



RADIO TEST REPORT

FCC ID : UDX-600200010
Equipment : Cisco Wireless 9178I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9178I
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 17, 2024, and testing was started from Feb. 21, 2024 and completed on Jun. 11, 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: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3



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/manufacture 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]

<Radio 1>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1, 2, 4TX/4RX
2.4-2.4835GHz	802.11g	20	1, 2, 4TX/4RX
2.4-2.4835GHz	802.11n HT20	20	1, 2, 4TX/4RX
2.4-2.4835GHz	802.11n HT20-BF	20	2, 4TX/4RX
2.4-2.4835GHz	VHT20	20	1, 2, 4TX/4RX
2.4-2.4835GHz	VHT20-BF	20	2, 4TX/4RX
2.4-2.4835GHz	802.11ax HEW20	20	1, 2, 4TX/4RX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2, 4TX/4RX
2.4-2.4835GHz	802.11be EHT20	20	1, 2, 4TX/4RX
2.4-2.4835GHz	802.11be EHT20-BF	20	2, 4TX/4RX

<Scanning Radio 5>

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX/2RX
2.4-2.4835GHz	802.11g	20	1TX/2RX
2.4-2.4835GHz	802.11n HT20	20	1TX/2RX
2.4-2.4835GHz	VHT20	20	1TX/2RX
2.4-2.4835GHz	802.11ax HEW20	20	1TX/2RX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20 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.	Brand Name	Model Name	Antenna Type	Connector	Support Function	Gain (dBi)
1	WNC	95XEAK15.G98	PIFA	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	Note2
2	WNC	95XEAK15.G96	PCB	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
3	WNC	95XEAK15.G97	PCB	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
4	WNC	95XEAK15.G99	PIFA	I-PEX	Radio 1 2.4GHz and Radio 2 5GHz UNII 1~2A	
5	WNC	95XEAK15.GA3	PIFA	I-PEX	Radio 3 5GHz UNII 1~3	
6	WNC	95XEAK15.GA1	PCB	I-PEX	Radio 3 5GHz UNII 1~3	
7	WNC	95XEAK15.GA2	PCB	I-PEX	Radio 3 5GHz UNII 1~3	
8	WNC	95XEAK15.GA4	PIFA	I-PEX	Radio 3 5GHz UNII 1~3	
9	WNC	95XEAK15.GA7	PIFA	I-PEX	Radio 4 6GHz UNII 5~8	
10	WNC	95XEAK15.GA5	PCB	I-PEX	Radio 4 6GHz UNII 5~8	
11	WNC	95XEAK15.GA6	PCB	I-PEX	Radio 4 6GHz UNII 5~8	
12	WNC	95XEAK15.GA8	PIFA	I-PEX	Radio 4 6GHz UNII 5~8	
13	WNC	95XEAK15.GAB	PIFA	I-PEX	Radio 5 2.4GHz, 5GHz UNII 1~3 and 6GHz UNII 5~8	
14	WNC	95XEAK15.GAC	PIFA	I-PEX	Radio 5 2.4GHz, 5GHz UNII 1~3 and 6GHz UNII 5~8	
15	WNC	95XEAK15.GA9	PIFA	I-PEX	Radio 6 Bluetooth and Zigbee	
16	WNC	95XEAK15.GBM	PIFA	I-PEX	Radio 7 UWB	
17	WNC	95XEAK15.GBD	PCB	I-PEX	Radio 7 UWB	
18	WNC	95XEAK15.GAA	PIFA	I-PEX	Radio 8 GPS	



Ant.	Port															
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A			R3: WLAN 5GHz UNII 1~3			R4: WLAN 6GHz UNII 5~8			R5: WLAN 2.4GHz, WLAN 5GHz UNII 1~3, WLAN 6GHz UNII 5~8	R6: Bluetooth /Zigbee	R7: UWB	R8: GPS
	1TX	2TX	4TX	1TX	2TX	4TX	1TX	2TX	4TX	1TX	2TX	4TX	1TX	1TX	2TX	1RX
1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
2	-	-	4	-	-	4	-	-	-	-	-	-	-	-	-	-
3	-	2	2	-	2	2	-	-	-	-	-	-	-	-	-	-
4	-	-	3	-	-	3	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-
6	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
11	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Note 1: R means Radio.



Note 2:

Ant.	Antenna Gain (dBi)								
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A					
				5.2G			5.3G		
1	2.85			3.51			3.24		
2	3.82			3.53			2.9		
3	3.85			3.93			3.85		
4	2.41			4.97			3.73		
Ant.	R3: WLAN 5GHz UNII 1~3								
	5.2G		5.3G		5.6G		5.785G		
5	3.19		2.63		3.54		3.53		
6	4.83		3.89		4.03		3.86		
7	4.73		3.86		4.54		3.48		
8	3.64		2.51		3.91		3.45		
Ant.	R4: WLAN 6GHz UNII 5~8								
	6.175G		6.475G		6.695G		6.995G		
9	4.69		3.74		4.57		5.38		
10	4.68		5.42		5.56		4.3		
11	4.77		4.82		4.67		4.42		
12	4.7		2.33		3.23		3.98		
Ant.	R5: WLAN 2.4GHz/5GHz UNII 1~3/WLAN 6GHz UNII 5~8								
	2.45G	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G
13	2.17	2.74	3.39	4.78	3.51	3.96	4.67	4.31	4.8
14	1.83	5.46	4.17	6.68	6.06	5.1	4.49	4.37	4.7
Ant.	R6: Bluetooth/Zigbee								
	2.91								
Ant.	R7: UWB								
	6.3								
16	6.5								
17									
Ant.	R8: GPS								
	1.16GHz~1.19GHz					1.56GHz~1.59GHz			
18	2.3					4.9			

Note 3:

