44.15	1
2.44192G	13.46	-16.54	2.04196G	-57.68	2.39984G	-19.85	2.4G	-20.31	2.51782G	-55.46	16.2735G	-42.59	2
2.44192G	13.46	-16.54	694.05M	-56.90	2.39992G	-19.69	2.4G	-18.19	2.52126G	-55.27	17.62771G	-44.14	3
2.44192G	13.46	-16.54	1.89517G	-57.18	2.4G	-21.28	2.4G	-19.20	2.51654G	-55.17	17.26808G	-43.65	4

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

CSEndB

2437MHz

26/12/2023

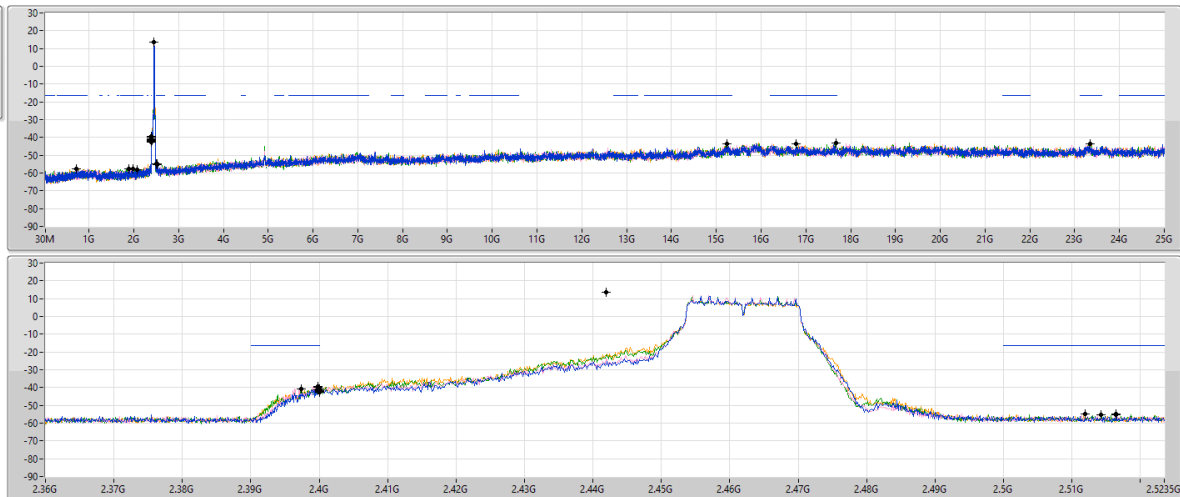
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

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

CSEndB

2462MHz

26/12/2023

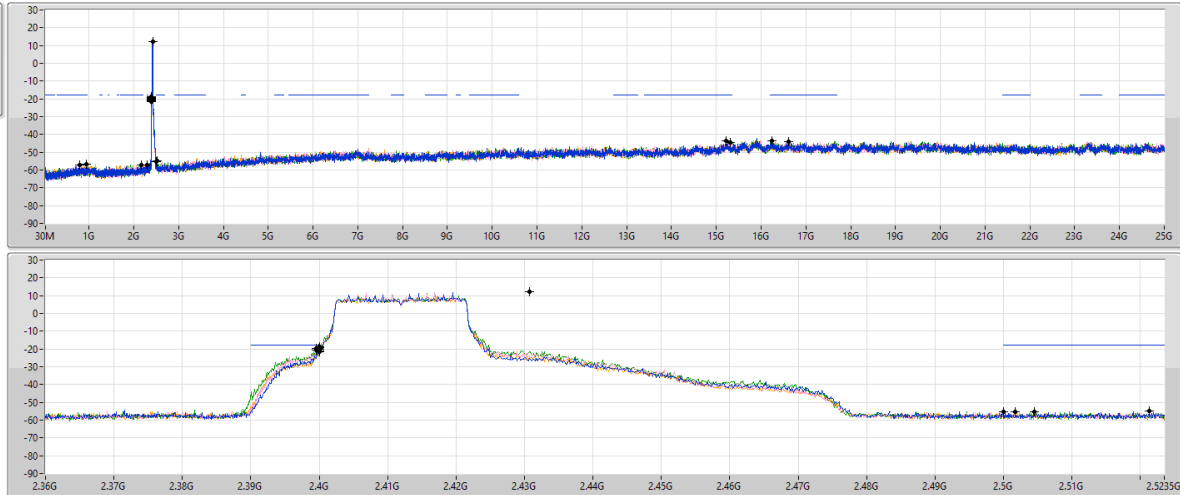
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2412MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

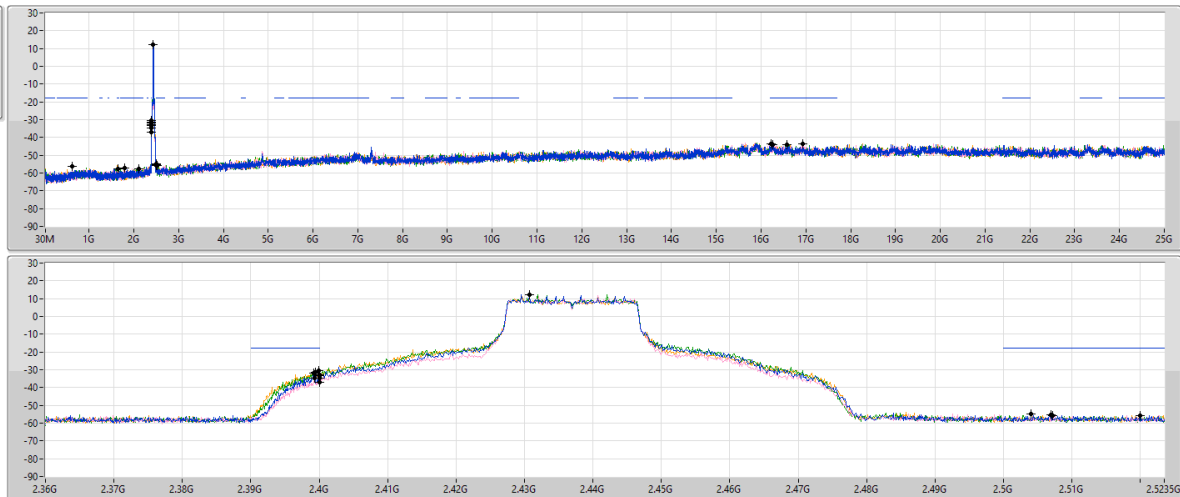
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2.43073G	12.40	-17.60	786.09M	-57.20	2.4G	-21.03	2.4G	-20.15	2.50446G	-55.29	15.32106G	-44.49	1
2.43073G	12.40	-17.60	2.17127G	-57.10	2.39992G	-19.72	2.4G	-18.73	2.50006G	-55.54	16.62188G	-43.87	2
2.43073G	12.40	-17.60	943.36M	-56.66	2.39952G	-19.48	2.4G	-19.16	2.52126G	-54.85	15.21991G	-43.82	3
2.43073G	12.40	-17.60	2.30059G	-56.97	2.3996G	-20.55	2.4G	-21.72	2.50166G	-55.46	16.23697G	-43.51	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2437MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

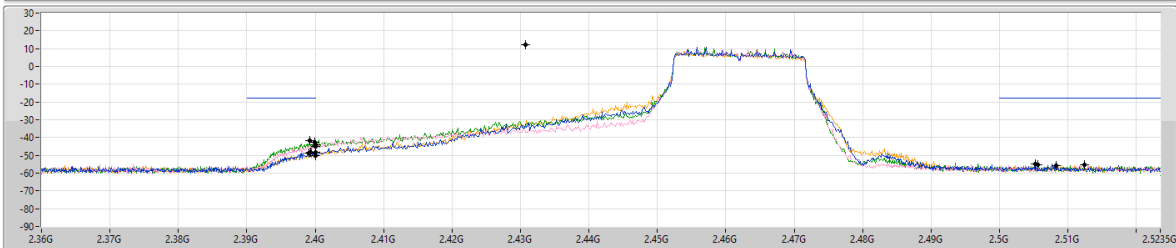
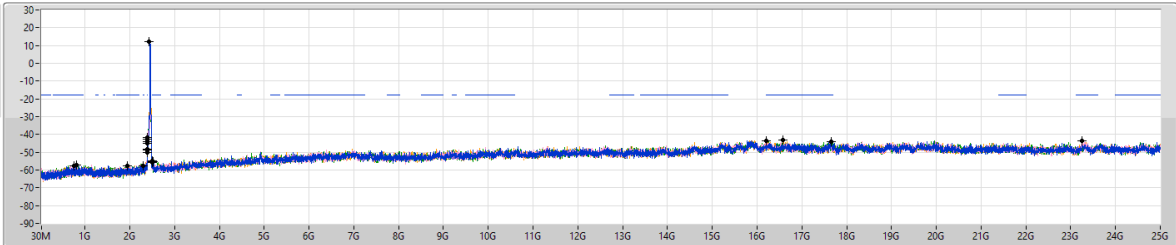
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2.43073G	12.40	-17.60	1.64935G	-57.55	2.3992G	-31.91	2.4G	-34.75	2.50694G	-55.41	16.2564G	-44.14	1
2.43073G	12.40	-17.60	2.1037G	-57.68	2.39936G	-34.81	2.4G	-37.10	2.50406G	-55.04	16.92251G	-43.53	2
2.43073G	12.40	-17.60	631.14M	-56.48	2.39944G	-31.29	2.4G	-32.76	2.50718G	-55.60	16.57412G	-44.00	3
2.43073G	12.40	-17.60	1.79731G	-57.02	2.39992G	-30.51	2.4G	-33.44	2.51998G	-55.63	16.22293G	-43.74	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2462MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

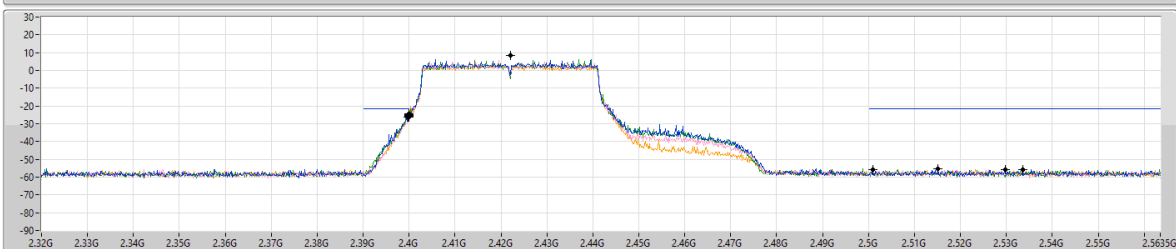
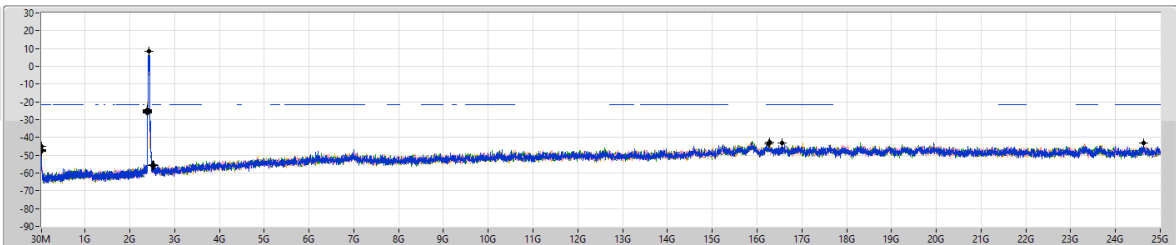
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	12.40	-17.60	1.9406G	-57.75	2.39928G	-48.23	2.4G	-50.03	2.50518G	-54.70	17.64737G	-44.04	1
2.43073G	12.40	-17.60	759.29M	-57.46	2.39992G	-42.62	2.4G	-44.91	2.50566G	-55.52	23.25526G	-43.74	2
2.43073G	12.40	-17.60	818.71M	-57.42	2.3992G	-41.73	2.4G	-43.94	2.5083G	-55.72	16.20045G	-43.46	3
2.43073G	12.40	-17.60	2.30408G	-57.76	2.39912G	-48.81	2.4G	-48.51	2.51246G	-55.52	16.57131G	-43.01	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2422MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

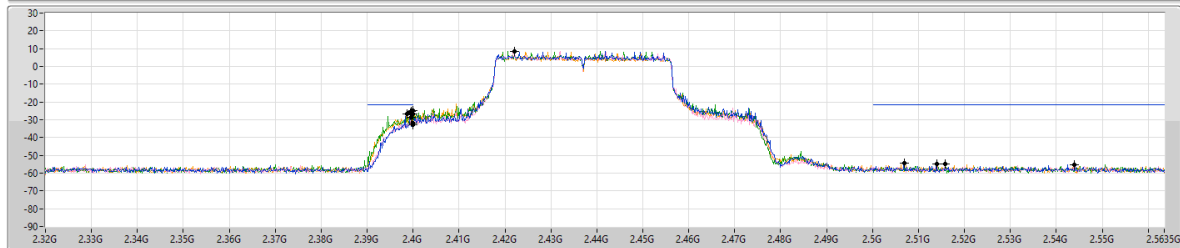
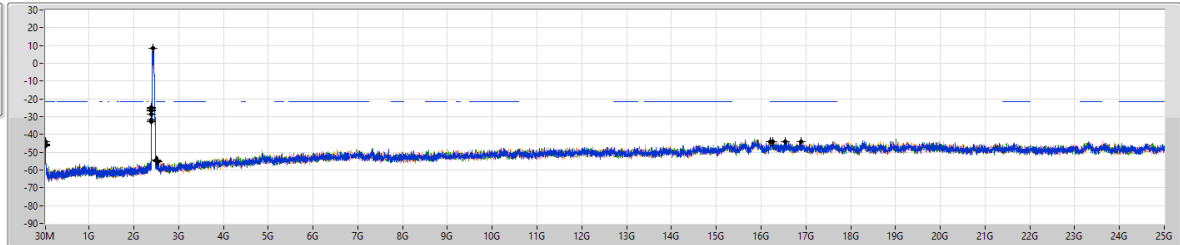
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42204G	8.60	-21.40	30M	-45.20	2.4G	-24.91	2.4G	-25.54	2.51518G	-55.43	16.56388G	-43.08	1
2.42204G	8.60	-21.40	32.29M	-46.71	2.4G	-24.17	2.4G	-26.29	2.52974G	-55.84	16.26659G	-43.50	2
2.42204G	8.60	-21.40	30M	-47.22	2.4G	-25.98	2.4G	-24.24	2.50094G	-55.67	24.62419G	-43.16	3
2.42204G	8.60	-21.40	30M	-48.03	2.39904G	-26.27	2.4G	-26.16	2.53358G	-55.83	16.28903G	-42.86	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2437MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

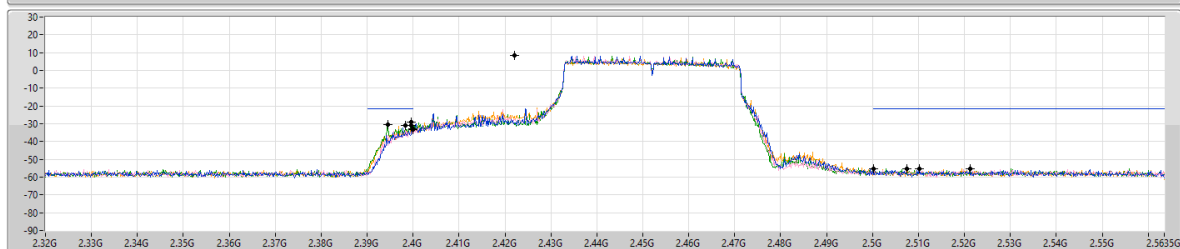
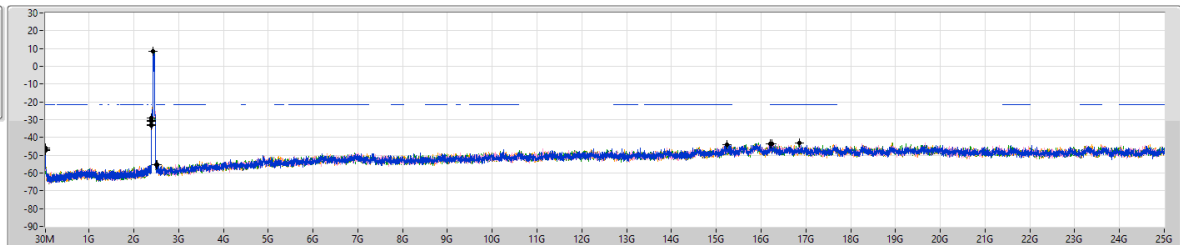
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42204G	8.60	-21.40	30M	-44.11	2.39936G	-26.05	2.4G	-32.80	2.50686G	-54.52	16.25257G	-43.87	1
2.42204G	8.60	-21.40	30M	-45.80	2.39952G	-28.73	2.4G	-31.85	2.54398G	-55.54	16.20489G	-44.14	2
2.42204G	8.60	-21.40	31.15M	-45.66	2.39872G	-26.75	2.4G	-25.03	2.51582G	-54.83	16.90042G	-44.15	3
2.42204G	8.60	-21.40	31.15M	-46.19	2.39952G	-25.25	2.4G	-26.66	2.51406G	-54.82	16.54144G	-43.93	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2452MHz

26/12/2023

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

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
2.42204G	8.60	-21.40	33.44M	-46.01	2.39968G	-30.71	2.4G	-33.39	2.51022G	-55.17	16.24416G	-43.69	1
2.42204G	8.60	-21.40	31.15M	-46.15	2.3984G	-30.89	2.4G	-33.09	2.50014G	-55.19	16.85836G	-43.35	2
2.42204G	8.60	-21.40	30M	-47.47	2.39456G	-30.57	2.4G	-33.02	2.52126G	-55.08	15.23171G	-43.85	3
2.42204G	8.60	-21.40	31.15M	-46.77	2.39952G	-29.24	2.4G	-32.92	2.5075G	-55.45	16.20299G	-43.80	4



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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	Pass	2.41386G	13.46	-16.54	2.14331G	-52.27	2.4G	-21.27	2.4G	-19.74	2.5203G	-50.33	24.12061G	-38.33	1
802.11be EHT40-BF_Nss1,(MCS0)_4TX	Pass	2.44092G	16.27	-13.73	1.98337G	-51.87	2.4G	-22.80	2.4G	-21.25	2.51406G	-50.11	17.53425G	-38.73	1

**Result**

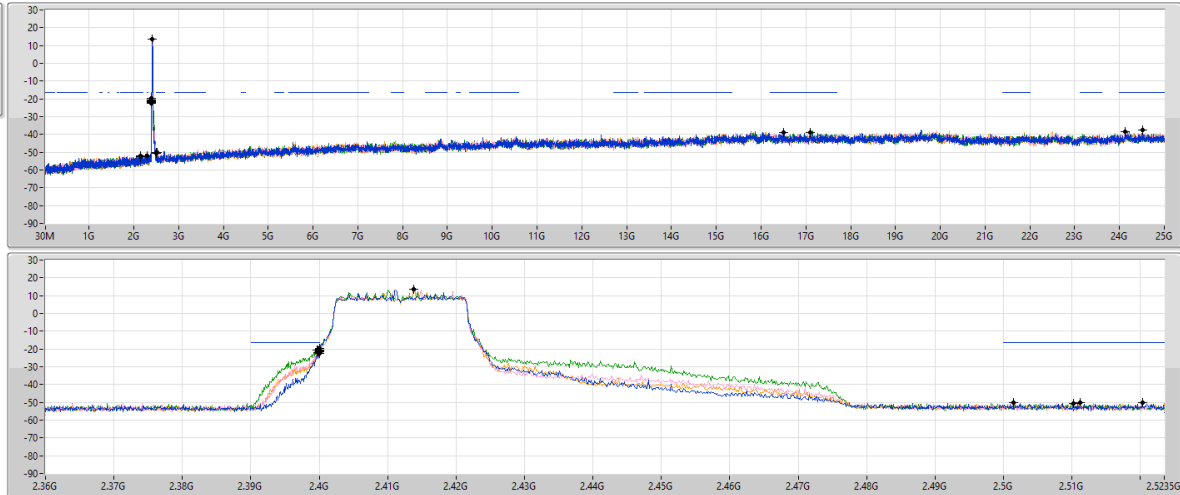
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41386G	13.46	-16.54	2.14331G	-52.27	2.4G	-21.27	2.4G	-19.74	2.5203G	-50.33	24.12061G	-38.33	1
2412MHz	Pass	2.41386G	13.46	-16.54	2.15263G	-52.05	2.39984G	-22.16	2.4G	-22.53	2.51126G	-50.11	16.50669G	-39.07	2
2412MHz	Pass	2.41386G	13.46	-16.54	2.30758G	-51.91	2.39984G	-20.63	2.4G	-20.67	2.51022G	-50.71	24.50833G	-37.63	3
2412MHz	Pass	2.41386G	13.46	-16.54	2.15613G	-52.37	2.39968G	-20.49	2.4G	-21.43	2.50142G	-50.36	17.09951G	-38.76	4
2437MHz	Pass	2.41386G	13.46	-16.54	2.09322G	-51.92	2.39984G	-45.39	2.4G	-45.32	2.5075G	-50.52	24.55609G	-38.40	1
2437MHz	Pass	2.41386G	13.46	-16.54	2.01749G	-51.63	2.39936G	-44.17	2.4G	-45.73	2.5187G	-50.39	24.53923G	-38.43	2
2437MHz	Pass	2.41386G	13.46	-16.54	2.30175G	-52.49	2.39986G	-39.71	2.4G	-40.88	2.50318G	-50.56	17.49285G	-38.99	3
2437MHz	Pass	2.41386G	13.46	-16.54	2.30641G	-51.99	2.4G	-39.75	2.4G	-41.78	2.51206G	-49.92	24.13746G	-39.01	4
2462MHz	Pass	2.41386G	13.46	-16.54	2.19341G	-52.13	2.398G	-44.80	2.4G	-46.76	2.50342G	-50.38	24.823G	-39.18	1
2462MHz	Pass	2.41386G	13.46	-16.54	1.91847G	-52.26	2.3996G	-45.66	2.4G	-46.97	2.51046G	-50.09	23.4716G	-38.88	2
2462MHz	Pass	2.41386G	13.46	-16.54	2.14215G	-51.34	2.39968G	-41.30	2.4G	-42.61	2.5059G	-50.82	24.5308G	-38.68	3
2462MHz	Pass	2.41386G	13.46	-16.54	2.05361G	-51.27	2.39944G	-43.70	2.4G	-44.37	2.50374G	-50.13	21.86172G	-38.28	4
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44092G	16.27	-13.73	1.98337G	-51.87	2.4G	-22.80	2.4G	-21.25	2.51406G	-50.11	17.53425G	-38.73	1
2422MHz	Pass	2.44092G	16.27	-13.73	1.93185G	-52.08	2.4G	-23.10	2.4G	-22.50	2.52078G	-50.46	24.89062G	-38.11	2
2422MHz	Pass	2.44092G	16.27	-13.73	2.13795G	-52.19	2.39984G	-22.86	2.4G	-22.35	2.53758G	-50.53	24.61017G	-38.72	3
2422MHz	Pass	2.44092G	16.27	-13.73	2.16428G	-52.29	2.4G	-24.14	2.4G	-21.64	2.51886G	-50.22	24.53164G	-38.84	4
2437MHz	Pass	2.44092G	16.27	-13.73	2.06581G	-51.13	2.39936G	-32.30	2.4G	-35.52	2.53662G	-50.45	24.53164G	-39.45	1
2437MHz	Pass	2.44092G	16.27	-13.73	2.30397G	-52.06	2.3992G	-27.87	2.4G	-33.85	2.54446G	-50.44	24.43628G	-38.60	2
2437MHz	Pass	2.44092G	16.27	-13.73	2.16428G	-51.66	2.39968G	-30.54	2.4G	-32.38	2.51934G	-50.61	24.25118G	-38.63	3
2437MHz	Pass	2.44092G	16.27	-13.73	2.18031G	-51.53	2.39952G	-30.02	2.4G	-37.33	2.50862G	-50.34	15.15879G	-38.07	4
2452MHz	Pass	2.44092G	16.27	-13.73	2.13909G	-52.33	2.396G	-34.06	2.4G	-38.90	2.51198G	-50.49	24.47274G	-38.59	1
2452MHz	Pass	2.44092G	16.27	-13.73	2.1723G	-52.38	2.39984G	-32.19	2.4G	-32.77	2.50622G	-50.71	16.2105G	-38.66	2
2452MHz	Pass	2.44092G	16.27	-13.73	2.30741G	-51.84	2.39984G	-33.15	2.4G	-33.56	2.51358G	-50.38	21.88413G	-38.60	3
2452MHz	Pass	2.44092G	16.27	-13.73	2.30054G	-52.51	2.39952G	-28.56	2.4G	-31.87	2.5283G	-49.82	24.49798G	-38.34	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

CSEndB

2412MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

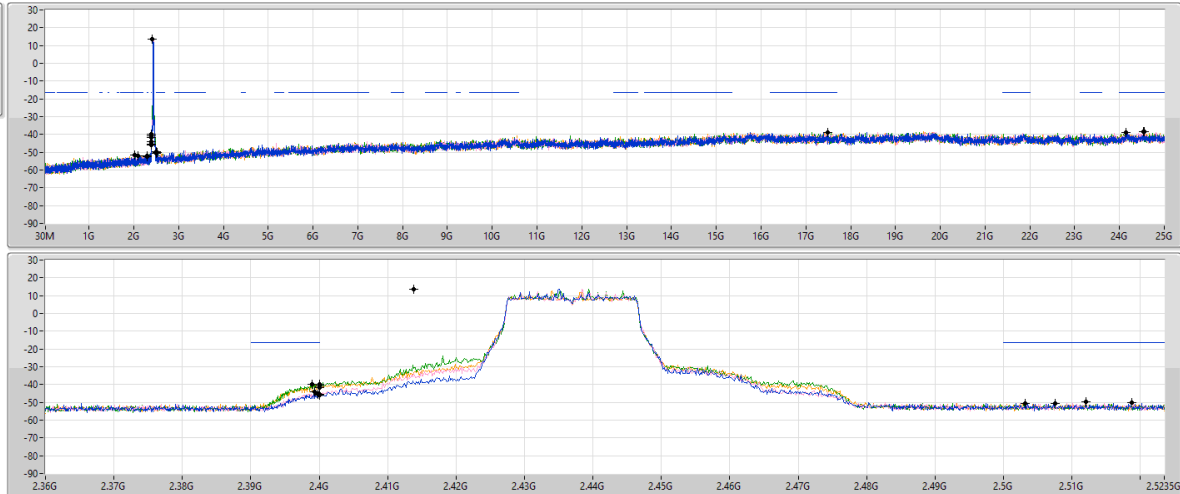
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41386G	13.46	-16.54	2.14331G	-52.27	2.4G	-21.27	2.4G	-19.74	2.5203G	-50.33	2.412061G	-38.33	1
2.41386G	13.46	-16.54	2.15263G	-52.05	2.39984G	-22.16	2.4G	-22.53	2.51126G	-50.11	16.50669G	-39.07	2
2.41386G	13.46	-16.54	2.30758G	-51.91	2.39984G	-20.63	2.4G	-20.67	2.51022G	-50.71	24.50833G	-37.63	3
2.41386G	13.46	-16.54	2.15613G	-52.37	2.39986G	-20.49	2.4G	-21.43	2.50142G	-50.36	17.09951G	-38.76	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

CSEndB

2437MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

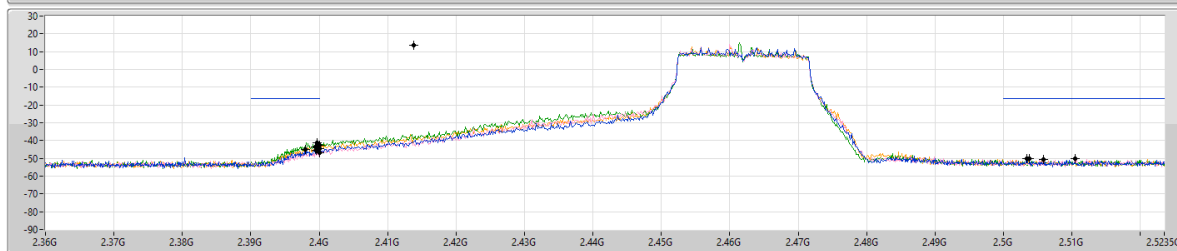
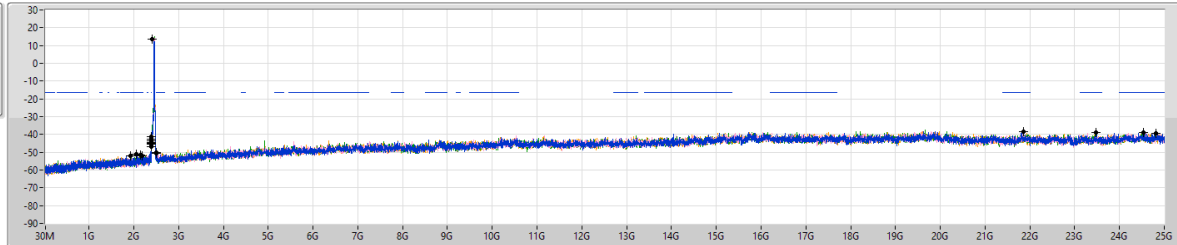
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41386G	13.46	-16.54	2.09322G	-51.92	2.39984G	-45.39	2.4G	-45.32	2.5075G	-50.52	24.55609G	-38.40	1
2.41386G	13.46	-16.54	2.01749G	-51.63	2.39936G	-44.17	2.4G	-45.73	2.5187G	-50.39	24.53923G	-38.43	2
2.41386G	13.46	-16.54	2.30175G	-52.49	2.39896G	-39.71	2.4G	-40.88	2.50318G	-50.56	17.49285G	-38.99	3
2.41386G	13.46	-16.54	2.30641G	-51.99	2.4G	-39.75	2.4G	-41.78	2.51206G	-49.92	24.13746G	-39.01	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

CSNdB

2462MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

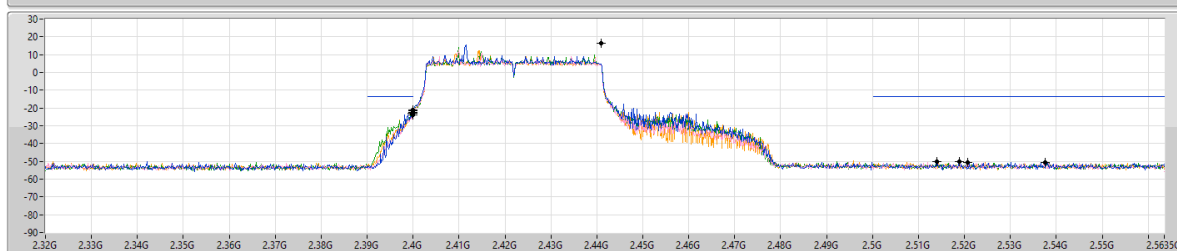
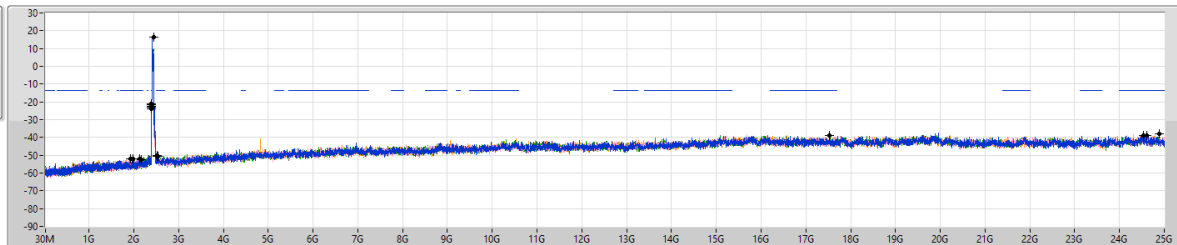
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41386G	13.46	-16.54	2.19341G	-52.13	2.398G	-44.80	2.4G	-46.76	2.50342G	-50.38	2.4823G	-39.18	1
2.41386G	13.46	-16.54	1.91847G	-52.26	2.3996G	-45.66	2.4G	-46.97	2.51046G	-50.09	2.4716G	-38.88	2
2.41386G	13.46	-16.54	2.14215G	-51.34	2.39988G	-41.30	2.4G	-42.61	2.5059G	-50.82	2.45308G	-38.68	3
2.41386G	13.46	-16.54	2.05361G	-51.27	2.39944G	-43.70	2.4G	-44.37	2.50374G	-50.13	2.186172G	-38.28	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

CSNdB

2422MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

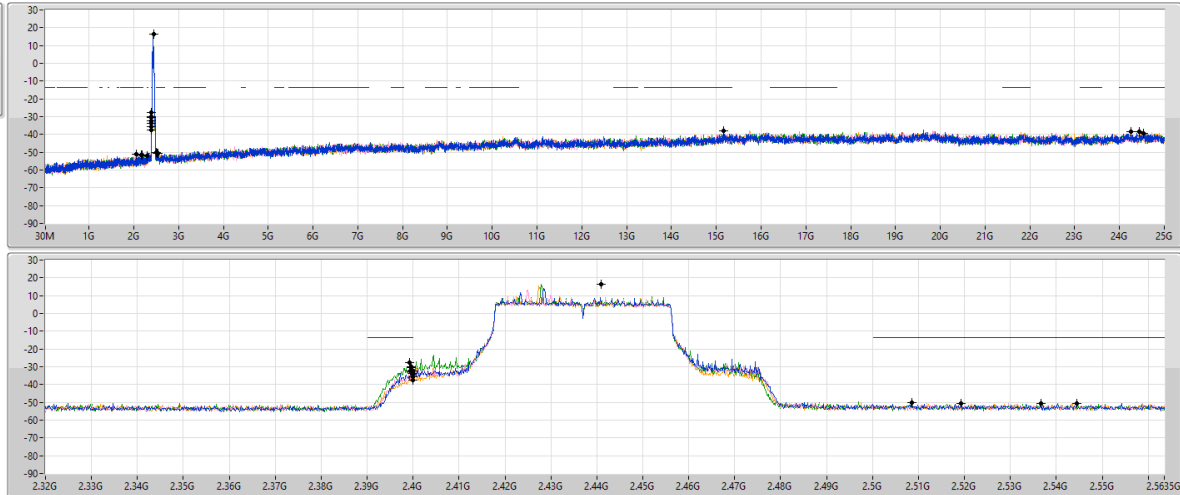
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44092G	16.27	-13.73	1.98337G	-51.87	2.4G	-22.80	2.4G	-21.25	2.51406G	-50.11	17.53425G	-38.73	1
2.44092G	16.27	-13.73	1.93185G	-52.08	2.4G	-23.10	2.4G	-22.50	2.52078G	-50.46	24.89062G	-38.11	2
2.44092G	16.27	-13.73	2.13795G	-52.19	2.39984G	-22.86	2.4G	-22.35	2.53758G	-50.53	24.61017G	-38.72	3
2.44092G	16.27	-13.73	2.16428G	-52.29	2.4G	-24.14	2.4G	-21.64	2.51886G	-50.22	24.53164G	-38.84	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

