

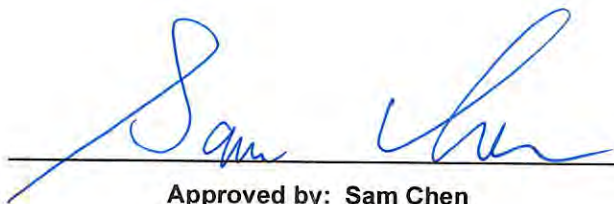


RADIO TEST REPORT

FCC ID : Z8H89FT0085
Equipment : X7-35X Indoor Wi-Fi 7 2x2 Access Point
Brand Name : Cambium Networks
Model Name : X7-35X
Applicant : Cambium Networks Inc.
3800 Golf Road Suite 360 Rolling Meadows IL
United States 60008
Manufacturer : Cambium Networks Inc.
3800 Golf Road Suite 360 Rolling Meadows IL
United States 60008
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 24, 2023, and testing was started from Dec. 08, 2023 and completed on Feb. 27, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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Photographs of EUT v01



History of this test report

Report No.	Version	Description	Issued Date
FR3N2319AA	01	Initial issue of report	Mar. 12, 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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/matrix manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: **Sam Chen**

Report Producer: **Cathy Chiu**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20), be (EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40), be (EHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX



Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM 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.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz /5GHz	6GHz	Bluetooth/ Zigbee					
1	2	-	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	Note 1
2	1	-	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
3	-	2	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
4	-	1	-	INPAQ	3010001479GD	PIFA Antenna	I-PEX	
5	-	-	1	INPAQ	3010001479GD	Dipole Antenna	I-PEX	

Note 1:

Ant.	Port			WLAN 2.4GHz (dBi)	WLAN 5GHz (dBi)				WLAN 6GHz (dBi)				Bluetooth/ Zigbee (dBi)
	2.4GHz /5GHz	6GHz	Bluetooth/ Zigbee		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
1	2	-	-	2.35	3.32	3.7	4.67	4.73	-	-	-	-	-
2	1	-	-	2.23	3.5	3.57	5.19	4.82	-	-	-	-	-
3	-	2	-	-	-	-	-	-	5.29	5.95	5.95	5.30	-
4	-	1	-	-	-	-	-	-	5.69	5.80	5.80	5.45	-
5	-	-	1	-	-	-	-	-	-	-	-	-	5.6

Directional Gain (dBi)									
WLAN 2.4GHz		WLAN 5GHz UNII 1		WLAN 5GHz UNII 2A		WLAN 5GHz UNII 2C		WLAN 5GHz UNII 3	
2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
5.01	2.35	4.34	3.5	5.36	3.7	6.89	5.19	6.2	4.82

Note 2: The above information (excepting WLAN 2.4GHz/5GHz gain) was declared by manufacturer.

Note 3: The WLAN 5GHz UNII2A~2C and WLAN 6GHz function of EUT was not enabled at this time.



<For 2.4GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For Bluetooth/Zigbee function> (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

Port 1 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.845	0.73	690u	3k
802.11g	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20-BF	0.958	0.19	2.96m	1k
802.11be EHT40	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF	0.96	0.18	3.676m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for 802.11n/VHT/ax/be in 2.4GHz and 802.11n/ac/ax/be in 5GHz.			
Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input checked="" type="checkbox"/>	Point-to-point
Support RU	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Test Software Version	For Non-beamforming mode: QSPR V5.14.00227.1 For Beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.



1.1.5 Table for EUT supports function

Function	Supports type
AP	Master
Mesh	Master
Slave	Slave without Radar detection

Note1: For above table list, only AP mode was tested and recorded in this test.

Note2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ◆ FCC KDB 558074 D01 v05r02
- ◆ FCC KDB 662911 D03 v01
- ◆ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	KJ Chang	21.3~21.9 / 65~68	Dec. 27, 2023~ Dec. 30, 2023
Radiated (Below 1GHz and Co-location)	03CH05-CB	Gordon Hung	21-22 / 56-59	Dec. 08, 2023~ Feb. 06, 2024
Radiated (Above 1GHz)	03CH01-CB	Gordon Hung	22.4-23.5 / 55-58	Dec. 08, 2023~ Feb. 06, 2024
	03CH02-CB	Gordon Hung	22.7-23.8 / 56-59	Dec. 08, 2023~ Feb. 06, 2024
AC Conduction	CO01-CB	Peter Wu	22~23 / 58~59	Feb. 27, 2024



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
2422MHz
2427MHz
2437MHz
2447MHz
2452MHz

Note:

- ♦ 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.



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	WLAN/Bluetooth (Normal Link), Zigbee (TX, RX)
1	EUT + Zigbee (TX) + PoE
2	EUT + Zigbee (RX) + PoE
3	EUT + Bluetooth + PoE
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed testing at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found below. Thus, the measurement will follow this same test configuration.	
1	EUT in Z axis + WLAN 2.4GHz + PoE
2	EUT in X axis + WLAN 5GHz + PoE
3	EUT in Y axis + Bluetooth + PoE
4	EUT in X axis + Zigbee + PoE
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, and the worst case was found at X axis for Radiated emission above 1GHz test, so it was selected to perform test and its test result was written in the report.	
1	EUT in X axis + WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	CTX
1	Bluetooth + WLAN 2.4GHz + WLAN 5GHz
2	Zigbee + WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA3N2319 for Co-location RF Exposure Evaluation.	

Note: The PoE below is for measurement only, would not be marketed.

The PoE information as below:

Support Unit	Brand Name	Model Number
PoE	Cambium Networks	P060U04

2.3 EUT Operation during Test

For CTX/CRX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting/receiving mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 11 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories
Bracket type 1*1
Bracket type 2*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium Networks	P060U04	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A
C	LAN 2.5G NB	DELL	E6430	N/A
D	2.4G+5G Device	Cambium Networks	X7-35X	N/A
E	2.4G+5G Device NB	DELL	E6430	N/A
F	Zigbee Device	Cambium Networks	X7-35X	N/A
G	Zigbee PoE	H3C	N/A	N/A
H	Zigbee Device NB	DELL	E6430	N/A

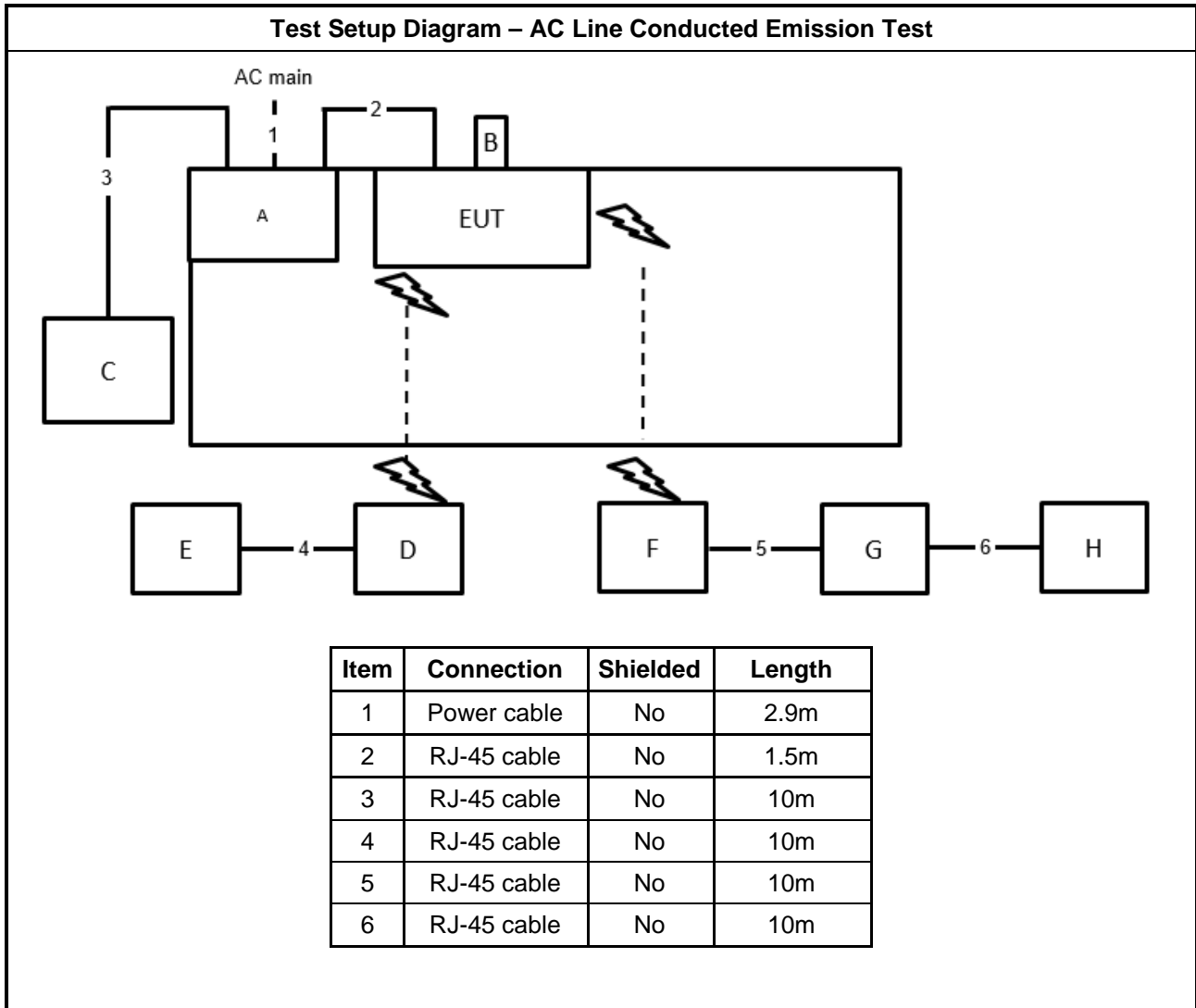
For Radiated (below 1GHz), Radiated (above 1GHz) / Non-beamforming mode and RF Conducted / Non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium Networks	P060U04	N/A

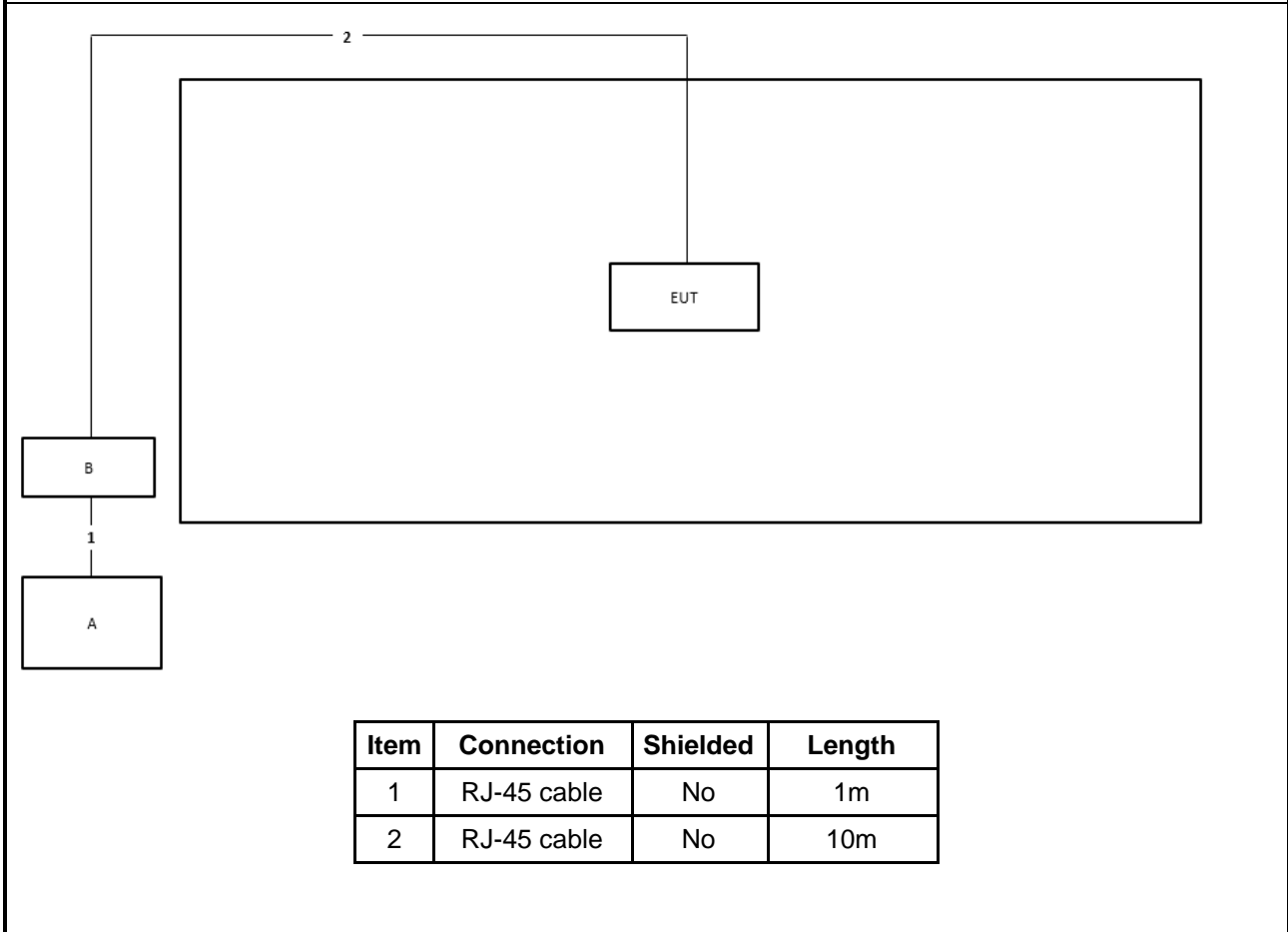
For Radiated (above 1GHz) / Beamforming mode and RF Conducted / Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE	Cambium Networks	P060U04	N/A
C	Device	Cambium Networks	X7-35X	N/A
D	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram

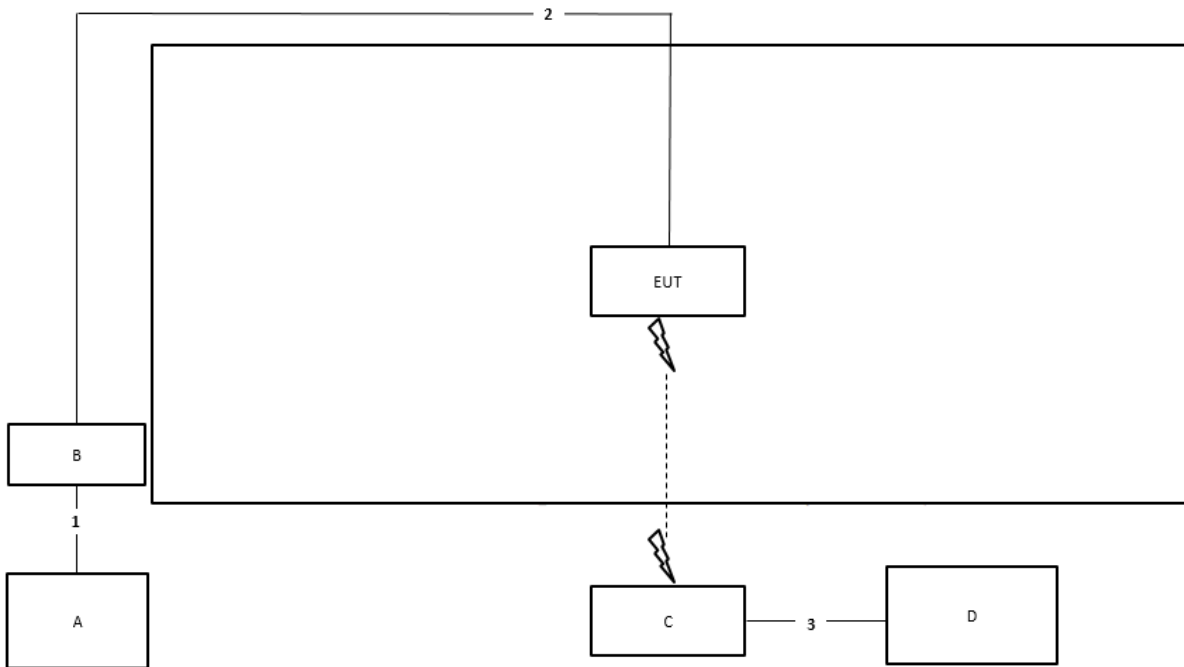


Test Setup Diagram - Radiated Test < 1GHz and Radiated Test > 1GHz / For Non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz / For Beamforming mode



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

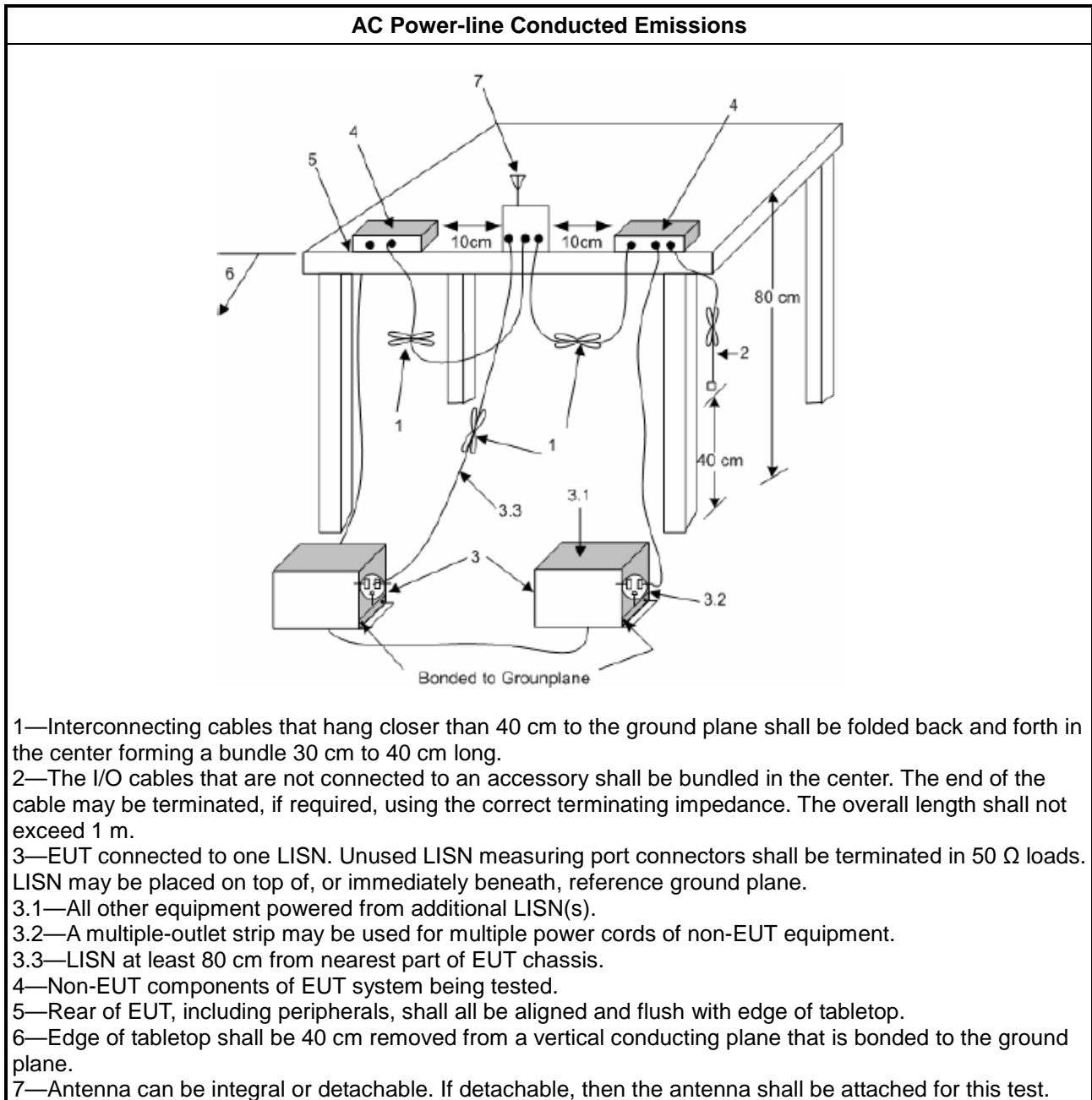
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

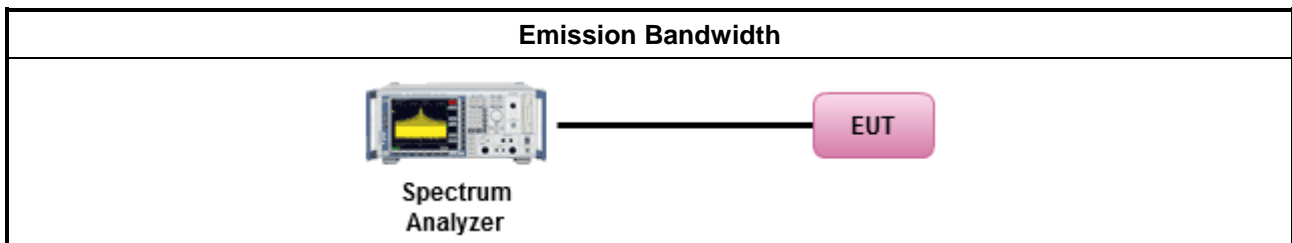
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

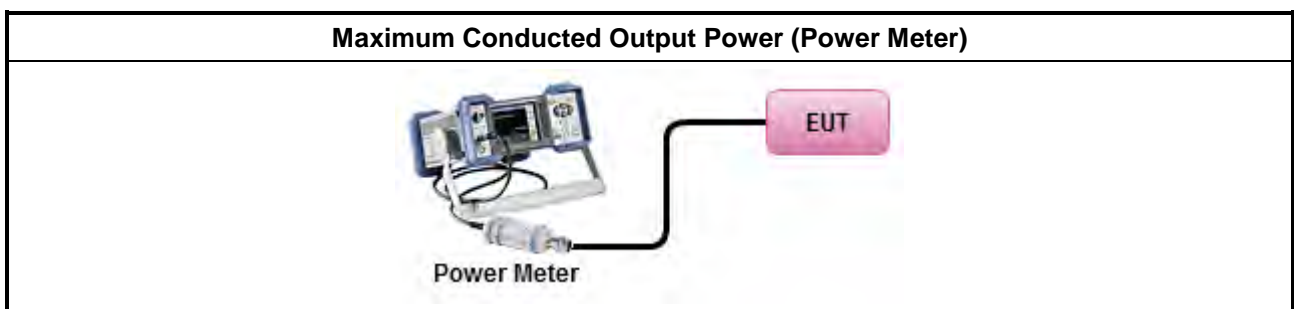
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
<ul style="list-style-type: none"> ▪ Maximum Conducted Output Power 	
[duty cycle ≥ 98% or external video / power trigger]	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
	<input type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
	<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	<ul style="list-style-type: none"> ▪ 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
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

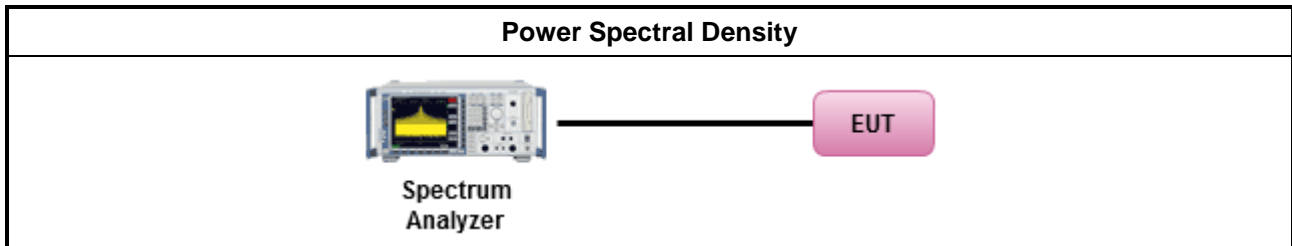
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method			
<ul style="list-style-type: none"> 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). 			
<input checked="" type="checkbox"/> Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.			
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <table border="1"> <tbody> <tr> <td> <input checked="" type="checkbox"/> Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace. </td> </tr> <tr> <td> <input type="checkbox"/> Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits, </td> </tr> <tr> <td> <input type="checkbox"/> Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit. </td> </tr> </tbody> </table> 	<input checked="" type="checkbox"/> Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	<input type="checkbox"/> Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	<input type="checkbox"/> Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
<input checked="" type="checkbox"/> Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.			
<input type="checkbox"/> Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,			
<input type="checkbox"/> Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.			

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

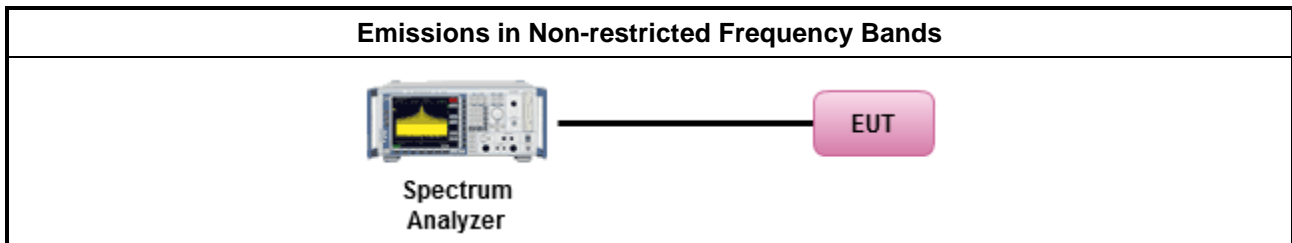
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

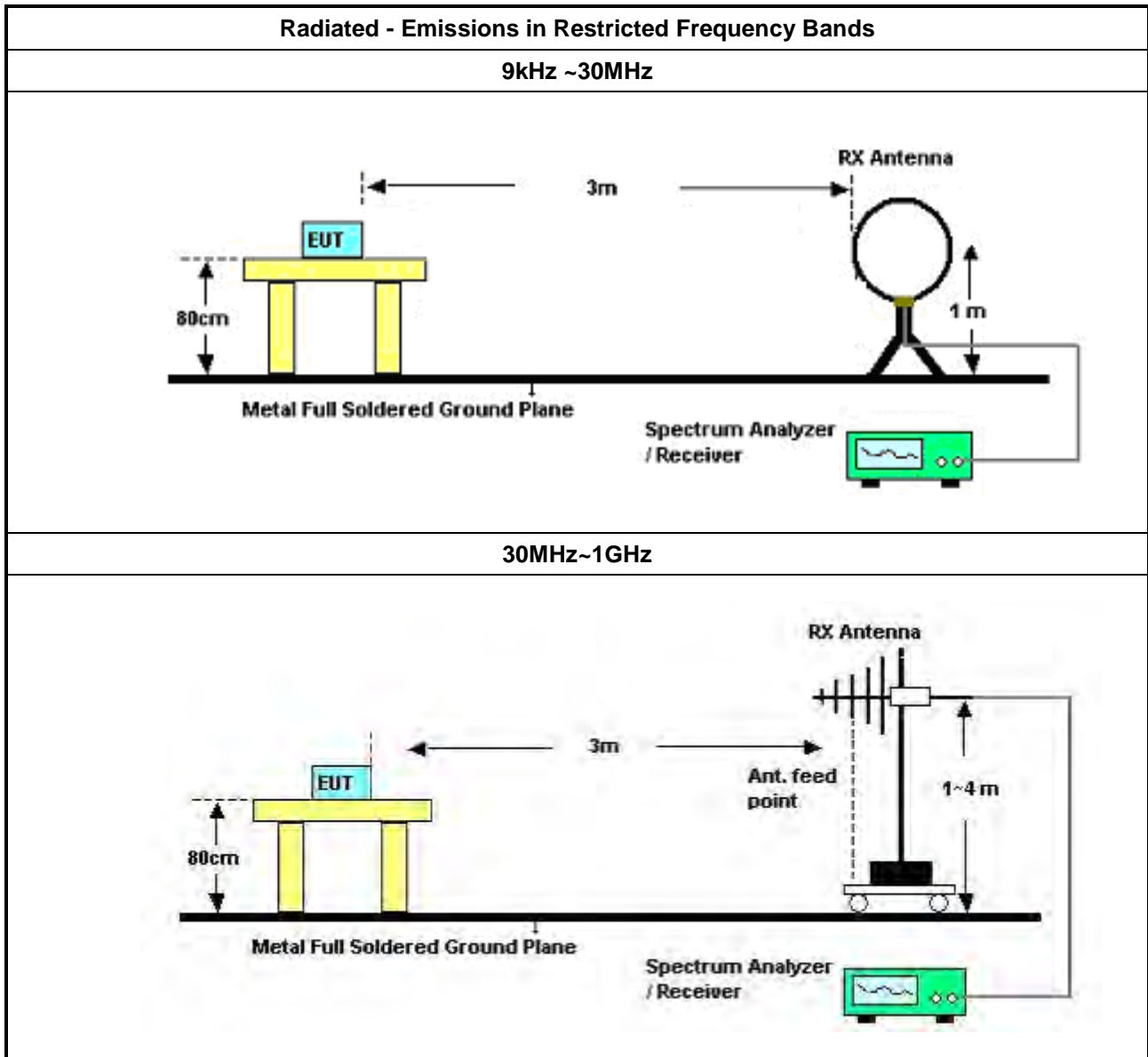
Refer a test equipment and calibration data table in this test report.

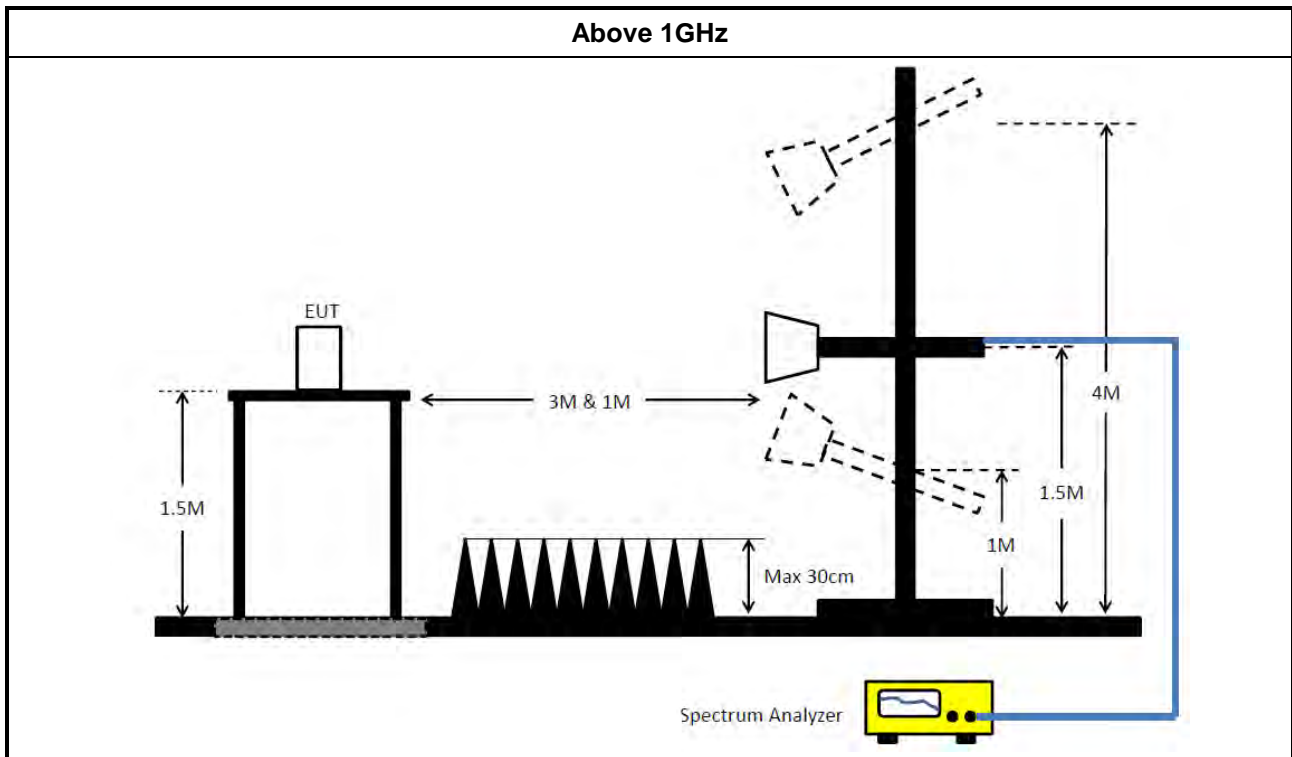


3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle \geq 98%).
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW \geq 1/T).
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW \geq 1/T, where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	<ul style="list-style-type: none"> ▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	<ul style="list-style-type: none"> ▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120 D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 08, 2023	Jun. 07, 2024	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630 SE	980287	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Oct. 30, 2023	Oct. 29, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)



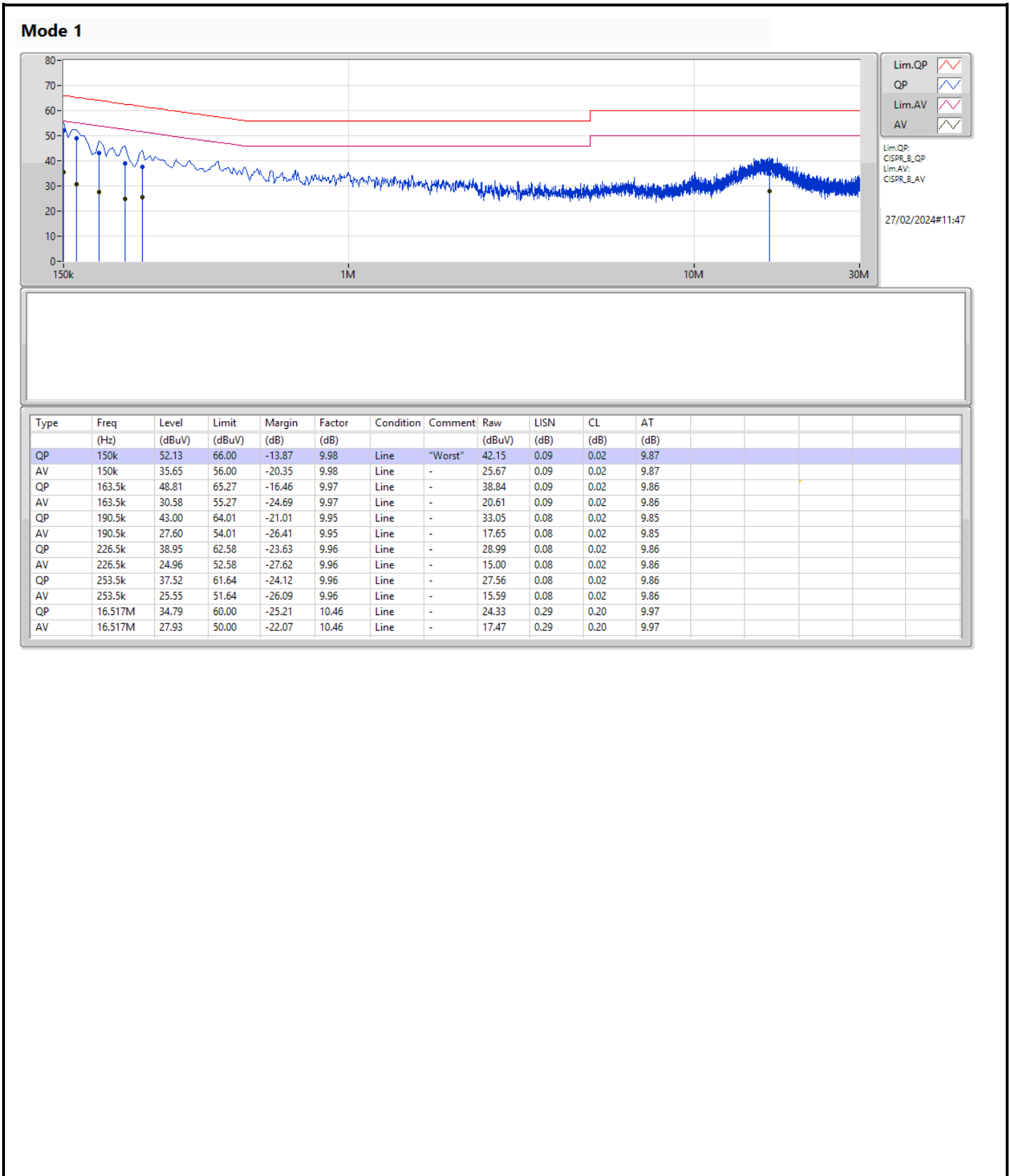
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 22, 2023	Feb. 21, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

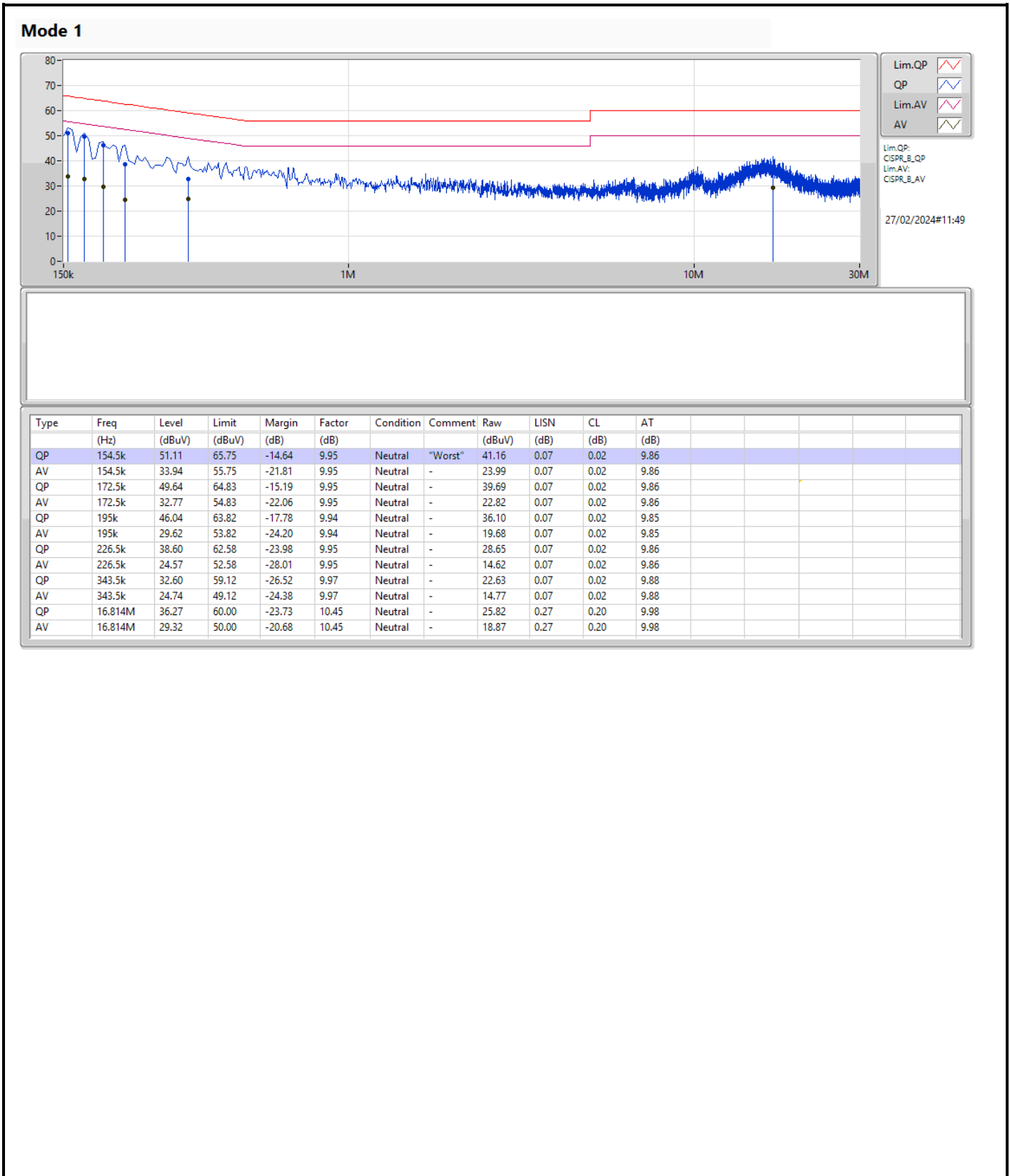
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	52.13	66.00	-13.87	Line







Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.55M	13.615M	13M6G1D	5.425M	12.772M
802.11g_Nss1,(6Mbps)_2TX	15.7M	16.611M	16M6D1D	12.925M	16.469M
802.11be EHT20_Nss1,(MCS0)_2TX	19.075M	19.029M	19M0D1D	10.3M	18.76M
802.11be EHT40_Nss1,(MCS0)_2TX	37.85M	37.879M	37M9D1D	32.8M	37.286M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.75M	13.388M	6.35M	13.615M
2437MHz	Pass	500k	7.8M	13.255M	8.55M	12.772M
2462MHz	Pass	500k	8.075M	13.345M	5.425M	13.52M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.469M	12.925M	16.558M
2437MHz	Pass	500k	15.325M	16.543M	14.475M	16.611M
2462MHz	Pass	500k	15.225M	16.548M	14.725M	16.471M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.4M	18.811M	19.075M	19.029M
2437MHz	Pass	500k	19M	18.928M	10.3M	18.796M
2462MHz	Pass	500k	18.25M	18.951M	11.375M	18.76M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.9M	37.722M	37.85M	37.593M
2437MHz	Pass	500k	32.8M	37.518M	37.45M	37.868M
2452MHz	Pass	500k	37.65M	37.879M	36.15M	37.286M

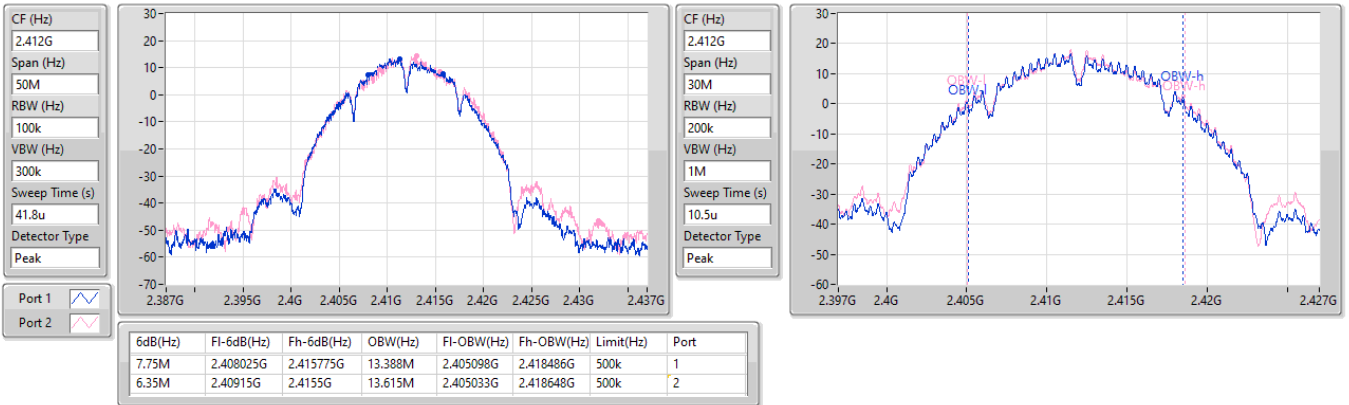
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