Item	Directional Gain (dBi)								
	R1: WLAN 2.4GHz			R2: WLAN 5GHz UNII 1~2A					
				5.2G			5.3G		
2T1S	4.47			3.93			3.85		
2T2S	3.85			3.93			3.85		
4T1S	7.01			5.11			4.06		
4T2S	4.01			4.97			3.85		
4T4S	3.85			4.97			3.85		
Item	R3: WLAN 5GHz UNII 1~3 / R4: WLAN 6GHz UNII 5~8								
	5.2G	5.3G	5.6G	5.785G	6.175G	6.475G	6.695G	6.995G	
2T1S	4.83	3.89	4.03	3.86	4.97	4.82	4.67	4.42	
2T2S	4.83	3.89	4.03	3.86	4.77	4.82	4.67	4.42	
4T1S	6.96	5.69	6.34	5.28	6.14	6.09	6.02	5.46	
4T2S	4.83	3.89	4.54	3.86	4.77	5.42	5.56	5.38	
4T4S	4.83	3.89	4.54	3.86	4.77	5.42	5.56	5.38	

Note 4: The above information (excepting antenna gain of Radio 1~6) was declared by manufacturer.

Note 5: Radio 1~5: Maximum Directional Gain following KDB662911 D03.

For WLAN 2.4GHz function (Radio 1):**For IEEE 802.11b/g/n/VHT/ax/be mode (1TX,2TX,4TX/4RX):**

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

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



For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

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

For WLAN 5GHz UNII 1~2A function (Radio 2):

For IEEE 802.11a/n/ac/ax/be mode (1TX,2TX,4TX/4RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

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

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

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

For WLAN 5GHz UNII 1~3 function (Radio 3):

For IEEE 802.11a/n/ac/ax/be mode (1TX,2TX,4TX/4RX)

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

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

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

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

For WLAN 6GHz UNII 5~8 function (Radio 4):

For IEEE 802.11ax/be mode (1TX,2TX,4TX/4RX)

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

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

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

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

For Scanning Radio 5:

For WLAN 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For WLAN 5GHz UNII 1~3 function:

For IEEE 802.11a/n/ac/ax mode (1TX/2RX):

For 1TX



Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For WLAN 6GHz UNII 5~8:

For IEEE 802.11ax mode (1TX/2RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2RX

Port 1 and Port 2 can be used as receiving antennas.

Port 1 and Port 2 could receive simultaneously.

For Bluetooth/Zigbee function (Radio 6):

For Bluetooth/Zigbee mode (1TX/1RX):

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

For UWB function (Radio 7):

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

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

For GPS function (Radio 8):

For GPS mode (1RX):

Only Port 1 can be used as receiving antenna.

**1.1.3 Mode Test Duty Cycle****<Radio 1>**

Mode	DC	DCF(dB)	T(s)	VBW(Hz)_1/T
802.11b_Nss 1,(1D)	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

<Scanning Radio 5>

Mode	DC	DCF(dB)	T(s)	VBW(Hz)_1/T
802.11b_Nss 1,(1D)	0.973	0.12	12.627m	100
802.11g_Nss 1,(6D)	0.944	0.25	1.977m	1k
802.11ax HEW20_Nss 1,(M0)	0.815	0.89	5.446m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in Radio1-2.4GHz, n/ac/ax/be in Radio2 and Radio 3-5GHz and ax/be in Radio4-6GHz.			
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For Non-beamforming mode: QSPR v6.00.00110.1 For Beamforming mode: DOS[ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Support Function

Function	Supports Band
AP	2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8, Bluetooth, Zigbee, UWB and GPS
Mesh	6GHz UNII 5~8

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

Note2: The above information was declared by manufacturer.

**1.1.6 Table for Multiple Listing**

Equipment Name	Model Name	Software	Frequencies supported by 320MHz
Cisco Wireless 9178I Series Wi-Fi 7 Access Point	CW9178I	Cisco	6105, 6265, 6425, 6745 MHz
		Meraki	6105, 6265, 6425, 6585, 6745, 6905 MHz

Note: The above information was declared by manufacturer.

1.1.7 Table for Radio function

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee	UWB	GPS
1	V	-	-	-	-	-	-
2	-	V (UNII 1~2A)	-	-	-	-	-
3	-	V (UNII 2C~3/UNII 1~3)	-	-	-	-	-
4	-	-	V	-	-	-	-
5 (Scanning Radio)	V	V (UNII 1~3)	V	-	-	-	-
6	-	-	-	V	V	-	-
7	-	-	-	-	-	V	-
8	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 1 and Radio 5 can't operate at the same frequency.

For WLAN 5GHz: The Radio 2, 3, 5 can't operate at the same frequency.

For WLAN 6GHz: The Radio 4 and Radio 5 can't operate at the same frequency simultaneously.

1.1.8 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 2.4GHz+R6: Bluetooth+R7: UWB
2	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 5GHz+R6: Bluetooth+R7: UWB
3	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 6GHz+R6: Bluetooth+R7: UWB
4	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 2.4GHz+R6: Zigbee+R7: UWB
5	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 5GHz+R6: Zigbee+R7: UWB
6	R1: 2.4GHz+R2: 5GHz Low Band+R3: 5GHz Full Band/High band+R4: 6GHz+R5: 6GHz+R6: Zigbee+R7: UWB

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 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	TH03-CB	Ken Yeh	21.4~22.7 / 66~69	Mar. 04, 2024~ May 24, 2024
Radiated (below 1GHz)	03CH05-CB	Gordon Hung	21.6-22.7 / 56-59	May 30, 2024
Radiated (above 1GHz)	03CH01-CB	Gordon Hung	22-23 / 55-58	Feb. 21, 2024~ Apr. 24, 2024
	03CH02-CB	Gordon Hung	21.8-22.9 / 55-58	Feb. 21, 2024~ Apr. 24, 2024
	03CH03-CB	Gordon Hung	21.4-22.5 / 55-58	Feb. 21, 2024~ Apr. 24, 2024
Radiated (Co-location)	03CH01-CB	Gordon Hung	22-23 / 55-58	May 30, 2024
AC Conduction	CO01-CB	Bob Chang	22~23 / 55~56	Jun. 06, 2024~ Jun. 11, 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 Date: Date Before May 28, 2024