CSEndB

2437MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

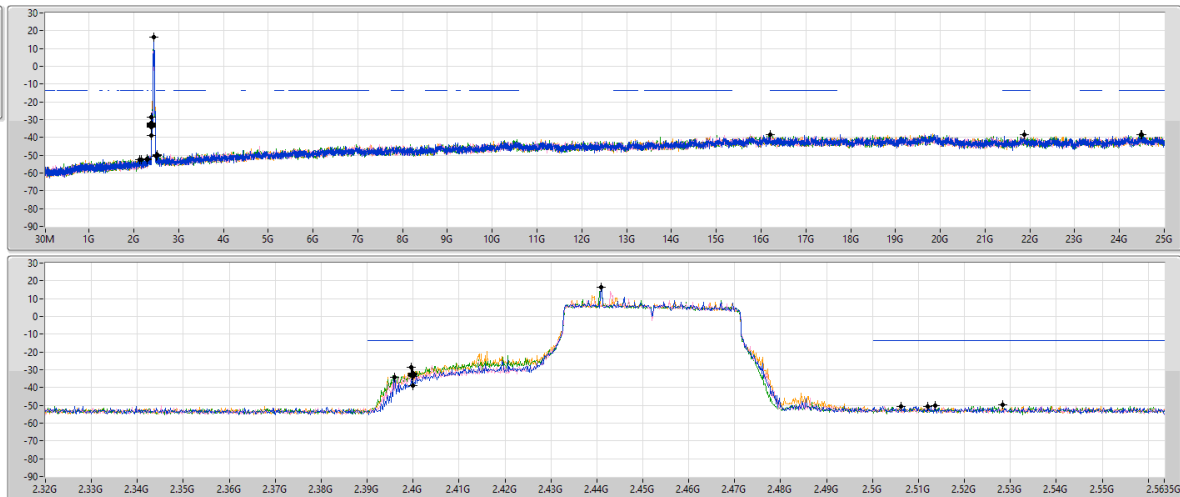
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44092G	16.27	-13.73	2.06581G	-51.13	2.39936G	-32.30	2.4G	-35.52	2.53662G	-50.45	24.53164G	-39.45	1
2.44092G	16.27	-13.73	2.30397G	-52.06	2.3992G	-27.87	2.4G	-33.85	2.54446G	-50.44	24.43628G	-38.60	2
2.44092G	16.27	-13.73	2.16428G	-51.66	2.39968G	-30.54	2.4G	-32.38	2.51934G	-50.61	24.25118G	-38.63	3
2.44092G	16.27	-13.73	2.18031G	-51.53	2.39952G	-30.02	2.4G	-37.33	2.50862G	-50.34	15.15879G	-38.07	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

CSEndB

2452MHz

30/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

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
2.44092G	16.27	-13.73	2.13909G	-52.33	2.396G	-34.06	2.4G	-38.90	2.51198G	-50.49	24.47274G	-38.59	1
2.44092G	16.27	-13.73	2.1723G	-52.38	2.39984G	-32.19	2.4G	-32.77	2.50622G	-50.71	16.2105G	-38.66	2
2.44092G	16.27	-13.73	2.30741G	-51.84	2.39984G	-33.15	2.4G	-33.56	2.51358G	-50.38	21.88413G	-38.60	3
2.44092G	16.27	-13.73	2.30054G	-52.51	2.39952G	-28.56	2.4G	-31.87	2.5283G	-49.82	24.49798G	-38.34	4



Summary

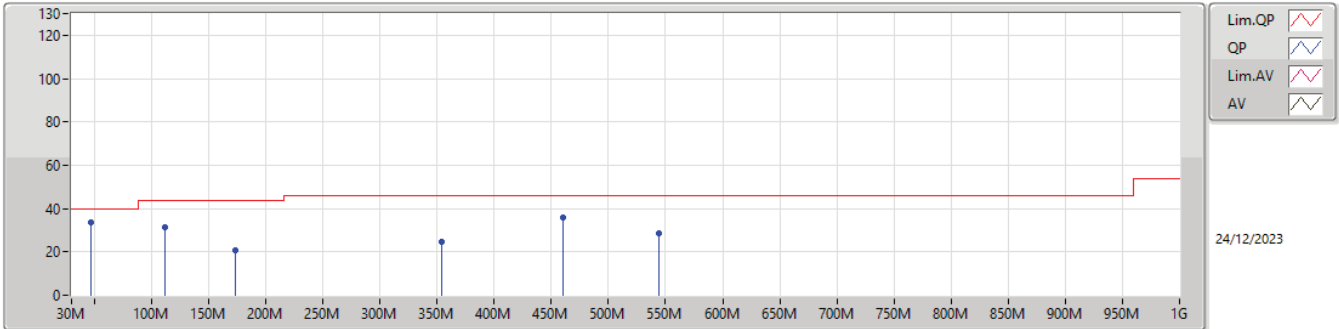
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	PK	47.46M	33.38	40.00	-6.62	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2462MHz	Pass	PK	47.46M	33.38	40.00	-6.62	3	Vertical	360	1.00
2462MHz	Pass	PK	111.48M	31.16	43.50	-12.34	3	Vertical	360	1.00
2462MHz	Pass	PK	173.56M	20.73	43.50	-22.77	3	Vertical	360	1.00
2462MHz	Pass	PK	353.98M	24.45	46.00	-21.55	3	Vertical	360	1.00
2462MHz	Pass	PK	460.68M	35.66	46.00	-10.34	3	Vertical	360	1.00
2462MHz	Pass	PK	544.1M	28.51	46.00	-17.49	3	Vertical	360	1.00
2462MHz	Pass	PK	30M	21.68	40.00	-18.32	3	Horizontal	0	1.00
2462MHz	Pass	PK	119.24M	25.61	43.50	-17.89	3	Horizontal	0	1.00
2462MHz	Pass	PK	183.26M	21.34	43.50	-22.16	3	Horizontal	0	1.00
2462MHz	Pass	PK	307.42M	22.14	46.00	-23.86	3	Horizontal	0	1.00
2462MHz	Pass	PK	460.68M	28.28	46.00	-17.72	3	Horizontal	0	1.00
2462MHz	Pass	PK	551.86M	27.55	46.00	-18.45	3	Horizontal	0	1.00

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

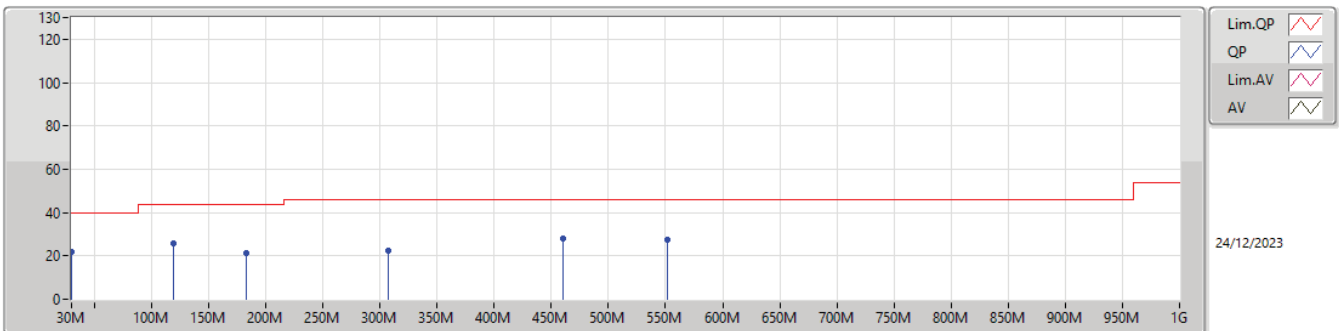
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	33.38	40.00	-6.62	-12.20	3	Vertical	360	1.00	45.58	14.25	1.11	27.56
PK	111.48M	31.16	43.50	-12.34	-8.35	3	Vertical	360	1.00	39.51	17.31	1.74	27.40
PK	173.56M	20.73	43.50	-22.77	-10.30	3	Vertical	360	1.00	31.03	14.69	2.18	27.17
PK	353.98M	24.45	46.00	-21.55	-4.29	3	Vertical	360	1.00	28.74	19.63	3.19	27.11
PK	460.68M	35.66	46.00	-10.34	-1.61	3	Vertical	360	1.00	37.27	22.56	3.67	27.84
PK	544.1M	28.51	46.00	-17.49	0.47	3	Vertical	360	1.00	28.04	24.73	3.97	28.23

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

2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	21.68	40.00	-18.32	-3.18	3	Horizontal	0	1.00	24.86	23.49	0.92	27.59
PK	119.24M	25.61	43.50	-17.89	-8.12	3	Horizontal	0	1.00	33.73	17.43	1.81	27.36
PK	183.26M	21.34	43.50	-22.16	-10.54	3	Horizontal	0	1.00	31.88	14.36	2.24	27.14
PK	307.42M	22.14	46.00	-23.86	-5.49	3	Horizontal	0	1.00	27.63	18.54	2.95	26.98
PK	460.68M	28.28	46.00	-17.72	-1.61	3	Horizontal	0	1.00	29.89	22.56	3.67	27.84
PK	551.86M	27.55	46.00	-18.45	0.25	3	Horizontal	0	1.00	27.30	24.51	4.00	28.26



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.489G	52.57	54.00	-1.43	3	Vertical	161	1.56
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4835G	53.97	54.00	-0.03	3	Vertical	345	1.26
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	2.4842G	52.83	54.00	-1.17	3	Horizontal	168	1.61
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	2.4866G	52.58	54.00	-1.42	3	Vertical	329	1.60



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.38	54.00	-5.62	3	Vertical	323	1.49
2412MHz	Pass	AV	2.4128G	120.61	Inf	-Inf	3	Vertical	323	1.49
2412MHz	Pass	PK	2.3818G	58.54	74.00	-15.46	3	Vertical	323	1.49
2412MHz	Pass	PK	2.4128G	122.87	Inf	-Inf	3	Vertical	323	1.49
2412MHz	Pass	AV	2.39G	47.53	54.00	-6.47	3	Horizontal	321	1.49
2412MHz	Pass	AV	2.4102G	115.60	Inf	-Inf	3	Horizontal	321	1.49
2412MHz	Pass	PK	2.3642G	58.23	74.00	-15.77	3	Horizontal	321	1.49
2412MHz	Pass	PK	2.4104G	117.90	Inf	-Inf	3	Horizontal	321	1.49
2412MHz	Pass	AV	4.824G	48.83	54.00	-5.17	3	Vertical	192	2.06
2412MHz	Pass	PK	4.82406G	53.21	74.00	-20.79	3	Vertical	192	2.06
2412MHz	Pass	AV	4.824G	45.77	54.00	-8.23	3	Horizontal	205	2.02
2412MHz	Pass	PK	4.82388G	51.00	74.00	-23.00	3	Horizontal	205	2.02
2437MHz	Pass	AV	2.3666G	46.29	54.00	-7.71	3	Vertical	161	1.41
2437MHz	Pass	AV	2.4382G	121.39	Inf	-Inf	3	Vertical	161	1.41
2437MHz	Pass	AV	2.4866G	47.49	54.00	-6.51	3	Vertical	161	1.41
2437MHz	Pass	PK	2.3394G	58.50	74.00	-15.50	3	Vertical	161	1.41
2437MHz	Pass	PK	2.4378G	123.82	Inf	-Inf	3	Vertical	161	1.41
2437MHz	Pass	PK	2.4886G	59.11	74.00	-14.89	3	Vertical	161	1.41
2437MHz	Pass	AV	2.3898G	46.08	54.00	-7.92	3	Horizontal	249	1.50
2437MHz	Pass	AV	2.4386G	115.77	Inf	-Inf	3	Horizontal	249	1.50
2437MHz	Pass	AV	2.4914G	47.25	54.00	-6.75	3	Horizontal	249	1.50
2437MHz	Pass	PK	2.3538G	58.31	74.00	-15.69	3	Horizontal	249	1.50
2437MHz	Pass	PK	2.4386G	118.05	Inf	-Inf	3	Horizontal	249	1.50
2437MHz	Pass	PK	2.4914G	59.64	74.00	-14.36	3	Horizontal	249	1.50
2437MHz	Pass	AV	4.874G	42.13	54.00	-11.87	3	Vertical	10	1.65
2437MHz	Pass	AV	7.30152G	38.74	54.00	-15.26	3	Vertical	279	1.50
2437MHz	Pass	PK	4.87406G	49.85	74.00	-24.15	3	Vertical	10	1.65
2437MHz	Pass	PK	7.3092G	50.93	74.00	-23.07	3	Vertical	279	1.50
2437MHz	Pass	AV	4.88768G	33.65	54.00	-20.35	3	Horizontal	54	1.39
2437MHz	Pass	AV	7.2975G	38.67	54.00	-15.33	3	Horizontal	190	1.50
2437MHz	Pass	PK	4.8695G	46.57	74.00	-27.43	3	Horizontal	54	1.39
2437MHz	Pass	PK	7.32528G	51.55	74.00	-22.45	3	Horizontal	190	1.50
2462MHz	Pass	AV	2.463G	122.67	Inf	-Inf	3	Vertical	161	1.56
2462MHz	Pass	AV	2.489G	52.57	54.00	-1.43	3	Vertical	161	1.56
2462MHz	Pass	PK	2.4628G	123.57	Inf	-Inf	3	Vertical	161	1.56
2462MHz	Pass	PK	2.489G	61.34	74.00	-12.66	3	Vertical	161	1.56
2462MHz	Pass	AV	2.4598G	119.53	Inf	-Inf	3	Horizontal	175	1.83
2462MHz	Pass	AV	2.4864G	51.81	54.00	-2.19	3	Horizontal	175	1.83
2462MHz	Pass	PK	2.4592G	122.22	Inf	-Inf	3	Horizontal	175	1.83
2462MHz	Pass	PK	2.487G	61.58	74.00	-12.42	3	Horizontal	175	1.83
2462MHz	Pass	AV	4.924G	42.57	54.00	-11.43	3	Vertical	3	1.61
2462MHz	Pass	AV	7.38486G	41.29	54.00	-12.71	3	Vertical	195	2.28
2462MHz	Pass	PK	4.92382G	49.57	74.00	-24.43	3	Vertical	3	1.61
2462MHz	Pass	PK	7.38504G	51.86	74.00	-22.14	3	Vertical	195	2.28
2462MHz	Pass	AV	4.92394G	39.74	54.00	-14.26	3	Horizontal	53	1.66
2462MHz	Pass	AV	7.38432G	50.36	54.00	-3.64	3	Horizontal	293	2.93
2462MHz	Pass	PK	4.92406G	48.20	74.00	-25.80	3	Horizontal	53	1.66
2462MHz	Pass	PK	7.38444G	56.49	74.00	-17.51	3	Horizontal	293	2.93
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.36	54.00	-1.64	3	Vertical	340	1.38
2412MHz	Pass	AV	2.4142G	114.70	Inf	-Inf	3	Vertical	340	1.38
2412MHz	Pass	PK	2.39G	65.67	74.00	-8.33	3	Vertical	340	1.38
2412MHz	Pass	PK	2.4146G	123.37	Inf	-Inf	3	Vertical	340	1.38
2412MHz	Pass	AV	2.39G	50.52	54.00	-3.48	3	Horizontal	161	1.84
2412MHz	Pass	AV	2.4194G	113.66	Inf	-Inf	3	Horizontal	161	1.84
2412MHz	Pass	PK	2.39G	62.48	74.00	-11.52	3	Horizontal	161	1.84
2412MHz	Pass	PK	2.4194G	122.26	Inf	-Inf	3	Horizontal	161	1.84
2412MHz	Pass	AV	4.81752G	38.14	54.00	-15.86	3	Vertical	47	1.95
2412MHz	Pass	PK	4.81704G	51.80	74.00	-22.20	3	Vertical	47	1.95
2412MHz	Pass	AV	4.81752G	36.26	54.00	-17.74	3	Horizontal	29	2.11

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.81878G	49.18	74.00	-24.82	3	Horizontal	29	2.11
2417MHz	Pass	AV	2.39G	47.31	54.00	-6.69	3	Vertical	27	1.49
2417MHz	Pass	AV	2.4244G	115.42	Inf	-Inf	3	Vertical	27	1.49
2417MHz	Pass	PK	2.39G	59.70	74.00	-14.30	3	Vertical	27	1.49
2417MHz	Pass	PK	2.4246G	124.14	Inf	-Inf	3	Vertical	27	1.49
2417MHz	Pass	AV	2.39G	48.97	54.00	-5.03	3	Horizontal	220	1.79
2417MHz	Pass	AV	2.4138G	114.13	Inf	-Inf	3	Horizontal	220	1.79
2417MHz	Pass	PK	2.39G	60.58	74.00	-13.42	3	Horizontal	220	1.79
2417MHz	Pass	PK	2.4132G	122.97	Inf	-Inf	3	Horizontal	220	1.79
2437MHz	Pass	AV	2.3898G	46.59	54.00	-7.41	3	Vertical	336	1.78
2437MHz	Pass	AV	2.4394G	115.18	Inf	-Inf	3	Vertical	336	1.78
2437MHz	Pass	AV	2.489G	47.50	54.00	-6.50	3	Vertical	336	1.78
2437MHz	Pass	PK	2.3414G	58.67	74.00	-15.33	3	Vertical	336	1.78
2437MHz	Pass	PK	2.4402G	124.09	Inf	-Inf	3	Vertical	336	1.78
2437MHz	Pass	PK	2.4858G	59.68	74.00	-14.32	3	Vertical	336	1.78
2437MHz	Pass	AV	2.3898G	46.34	54.00	-7.66	3	Horizontal	169	1.52
2437MHz	Pass	AV	2.4446G	113.97	Inf	-Inf	3	Horizontal	169	1.52
2437MHz	Pass	AV	2.485G	47.72	54.00	-6.28	3	Horizontal	169	1.52
2437MHz	Pass	PK	2.3442G	58.44	74.00	-15.56	3	Horizontal	169	1.52
2437MHz	Pass	PK	2.4442G	122.20	Inf	-Inf	3	Horizontal	169	1.52
2437MHz	Pass	PK	2.489G	59.69	74.00	-14.31	3	Horizontal	169	1.52
2437MHz	Pass	AV	4.86752G	34.12	54.00	-19.88	3	Vertical	48	2.00
2437MHz	Pass	AV	7.32114G	38.69	54.00	-15.31	3	Vertical	185	2.25
2437MHz	Pass	PK	4.88852G	46.82	74.00	-27.18	3	Vertical	48	2.00
2437MHz	Pass	PK	7.31754G	50.71	74.00	-23.29	3	Vertical	185	2.25
2437MHz	Pass	AV	4.88306G	34.45	54.00	-19.55	3	Horizontal	50	2.10
2437MHz	Pass	AV	7.31706G	39.34	54.00	-14.66	3	Horizontal	330	1.91
2437MHz	Pass	PK	4.8818G	48.07	74.00	-25.93	3	Horizontal	50	2.10
2437MHz	Pass	PK	7.31724G	51.48	74.00	-22.52	3	Horizontal	330	1.91
2457MHz	Pass	AV	2.4596G	115.50	Inf	-Inf	3	Vertical	341	1.66
2457MHz	Pass	AV	2.4835G	49.70	54.00	-4.30	3	Vertical	341	1.66
2457MHz	Pass	PK	2.46G	124.47	Inf	-Inf	3	Vertical	341	1.66
2457MHz	Pass	PK	2.4836G	61.50	74.00	-12.50	3	Vertical	341	1.66
2457MHz	Pass	AV	2.4522G	114.05	Inf	-Inf	3	Horizontal	217	1.50
2457MHz	Pass	AV	2.4835G	49.89	54.00	-4.11	3	Horizontal	217	1.50
2457MHz	Pass	PK	2.4516G	122.68	Inf	-Inf	3	Horizontal	217	1.50
2457MHz	Pass	PK	2.4836G	62.14	74.00	-11.86	3	Horizontal	217	1.50
2462MHz	Pass	AV	2.39G	46.22	54.00	-7.78	3	Vertical	345	1.26
2462MHz	Pass	AV	2.4648G	114.54	Inf	-Inf	3	Vertical	345	1.26
2462MHz	Pass	AV	2.4835G	53.97	54.00	-0.03	3	Vertical	345	1.26
2462MHz	Pass	PK	2.3888G	58.20	74.00	-15.80	3	Vertical	345	1.26
2462MHz	Pass	PK	2.4652G	123.29	Inf	-Inf	3	Vertical	345	1.26
2462MHz	Pass	PK	2.4852G	66.64	74.00	-7.36	3	Vertical	345	1.26
2462MHz	Pass	AV	2.3896G	45.96	54.00	-8.04	3	Horizontal	226	1.83
2462MHz	Pass	AV	2.4596G	112.77	Inf	-Inf	3	Horizontal	226	1.83
2462MHz	Pass	AV	2.4835G	48.75	54.00	-5.25	3	Horizontal	226	1.83
2462MHz	Pass	PK	2.3696G	57.84	74.00	-16.16	3	Horizontal	226	1.83
2462MHz	Pass	PK	2.4596G	121.01	Inf	-Inf	3	Horizontal	226	1.83
2462MHz	Pass	PK	2.4868G	59.92	74.00	-14.08	3	Horizontal	226	1.83
2462MHz	Pass	AV	4.92412G	34.10	54.00	-19.90	3	Vertical	360	1.75
2462MHz	Pass	AV	7.37874G	38.78	54.00	-15.22	3	Vertical	125	2.47
2462MHz	Pass	PK	4.92694G	46.78	74.00	-27.22	3	Vertical	360	1.75
2462MHz	Pass	PK	7.37964G	51.66	74.00	-22.34	3	Vertical	125	2.47
2462MHz	Pass	AV	4.91338G	34.39	54.00	-19.61	3	Horizontal	77	1.91
2462MHz	Pass	AV	7.38756G	39.65	54.00	-14.35	3	Horizontal	59	2.02
2462MHz	Pass	PK	4.91218G	47.24	74.00	-26.76	3	Horizontal	77	1.91
2462MHz	Pass	PK	7.38696G	52.27	74.00	-21.73	3	Horizontal	59	2.02
802.11be EHT20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.61	54.00	-1.39	3	Vertical	27	1.47
2412MHz	Pass	AV	2.42G	113.99	Inf	-Inf	3	Vertical	27	1.47
2412MHz	Pass	AV	2.4888G	47.12	54.00	-6.88	3	Vertical	27	1.47
2412MHz	Pass	PK	2.39G	66.91	74.00	-7.09	3	Vertical	27	1.47



RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	2.4208G	126.44	Inf	-Inf	3	Vertical	27	1.47
2412MHz	Pass	PK	2.4908G	59.12	74.00	-14.88	3	Vertical	27	1.47
2412MHz	Pass	AV	2.39G	51.57	54.00	-2.43	3	Horizontal	167	1.42
2412MHz	Pass	AV	2.4208G	114.08	Inf	-Inf	3	Horizontal	167	1.42
2412MHz	Pass	AV	2.4888G	47.12	54.00	-6.88	3	Horizontal	167	1.42
2412MHz	Pass	PK	2.39G	63.33	74.00	-10.67	3	Horizontal	167	1.42
2412MHz	Pass	PK	2.4212G	125.18	Inf	-Inf	3	Horizontal	167	1.42
2412MHz	Pass	PK	2.4948G	59.24	74.00	-14.76	3	Horizontal	167	1.42
2412MHz	Pass	AV	4.81932G	37.68	54.00	-16.32	3	Vertical	49	1.64
2412MHz	Pass	PK	4.82052G	50.35	74.00	-23.65	3	Vertical	49	1.64
2412MHz	Pass	AV	4.8123G	37.93	54.00	-16.07	3	Horizontal	69	2.04
2412MHz	Pass	PK	4.81284G	52.04	74.00	-21.96	3	Horizontal	69	2.04
2417MHz	Pass	AV	2.3898G	50.23	54.00	-3.77	3	Vertical	27	1.49
2417MHz	Pass	AV	2.4246G	115.32	Inf	-Inf	3	Vertical	27	1.49
2417MHz	Pass	AV	2.4866G	47.37	54.00	-6.63	3	Vertical	27	1.49
2417MHz	Pass	PK	2.3898G	64.05	74.00	-9.95	3	Vertical	27	1.49
2417MHz	Pass	PK	2.4246G	126.67	Inf	-Inf	3	Vertical	27	1.49
2417MHz	Pass	PK	2.4878G	59.50	74.00	-14.50	3	Vertical	27	1.49
2417MHz	Pass	AV	2.3898G	47.18	54.00	-6.82	3	Horizontal	166	1.43
2417MHz	Pass	AV	2.4258G	115.10	Inf	-Inf	3	Horizontal	166	1.43
2417MHz	Pass	AV	2.4886G	47.12	54.00	-6.88	3	Horizontal	166	1.43
2417MHz	Pass	PK	2.3898G	59.19	74.00	-14.81	3	Horizontal	166	1.43
2417MHz	Pass	PK	2.4258G	127.01	Inf	-Inf	3	Horizontal	166	1.43
2417MHz	Pass	PK	2.4862G	59.30	74.00	-14.70	3	Horizontal	166	1.43
2437MHz	Pass	AV	2.3898G	46.22	54.00	-7.78	3	Vertical	28	1.62
2437MHz	Pass	AV	2.445G	115.57	Inf	-Inf	3	Vertical	28	1.62
2437MHz	Pass	AV	2.4866G	47.62	54.00	-6.38	3	Vertical	28	1.62
2437MHz	Pass	PK	2.3762G	58.05	74.00	-15.95	3	Vertical	28	1.62
2437MHz	Pass	PK	2.4458G	126.91	Inf	-Inf	3	Vertical	28	1.62
2437MHz	Pass	PK	2.4934G	59.25	74.00	-14.75	3	Vertical	28	1.62
2437MHz	Pass	AV	2.3898G	46.22	54.00	-7.78	3	Horizontal	167	1.54
2437MHz	Pass	AV	2.4458G	115.12	Inf	-Inf	3	Horizontal	167	1.54
2437MHz	Pass	AV	2.4835G	47.83	54.00	-6.17	3	Horizontal	167	1.54
2437MHz	Pass	PK	2.3538G	58.19	74.00	-15.81	3	Horizontal	167	1.54
2437MHz	Pass	PK	2.4458G	126.80	Inf	-Inf	3	Horizontal	167	1.54
2437MHz	Pass	PK	2.4946G	59.56	74.00	-14.44	3	Horizontal	167	1.54
2437MHz	Pass	AV	4.87796G	33.17	54.00	-20.83	3	Vertical	53	1.59
2437MHz	Pass	AV	7.29978G	37.87	54.00	-16.13	3	Vertical	313	1.00
2437MHz	Pass	PK	4.87748G	45.30	74.00	-28.70	3	Vertical	53	1.59
2437MHz	Pass	PK	7.31766G	50.90	74.00	-23.10	3	Vertical	313	1.00
2437MHz	Pass	AV	4.86848G	34.18	54.00	-19.82	3	Horizontal	11	1.64
2437MHz	Pass	AV	7.30488G	39.22	54.00	-14.78	3	Horizontal	51	1.62
2437MHz	Pass	PK	4.87094G	46.60	74.00	-27.40	3	Horizontal	11	1.64
2437MHz	Pass	PK	7.32534G	51.81	74.00	-22.19	3	Horizontal	51	1.62
2457MHz	Pass	AV	2.3898G	46.47	54.00	-7.53	3	Vertical	345	1.54
2457MHz	Pass	AV	2.4598G	114.44	Inf	-Inf	3	Vertical	345	1.54
2457MHz	Pass	AV	2.4835G	52.41	54.00	-1.59	3	Vertical	345	1.54
2457MHz	Pass	PK	2.3618G	57.90	74.00	-16.10	3	Vertical	345	1.54
2457MHz	Pass	PK	2.4602G	126.51	Inf	-Inf	3	Vertical	345	1.54
2457MHz	Pass	PK	2.4835G	67.09	74.00	-6.91	3	Vertical	345	1.54
2457MHz	Pass	AV	2.3766G	46.10	54.00	-7.90	3	Horizontal	168	1.61
2457MHz	Pass	AV	2.4478G	114.10	Inf	-Inf	3	Horizontal	168	1.61
2457MHz	Pass	AV	2.4842G	52.83	54.00	-1.17	3	Horizontal	168	1.61
2457MHz	Pass	PK	2.369G	59.25	74.00	-14.75	3	Horizontal	168	1.61
2457MHz	Pass	PK	2.4486G	124.87	Inf	-Inf	3	Horizontal	168	1.61
2457MHz	Pass	PK	2.4838G	67.14	74.00	-6.86	3	Horizontal	168	1.61
2462MHz	Pass	AV	2.3896G	45.96	54.00	-8.04	3	Vertical	343	1.26
2462MHz	Pass	AV	2.4644G	113.07	Inf	-Inf	3	Vertical	343	1.26
2462MHz	Pass	AV	2.4835G	50.15	54.00	-3.85	3	Vertical	343	1.26
2462MHz	Pass	PK	2.388G	58.06	74.00	-15.94	3	Vertical	343	1.26
2462MHz	Pass	PK	2.4652G	124.49	Inf	-Inf	3	Vertical	343	1.26
2462MHz	Pass	PK	2.4844G	62.69	74.00	-11.31	3	Vertical	343	1.26

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	AV	2.39G	46.22	54.00	-7.78	3	Horizontal	169	1.77
2462MHz	Pass	AV	2.4528G	112.47	Inf	-Inf	3	Horizontal	169	1.77
2462MHz	Pass	AV	2.4835G	48.53	54.00	-5.47	3	Horizontal	169	1.77
2462MHz	Pass	PK	2.3696G	58.78	74.00	-15.22	3	Horizontal	169	1.77
2462MHz	Pass	PK	2.4528G	123.54	Inf	-Inf	3	Horizontal	169	1.77
2462MHz	Pass	PK	2.4856G	60.04	74.00	-13.96	3	Horizontal	169	1.77
2462MHz	Pass	AV	4.92634G	32.76	54.00	-21.24	3	Vertical	182	1.50
2462MHz	Pass	AV	7.3788G	36.84	54.00	-17.16	3	Vertical	331	1.50
2462MHz	Pass	PK	4.92784G	45.23	74.00	-28.77	3	Vertical	182	1.50
2462MHz	Pass	PK	7.37346G	50.29	74.00	-23.71	3	Vertical	331	1.50
2462MHz	Pass	AV	4.91254G	33.08	54.00	-20.92	3	Horizontal	78	2.06
2462MHz	Pass	AV	7.37952G	37.14	54.00	-16.86	3	Horizontal	327	2.74
2462MHz	Pass	PK	4.91422G	45.78	74.00	-28.22	3	Horizontal	78	2.06
2462MHz	Pass	PK	7.38018G	50.08	74.00	-23.92	3	Horizontal	327	2.74
802.11be EHT40_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	46.47	54.00	-7.53	3	Vertical	23	1.19
2422MHz	Pass	AV	2.4292G	108.48	Inf	-Inf	3	Vertical	23	1.19
2422MHz	Pass	AV	2.4868G	47.36	54.00	-6.64	3	Vertical	23	1.19
2422MHz	Pass	PK	2.3228G	58.36	74.00	-15.64	3	Vertical	23	1.19
2422MHz	Pass	PK	2.4288G	119.65	Inf	-Inf	3	Vertical	23	1.19
2422MHz	Pass	PK	2.4964G	59.68	74.00	-14.32	3	Vertical	23	1.19
2422MHz	Pass	AV	2.39G	46.47	54.00	-7.53	3	Horizontal	168	1.31
2422MHz	Pass	AV	2.4308G	108.58	Inf	-Inf	3	Horizontal	168	1.31
2422MHz	Pass	AV	2.4888G	47.12	54.00	-6.88	3	Horizontal	168	1.31
2422MHz	Pass	PK	2.3624G	58.60	74.00	-15.40	3	Horizontal	168	1.31
2422MHz	Pass	PK	2.4312G	120.37	Inf	-Inf	3	Horizontal	168	1.31
2422MHz	Pass	PK	2.4896G	59.94	74.00	-14.06	3	Horizontal	168	1.31
2422MHz	Pass	AV	4.81832G	32.46	54.00	-21.54	3	Vertical	39	1.50
2422MHz	Pass	AV	7.28556G	37.33	54.00	-16.67	3	Vertical	86	1.50
2422MHz	Pass	PK	4.87328G	44.60	74.00	-29.40	3	Vertical	39	1.50
2422MHz	Pass	PK	7.26108G	50.02	74.00	-23.98	3	Vertical	86	1.50
2422MHz	Pass	AV	4.83116G	32.82	54.00	-21.18	3	Horizontal	16	1.10
2422MHz	Pass	AV	7.28268G	37.33	54.00	-16.67	3	Horizontal	223	2.11
2422MHz	Pass	PK	4.81868G	46.20	74.00	-27.80	3	Horizontal	16	1.10
2422MHz	Pass	PK	7.28364G	50.44	74.00	-23.56	3	Horizontal	223	2.11
2427MHz	Pass	AV	2.3898G	46.22	54.00	-7.78	3	Vertical	27	1.41
2427MHz	Pass	AV	2.435G	108.13	Inf	-Inf	3	Vertical	27	1.41
2427MHz	Pass	AV	2.4838G	47.34	54.00	-6.66	3	Vertical	27	1.41
2427MHz	Pass	PK	2.3898G	58.78	74.00	-15.22	3	Vertical	27	1.41
2427MHz	Pass	PK	2.4342G	120.19	Inf	-Inf	3	Vertical	27	1.41
2427MHz	Pass	PK	2.4982G	58.91	74.00	-15.09	3	Vertical	27	1.41
2427MHz	Pass	AV	2.3898G	46.22	54.00	-7.78	3	Horizontal	166	1.41
2427MHz	Pass	AV	2.4154G	107.77	Inf	-Inf	3	Horizontal	166	1.41
2427MHz	Pass	AV	2.4846G	47.34	54.00	-6.66	3	Horizontal	166	1.41
2427MHz	Pass	PK	2.3866G	58.89	74.00	-15.11	3	Horizontal	166	1.41
2427MHz	Pass	PK	2.4154G	119.41	Inf	-Inf	3	Horizontal	166	1.41
2427MHz	Pass	PK	2.4835G	59.96	74.00	-14.04	3	Horizontal	166	1.41
2437MHz	Pass	AV	2.3898G	46.71	54.00	-7.29	3	Vertical	26	1.60
2437MHz	Pass	AV	2.445G	111.45	Inf	-Inf	3	Vertical	26	1.60
2437MHz	Pass	AV	2.4838G	51.97	54.00	-2.03	3	Vertical	26	1.60
2437MHz	Pass	PK	2.3598G	58.10	74.00	-15.90	3	Vertical	26	1.60
2437MHz	Pass	PK	2.445G	122.85	Inf	-Inf	3	Vertical	26	1.60
2437MHz	Pass	PK	2.4842G	64.97	74.00	-9.03	3	Vertical	26	1.60
2437MHz	Pass	AV	2.3898G	46.71	54.00	-7.29	3	Horizontal	165	1.73
2437MHz	Pass	AV	2.4262G	110.94	Inf	-Inf	3	Horizontal	165	1.73
2437MHz	Pass	AV	2.4846G	50.87	54.00	-3.13	3	Horizontal	165	1.73
2437MHz	Pass	PK	2.3898G	59.47	74.00	-14.53	3	Horizontal	165	1.73
2437MHz	Pass	PK	2.4254G	122.60	Inf	-Inf	3	Horizontal	165	1.73
2437MHz	Pass	PK	2.4846G	65.17	74.00	-8.83	3	Horizontal	165	1.73
2437MHz	Pass	AV	4.87376G	32.55	54.00	-21.45	3	Vertical	210	1.50
2437MHz	Pass	AV	7.3102G	37.38	54.00	-16.62	3	Vertical	120	1.50
2437MHz	Pass	PK	4.85804G	45.36	74.00	-28.64	3	Vertical	210	1.50