28/12/2023

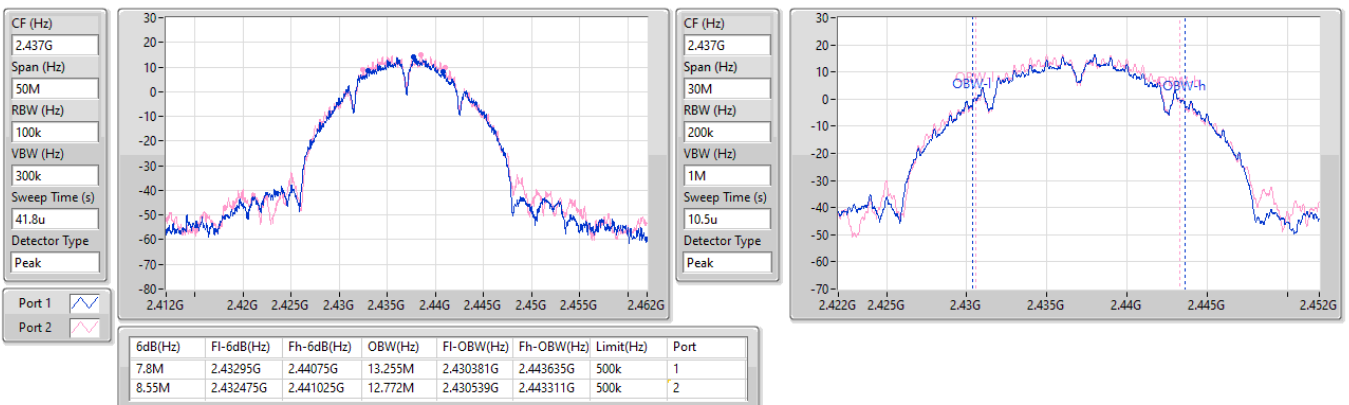


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

28/12/2023

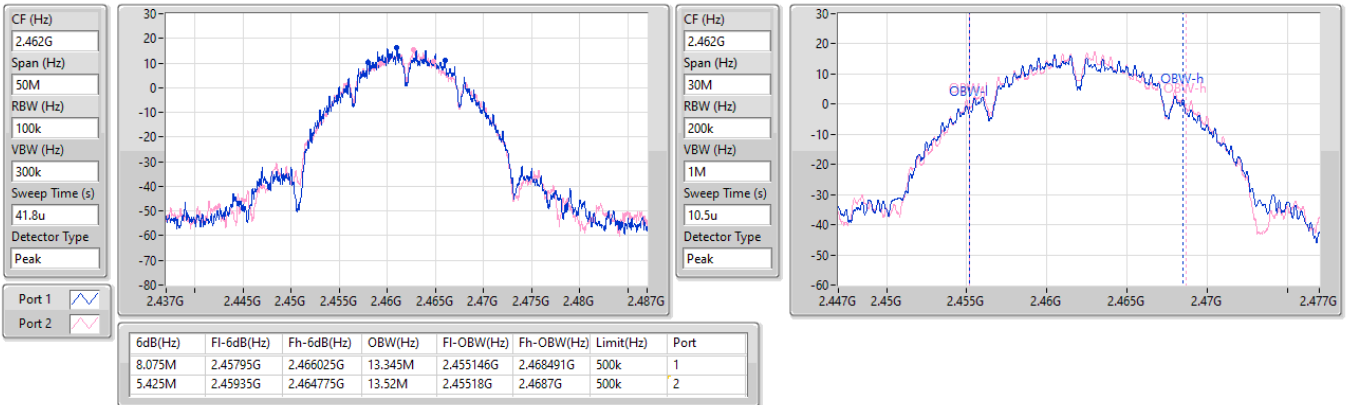


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

28/12/2023

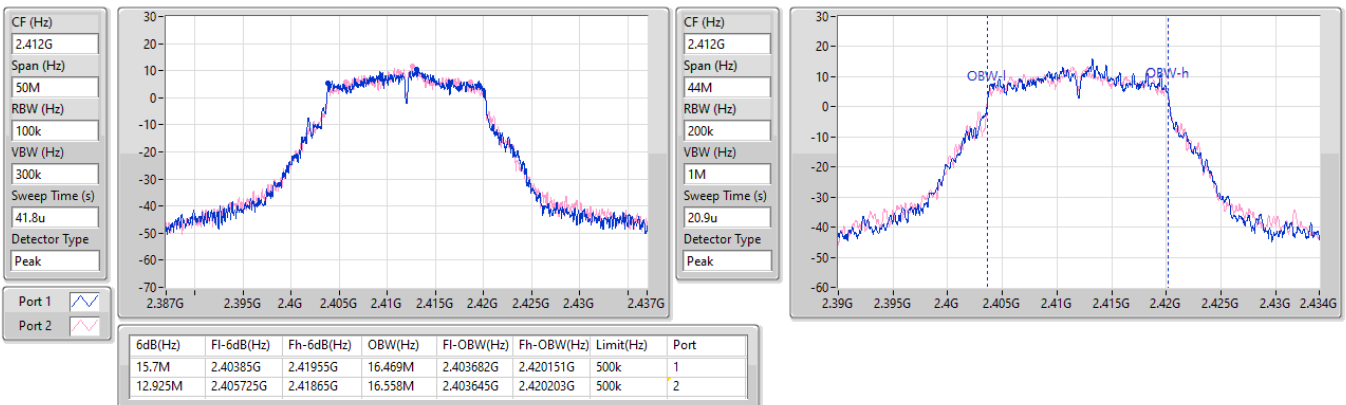


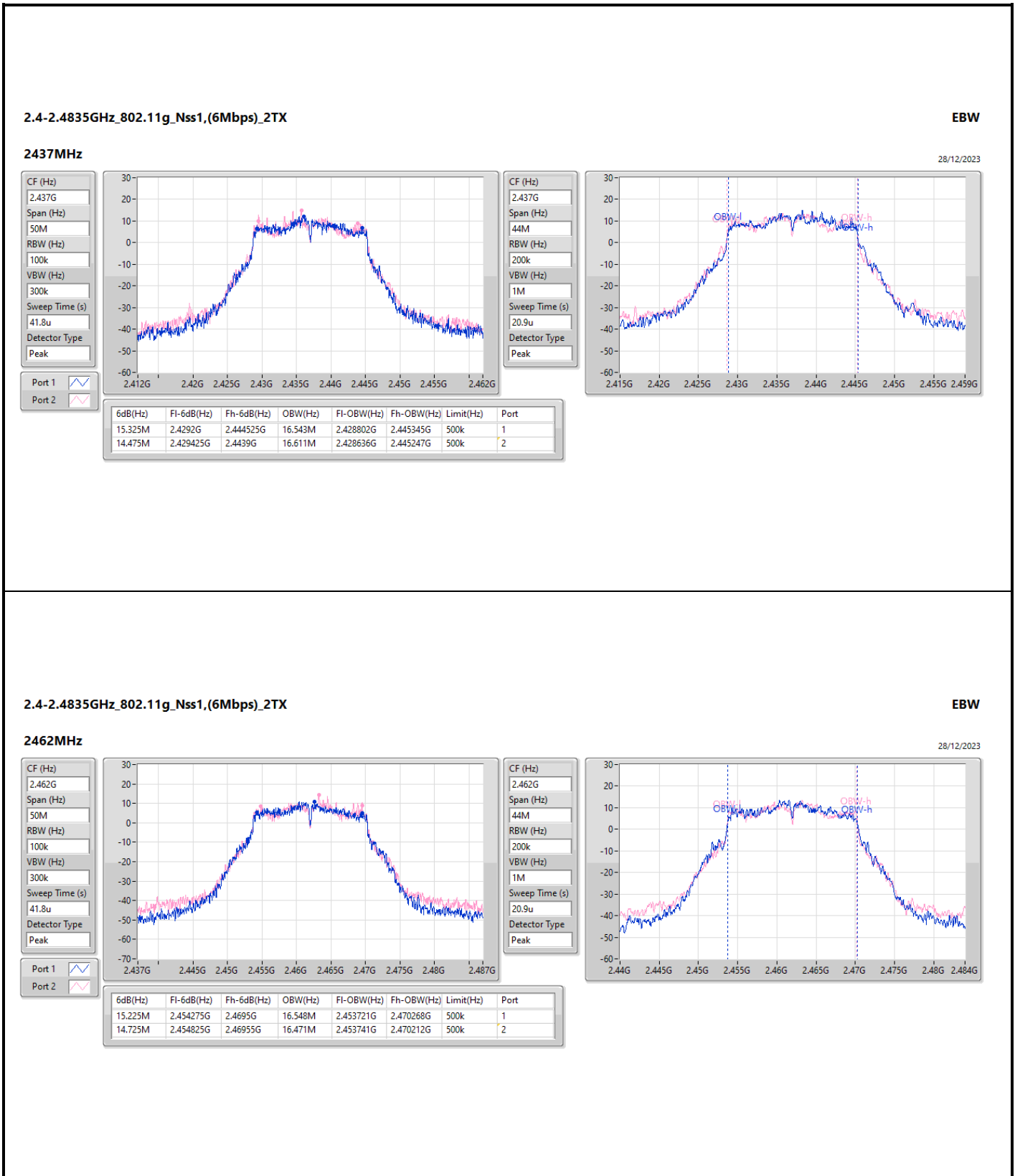
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

28/12/2023



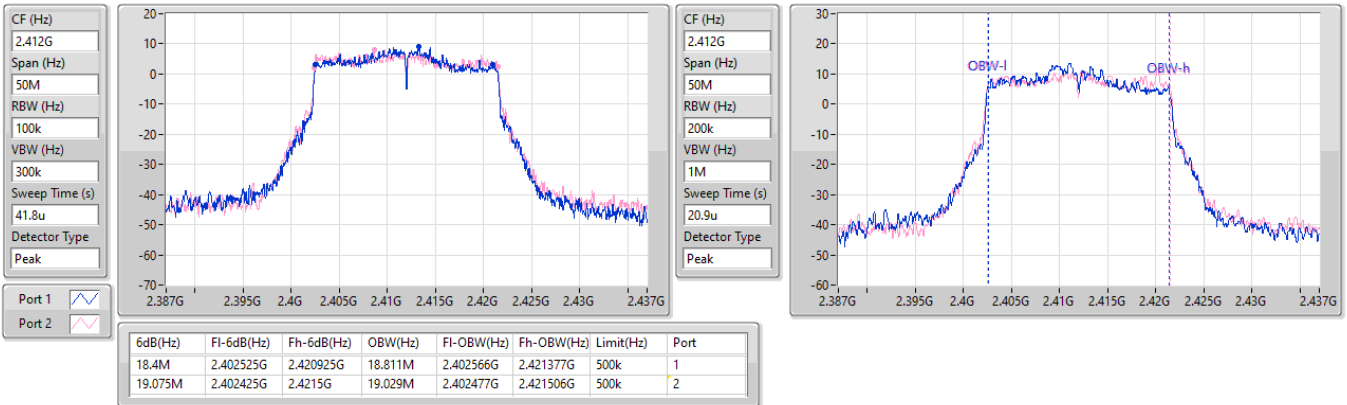


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

28/12/2023

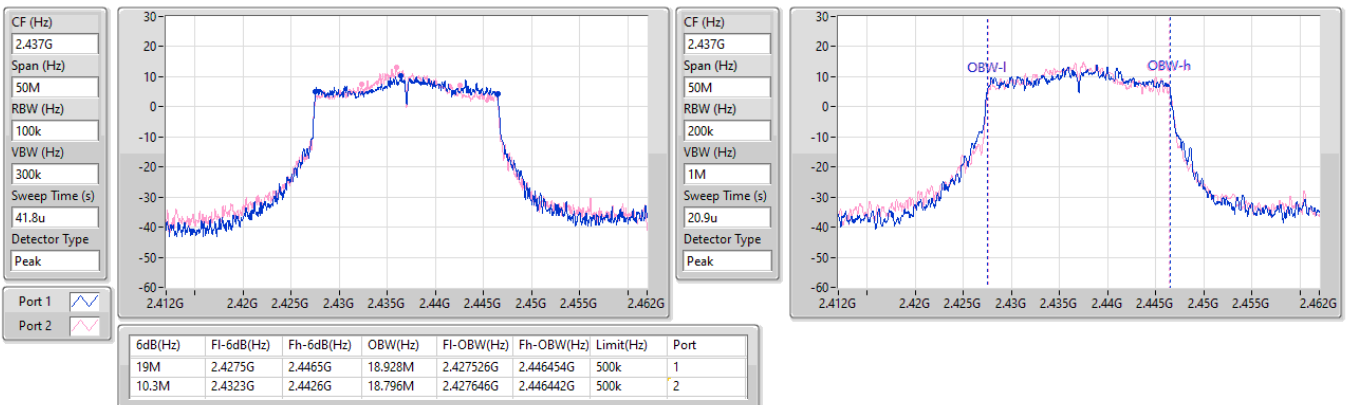


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

28/12/2023

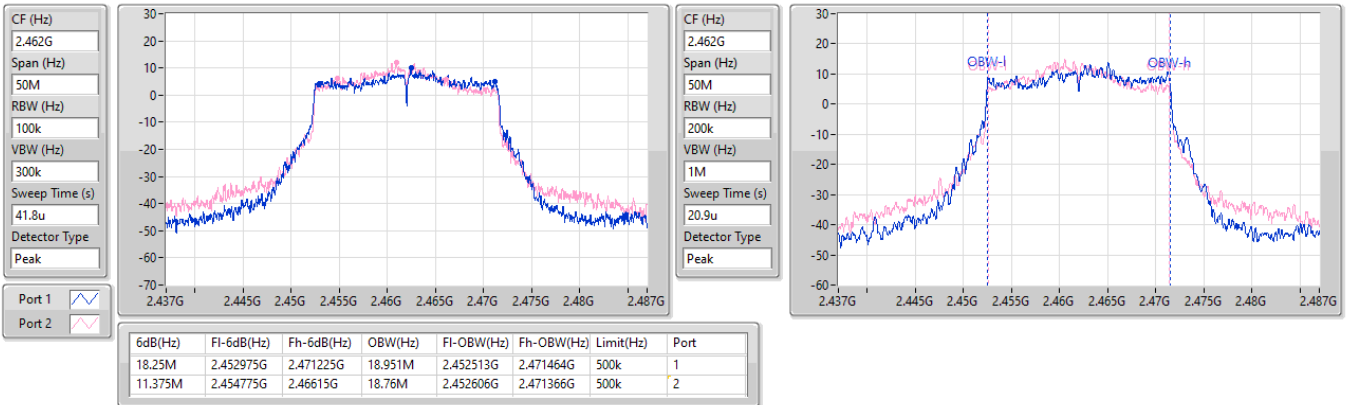


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

28/12/2023

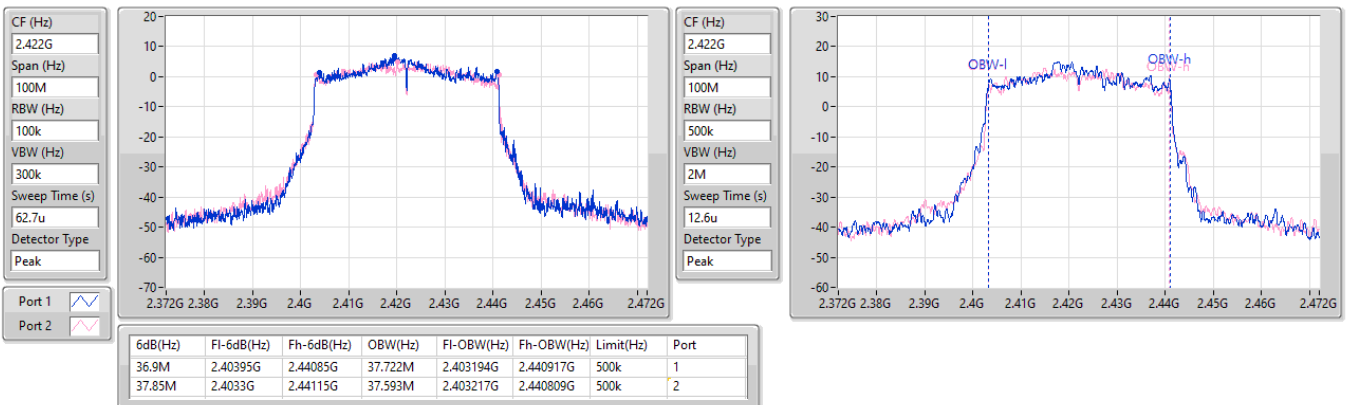


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

28/12/2023

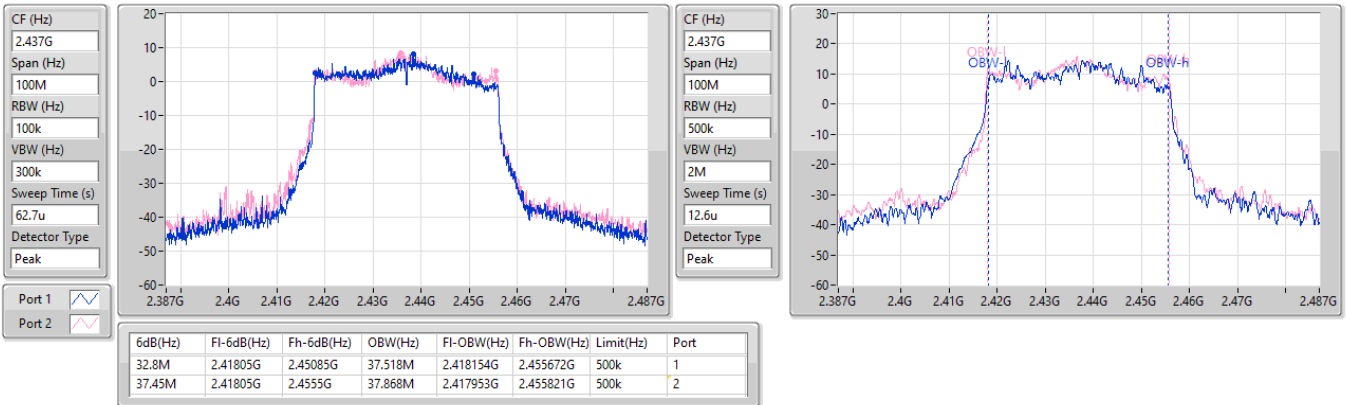


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

28/12/2023

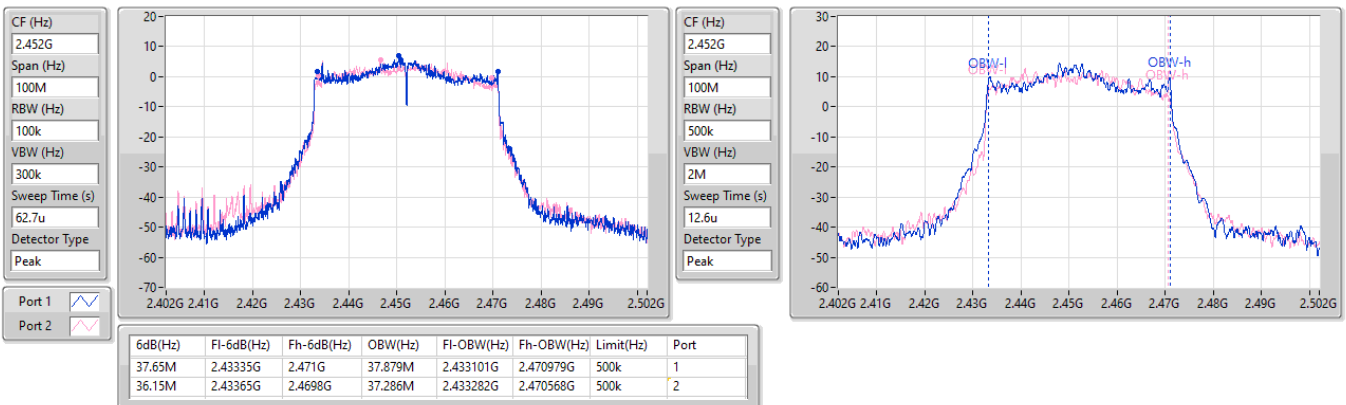


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

28/12/2023





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)_2TX	18.625M	18.986M	19M0D1D	12.6M	18.838M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	30M	37.61M	37M6D1D	18.25M	37.401M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.2M	18.838M	12.6M	18.852M
2437MHz	Pass	500k	12.825M	18.941M	18.625M	18.891M
2462MHz	Pass	500k	16.35M	18.906M	17.9M	18.986M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	25.65M	37.574M	30M	37.604M
2437MHz	Pass	500k	21.05M	37.61M	29.8M	37.401M
2452MHz	Pass	500k	18.25M	37.581M	26.25M	37.593M

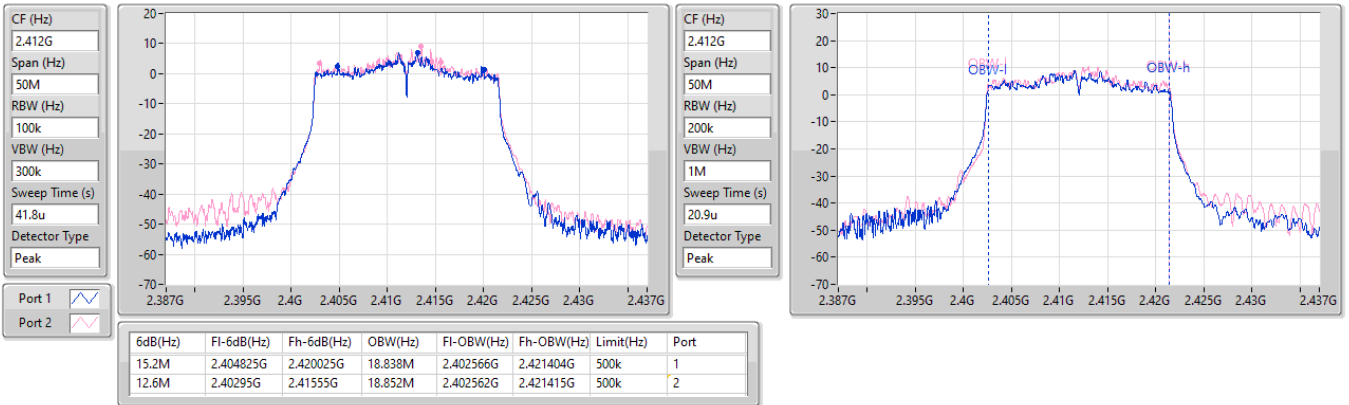
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2412MHz

30/12/2023

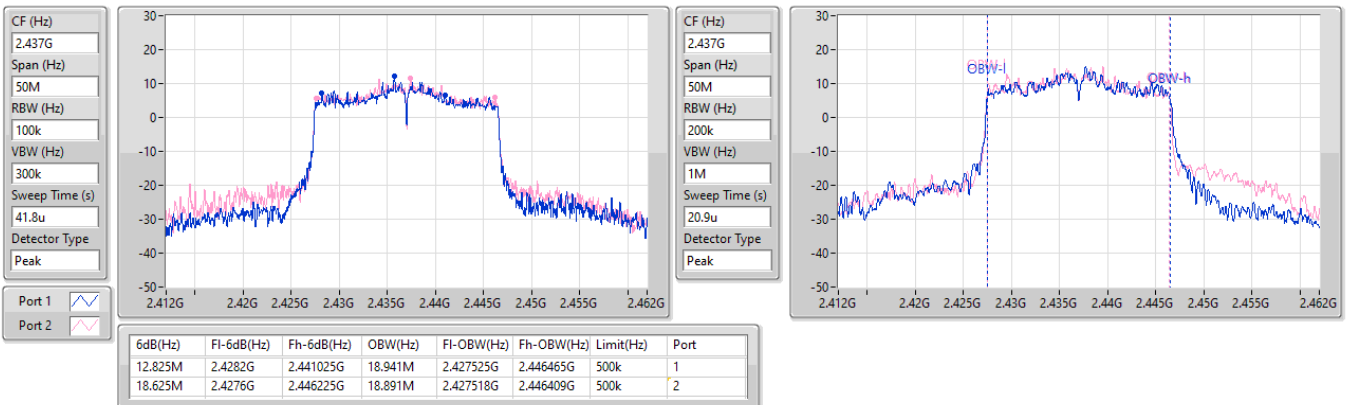


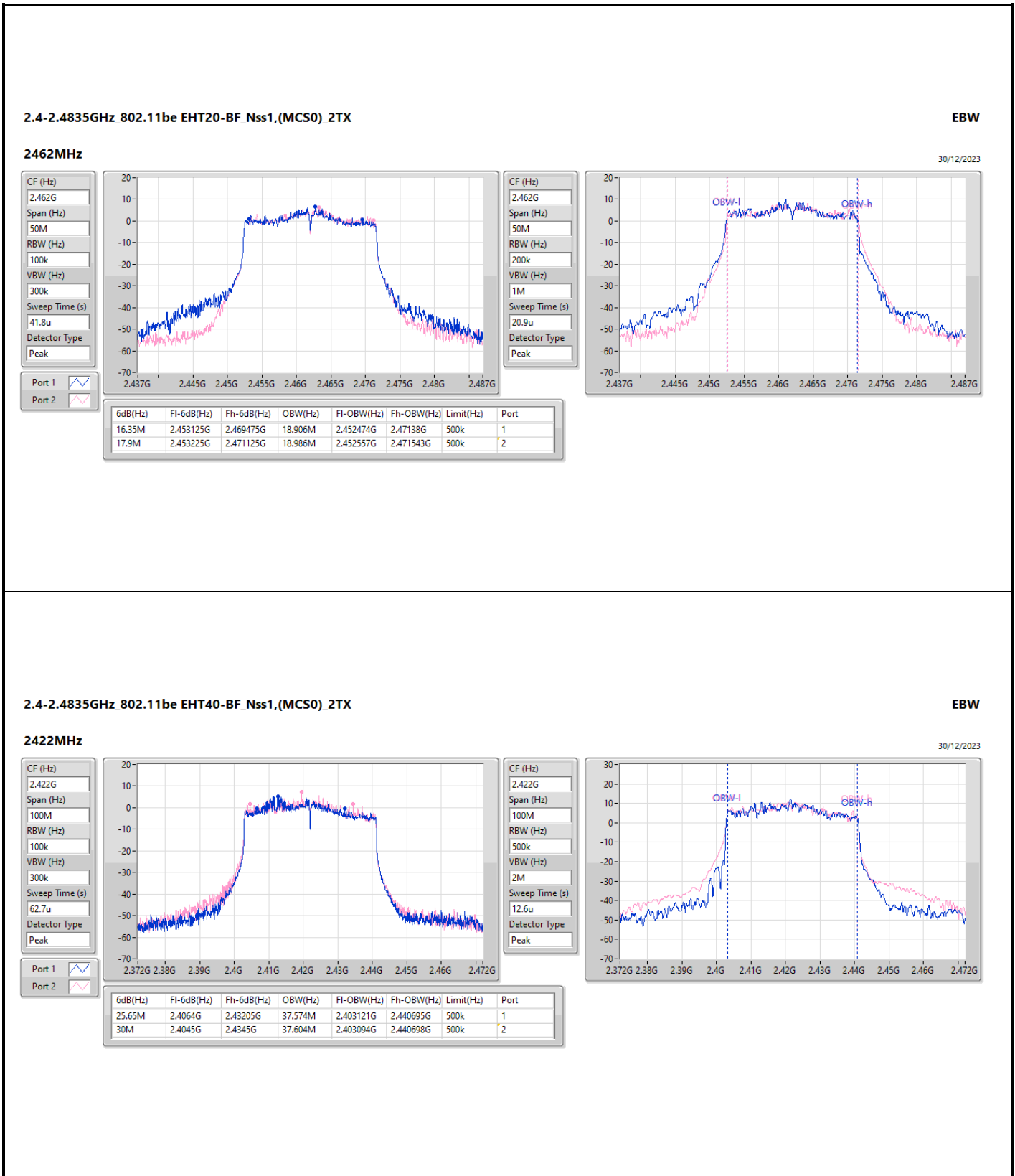
2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

30/12/2023



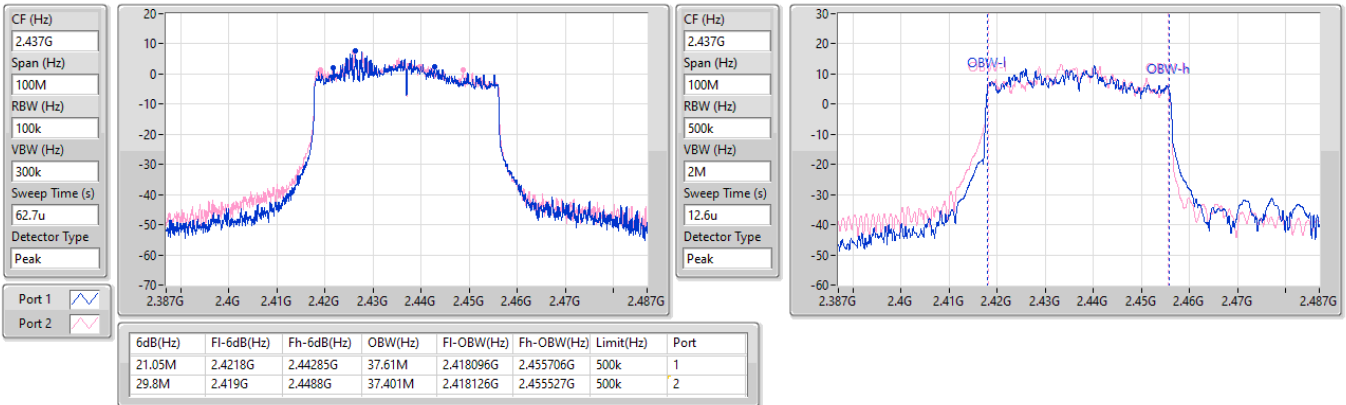


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

30/12/2023

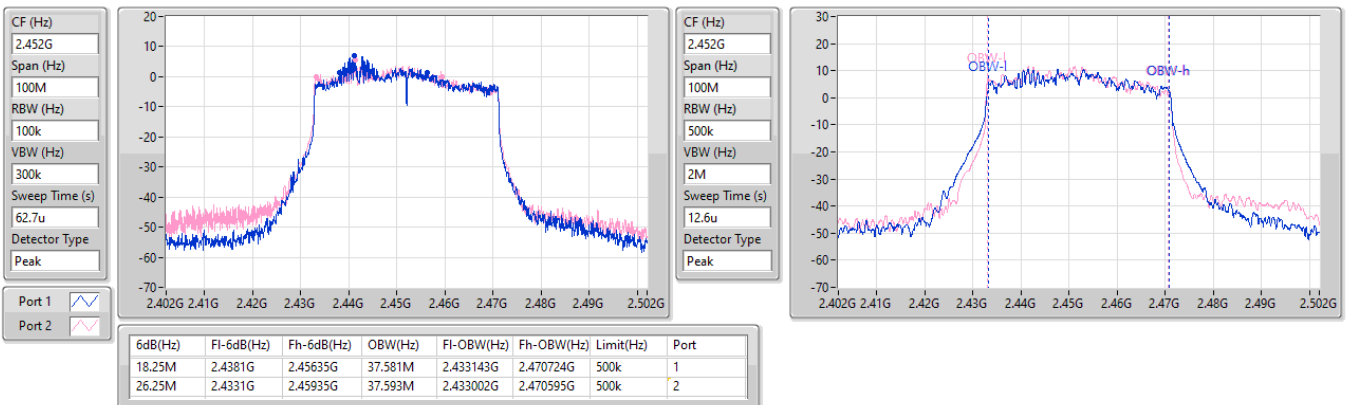


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

30/12/2023





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.34	0.54200
802.11g_Nss1,(6Mbps)_2TX	27.50	0.56234
802.11be EHT20_Nss1,(MCS0)_2TX	27.63	0.57943
802.11be EHT40_Nss1,(MCS0)_2TX	26.46	0.44259



Average Power_For Non-beamforming mode

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.35	23.94	24.48	27.23	30.00
2437MHz	Pass	2.35	23.98	24.65	27.34	30.00
2462MHz	Pass	2.35	23.92	24.59	27.28	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.35	23.23	23.46	26.36	30.00
2437MHz	Pass	2.35	24.54	24.43	27.50	30.00
2462MHz	Pass	2.35	23.39	23.54	26.48	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.35	22.80	22.42	25.62	30.00
2437MHz	Pass	2.35	24.34	24.89	27.63	30.00
2462MHz	Pass	2.35	22.99	23.98	26.52	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.35	22.74	22.49	25.63	30.00
2437MHz	Pass	2.35	23.18	23.71	26.46	30.00
2452MHz	Pass	2.35	21.53	21.54	24.55	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)_2TX	27.06	0.50816
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.32	0.21478



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	19.22	19.75	22.50	30.00
2417MHz	Pass	5.01	21.15	21.62	24.40	30.00
2437MHz	Pass	5.01	23.88	24.21	27.06	30.00
2457MHz	Pass	5.01	20.76	21.23	24.01	30.00
2462MHz	Pass	5.01	18.87	19.12	22.01	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	19.32	20.13	22.75	30.00
2427MHz	Pass	5.01	20.04	20.22	23.14	30.00
2437MHz	Pass	5.01	20.16	20.45	23.32	30.00
2447MHz	Pass	5.01	19.59	20.82	23.26	30.00
2452MHz	Pass	5.01	19.07	19.69	22.40	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	3.58
802.11g_Nss1,(6Mbps)_2TX	0.13
802.11be EHT20_Nss1,(MCS0)_2TX	1.49
802.11be EHT40_Nss1,(MCS0)_2TX	-1.50

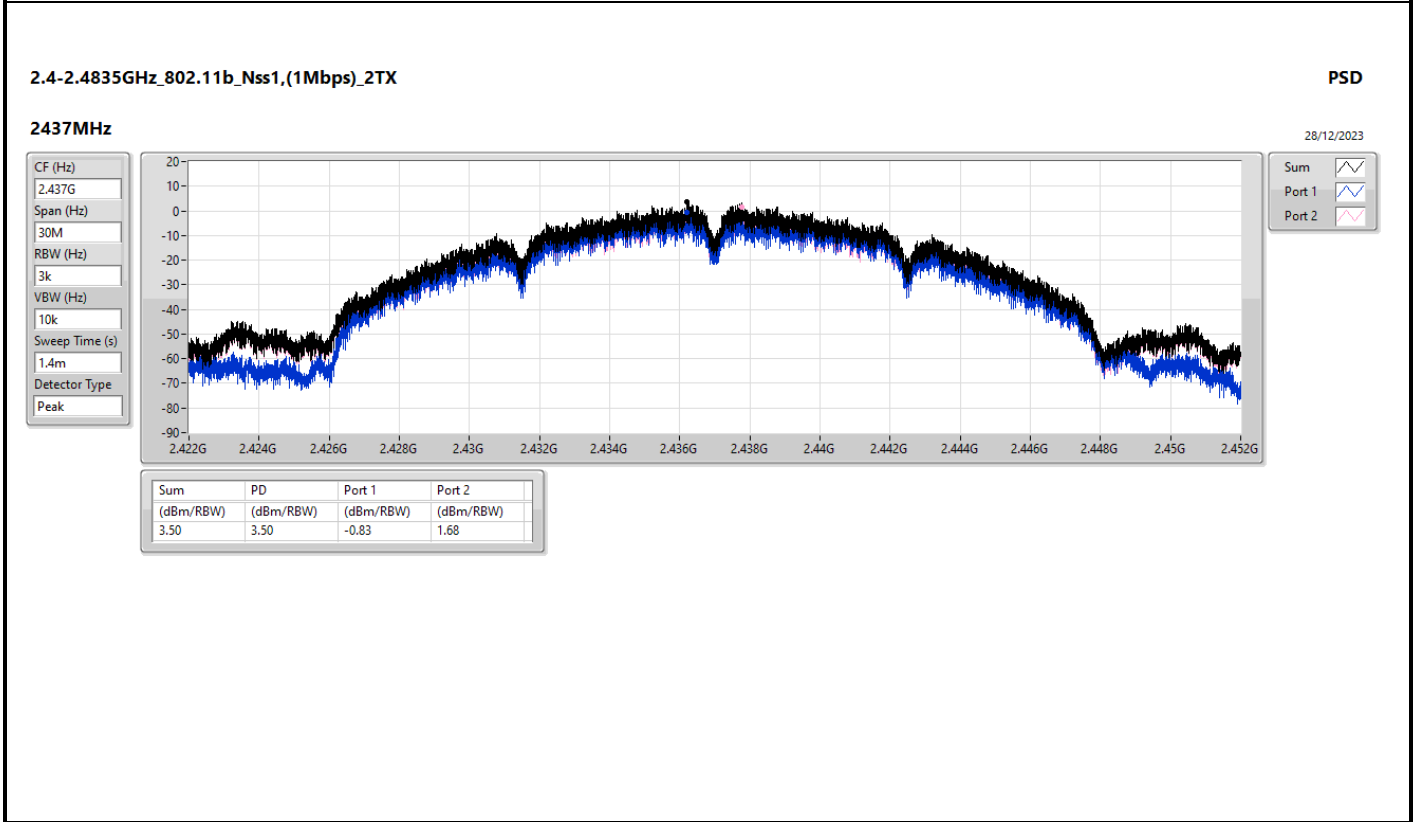
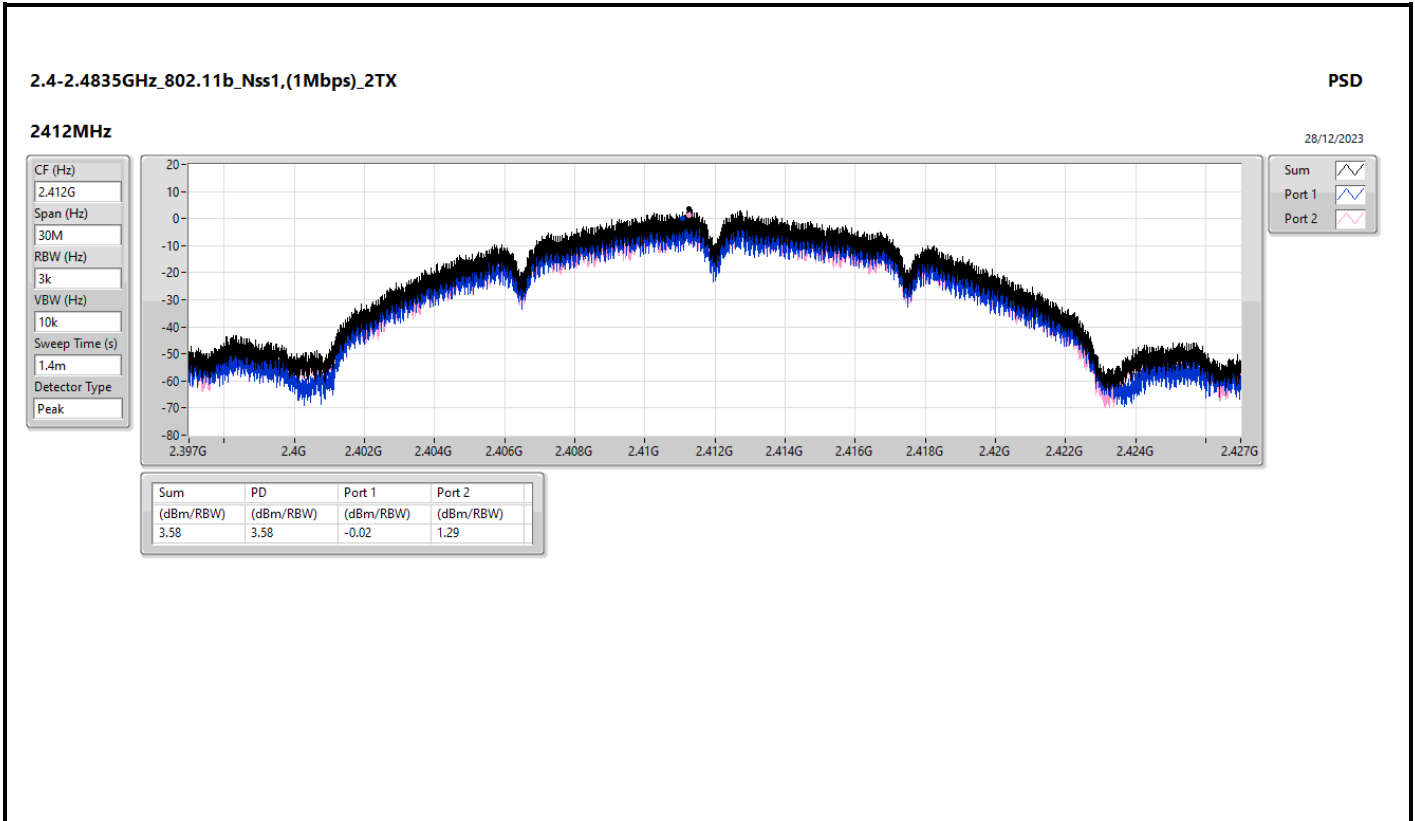
RBW = 3kHz;

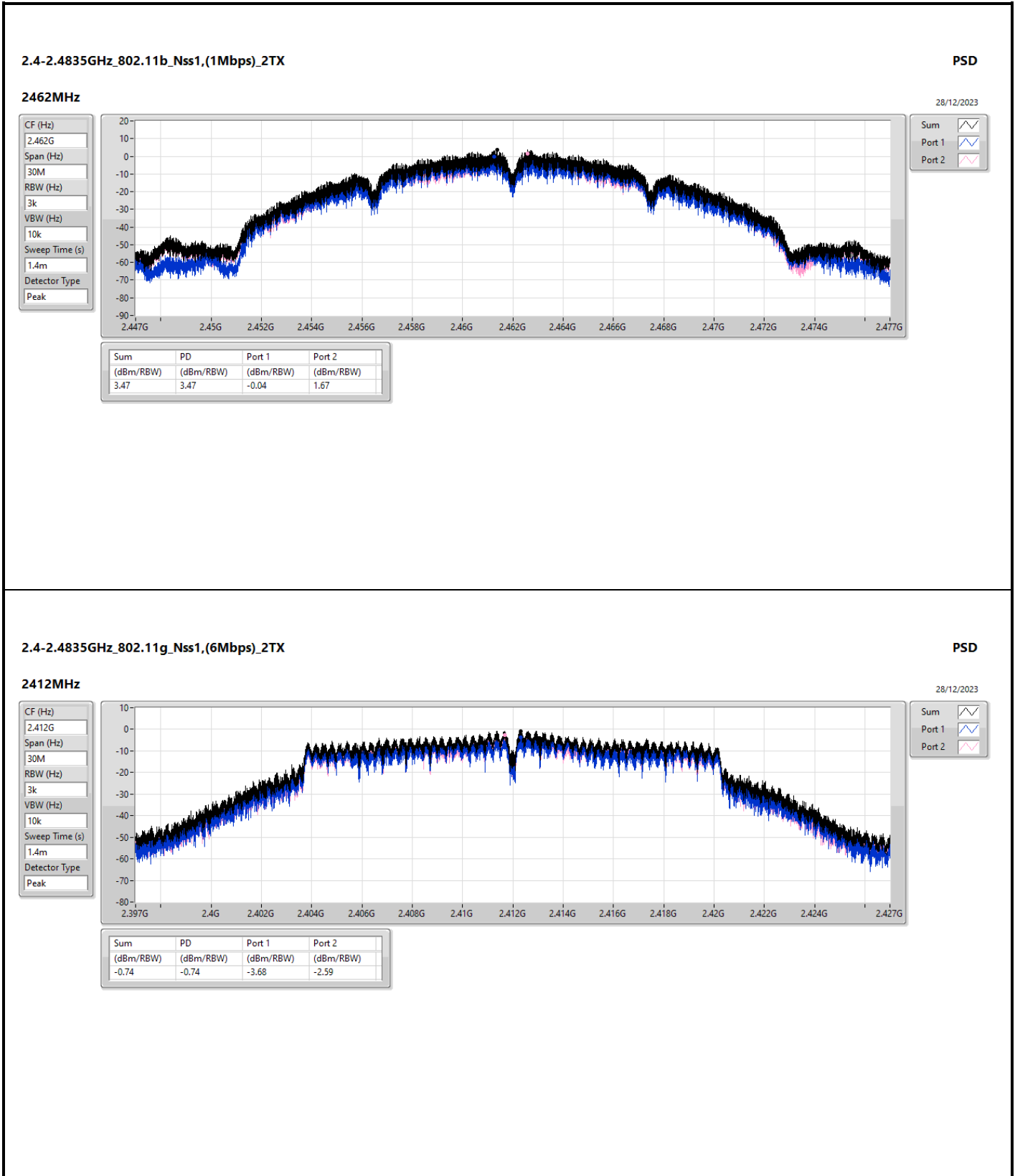


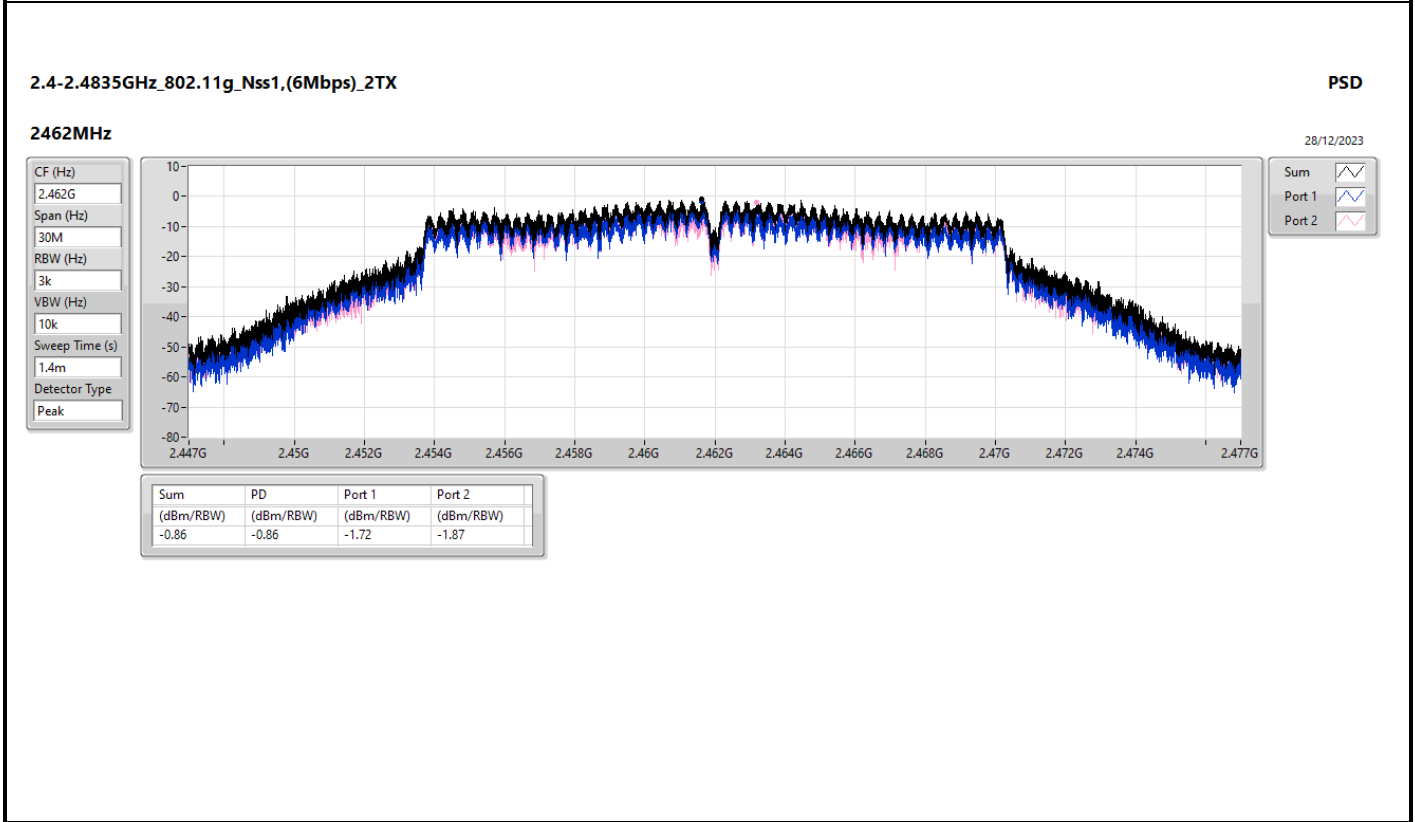
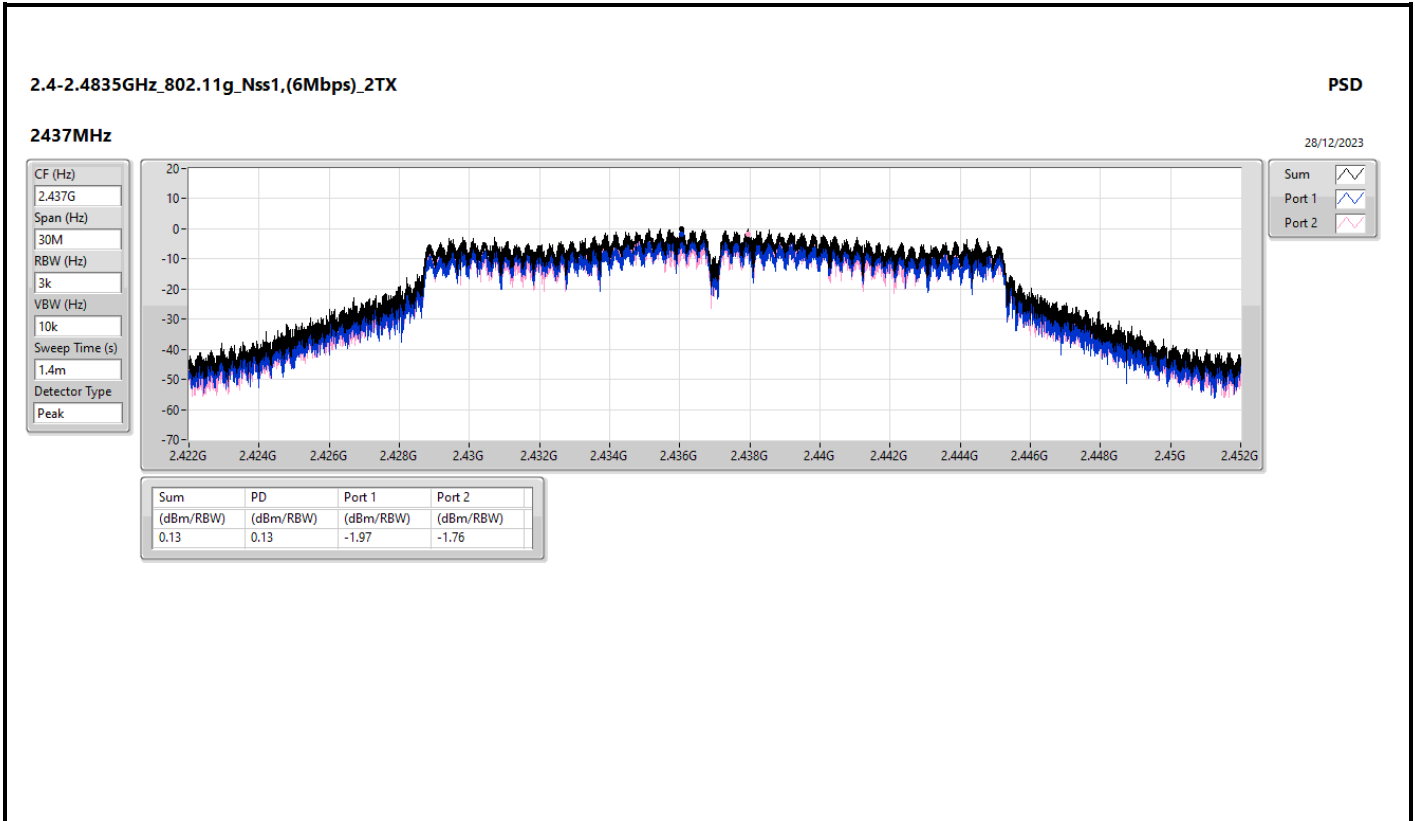
Result