Test Items	Uncertainty	Remark
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%

Test Date: Date After May 27, 2024

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

<Radio 1>

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11b_Nss1,(1Mbps)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_4TX



2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz

<Scanning Radio 5>

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz

Note:

- ♦ For Radio 1: Evaluated EHT20 mode only due to the similar modulation. The power setting of HT20/VHT20/HEW20 mode are the same or lower than EHT20.
- ♦ For Scanning Radio 5: Evaluated HEW20 mode only due to the similar modulation. The power setting of HT20/VHT20 mode are the same or lower than HEW20.
- ♦ For Radio 1: The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT + Radio 1(2.4GHz) + LAN 0 port + PoE 1
2	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~9 will follow this same test mode.	
3	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 2
4	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 3
5	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 4
6	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 5
7	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 6
8	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 7
9	EUT + Radio 1(2.4GHz) + LAN 1 port + PoE 8
Mode 5 has been evaluated to be the worst case among Mode 1~9, thus measurement for Mode 10~17 will follow this same test mode.	
10	EUT + Radio 2(5GHz Low Band) + LAN 1 port + PoE 4
11	EUT + Radio 3(5GHz Full Band/High Band) + LAN 1 port + PoE 4
12	EUT + Radio 4(6GHz Full Band) + LAN 1 port + PoE 4
13	EUT + Scanning Radio 5(2.4GHz) + LAN 1 port + PoE 4
14	EUT + Scanning Radio 5(5GHz Full Band) + LAN 1 port + PoE 4
15	EUT + Scanning Radio 5(6GHz Full Band) + LAN 1 port + PoE 4
16	EUT + Radio 6(Bluetooth) + LAN 1 port + PoE 4
17	EUT + Radio 6(Zigbee) + LAN 1 port + PoE 4
For operating mode 5 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
1	Radio 1
2	Radio 5



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
After evaluating, the worst case was found at as below for Emissions in Restricted Frequency Bands above 1GHz. Thus, the measurement will follow this same test configuration.	
1	EUT in Y-axis + Radio 1(2.4GHz) + LAN0 port + PoE 1
2	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 1
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~9 will follow this same test mode.	
3	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 2
4	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 3
5	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 4
6	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 5
7	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 6
8	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 7
9	EUT in Y-axis + Radio 1(2.4GHz) + LAN1 port + PoE 8
Mode 6 has been evaluated to be the worst case among Mode 1~9, thus measurement for Mode 10~17 will follow this same test mode.	
10	EUT in X-axis + Radio 2(5GHz Low Band) + LAN1 port + PoE 5
11	EUT in Z-axis + Radio 3(5GHz Full Band/High Band) + LAN1 port + PoE 5
12	EUT in X-axis + Radio 4(6GHz Full Band) + LAN1 port + PoE 5
13	EUT in Z-axis + Scanning Radio 5(2.4GHz) + LAN1 port + PoE 5
14	EUT in Y-axis + Scanning Radio 5(5GHz Full Band) + LAN1 port + PoE 5
15	EUT in Z-axis + Scanning Radio 5(6GHz Full Band) + LAN1 port + PoE 5
16	EUT in X-axis + Radio 6(Bluetooth) + LAN1 port + PoE 5
17	EUT in X-axis + Radio 6(Zigbee) + LAN1 port + PoE 5
For operating mode 15 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, the worst case was found as below, so it was selected to perform test and its test result was written in the report.	
1	Radio 1: EUT in Y-axis_1T1S, 2T1S / EUT in X-axis_4T1S
2	Scanning Radio 5: EUT in Z-axis_1T1S



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, so it was selected to perform test and its test result was written in the report.	
1	EUT in X axis_Radio 1(2.4GHz) + Radio 2(5GHz Low Band)
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(2.4GHz) + Radio 6(Bluetooth) + Radio 7(UWB)
2	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(5GHz) + Radio 6(Bluetooth) + Radio 7(UWB)
3	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(6GHz) + Radio 6(Bluetooth) + Radio 7(UWB)
4	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(2.4GHz) + Radio 6(Zigbee) + Radio 7(UWB)
5	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(5GHz) + Radio 6(Zigbee) + Radio 7(UWB)
6	Radio 1(2.4GHz) + Radio 2(5GHz Low Band) + Radio 3(5GHz Full Band/High Band) + Radio 4(6GHz Full Band) + Scanning Radio 5(6GHz) + Radio 6(Zigbee) + Radio 7(UWB)
Refer to Sporton Test Report No.: FA411617 for Co-location RF Exposure Evaluation.	

Note: The PoEs are for measurement only, would not be marketed.

The information of PoE as below:

Power	Brand Name	Model Name
PoE 1	Microsemi	PD-9001GR/AT/AC
PoE 2	PHIHONG	POE29U-1AT(PL)
PoE 3	DELTA	ADH-65AR B
PoE 4	PHIHONG	POEA33U-1ATE
PoE 5	PHIHONG	POE60U-1BT-X
PoE 6	PHIHONG	POE60U-BTA(X66M-R)
PoE 7	PHIHONG	POE60U-BTA(X664-R)
PoE 8	DELTA	ADH-65AR P



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 10 were executed.