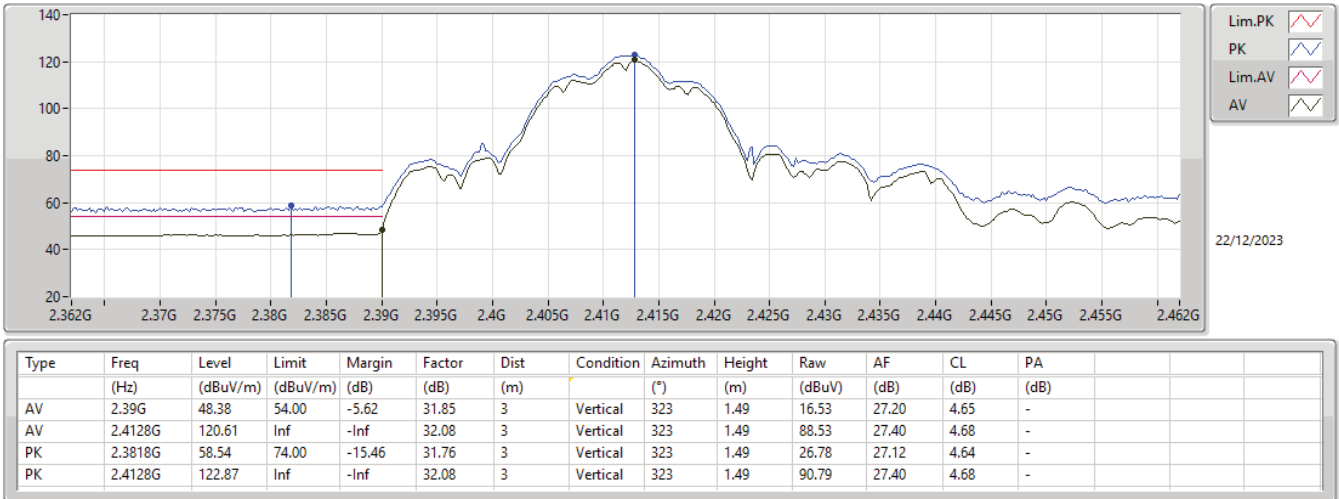
RSE TX above 1GHz_Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	7.3154G	50.29	74.00	-23.71	3	Vertical	120	1.50
2437MHz	Pass	AV	4.87136G	32.91	54.00	-21.09	3	Horizontal	0	2.14
2437MHz	Pass	AV	7.28412G	37.47	54.00	-16.53	3	Horizontal	43	2.19
2437MHz	Pass	PK	4.88288G	44.60	74.00	-29.40	3	Horizontal	0	2.14
2437MHz	Pass	PK	7.28472G	50.48	74.00	-23.52	3	Horizontal	43	2.19
2447MHz	Pass	AV	2.3898G	46.95	54.00	-7.05	3	Vertical	329	1.60
2447MHz	Pass	AV	2.429G	110.30	Inf	-Inf	3	Vertical	329	1.60
2447MHz	Pass	AV	2.4866G	52.58	54.00	-1.42	3	Vertical	329	1.60
2447MHz	Pass	PK	2.3898G	58.10	74.00	-15.90	3	Vertical	329	1.60
2447MHz	Pass	PK	2.4302G	121.97	Inf	-Inf	3	Vertical	329	1.60
2447MHz	Pass	PK	2.4874G	65.87	74.00	-8.13	3	Vertical	329	1.60
2447MHz	Pass	AV	2.3898G	45.28	54.00	-8.72	3	Horizontal	159	2.18
2447MHz	Pass	AV	2.4366G	102.42	Inf	-Inf	3	Horizontal	159	2.18
2447MHz	Pass	AV	2.485G	49.10	54.00	-4.90	3	Horizontal	159	2.18
2447MHz	Pass	PK	2.3714G	57.62	74.00	-16.38	3	Horizontal	159	2.18
2447MHz	Pass	PK	2.4366G	113.91	Inf	-Inf	3	Horizontal	159	2.18
2447MHz	Pass	PK	2.4846G	61.67	74.00	-12.33	3	Horizontal	159	2.18
2452MHz	Pass	AV	2.39G	46.71	54.00	-7.29	3	Vertical	25	1.44
2452MHz	Pass	AV	2.4392G	111.62	Inf	-Inf	3	Vertical	25	1.44
2452MHz	Pass	AV	2.4835G	49.17	54.00	-4.83	3	Vertical	25	1.44
2452MHz	Pass	PK	2.372G	58.47	74.00	-15.53	3	Vertical	25	1.44
2452MHz	Pass	PK	2.4396G	122.63	Inf	-Inf	3	Vertical	25	1.44
2452MHz	Pass	PK	2.4848G	61.34	74.00	-12.66	3	Vertical	25	1.44
2452MHz	Pass	AV	2.39G	46.71	54.00	-7.29	3	Horizontal	168	1.57
2452MHz	Pass	AV	2.442G	111.17	Inf	-Inf	3	Horizontal	168	1.57
2452MHz	Pass	AV	2.4835G	50.86	54.00	-3.14	3	Horizontal	168	1.57
2452MHz	Pass	PK	2.3876G	59.87	74.00	-14.13	3	Horizontal	168	1.57
2452MHz	Pass	PK	2.442G	122.99	Inf	-Inf	3	Horizontal	168	1.57
2452MHz	Pass	PK	2.4835G	62.65	74.00	-11.35	3	Horizontal	168	1.57
2452MHz	Pass	AV	4.90808G	32.67	54.00	-21.33	3	Vertical	81	2.29
2452MHz	Pass	AV	7.33944G	37.10	54.00	-16.90	3	Vertical	112	2.50
2452MHz	Pass	PK	4.92548G	45.20	74.00	-28.80	3	Vertical	81	2.29
2452MHz	Pass	PK	7.36152G	49.96	74.00	-24.04	3	Vertical	112	2.50
2452MHz	Pass	AV	4.91132G	33.37	54.00	-20.63	3	Horizontal	58	2.00
2452MHz	Pass	AV	7.34184G	37.25	54.00	-16.75	3	Horizontal	325	2.24
2452MHz	Pass	PK	4.93172G	46.05	74.00	-27.95	3	Horizontal	58	2.00
2452MHz	Pass	PK	7.35204G	50.44	74.00	-23.56	3	Horizontal	325	2.24

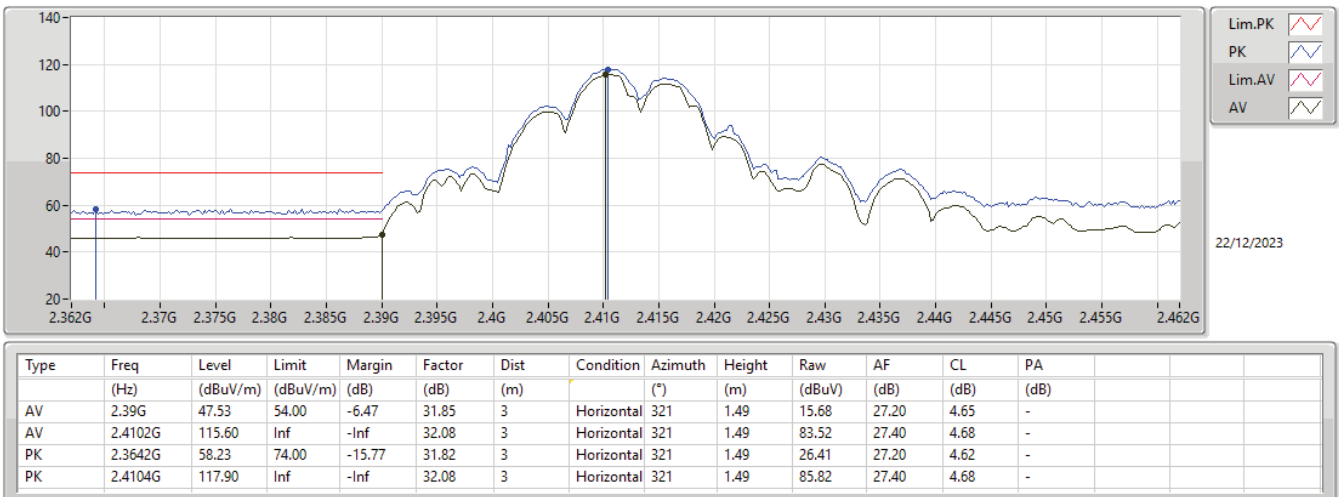
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2412MHz_TX



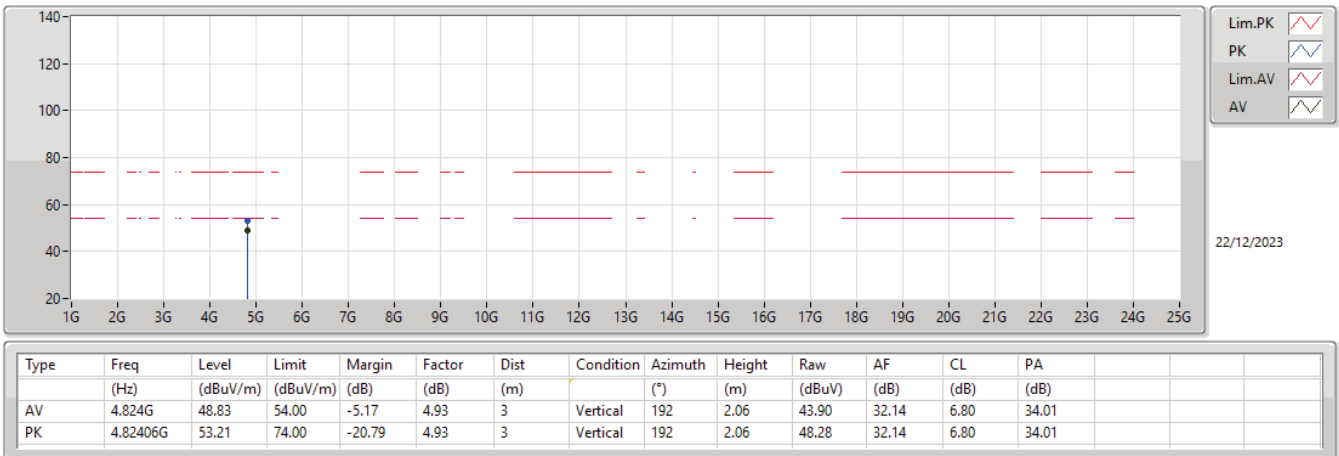
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2412MHz_TX



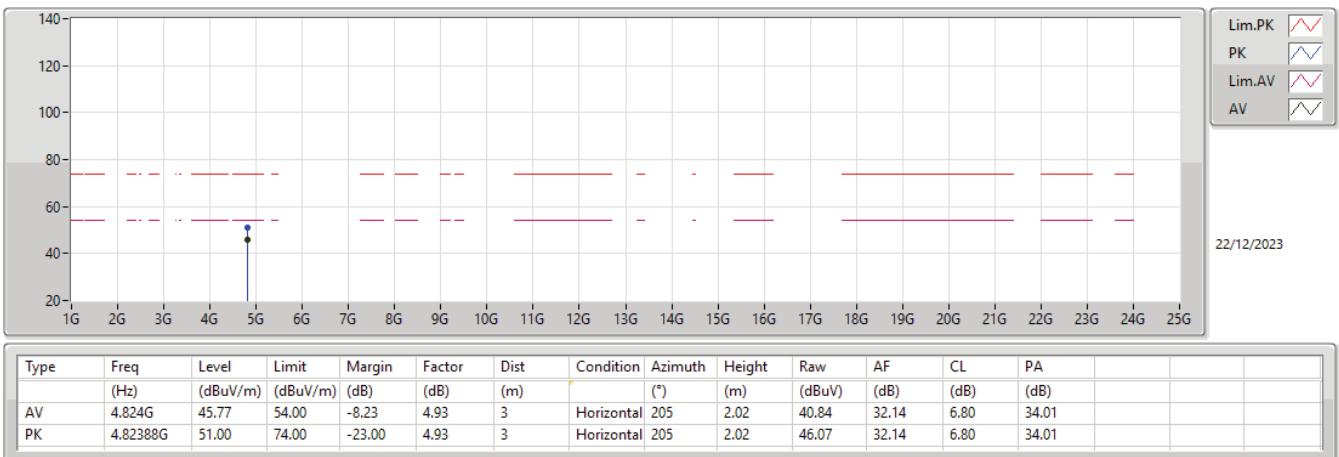
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2412MHz_TX



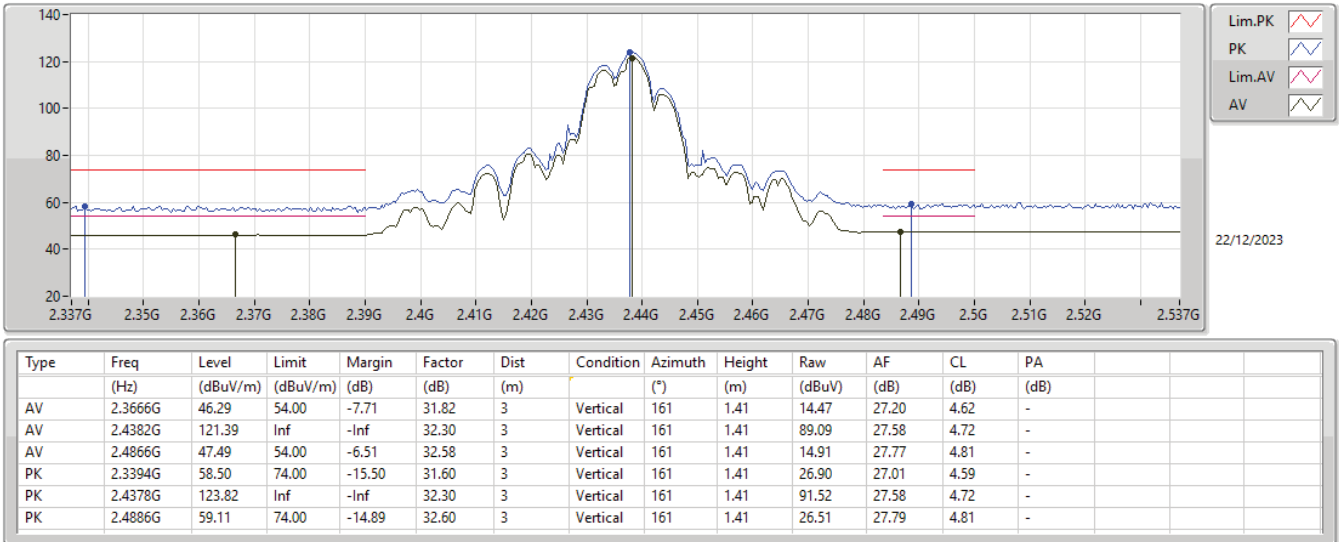
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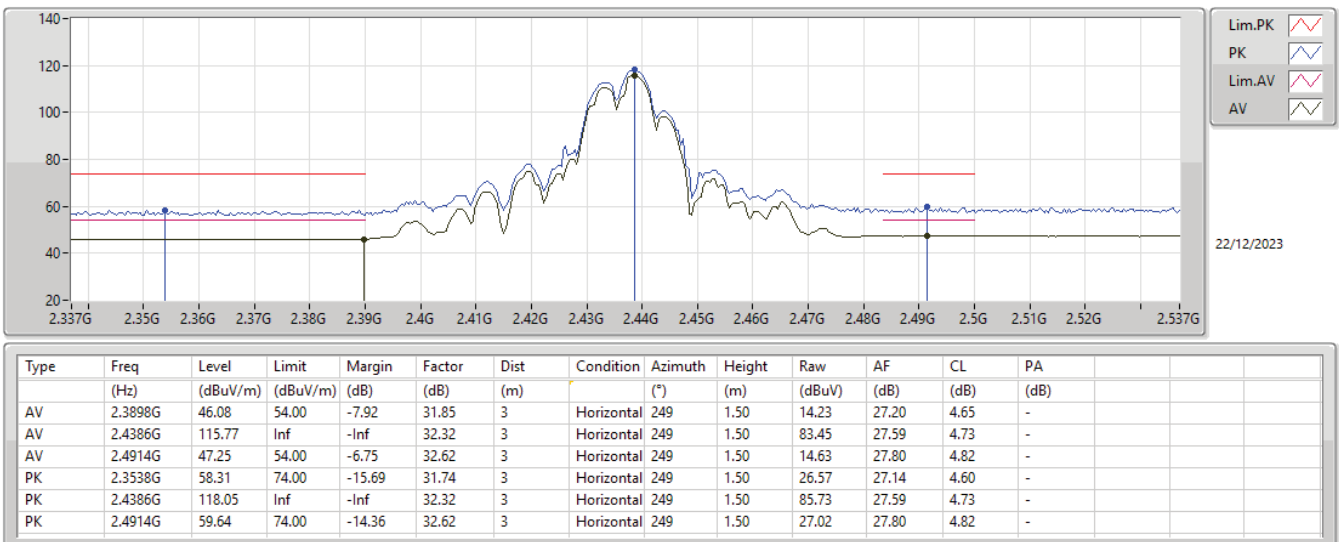
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX



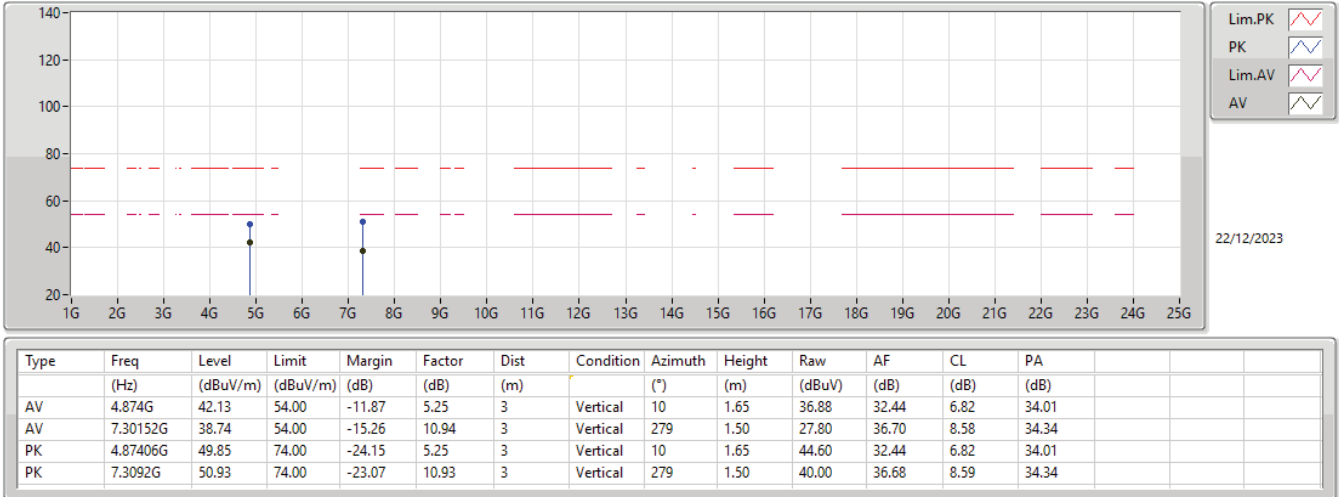
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2437MHz_TX



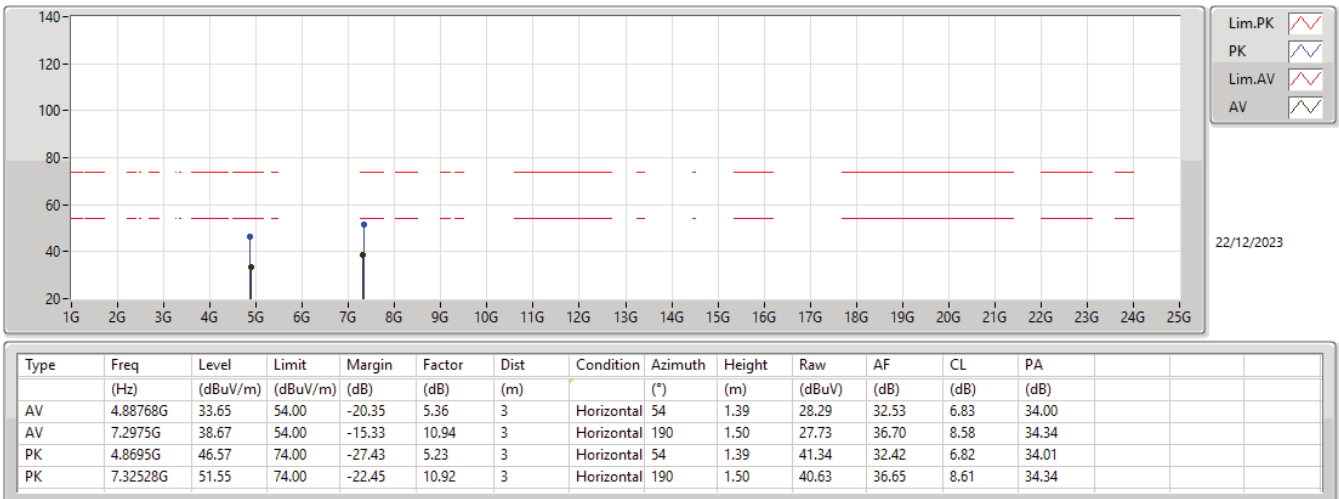
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2437MHz_TX



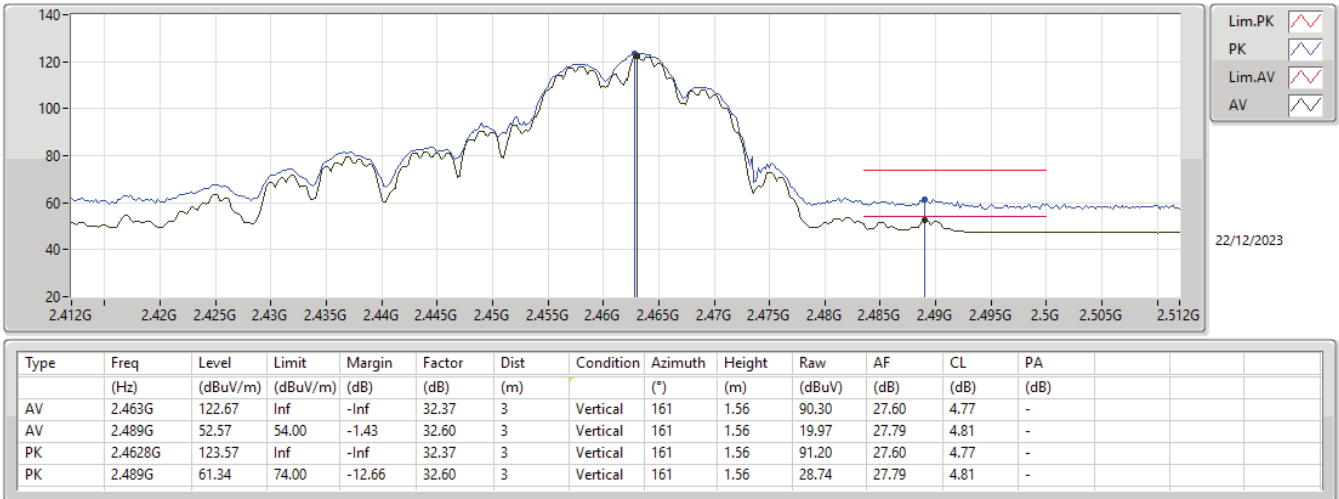
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX



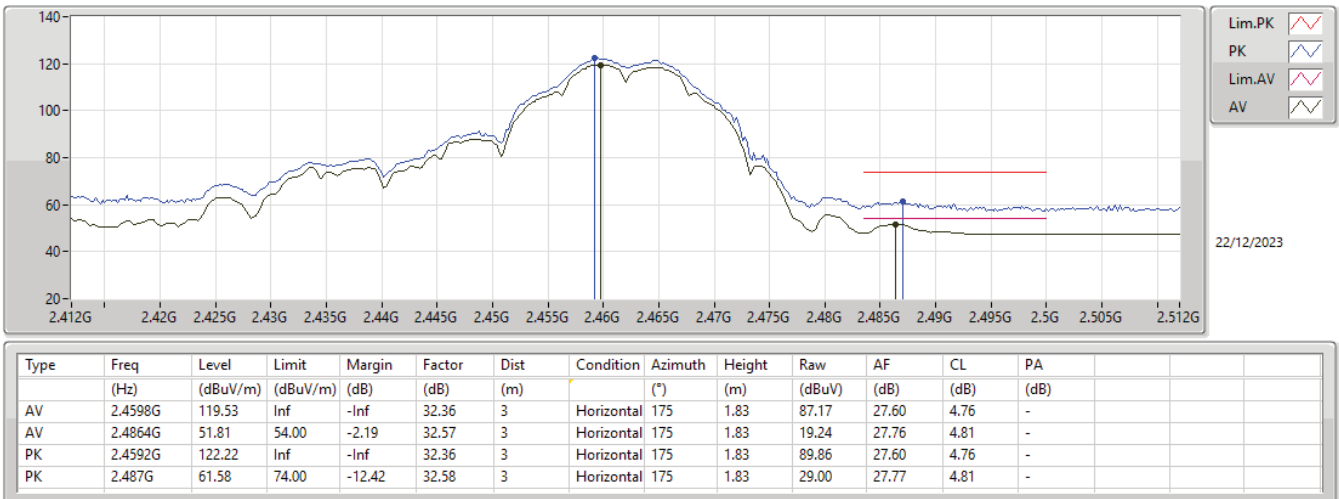
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX



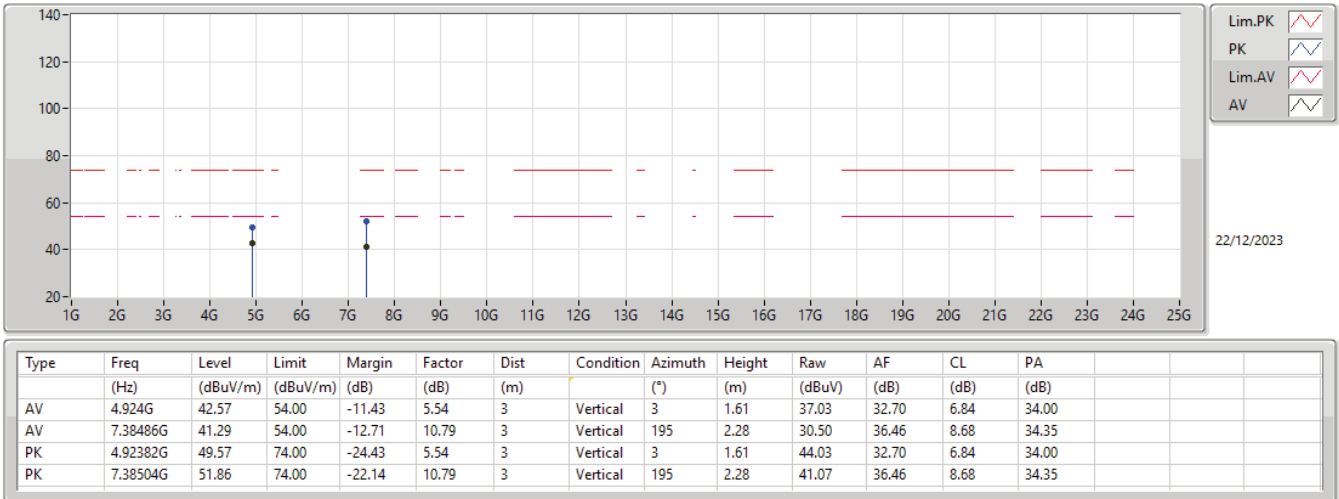
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2462MHz_TX



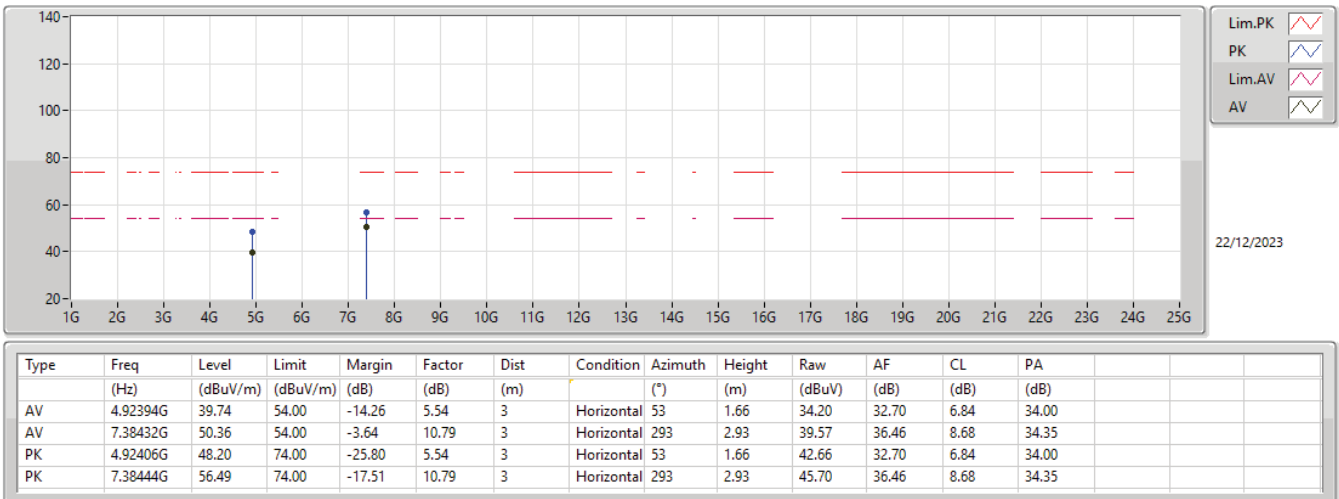
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2462MHz_TX



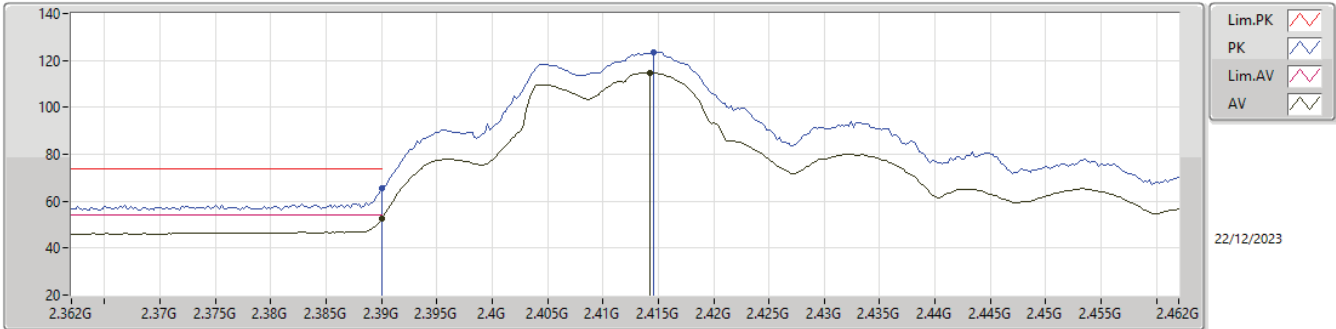
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX



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

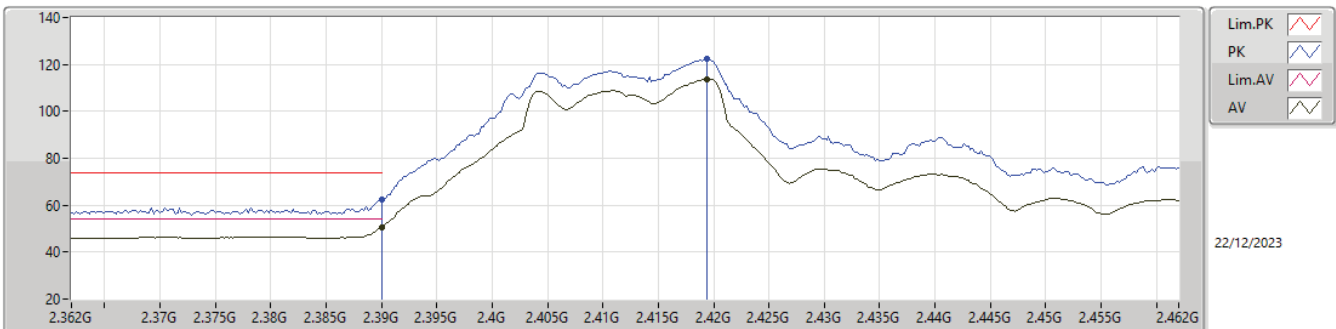
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.36	54.00	-1.64	31.85	3	Vertical	340	1.38	20.51	27.20	4.65	-
AV	2.4142G	114.70	Inf	-Inf	32.08	3	Vertical	340	1.38	82.62	27.40	4.68	-
PK	2.39G	65.67	74.00	-8.33	31.85	3	Vertical	340	1.38	33.82	27.20	4.65	-
PK	2.4146G	123.37	Inf	-Inf	32.08	3	Vertical	340	1.38	91.29	27.40	4.68	-

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

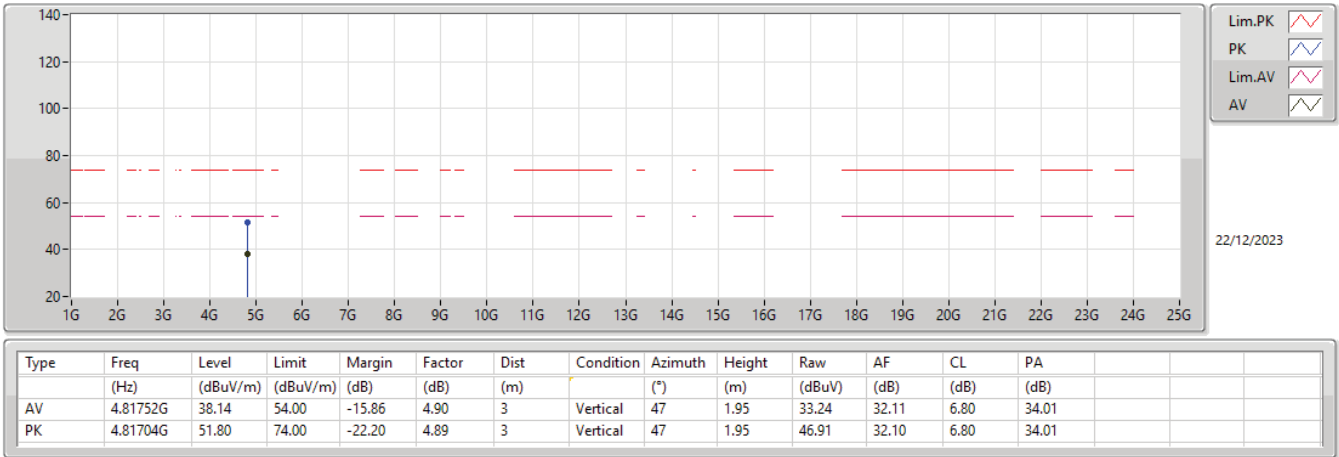
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.52	54.00	-3.48	31.85	3	Horizontal	161	1.84	18.67	27.20	4.65	-
AV	2.4194G	113.66	Inf	-Inf	32.09	3	Horizontal	161	1.84	81.57	27.40	4.69	-
PK	2.39G	62.48	74.00	-11.52	31.85	3	Horizontal	161	1.84	30.63	27.20	4.65	-
PK	2.4194G	122.26	Inf	-Inf	32.09	3	Horizontal	161	1.84	90.17	27.40	4.69	-

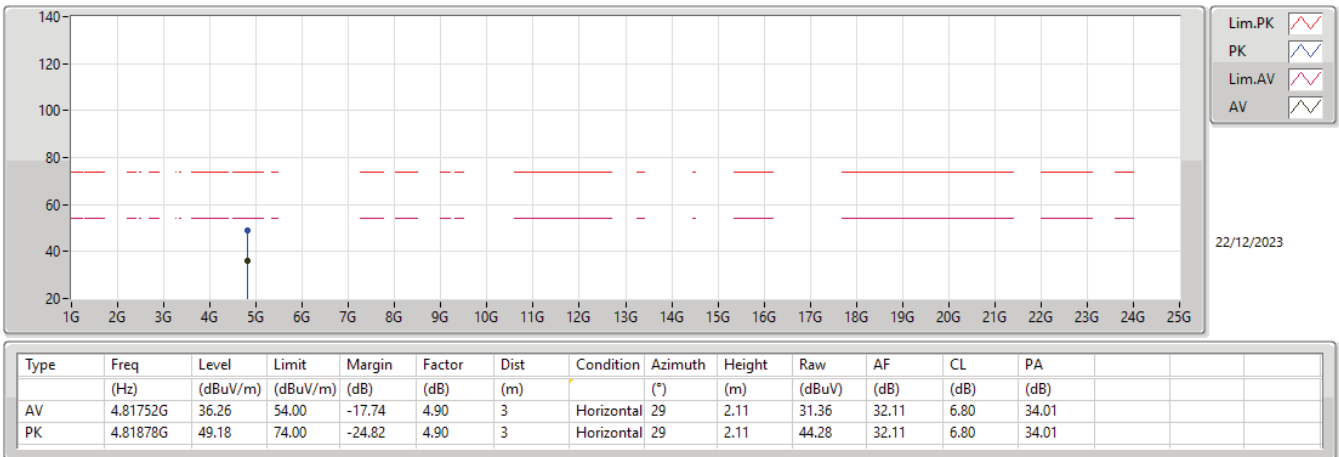
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX