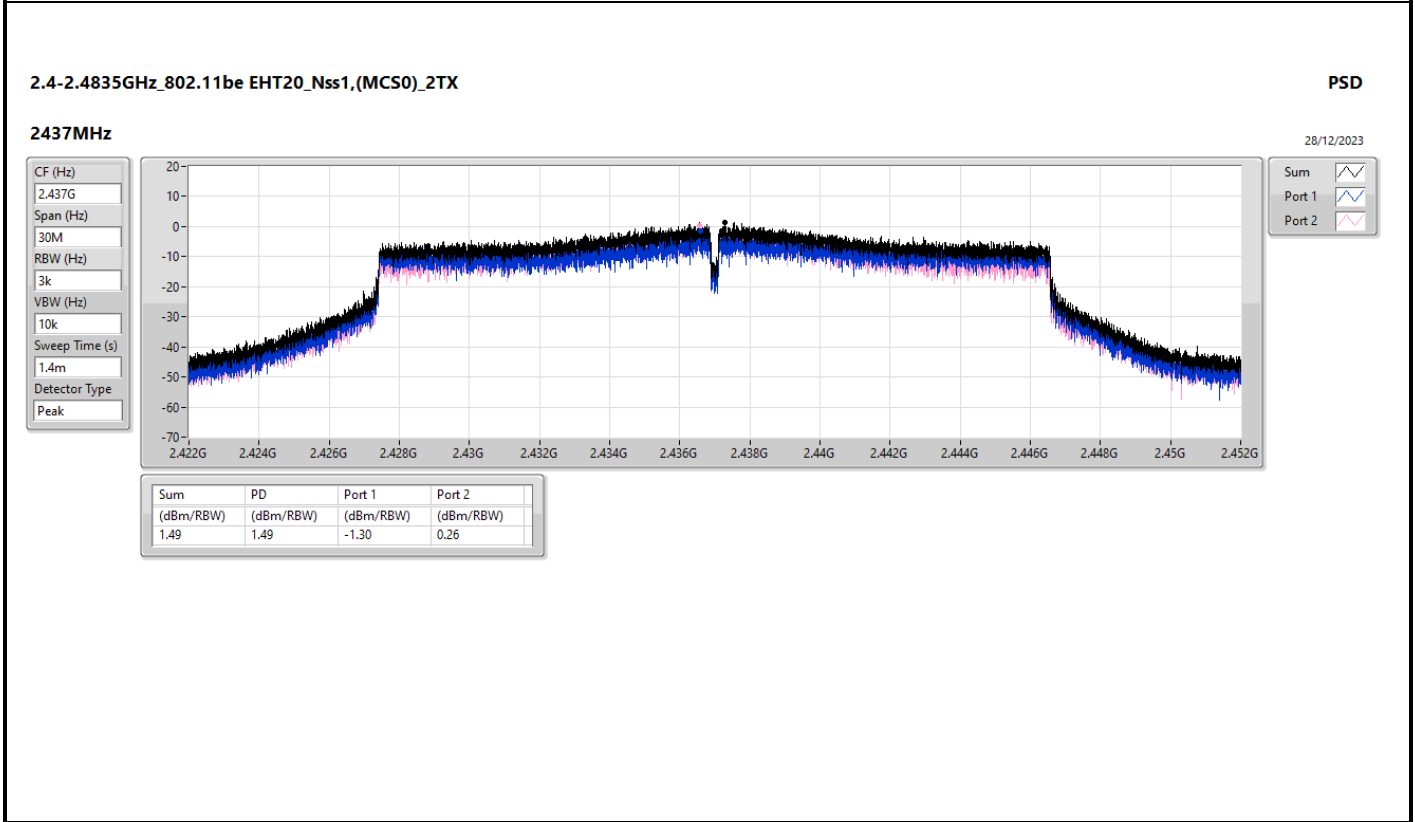
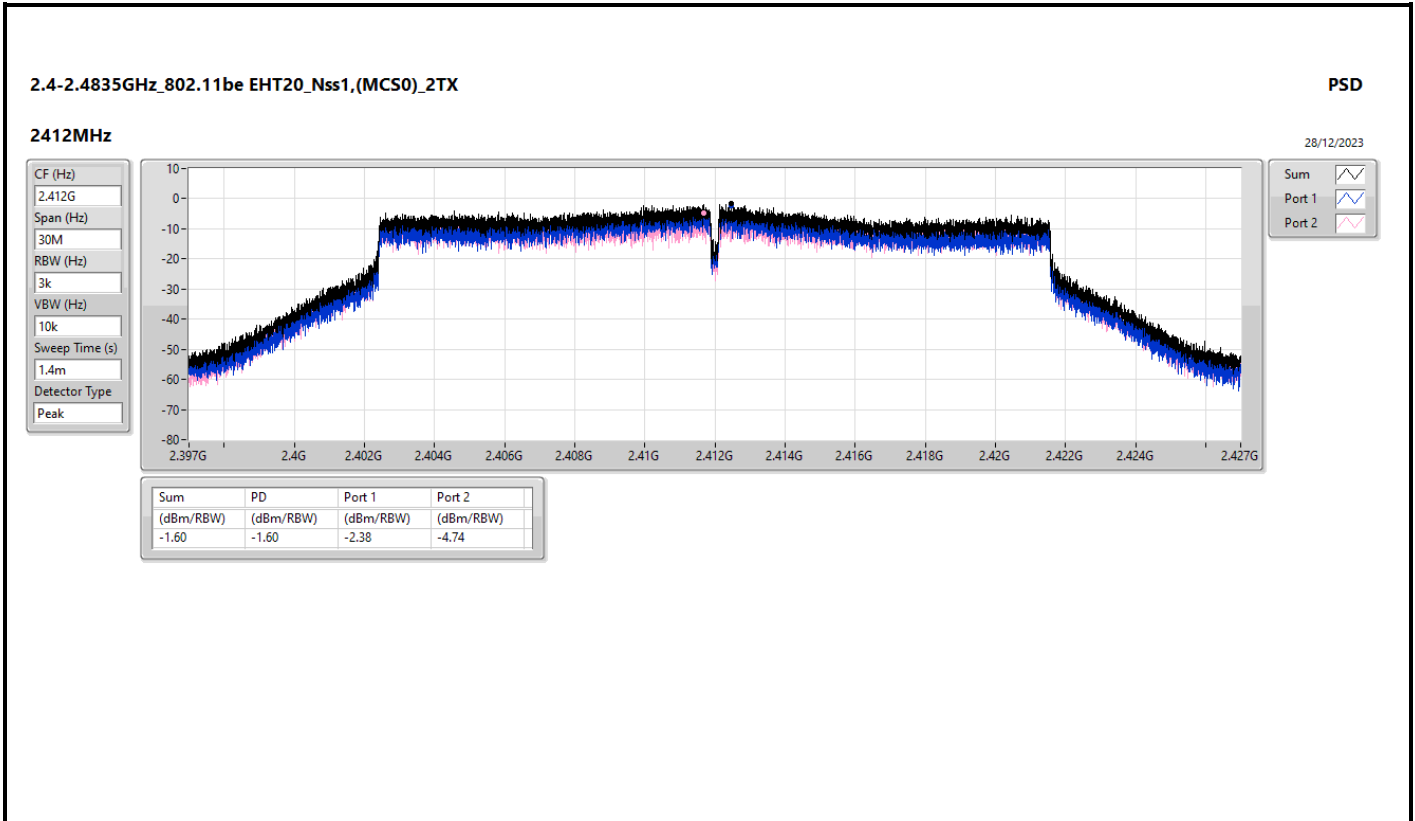
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-0.02	1.29	3.58	8.00
2437MHz	Pass	5.01	-0.83	1.68	3.50	8.00
2462MHz	Pass	5.01	-0.04	1.67	3.47	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-3.68	-2.59	-0.74	8.00
2437MHz	Pass	5.01	-1.97	-1.76	0.13	8.00
2462MHz	Pass	5.01	-1.72	-1.87	-0.86	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-2.38	-4.74	-1.60	8.00
2437MHz	Pass	5.01	-1.30	0.26	1.49	8.00
2462MHz	Pass	5.01	-1.57	-0.80	0.43	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	-5.35	-7.63	-4.51	8.00
2437MHz	Pass	5.01	-5.91	-2.85	-1.50	8.00
2452MHz	Pass	5.01	-6.51	-7.66	-5.15	8.00

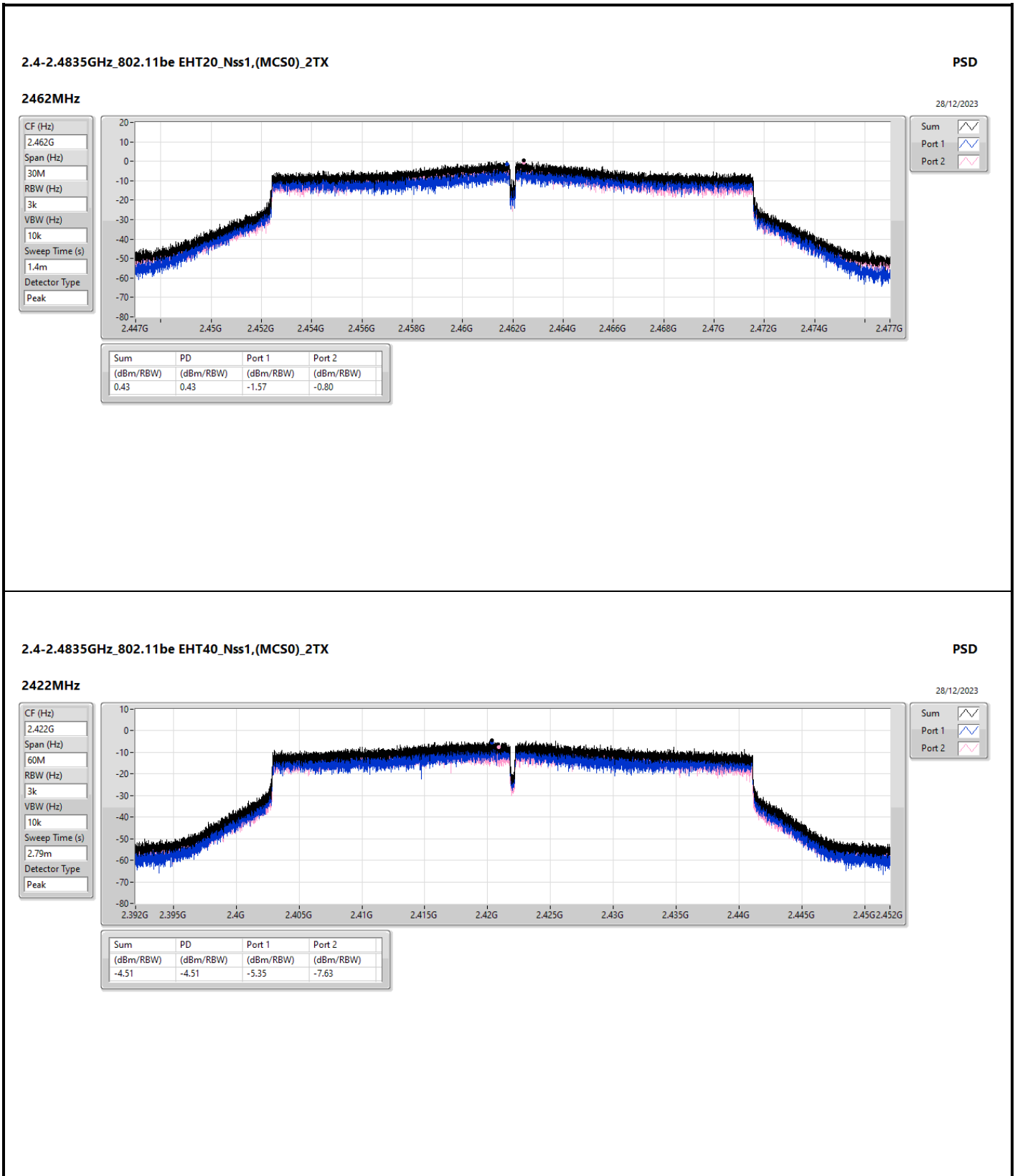
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

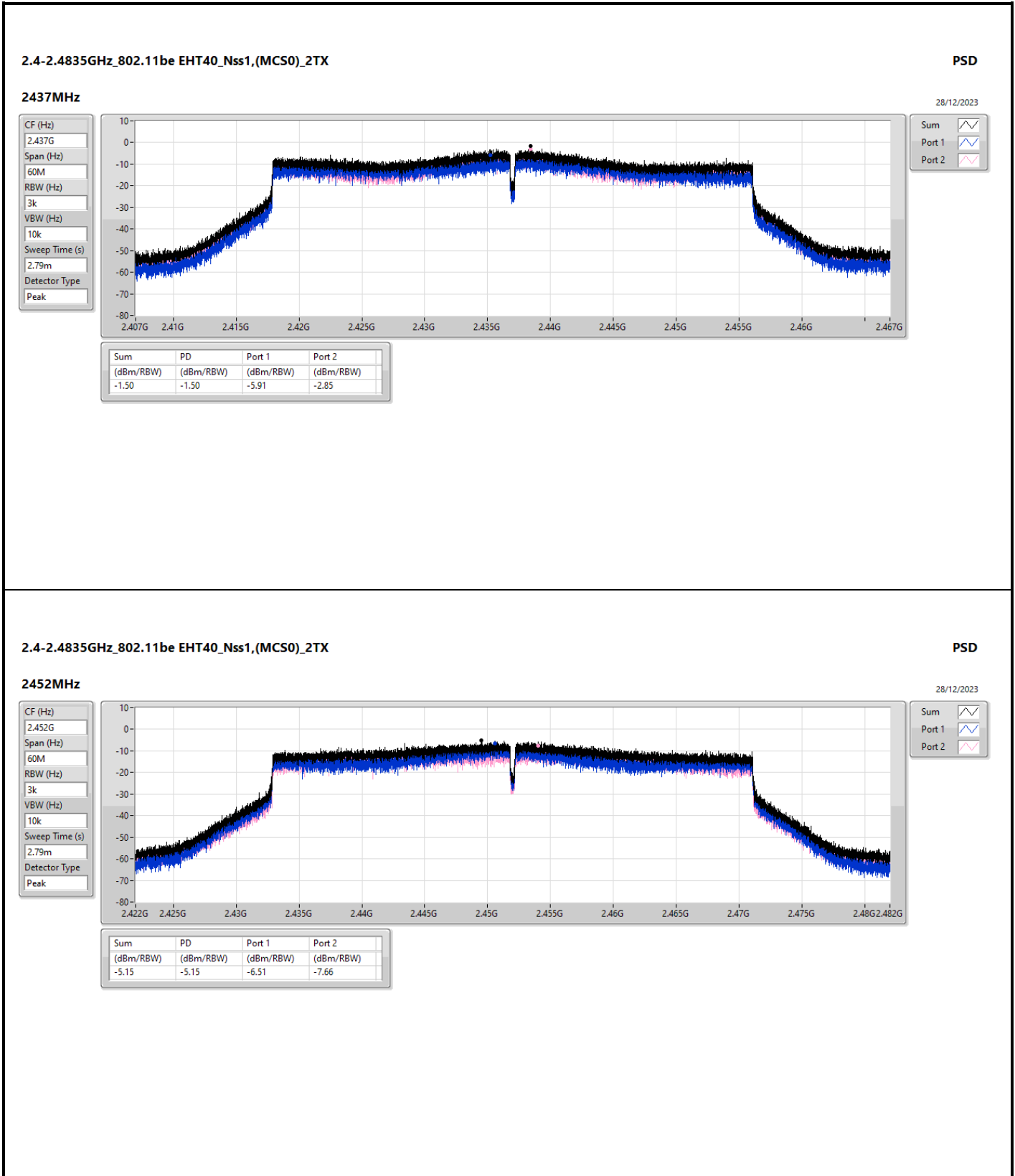














Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.36
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-4.47

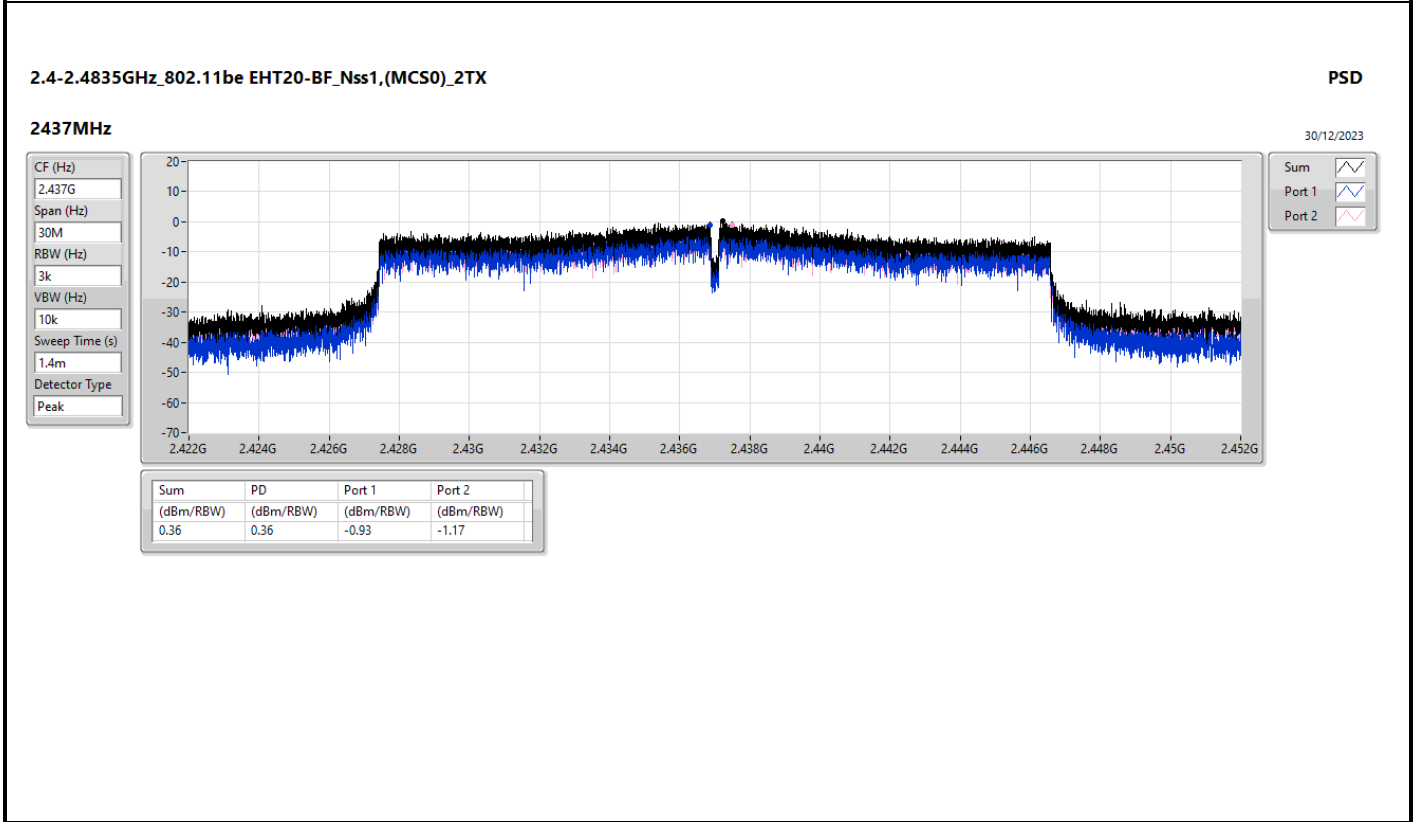
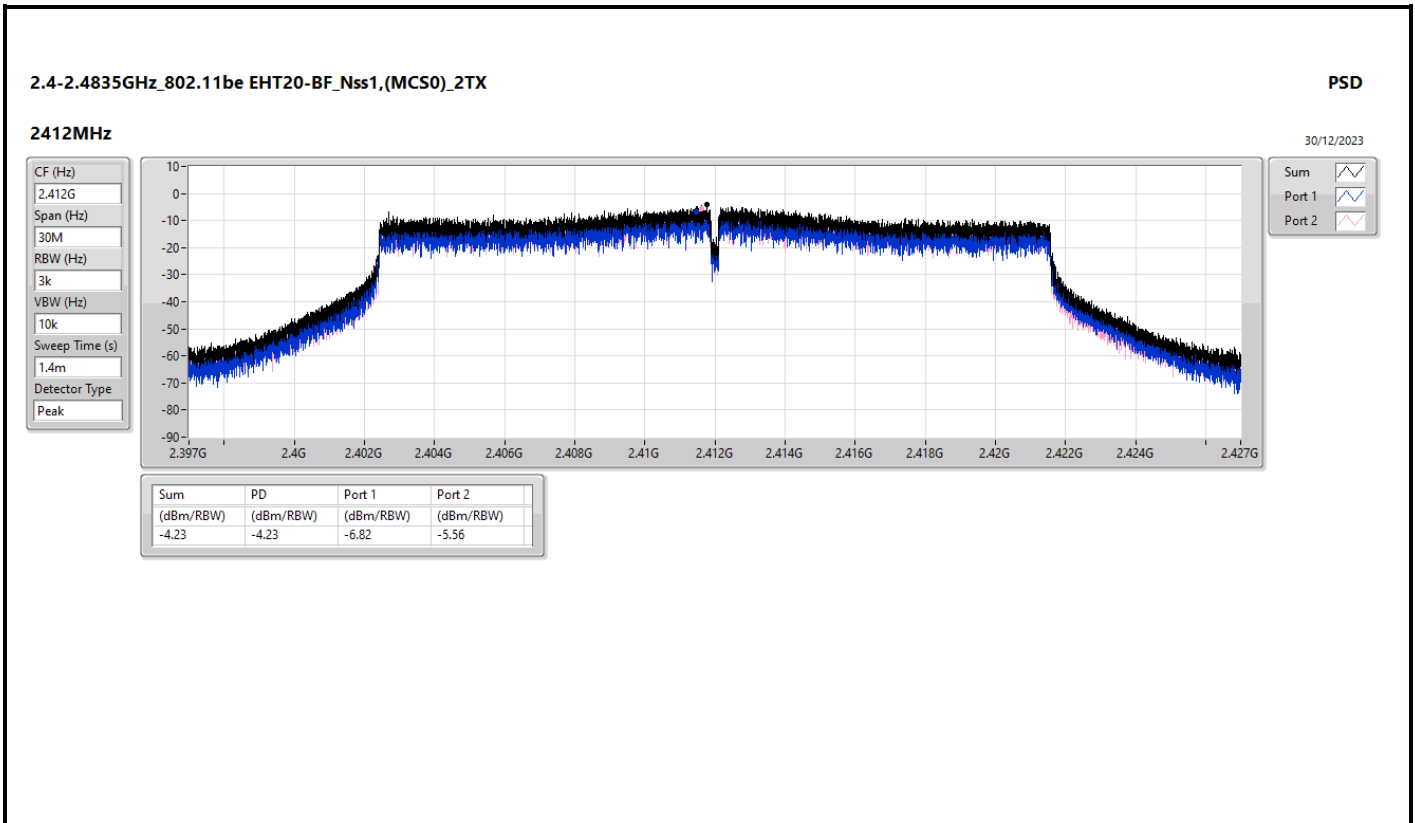
RBW = 3kHz;

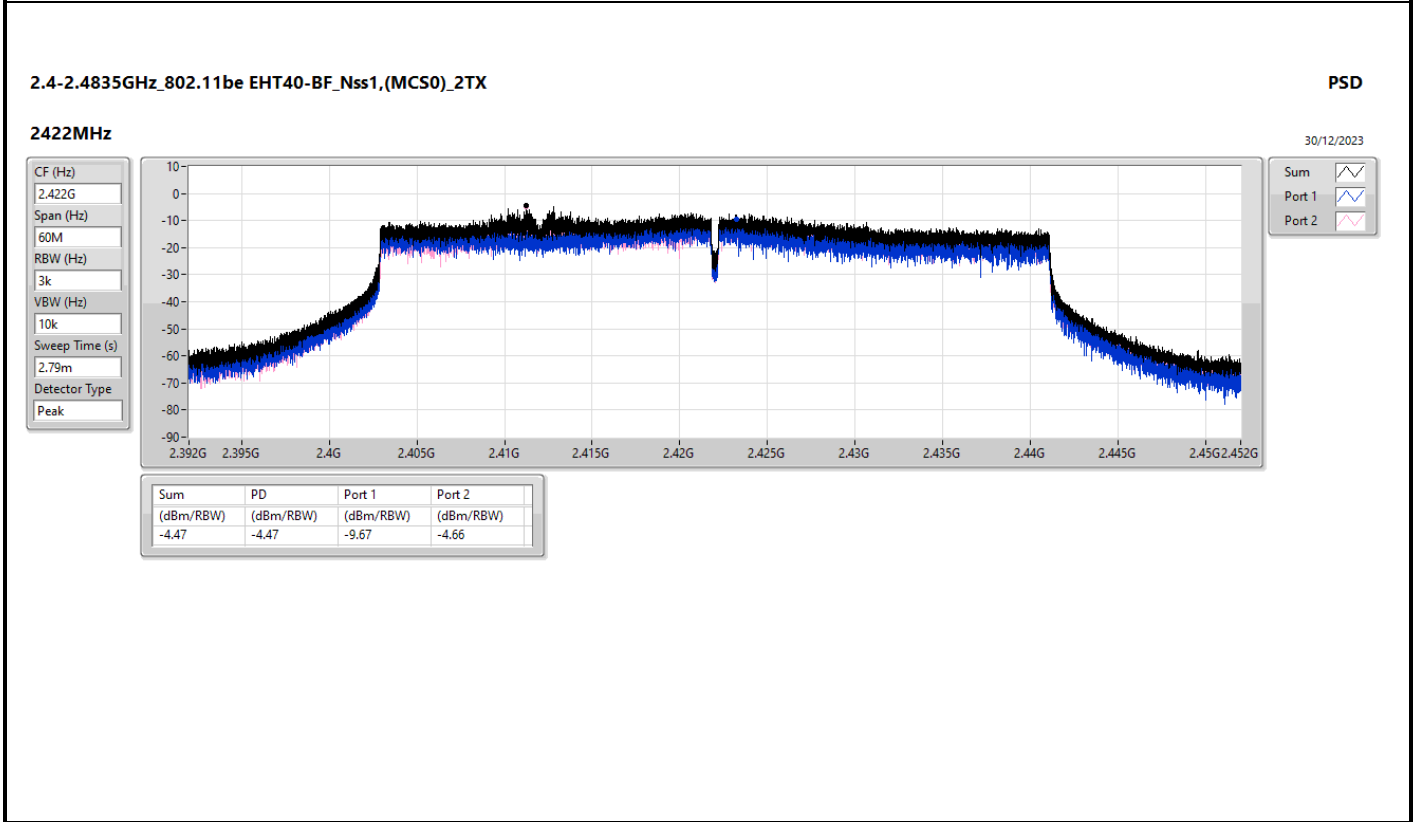
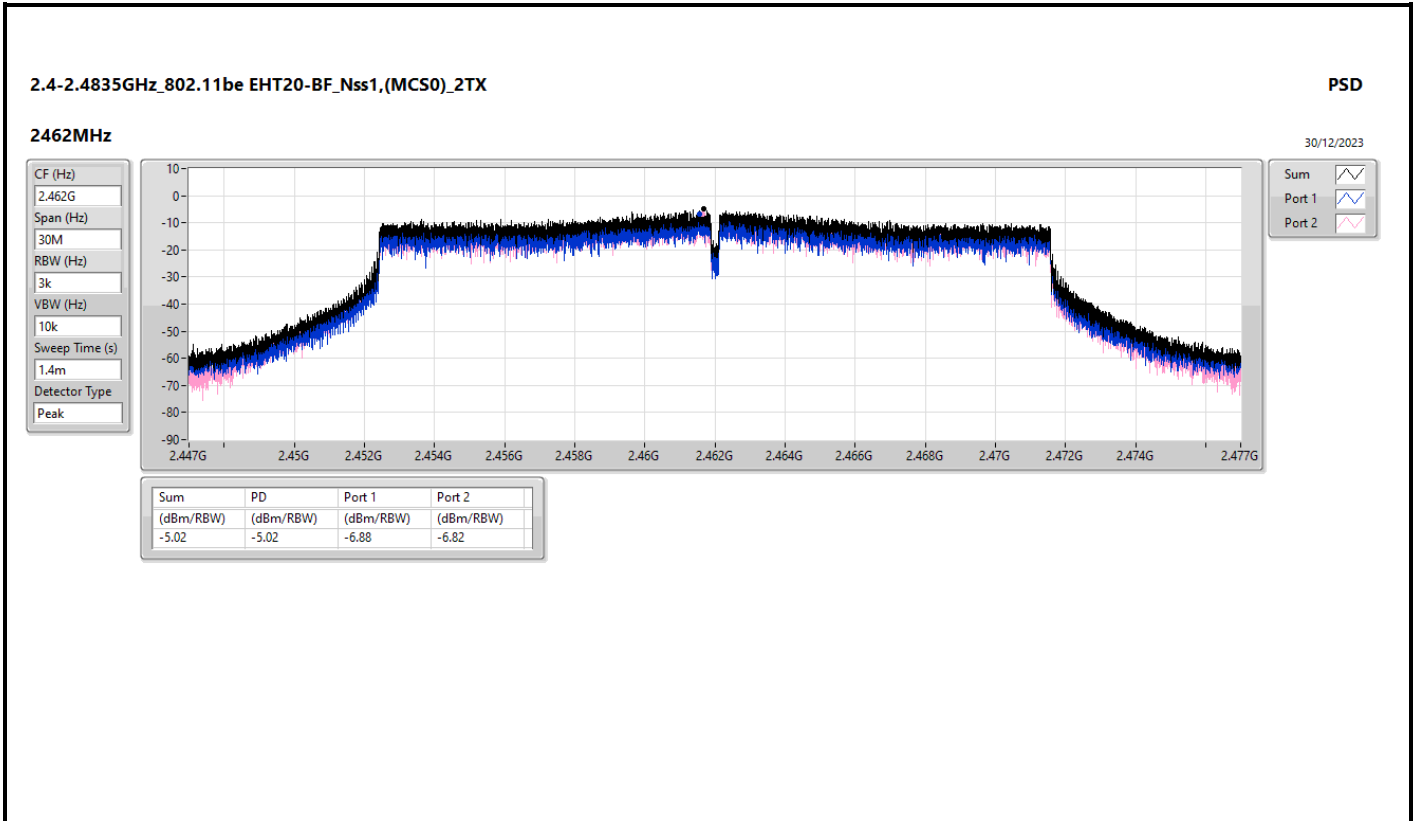


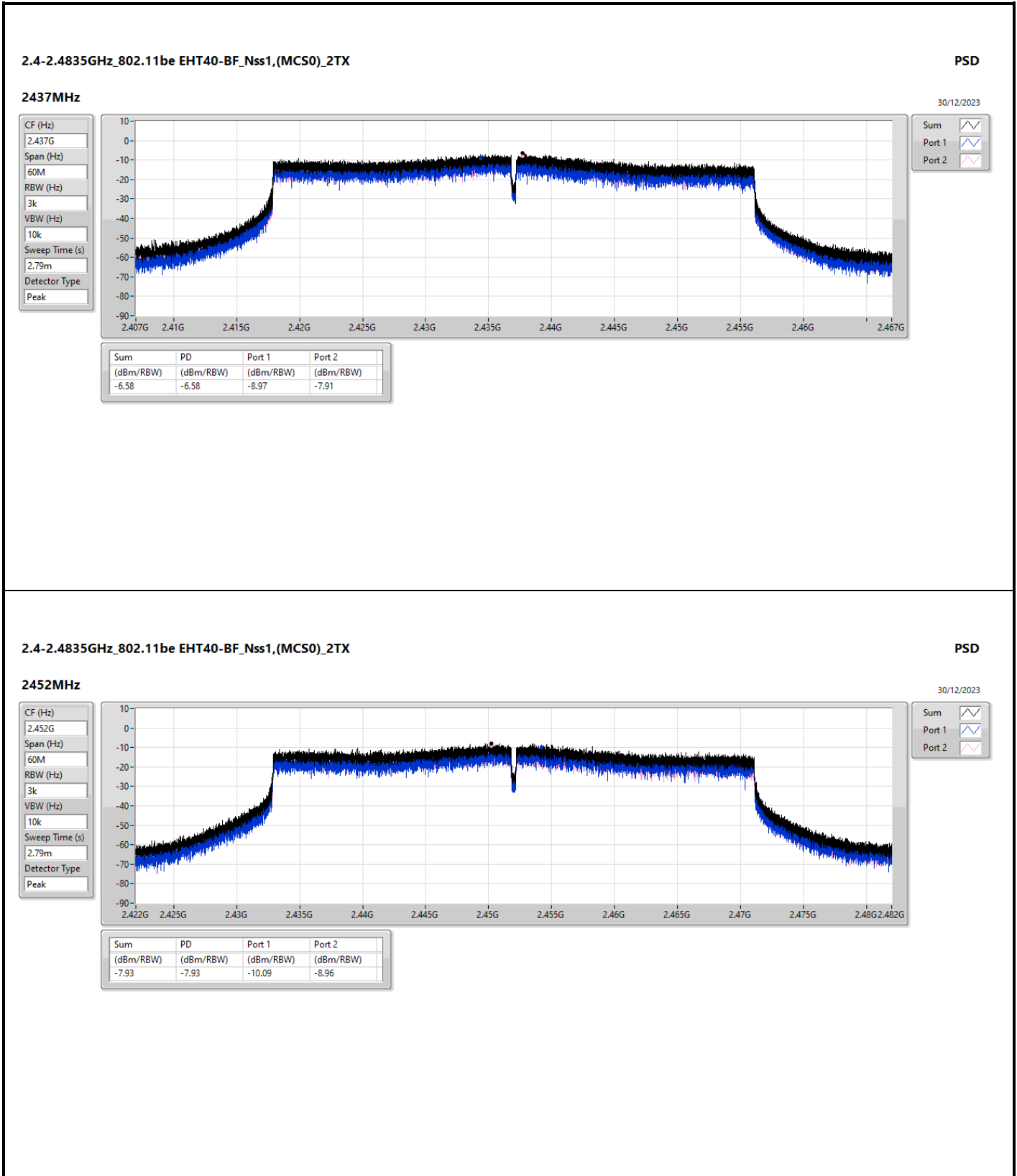
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-6.82	-5.56	-4.23	8.00
2437MHz	Pass	5.01	-0.93	-1.17	0.36	8.00
2462MHz	Pass	5.01	-6.88	-6.82	-5.02	8.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	-9.67	-4.66	-4.47	8.00
2437MHz	Pass	5.01	-8.97	-7.91	-6.58	8.00
2452MHz	Pass	5.01	-10.09	-8.96	-7.93	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;









Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43557G	15.53	-14.47	2.16195G	-50.16	2.39856G	-28.92	2.4G	-37.26	2.51038G	-52.18	7.23233G	-29.75	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	15.70	-14.30	2.06409G	-47.85	2.39992G	-22.59	2.4G	-19.59	2.51894G	-52.29	7.23514G	-30.34	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43574G	15.11	-14.89	2.19341G	-48.21	2.3996G	-19.09	2.4G	-18.25	2.5207G	-52.49	7.23514G	-36.13	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.43724G	10.11	-19.89	1.9204G	-42.73	2.39984G	-20.86	2.4G	-20.85	2.50318G	-47.71	7.24712G	-42.86	1

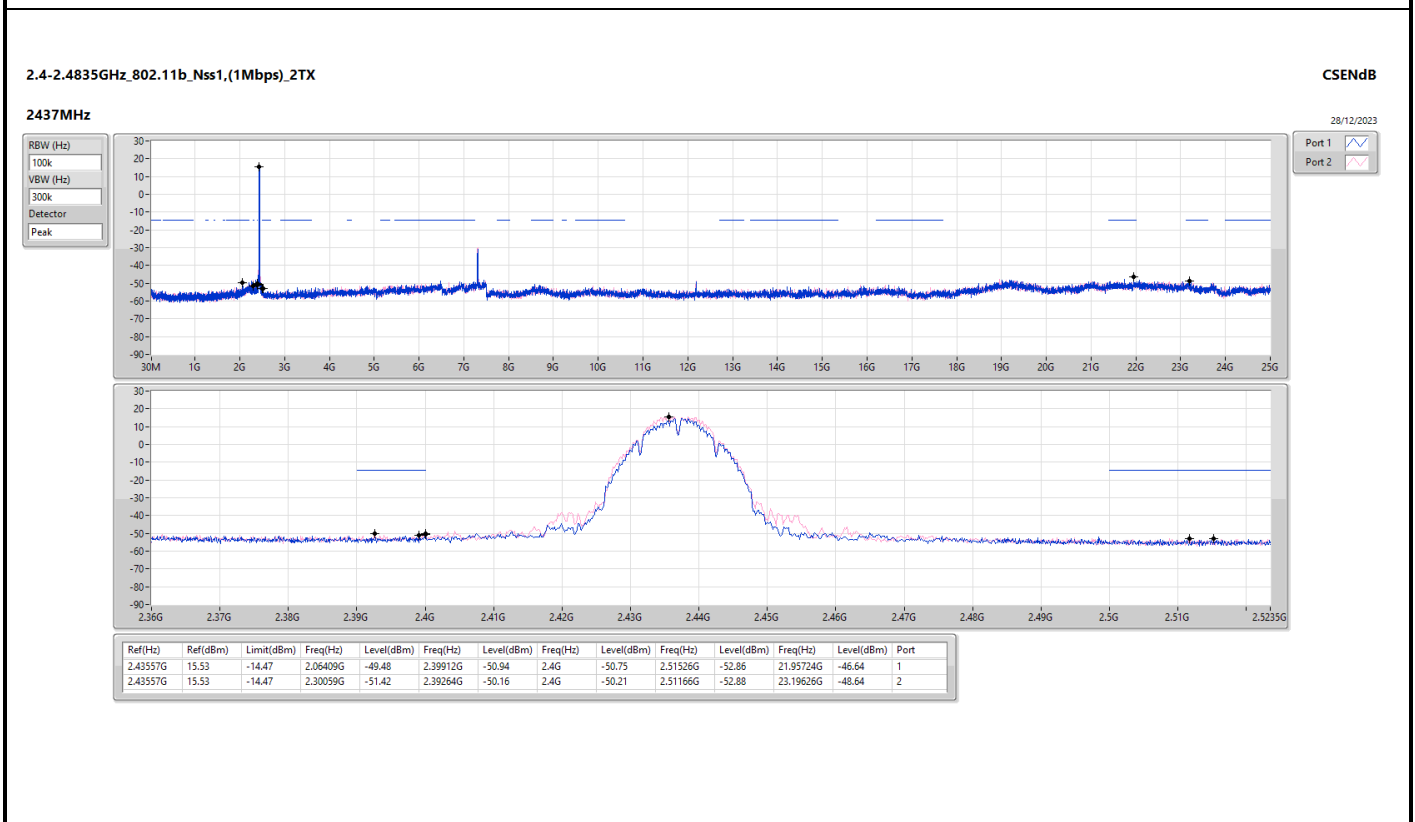
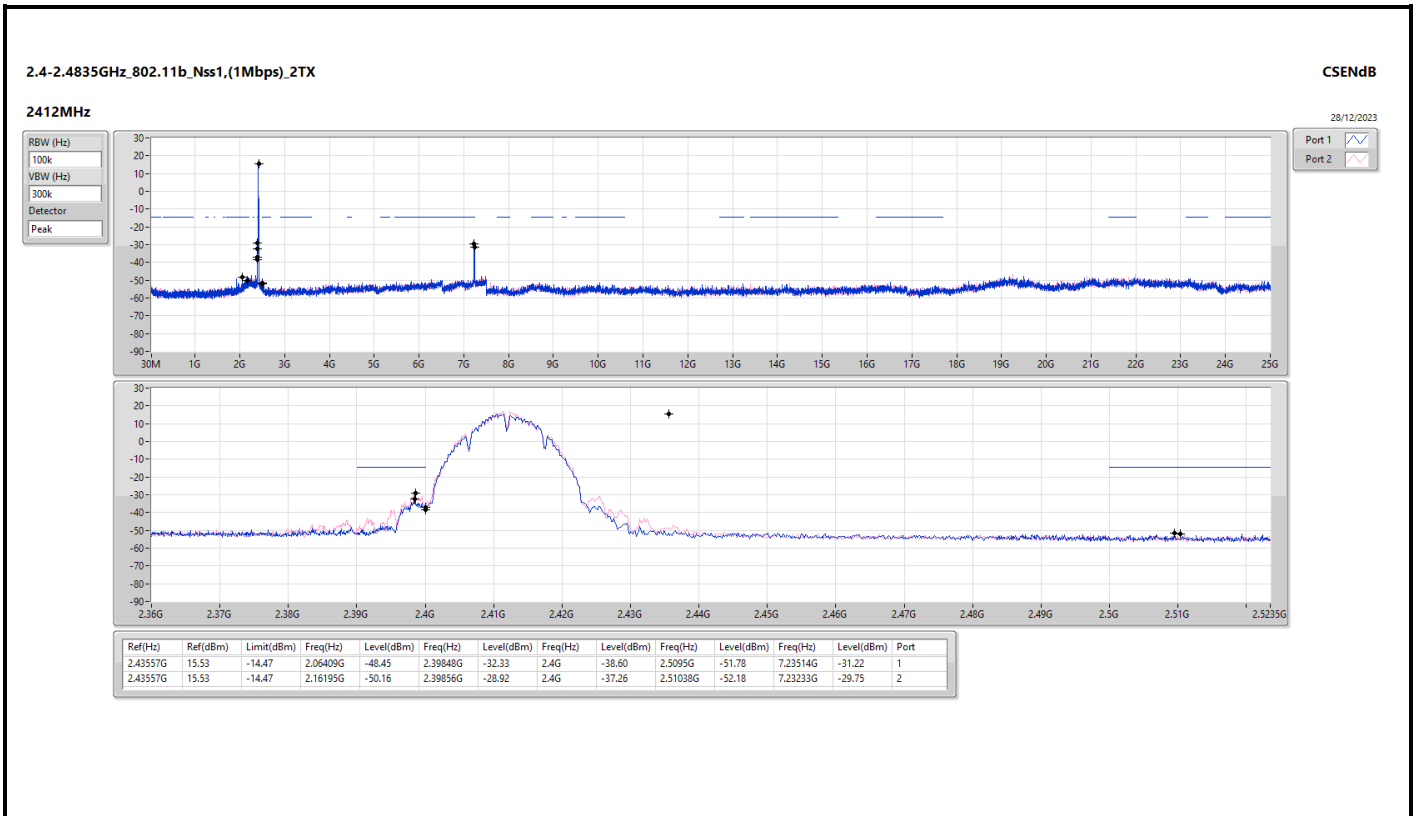