The program was executed as follows:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories	
Bracket 1*1	
Bracket 2*1	

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 4	PHIHONG	POEA33U-1ATE	N/A
B	PC	ASUS	S300TA	TX2-RTL8821CE
C	Flash disk3.0	Transcend	JetFlash-703	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE 5	PHIHONG	POE60U-1BT-X	N/A

**For Radiated (above 1GHz) / Beamforming mode:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE 5	PHIHONG	POE60U-1BT-X	N/A
C	Client	CISCO	R7AQ-C1	UDX-600200010
D	Notebook	DELL	E4300	N/A

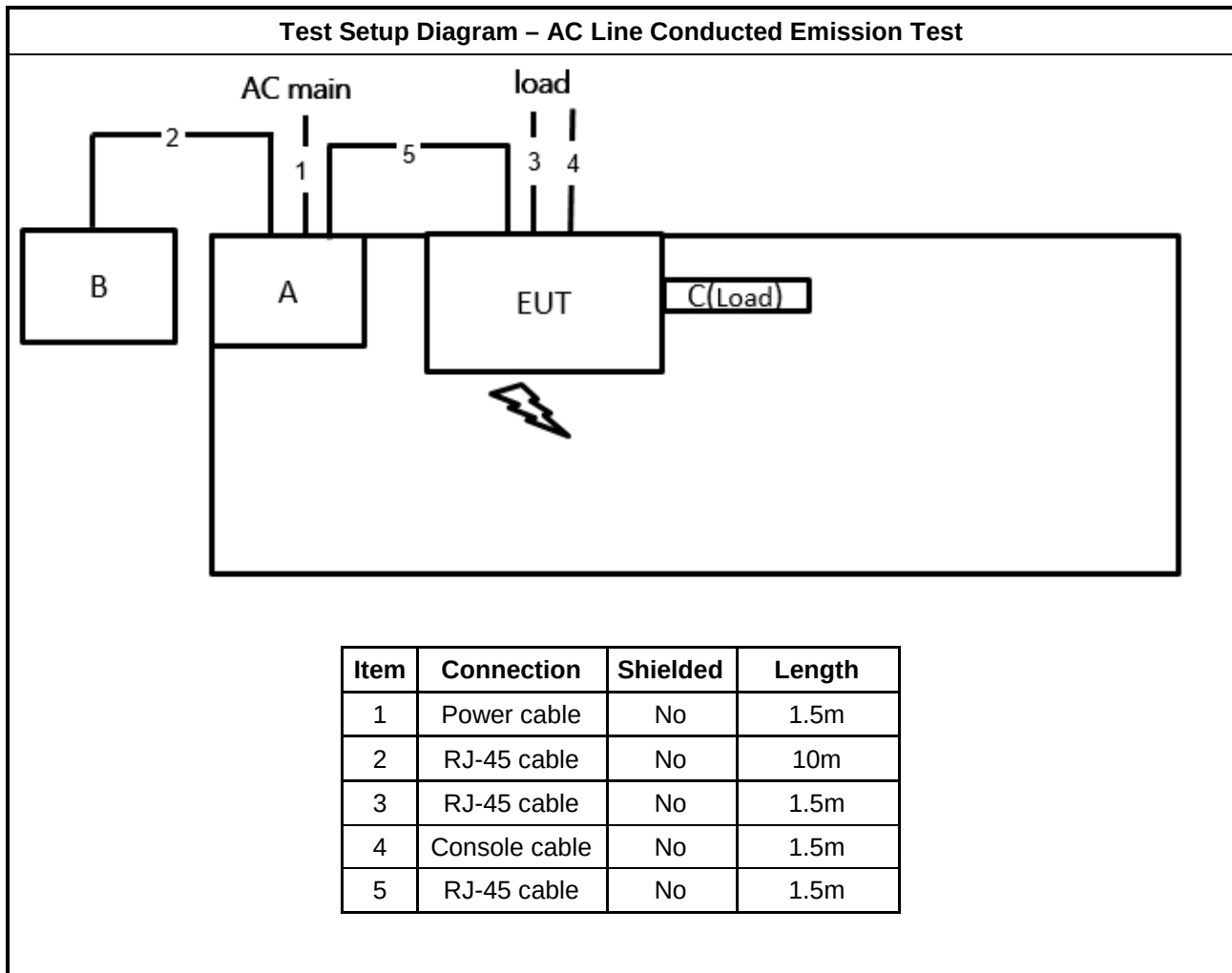
For RF Conducted / Non-beamforming mode:

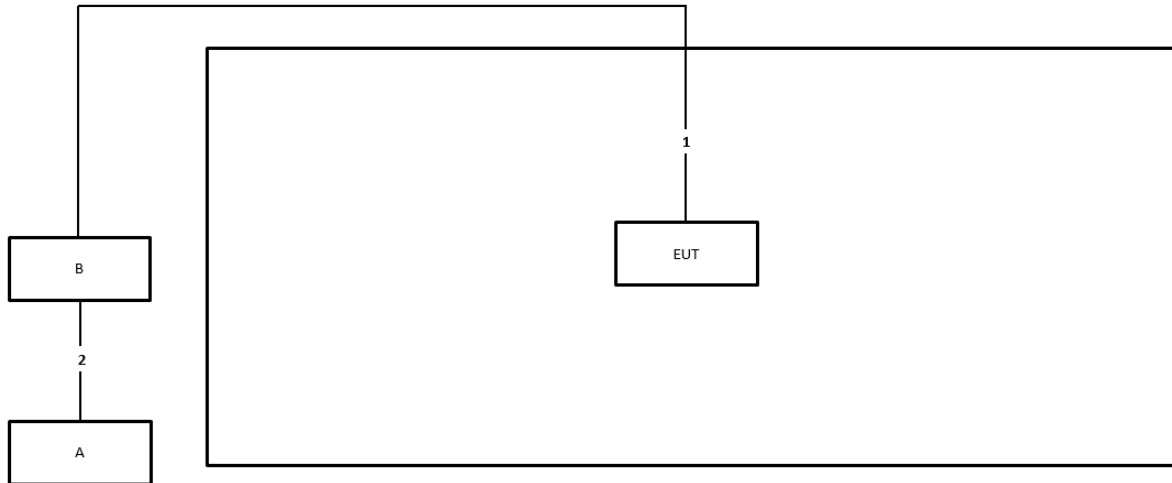
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	Lenovo	L440	N/A
B	PoE 2	PHIHONG	POE29U-1AT(PL)	N/A

For RF Conducted / Beamforming mode:

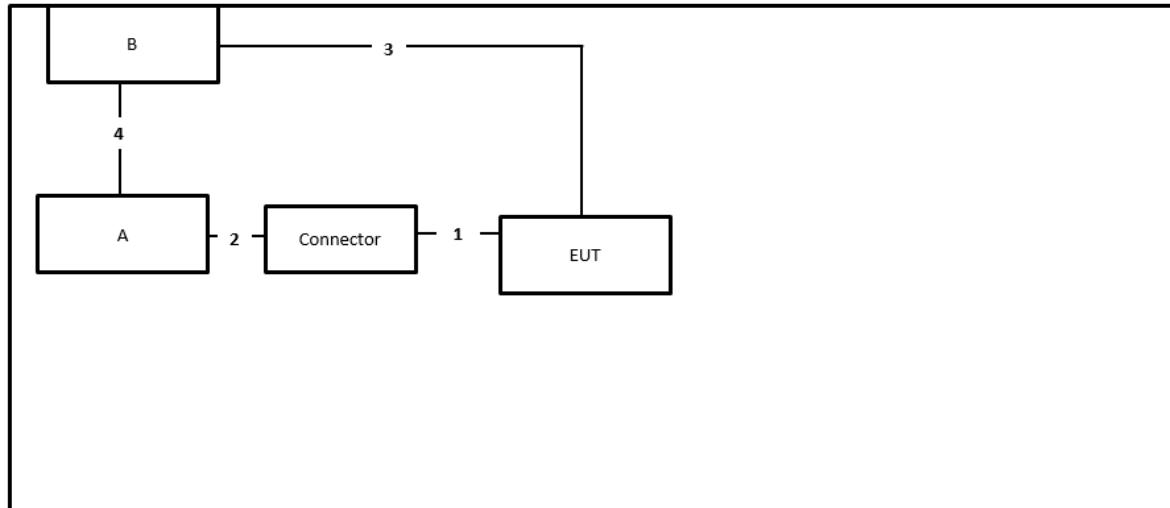
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	Lenovo	L440	N/A
B	PoE 2	PHIHONG	POE29U-1AT(PL)	N/A
C	Client	CISCO	R7AQ-C1	UDX-600200010
D	Notebook	Lenovo	L440	N/A

2.6 Test Setup Diagram

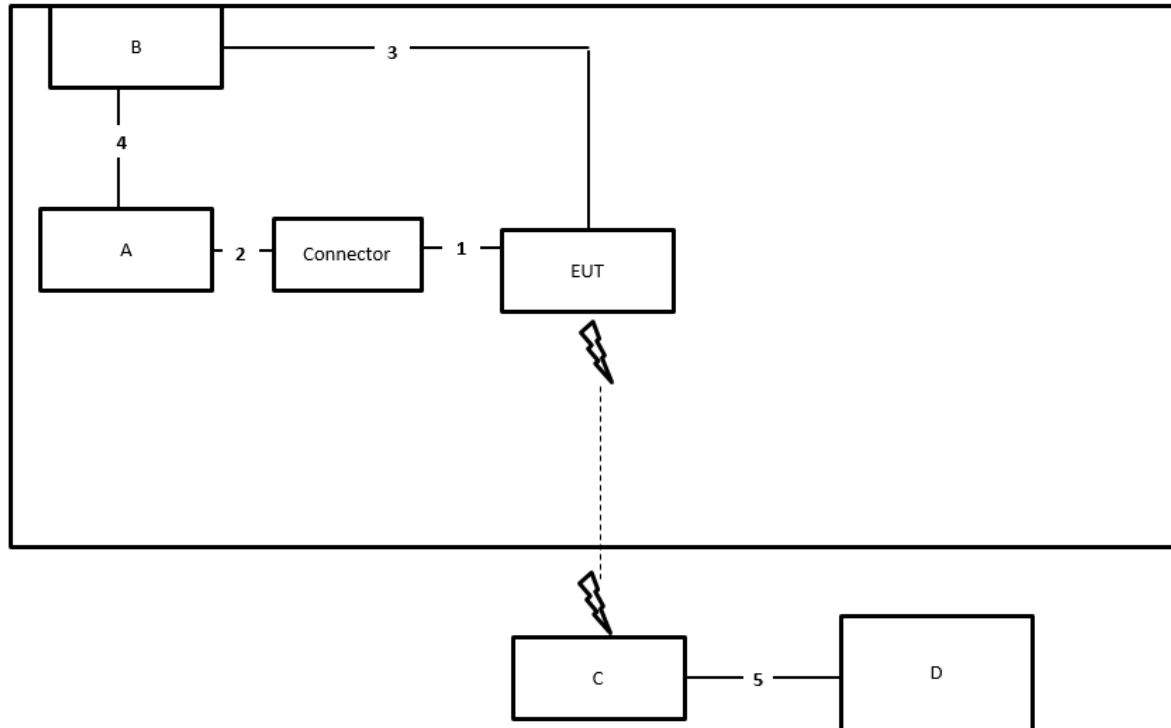


Test Setup Diagram - Radiated Test < 1GHz


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

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


Item	Connection	Shielded	Length
1	Console cable (RS232 to RJ45)	No	1m
2	Console cable (RS232 to USB)	No	1m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	1m

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


Item	Connection	Shielded	Length
1	Console cable (RS232 to RJ45)	No	1m
2	Console cable (RS232 to USB)	No	1m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	1m
5	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