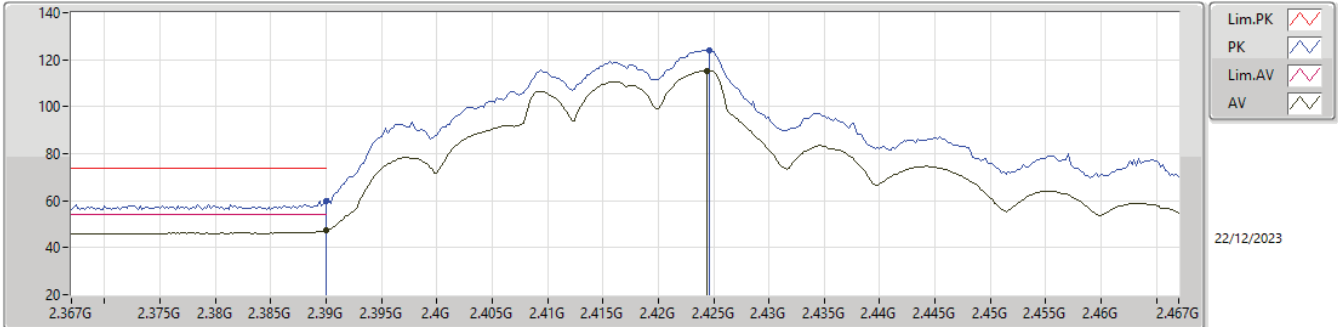
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX



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

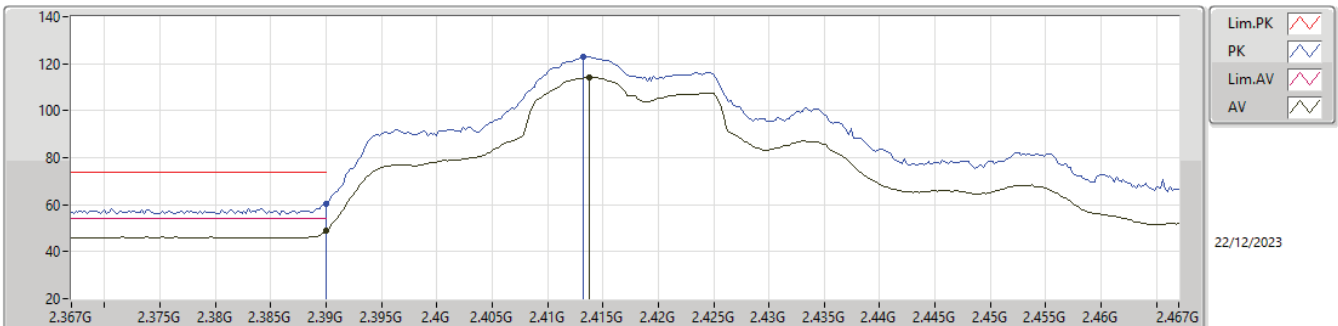
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.31	54.00	-6.69	31.85	3	Vertical	27	1.49	15.46	27.20	4.65	-
AV	2.4244G	115.42	Inf	-Inf	32.14	3	Vertical	27	1.49	83.28	27.44	4.70	-
PK	2.39G	59.70	74.00	-14.30	31.85	3	Vertical	27	1.49	27.85	27.20	4.65	-
PK	2.4246G	124.14	Inf	-Inf	32.15	3	Vertical	27	1.49	91.99	27.45	4.70	-

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

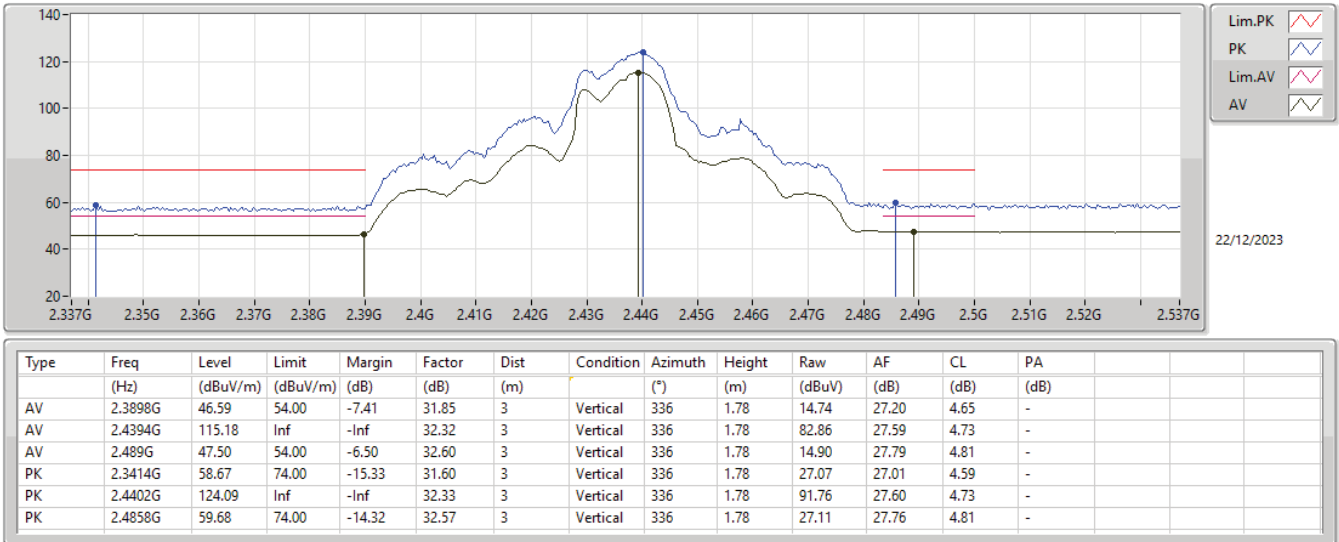
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.97	54.00	-5.03	31.85	3	Horizontal	220	1.79	17.12	27.20	4.65	-
AV	2.4138G	114.13	Inf	-Inf	32.08	3	Horizontal	220	1.79	82.05	27.40	4.68	-
PK	2.39G	60.58	74.00	-13.42	31.85	3	Horizontal	220	1.79	28.73	27.20	4.65	-
PK	2.4132G	122.97	Inf	-Inf	32.08	3	Horizontal	220	1.79	90.89	27.40	4.68	-

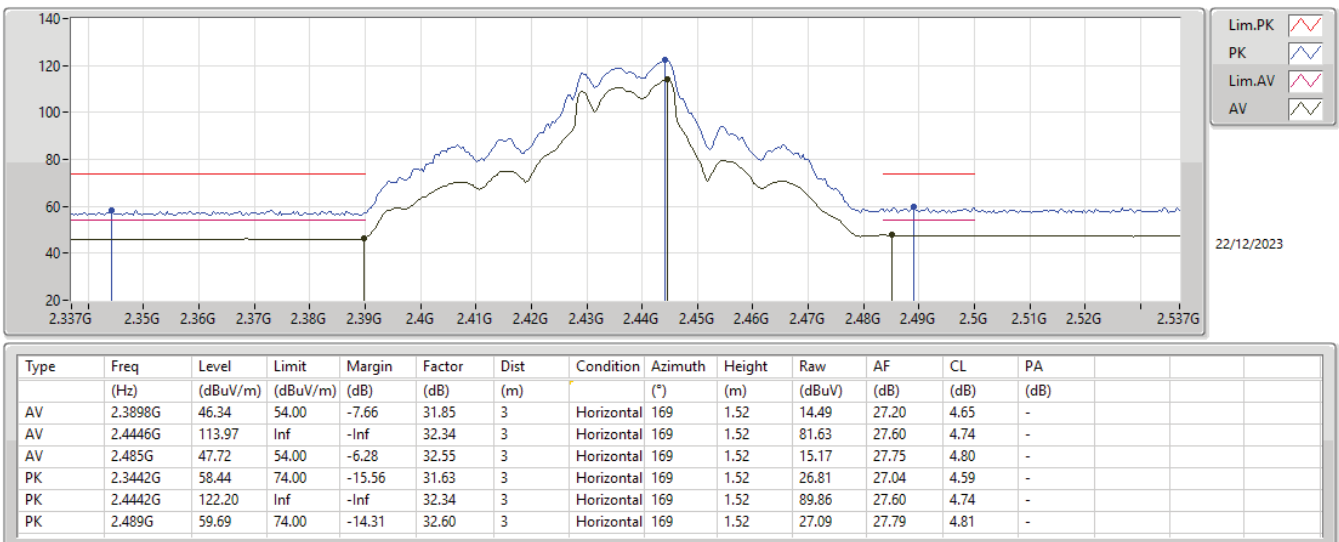
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX



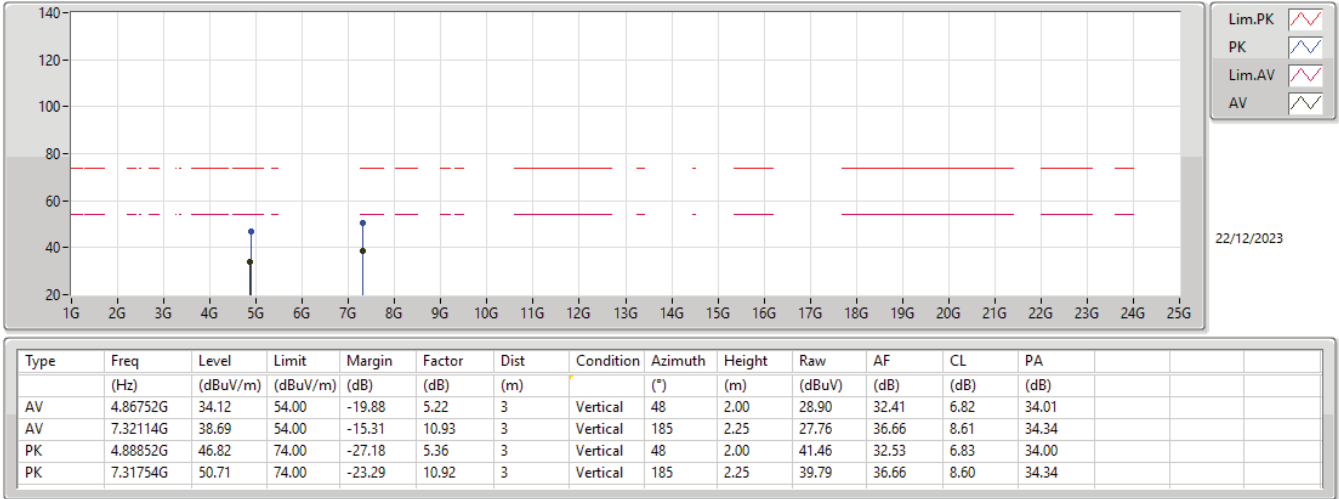
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX



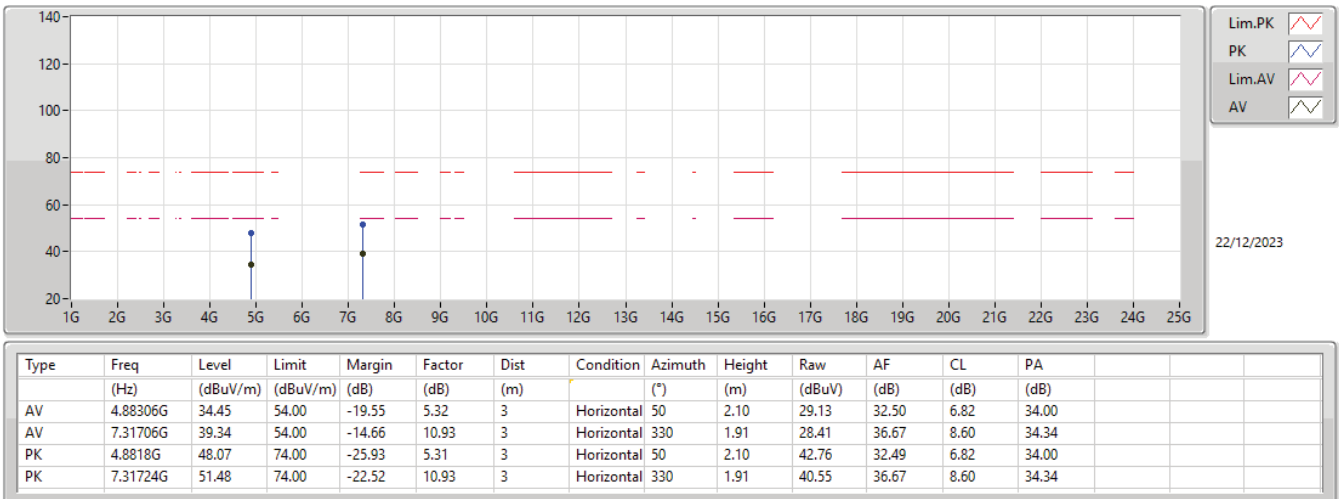
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2437MHz_TX



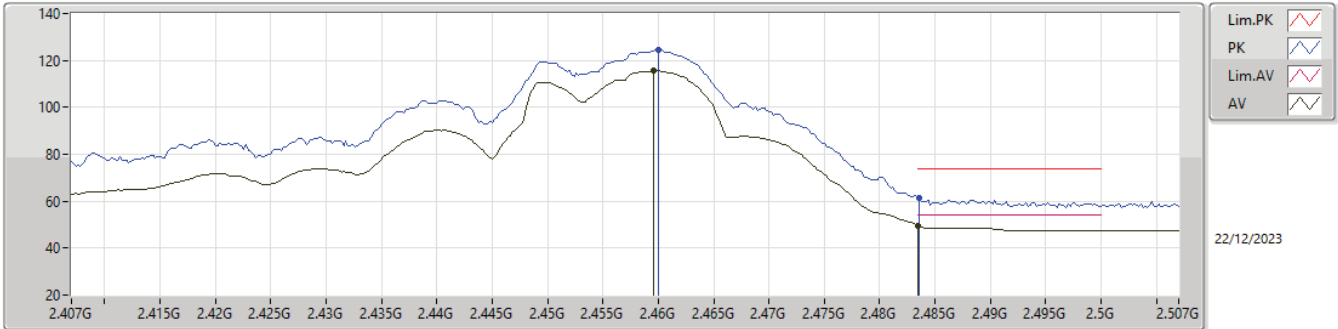
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX



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

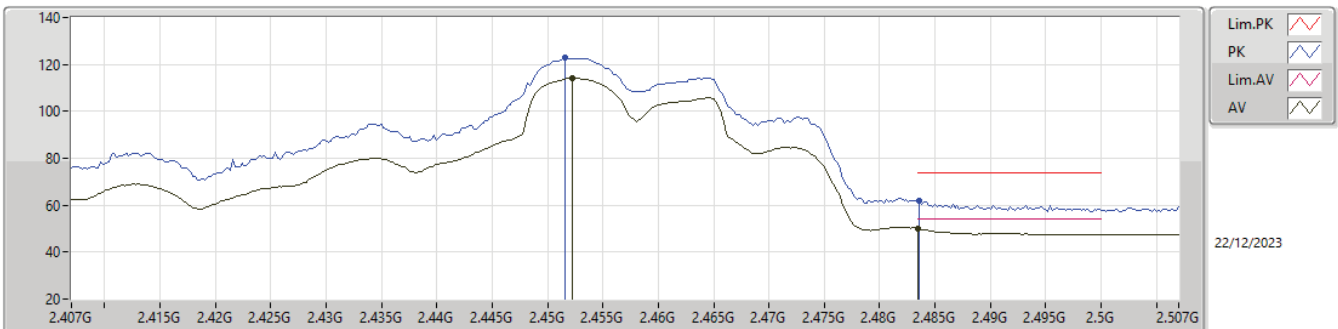
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	115.50	Inf	-Inf	32.36	3	Vertical	341	1.66	83.14	27.60	4.76	-
AV	2.4835G	49.70	54.00	-4.30	32.53	3	Vertical	341	1.66	17.17	27.73	4.80	-
PK	2.46G	124.47	Inf	-Inf	32.36	3	Vertical	341	1.66	92.11	27.60	4.76	-
PK	2.4836G	61.50	74.00	-12.50	32.54	3	Vertical	341	1.66	28.96	27.74	4.80	-

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

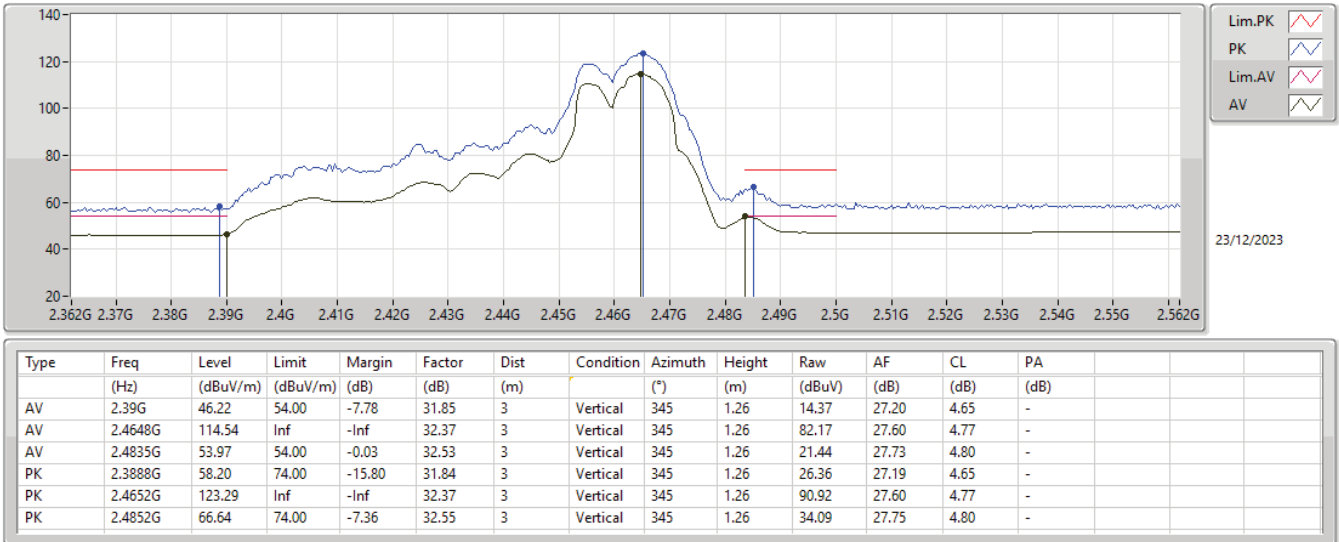
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4522G	114.05	Inf	-Inf	32.35	3	Horizontal	217	1.50	81.70	27.60	4.75	-
AV	2.4835G	49.89	54.00	-4.11	32.53	3	Horizontal	217	1.50	17.36	27.73	4.80	-
PK	2.4516G	122.68	Inf	-Inf	32.35	3	Horizontal	217	1.50	90.33	27.60	4.75	-
PK	2.4836G	62.14	74.00	-11.86	32.54	3	Horizontal	217	1.50	29.60	27.74	4.80	-

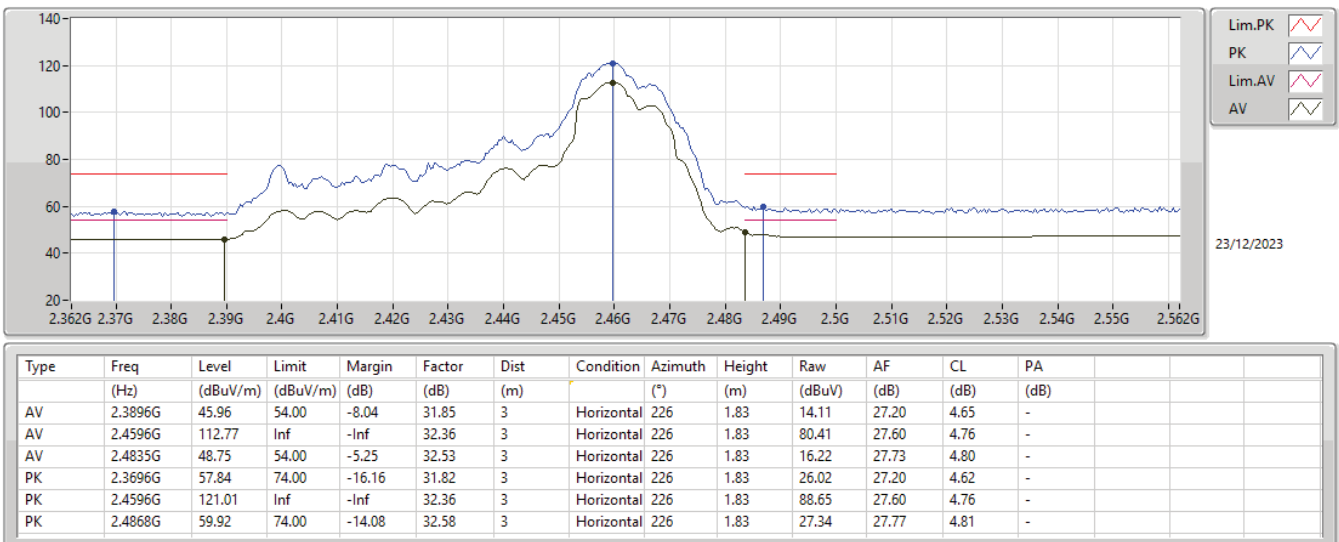
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



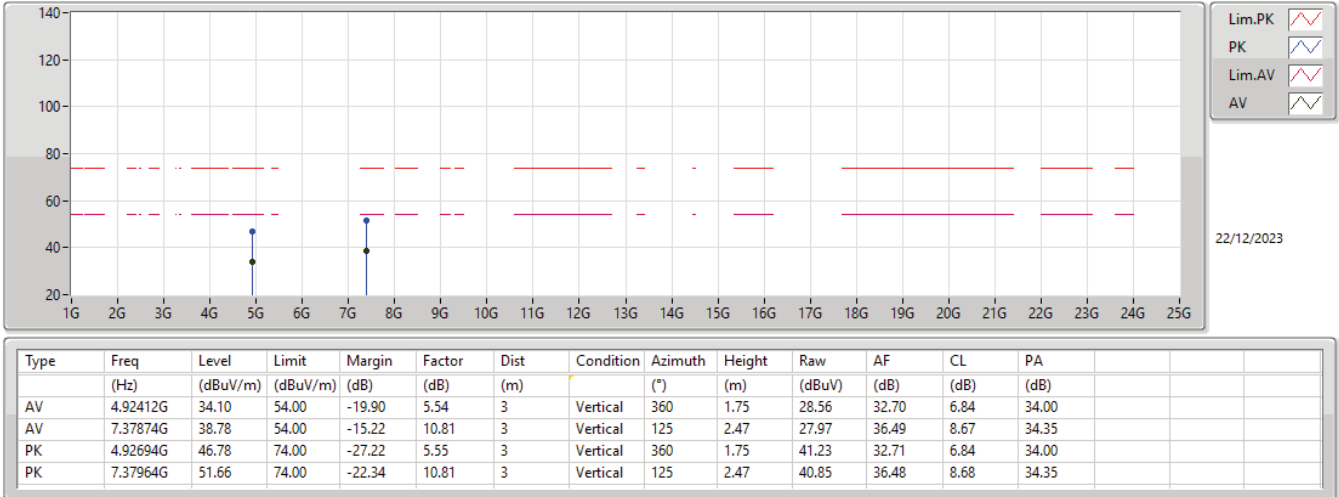
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



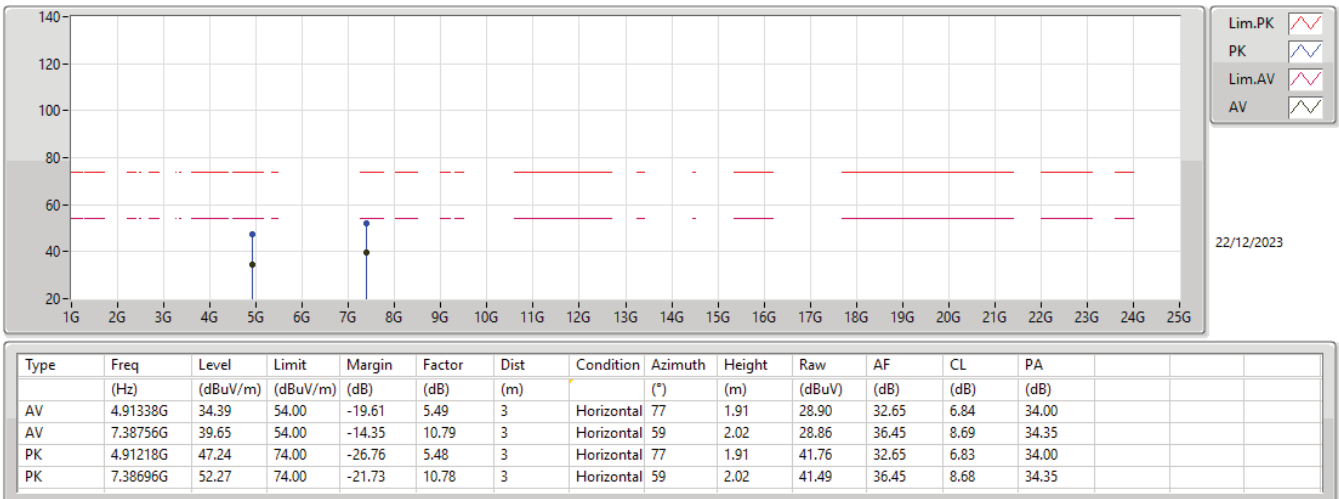
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



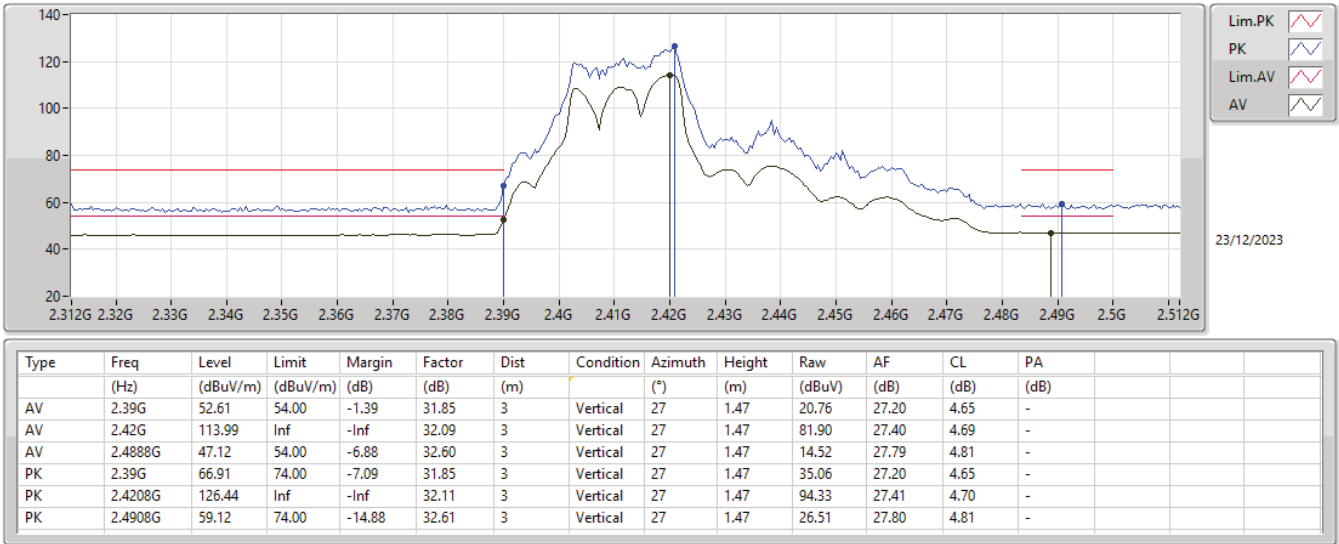
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



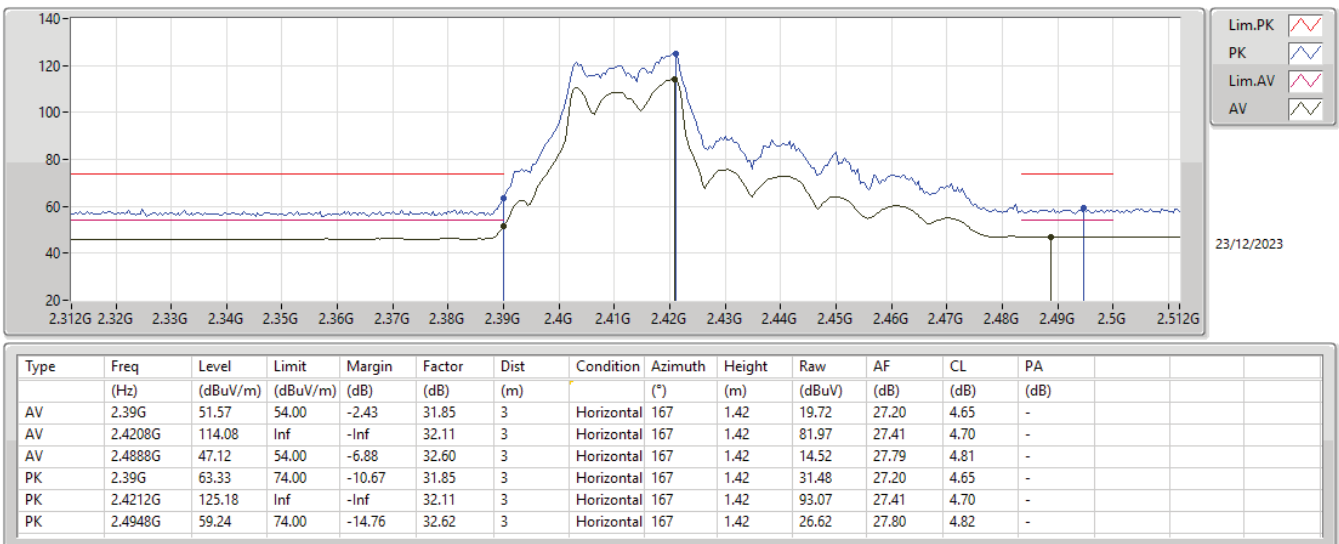
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2412MHz_TX



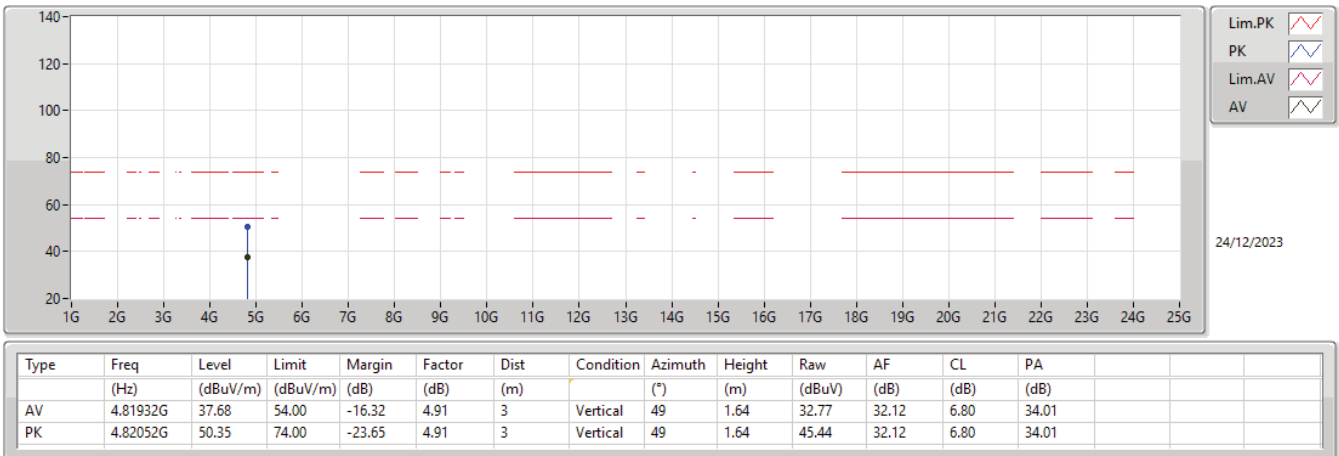
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2412MHz_TX



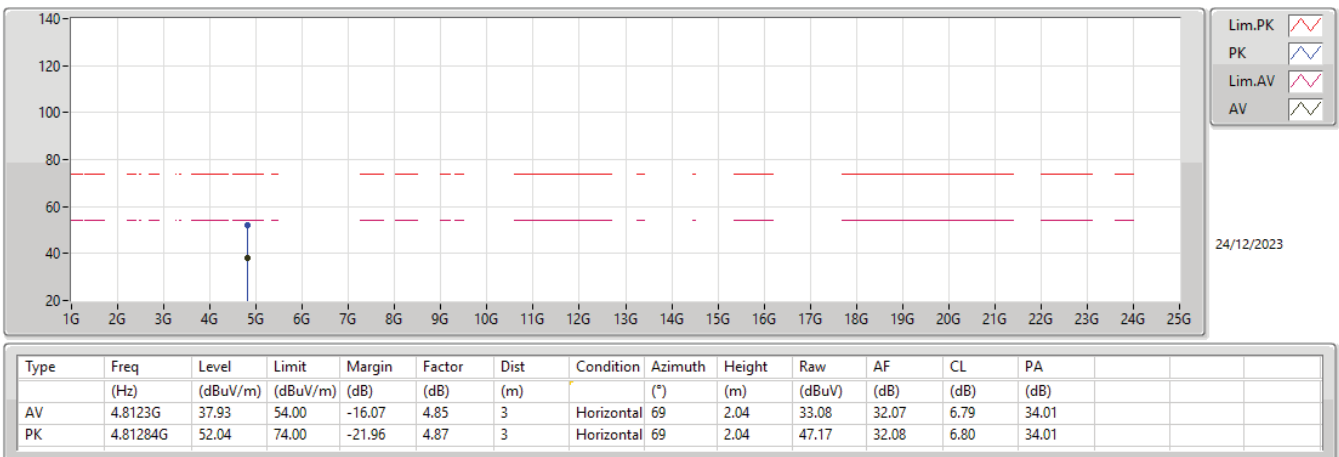
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2412MHz_TX



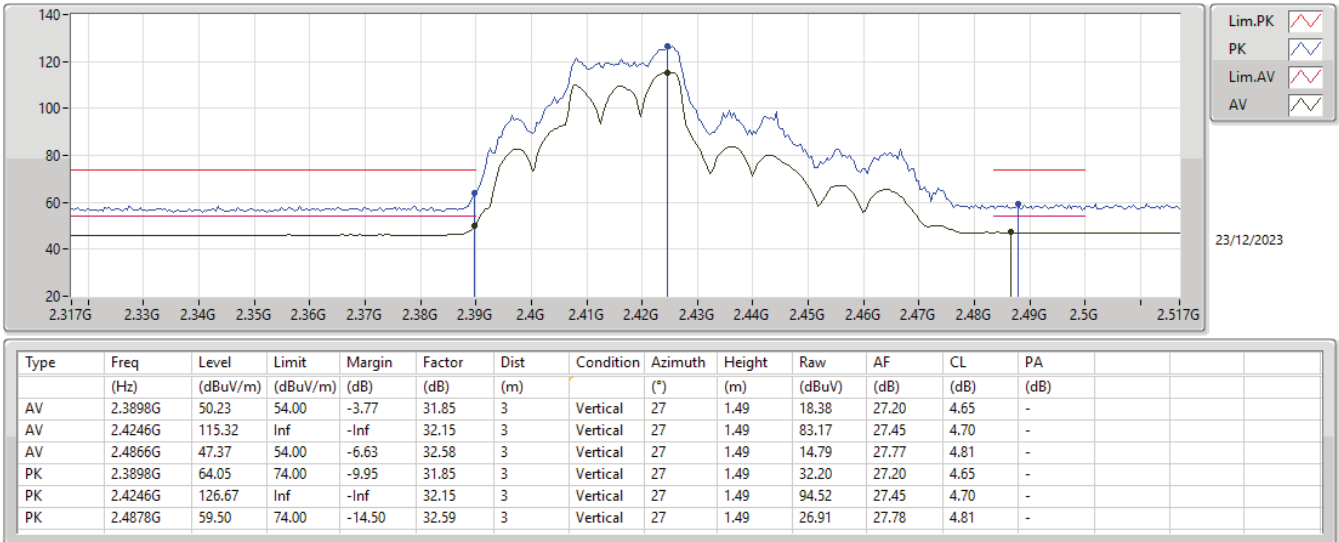
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2412MHz_TX