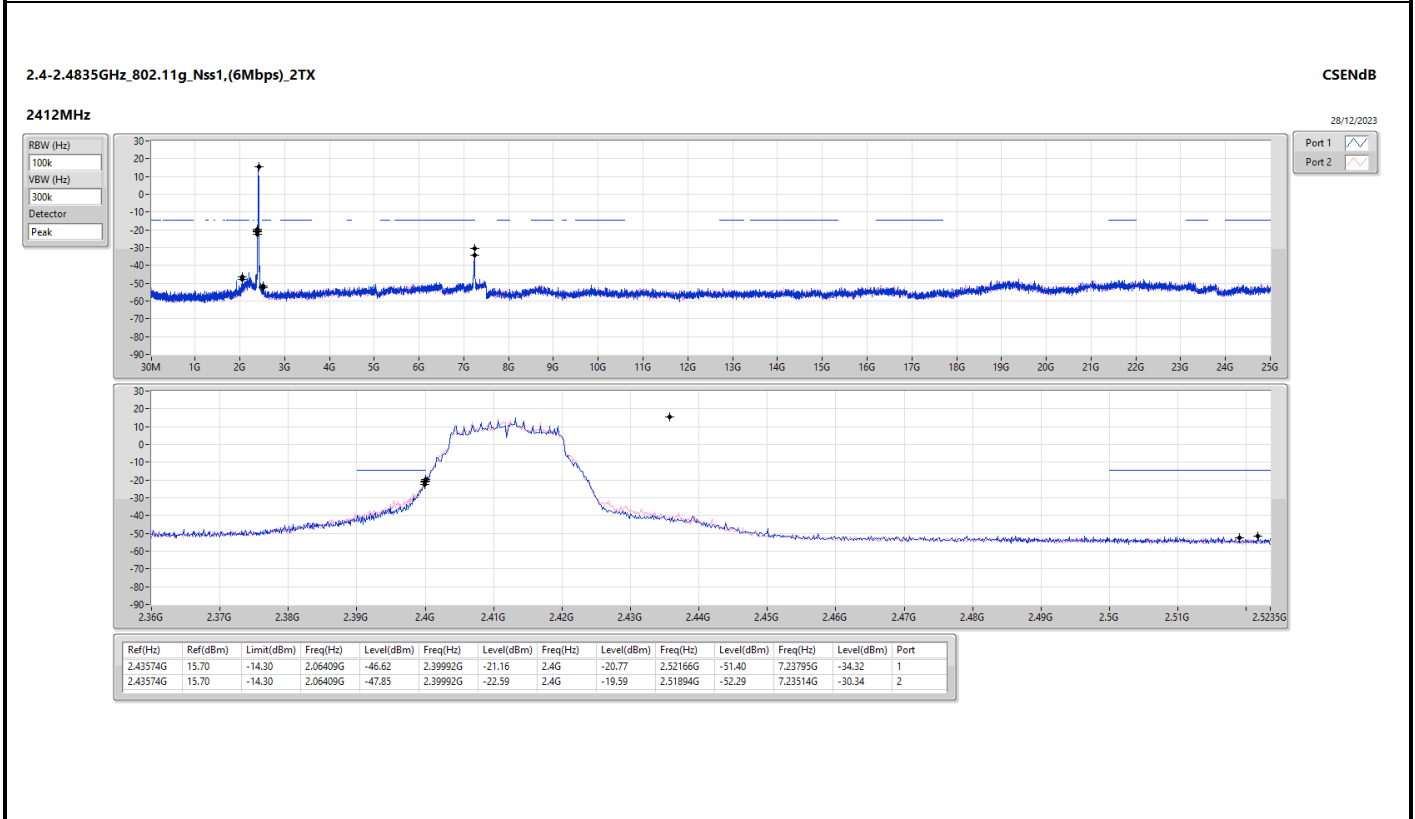
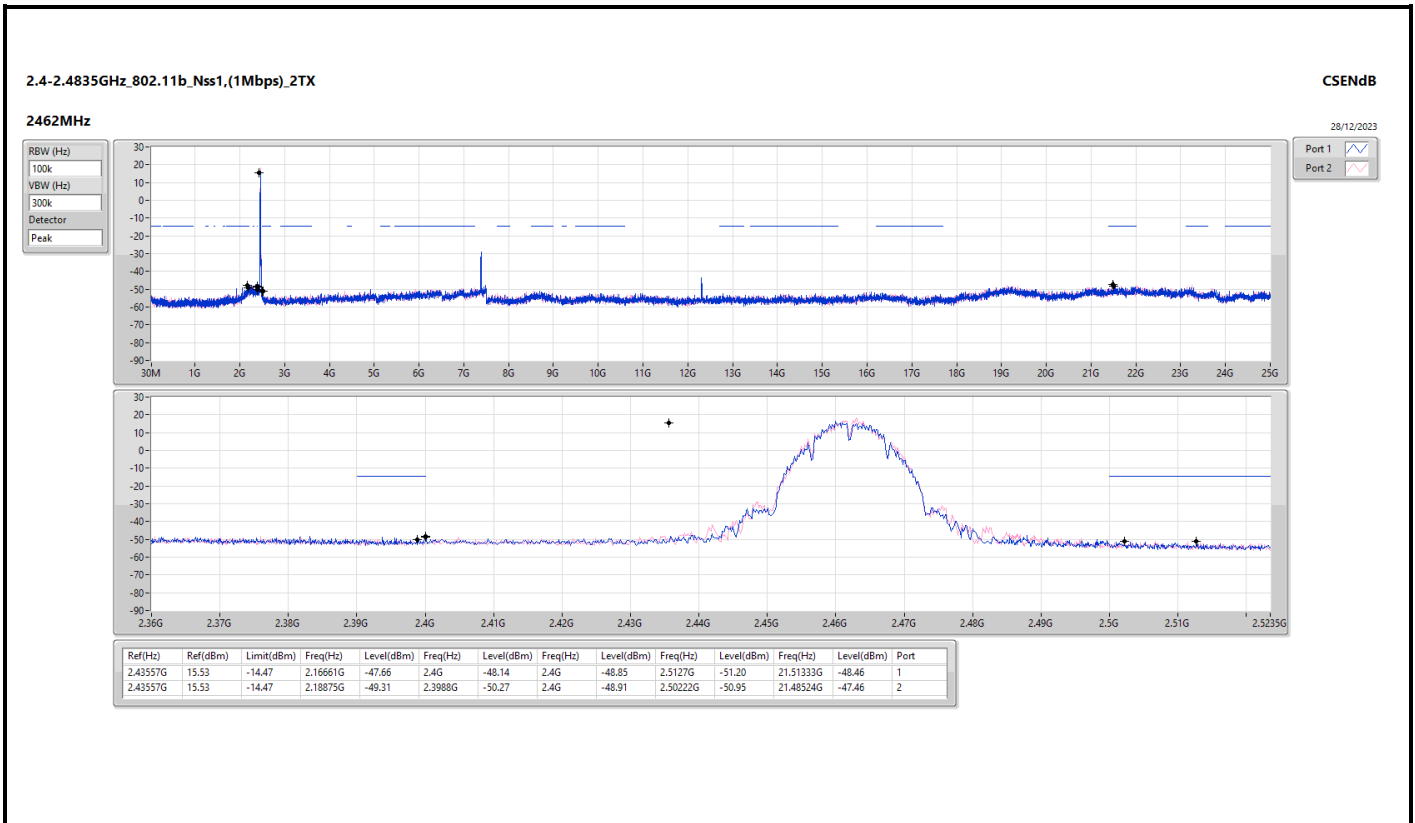
CSE (NdB Down)_For Non-beamforming mode

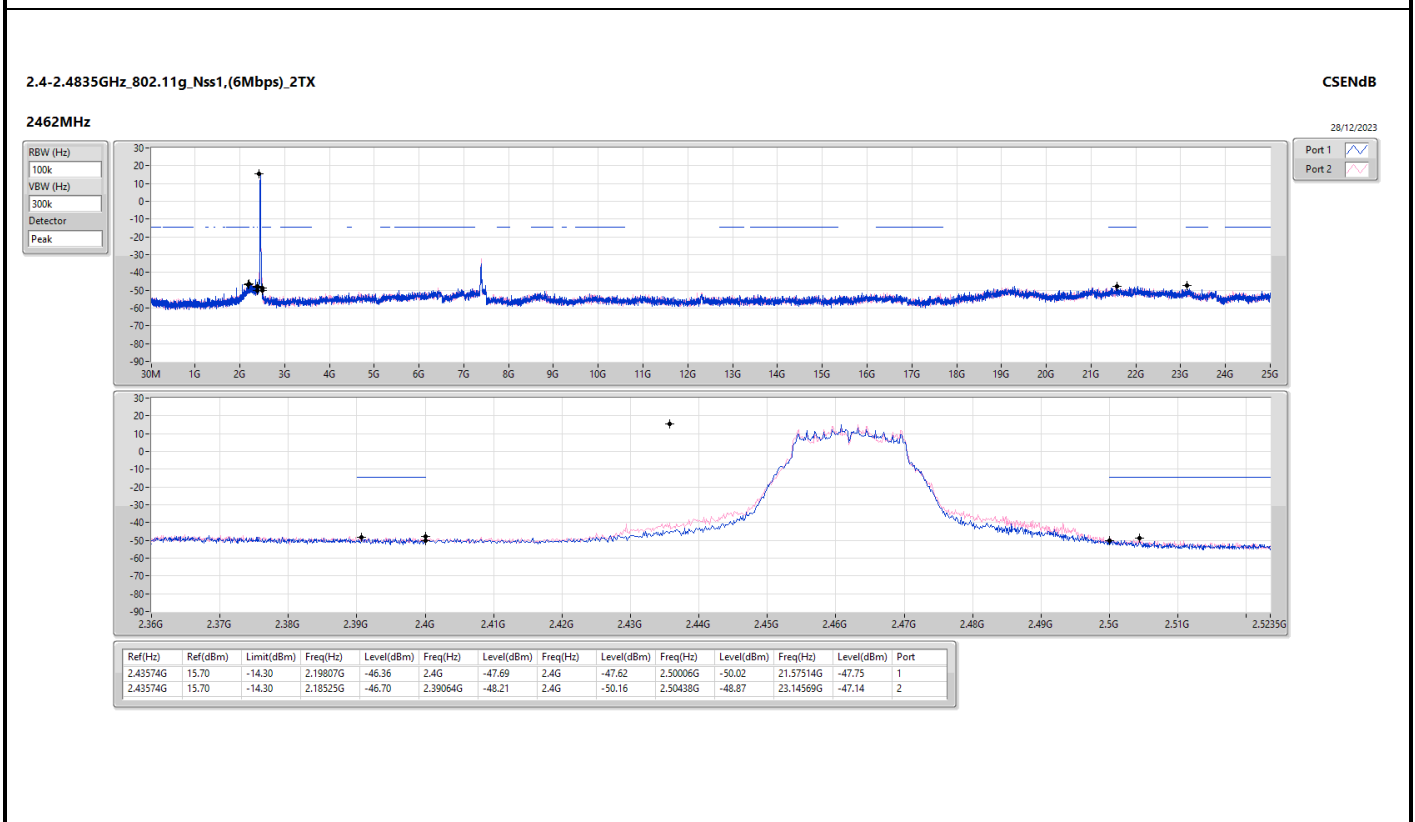
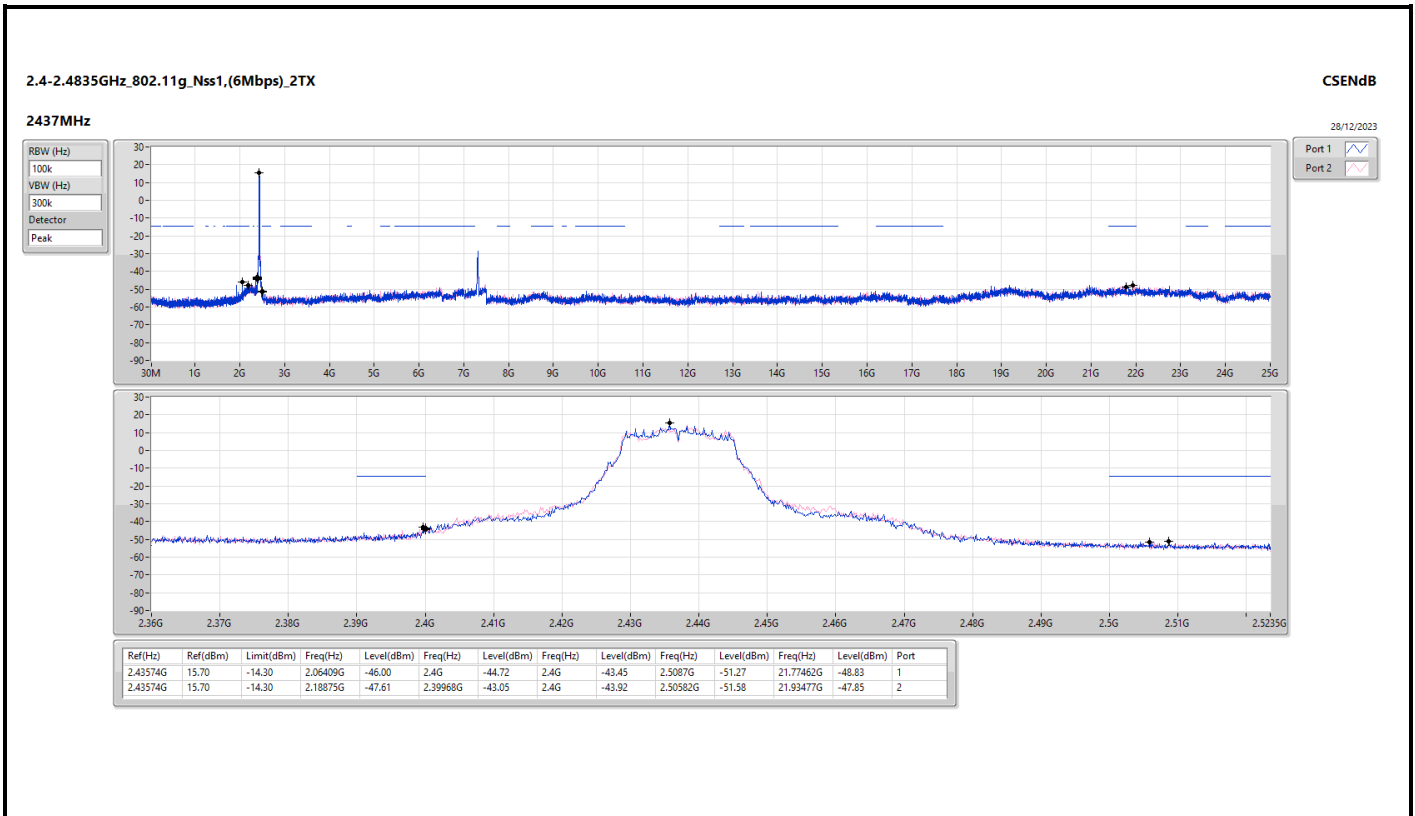
Appendix E.1

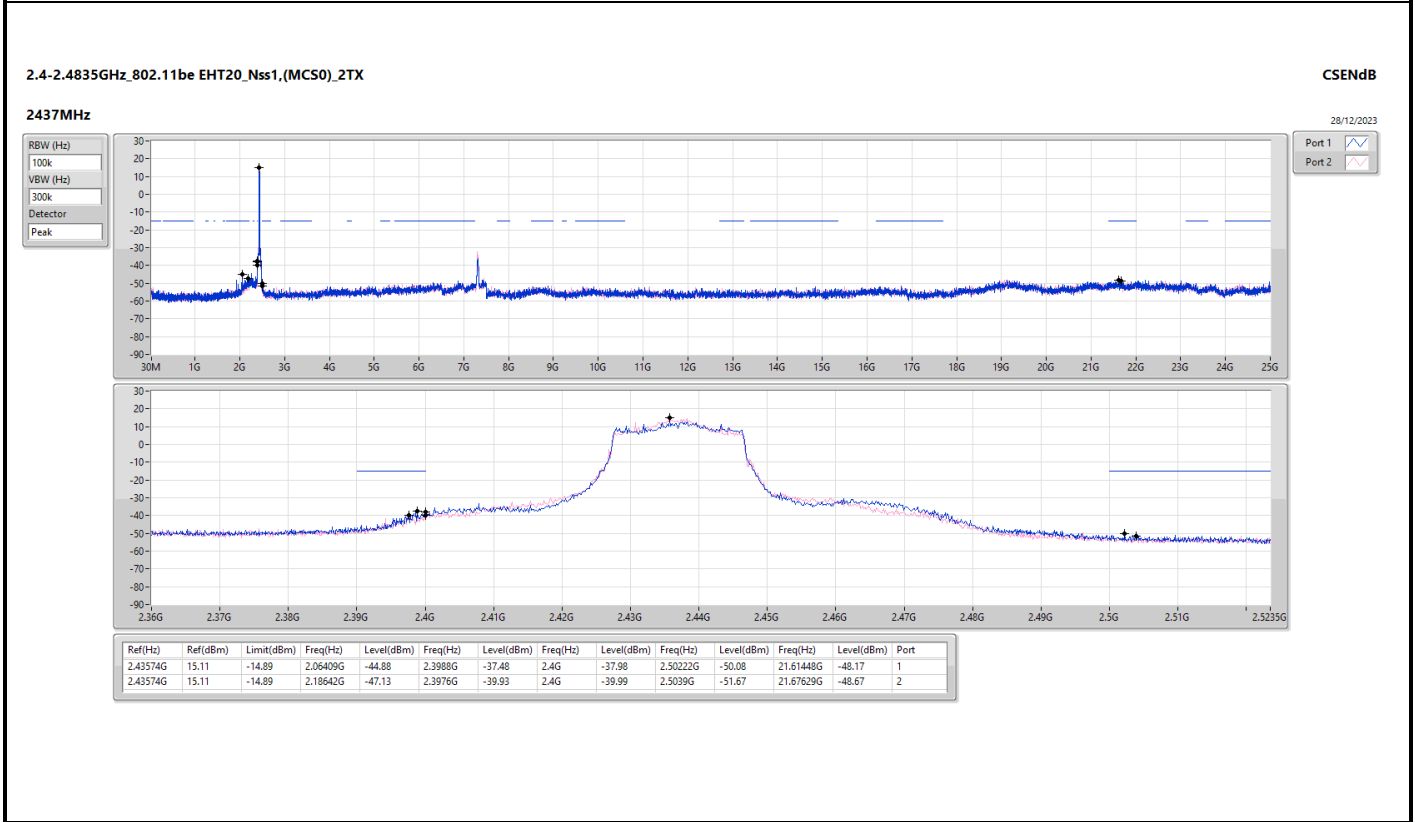
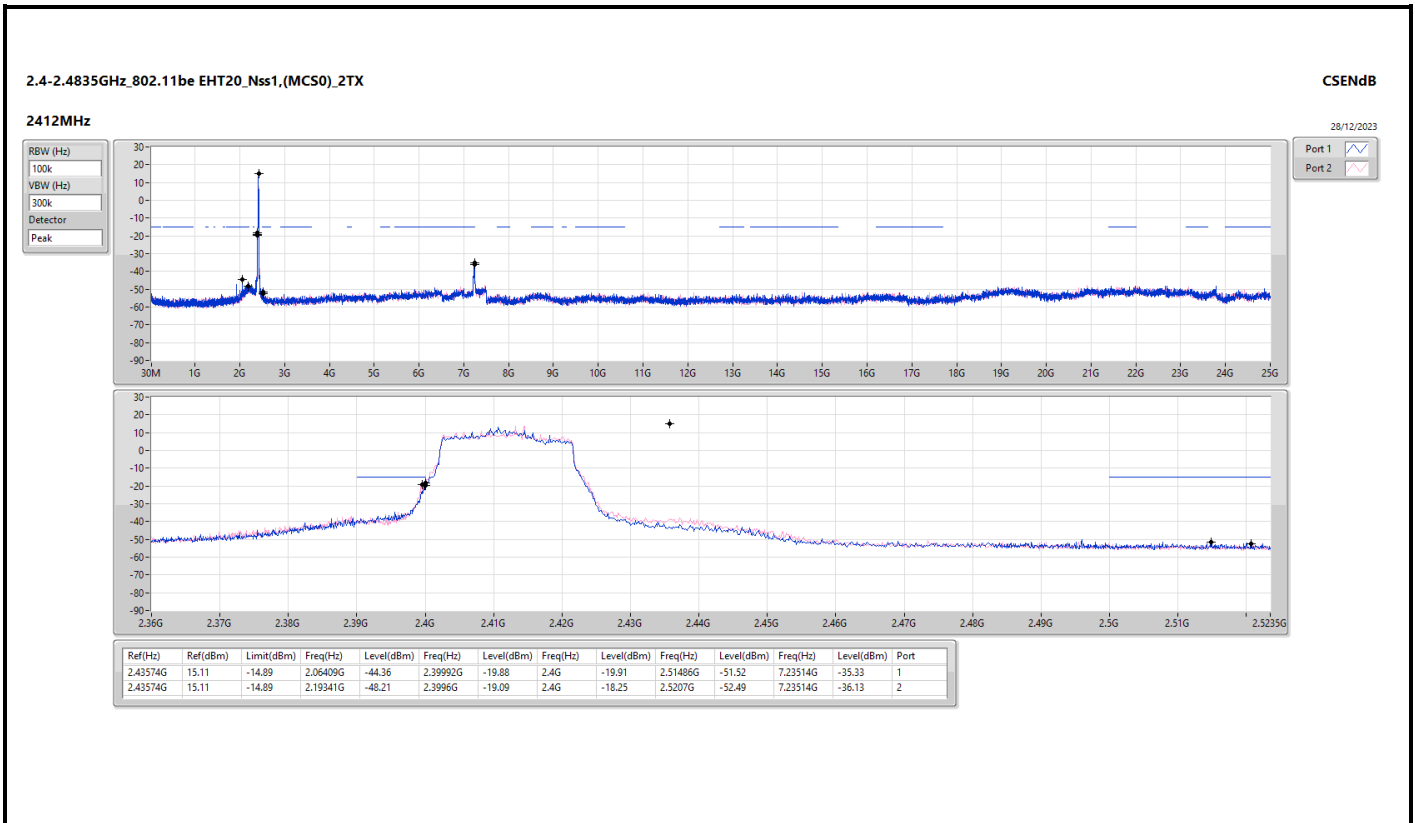
Result

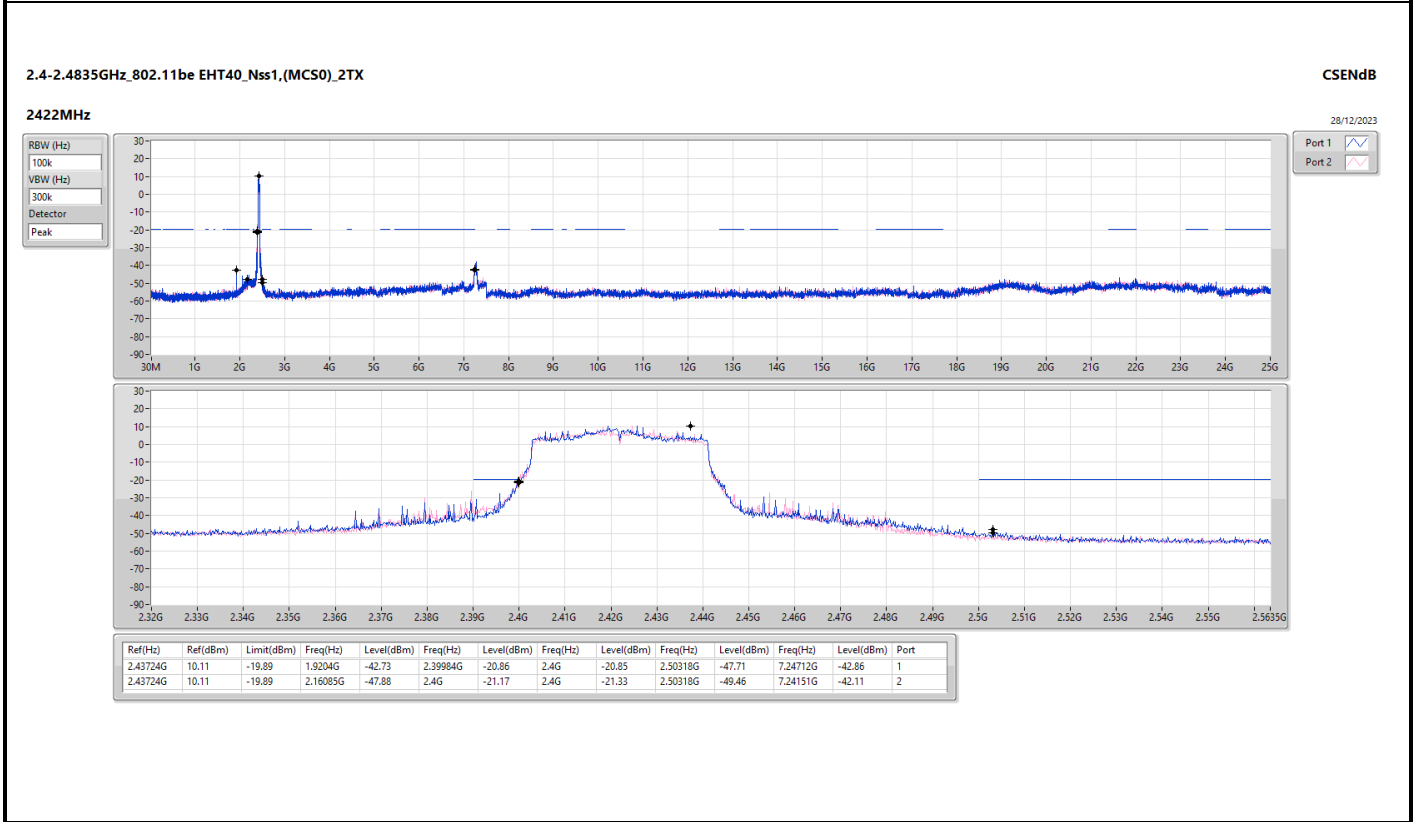
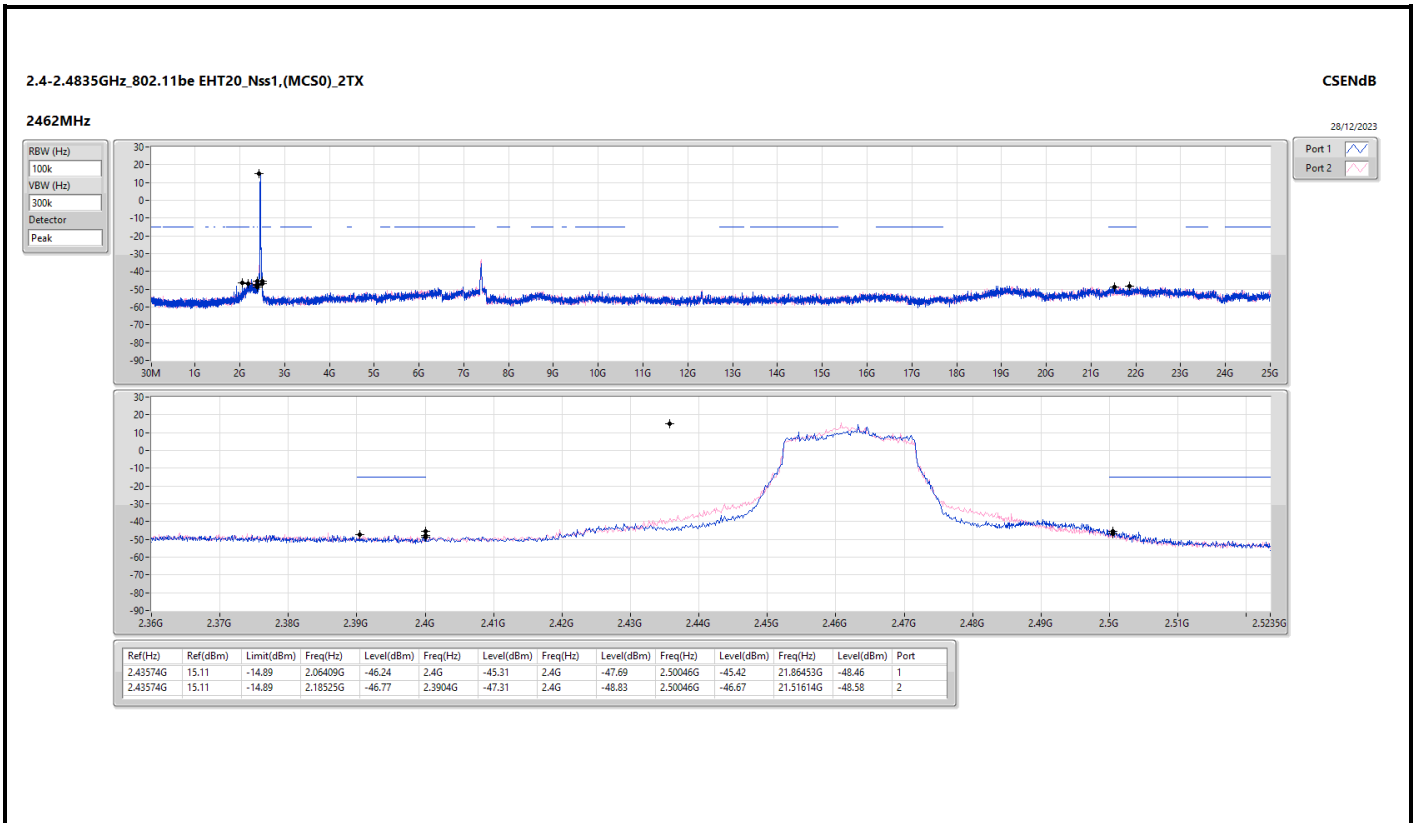
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43557G	15.53	-14.47	2.06409G	-48.45	2.39848G	-32.33	2.4G	-38.60	2.5095G	-51.78	7.23514G	-31.22	1
2412MHz	Pass	2.43557G	15.53	-14.47	2.16195G	-50.16	2.39856G	-28.92	2.4G	-37.26	2.51038G	-52.18	7.23233G	-29.75	2
2437MHz	Pass	2.43557G	15.53	-14.47	2.06409G	-49.48	2.39912G	-50.94	2.4G	-50.75	2.51526G	-52.86	21.95724G	-46.64	1
2437MHz	Pass	2.43557G	15.53	-14.47	2.30059G	-51.42	2.39264G	-50.16	2.4G	-50.21	2.51166G	-52.88	23.19626G	-48.64	2
2462MHz	Pass	2.43557G	15.53	-14.47	2.16661G	-47.66	2.4G	-48.14	2.4G	-48.85	2.5127G	-51.20	21.51333G	-48.46	1
2462MHz	Pass	2.43557G	15.53	-14.47	2.18875G	-49.31	2.3988G	-50.27	2.4G	-48.91	2.50222G	-50.95	21.48524G	-47.46	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	15.70	-14.30	2.06409G	-46.62	2.39992G	-21.16	2.4G	-20.77	2.52166G	-51.40	7.23795G	-34.32	1
2412MHz	Pass	2.43574G	15.70	-14.30	2.06409G	-47.85	2.39992G	-22.59	2.4G	-19.59	2.51894G	-52.29	7.23514G	-30.34	2
2437MHz	Pass	2.43574G	15.70	-14.30	2.06409G	-46.00	2.4G	-44.72	2.4G	-43.45	2.5087G	-51.27	21.77462G	-48.83	1
2437MHz	Pass	2.43574G	15.70	-14.30	2.18875G	-47.61	2.39968G	-43.05	2.4G	-43.92	2.50582G	-51.58	21.93477G	-47.85	2
2462MHz	Pass	2.43574G	15.70	-14.30	2.19807G	-46.36	2.4G	-47.69	2.4G	-47.62	2.50006G	-50.02	21.57514G	-47.75	1
2462MHz	Pass	2.43574G	15.70	-14.30	2.18525G	-46.70	2.39064G	-48.21	2.4G	-50.16	2.50438G	-48.87	23.14569G	-47.14	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	15.11	-14.89	2.06409G	-44.36	2.39992G	-19.88	2.4G	-19.91	2.51486G	-51.52	7.23514G	-35.33	1
2412MHz	Pass	2.43574G	15.11	-14.89	2.19341G	-48.21	2.3996G	-19.09	2.4G	-18.25	2.5207G	-52.49	7.23514G	-36.13	2
2437MHz	Pass	2.43574G	15.11	-14.89	2.06409G	-44.88	2.3988G	-37.48	2.4G	-37.98	2.50222G	-50.08	21.61448G	-48.17	1
2437MHz	Pass	2.43574G	15.11	-14.89	2.18642G	-47.13	2.3976G	-39.93	2.4G	-39.99	2.5039G	-51.67	21.67629G	-48.67	2
2462MHz	Pass	2.43574G	15.11	-14.89	2.06409G	-46.24	2.4G	-45.31	2.4G	-47.69	2.50046G	-45.42	21.86453G	-48.46	1
2462MHz	Pass	2.43574G	15.11	-14.89	2.18525G	-46.77	2.3904G	-47.31	2.4G	-48.83	2.50046G	-46.67	21.51614G	-48.58	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43724G	10.11	-19.89	1.9204G	-42.73	2.39984G	-20.86	2.4G	-20.85	2.50318G	-47.71	7.24712G	-42.86	1
2422MHz	Pass	2.43724G	10.11	-19.89	2.16085G	-47.88	2.4G	-21.17	2.4G	-21.33	2.50318G	-49.46	7.24151G	-42.11	2
2437MHz	Pass	2.43724G	10.11	-19.89	1.9204G	-42.95	2.39328G	-34.21	2.4G	-37.89	2.5019G	-40.57	21.49149G	-49.13	1
2437MHz	Pass	2.43724G	10.11	-19.89	2.30054G	-46.89	2.39952G	-29.50	2.4G	-35.43	2.50062G	-41.73	21.57002G	-48.88	2
2452MHz	Pass	2.43724G	10.11	-19.89	1.9204G	-45.10	2.39584G	-43.93	2.4G	-46.84	2.50126G	-46.47	21.41577G	-48.22	1
2452MHz	Pass	2.43724G	10.11	-19.89	1.9204G	-48.35	2.3952G	-46.35	2.4G	-48.41	2.50062G	-42.11	21.51112G	-48.05	2

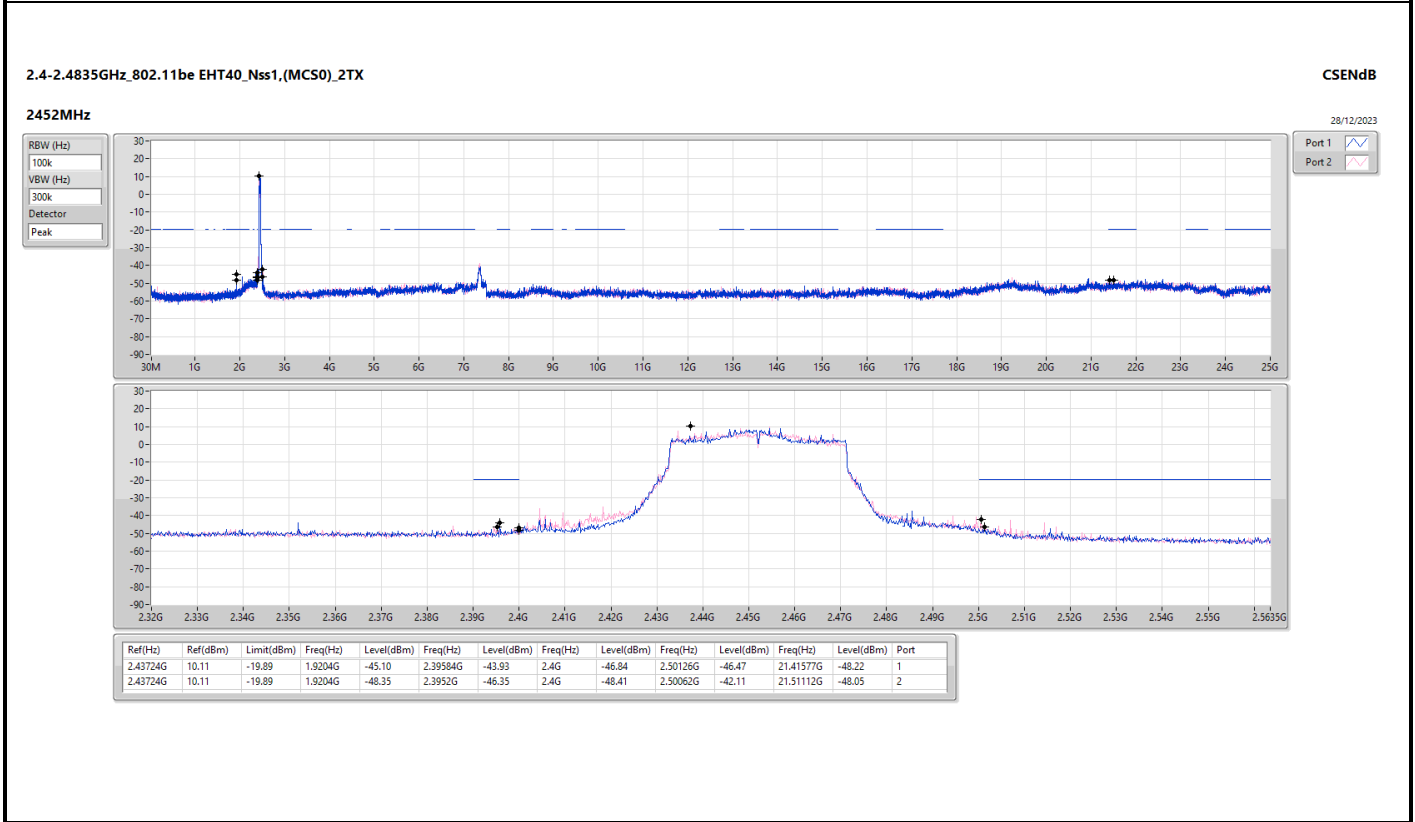
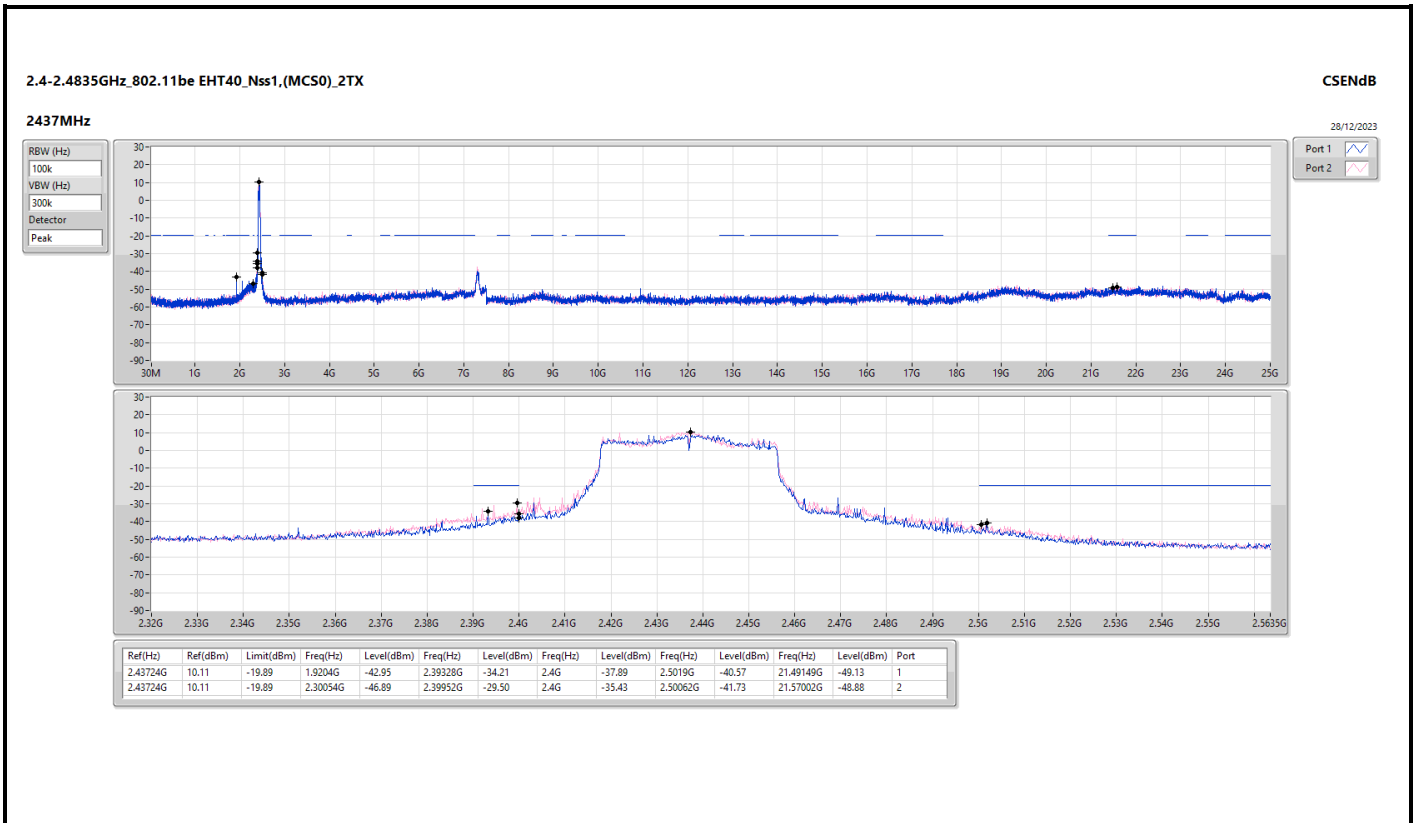














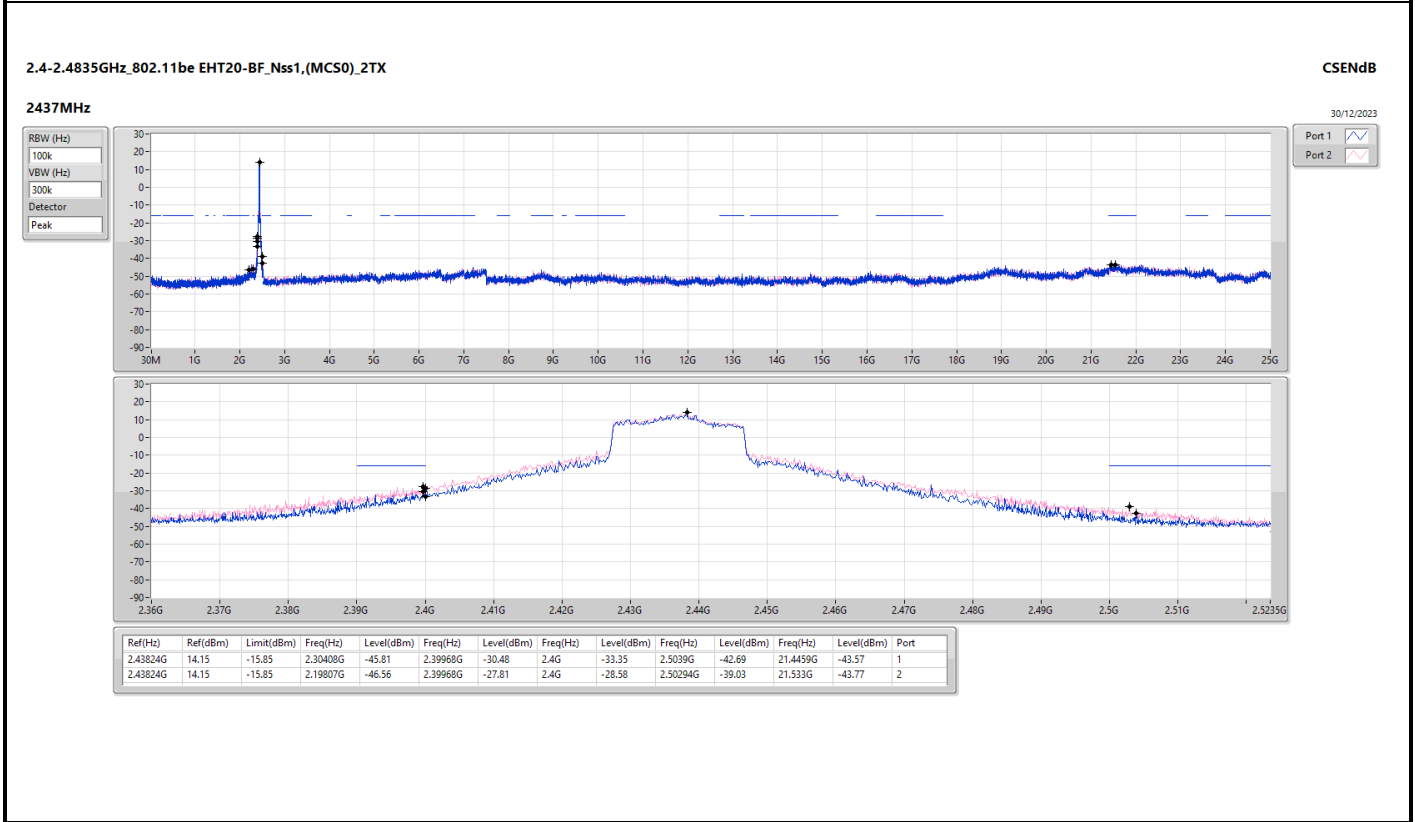
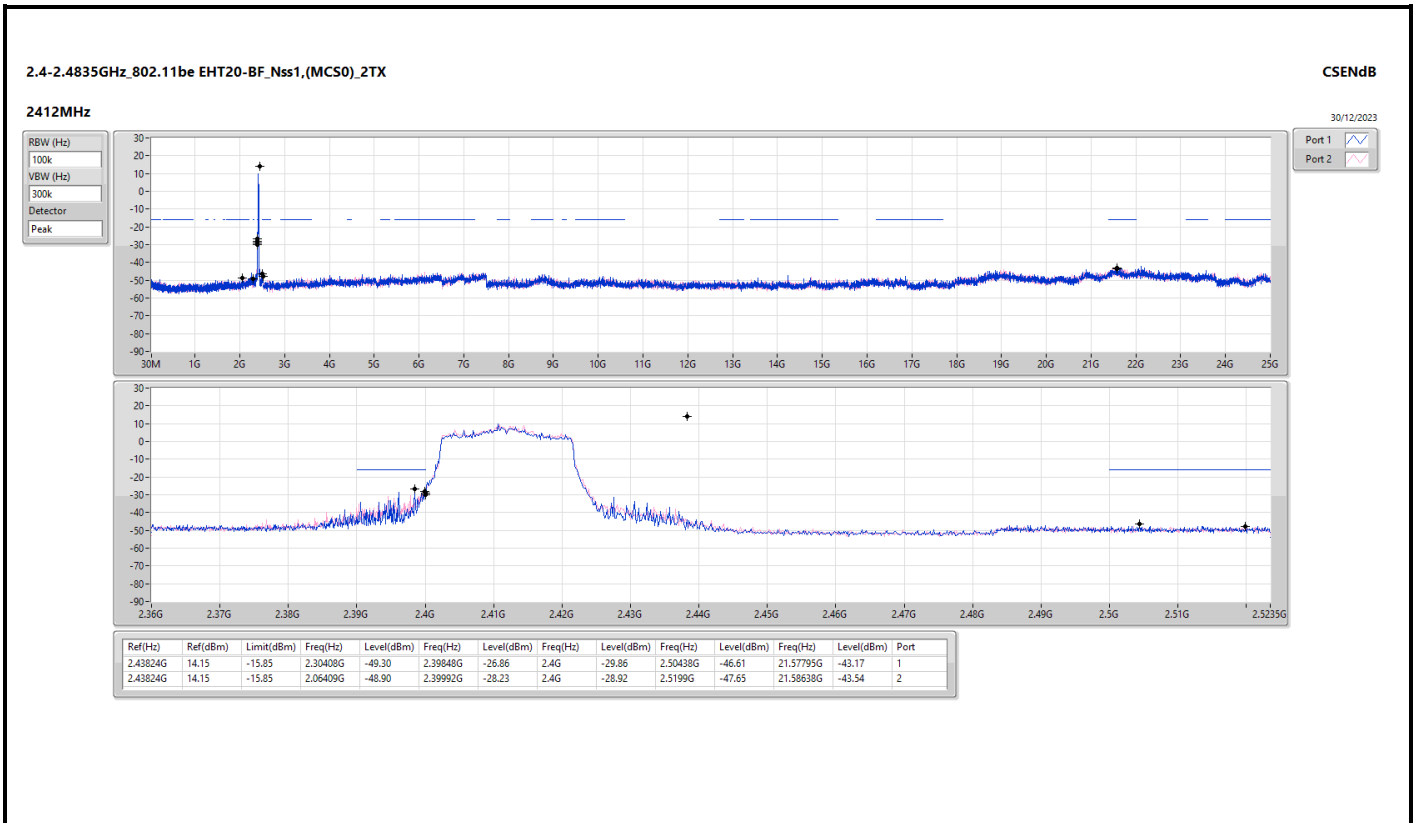
Summary