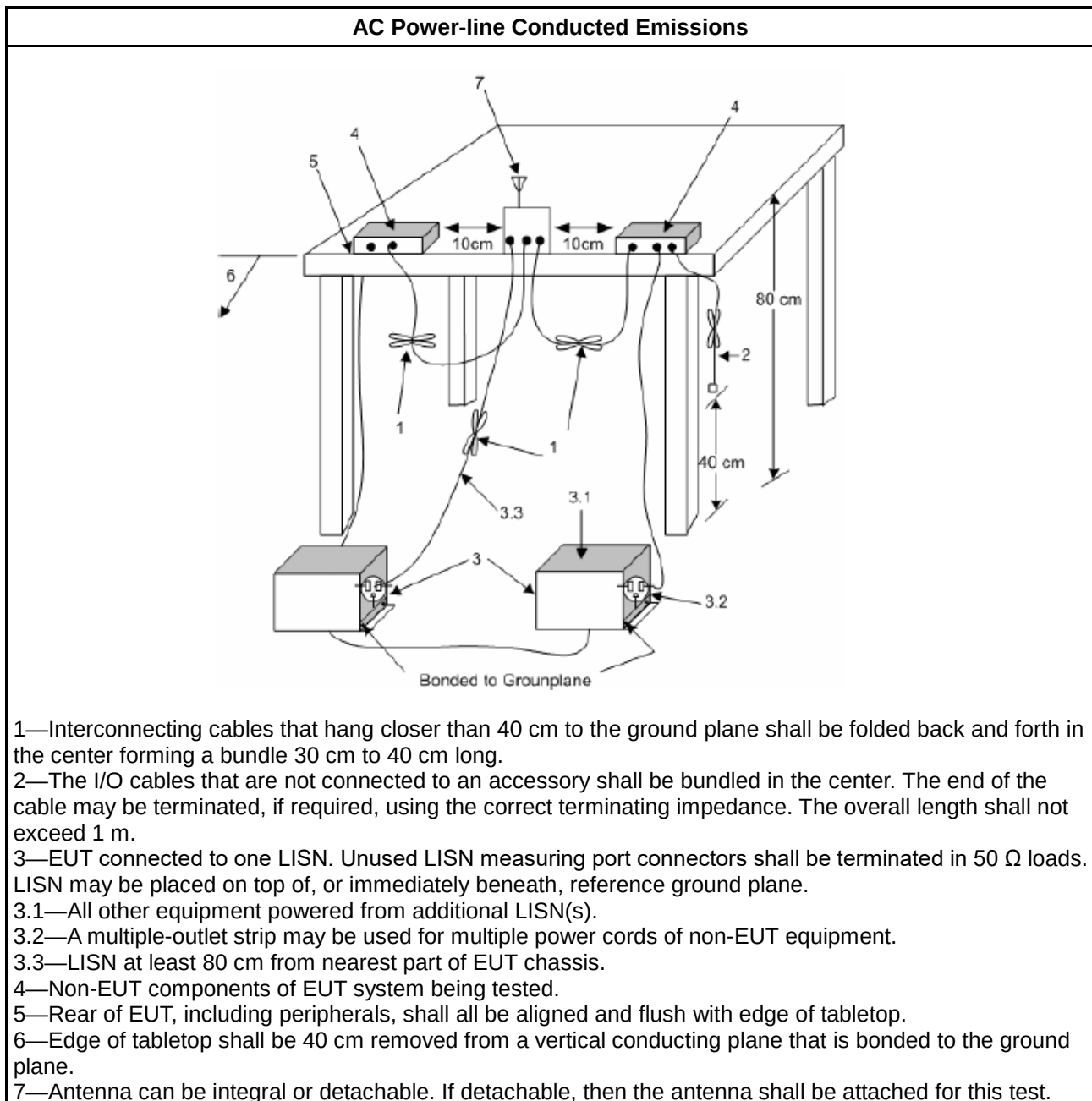
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

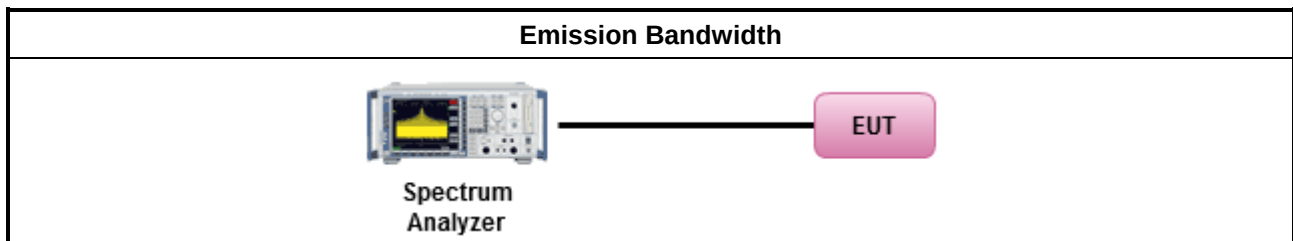
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

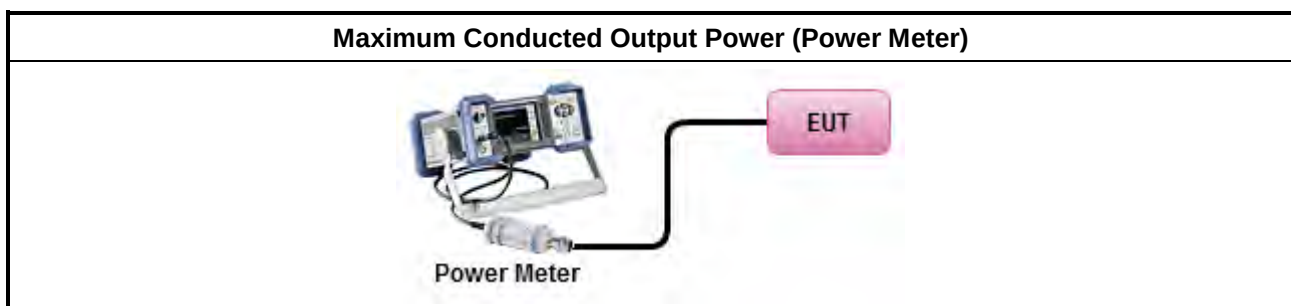
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup





3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

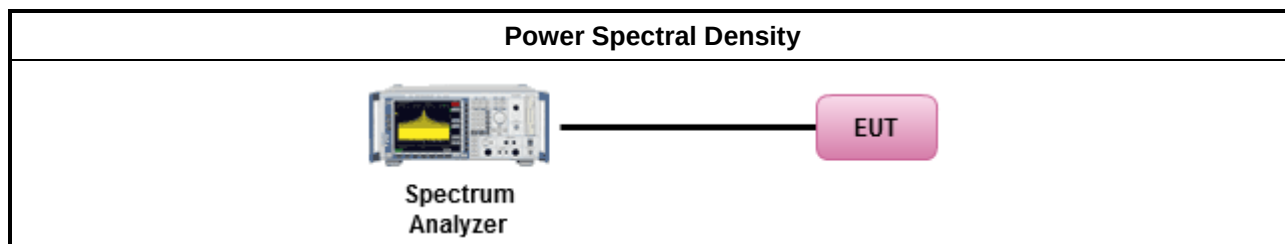
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