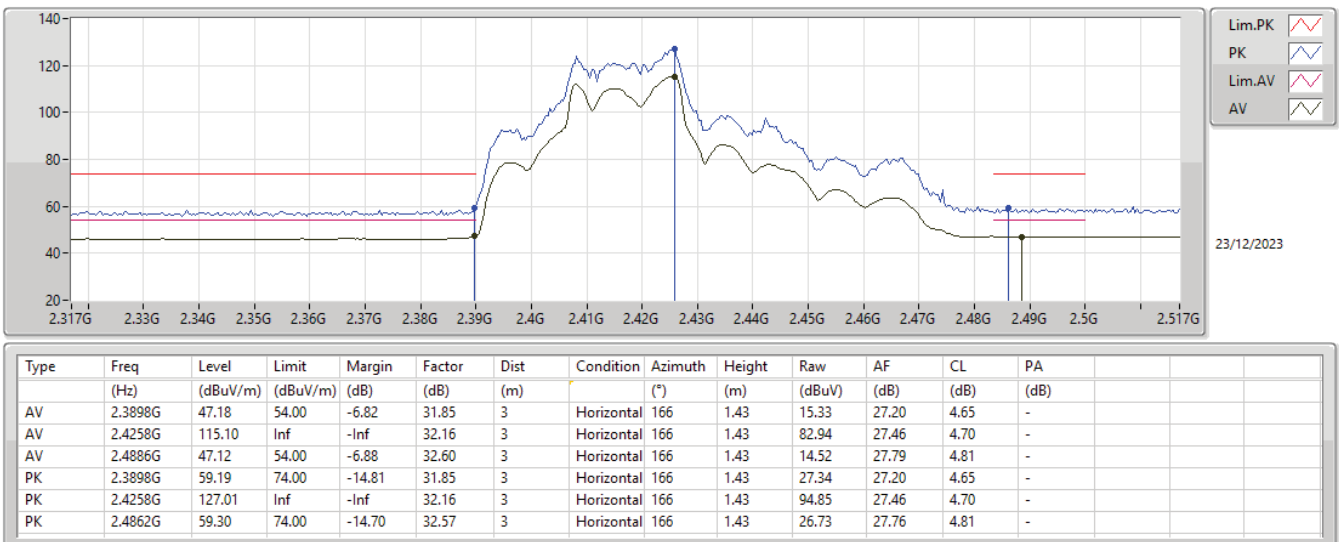
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2417MHz_TX



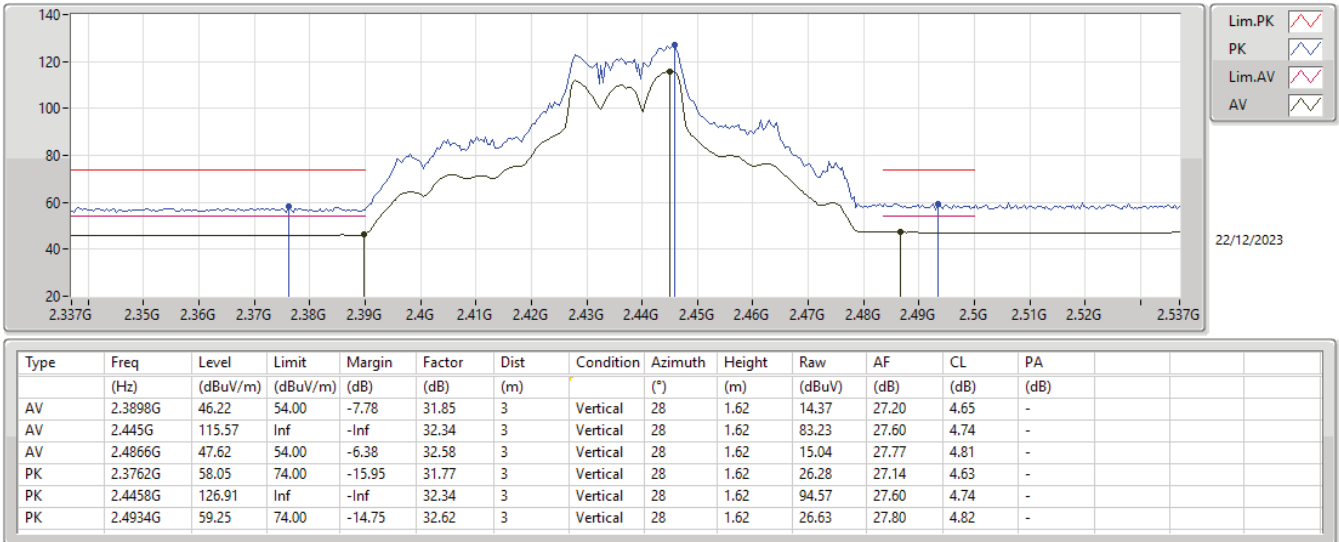
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2417MHz_TX



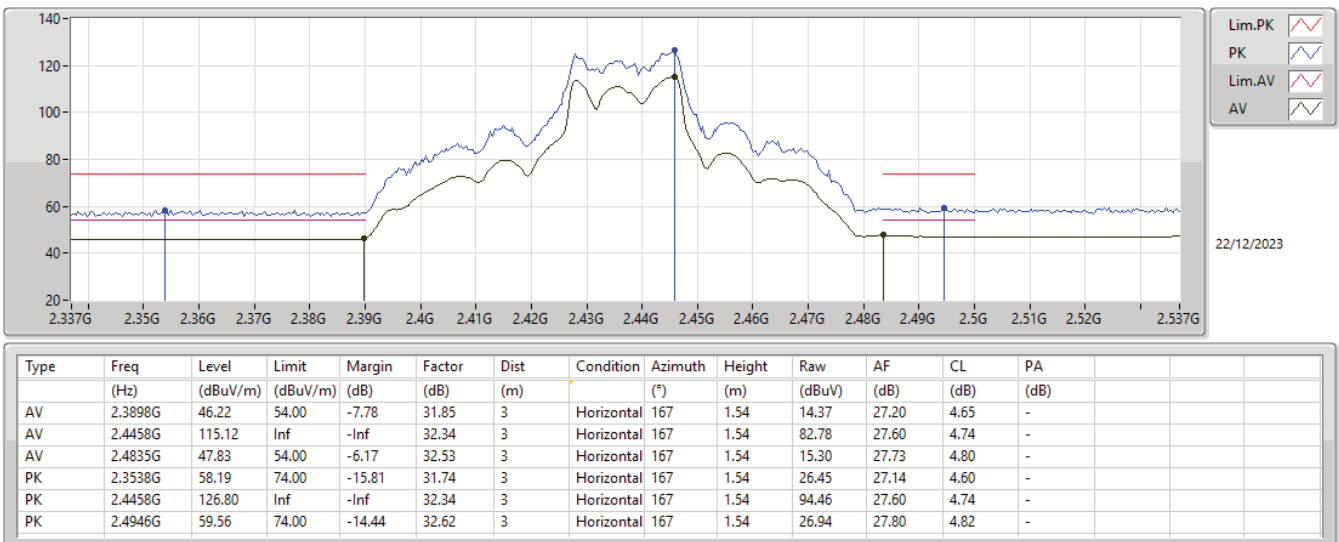
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2437MHz_TX



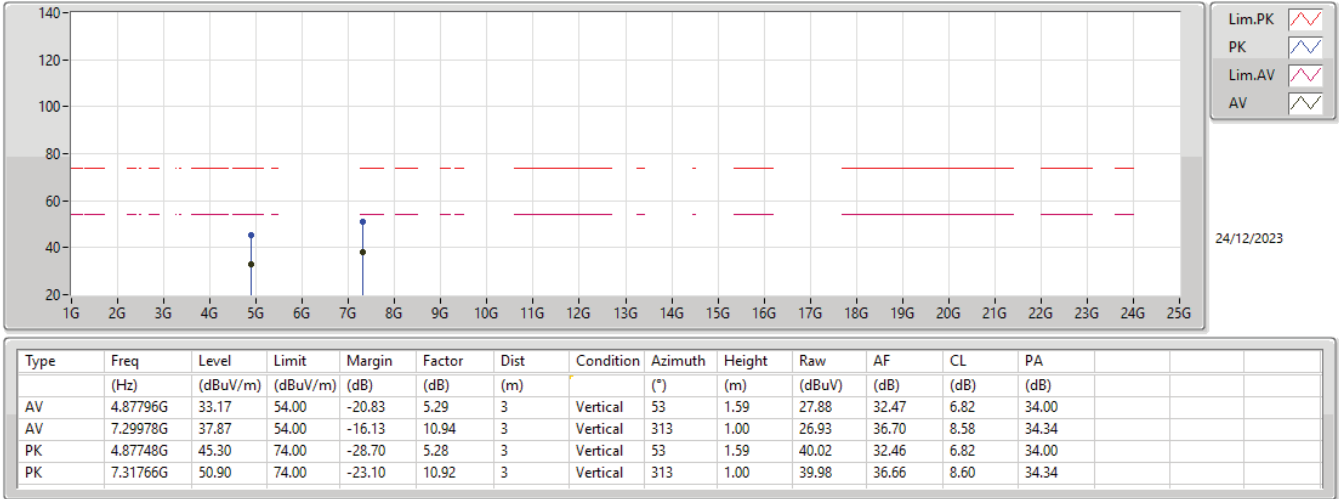
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2437MHz_TX



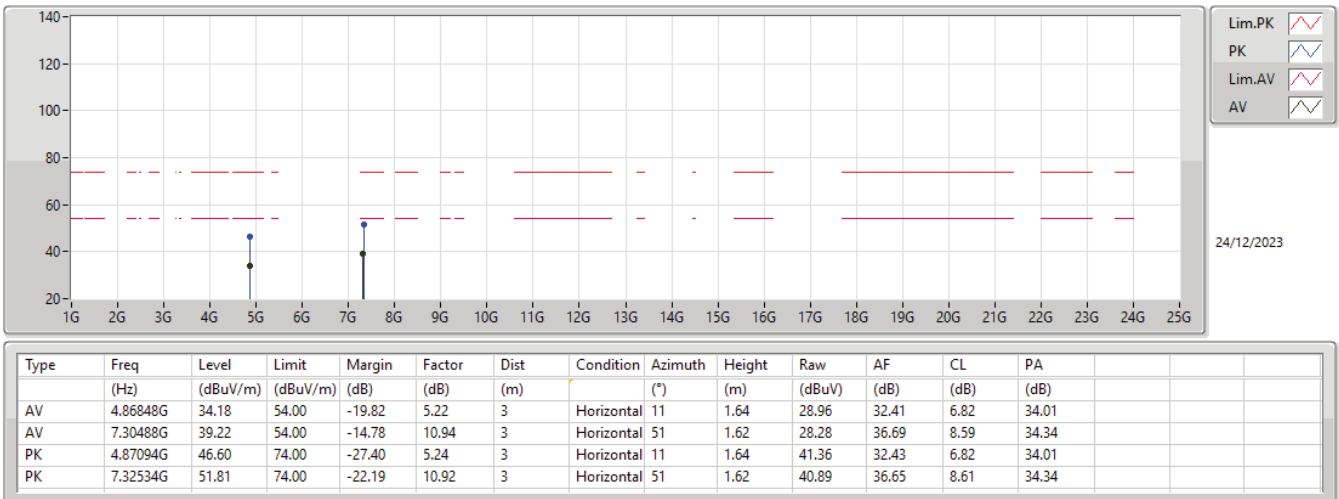
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2437MHz_TX



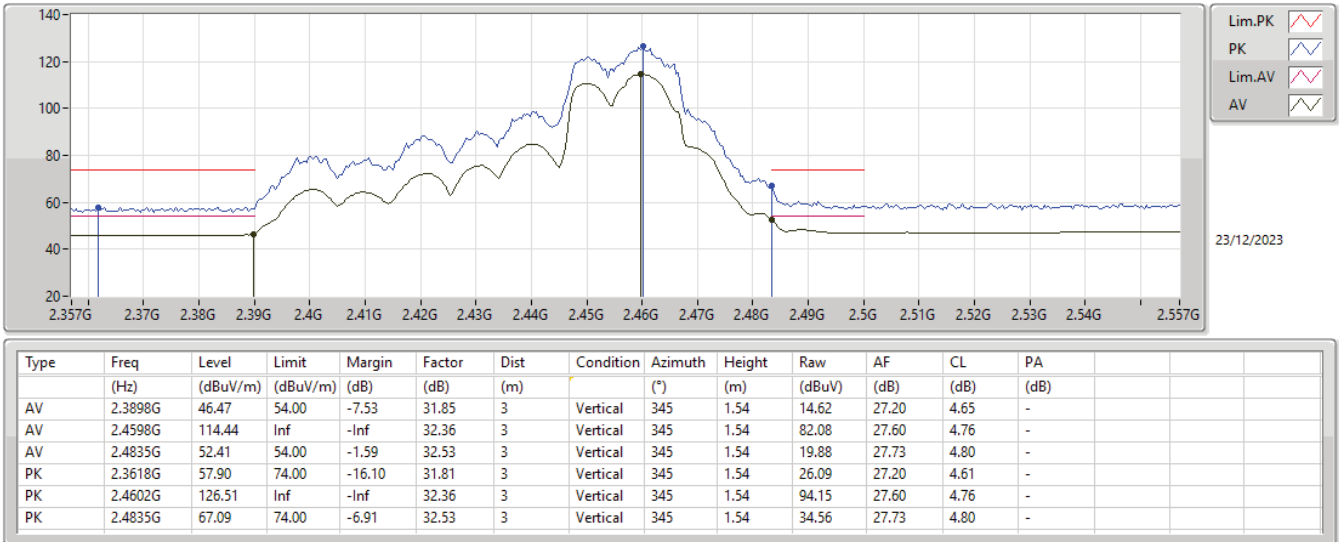
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2437MHz_TX



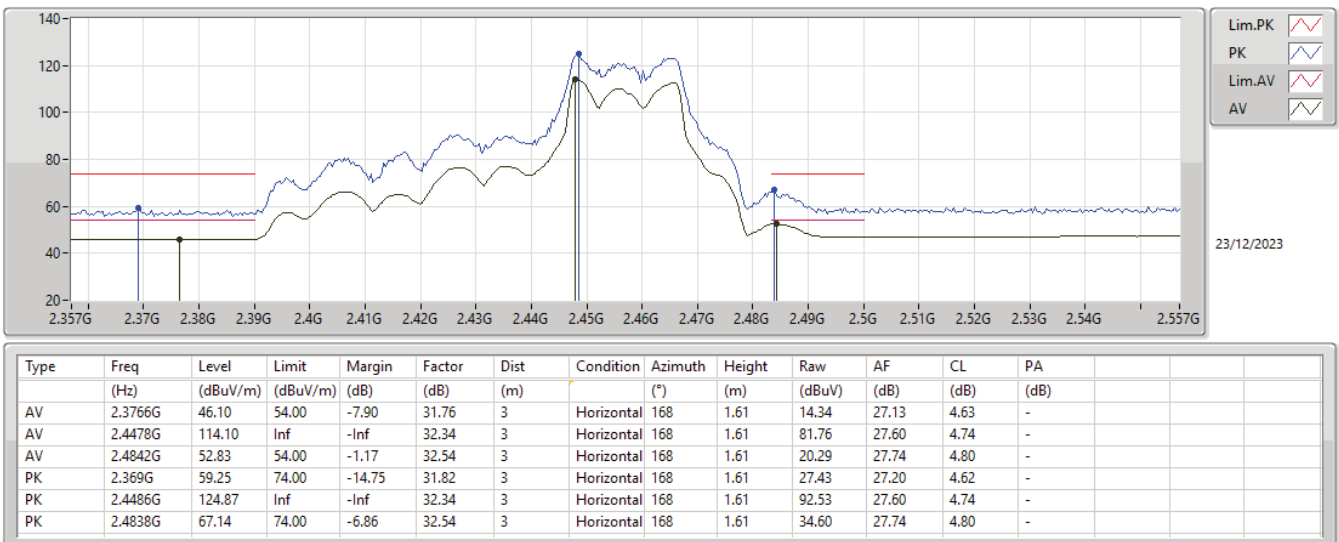
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2457MHz_TX



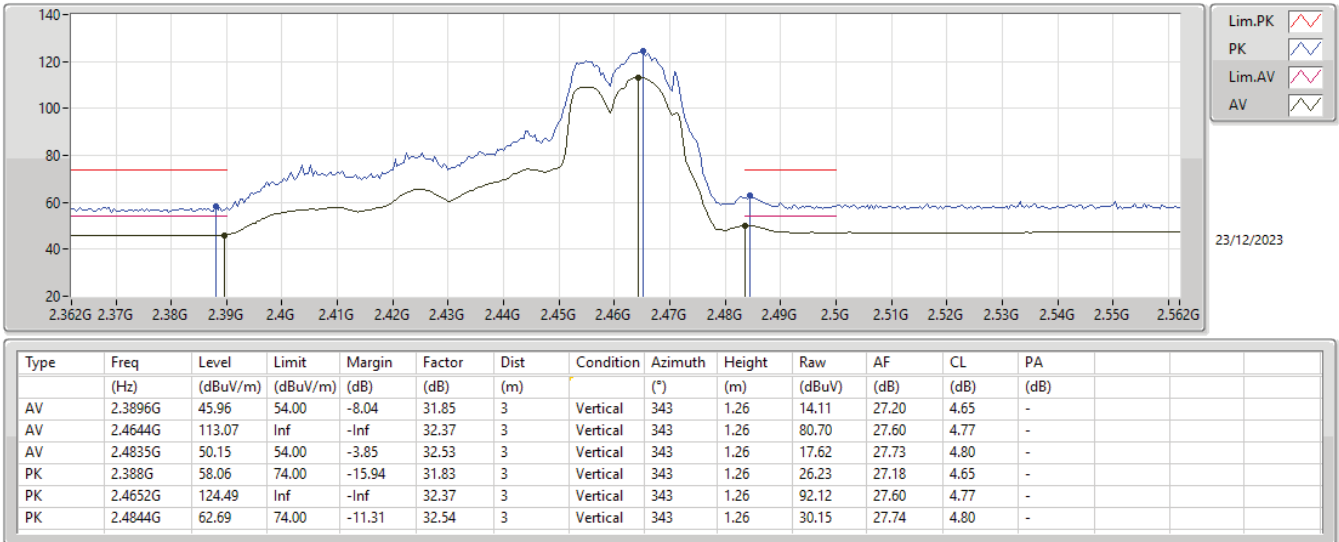
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2457MHz_TX



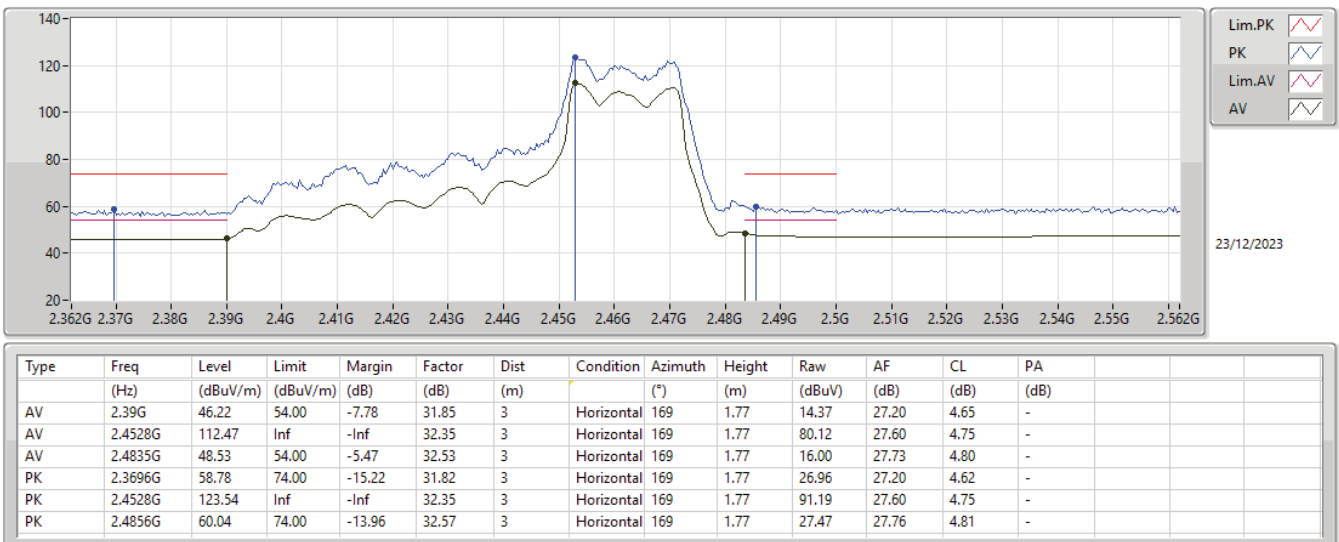
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2462MHz_TX



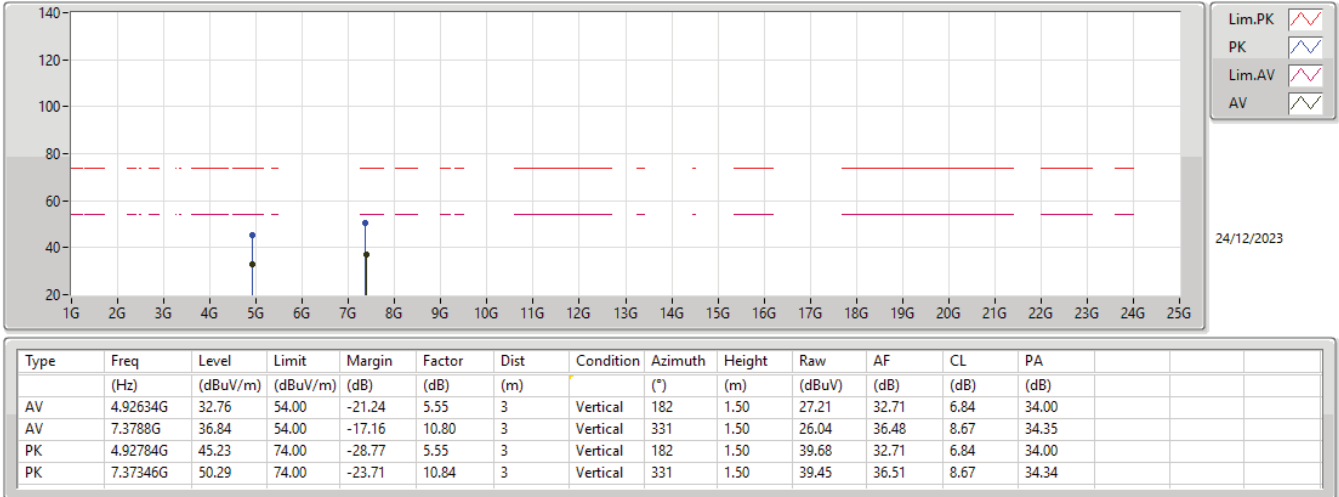
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2462MHz_TX



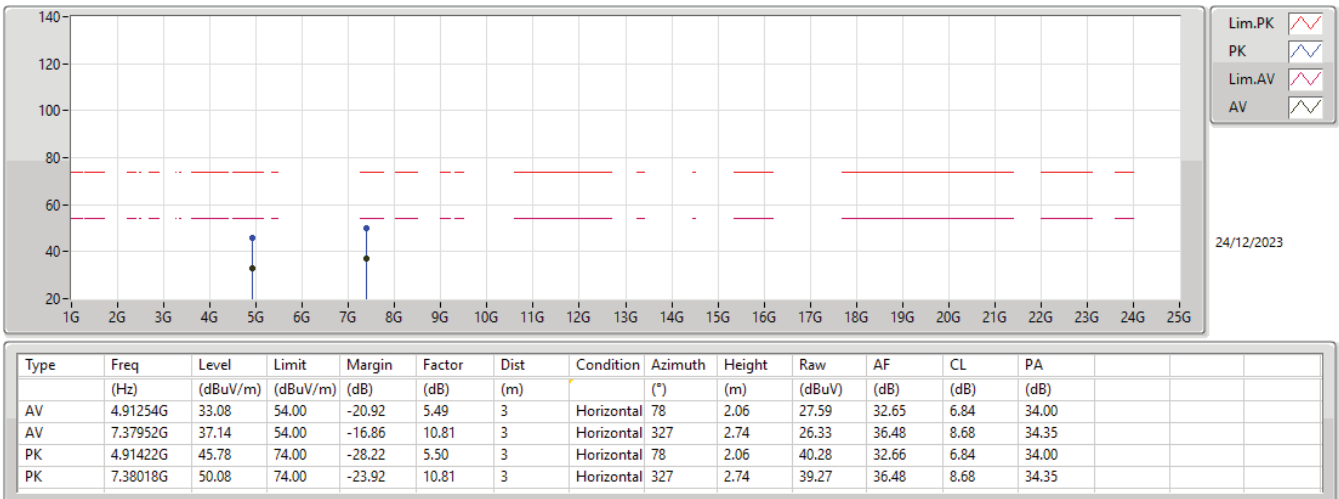
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2462MHz_TX



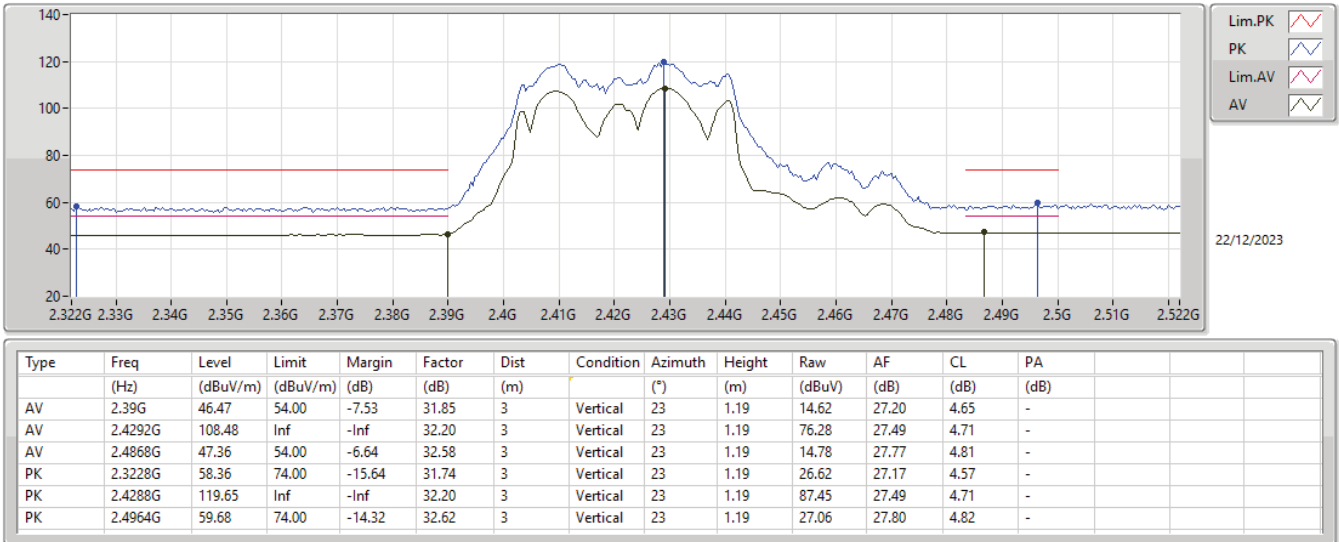
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2462MHz_TX



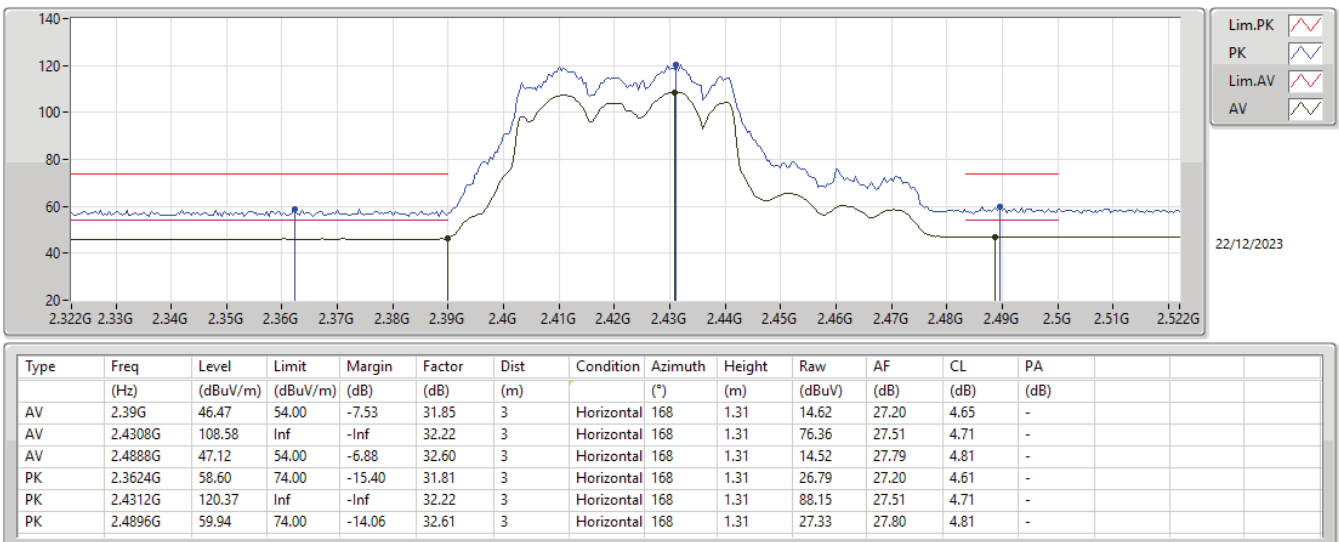
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2422MHz_TX



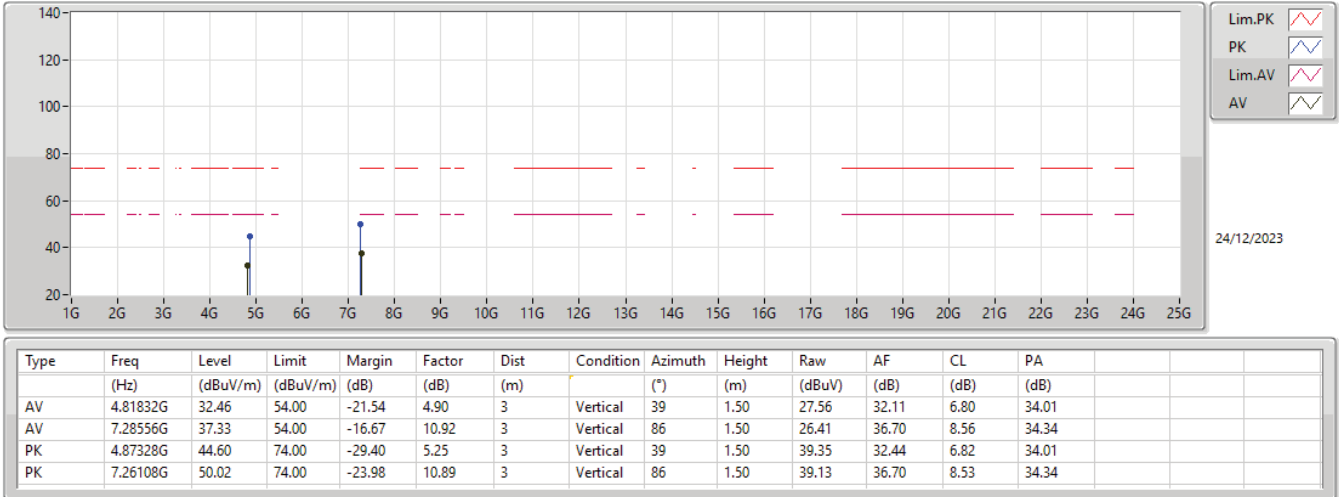
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2422MHz_TX



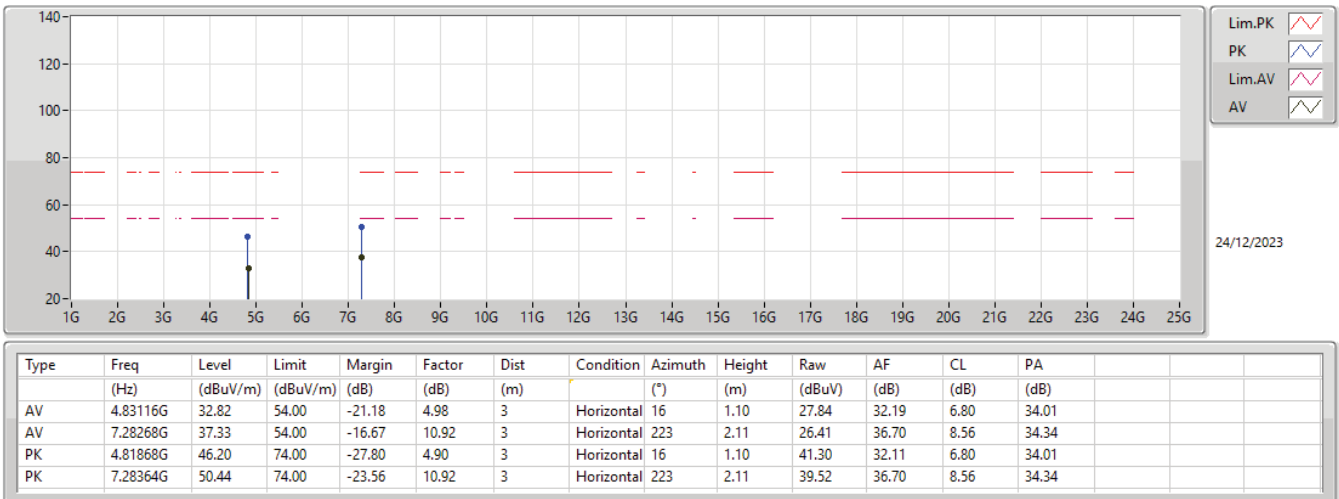
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2422MHz_TX



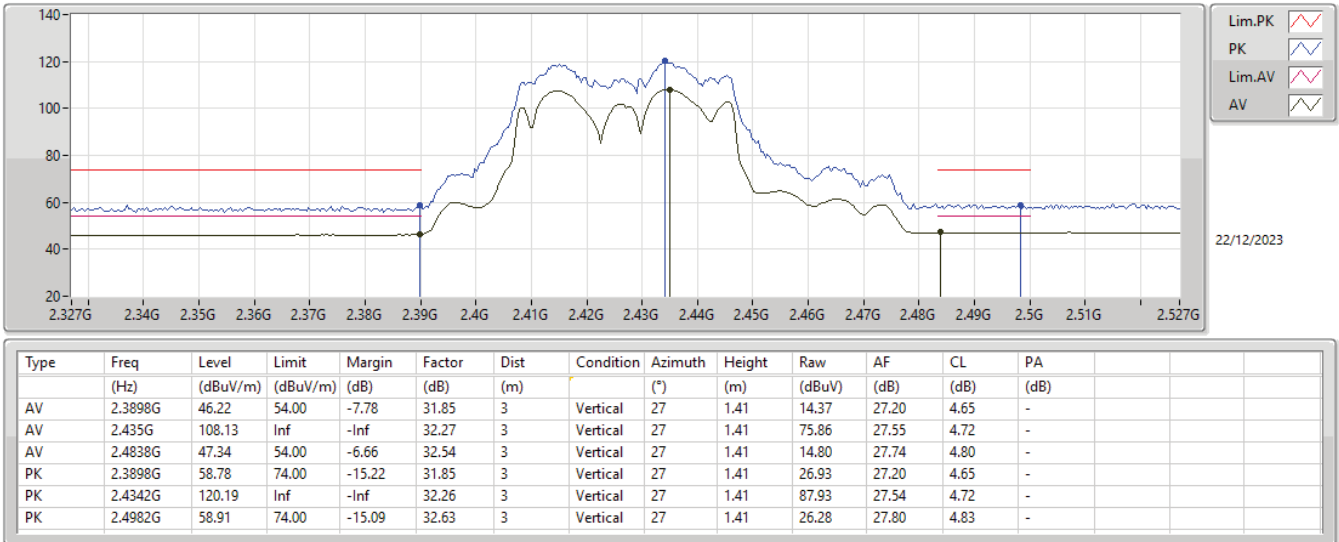
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2422MHz_TX