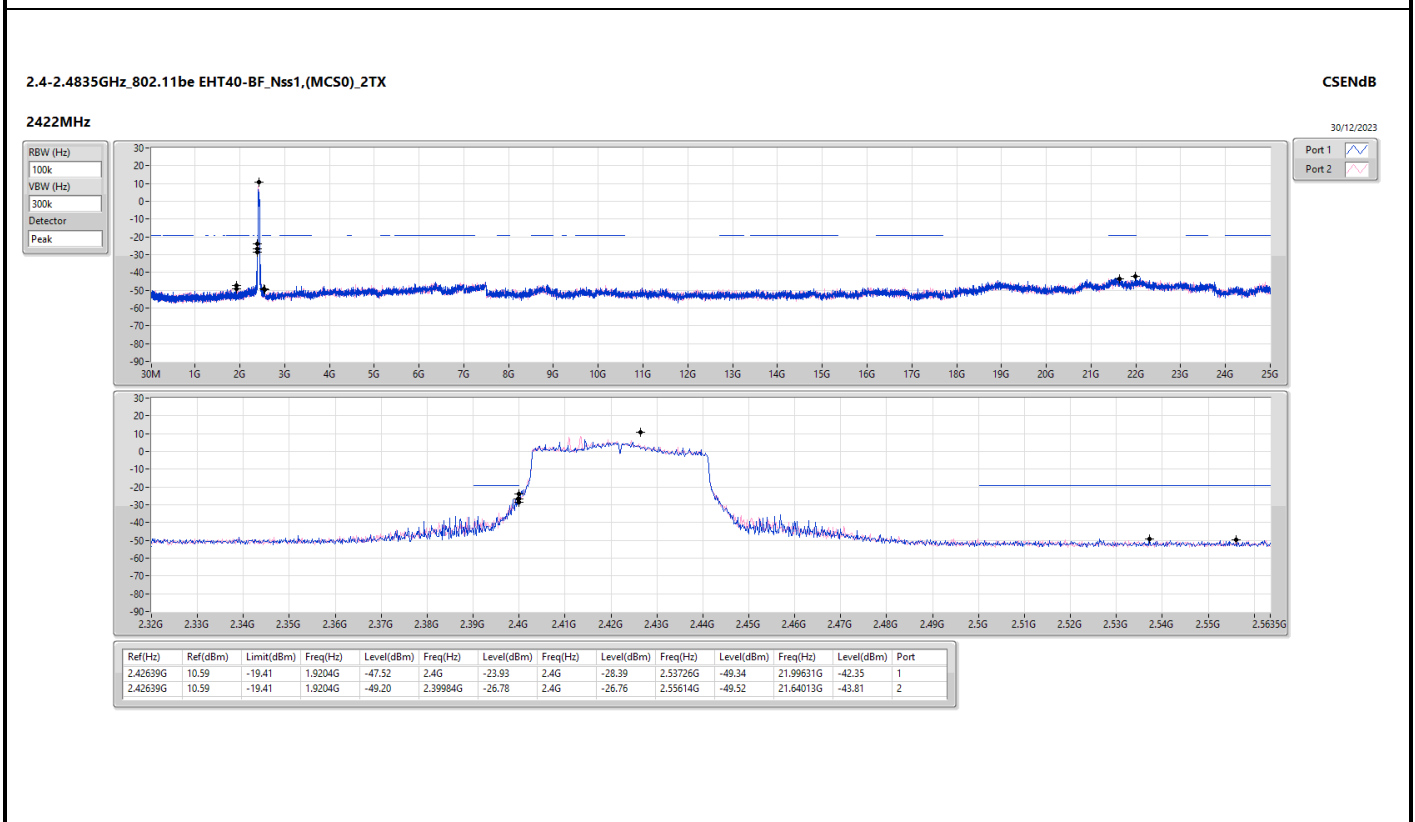
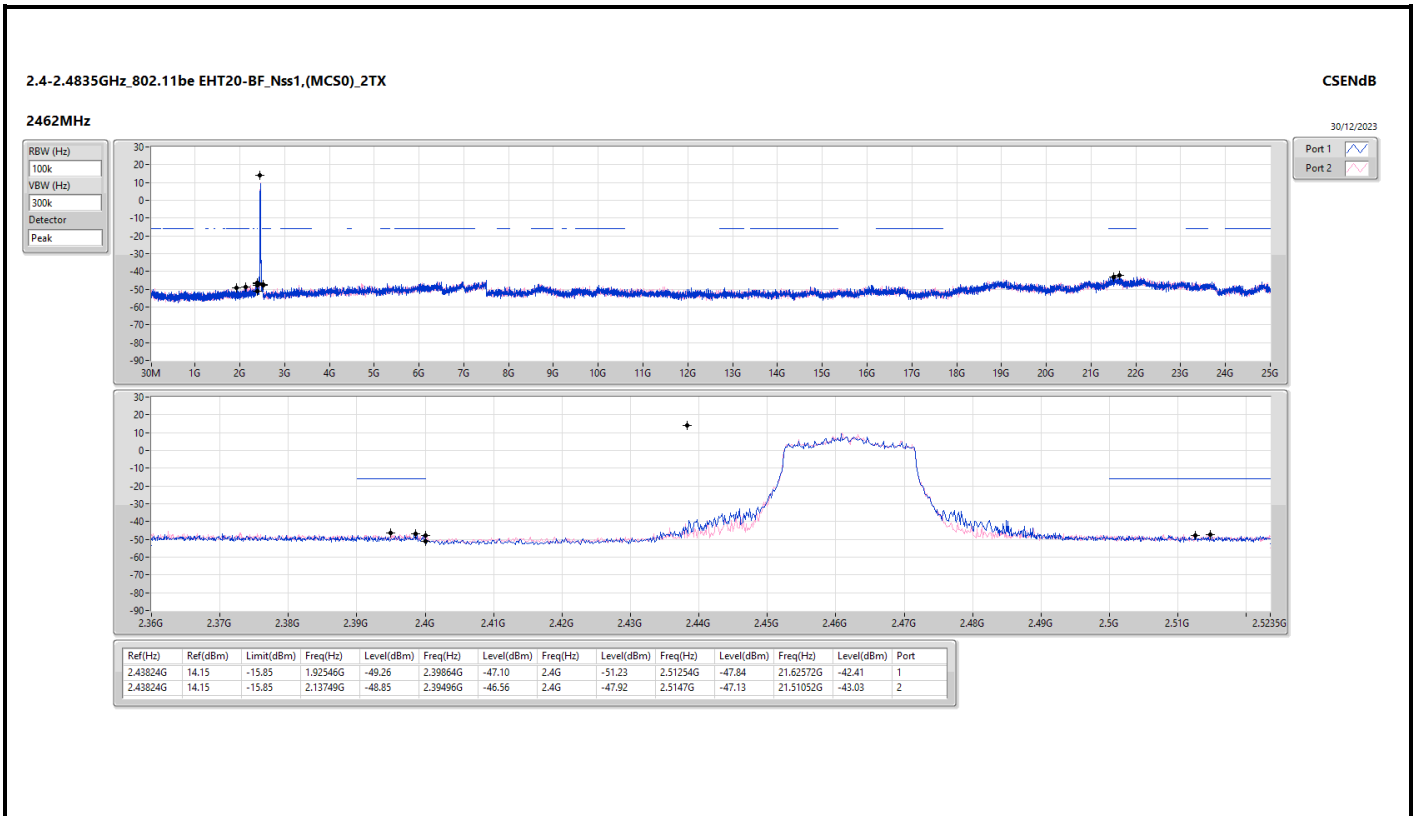
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43824G	14.15	-15.85	2.30408G	-49.30	2.39848G	-26.86	2.4G	-29.86	2.50438G	-46.61	21.57795G	-43.17	1
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42639G	10.59	-19.41	1.9204G	-47.52	2.4G	-23.93	2.4G	-28.39	2.53726G	-49.34	21.99631G	-42.35	1

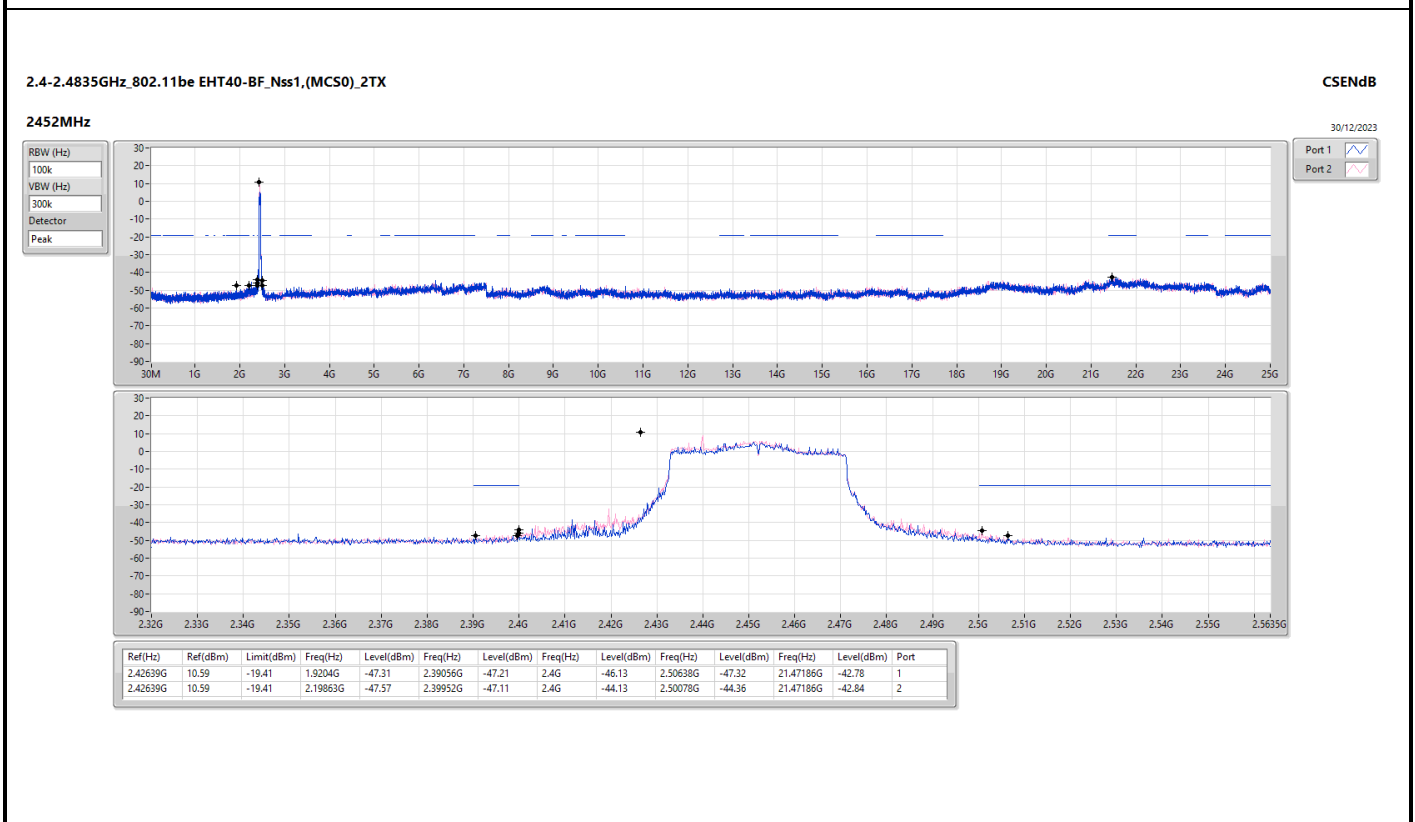
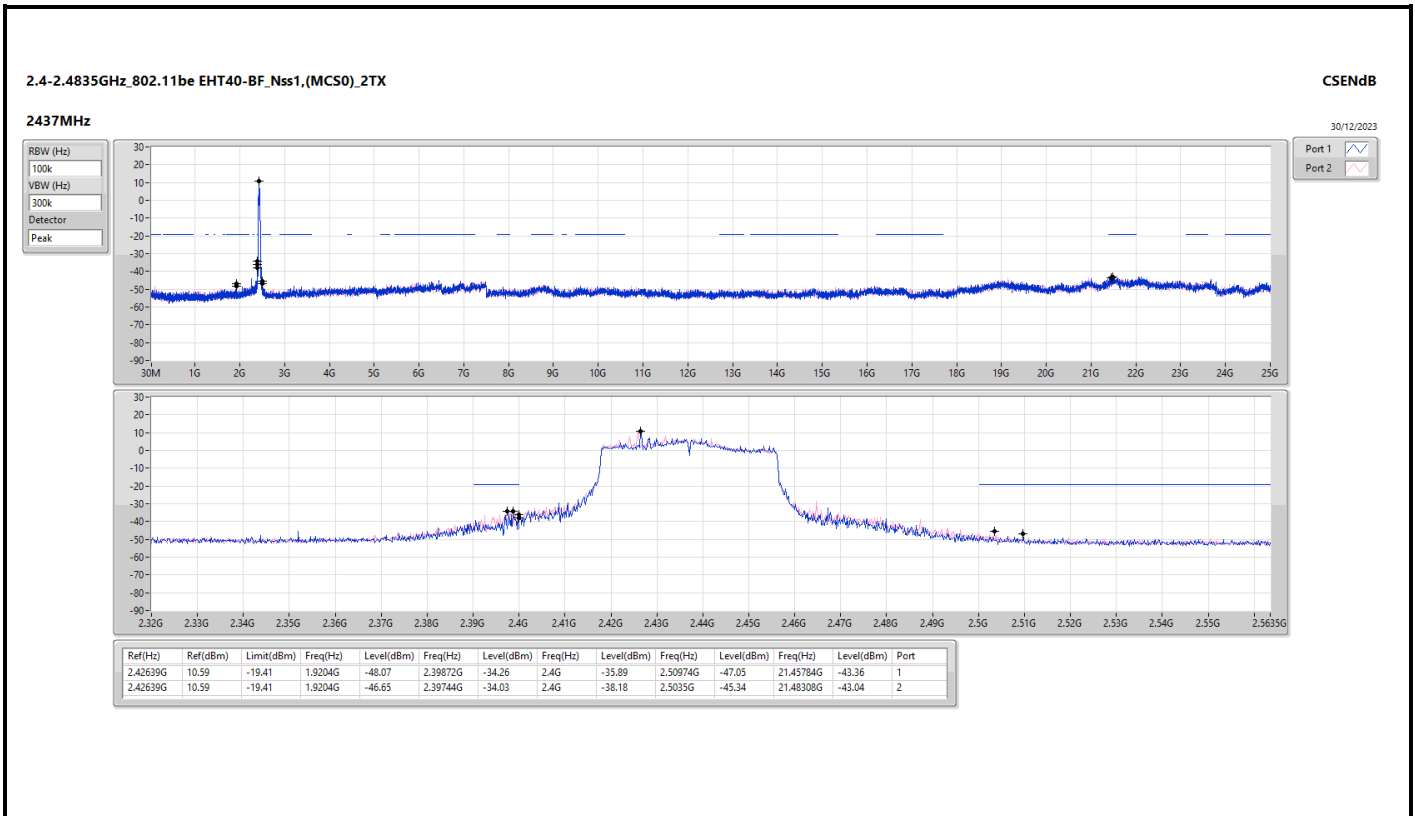


Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	14.15	-15.85	2.30408G	-49.30	2.39848G	-26.86	2.4G	-29.86	2.50438G	-46.61	21.57795G	-43.17	1
2412MHz	Pass	2.43824G	14.15	-15.85	2.06409G	-48.90	2.39992G	-28.23	2.4G	-28.92	2.5199G	-47.65	21.58638G	-43.54	2
2437MHz	Pass	2.43824G	14.15	-15.85	2.30408G	-45.81	2.39968G	-30.48	2.4G	-33.35	2.5039G	-42.69	21.4459G	-43.57	1
2437MHz	Pass	2.43824G	14.15	-15.85	2.19807G	-46.56	2.39968G	-27.81	2.4G	-28.58	2.50294G	-39.03	21.533G	-43.77	2
2462MHz	Pass	2.43824G	14.15	-15.85	1.92546G	-49.26	2.39864G	-47.10	2.4G	-51.23	2.51254G	-47.84	21.62572G	-42.41	1
2462MHz	Pass	2.43824G	14.15	-15.85	2.13749G	-48.85	2.39496G	-46.56	2.4G	-47.92	2.5147G	-47.13	21.51052G	-43.03	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42639G	10.59	-19.41	1.9204G	-47.52	2.4G	-23.93	2.4G	-28.39	2.53726G	-49.34	21.99631G	-42.35	1
2422MHz	Pass	2.42639G	10.59	-19.41	1.9204G	-49.20	2.39984G	-26.78	2.4G	-26.76	2.55614G	-49.52	21.64013G	-43.81	2
2437MHz	Pass	2.42639G	10.59	-19.41	1.9204G	-48.07	2.39872G	-34.26	2.4G	-35.89	2.50974G	-47.05	21.45784G	-43.36	1
2437MHz	Pass	2.42639G	10.59	-19.41	1.9204G	-46.65	2.39744G	-34.03	2.4G	-38.18	2.5035G	-45.34	21.48308G	-43.04	2
2452MHz	Pass	2.42639G	10.59	-19.41	1.9204G	-47.31	2.39056G	-47.21	2.4G	-46.13	2.50638G	-47.32	21.47186G	-42.78	1
2452MHz	Pass	2.42639G	10.59	-19.41	2.19863G	-47.57	2.39952G	-47.11	2.4G	-44.13	2.50078G	-44.36	21.47186G	-42.84	2





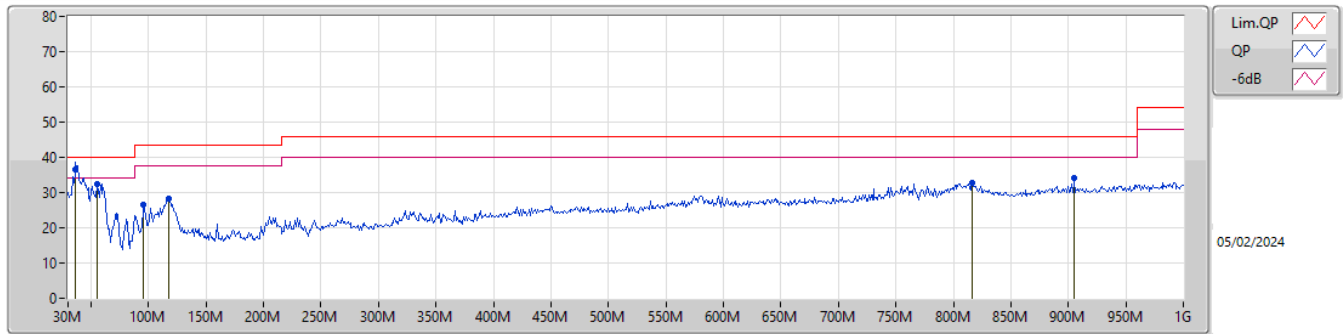




Summary

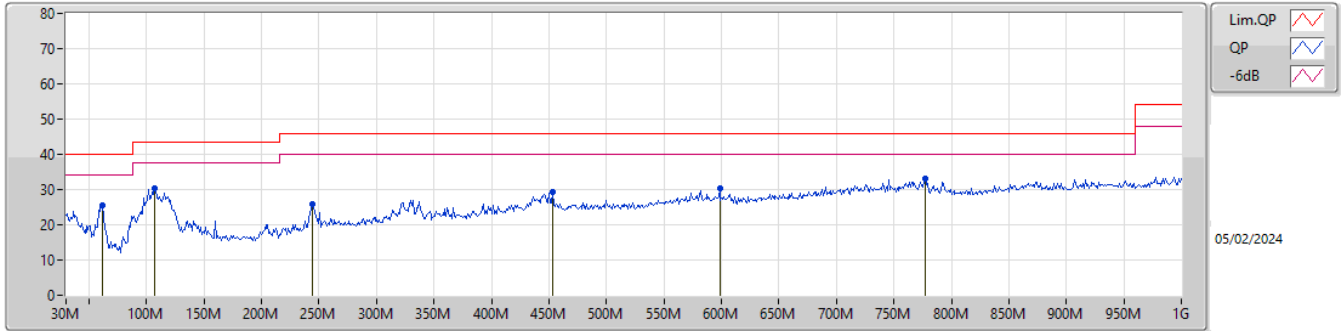
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	36.79M	36.63	40.00	-3.37	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	36.79M	36.63	40.00	-3.37	-10.10	3	Vertical	24	1.00	"Worst"	46.73	20.49	1.12	31.71
PK	55.22M	32.44	40.00	-7.56	-17.70	3	Vertical	318	1.50	-	50.14	12.85	1.33	31.88
PK	95.96M	26.62	43.50	-16.88	-14.11	3	Vertical	84	1.50	-	40.73	16.15	1.73	31.99
PK	117.3M	28.21	43.50	-15.29	-11.84	3	Vertical	180	1.00	-	40.05	18.22	1.91	31.97
PK	816.67M	32.84	46.00	-13.16	-1.49	3	Vertical	360	1.25	-	34.33	25.65	5.49	32.63
PK	904.94M	34.15	46.00	-11.85	-0.22	3	Vertical	0	1.50	-	34.37	26.39	5.85	32.46

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	62.01M	25.50	40.00	-14.50	-18.35	3	Horizontal	93	3.00	-	43.85	12.17	1.41	31.93
PK	106.63M	30.26	43.50	-13.24	-12.44	3	Horizontal	249	3.00	-	42.70	17.70	1.81	31.95
PK	244.37M	25.75	46.00	-20.25	-11.54	3	Horizontal	130	1.25	-	37.29	17.71	2.79	32.04
PK	452.92M	29.32	46.00	-16.68	-5.83	3	Horizontal	63	2.00	-	35.15	22.55	3.95	32.33
PK	598.42M	30.47	46.00	-15.53	-3.56	3	Horizontal	140	1.50	-	34.03	24.37	4.60	32.53
PK	776.9M	33.19	46.00	-12.81	-1.74	3	Horizontal	100	1.25	"Worst"	34.93	25.55	5.34	32.63

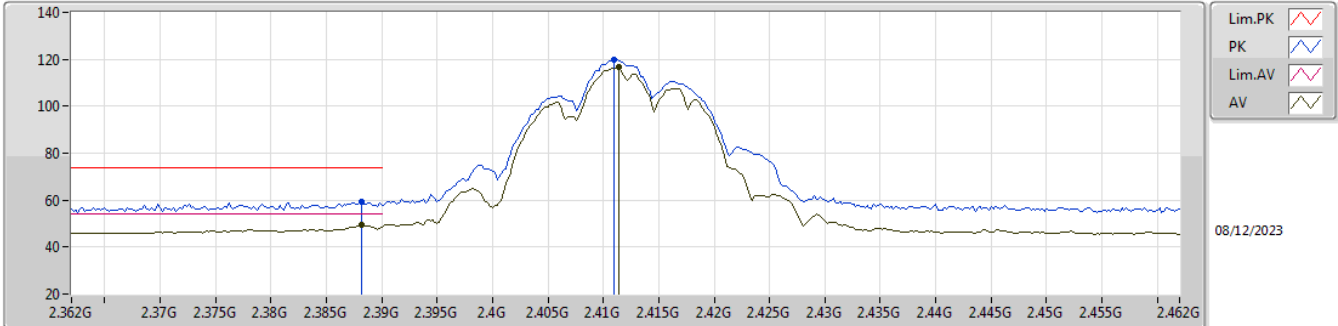


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.68	54.00	-0.32	3	Vertical	173	3.00	-

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

2412MHz_TX

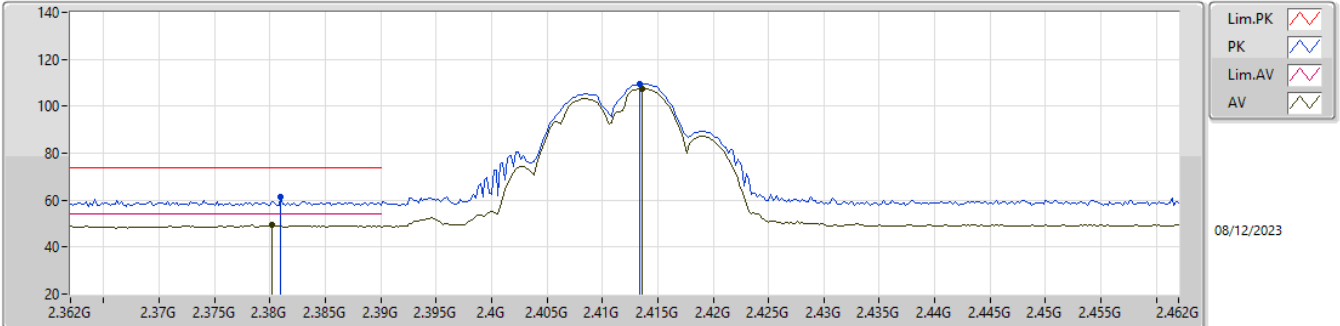


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	59.29	74.00	-14.71	27.12	3	Vertical	167	3.00	-	27.52	4.65	-
AV	2.3882G	49.29	54.00	-4.71	17.12	3	Vertical	167	3.00	-	27.52	4.65	-
PK	2.411G	120.01	Inf	-Inf	87.65	3	Vertical	167	3.00	-	27.70	4.66	-
AV	2.4114G	116.54	Inf	-Inf	84.18	3	Vertical	167	3.00	-	27.70	4.66	-

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

2412MHz_TX

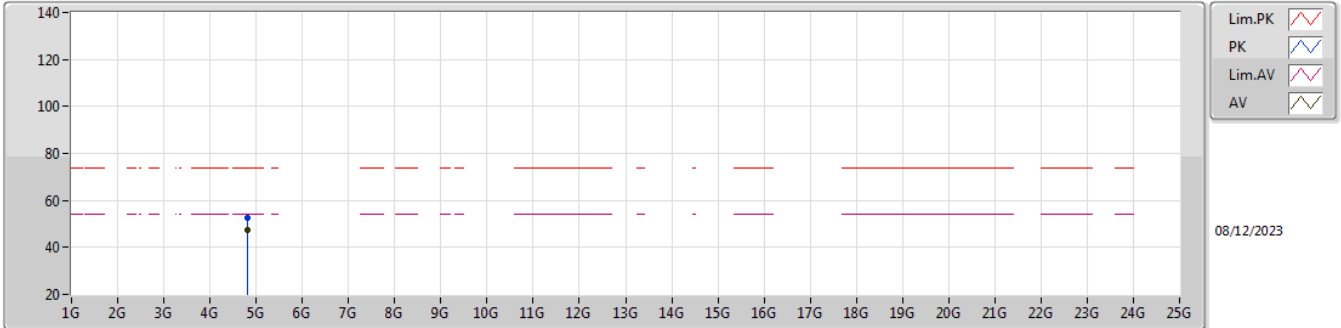


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.381G	61.26	74.00	-12.74	29.03	3	Horizontal	60	1.80	-	27.59	4.64	-
AV	2.3802G	49.50	54.00	-4.50	17.26	3	Horizontal	60	1.80	-	27.60	4.64	-
PK	2.4134G	109.73	Inf	-Inf	77.37	3	Horizontal	60	1.80	-	27.70	4.66	-
AV	2.4136G	107.50	Inf	-Inf	75.14	3	Horizontal	60	1.80	-	27.70	4.66	-

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

2412MHz_TX

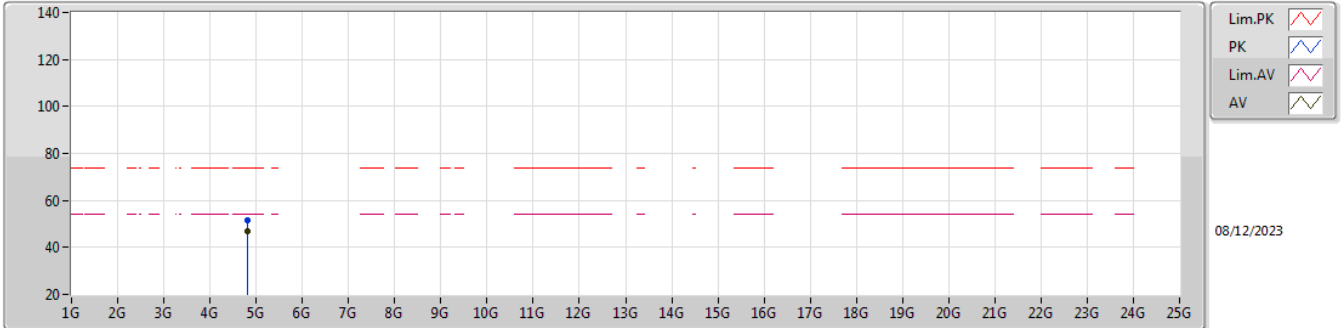


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.824G	52.66	74.00	-21.34	46.20	3	Vertical	211	2.97	-	32.50	6.93	32.97
AV	4.824G	47.41	54.00	-6.59	40.95	3	Vertical	211	2.97	-	32.50	6.93	32.97

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

2412MHz_TX

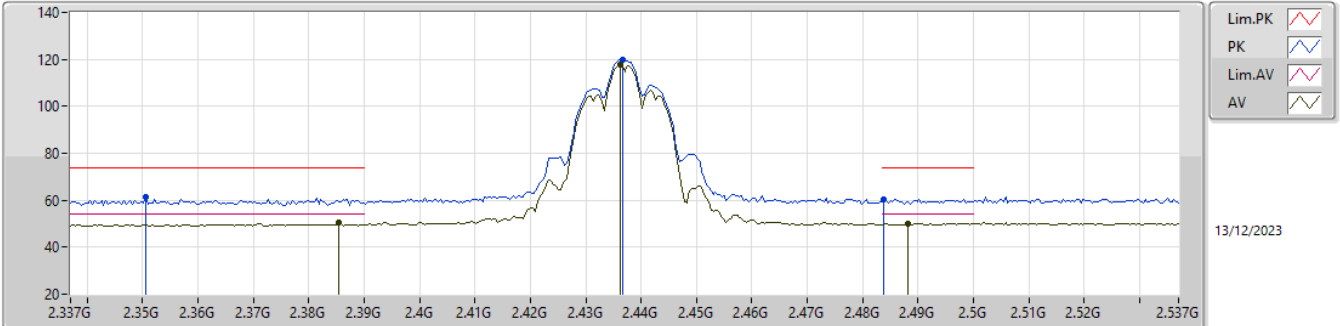


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82394G	51.60	74.00	-22.40	45.14	3	Horizontal	11	2.60	-	32.50	6.93	32.97
AV	4.82406G	46.66	54.00	-7.34	40.20	3	Horizontal	11	2.60	-	32.50	6.93	32.97

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

2437MHz_TX

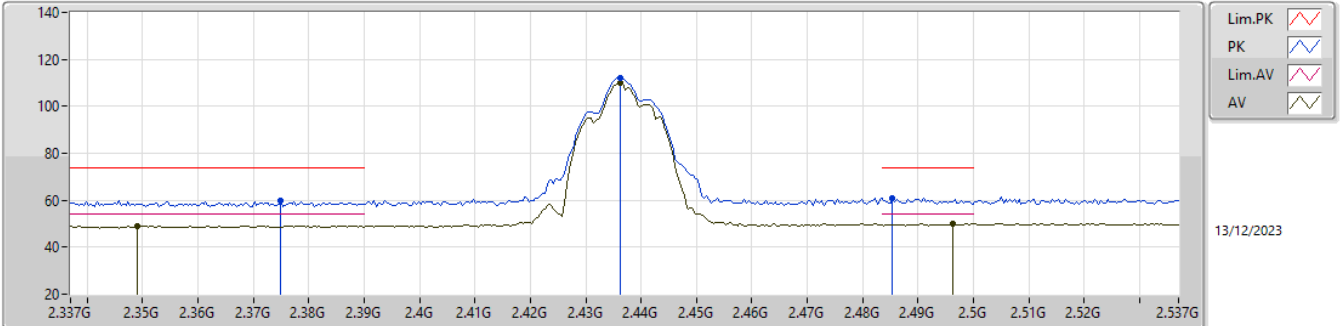


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3506G	61.27	74.00	-12.73	29.37	3	Vertical	180	3.00	-	27.30	4.60	-
AV	2.3854G	50.30	54.00	-3.70	18.10	3	Vertical	180	3.00	-	27.55	4.65	-
PK	2.4366G	119.84	Inf	-Inf	87.53	3	Vertical	180	3.00	-	27.67	4.64	-
AV	2.4362G	117.84	Inf	-Inf	85.54	3	Vertical	180	3.00	-	27.66	4.64	-
PK	2.4838G	60.54	74.00	-13.46	28.10	3	Vertical	180	3.00	-	27.84	4.60	-
AV	2.4882G	50.15	54.00	-3.85	17.67	3	Vertical	180	3.00	-	27.88	4.60	-

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

2437MHz_TX

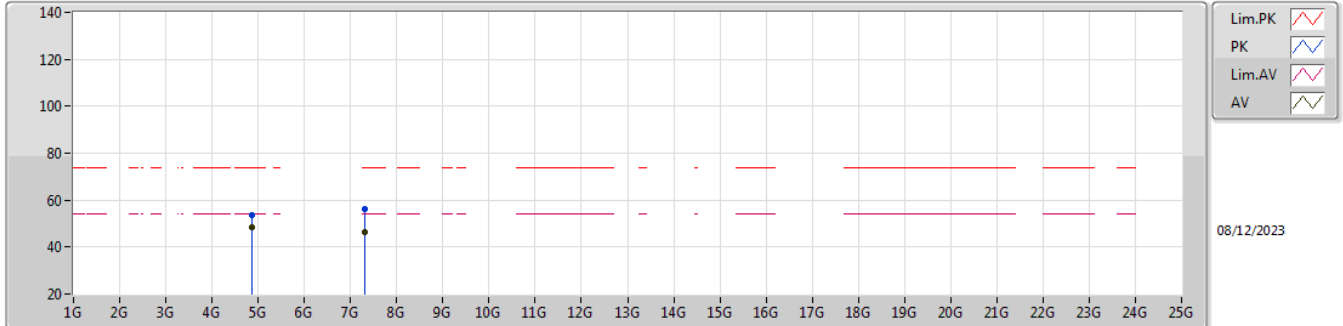


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.375G	59.80	74.00	-14.20	27.62	3	Horizontal	127	1.13	-	27.55	4.63	-
AV	2.349G	49.21	54.00	-4.79	17.31	3	Horizontal	127	1.13	-	27.30	4.60	-
PK	2.4362G	112.14	Inf	-Inf	79.84	3	Horizontal	127	1.13	-	27.66	4.64	-
AV	2.4362G	109.83	Inf	-Inf	77.53	3	Horizontal	127	1.13	-	27.66	4.64	-
PK	2.4854G	60.82	74.00	-13.18	28.37	3	Horizontal	127	1.13	-	27.85	4.60	-
AV	2.4962G	50.00	54.00	-4.00	17.45	3	Horizontal	127	1.13	-	27.96	4.59	-

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

2437MHz_TX

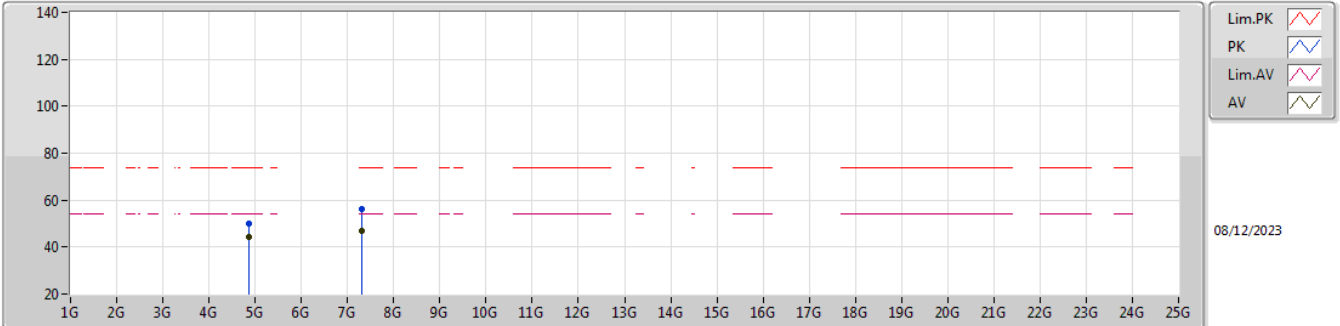


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87394G	53.49	74.00	-20.51	46.77	3	Vertical	83	2.96	-	32.70	6.98	32.96
AV	4.874G	48.37	54.00	-5.63	41.65	3	Vertical	83	2.96	-	32.70	6.98	32.96
PK	7.30872G	56.04	74.00	-17.96	43.19	3	Vertical	64	2.32	-	37.33	8.62	33.10
AV	7.30908G	46.60	54.00	-7.40	33.74	3	Vertical	64	2.32	-	37.34	8.62	33.10

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

2437MHz_TX

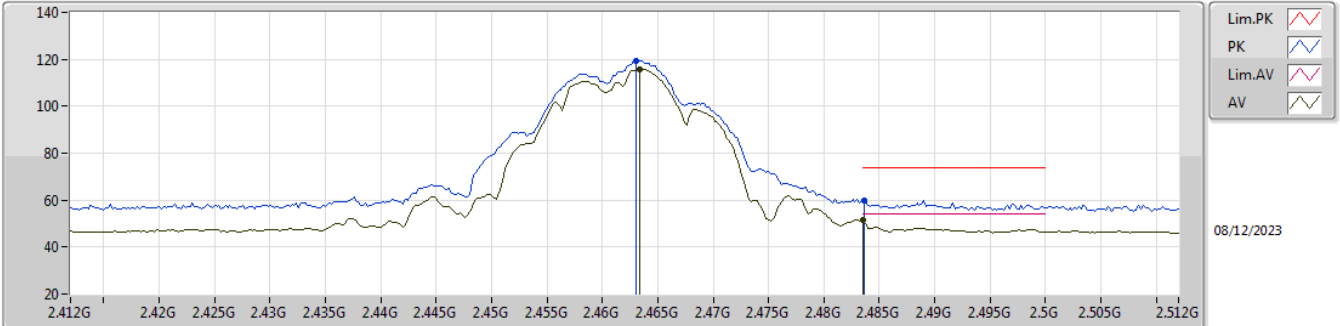


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.874G	50.20	74.00	-23.80	43.48	3	Horizontal	108	3.00	-	32.70	6.98	32.96
AV	4.87406G	44.06	54.00	-9.94	37.34	3	Horizontal	108	3.00	-	32.70	6.98	32.96
PK	7.30962G	55.97	74.00	-18.03	43.11	3	Horizontal	86	2.31	-	37.34	8.62	33.10
AV	7.30926G	46.98	54.00	-7.02	34.12	3	Horizontal	86	2.31	-	37.34	8.62	33.10

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

2462MHz_TX

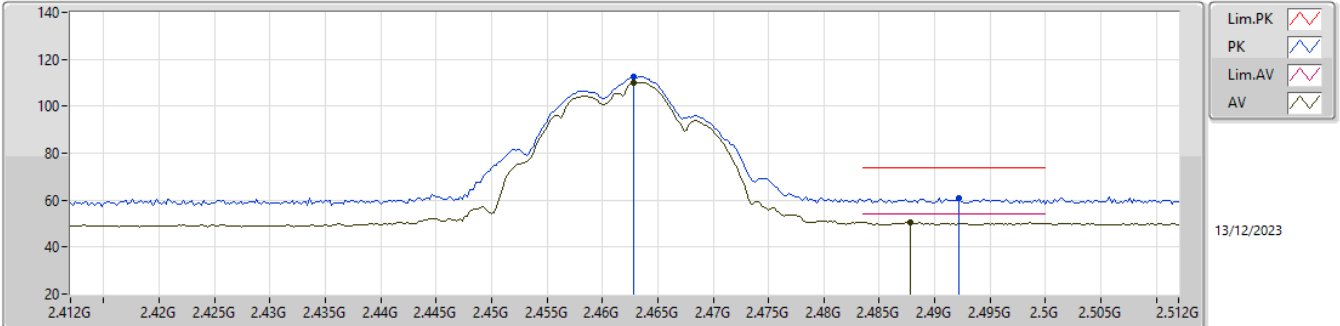


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.463G	119.39	Inf	-Inf	87.07	3	Vertical	160	3.00	-	27.70	4.62	-
AV	2.4634G	115.74	Inf	-Inf	83.42	3	Vertical	160	3.00	-	27.70	4.62	-
PK	2.4836G	59.60	74.00	-14.40	27.16	3	Vertical	160	3.00	-	27.84	4.60	-
AV	2.4835G	51.32	54.00	-2.68	18.88	3	Vertical	160	3.00	-	27.84	4.60	-

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

2462MHz_TX

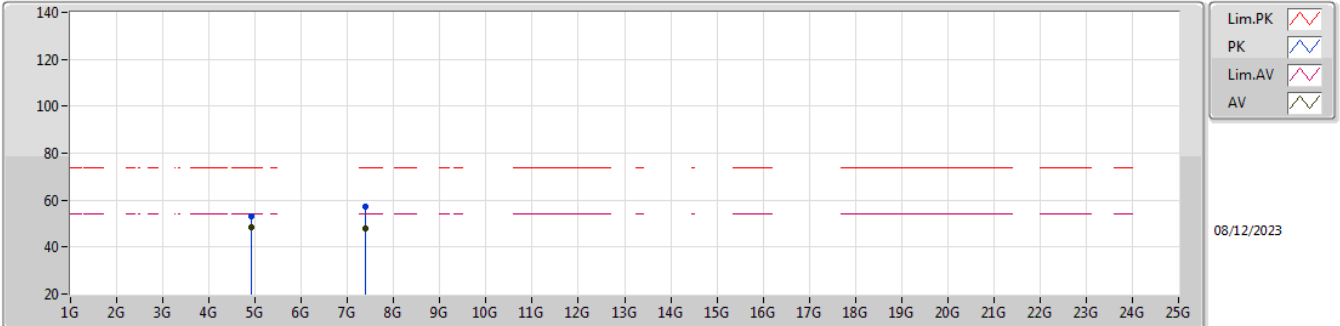


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	112.58	Inf	-Inf	80.26	3	Horizontal	146	3.00	-	27.70	4.62	-
AV	2.4628G	110.24	Inf	-Inf	77.92	3	Horizontal	146	3.00	-	27.70	4.62	-
PK	2.4922G	60.96	74.00	-13.04	28.45	3	Horizontal	146	3.00	-	27.92	4.59	-
AV	2.4878G	50.59	54.00	-3.41	18.11	3	Horizontal	146	3.00	-	27.88	4.60	-

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

2462MHz_TX

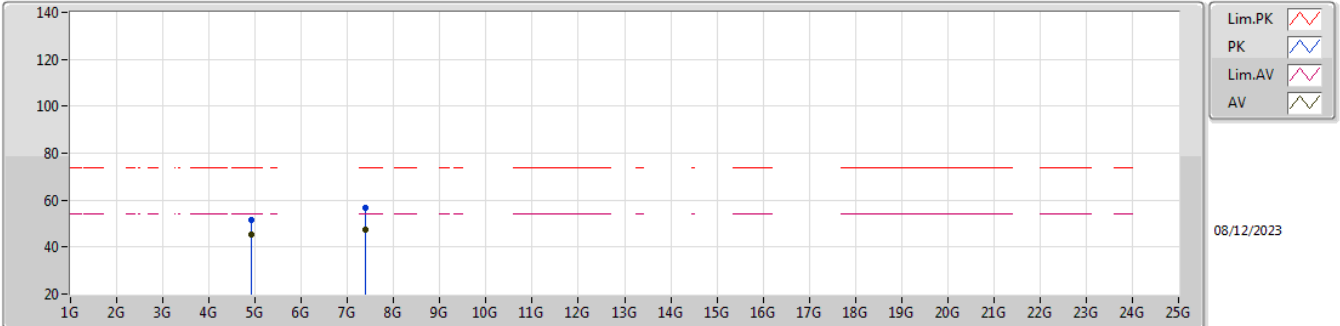


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92406G	53.30	74.00	-20.70	46.42	3	Vertical	332	2.28	-	32.80	7.03	32.95
AV	4.924G	48.56	54.00	-5.44	41.68	3	Vertical	332	2.28	-	32.80	7.03	32.95
PK	7.3839G	57.20	74.00	-16.80	44.19	3	Vertical	17	2.17	-	37.43	8.71	33.13
AV	7.3842G	48.17	54.00	-5.83	35.16	3	Vertical	17	2.17	-	37.43	8.71	33.13