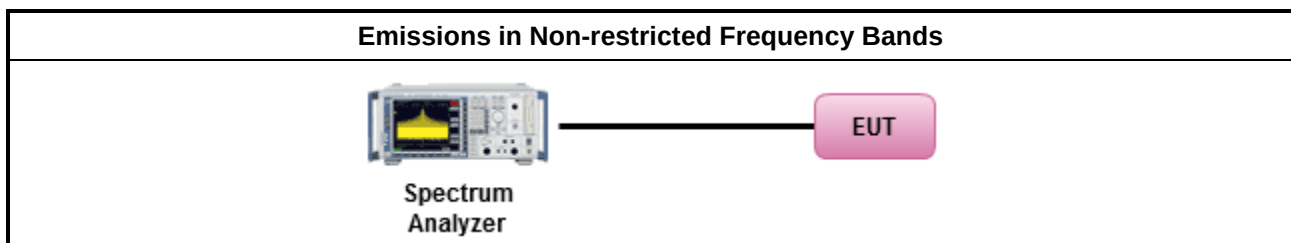
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

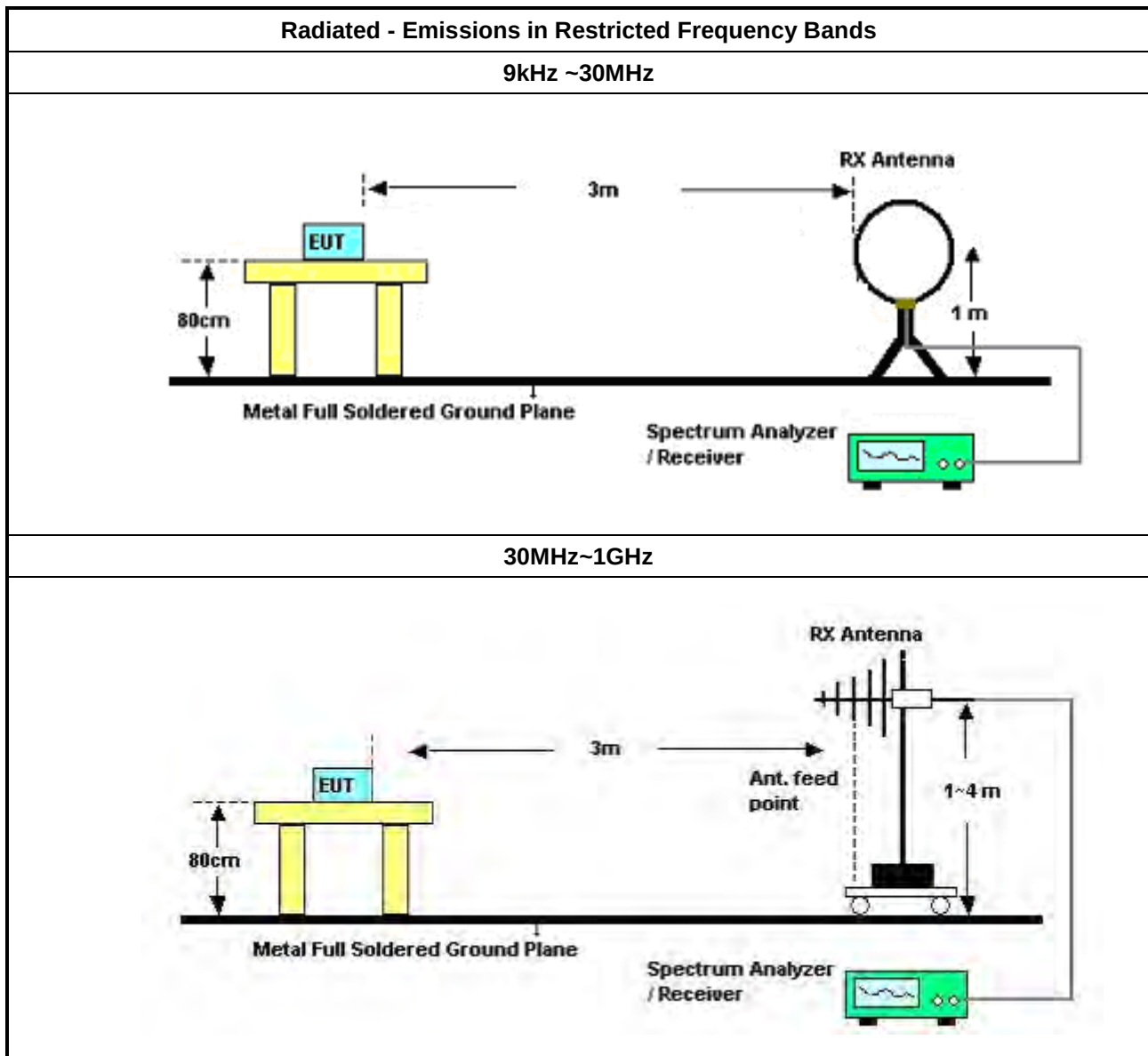
Refer a test equipment and calibration data table in this test report.