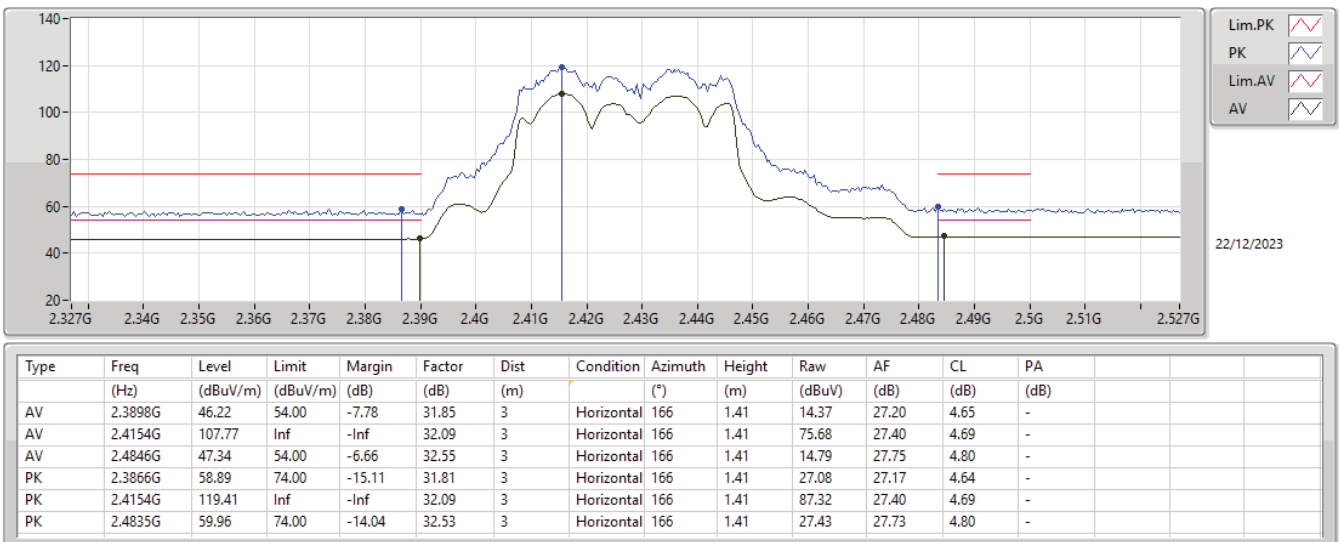
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2427MHz_TX



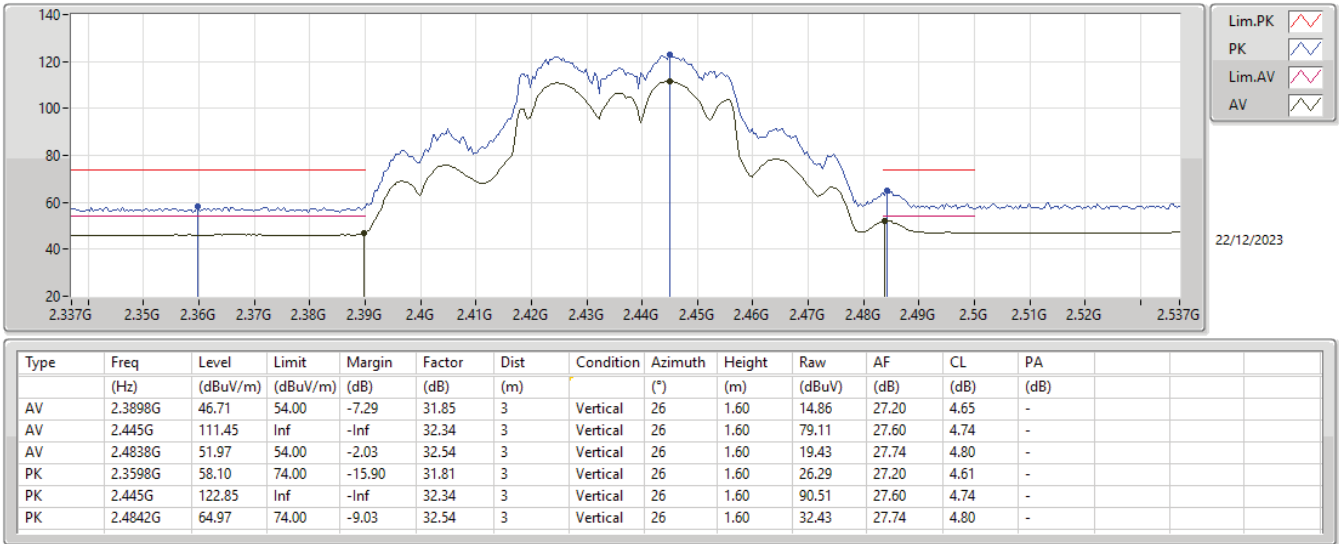
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2427MHz_TX



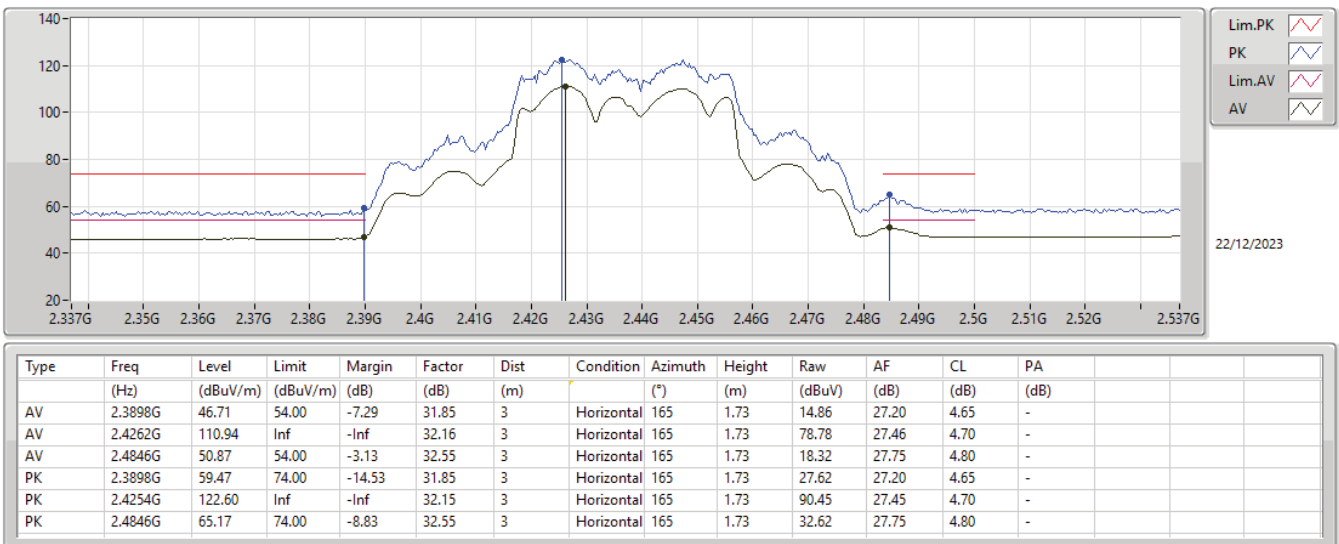
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2437MHz_TX



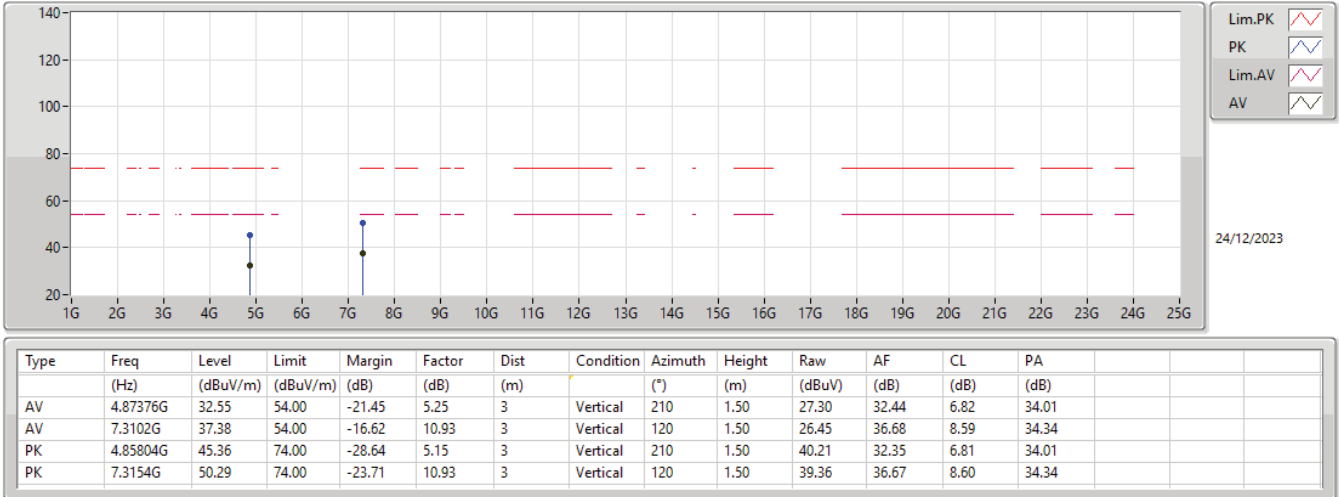
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2437MHz_TX



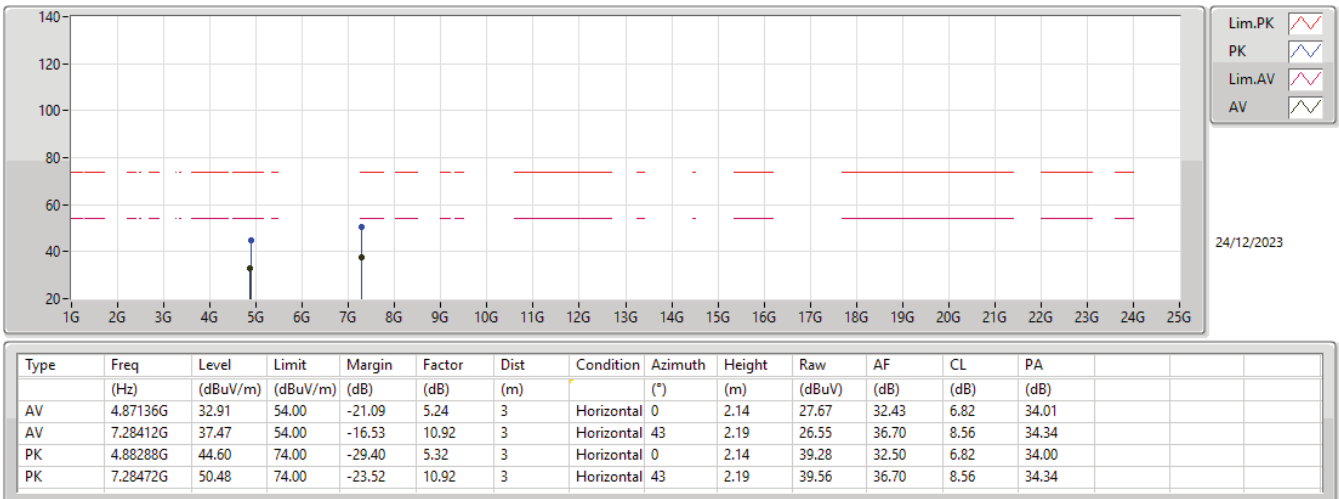
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2437MHz_TX



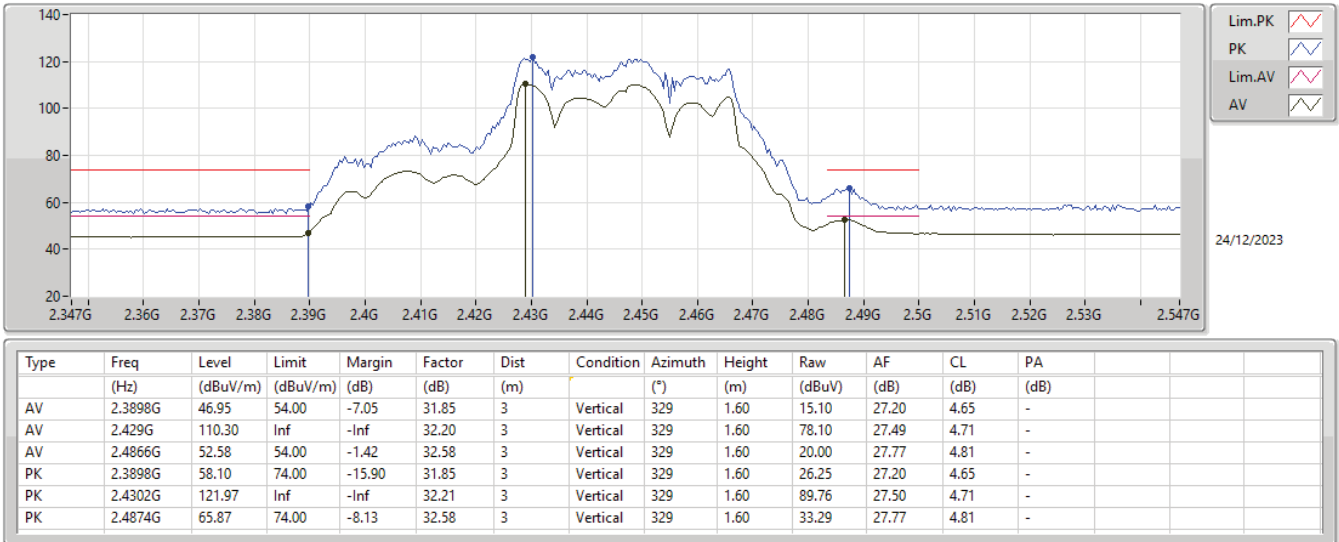
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2437MHz_TX



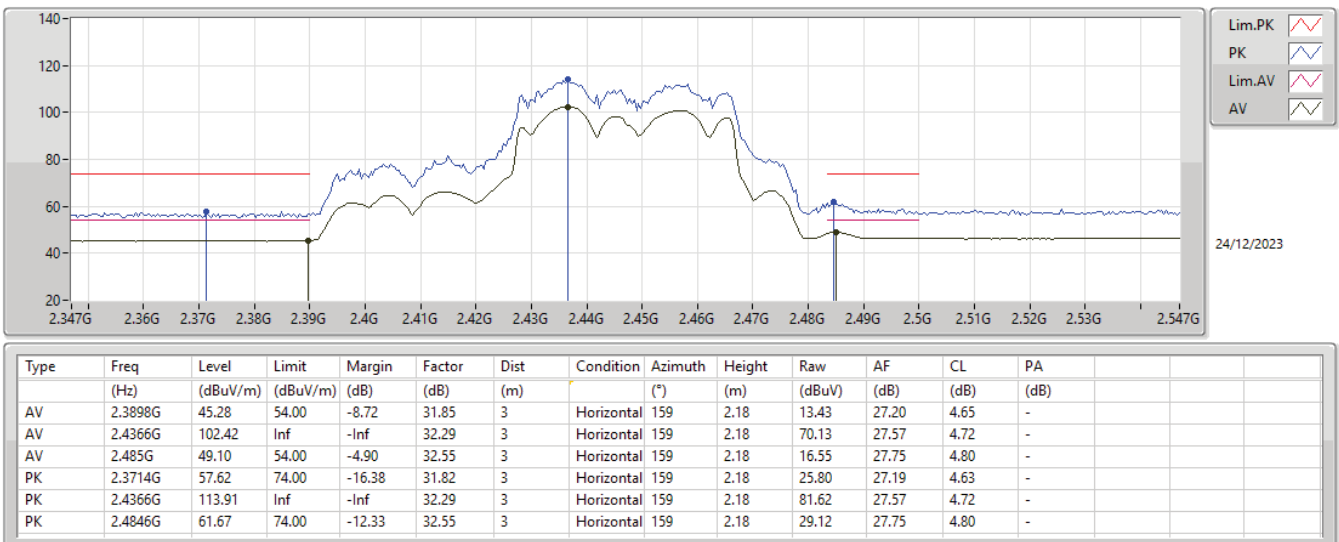
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2447MHz_TX



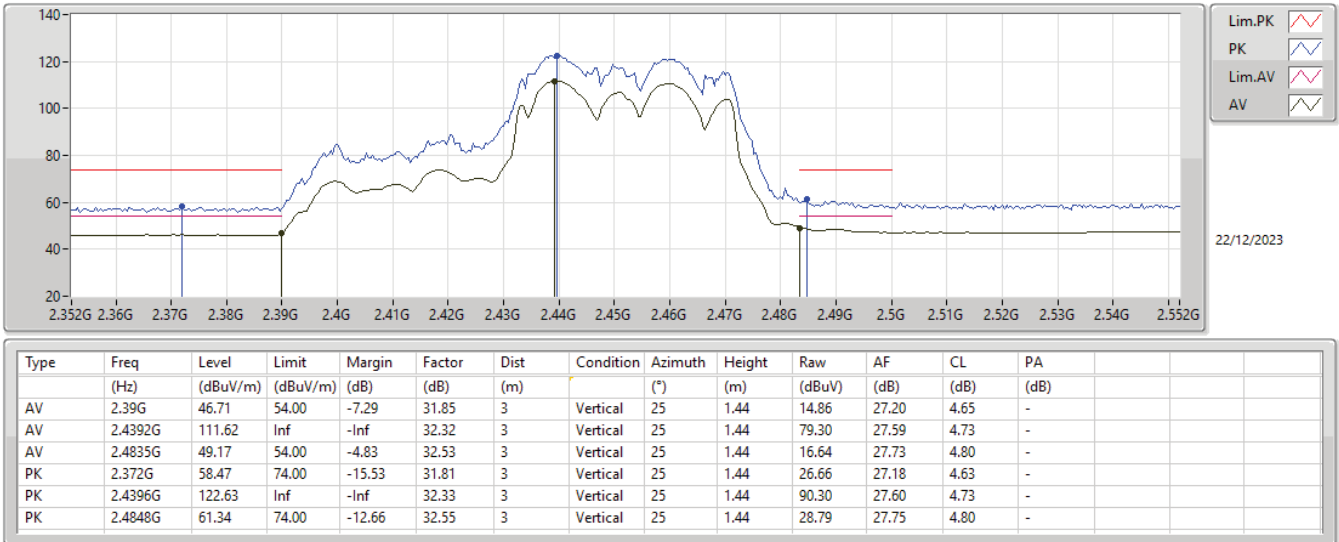
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2447MHz_TX



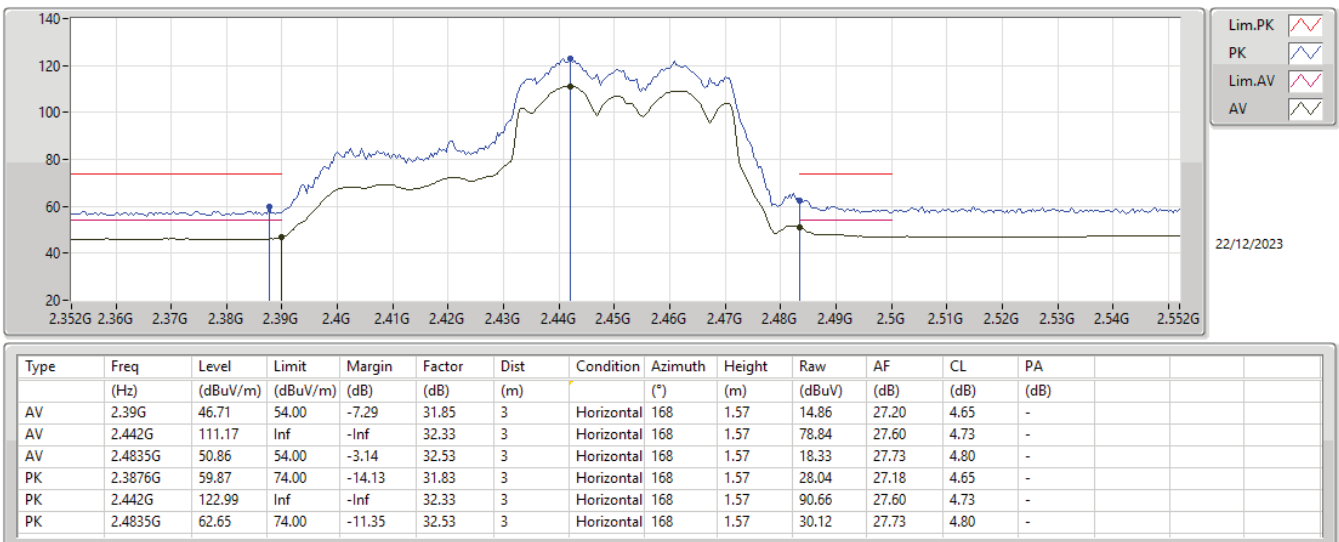
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX



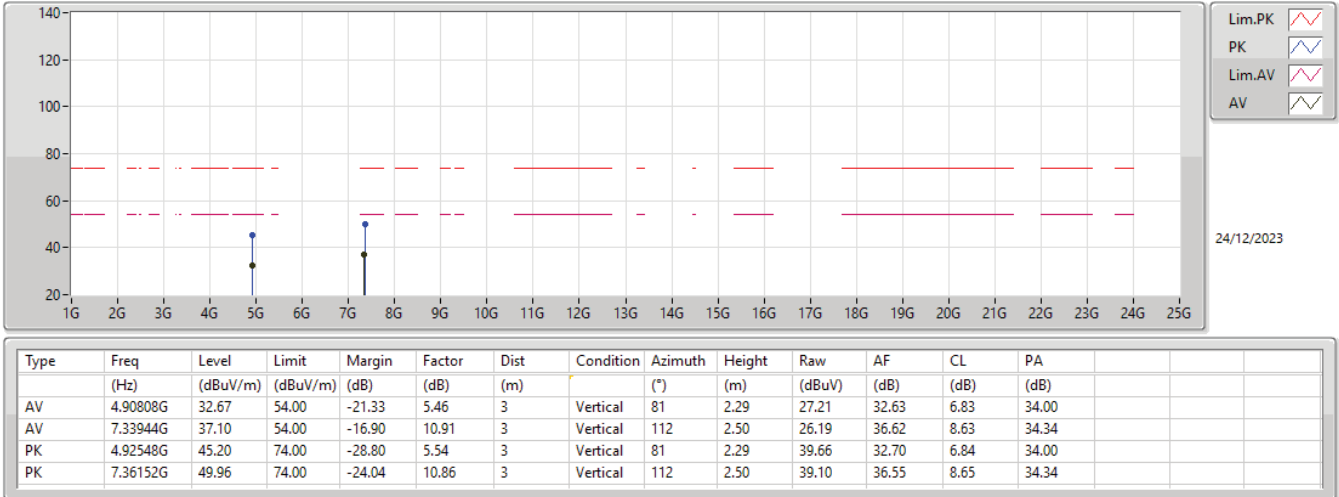
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2452MHz_TX



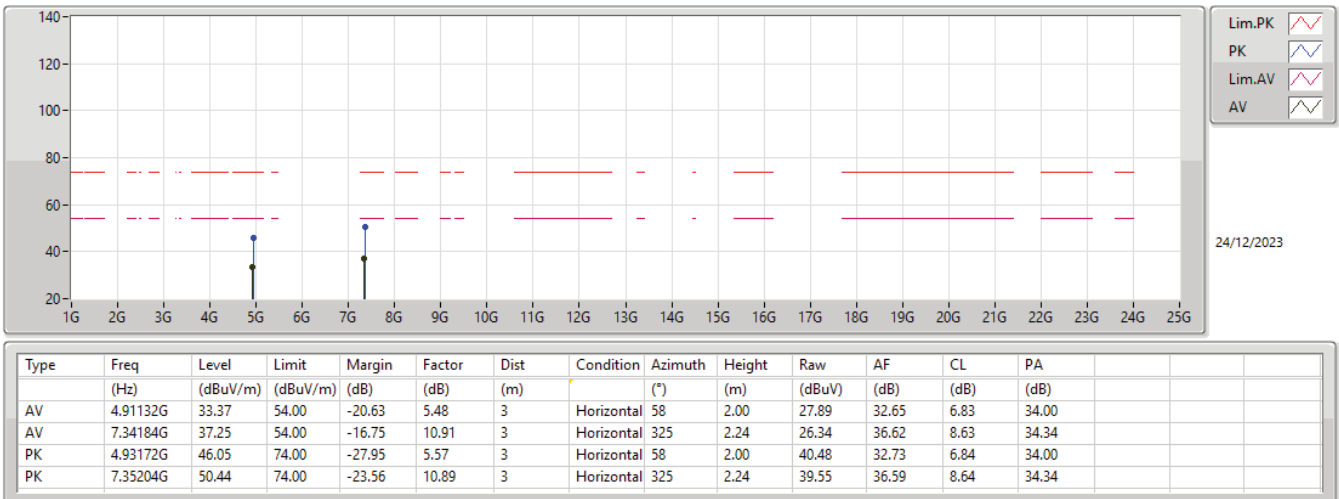
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	2.39G	52.95	54.00	-1.05	3	Vertical	210	2.92
802.11be EHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	51.96	54.00	-2.04	3	Vertical	137	1.11

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.95	54.00	-1.05	3	Vertical	210	2.92
2412MHz	Pass	AV	2.4032G	109.42	Inf	-Inf	3	Vertical	210	2.92
2412MHz	Pass	PK	2.3898G	70.45	74.00	-3.55	3	Vertical	210	2.92
2412MHz	Pass	PK	2.4034G	120.50	Inf	-Inf	3	Vertical	210	2.92
2412MHz	Pass	AV	2.39G	51.52	54.00	-2.48	3	Horizontal	169	2.34
2412MHz	Pass	AV	2.404G	110.25	Inf	-Inf	3	Horizontal	169	2.34
2412MHz	Pass	PK	2.39G	66.51	74.00	-7.49	3	Horizontal	169	2.34
2412MHz	Pass	PK	2.4036G	122.22	Inf	-Inf	3	Horizontal	169	2.34
2412MHz	Pass	AV	4.82468G	35.76	54.00	-18.24	3	Vertical	279	1.50
2412MHz	Pass	PK	4.82408G	48.55	74.00	-25.45	3	Vertical	279	1.50
2412MHz	Pass	AV	4.82092G	37.24	54.00	-16.76	3	Horizontal	48	1.50
2412MHz	Pass	PK	4.82384G	45.91	74.00	-28.09	3	Horizontal	48	1.50
2437MHz	Pass	AV	2.3794G	45.99	54.00	-8.01	3	Vertical	218	2.43
2437MHz	Pass	AV	2.4294G	103.74	Inf	-Inf	3	Vertical	218	2.43
2437MHz	Pass	AV	2.485G	47.25	54.00	-6.75	3	Vertical	218	2.43
2437MHz	Pass	PK	2.371G	58.01	74.00	-15.99	3	Vertical	218	2.43
2437MHz	Pass	PK	2.429G	118.66	Inf	-Inf	3	Vertical	218	2.43
2437MHz	Pass	PK	2.4862G	58.51	74.00	-15.49	3	Vertical	218	2.43
2437MHz	Pass	AV	2.3898G	45.88	54.00	-8.12	3	Horizontal	162	2.32
2437MHz	Pass	AV	2.4294G	111.70	Inf	-Inf	3	Horizontal	162	2.32
2437MHz	Pass	AV	2.4882G	47.27	54.00	-6.73	3	Horizontal	162	2.32
2437MHz	Pass	PK	2.3766G	58.13	74.00	-15.87	3	Horizontal	162	2.32
2437MHz	Pass	PK	2.4326G	122.69	Inf	-Inf	3	Horizontal	162	2.32
2437MHz	Pass	PK	2.4886G	58.53	74.00	-15.47	3	Horizontal	162	2.32
2437MHz	Pass	AV	4.8656G	33.23	54.00	-20.77	3	Vertical	357	2.37
2437MHz	Pass	PK	4.86564G	45.66	74.00	-28.34	3	Vertical	357	2.37
2437MHz	Pass	AV	4.88224G	33.01	54.00	-20.99	3	Horizontal	133	1.50
2437MHz	Pass	PK	4.8744G	45.22	74.00	-28.78	3	Horizontal	133	1.50
2462MHz	Pass	AV	2.4534G	111.34	Inf	-Inf	3	Vertical	336	2.25
2462MHz	Pass	AV	2.4846G	48.99	54.00	-5.01	3	Vertical	336	2.25
2462MHz	Pass	PK	2.4532G	123.32	Inf	-Inf	3	Vertical	336	2.25
2462MHz	Pass	PK	2.4846G	66.30	74.00	-7.70	3	Vertical	336	2.25
2462MHz	Pass	AV	2.4586G	108.56	Inf	-Inf	3	Horizontal	170	2.38
2462MHz	Pass	AV	2.4835G	52.10	54.00	-1.90	3	Horizontal	170	2.38
2462MHz	Pass	PK	2.4586G	121.06	Inf	-Inf	3	Horizontal	170	2.38
2462MHz	Pass	PK	2.4844G	68.89	74.00	-5.11	3	Horizontal	170	2.38
2462MHz	Pass	AV	4.9256G	33.73	54.00	-20.27	3	Vertical	0	1.50
2462MHz	Pass	PK	4.93172G	45.50	74.00	-28.50	3	Vertical	0	1.50
2462MHz	Pass	AV	4.92424G	36.90	54.00	-17.10	3	Horizontal	0	1.50
2462MHz	Pass	PK	4.91872G	46.00	74.00	-28.00	3	Horizontal	0	1.50
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.25	54.00	-5.75	3	Vertical	235	1.48
2422MHz	Pass	AV	2.416G	108.38	Inf	-Inf	3	Vertical	235	1.48
2422MHz	Pass	AV	2.4835G	47.00	54.00	-7.00	3	Vertical	235	1.48
2422MHz	Pass	PK	2.39G	64.84	74.00	-9.16	3	Vertical	235	1.48
2422MHz	Pass	PK	2.4128G	114.14	Inf	-Inf	3	Vertical	235	1.48
2422MHz	Pass	PK	2.5G	59.79	74.00	-14.21	3	Vertical	235	1.48
2422MHz	Pass	AV	2.39G	47.87	54.00	-6.13	3	Horizontal	10	1.50
2422MHz	Pass	AV	2.434G	106.13	Inf	-Inf	3	Horizontal	10	1.50
2422MHz	Pass	AV	2.4956G	46.77	54.00	-7.23	3	Horizontal	10	1.50
2422MHz	Pass	PK	2.39G	59.36	74.00	-14.64	3	Horizontal	10	1.50
2422MHz	Pass	PK	2.4324G	118.51	Inf	-Inf	3	Horizontal	10	1.50
2422MHz	Pass	PK	2.4944G	59.03	74.00	-14.97	3	Horizontal	10	1.50
2422MHz	Pass	AV	4.82448G	32.58	54.00	-21.42	3	Vertical	188	2.62
2422MHz	Pass	PK	4.85488G	44.93	74.00	-29.07	3	Vertical	188	2.62
2422MHz	Pass	AV	4.82432G	32.47	54.00	-21.53	3	Horizontal	132	2.17
2422MHz	Pass	PK	4.83462G	44.61	74.00	-29.39	3	Horizontal	132	2.17
2437MHz	Pass	AV	2.3898G	45.62	54.00	-8.38	3	Vertical	146	1.50
2437MHz	Pass	AV	2.4518G	96.83	Inf	-Inf	3	Vertical	146	1.50
2437MHz	Pass	AV	2.4974G	46.77	54.00	-7.23	3	Vertical	146	1.50



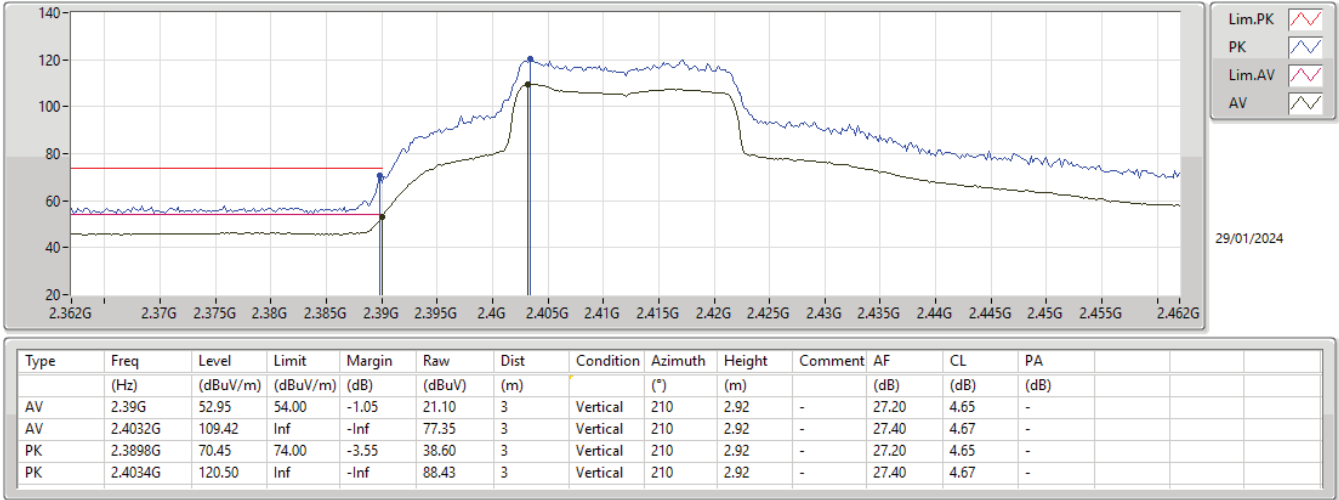
RSE TX above 1GHz_Beamforming

Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.3806G	57.31	74.00	-16.69	3	Vertical	146	1.50
2437MHz	Pass	PK	2.4286G	113.42	Inf	-Inf	3	Vertical	146	1.50
2437MHz	Pass	PK	2.495G	57.98	74.00	-16.02	3	Vertical	146	1.50
2437MHz	Pass	AV	2.3622G	45.57	54.00	-8.43	3	Horizontal	155	2.03
2437MHz	Pass	AV	2.4306G	103.19	Inf	-Inf	3	Horizontal	155	2.03
2437MHz	Pass	AV	2.4835G	47.24	54.00	-6.76	3	Horizontal	155	2.03
2437MHz	Pass	PK	2.3382G	57.74	74.00	-16.26	3	Horizontal	155	2.03
2437MHz	Pass	PK	2.4294G	114.26	Inf	-Inf	3	Horizontal	155	2.03
2437MHz	Pass	PK	2.4835G	58.88	74.00	-15.12	3	Horizontal	155	2.03
2437MHz	Pass	AV	4.88472G	32.66	54.00	-21.34	3	Vertical	222	2.29
2437MHz	Pass	PK	4.88032G	45.19	74.00	-28.81	3	Vertical	222	2.29
2437MHz	Pass	AV	4.88624G	32.68	54.00	-21.32	3	Horizontal	205	2.10
2437MHz	Pass	PK	4.88696G	45.52	74.00	-28.48	3	Horizontal	205	2.10
2452MHz	Pass	AV	2.39G	45.88	54.00	-8.12	3	Vertical	137	1.11
2452MHz	Pass	AV	2.4436G	105.36	Inf	-Inf	3	Vertical	137	1.11
2452MHz	Pass	AV	2.4835G	51.96	54.00	-2.04	3	Vertical	137	1.11
2452MHz	Pass	PK	2.3668G	57.05	74.00	-16.95	3	Vertical	137	1.11
2452MHz	Pass	PK	2.4396G	116.31	Inf	-Inf	3	Vertical	137	1.11
2452MHz	Pass	PK	2.4835G	64.77	74.00	-9.23	3	Vertical	137	1.11
2452MHz	Pass	AV	2.39G	46.12	54.00	-7.88	3	Horizontal	360	1.50
2452MHz	Pass	AV	2.434G	107.03	Inf	-Inf	3	Horizontal	360	1.50
2452MHz	Pass	AV	2.4835G	51.38	54.00	-2.62	3	Horizontal	360	1.50
2452MHz	Pass	PK	2.3528G	56.59	74.00	-17.41	3	Horizontal	360	1.50
2452MHz	Pass	PK	2.4604G	118.80	Inf	-Inf	3	Horizontal	360	1.50
2452MHz	Pass	PK	2.484G	65.68	74.00	-8.32	3	Horizontal	360	1.50
2452MHz	Pass	AV	4.90776G	32.51	54.00	-21.49	3	Vertical	223	1.57
2452MHz	Pass	PK	4.91008G	44.84	74.00	-29.16	3	Vertical	223	1.57
2452MHz	Pass	AV	4.9048G	32.95	54.00	-21.05	3	Horizontal	56	1.49
2452MHz	Pass	PK	4.91248G	45.16	74.00	-28.84	3	Horizontal	56	1.49