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

2462MHz_TX

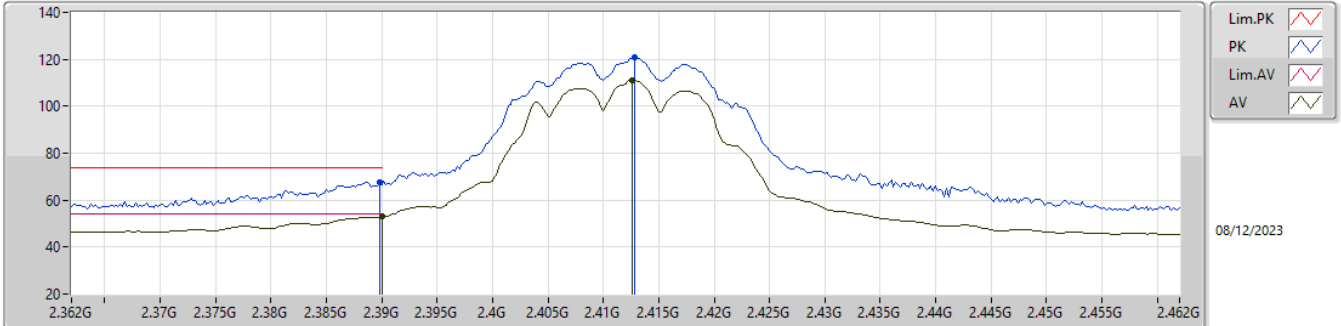


EUT_Z_2TX
Setting 25
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92394G	51.72	74.00	-22.28	44.84	3	Horizontal	292	2.43	-	32.80	7.03	32.95
AV	4.92394G	45.17	54.00	-8.83	38.29	3	Horizontal	292	2.43	-	32.80	7.03	32.95
PK	7.3839G	56.51	74.00	-17.49	43.50	3	Horizontal	68	2.30	-	37.43	8.71	33.13
AV	7.3842G	47.40	54.00	-6.60	34.39	3	Horizontal	68	2.30	-	37.43	8.71	33.13

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

2412MHz_TX

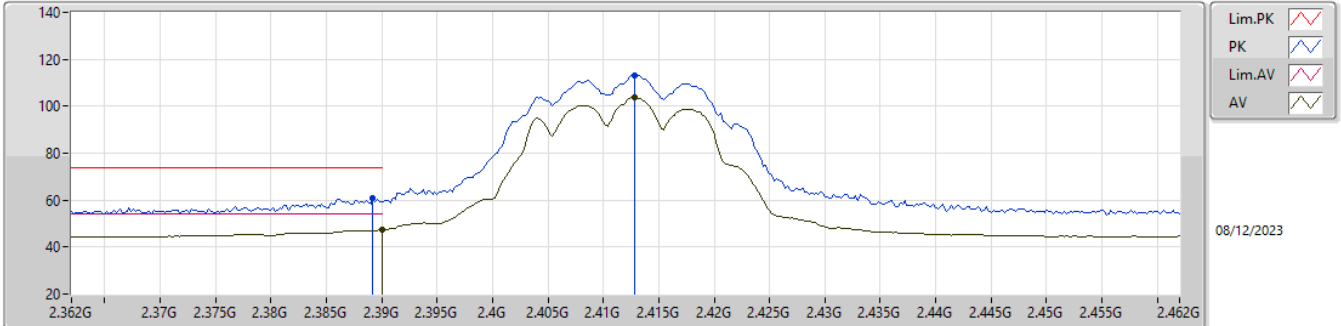


EUT_Z_2TX
Setting 24
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	67.66	74.00	-6.34	35.50	3	Vertical	168	3.00	-	27.50	4.66	-
AV	2.39G	53.13	54.00	-0.87	20.97	3	Vertical	168	3.00	-	27.50	4.66	-
PK	2.4128G	120.66	Inf	-Inf	88.30	3	Vertical	168	3.00	-	27.70	4.66	-
AV	2.4126G	111.03	Inf	-Inf	78.67	3	Vertical	168	3.00	-	27.70	4.66	-

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

2412MHz_TX

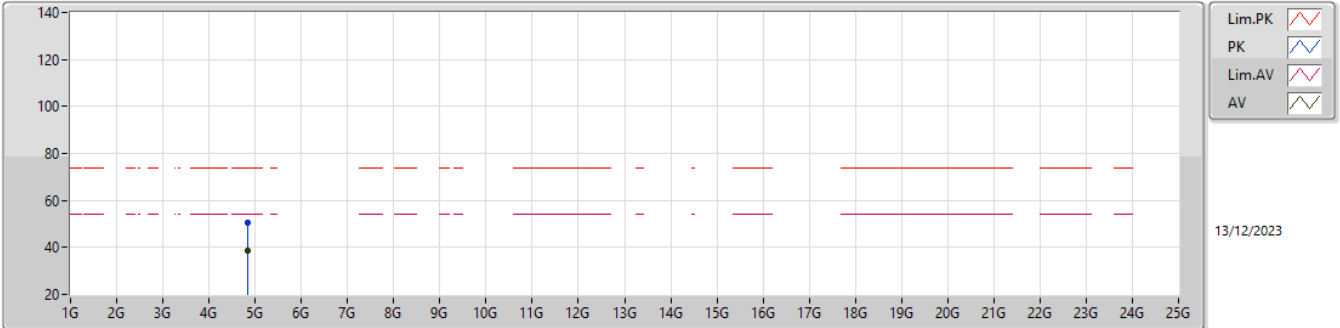


EUT_Z_2TX
Setting 24
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3892G	60.81	74.00	-13.19	28.65	3	Horizontal	58	1.14	-	27.51	4.65	-
AV	2.39G	47.44	54.00	-6.56	15.28	3	Horizontal	58	1.14	-	27.50	4.66	-
PK	2.4128G	113.30	Inf	-Inf	80.94	3	Horizontal	58	1.14	-	27.70	4.66	-
AV	2.4128G	103.70	Inf	-Inf	71.34	3	Horizontal	58	1.14	-	27.70	4.66	-

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

2412MHz_TX

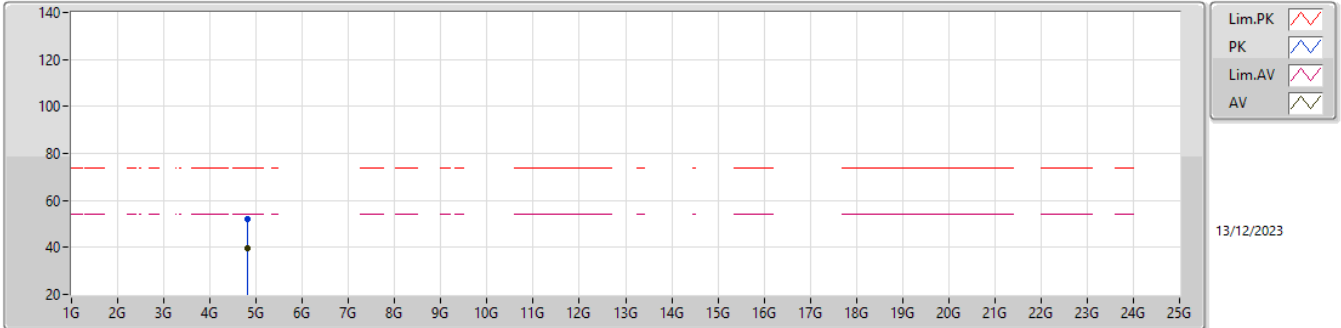


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82574G	50.65	74.00	-23.35	44.18	3	Vertical	166	1.80	-	32.50	6.94	32.97
AV	4.8261G	38.43	54.00	-15.57	31.96	3	Vertical	166	1.80	-	32.50	6.94	32.97

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

2412MHz_TX

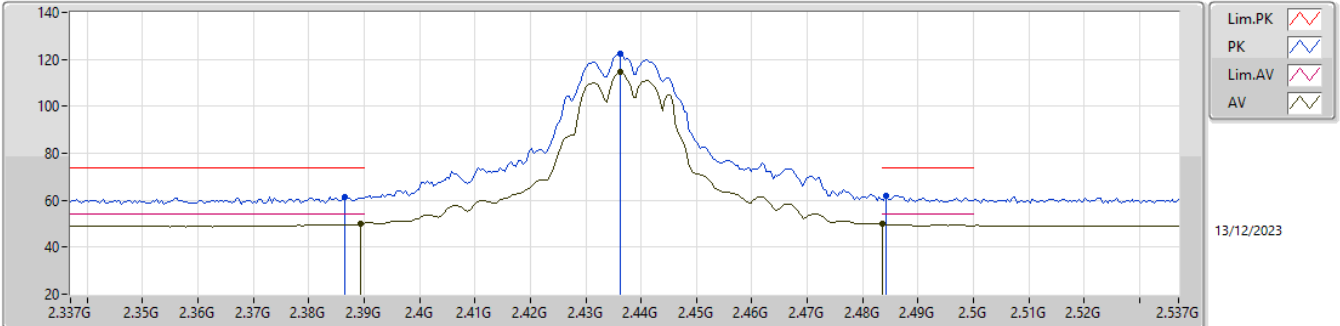


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82106G	52.07	74.00	-21.93	45.63	3	Horizontal	69	2.70	-	32.48	6.93	32.97
AV	4.82148G	39.71	54.00	-14.29	33.26	3	Horizontal	69	2.70	-	32.49	6.93	32.97

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

2437MHz_TX

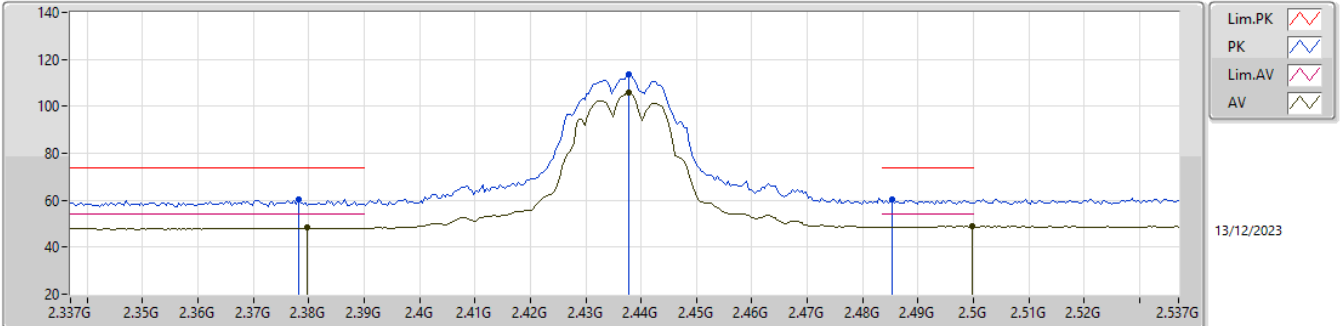


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3866G	61.56	74.00	-12.44	29.38	3	Vertical	196	2.87	-	27.53	4.65	-
AV	2.3894G	49.87	54.00	-4.13	17.71	3	Vertical	196	2.87	-	27.51	4.65	-
PK	2.4362G	122.41	Inf	-Inf	90.11	3	Vertical	196	2.87	-	27.66	4.64	-
AV	2.4362G	114.45	Inf	-Inf	82.15	3	Vertical	196	2.87	-	27.66	4.64	-
PK	2.4842G	62.10	74.00	-11.90	29.66	3	Vertical	196	2.87	-	27.84	4.60	-
AV	2.4835G	49.86	54.00	-4.14	17.42	3	Vertical	196	2.87	-	27.84	4.60	-

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

2437MHz_TX

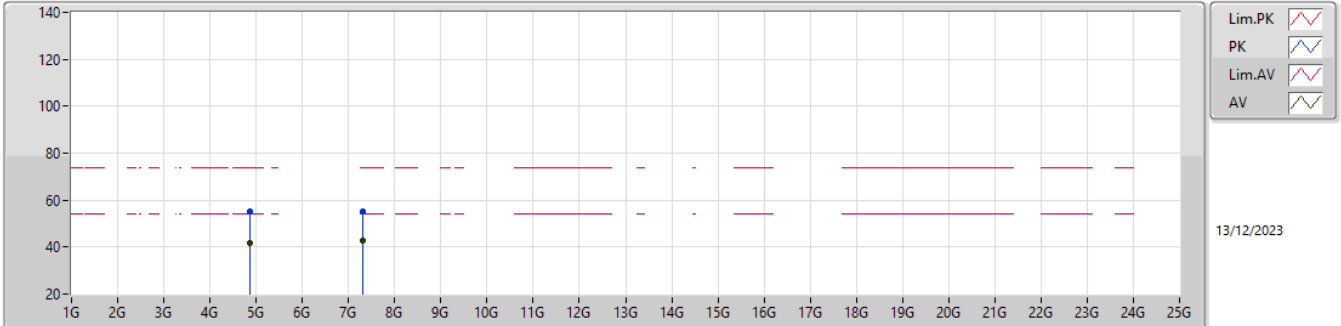


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3782G	60.16	74.00	-13.84	27.94	3	Horizontal	126	1.20	-	27.58	4.64	-
AV	2.3798G	48.31	54.00	-5.69	16.07	3	Horizontal	126	1.20	-	27.60	4.64	-
PK	2.4378G	113.56	Inf	-Inf	81.24	3	Horizontal	126	1.20	-	27.68	4.64	-
AV	2.4378G	105.95	Inf	-Inf	73.63	3	Horizontal	126	1.20	-	27.68	4.64	-
PK	2.4854G	60.28	74.00	-13.72	27.83	3	Horizontal	126	1.20	-	27.85	4.60	-
AV	2.4998G	48.79	54.00	-5.21	16.20	3	Horizontal	126	1.20	-	28.00	4.59	-

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

2437MHz_TX

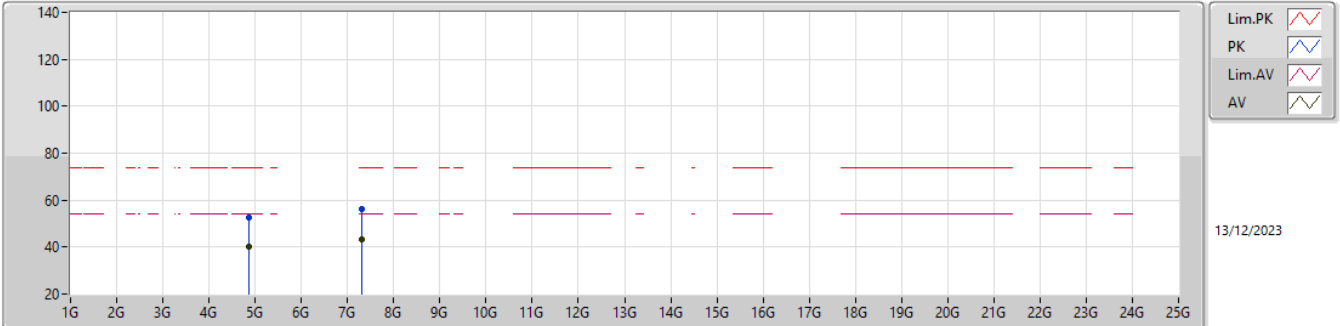


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87688G	55.03	74.00	-18.97	48.29	3	Vertical	325	1.00	-	32.71	6.99	32.96
AV	4.87166G	41.85	54.00	-12.15	35.14	3	Vertical	325	1.00	-	32.69	6.98	32.96
PK	7.30566G	55.34	74.00	-18.66	42.50	3	Vertical	334	2.34	-	37.32	8.62	33.10
AV	7.3101G	42.58	54.00	-11.42	29.72	3	Vertical	334	2.34	-	37.34	8.62	33.10

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

2437MHz_TX

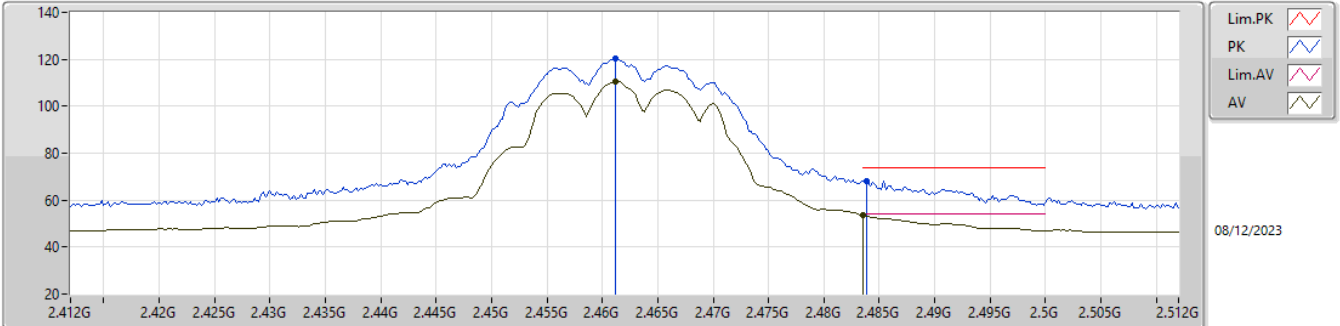


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87658G	52.36	74.00	-21.64	45.62	3	Horizontal	353	2.97	-	32.71	6.99	32.96
AV	4.8716G	39.92	54.00	-14.08	33.21	3	Horizontal	353	2.97	-	32.69	6.98	32.96
PK	7.31046G	56.04	74.00	-17.96	43.18	3	Horizontal	81	2.48	-	37.34	8.62	33.10
AV	7.3104G	43.49	54.00	-10.51	30.63	3	Horizontal	81	2.48	-	37.34	8.62	33.10

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

2462MHz_TX

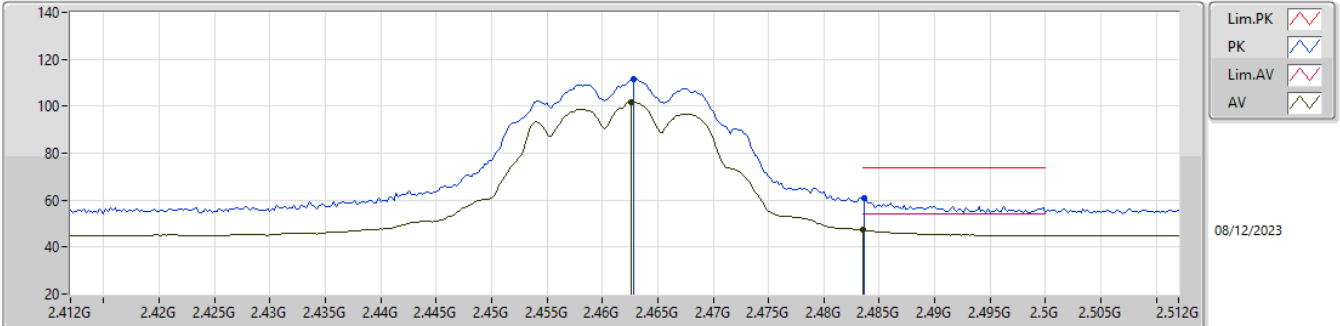


EUT_Z_2TX
Setting 24
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4612G	120.52	Inf	-Inf	88.20	3	Vertical	197	3.00	-	27.70	4.62	-
AV	2.4612G	110.53	Inf	-Inf	78.21	3	Vertical	197	3.00	-	27.70	4.62	-
PK	2.4838G	68.24	74.00	-5.76	35.80	3	Vertical	197	3.00	-	27.84	4.60	-
AV	2.4835G	53.42	54.00	-0.58	20.98	3	Vertical	197	3.00	-	27.84	4.60	-

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

2462MHz_TX

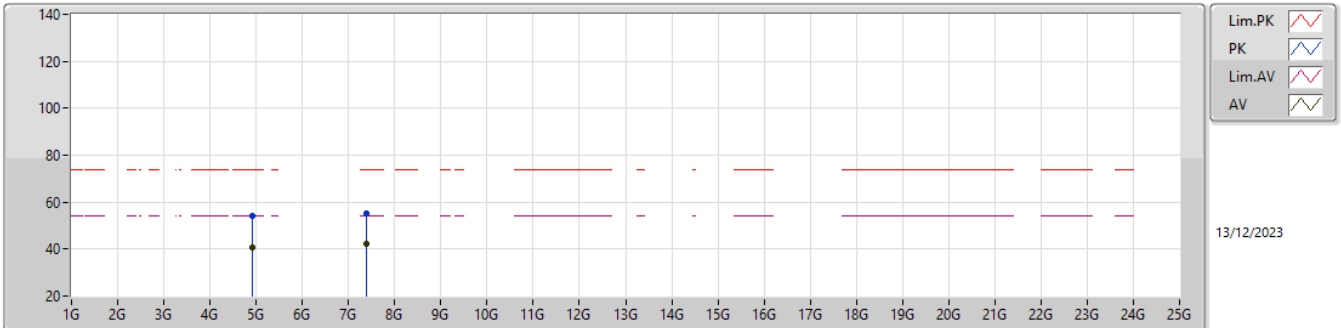


EUT_Z_2TX
Setting 24
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4628G	111.53	Inf	-Inf	79.21	3	Horizontal	61	1.53	-	27.70	4.62	-
AV	2.4626G	101.92	Inf	-Inf	69.60	3	Horizontal	61	1.53	-	27.70	4.62	-
PK	2.4836G	60.95	74.00	-13.05	28.51	3	Horizontal	61	1.53	-	27.84	4.60	-
AV	2.4835G	47.31	54.00	-6.69	14.87	3	Horizontal	61	1.53	-	27.84	4.60	-

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

2462MHz_TX

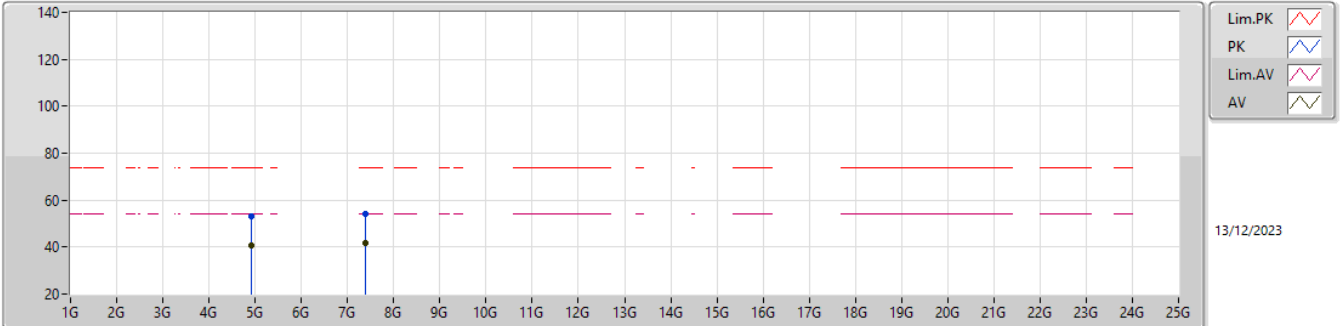


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92688G	53.93	74.00	-20.07	47.04	3	Vertical	107	1.80	-	32.80	7.04	32.95
AV	4.92178G	40.66	54.00	-13.34	33.78	3	Vertical	107	1.80	-	32.80	7.03	32.95
PK	7.39668G	55.02	74.00	-18.98	42.01	3	Vertical	327	1.65	-	37.41	8.73	33.13
AV	7.38744G	42.05	54.00	-11.95	29.04	3	Vertical	327	1.65	-	37.43	8.71	33.13

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

2462MHz_TX

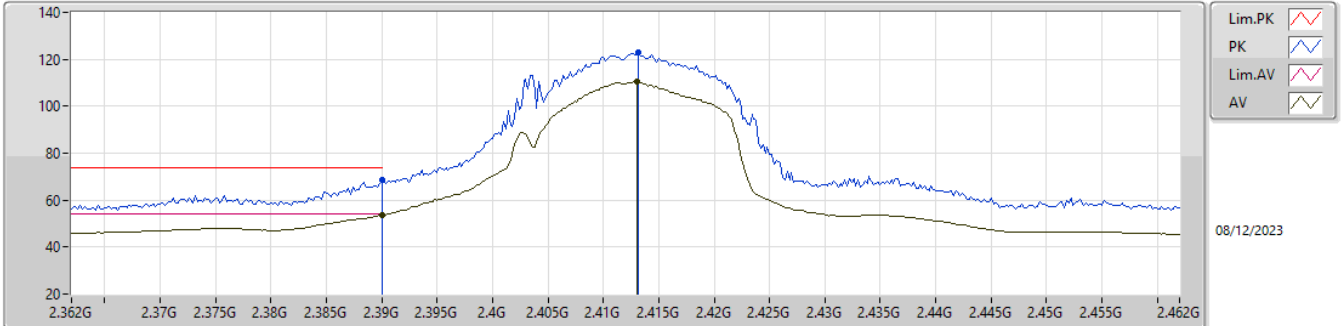


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92682G	53.28	74.00	-20.72	46.39	3	Horizontal	273	3.00	-	32.80	7.04	32.95
AV	4.9219G	40.81	54.00	-13.19	33.93	3	Horizontal	273	3.00	-	32.80	7.03	32.95
PK	7.39362G	54.12	74.00	-19.88	41.12	3	Horizontal	338	1.92	-	37.41	8.72	33.13
AV	7.37658G	41.54	54.00	-12.46	28.51	3	Horizontal	338	1.92	-	37.45	8.70	33.12

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX

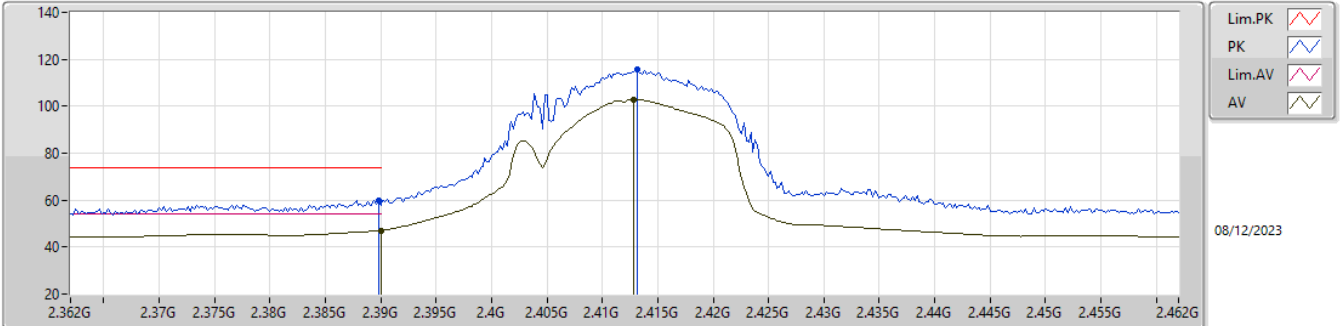


EUT_Z_2TX
Setting 23.5
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	68.58	74.00	-5.42	36.42	3	Vertical	173	3.00	-	27.50	4.66	-
AV	2.39G	53.68	54.00	-0.32	21.52	3	Vertical	173	3.00	-	27.50	4.66	-
PK	2.4132G	122.74	Inf	-Inf	90.38	3	Vertical	173	3.00	-	27.70	4.66	-
AV	2.413G	110.44	Inf	-Inf	78.08	3	Vertical	173	3.00	-	27.70	4.66	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX

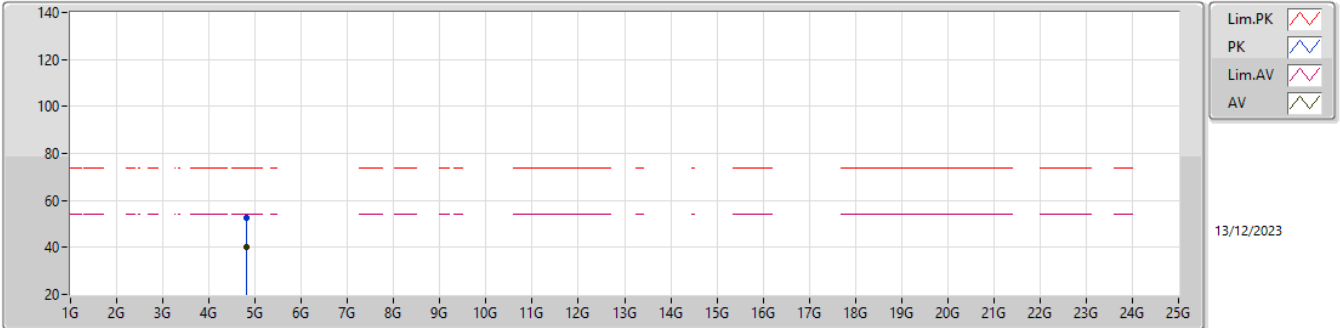


EUT_Z_2TX
Setting 23.5
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	60.08	74.00	-13.92	27.92	3	Horizontal	53	1.14	-	27.50	4.66	-
AV	2.39G	47.10	54.00	-6.90	14.94	3	Horizontal	53	1.14	-	27.50	4.66	-
PK	2.4132G	115.76	Inf	-Inf	83.40	3	Horizontal	53	1.14	-	27.70	4.66	-
AV	2.4128G	103.01	Inf	-Inf	70.65	3	Horizontal	53	1.14	-	27.70	4.66	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX

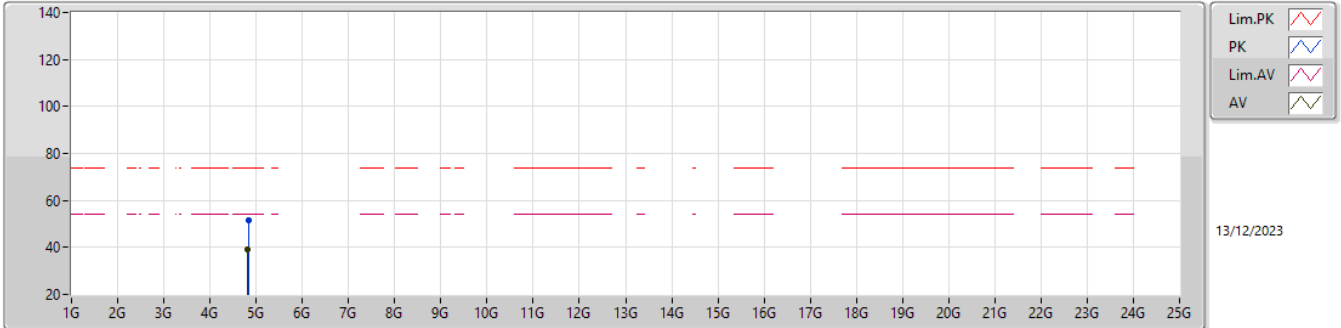


EUT_Z_2TX
 Setting 23.5
 01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8165G	52.76	74.00	-21.24	46.33	3	Vertical	49	2.68	-	32.47	6.93	32.97
AV	4.8165G	40.05	54.00	-13.95	33.62	3	Vertical	49	2.68	-	32.47	6.93	32.97

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX

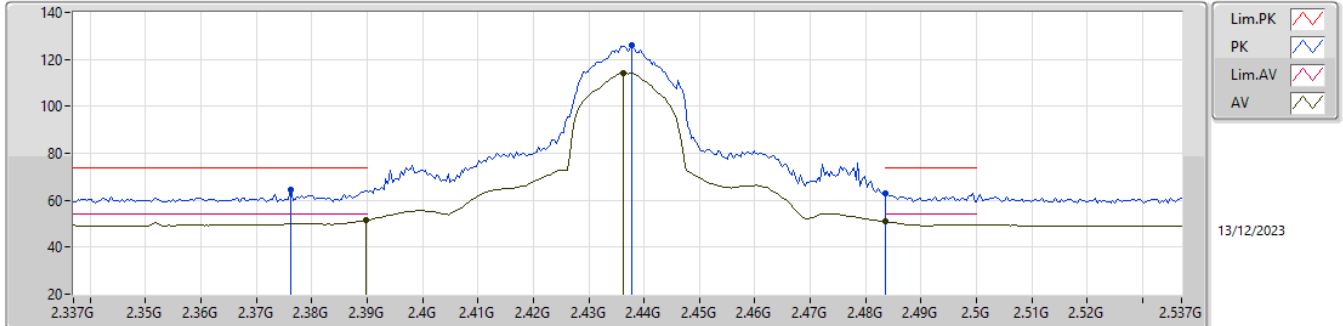


EUT_Z_2TX
 Setting 23.5
 01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.83228G	51.65	74.00	-22.35	45.15	3	Horizontal	68	2.60	-	32.53	6.94	32.97
AV	4.81638G	38.92	54.00	-15.08	32.49	3	Horizontal	68	2.60	-	32.47	6.93	32.97

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_TX

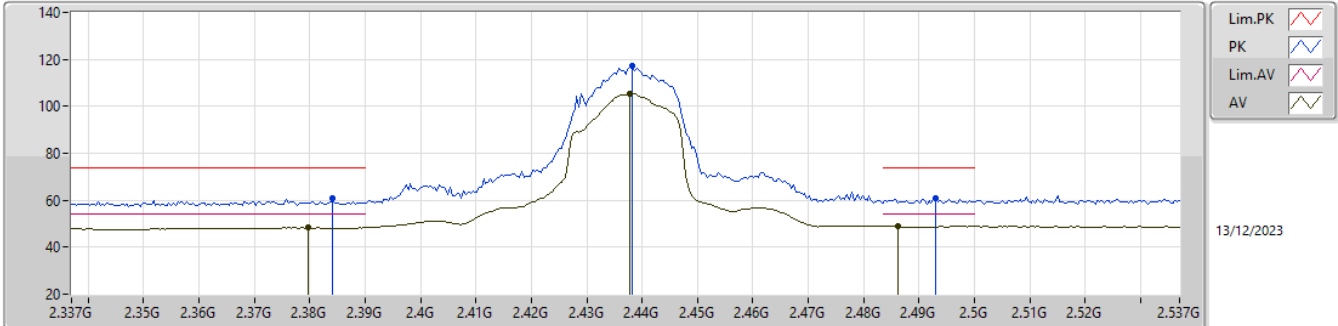


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3762G	64.61	74.00	-9.39	32.41	3	Vertical	185	3.00	-	27.56	4.64	-
AV	2.3898G	51.42	54.00	-2.58	19.26	3	Vertical	185	3.00	-	27.50	4.66	-
PK	2.4378G	125.80	Inf	-Inf	93.48	3	Vertical	185	3.00	-	27.68	4.64	-
AV	2.4362G	114.16	Inf	-Inf	81.86	3	Vertical	185	3.00	-	27.66	4.64	-
PK	2.4835G	63.17	74.00	-10.83	30.73	3	Vertical	185	3.00	-	27.84	4.60	-
AV	2.4835G	50.96	54.00	-3.04	18.52	3	Vertical	185	3.00	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_TX

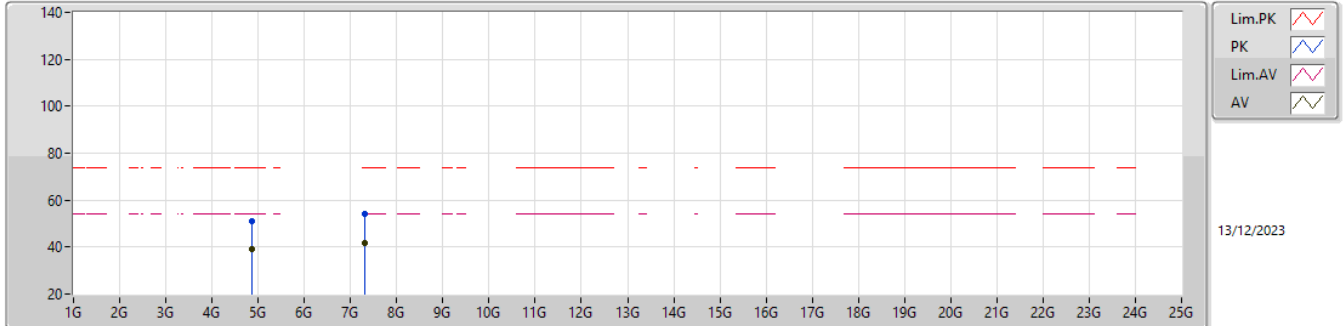


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3842G	60.65	74.00	-13.35	28.44	3	Horizontal	126	1.00	-	27.56	4.65	-
AV	2.3798G	48.31	54.00	-5.69	16.07	3	Horizontal	126	1.00	-	27.60	4.64	-
PK	2.4382G	117.47	Inf	-Inf	85.15	3	Horizontal	126	1.00	-	27.68	4.64	-
AV	2.4378G	105.50	Inf	-Inf	73.18	3	Horizontal	126	1.00	-	27.68	4.64	-
PK	2.493G	60.84	74.00	-13.16	28.32	3	Horizontal	126	1.00	-	27.93	4.59	-
AV	2.4862G	48.90	54.00	-5.10	16.44	3	Horizontal	126	1.00	-	27.86	4.60	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_TX

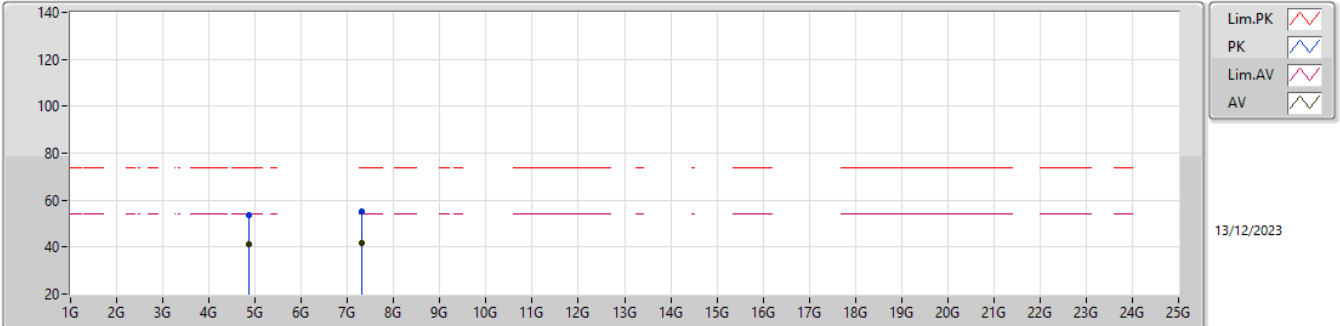


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86644G	51.23	74.00	-22.77	44.54	3	Vertical	333	1.09	-	32.67	6.98	32.96
AV	4.86668G	38.96	54.00	-15.04	32.27	3	Vertical	333	1.09	-	32.67	6.98	32.96
PK	7.31564G	54.06	74.00	-19.94	41.17	3	Vertical	189	2.59	-	37.36	8.63	33.10
AV	7.31456G	41.97	54.00	-12.03	29.08	3	Vertical	189	2.59	-	37.36	8.63	33.10

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_TX

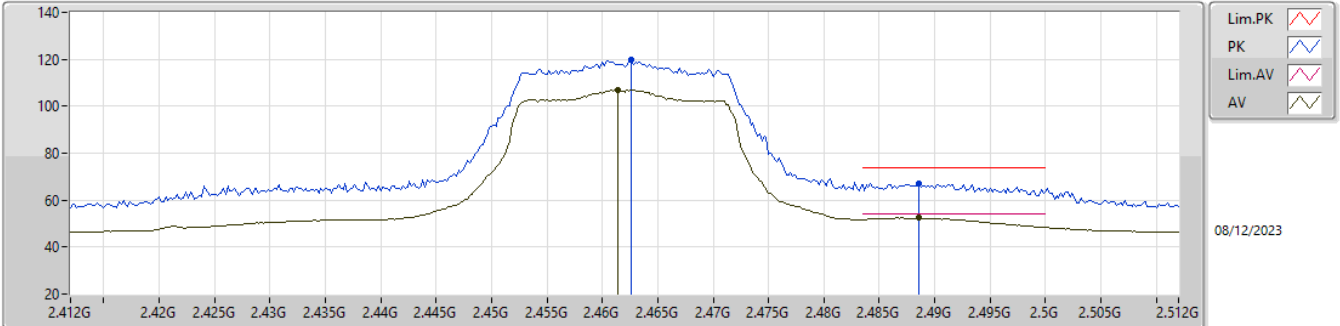


EUT_Z_2TX
Setting 25
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86608G	53.73	74.00	-20.27	47.05	3	Horizontal	66	2.53	-	32.66	6.98	32.96
AV	4.86644G	40.95	54.00	-13.05	34.26	3	Horizontal	66	2.53	-	32.67	6.98	32.96
PK	7.31482G	55.21	74.00	-18.79	42.32	3	Horizontal	63	1.74	-	37.36	8.63	33.10
AV	7.31444G	41.91	54.00	-12.09	29.02	3	Horizontal	63	1.74	-	37.36	8.63	33.10

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX

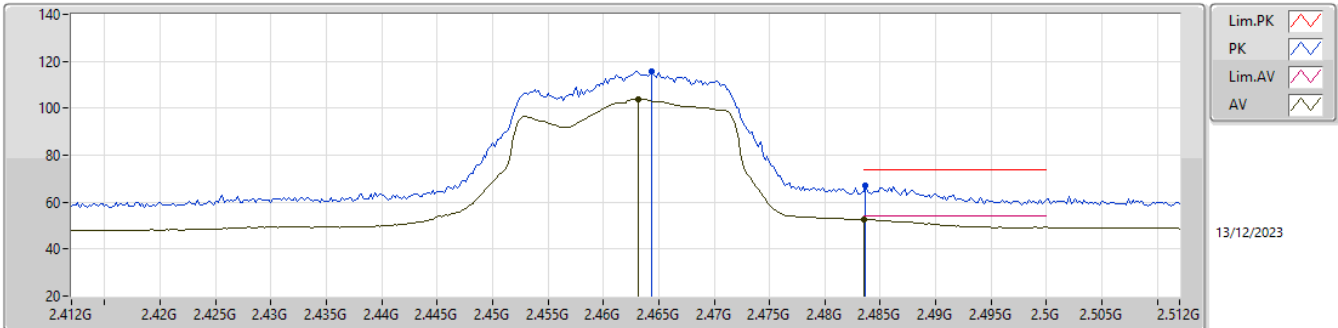


EUT_Z_2TX
Setting 24
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4626G	119.71	Inf	-Inf	87.39	3	Vertical	163	3.00	-	27.70	4.62	-
AV	2.4614G	107.08	Inf	-Inf	74.76	3	Vertical	163	3.00	-	27.70	4.62	-
PK	2.4886G	67.17	74.00	-6.83	34.69	3	Vertical	163	3.00	-	27.89	4.59	-
AV	2.4886G	52.37	54.00	-1.63	19.89	3	Vertical	163	3.00	-	27.89	4.59	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX

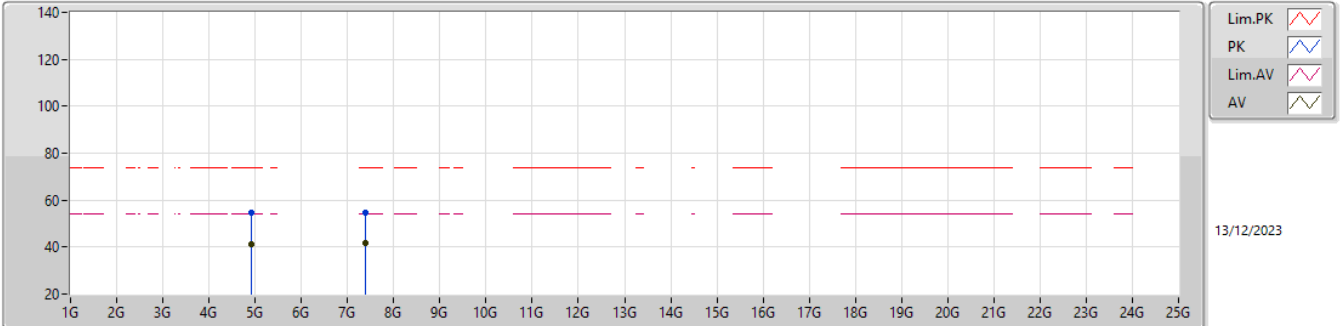


EUT_Z_2TX
Setting 24
01-F-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4644G	115.87	Inf	-Inf	83.55	3	Horizontal	150	3.00	-	27.70	4.62	-
AV	2.4632G	103.81	Inf	-Inf	71.49	3	Horizontal	150	3.00	-	27.70	4.62	-
PK	2.4836G	67.15	74.00	-6.85	34.71	3	Horizontal	150	3.00	-	27.84	4.60	-
AV	2.4835G	52.65	54.00	-1.35	20.21	3	Horizontal	150	3.00	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX

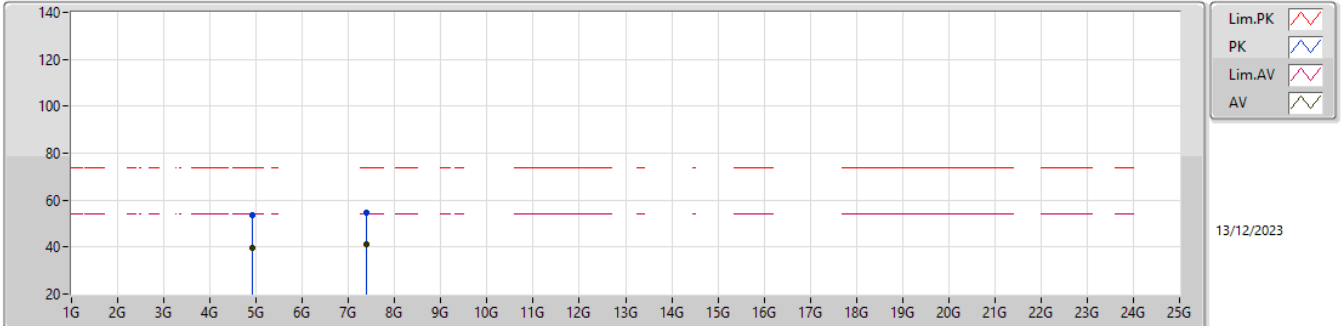


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.9153G	54.45	74.00	-19.55	47.57	3	Vertical	112	2.61	-	32.80	7.03	32.95
AV	4.91662G	41.27	54.00	-12.73	34.39	3	Vertical	112	2.61	-	32.80	7.03	32.95
PK	7.38458G	54.45	74.00	-19.55	41.44	3	Vertical	47	1.88	-	37.43	8.71	33.13
AV	7.38862G	41.67	54.00	-12.33	28.66	3	Vertical	47	1.88	-	37.42	8.72	33.13