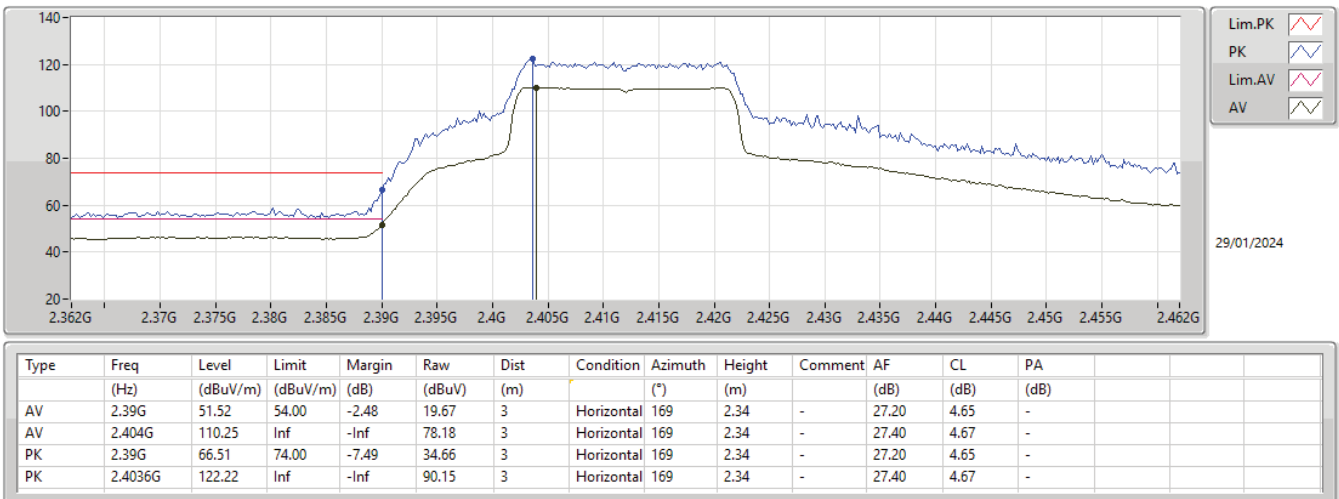
2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

2412MHz_TX



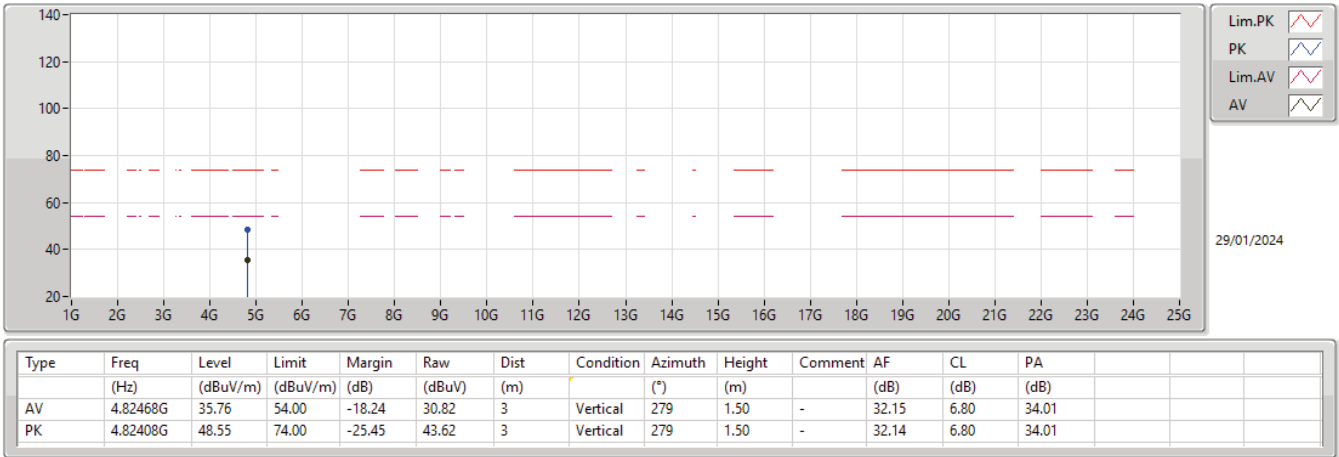
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2412MHz_TX



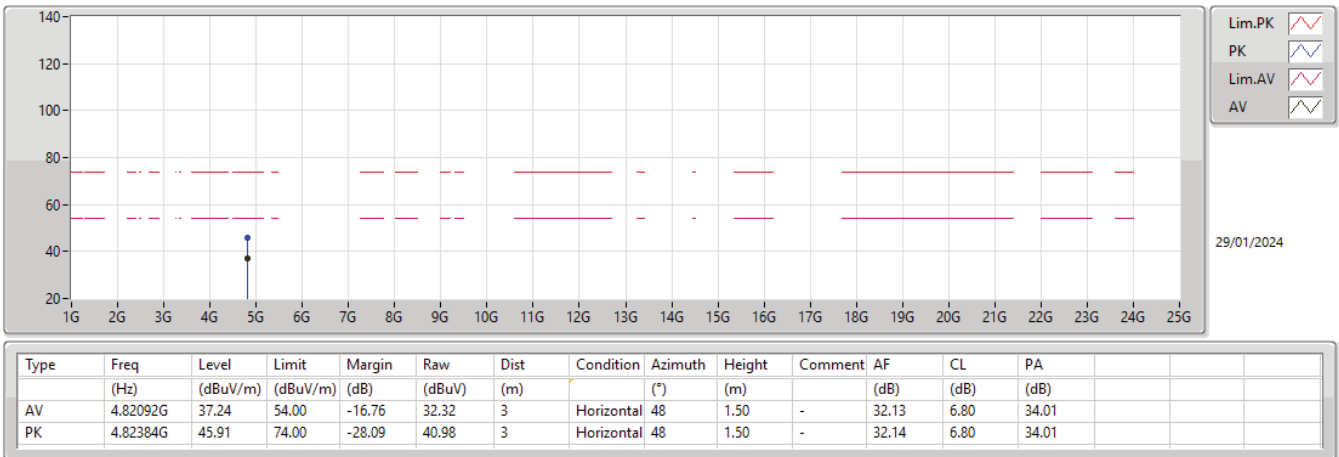
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2412MHz_TX



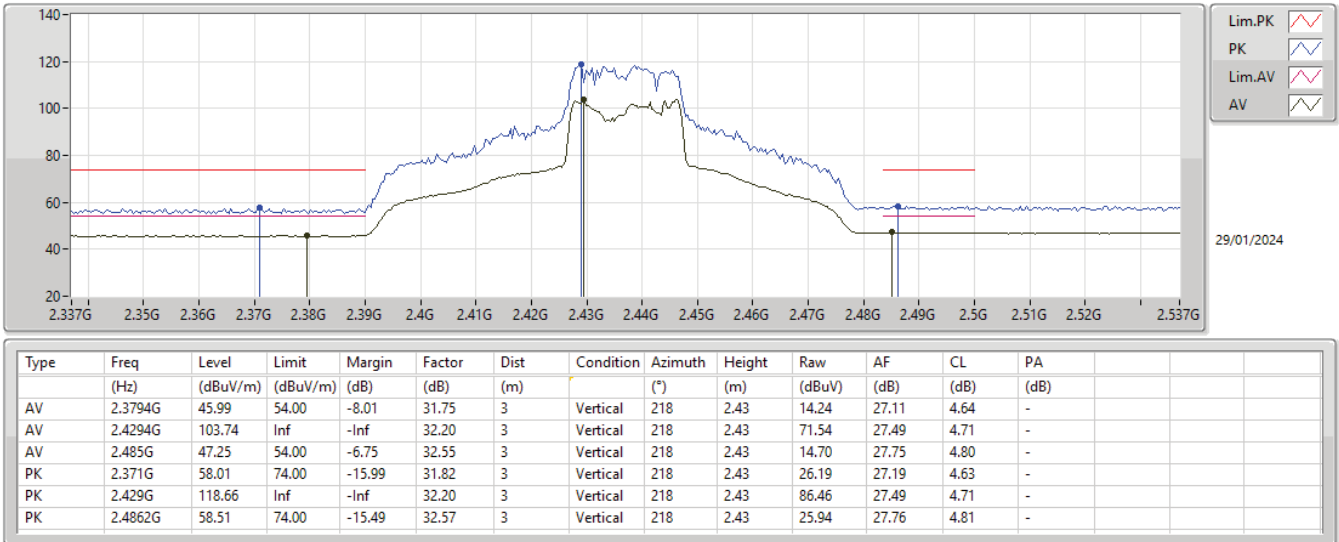
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2412MHz_TX



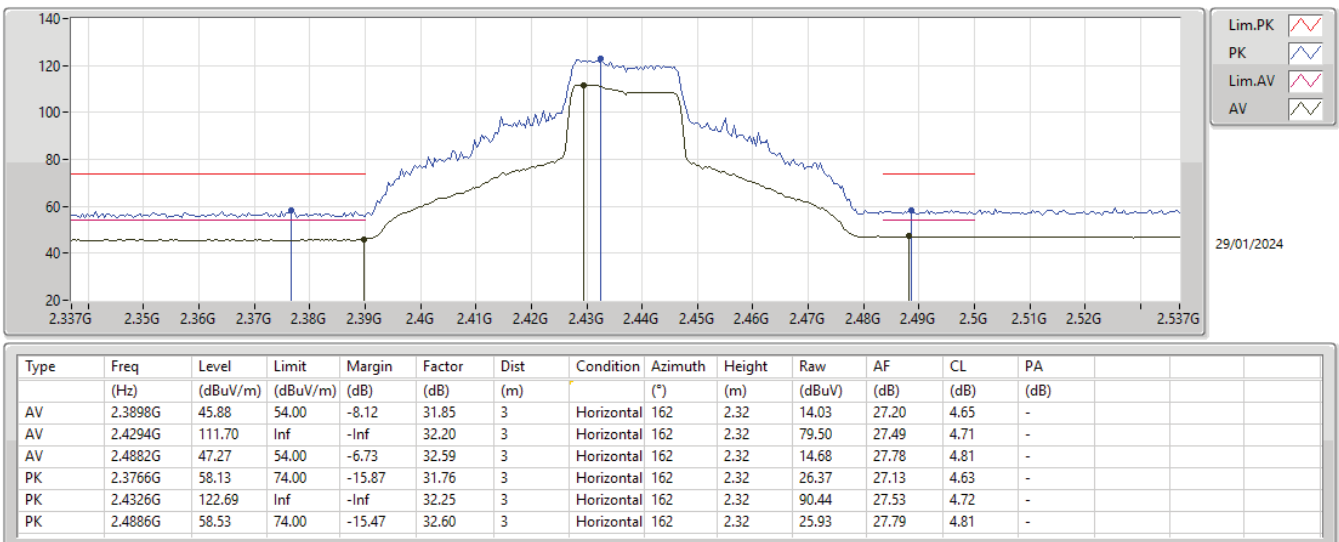
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2437MHz_TX



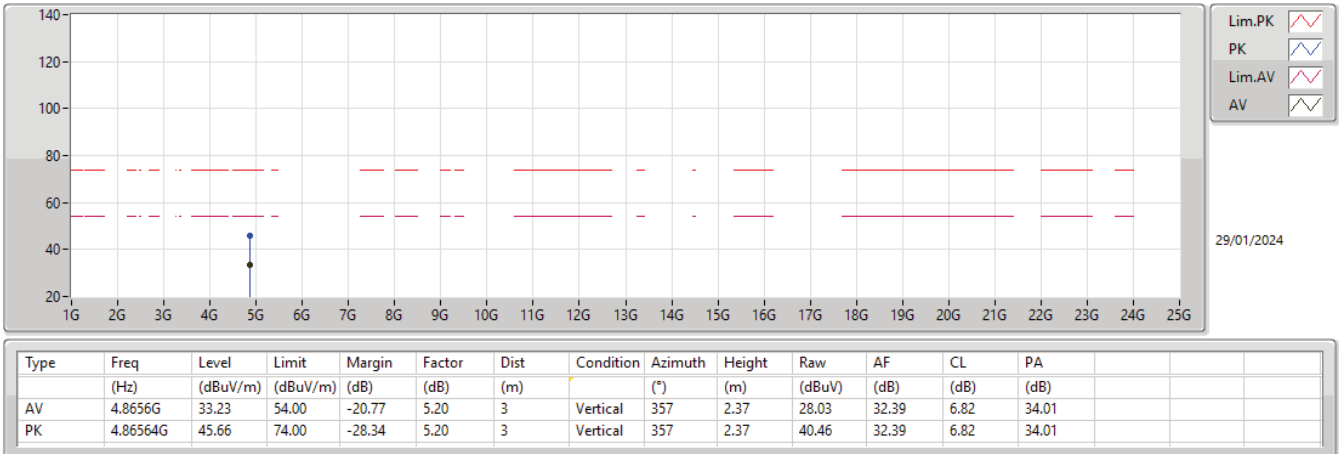
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2437MHz_TX



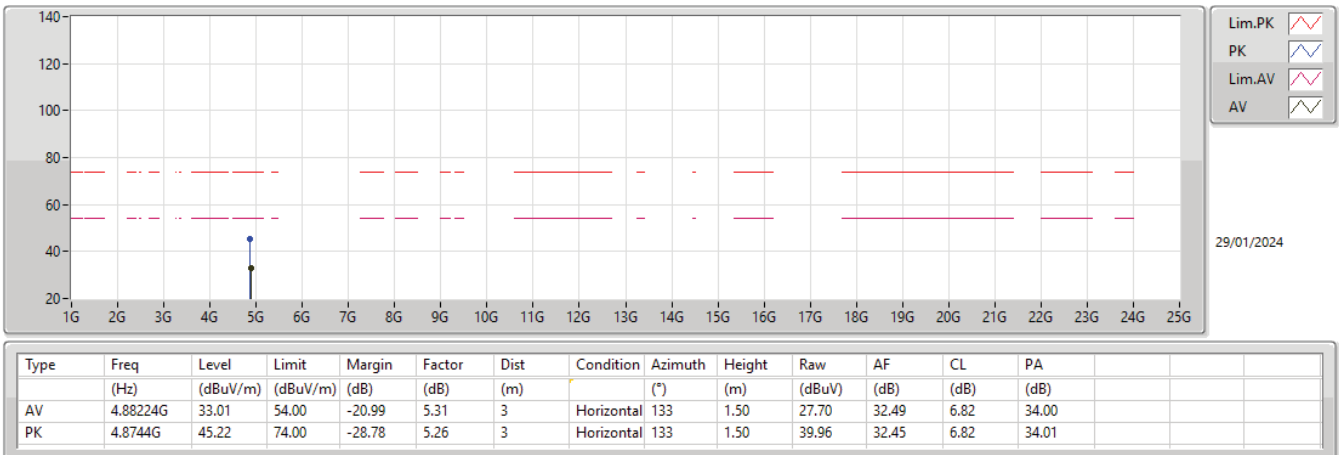
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2437MHz_TX



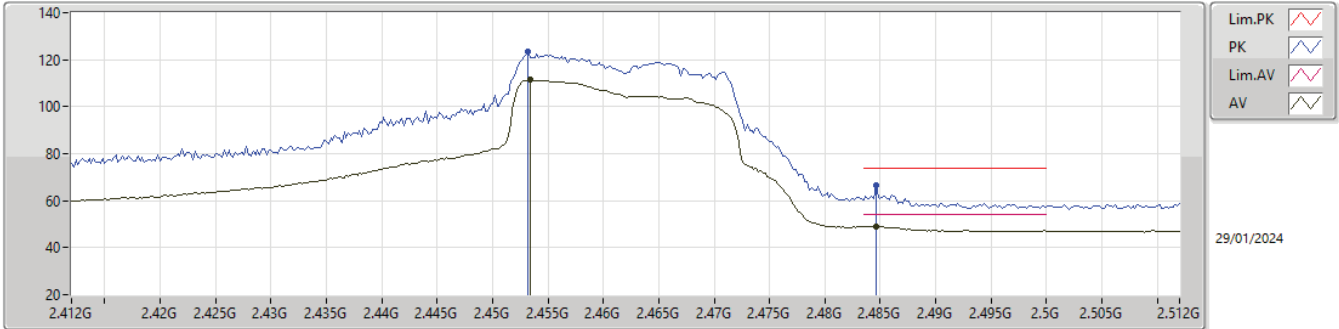
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2437MHz_TX



2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

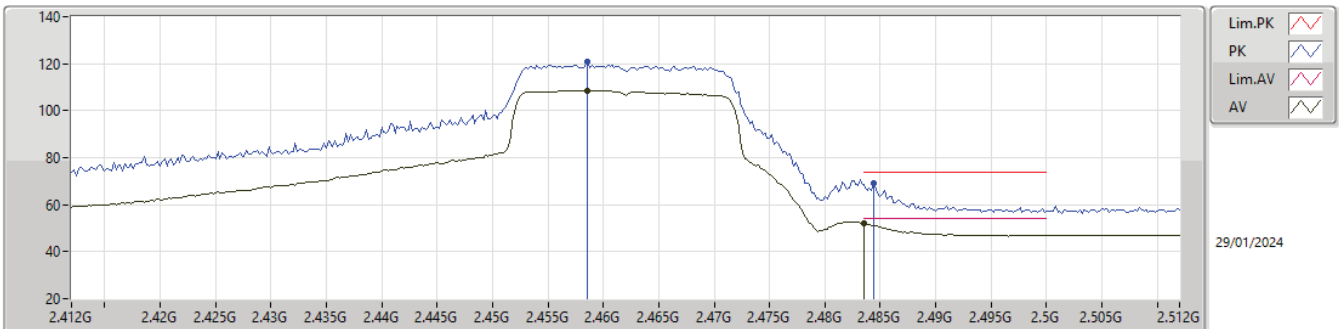
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4534G	111.34	Inf	-Inf	32.35	3	Vertical	336	2.25	78.99	27.60	4.75	-
AV	2.4846G	48.99	54.00	-5.01	32.55	3	Vertical	336	2.25	16.44	27.75	4.80	-
PK	2.4532G	123.32	Inf	-Inf	32.35	3	Vertical	336	2.25	90.97	27.60	4.75	-
PK	2.4846G	66.30	74.00	-7.70	32.55	3	Vertical	336	2.25	33.75	27.75	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

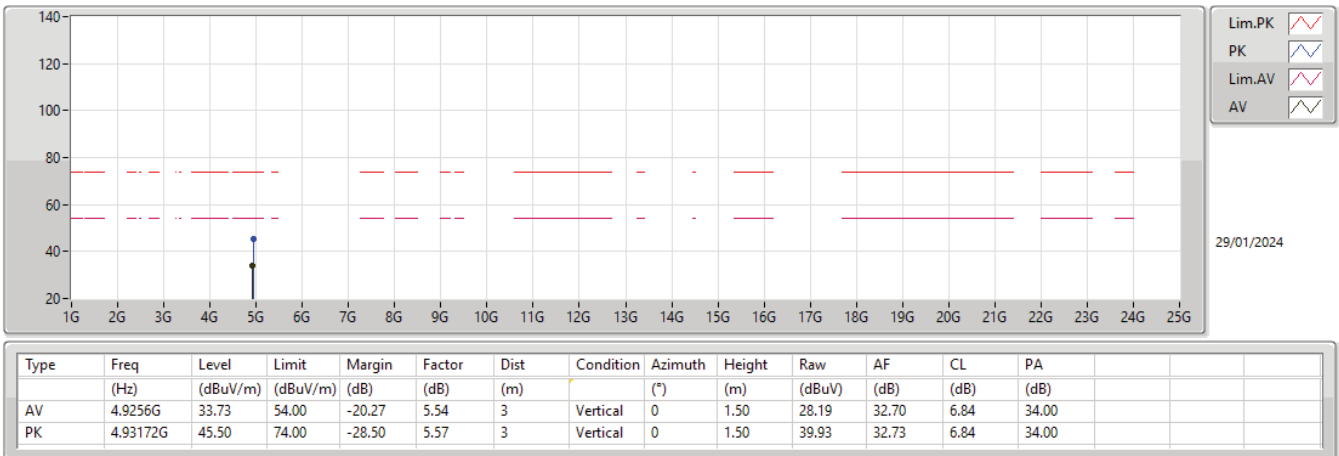
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4586G	108.56	Inf	-Inf	32.36	3	Horizontal	170	2.38	76.20	27.60	4.76	-
AV	2.4835G	52.10	54.00	-1.90	32.54	3	Horizontal	170	2.38	19.56	27.74	4.80	-
PK	2.4586G	121.06	Inf	-Inf	32.36	3	Horizontal	170	2.38	88.70	27.60	4.76	-
PK	2.4844G	68.89	74.00	-5.11	32.54	3	Horizontal	170	2.38	36.35	27.74	4.80	-

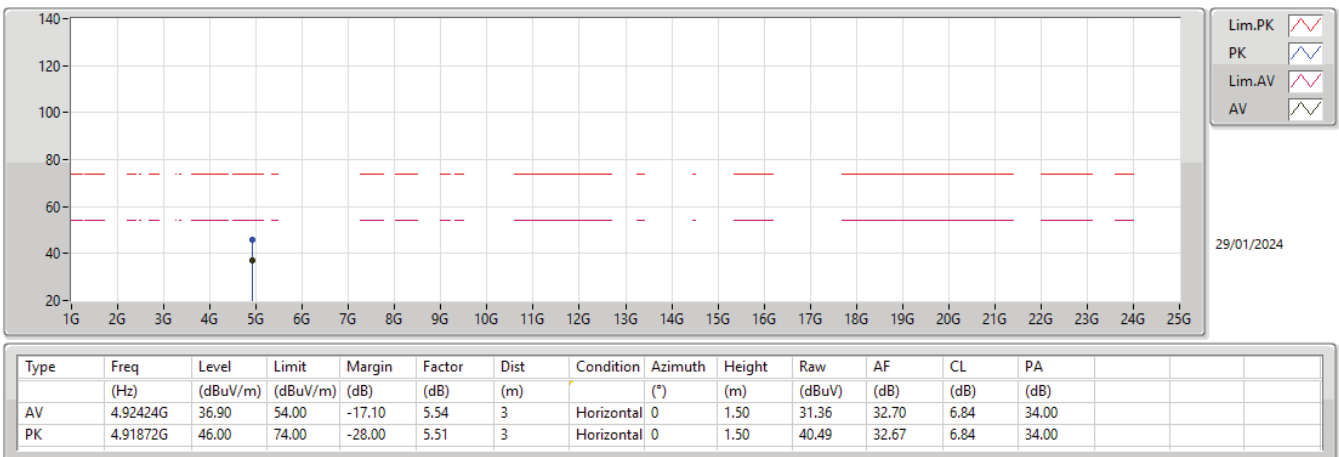
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2462MHz_TX



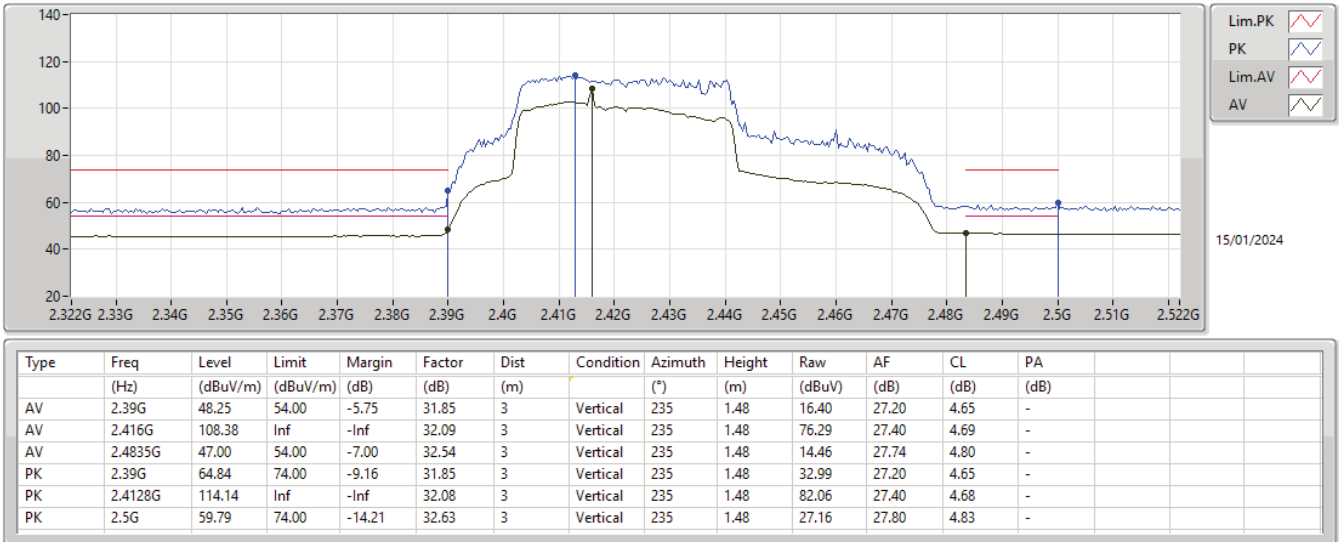
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2462MHz_TX



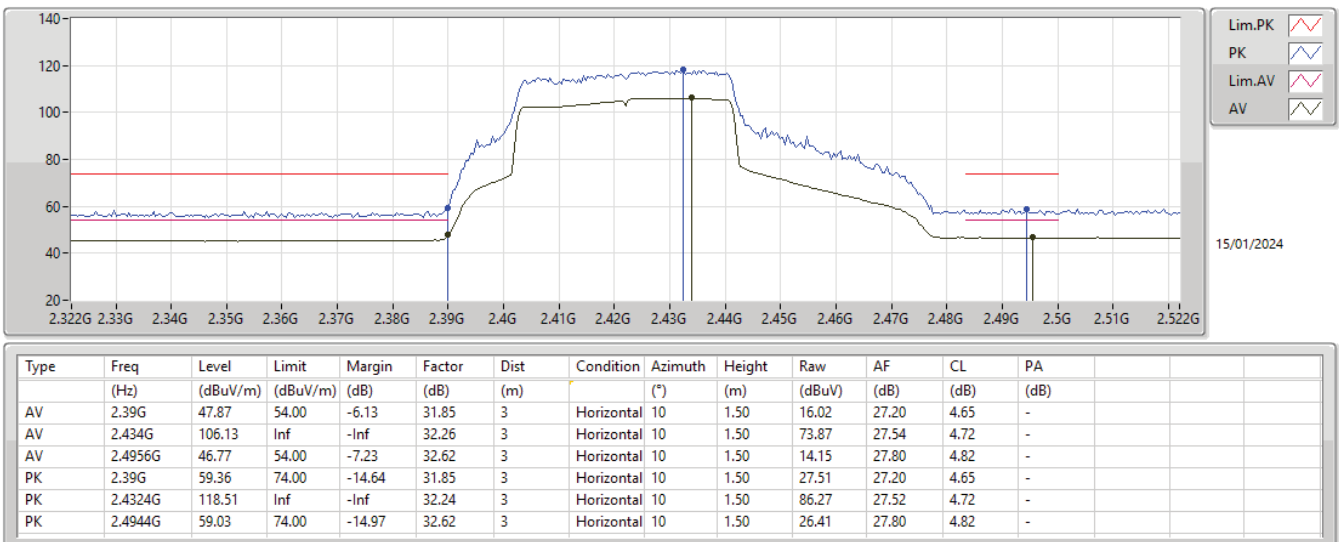
2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX



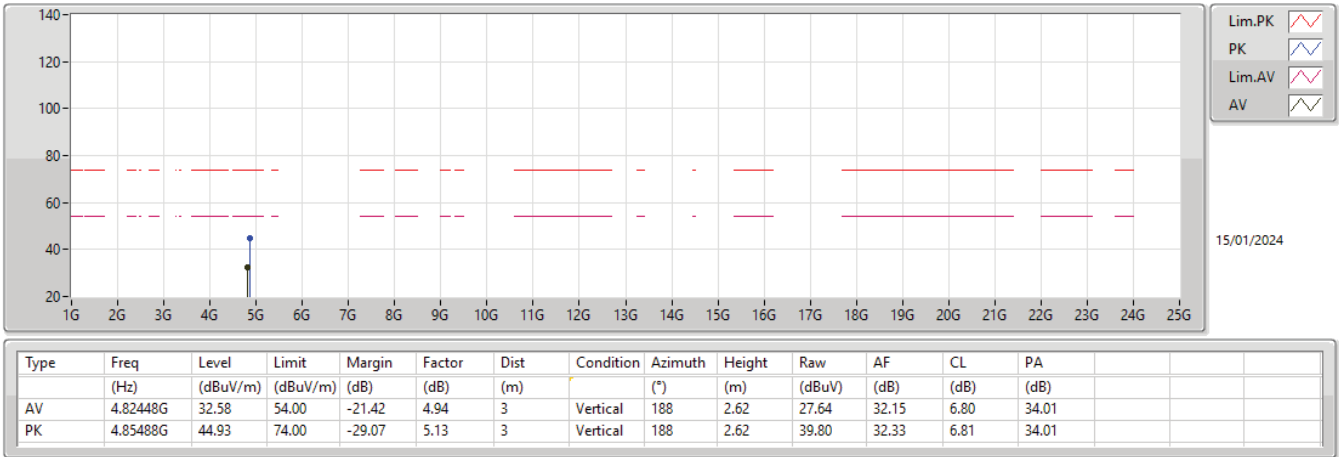
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2422MHz_TX



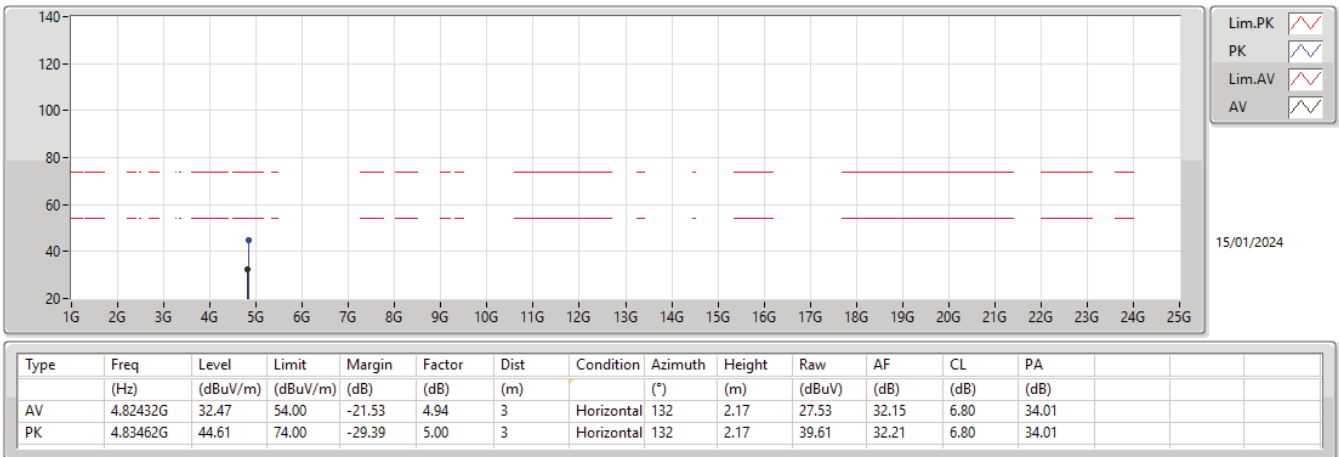
2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2422MHz_TX



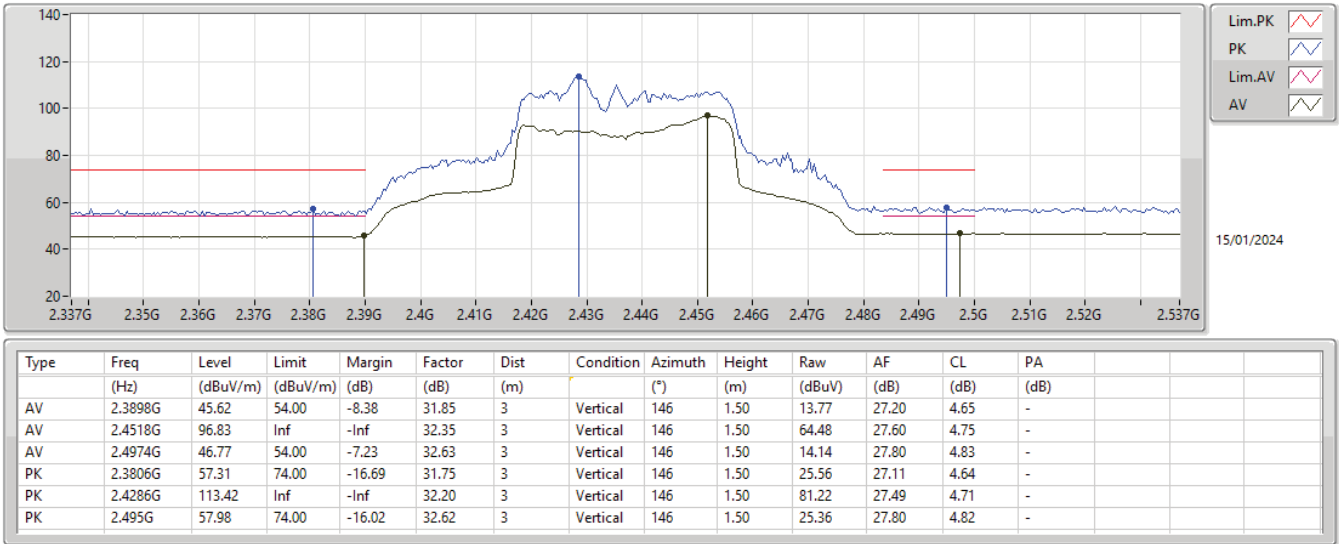
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2422MHz_TX



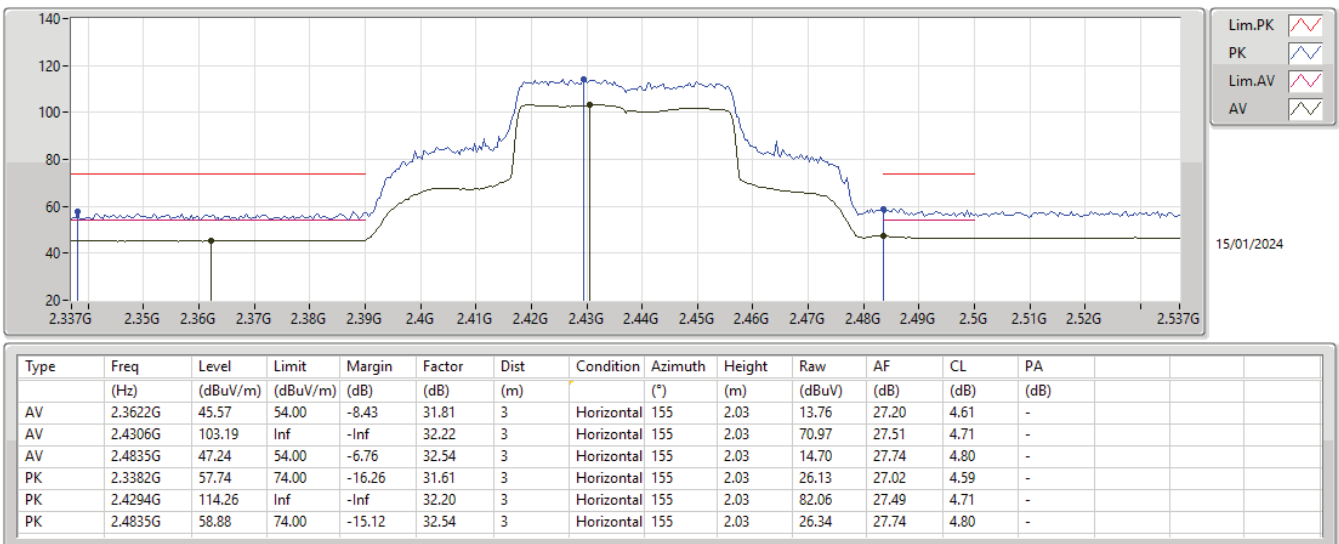
2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2437MHz_TX



2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

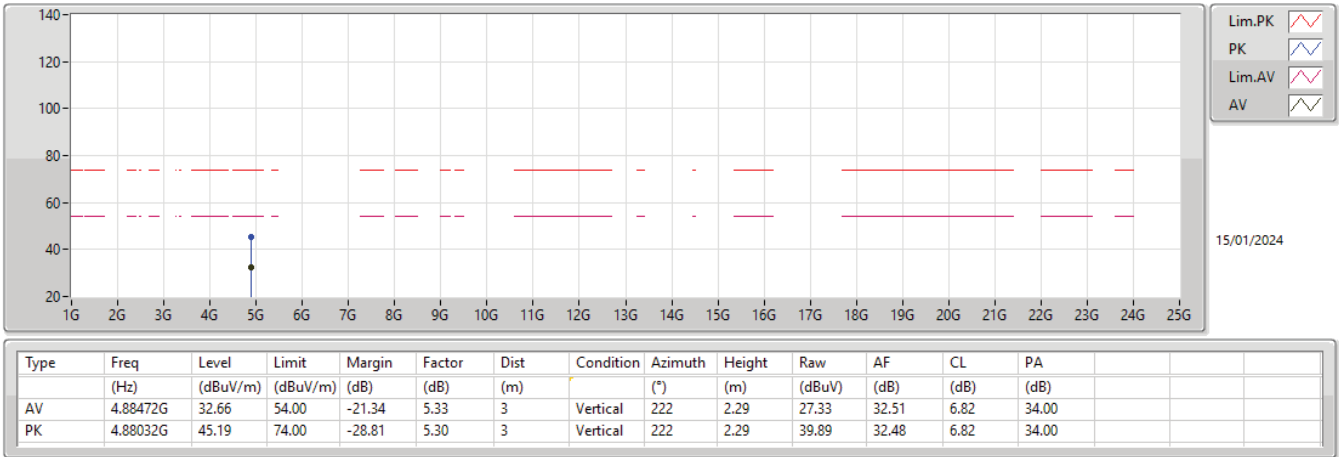
2437MHz_TX





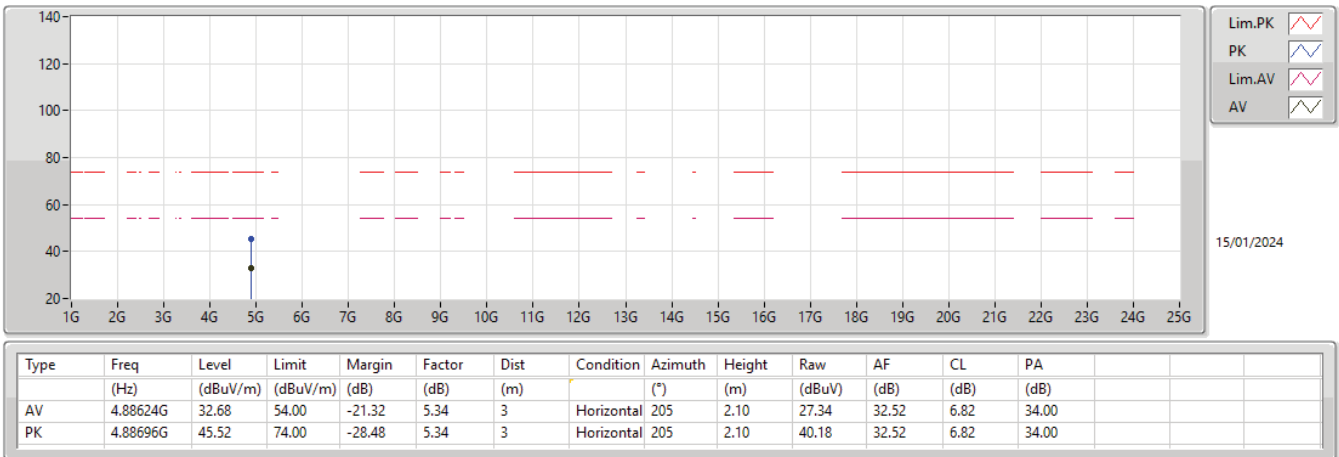
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2437MHz_TX



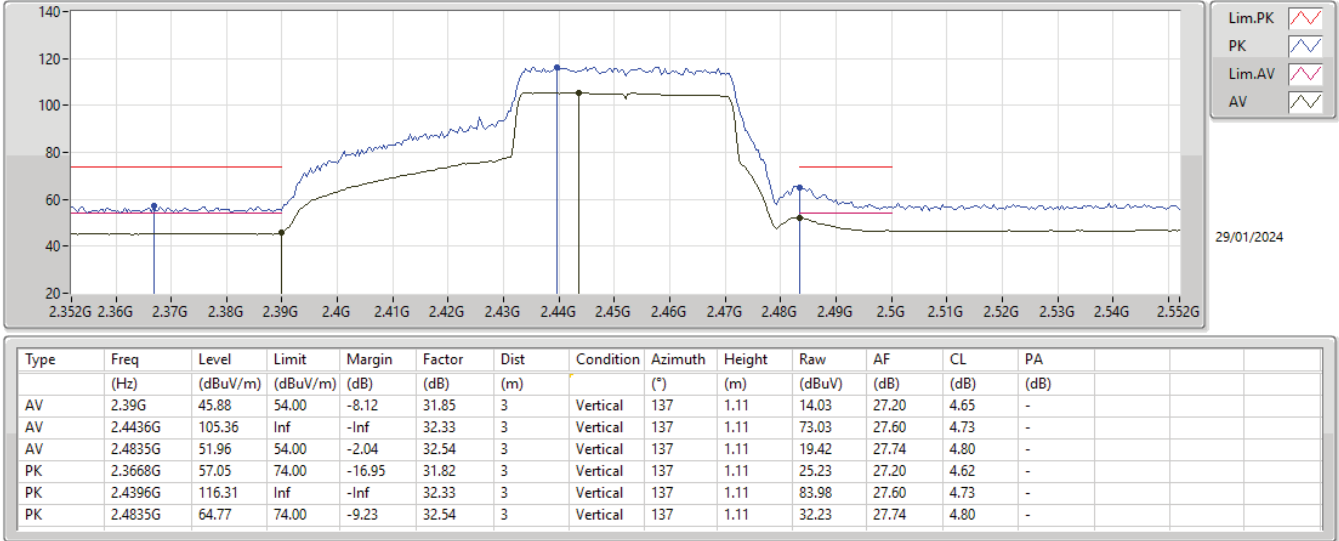
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2437MHz_TX



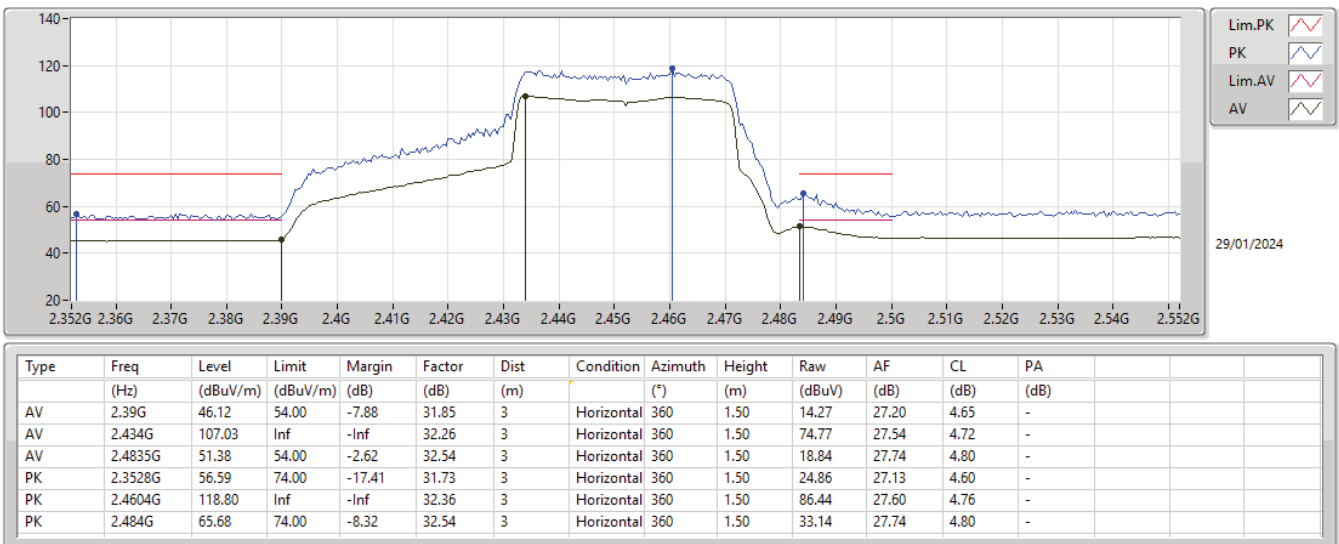
2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

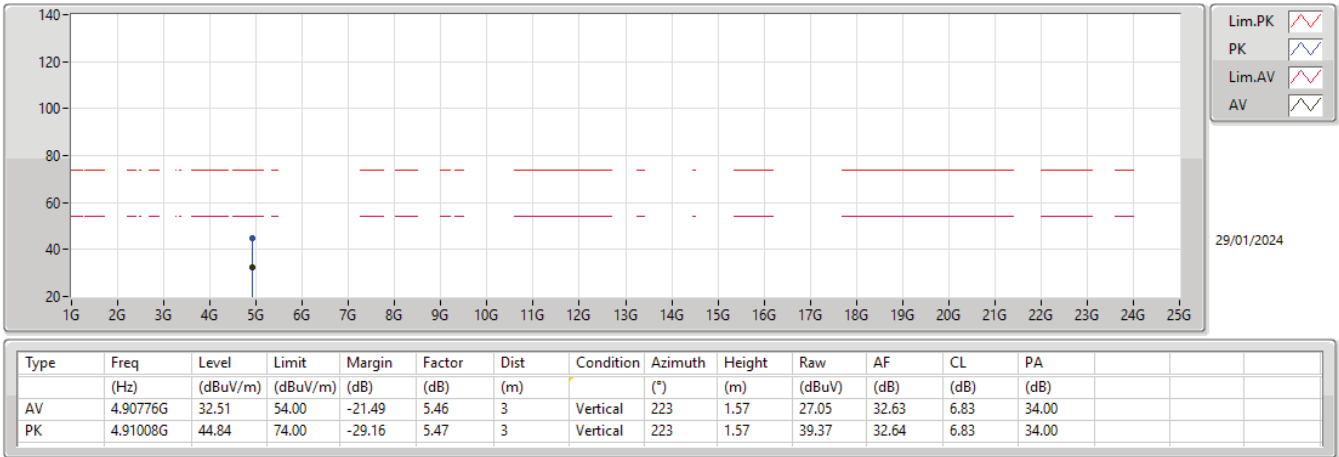
2452MHz_TX





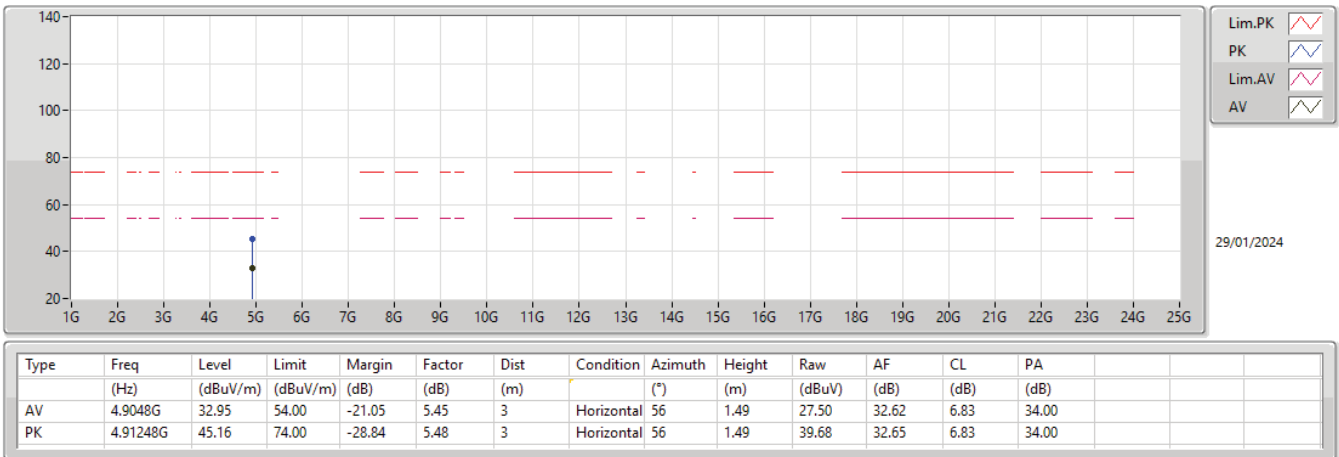
2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

2452MHz_TX





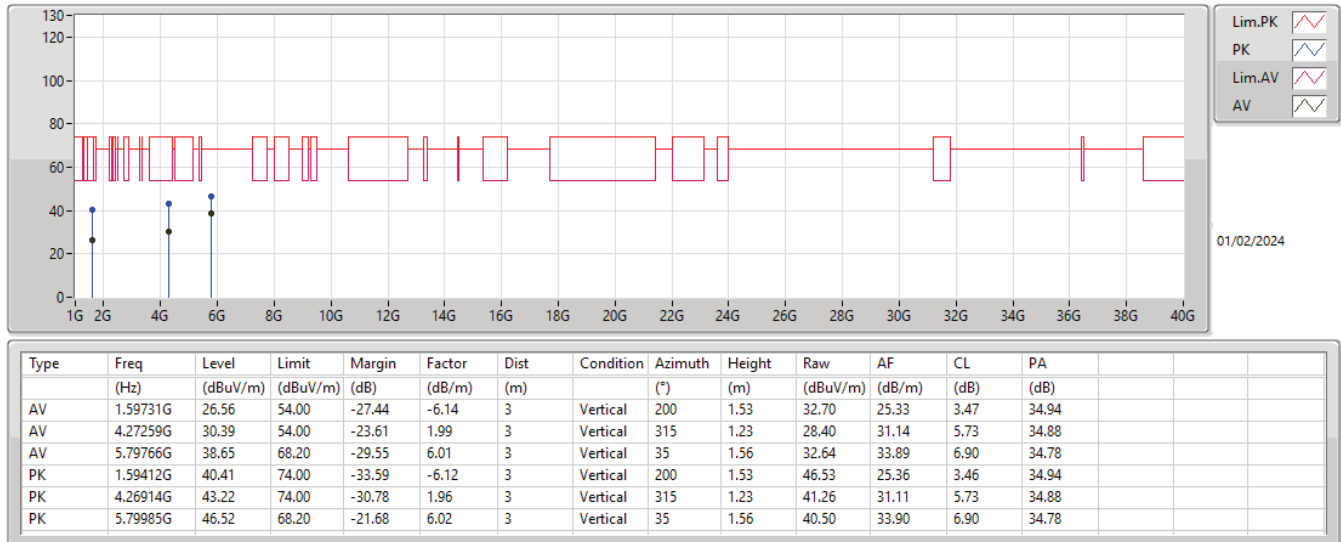
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	5.79985G	46.52	68.20	-21.68	Vertical
Mode 2	Pass	PK	5.79336G	50.67	68.20	-17.53	Vertical
Mode 3	Pass	AV	4.9867G	34.12	54.00	-19.88	Horizontal
Mode 4	Pass	AV	1.59628G	27.45	54.00	-26.55	Horizontal

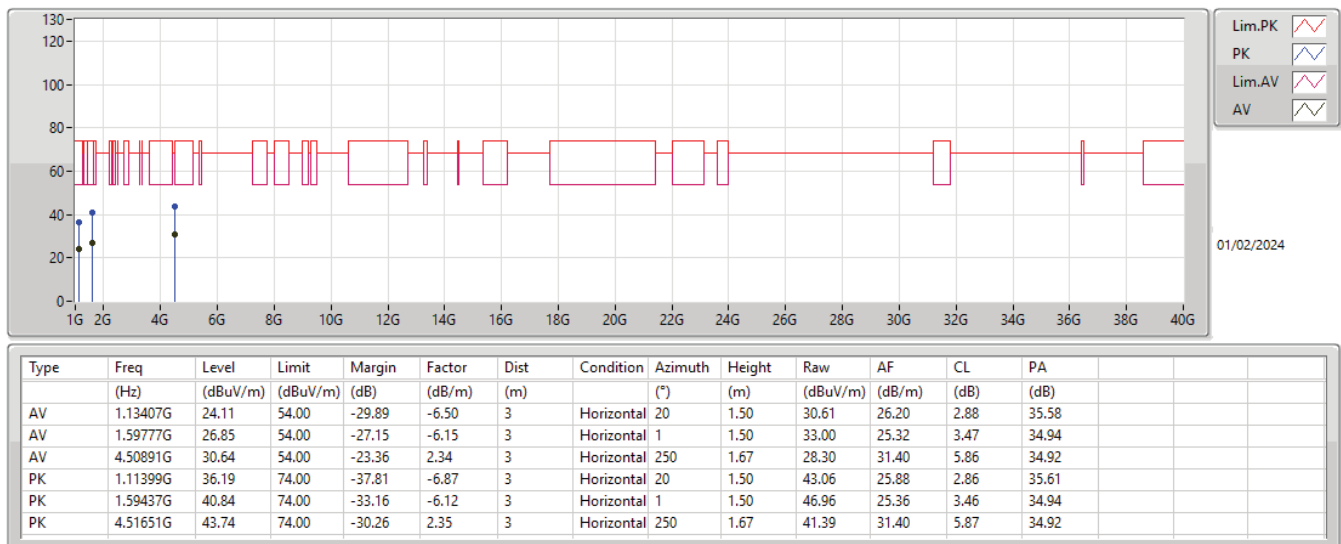
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.59731G	26.56	54.00	-27.44	3	Vertical	200	1.53	-
Mode 1	Pass	AV	4.27259G	30.39	54.00	-23.61	3	Vertical	315	1.23	-
Mode 1	Pass	AV	5.79766G	38.65	68.20	-29.55	3	Vertical	35	1.56	-
Mode 1	Pass	PK	1.59412G	40.41	74.00	-33.59	3	Vertical	200	1.53	-
Mode 1	Pass	PK	4.26914G	43.22	74.00	-30.78	3	Vertical	315	1.23	-
Mode 1	Pass	PK	5.79985G	46.52	68.20	-21.68	3	Vertical	35	1.56	-
Mode 1	Pass	AV	1.13407G	24.11	54.00	-29.89	3	Horizontal	20	1.50	-
Mode 1	Pass	AV	1.59777G	26.85	54.00	-27.15	3	Horizontal	1	1.50	-
Mode 1	Pass	AV	4.50891G	30.64	54.00	-23.36	3	Horizontal	250	1.67	-
Mode 1	Pass	PK	1.11399G	36.19	74.00	-37.81	3	Horizontal	20	1.50	-
Mode 1	Pass	PK	1.59437G	40.84	74.00	-33.16	3	Horizontal	1	1.50	-
Mode 1	Pass	PK	4.51651G	43.74	74.00	-30.26	3	Horizontal	250	1.67	-
Mode 2	Pass	AV	1.59725G	27.19	54.00	-26.81	3	Vertical	221	1.50	-
Mode 2	Pass	AV	3.52G	30.56	68.20	-37.64	3	Vertical	149	2.80	-
Mode 2	Pass	AV	5.7864G	35.75	68.20	-32.45	3	Vertical	48	2.73	-
Mode 2	Pass	PK	1.59615G	41.69	74.00	-32.31	3	Vertical	221	1.50	-
Mode 2	Pass	PK	3.49486G	46.24	68.20	-21.96	3	Vertical	149	2.80	-
Mode 2	Pass	PK	5.79336G	50.67	68.20	-17.53	3	Vertical	48	2.73	-
Mode 2	Pass	AV	1.59772G	27.14	54.00	-26.86	3	Horizontal	354	1.32	-
Mode 2	Pass	AV	3.50844G	30.28	68.20	-37.92	3	Horizontal	48	1.50	-
Mode 2	Pass	AV	5.83578G	35.51	68.20	-32.69	3	Horizontal	10	1.07	-
Mode 2	Pass	PK	1.5943G	40.88	74.00	-33.12	3	Horizontal	354	1.32	-
Mode 2	Pass	PK	3.4869G	49.20	68.20	-19.00	3	Horizontal	48	1.50	-
Mode 2	Pass	PK	5.83242G	47.72	68.20	-20.48	3	Horizontal	10	1.07	-
Mode 3	Pass	AV	1.59494G	26.37	54.00	-27.63	3	Vertical	185	1.50	-
Mode 3	Pass	AV	3.24866G	30.99	68.20	-37.21	3	Vertical	26	2.43	-
Mode 3	Pass	AV	5.17222G	34.43	68.20	-33.77	3	Vertical	252	2.39	-
Mode 3	Pass	PK	1.59758G	39.90	74.00	-34.10	3	Vertical	185	1.50	-
Mode 3	Pass	PK	3.24542G	43.38	88.20	-44.82	3	Vertical	26	2.43	-
Mode 3	Pass	PK	5.16898G	46.34	88.20	-41.86	3	Vertical	252	2.39	-
Mode 3	Pass	AV	1.59736G	28.56	54.00	-25.44	3	Horizontal	353	1.50	-
Mode 3	Pass	AV	3.7252G	31.51	54.00	-22.49	3	Horizontal	124	1.21	-
Mode 3	Pass	AV	4.9867G	34.12	54.00	-19.88	3	Horizontal	73	1.46	-
Mode 3	Pass	PK	1.59712G	41.65	74.00	-32.35	3	Horizontal	353	1.50	-
Mode 3	Pass	PK	3.71488G	43.53	74.00	-30.47	3	Horizontal	124	1.21	-
Mode 3	Pass	PK	4.99624G	46.87	74.00	-27.13	3	Horizontal	73	1.46	-
Mode 4	Pass	AV	1.59763G	27.26	54.00	-26.74	3	Vertical	220	1.27	-
Mode 4	Pass	AV	2.50491G	32.01	68.20	-36.19	3	Vertical	290	1.96	-
Mode 4	Pass	AV	5.80438G	33.41	68.20	-34.79	3	Vertical	284	1.49	-
Mode 4	Pass	PK	1.59645G	43.66	74.00	-30.34	3	Vertical	220	1.27	-
Mode 4	Pass	PK	2.51432G	52.52	88.20	-35.68	3	Vertical	290	1.96	-
Mode 4	Pass	PK	5.79535G	46.41	88.20	-41.79	3	Vertical	284	1.49	-
Mode 4	Pass	AV	1.59628G	27.45	54.00	-26.55	3	Horizontal	335	2.26	-
Mode 4	Pass	AV	4.45454G	31.17	68.20	-37.03	3	Horizontal	15	1.50	-
Mode 4	Pass	AV	5.89774G	34.20	68.20	-34.00	3	Horizontal	360	1.50	-
Mode 4	Pass	PK	1.5994G	45.56	74.00	-28.44	3	Horizontal	335	2.26	-
Mode 4	Pass	PK	4.43234G	44.02	88.20	-44.18	3	Horizontal	15	1.50	-
Mode 4	Pass	PK	5.90392G	46.87	88.20	-41.33	3	Horizontal	360	1.50	-

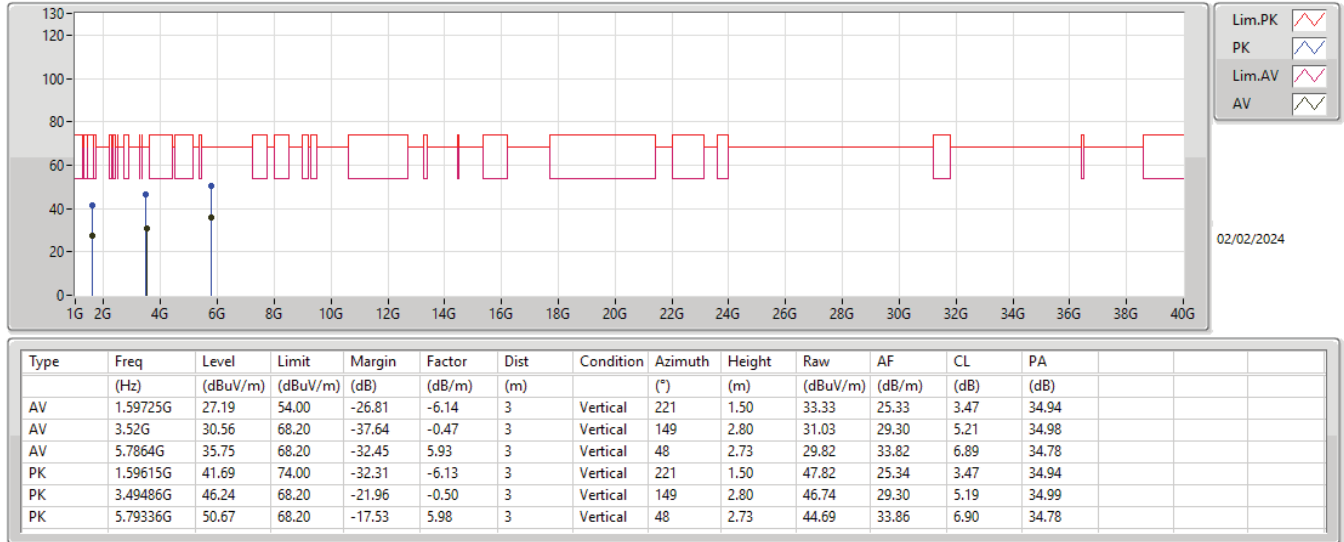
Radiated Emissions above 1GHz_Mode 1



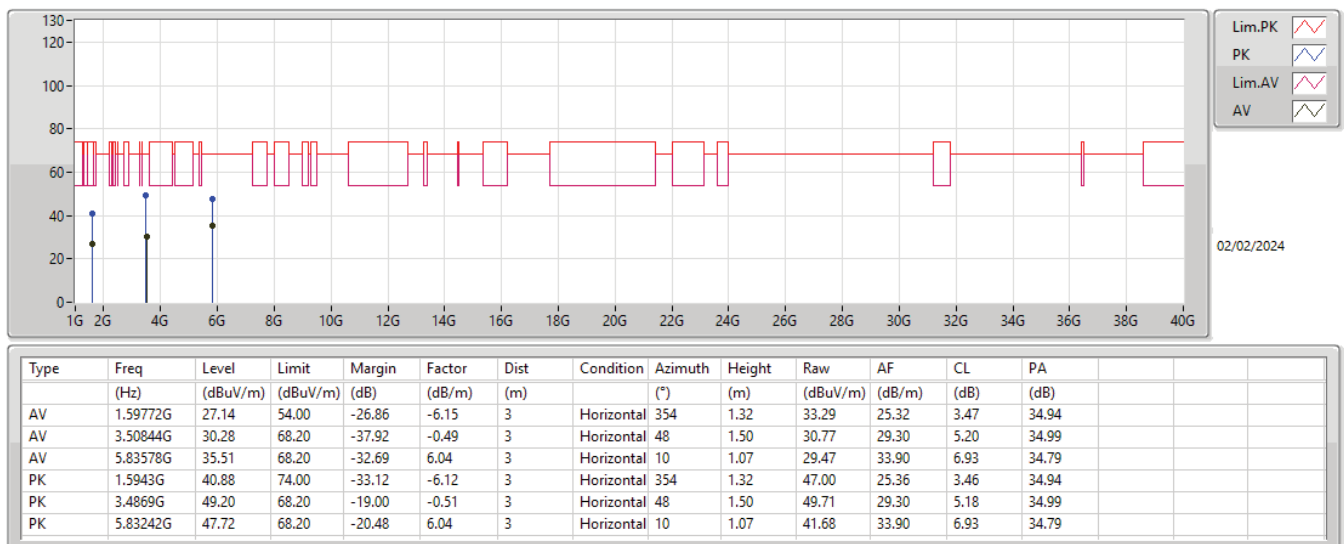
Radiated Emissions above 1GHz_Mode 1



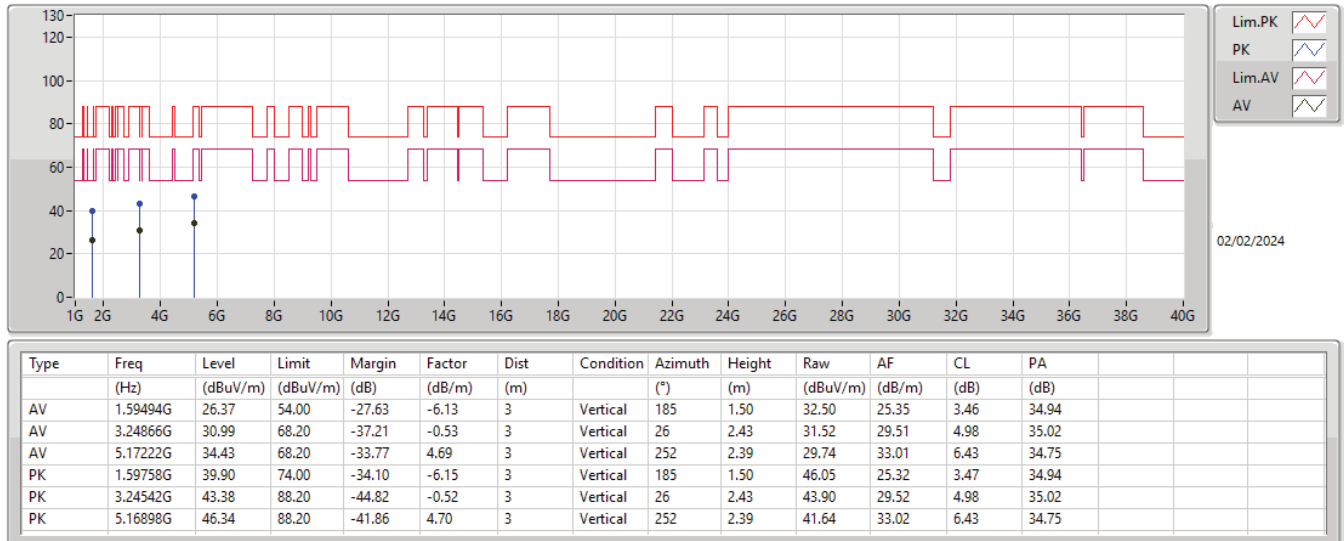
Radiated Emissions above 1GHz_Mode 2



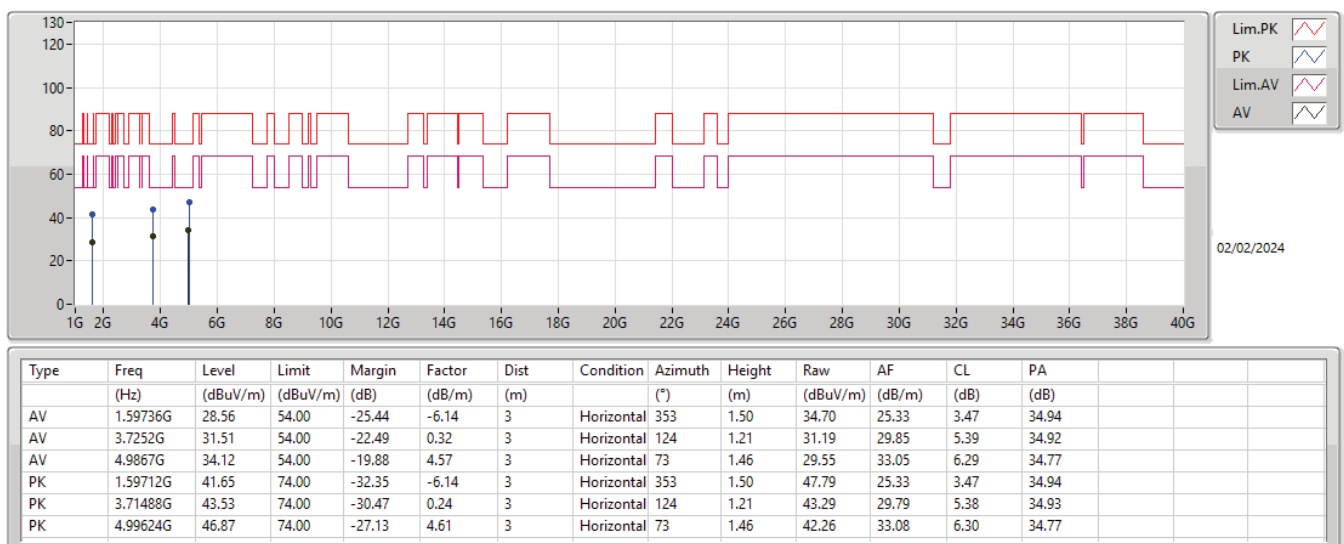
Radiated Emissions above 1GHz_Mode 2



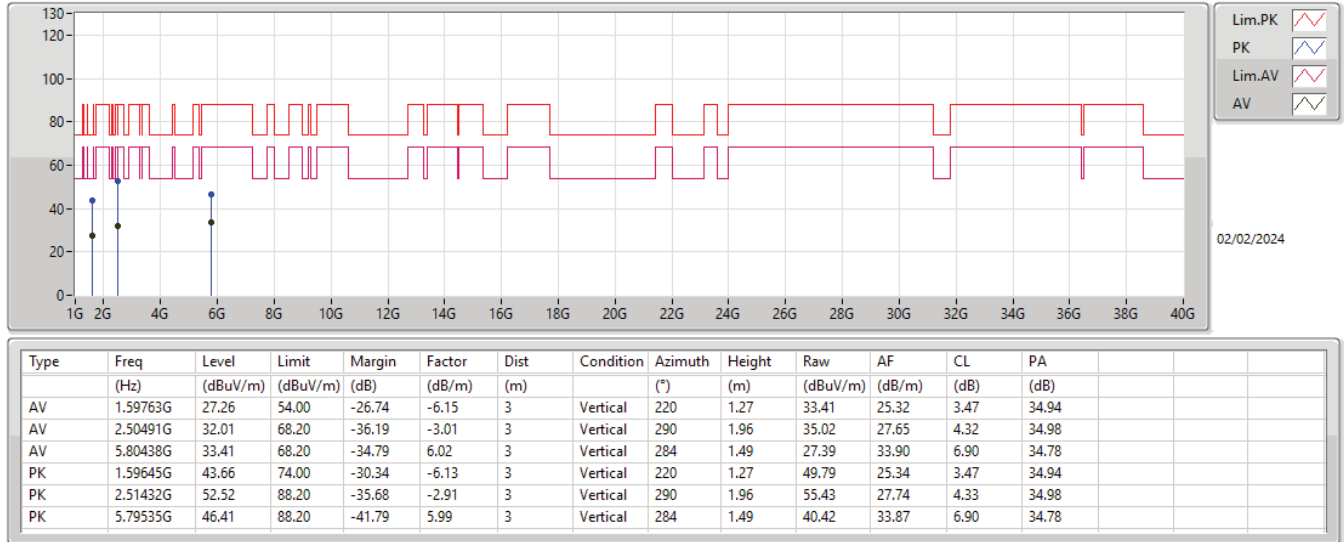
Radiated Emissions above 1GHz_Mode 3



Radiated Emissions above 1GHz_Mode 3



Radiated Emissions above 1GHz_Mode 4



Radiated Emissions above 1GHz_Mode 4