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX

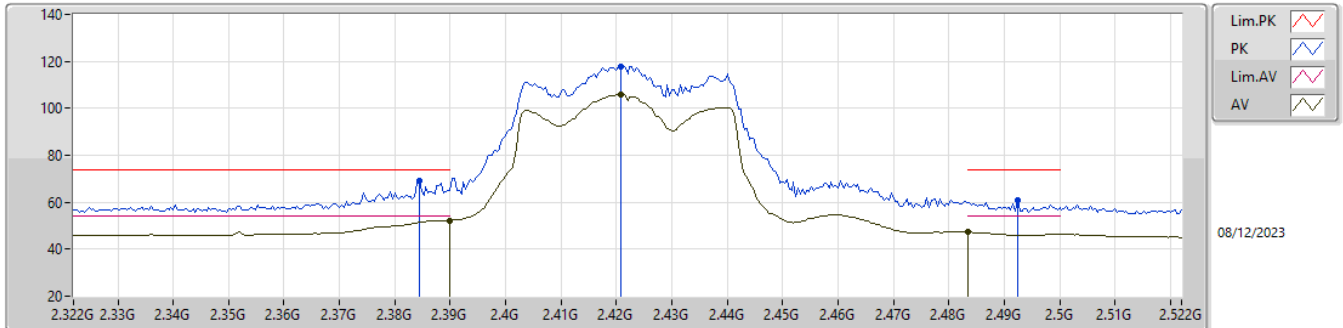


EUT_Z_2TX
Setting 24
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.91878G	53.68	74.00	-20.32	46.80	3	Horizontal	65	2.72	-	32.80	7.03	32.95
AV	4.91656G	39.61	54.00	-14.39	32.73	3	Horizontal	65	2.72	-	32.80	7.03	32.95
PK	7.3855G	54.81	74.00	-19.19	41.80	3	Horizontal	261	1.10	-	37.43	8.71	33.13
AV	7.38102G	41.43	54.00	-12.57	28.40	3	Horizontal	261	1.10	-	37.44	8.71	33.12

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX

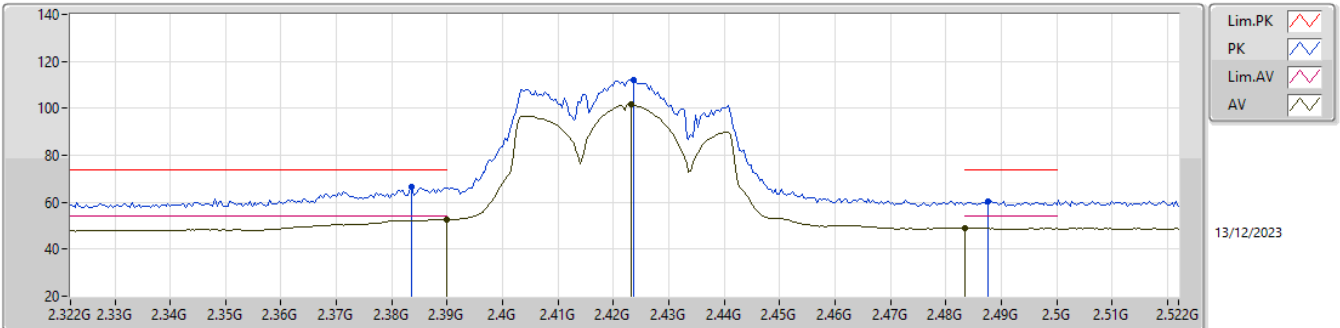


EUT_Z_2TX
Setting 23
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3844G	68.97	74.00	-5.03	36.76	3	Vertical	291	2.76	-	27.56	4.65	-
AV	2.39G	52.26	54.00	-1.74	20.10	3	Vertical	291	2.76	-	27.50	4.66	-
PK	2.4208G	118.00	Inf	-Inf	85.66	3	Vertical	291	2.76	-	27.69	4.65	-
AV	2.4208G	105.91	Inf	-Inf	73.57	3	Vertical	291	2.76	-	27.69	4.65	-
PK	2.4924G	60.89	74.00	-13.11	28.38	3	Vertical	291	2.76	-	27.92	4.59	-
AV	2.4835G	47.35	54.00	-6.65	14.91	3	Vertical	291	2.76	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX

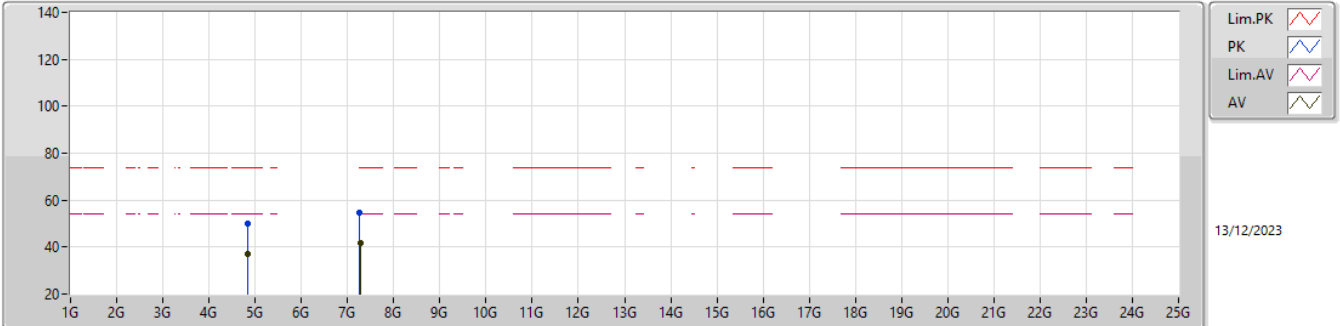


EUT_Z_2TX
Setting 23
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3836G	66.73	74.00	-7.27	34.52	3	Horizontal	46	1.00	-	27.56	4.65	-
AV	2.39G	52.73	54.00	-1.27	20.57	3	Horizontal	46	1.00	-	27.50	4.66	-
PK	2.4236G	112.29	Inf	-Inf	79.98	3	Horizontal	46	1.00	-	27.66	4.65	-
AV	2.4232G	101.54	Inf	-Inf	69.22	3	Horizontal	46	1.00	-	27.67	4.65	-
PK	2.4876G	60.38	74.00	-13.62	27.90	3	Horizontal	46	1.00	-	27.88	4.60	-
AV	2.4835G	49.13	54.00	-4.87	16.69	3	Horizontal	46	1.00	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX

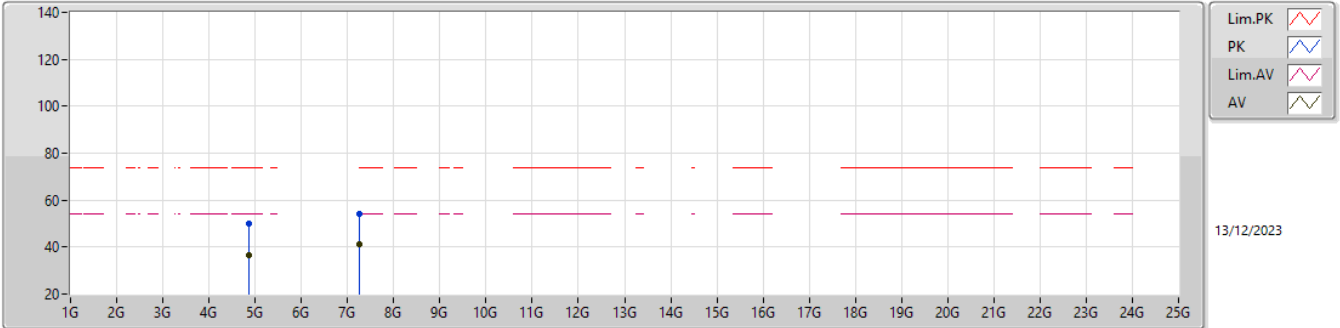


EUT_Z_2TX
Setting 23
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.83854G	49.83	74.00	-24.17	43.30	3	Vertical	165	1.80	-	32.55	6.95	32.97
AV	4.83506G	37.23	54.00	-16.77	30.71	3	Vertical	165	1.80	-	32.54	6.95	32.97
PK	7.2692G	54.73	74.00	-19.27	42.07	3	Vertical	119	2.96	-	37.18	8.57	33.09
AV	7.27096G	41.53	54.00	-12.47	28.86	3	Vertical	119	2.96	-	37.18	8.58	33.09

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX

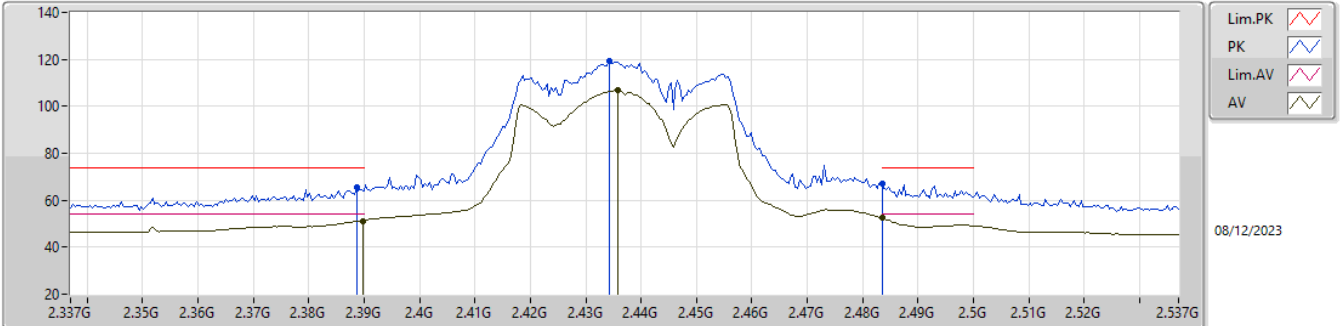


EUT_Z_2TX
Setting 23
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8521G	49.90	74.00	-24.10	43.29	3	Horizontal	294	1.80	-	32.61	6.96	32.96
AV	4.85378G	36.43	54.00	-17.57	29.81	3	Horizontal	294	1.80	-	32.62	6.96	32.96
PK	7.26626G	54.32	74.00	-19.68	41.67	3	Horizontal	316	1.59	-	37.17	8.57	33.09
AV	7.26768G	41.44	54.00	-12.56	28.79	3	Horizontal	316	1.59	-	37.17	8.57	33.09

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX

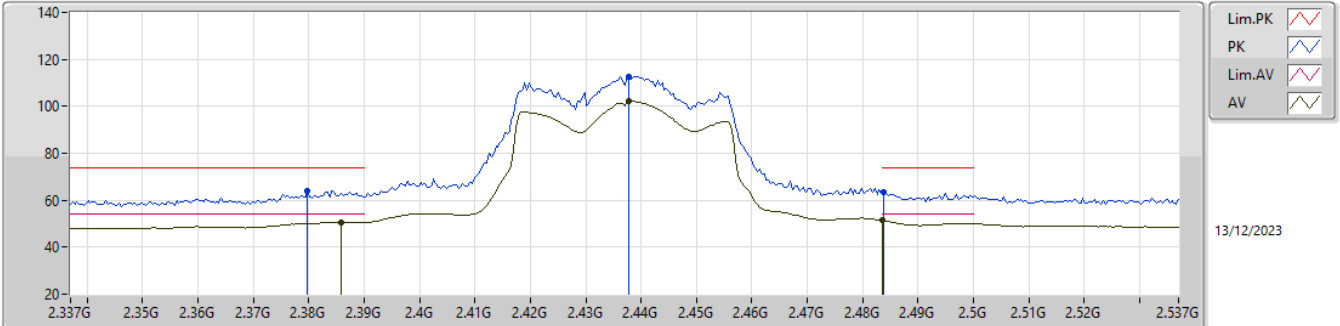


EUT_Z_2TX
 Setting 23.5
 01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	65.73	74.00	-8.27	33.57	3	Vertical	288	2.87	-	27.51	4.65	-
AV	2.3898G	51.24	54.00	-2.76	19.08	3	Vertical	288	2.87	-	27.50	4.66	-
PK	2.4342G	119.42	Inf	-Inf	87.14	3	Vertical	288	2.87	-	27.64	4.64	-
AV	2.4358G	106.96	Inf	-Inf	74.66	3	Vertical	288	2.87	-	27.66	4.64	-
PK	2.4835G	67.23	74.00	-6.77	34.79	3	Vertical	288	2.87	-	27.84	4.60	-
AV	2.4835G	52.36	54.00	-1.64	19.92	3	Vertical	288	2.87	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX

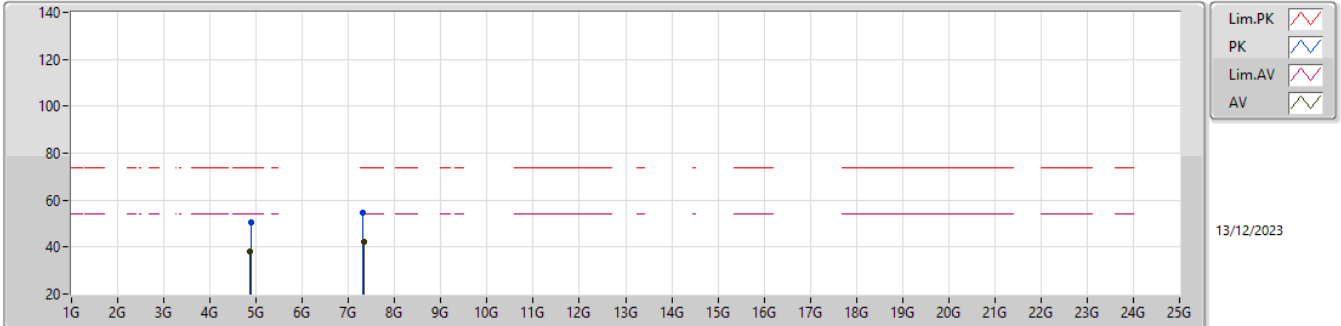


EUT_Z_2TX
Setting 23.5
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3798G	64.00	74.00	-10.00	31.76	3	Horizontal	127	1.32	-	27.60	4.64	-
AV	2.3858G	50.69	54.00	-3.31	18.50	3	Horizontal	127	1.32	-	27.54	4.65	-
PK	2.4378G	112.84	Inf	-Inf	80.52	3	Horizontal	127	1.32	-	27.68	4.64	-
AV	2.4378G	102.18	Inf	-Inf	69.86	3	Horizontal	127	1.32	-	27.68	4.64	-
PK	2.4838G	63.22	74.00	-10.78	30.78	3	Horizontal	127	1.32	-	27.84	4.60	-
AV	2.4835G	51.56	54.00	-2.44	19.12	3	Horizontal	127	1.32	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX

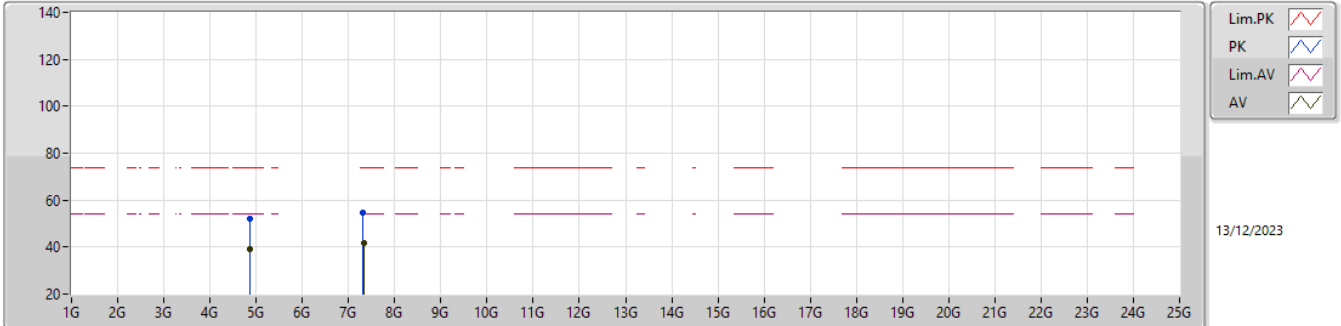


EUT_Z_2TX
Setting 23.5
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87928G	50.40	74.00	-23.60	43.65	3	Vertical	202	1.80	-	32.72	6.99	32.96
AV	4.86416G	38.15	54.00	-15.85	31.48	3	Vertical	202	1.80	-	32.66	6.97	32.96
PK	7.3137G	54.81	74.00	-19.19	41.93	3	Vertical	8	2.30	-	37.35	8.63	33.10
AV	7.32462G	42.01	54.00	-11.99	29.08	3	Vertical	8	2.30	-	37.40	8.64	33.11

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX

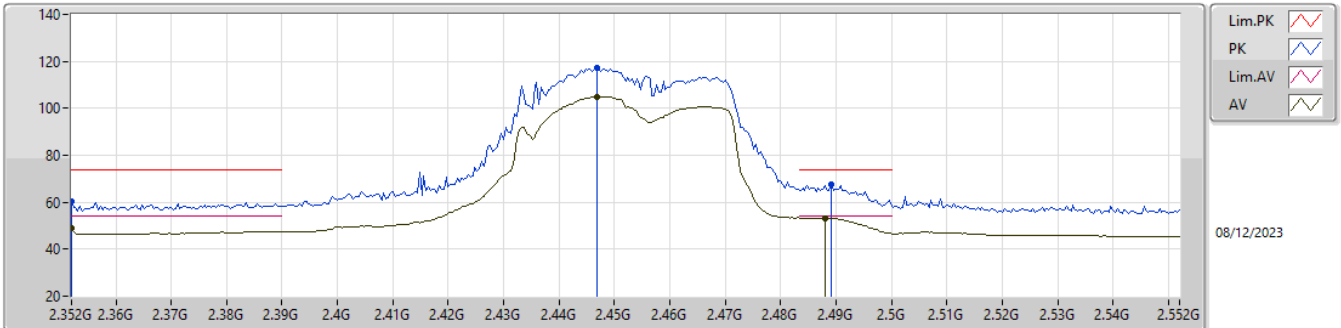


EUT_Z_2TX
Setting 23.5
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.86152G	51.86	74.00	-22.14	45.20	3	Horizontal	60	2.53	-	32.65	6.97	32.96
AV	4.86524G	38.95	54.00	-15.05	32.27	3	Horizontal	60	2.53	-	32.66	6.98	32.96
PK	7.3185G	54.60	74.00	-19.40	41.71	3	Horizontal	191	1.13	-	37.37	8.63	33.11
AV	7.32432G	41.95	54.00	-12.05	29.02	3	Horizontal	191	1.13	-	37.40	8.64	33.11

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX

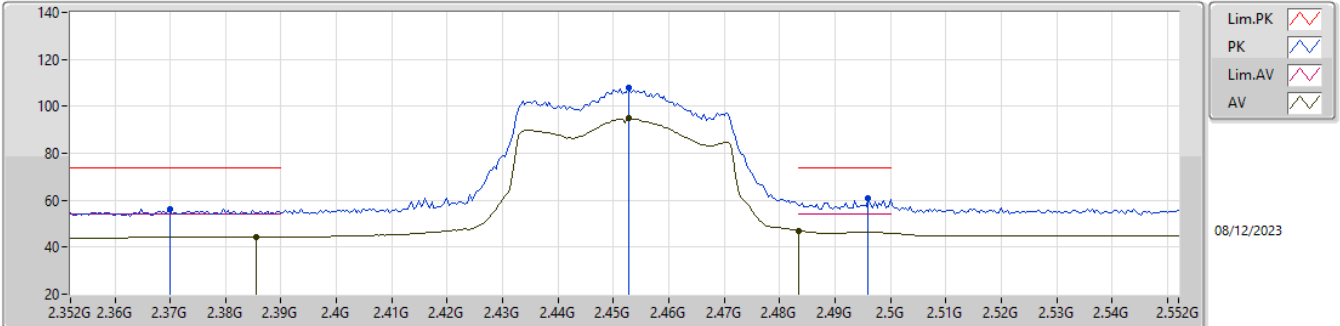


EUT_Z_2TX
Setting 22
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.352G	60.25	74.00	-13.75	28.35	3	Vertical	162	3.00	-	27.30	4.60	-
AV	2.352G	48.94	54.00	-5.06	17.04	3	Vertical	162	3.00	-	27.30	4.60	-
PK	2.4468G	117.17	Inf	-Inf	84.84	3	Vertical	162	3.00	-	27.70	4.63	-
AV	2.4468G	104.89	Inf	-Inf	72.56	3	Vertical	162	3.00	-	27.70	4.63	-
PK	2.4892G	67.45	74.00	-6.55	34.97	3	Vertical	162	3.00	-	27.89	4.59	-
AV	2.488G	53.36	54.00	-0.64	20.88	3	Vertical	162	3.00	-	27.88	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



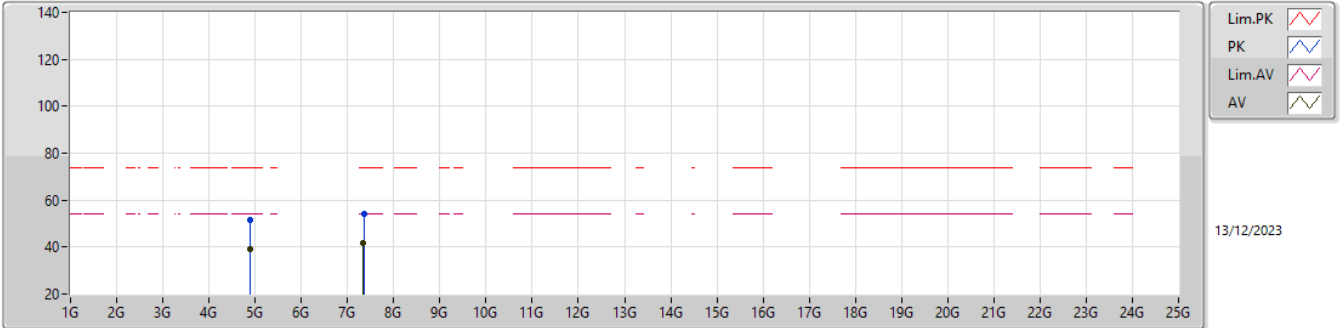
08/12/2023

EUT_Z_2TX
Setting 22
01-F-Y-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.37G	56.39	74.00	-17.61	24.26	3	Horizontal	94	1.80	-	27.50	4.63	-
AV	2.3856G	44.50	54.00	-9.50	12.31	3	Horizontal	94	1.80	-	27.54	4.65	-
PK	2.4528G	108.04	Inf	-Inf	75.71	3	Horizontal	94	1.80	-	27.70	4.63	-
AV	2.4528G	94.80	Inf	-Inf	62.47	3	Horizontal	94	1.80	-	27.70	4.63	-
PK	2.496G	60.67	74.00	-13.33	28.12	3	Horizontal	94	1.80	-	27.96	4.59	-
AV	2.4835G	47.03	54.00	-6.97	14.59	3	Horizontal	94	1.80	-	27.84	4.60	-

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX

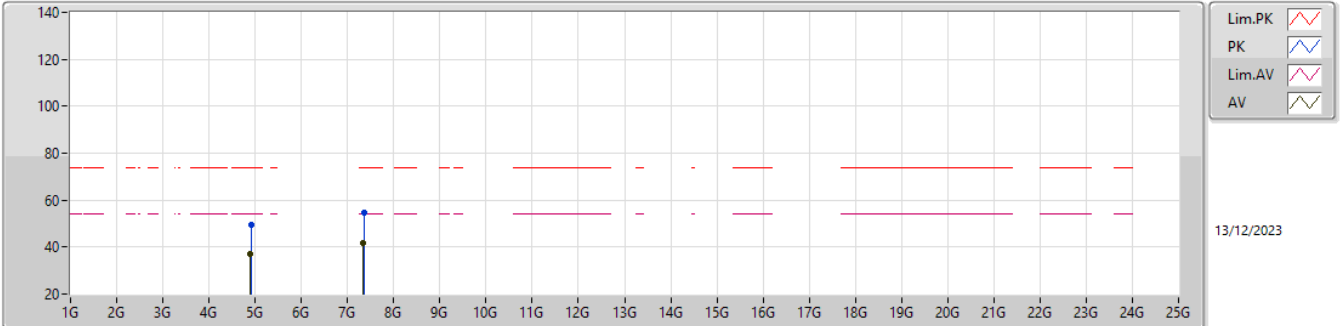


EUT_Z_2TX
Setting 22
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.89722G	51.69	74.00	-22.31	44.84	3	Vertical	109	2.98	-	32.79	7.01	32.95
AV	4.89644G	39.05	54.00	-14.95	32.20	3	Vertical	109	2.98	-	32.79	7.01	32.95
PK	7.34916G	54.07	74.00	-19.93	41.01	3	Vertical	87	1.30	-	37.50	8.67	33.11
AV	7.34226G	41.74	54.00	-12.26	28.72	3	Vertical	87	1.30	-	37.47	8.66	33.11

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT_Z_2TX
Setting 22
01-K-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.91516G	49.42	74.00	-24.58	42.54	3	Horizontal	288	1.00	-	32.80	7.03	32.95
AV	4.89626G	36.99	54.00	-17.01	30.14	3	Horizontal	288	1.00	-	32.79	7.01	32.95
PK	7.36886G	54.65	74.00	-19.35	41.62	3	Horizontal	145	2.15	-	37.46	8.69	33.12
AV	7.34226G	41.74	54.00	-12.26	28.72	3	Horizontal	145	2.15	-	37.47	8.66	33.11

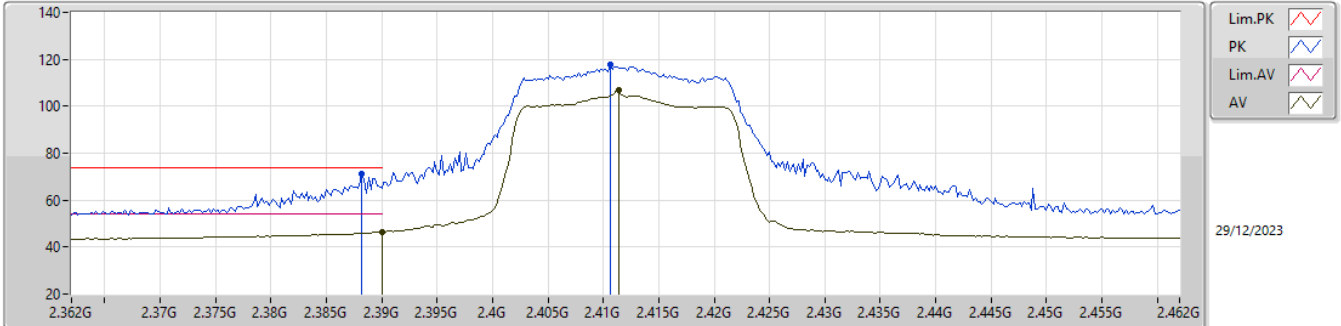


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	PK	2.487G	73.76	74.00	-0.24	3	Vertical	157	2.69	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

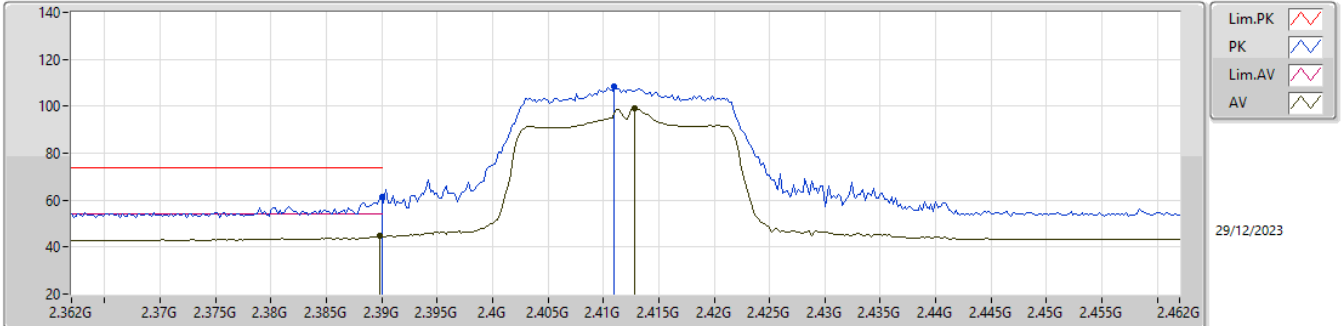


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	71.04	74.00	-2.96	39.59	3	Vertical	184	2.74	-	28.40	3.05	-
AV	2.39G	46.43	54.00	-7.57	14.97	3	Vertical	184	2.74	-	28.40	3.06	-
PK	2.4106G	117.64	Inf	-Inf	86.18	3	Vertical	184	2.74	-	28.40	3.06	-
AV	2.4114G	106.74	Inf	-Inf	75.28	3	Vertical	184	2.74	-	28.40	3.06	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

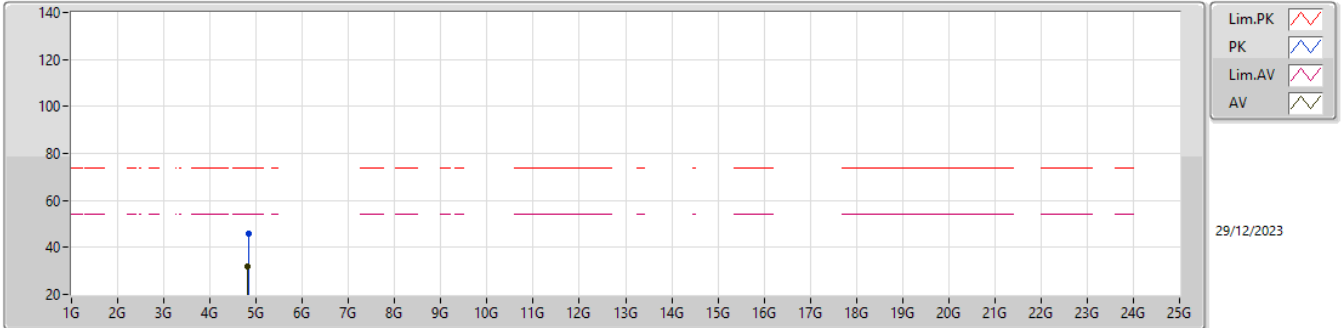


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	61.49	74.00	-12.51	30.03	3	Horizontal	128	2.74	-	28.40	3.06	-
AV	2.3898G	44.62	54.00	-9.38	13.17	3	Horizontal	128	2.74	-	28.40	3.05	-
PK	2.411G	108.30	Inf	-Inf	76.84	3	Horizontal	128	2.74	-	28.40	3.06	-
AV	2.4128G	99.10	Inf	-Inf	67.63	3	Horizontal	128	2.74	-	28.40	3.07	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

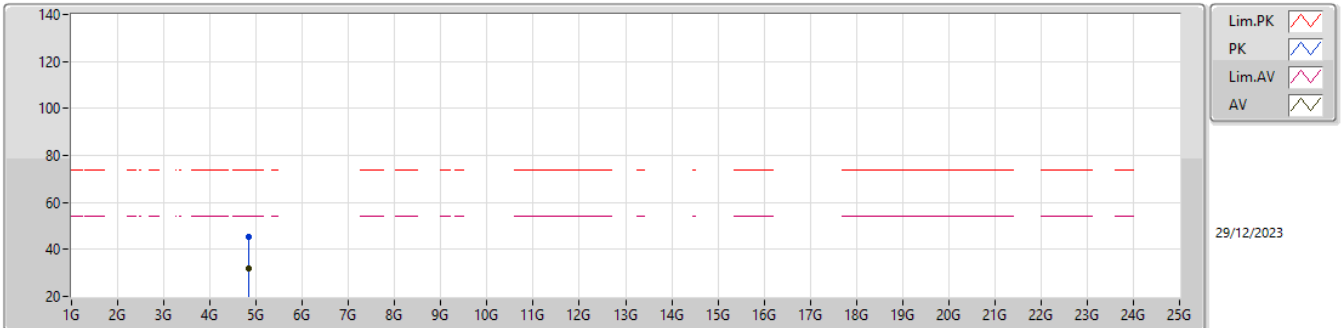


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.8266G	45.62	74.00	-28.38	38.23	3	Vertical	239	1.80	-	32.96	5.10	30.67
AV	4.82382G	31.95	54.00	-22.05	24.59	3	Vertical	239	1.80	-	32.94	5.10	30.68

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

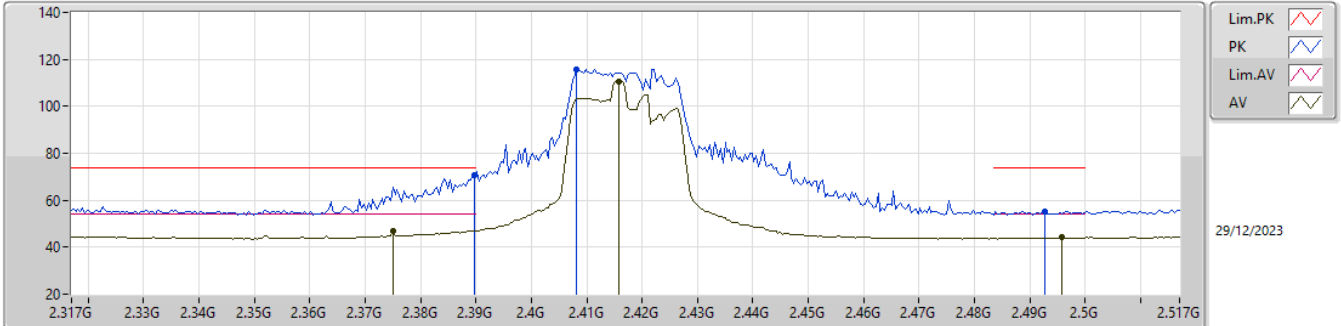


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.82728G	45.58	74.00	-28.42	38.19	3	Horizontal	186	3.00	-	32.96	5.10	30.67
AV	4.82612G	31.97	54.00	-22.03	24.58	3	Horizontal	186	3.00	-	32.96	5.10	30.67

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

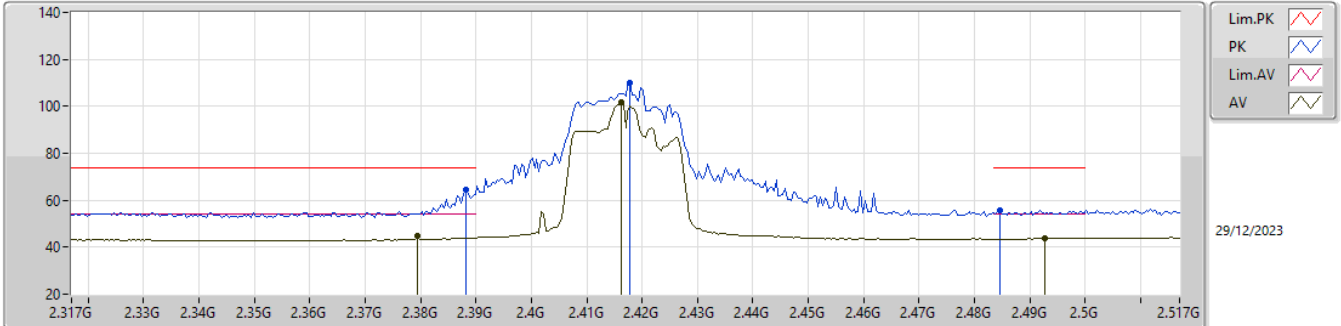


EUT_Z_2TX
Setting 24
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	70.75	74.00	-3.25	39.30	3	Vertical	112	2.71	-	28.40	3.05	-
AV	2.375G	46.98	54.00	-7.02	15.58	3	Vertical	112	2.71	-	28.35	3.05	-
PK	2.4082G	115.94	Inf	-Inf	84.48	3	Vertical	112	2.71	-	28.40	3.06	-
AV	2.4158G	110.52	Inf	-Inf	79.05	3	Vertical	112	2.71	-	28.40	3.07	-
PK	2.4926G	55.37	74.00	-18.63	23.74	3	Vertical	112	2.71	-	28.53	3.10	-
AV	2.4958G	44.16	54.00	-9.84	12.50	3	Vertical	112	2.71	-	28.56	3.10	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

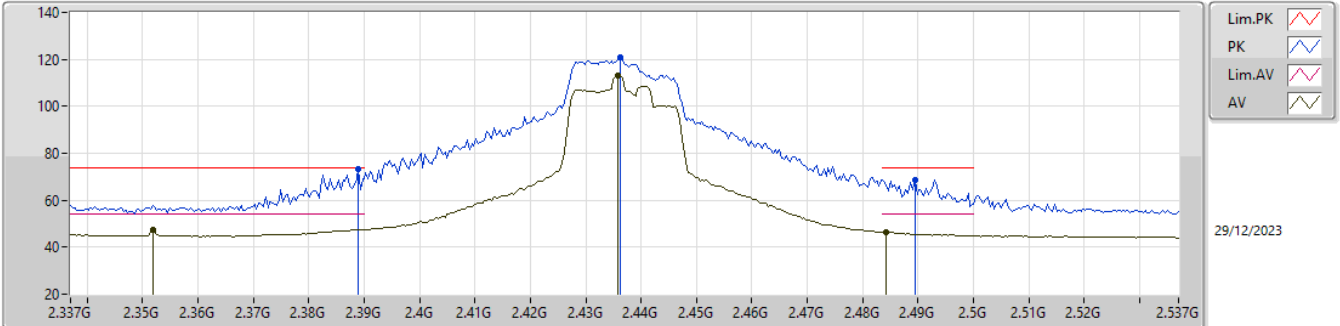


EUT_Z_2TX
Setting 24
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3882G	64.38	74.00	-9.62	32.93	3	Horizontal	143	2.95	-	28.40	3.05	-
AV	2.3794G	44.66	54.00	-9.34	13.22	3	Horizontal	143	2.95	-	28.39	3.05	-
PK	2.4178G	110.07	Inf	-Inf	78.60	3	Horizontal	143	2.95	-	28.40	3.07	-
AV	2.4162G	101.84	Inf	-Inf	70.37	3	Horizontal	143	2.95	-	28.40	3.07	-
PK	2.4846G	55.63	74.00	-18.37	24.04	3	Horizontal	143	2.95	-	28.50	3.09	-
AV	2.4926G	43.77	54.00	-10.23	12.14	3	Horizontal	143	2.95	-	28.53	3.10	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

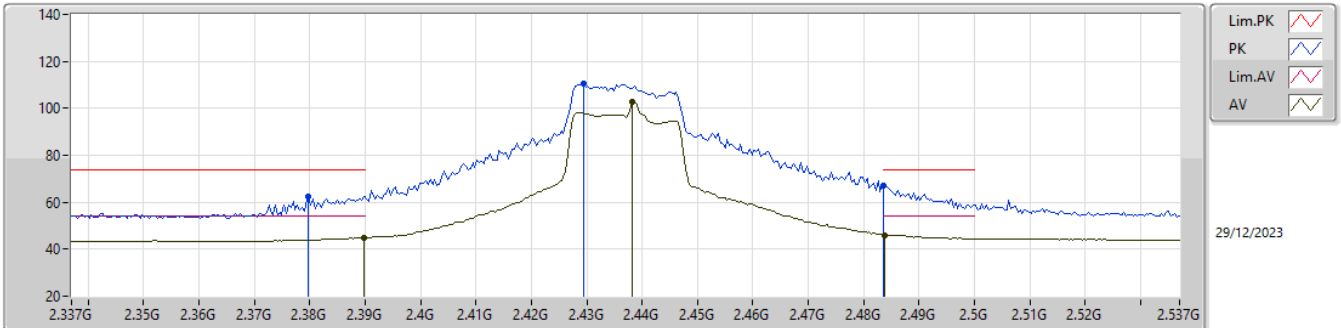


EUT_Z_2TX
Setting 27
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	73.20	74.00	-0.80	41.75	3	Vertical	289	2.64	-	28.40	3.05	-
AV	2.3518G	47.44	54.00	-6.56	16.20	3	Vertical	289	2.64	-	28.20	3.04	-
PK	2.4362G	120.99	Inf	-Inf	89.48	3	Vertical	289	2.64	-	28.44	3.07	-
AV	2.4358G	113.02	Inf	-Inf	81.51	3	Vertical	289	2.64	-	28.44	3.07	-
PK	2.4894G	68.54	74.00	-5.46	36.94	3	Vertical	289	2.64	-	28.50	3.10	-
AV	2.4842G	46.50	54.00	-7.50	14.91	3	Vertical	289	2.64	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

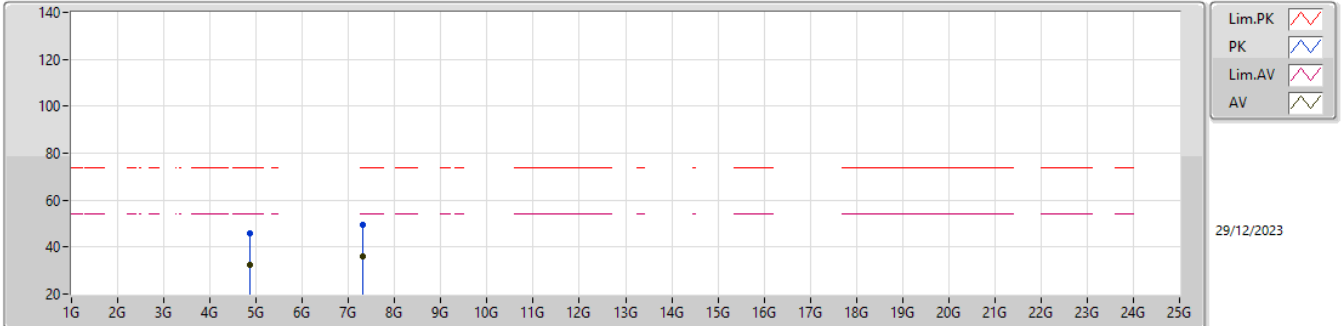


EUT_Z_2TX
Setting 27
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3798G	62.31	74.00	-11.69	30.86	3	Horizontal	126	2.73	-	28.40	3.05	-
AV	2.3898G	44.89	54.00	-9.11	13.44	3	Horizontal	126	2.73	-	28.40	3.05	-
PK	2.4294G	110.50	Inf	-Inf	78.94	3	Horizontal	126	2.73	-	28.49	3.07	-
AV	2.4382G	102.99	Inf	-Inf	71.49	3	Horizontal	126	2.73	-	28.42	3.08	-
PK	2.4835G	66.82	74.00	-7.18	35.23	3	Horizontal	126	2.73	-	28.50	3.09	-
AV	2.4838G	46.04	54.00	-7.96	14.45	3	Horizontal	126	2.73	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

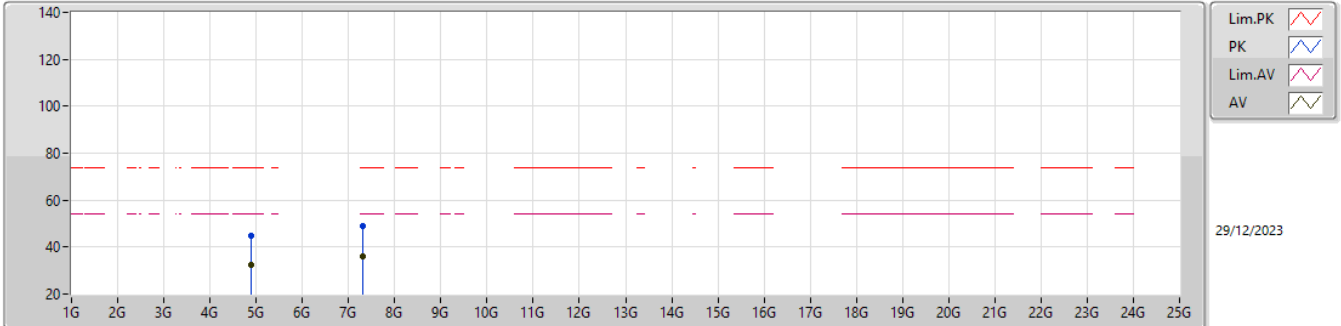


EUT_Z_2TX
Setting 27
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87152G	45.77	74.00	-28.23	38.16	3	Vertical	352	1.49	-	33.14	5.11	30.64
AV	4.87666G	32.18	54.00	-21.82	24.56	3	Vertical	352	1.49	-	33.15	5.11	30.64
PK	7.31514G	49.72	74.00	-24.28	38.70	3	Vertical	112	1.80	-	36.63	6.51	32.12
AV	7.31454G	36.27	54.00	-17.73	25.25	3	Vertical	112	1.80	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

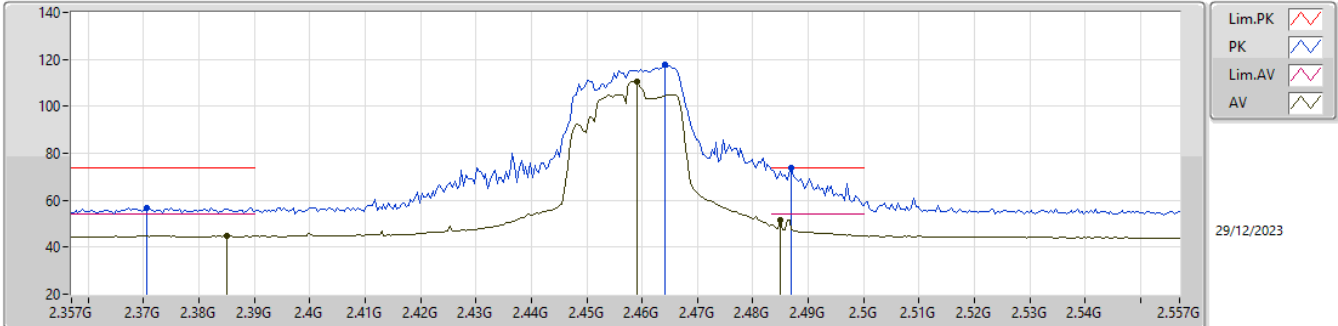


EUT_Z_2TX
Setting 27
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.878G	44.80	74.00	-29.20	37.17	3	Horizontal	193	1.85	-	33.16	5.11	30.64
AV	4.87804G	32.23	54.00	-21.77	24.60	3	Horizontal	193	1.85	-	33.16	5.11	30.64
PK	7.30748G	48.88	74.00	-25.12	37.87	3	Horizontal	129	2.36	-	36.61	6.51	32.11
AV	7.31536G	35.96	54.00	-18.04	24.94	3	Horizontal	129	2.36	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

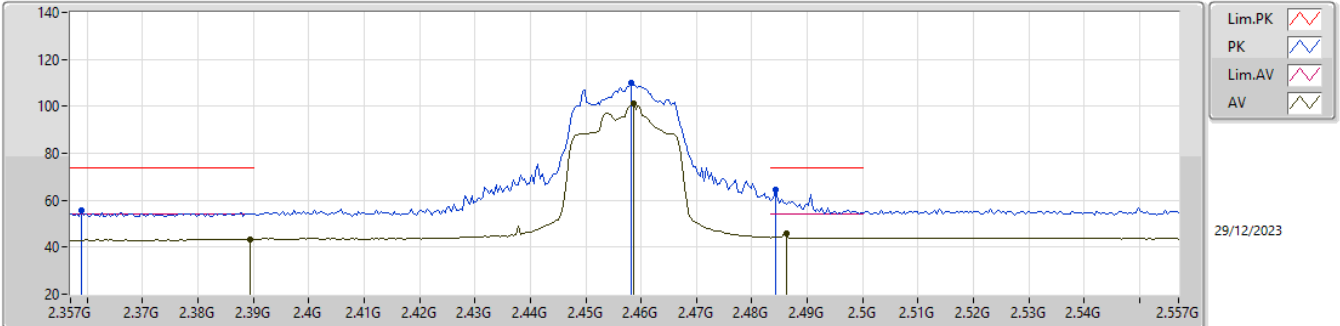


EUT_Z_2TX
Setting 24
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3706G	56.95	74.00	-17.05	25.59	3	Vertical	157	2.69	-	28.31	3.05	-
AV	2.385G	44.91	54.00	-9.09	13.46	3	Vertical	157	2.69	-	28.40	3.05	-
PK	2.4642G	117.74	Inf	-Inf	86.15	3	Vertical	157	2.69	-	28.50	3.09	-
AV	2.459G	110.64	Inf	-Inf	79.07	3	Vertical	157	2.69	-	28.49	3.08	-
PK	2.487G	73.76	74.00	-0.24	42.17	3	Vertical	157	2.69	-	28.50	3.09	-
AV	2.485G	51.74	54.00	-2.26	20.15	3	Vertical	157	2.69	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

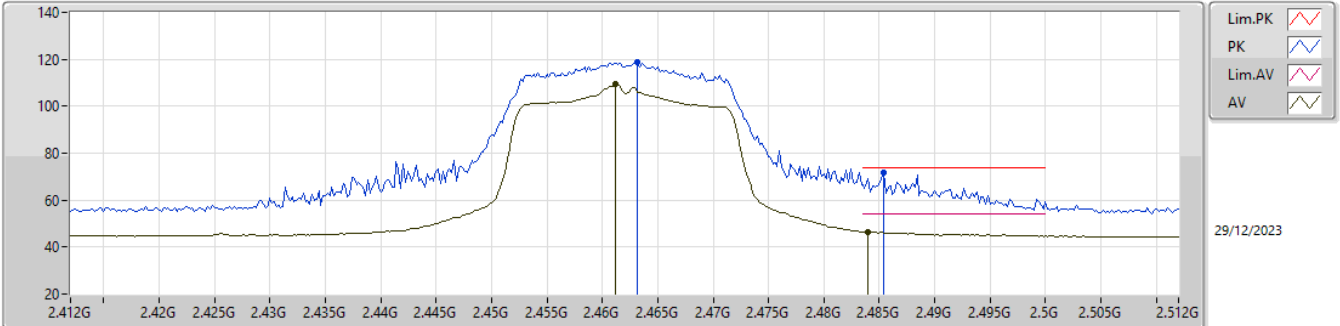


EUT_Z_2TX
Setting 24
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.359G	55.50	74.00	-18.50	24.26	3	Horizontal	58	1.66	-	28.20	3.04	-
AV	2.3894G	43.38	54.00	-10.62	11.93	3	Horizontal	58	1.66	-	28.40	3.05	-
PK	2.4582G	110.02	Inf	-Inf	78.46	3	Horizontal	58	1.66	-	28.48	3.08	-
AV	2.4586G	101.13	Inf	-Inf	69.56	3	Horizontal	58	1.66	-	28.49	3.08	-
PK	2.4842G	64.40	74.00	-9.60	32.81	3	Horizontal	58	1.66	-	28.50	3.09	-
AV	2.4862G	46.11	54.00	-7.89	14.52	3	Horizontal	58	1.66	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

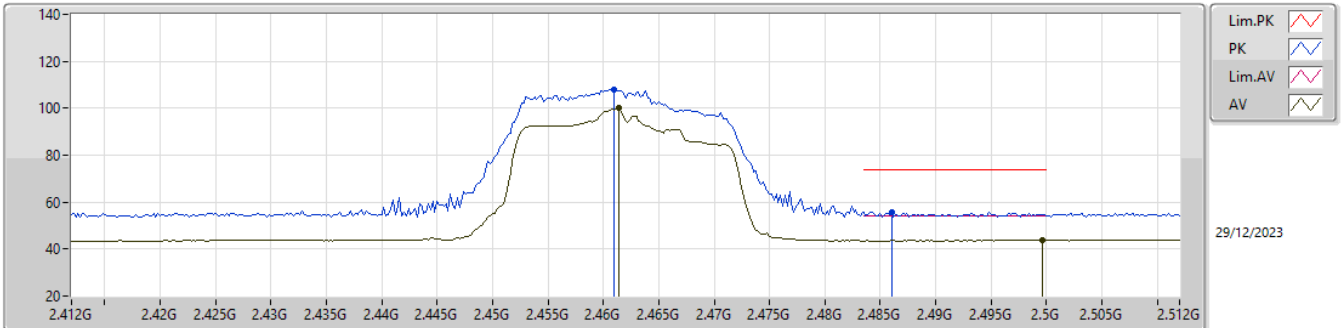


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4632G	118.71	Inf	-Inf	87.12	3	Vertical	175	2.70	-	28.50	3.09	-
AV	2.4612G	109.57	Inf	-Inf	77.99	3	Vertical	175	2.70	-	28.50	3.08	-
PK	2.4854G	71.54	74.00	-2.46	39.95	3	Vertical	175	2.70	-	28.50	3.09	-
AV	2.484G	46.63	54.00	-7.37	15.04	3	Vertical	175	2.70	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

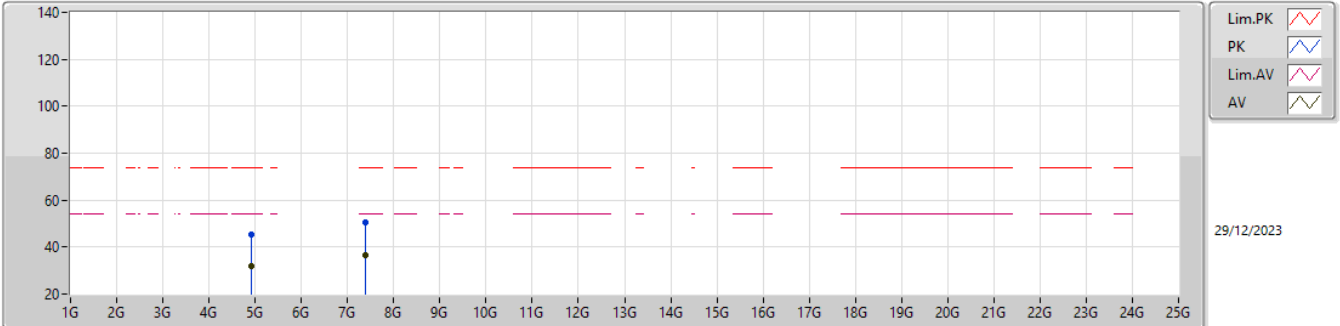


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.461G	107.77	Inf	-Inf	76.19	3	Horizontal	53	1.67	-	28.50	3.08	-
AV	2.4614G	100.00	Inf	-Inf	68.42	3	Horizontal	53	1.67	-	28.50	3.08	-
PK	2.486G	55.87	74.00	-18.13	24.28	3	Horizontal	53	1.67	-	28.50	3.09	-
AV	2.4996G	43.86	54.00	-10.14	12.16	3	Horizontal	53	1.67	-	28.60	3.10	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

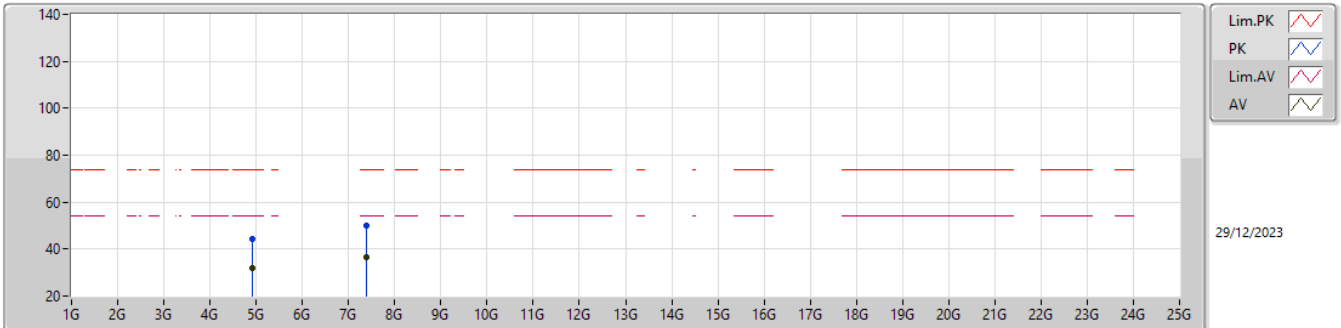


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92292G	45.59	74.00	-28.41	37.82	3	Vertical	329	1.10	-	33.25	5.13	30.61
AV	4.92848G	32.13	54.00	-21.87	24.35	3	Vertical	329	1.10	-	33.26	5.13	30.61
PK	7.39078G	50.31	74.00	-23.69	39.22	3	Vertical	352	1.07	-	36.70	6.55	32.16
AV	7.38608G	36.77	54.00	-17.23	25.68	3	Vertical	352	1.07	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

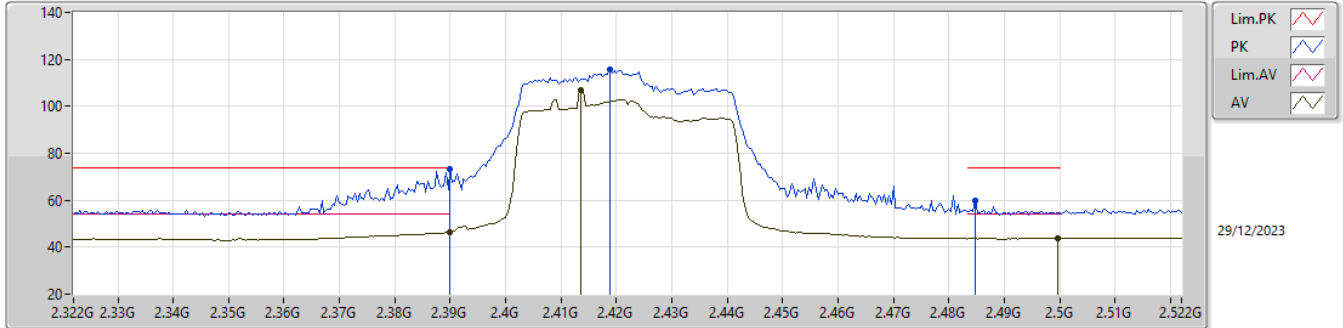


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.92682G	44.56	74.00	-29.44	36.79	3	Horizontal	4	2.14	-	33.25	5.13	30.61
AV	4.92258G	32.08	54.00	-21.92	24.31	3	Horizontal	4	2.14	-	33.25	5.13	30.61
PK	7.38756G	49.84	74.00	-24.16	38.75	3	Horizontal	310	2.52	-	36.70	6.55	32.16
AV	7.38892G	36.71	54.00	-17.29	25.62	3	Horizontal	310	2.52	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

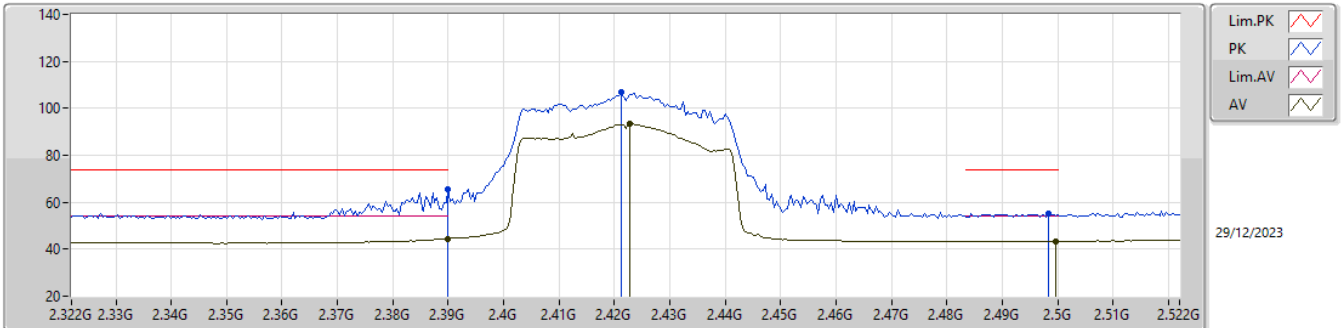


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	73.06	74.00	-0.94	41.60	3	Vertical	90	2.70	-	28.40	3.06	-
AV	2.39G	46.27	54.00	-7.73	14.81	3	Vertical	90	2.70	-	28.40	3.06	-
PK	2.4188G	115.75	Inf	-Inf	84.28	3	Vertical	90	2.70	-	28.40	3.07	-
AV	2.4136G	106.83	Inf	-Inf	75.36	3	Vertical	90	2.70	-	28.40	3.07	-
PK	2.4848G	59.89	74.00	-14.11	28.30	3	Vertical	90	2.70	-	28.50	3.09	-
AV	2.4996G	43.74	54.00	-10.26	12.04	3	Vertical	90	2.70	-	28.60	3.10	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

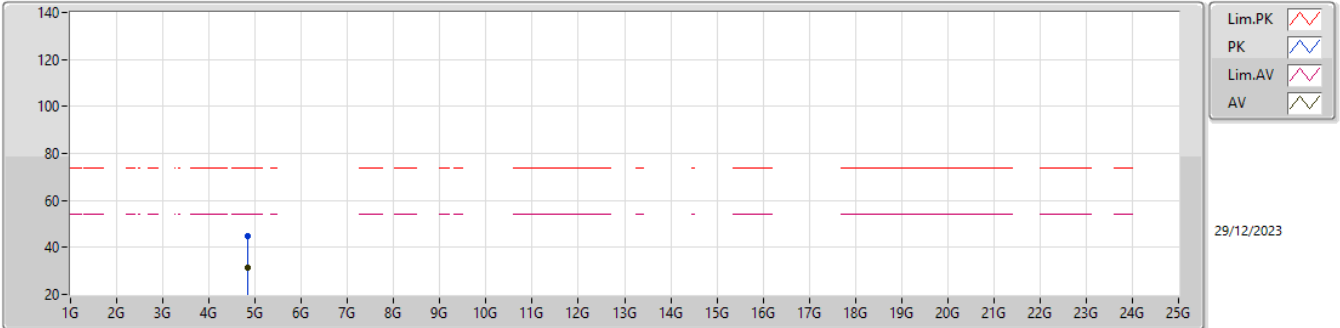


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	65.50	74.00	-8.50	34.04	3	Horizontal	127	2.70	-	28.40	3.06	-
AV	2.39G	44.52	54.00	-9.48	13.06	3	Horizontal	127	2.70	-	28.40	3.06	-
PK	2.4212G	106.66	Inf	-Inf	75.18	3	Horizontal	127	2.70	-	28.41	3.07	-
AV	2.4228G	93.36	Inf	-Inf	61.86	3	Horizontal	127	2.70	-	28.43	3.07	-
PK	2.4984G	55.24	74.00	-18.76	23.56	3	Horizontal	127	2.70	-	28.58	3.10	-
AV	2.4996G	43.51	54.00	-10.49	11.81	3	Horizontal	127	2.70	-	28.60	3.10	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

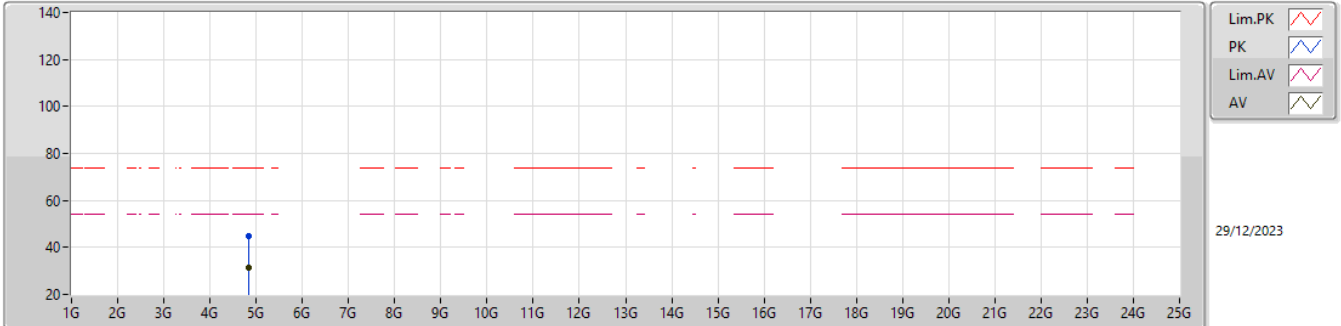


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84046G	44.63	74.00	-29.37	37.16	3	Vertical	92	1.58	-	33.04	5.10	30.67
AV	4.84882G	31.25	54.00	-22.75	23.72	3	Vertical	92	1.58	-	33.09	5.10	30.66

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

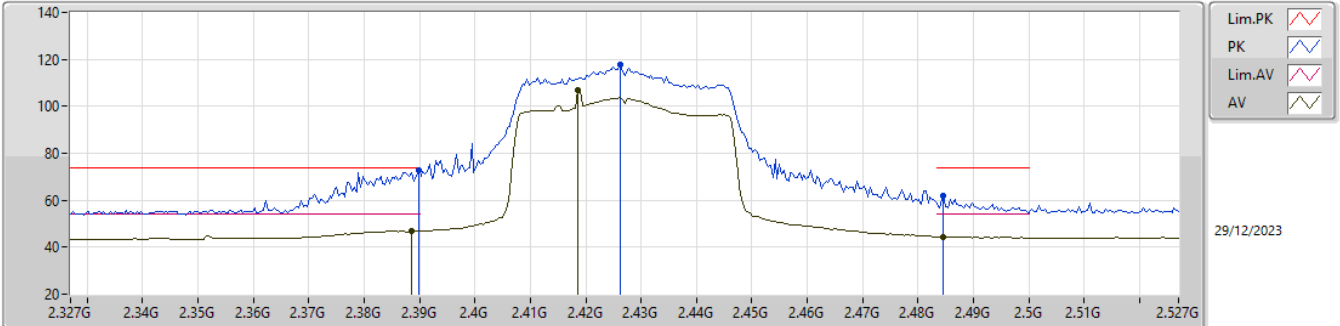


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.84402G	44.65	74.00	-29.35	37.15	3	Horizontal	208	2.82	-	33.06	5.10	30.66
AV	4.8477G	31.20	54.00	-22.80	23.67	3	Horizontal	208	2.82	-	33.09	5.10	30.66

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2427MHz_TX

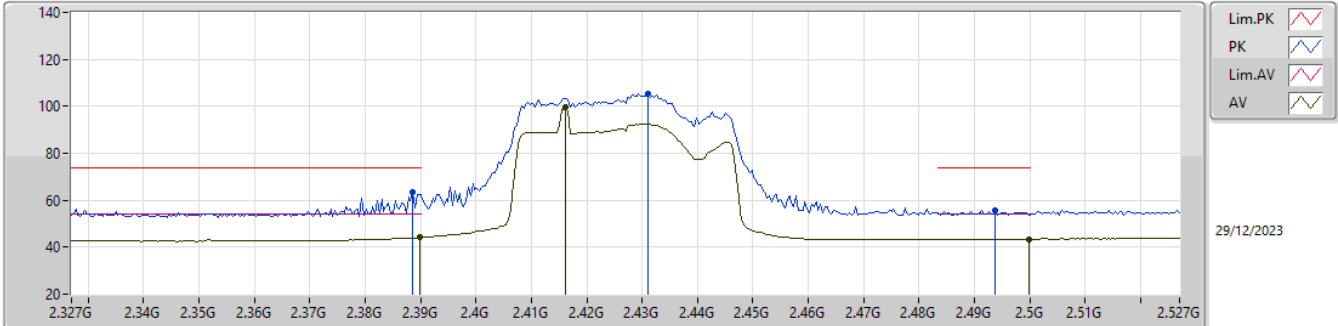


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3898G	72.63	74.00	-1.37	41.18	3	Vertical	88	2.80	-	28.40	3.05	-
AV	2.3886G	46.92	54.00	-7.08	15.47	3	Vertical	88	2.80	-	28.40	3.05	-
PK	2.4262G	117.72	Inf	-Inf	86.19	3	Vertical	88	2.80	-	28.46	3.07	-
AV	2.4186G	106.79	Inf	-Inf	75.32	3	Vertical	88	2.80	-	28.40	3.07	-
PK	2.4846G	61.77	74.00	-12.23	30.18	3	Vertical	88	2.80	-	28.50	3.09	-
AV	2.4846G	44.42	54.00	-9.58	12.83	3	Vertical	88	2.80	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2427MHz_TX

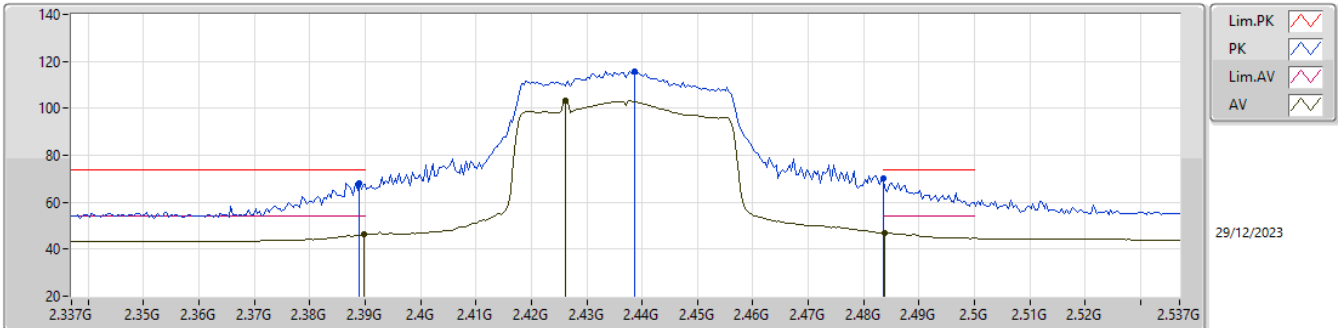


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3886G	63.56	74.00	-10.44	32.11	3	Horizontal	127	1.13	-	28.40	3.05	-
AV	2.3898G	44.06	54.00	-9.94	12.61	3	Horizontal	127	1.13	-	28.40	3.05	-
PK	2.431G	105.26	Inf	-Inf	73.70	3	Horizontal	127	1.13	-	28.49	3.07	-
AV	2.4162G	99.58	Inf	-Inf	68.11	3	Horizontal	127	1.13	-	28.40	3.07	-
PK	2.4938G	55.54	74.00	-18.46	23.90	3	Horizontal	127	1.13	-	28.54	3.10	-
AV	2.4998G	43.47	54.00	-10.53	11.77	3	Horizontal	127	1.13	-	28.60	3.10	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

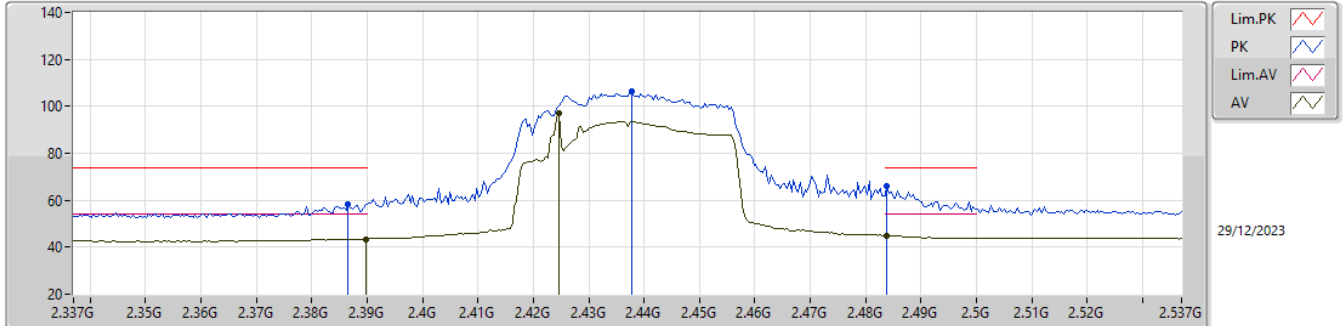


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	68.21	74.00	-5.79	36.76	3	Vertical	63	3.00	-	28.40	3.05	-
AV	2.3898G	46.21	54.00	-7.79	14.76	3	Vertical	63	3.00	-	28.40	3.05	-
PK	2.4386G	115.86	Inf	-Inf	84.37	3	Vertical	63	3.00	-	28.41	3.08	-
AV	2.4262G	103.23	Inf	-Inf	71.70	3	Vertical	63	3.00	-	28.46	3.07	-
PK	2.4835G	70.04	74.00	-3.96	38.45	3	Vertical	63	3.00	-	28.50	3.09	-
AV	2.4838G	47.00	54.00	-7.00	15.41	3	Vertical	63	3.00	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

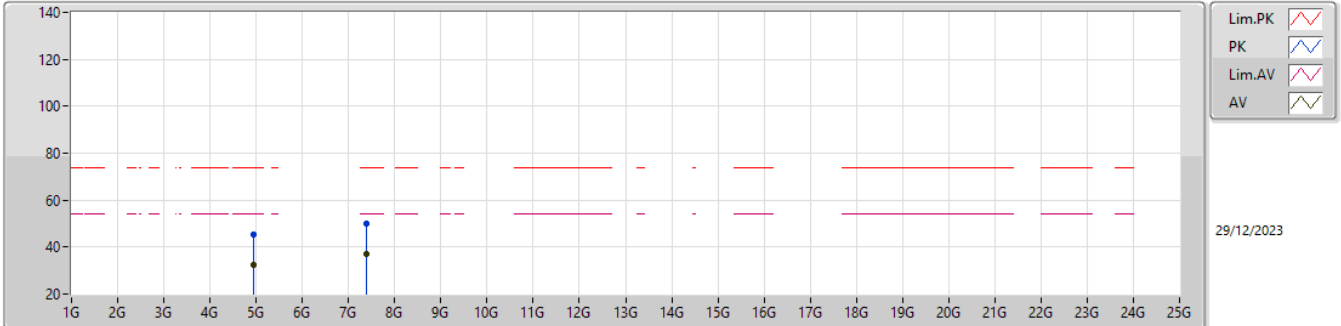


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3866G	58.39	74.00	-15.61	26.94	3	Horizontal	147	2.75	-	28.40	3.05	-
AV	2.3898G	43.49	54.00	-10.51	12.04	3	Horizontal	147	2.75	-	28.40	3.05	-
PK	2.4378G	106.55	Inf	-Inf	75.05	3	Horizontal	147	2.75	-	28.42	3.08	-
AV	2.4246G	96.86	Inf	-Inf	65.34	3	Horizontal	147	2.75	-	28.45	3.07	-
PK	2.4838G	66.27	74.00	-7.73	34.68	3	Horizontal	147	2.75	-	28.50	3.09	-
AV	2.4838G	44.87	54.00	-9.13	13.28	3	Horizontal	147	2.75	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

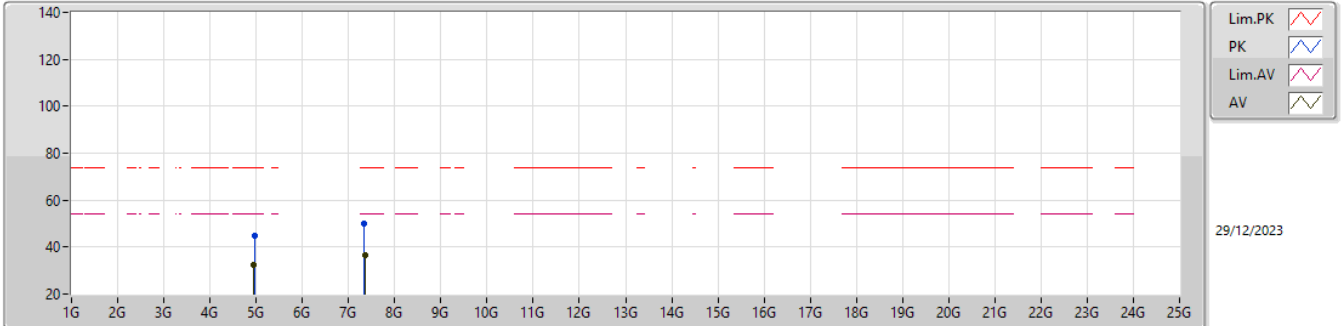


EUT_Z_2TX
Setting 23
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.94G	45.27	74.00	-28.73	37.46	3	Vertical	257	2.11	-	33.28	5.13	30.60
AV	4.9528G	32.32	54.00	-21.68	24.46	3	Vertical	257	2.11	-	33.31	5.14	30.59
PK	7.3754G	49.93	74.00	-24.07	38.83	3	Vertical	274	1.13	-	36.70	6.55	32.15
AV	7.395G	36.92	54.00	-17.08	25.82	3	Vertical	274	1.13	-	36.70	6.56	32.16

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

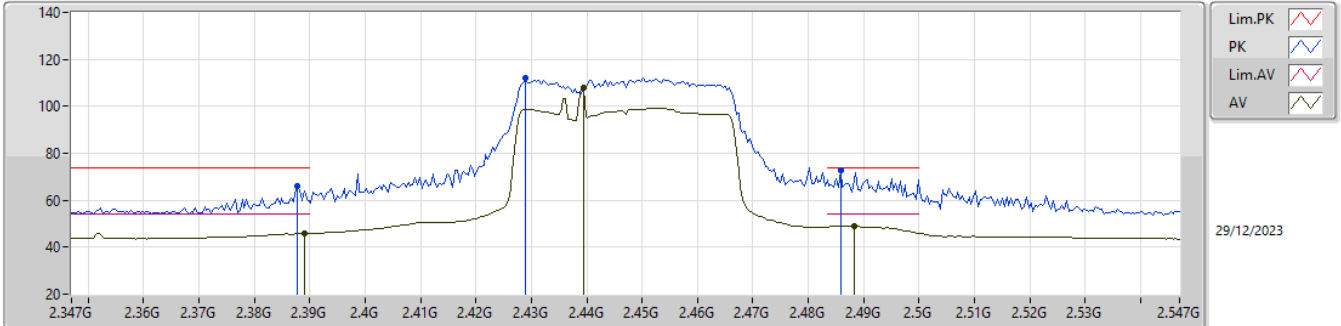


EUT_Z_2TX
Setting 23
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.9724G	44.63	74.00	-29.37	36.73	3	Horizontal	196	2.29	-	33.34	5.14	30.58
AV	4.948G	32.33	54.00	-21.67	24.49	3	Horizontal	196	2.29	-	33.30	5.13	30.59
PK	7.3446G	49.96	74.00	-24.04	38.87	3	Horizontal	355	1.45	-	36.69	6.53	32.13
AV	7.3742G	36.80	54.00	-17.20	25.70	3	Horizontal	355	1.45	-	36.70	6.55	32.15

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2447MHz_TX

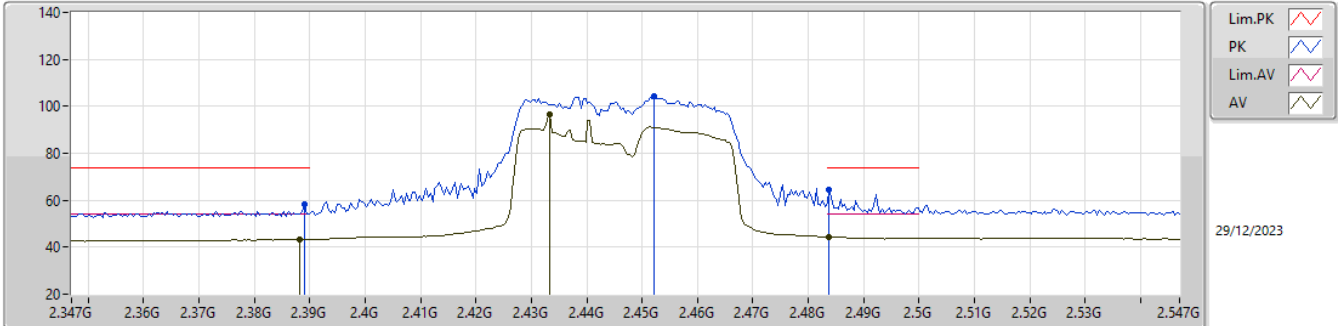


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3878G	65.94	74.00	-8.06	34.49	3	Vertical	296	2.65	-	28.40	3.05	-
AV	2.389G	45.84	54.00	-8.16	14.39	3	Vertical	296	2.65	-	28.40	3.05	-
PK	2.429G	112.03	Inf	-Inf	80.47	3	Vertical	296	2.65	-	28.49	3.07	-
AV	2.4394G	107.89	Inf	-Inf	76.40	3	Vertical	296	2.65	-	28.41	3.08	-
PK	2.4858G	72.77	74.00	-1.23	41.18	3	Vertical	296	2.65	-	28.50	3.09	-
AV	2.4882G	48.92	54.00	-5.08	17.32	3	Vertical	296	2.65	-	28.50	3.10	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2447MHz_TX

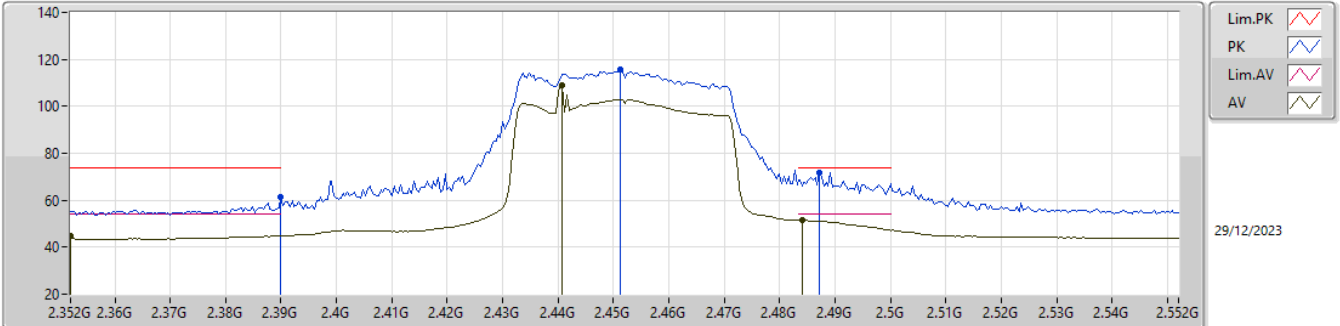


EUT_Z_2TX
Setting 23
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.389G	58.41	74.00	-15.59	26.96	3	Horizontal	51	1.53	-	28.40	3.05	-
AV	2.3882G	43.29	54.00	-10.71	11.84	3	Horizontal	51	1.53	-	28.40	3.05	-
PK	2.4522G	104.25	Inf	-Inf	72.75	3	Horizontal	51	1.53	-	28.42	3.08	-
AV	2.4334G	96.46	Inf	-Inf	64.92	3	Horizontal	51	1.53	-	28.47	3.07	-
PK	2.4838G	64.23	74.00	-9.77	32.64	3	Horizontal	51	1.53	-	28.50	3.09	-
AV	2.4838G	44.32	54.00	-9.68	12.73	3	Horizontal	51	1.53	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

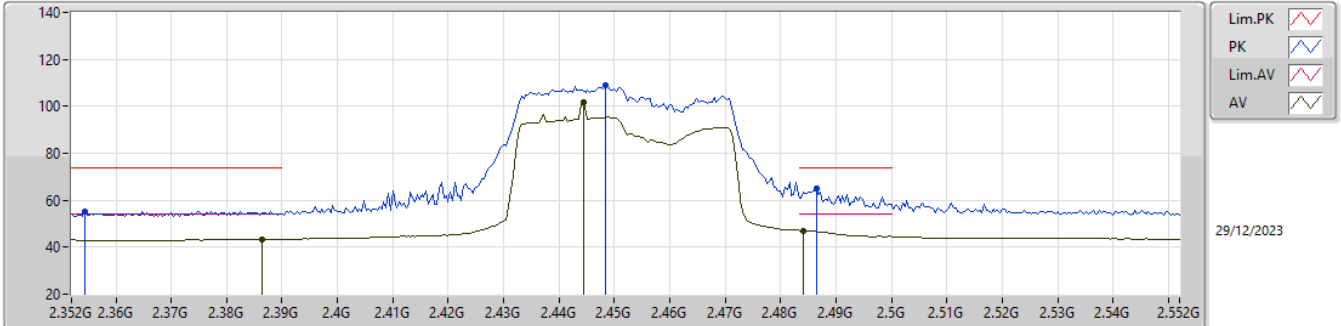


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	61.15	74.00	-12.85	29.69	3	Vertical	175	3.00	-	28.40	3.06	-
AV	2.352G	44.97	54.00	-9.03	13.73	3	Vertical	175	3.00	-	28.20	3.04	-
PK	2.4512G	115.69	Inf	-Inf	84.20	3	Vertical	175	3.00	-	28.41	3.08	-
AV	2.4408G	108.95	Inf	-Inf	77.47	3	Vertical	175	3.00	-	28.40	3.08	-
PK	2.4872G	71.79	74.00	-2.21	40.20	3	Vertical	175	3.00	-	28.50	3.09	-
AV	2.484G	51.51	54.00	-2.49	19.92	3	Vertical	175	3.00	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

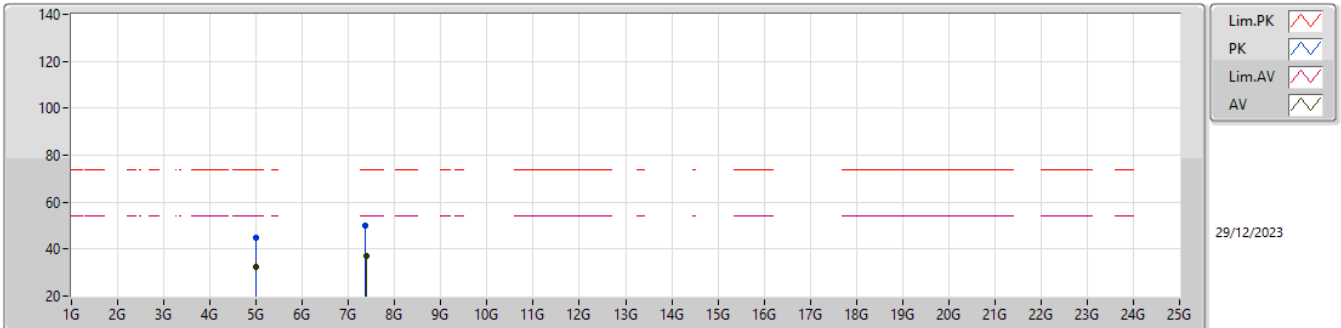


EUT_Z_2TX
Setting 22
02-E-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3544G	55.12	74.00	-18.88	23.88	3	Horizontal	53	1.52	-	28.20	3.04	-
AV	2.3864G	43.44	54.00	-10.56	11.99	3	Horizontal	53	1.52	-	28.40	3.05	-
PK	2.4484G	108.87	Inf	-Inf	77.39	3	Horizontal	53	1.52	-	28.40	3.08	-
AV	2.4444G	101.48	Inf	-Inf	70.00	3	Horizontal	53	1.52	-	28.40	3.08	-
PK	2.4864G	64.77	74.00	-9.23	33.18	3	Horizontal	53	1.52	-	28.50	3.09	-
AV	2.484G	47.14	54.00	-6.86	15.55	3	Horizontal	53	1.52	-	28.50	3.09	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

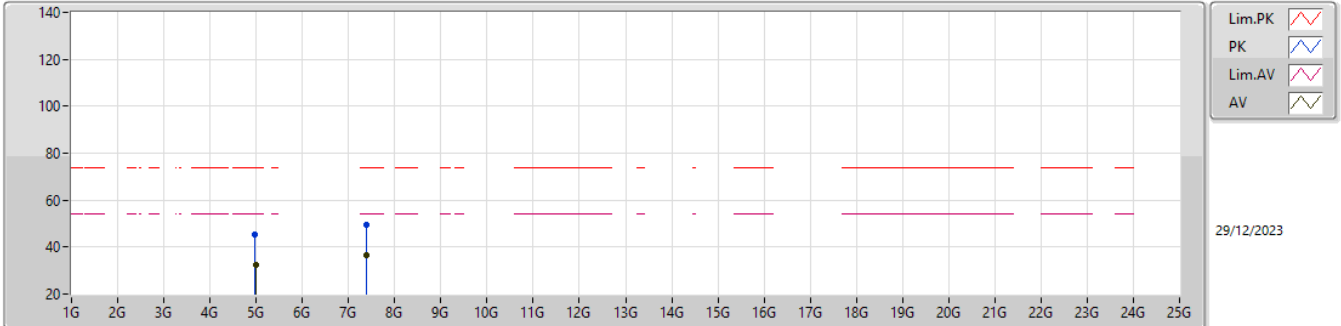


EUT_Z_2TX
Setting 22
02-E-G-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.994G	45.02	74.00	-28.98	37.04	3	Vertical	246	1.55	-	33.39	5.15	30.56
AV	4.9848G	32.46	54.00	-21.54	24.51	3	Vertical	246	1.55	-	33.37	5.15	30.57
PK	7.3664G	50.13	74.00	-23.87	39.04	3	Vertical	271	2.75	-	36.70	6.54	32.15
AV	7.3952G	36.82	54.00	-17.18	25.72	3	Vertical	271	2.75	-	36.70	6.56	32.16

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



EUT_Z_2TX
Setting 22
02-E-G-4

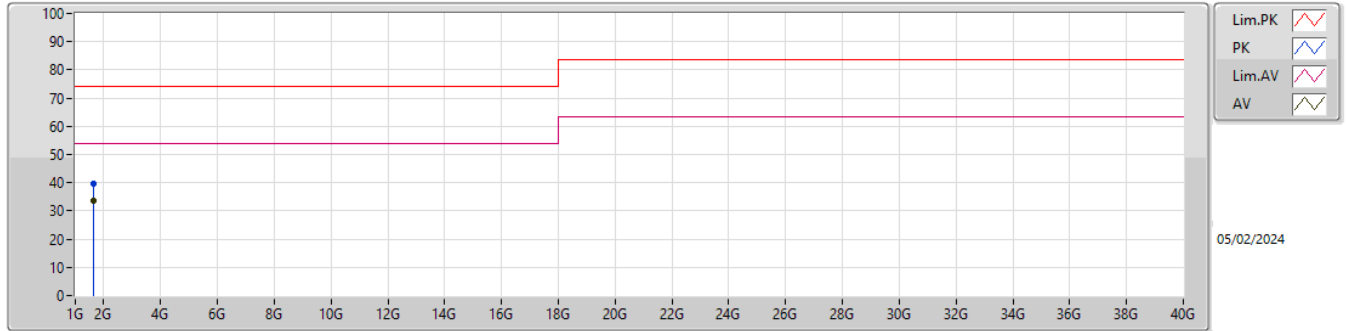
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.9704G	45.32	74.00	-28.68	37.42	3	Horizontal	251	2.03	-	33.34	5.14	30.58
AV	5.0004G	32.32	54.00	-21.68	24.33	3	Horizontal	251	2.03	-	33.40	5.15	30.56
PK	7.3956G	49.71	74.00	-24.29	38.61	3	Horizontal	259	2.86	-	36.70	6.56	32.16
AV	7.3896G	36.79	54.00	-17.21	25.70	3	Horizontal	259	2.86	-	36.70	6.55	32.16



Summary

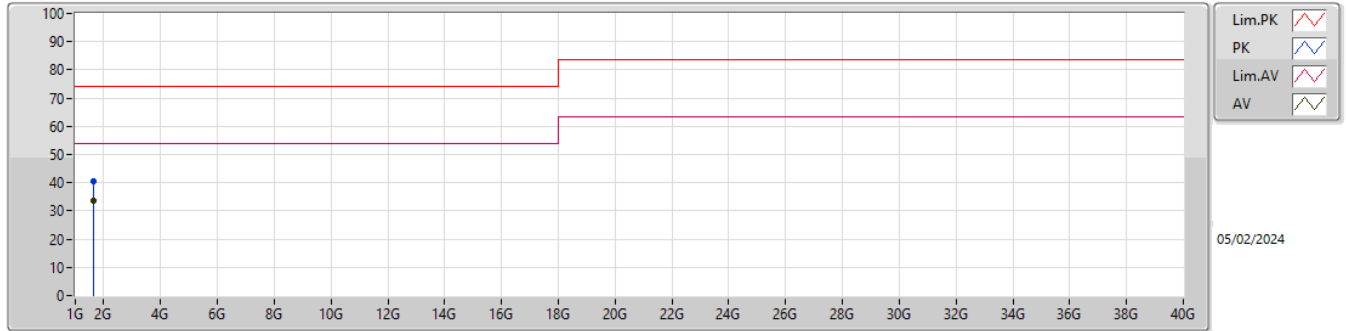
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.63006G	33.70	54.00	-20.30	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.6203G	39.73	74.00	-34.27	-7.17	3	Vertical	27	1.66	-	46.90	25.20	4.36	36.73
AV	1.63G	33.46	54.00	-20.54	-7.06	3	Vertical	27	1.66	"Worst"	40.52	25.30	4.37	36.73

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	1.62974G	40.60	74.00	-33.40	-7.06	3	Horizontal	284	1.91	-	47.66	25.30	4.37	36.73
AV	1.63006G	33.70	54.00	-20.30	-7.06	3	Horizontal	284	1.91	"Worst"	40.76	25.30	4.37	36.73