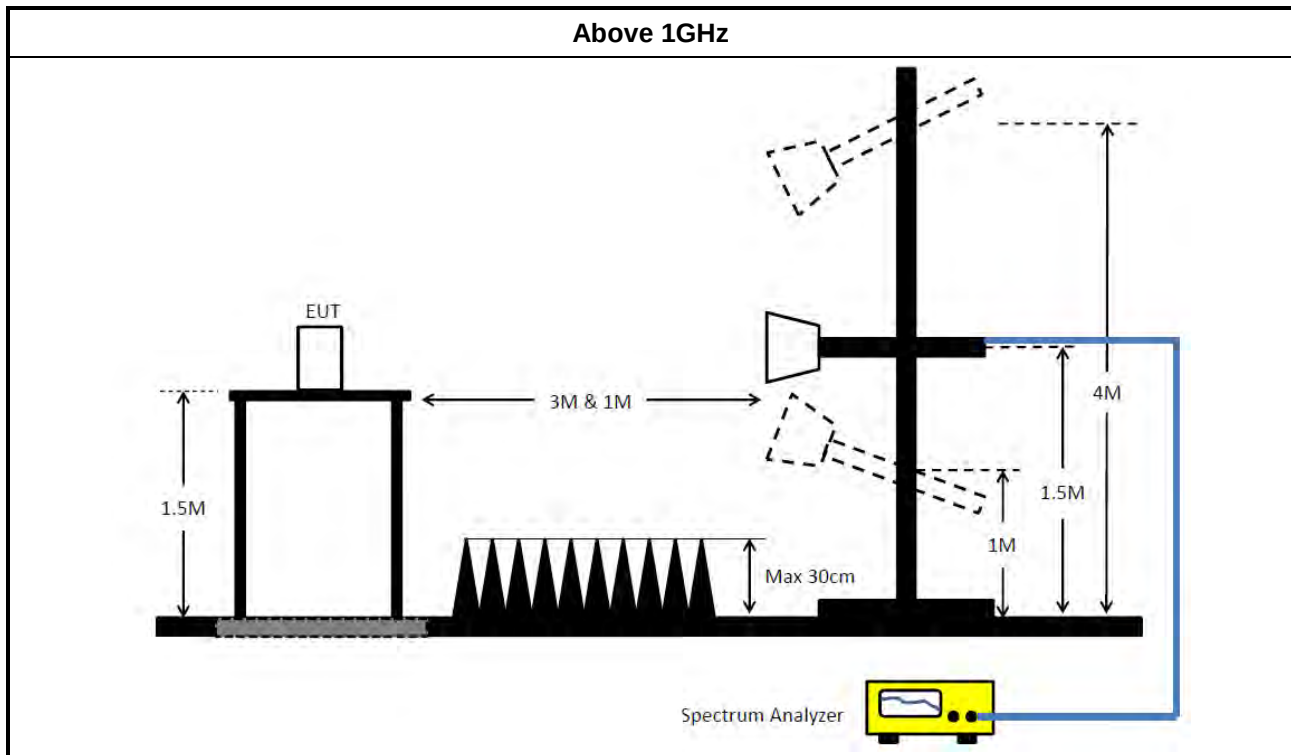


3.6.3 Test Procedures

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

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-5 0-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	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)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	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)
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	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (05CH01-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)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	Jan. 11, 2024	Jan. 10, 2025	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)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	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)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 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)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Feb. 21, 2024	Feb. 20, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Feb. 21, 2024	Feb. 20, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



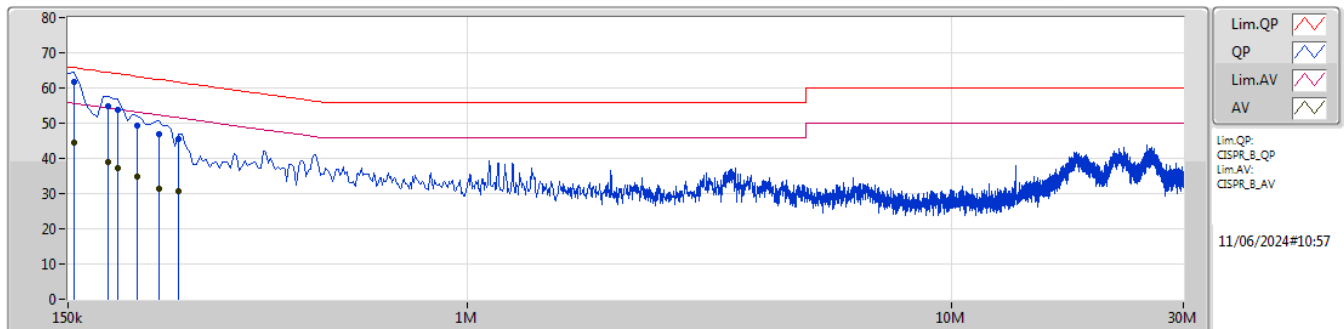
Conducted Emissions at Powerline

Appendix A

Summary

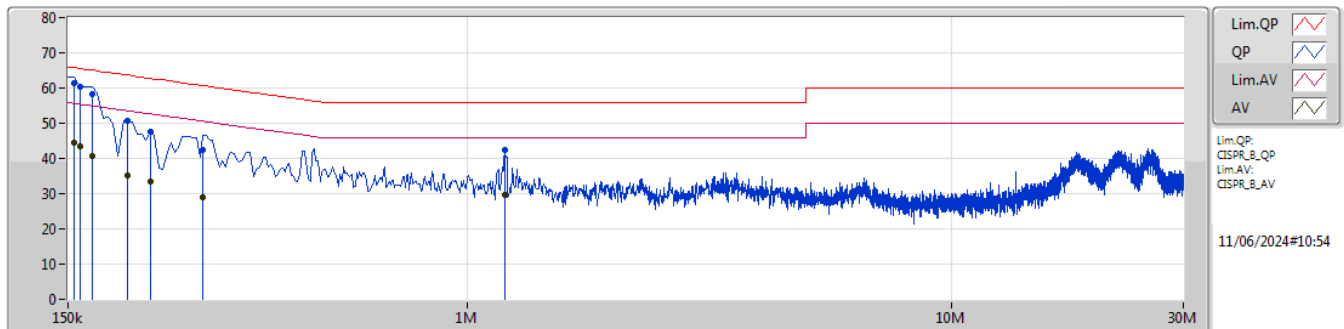
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	QP	154.5k	61.65	65.75	-4.10	Line

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	61.65	65.75	-4.10	10.09	Line	"Worst"	51.56	0.05	0.03	10.01						
AV	154.5k	44.43	55.75	-11.32	10.09	Line	-	34.34	0.05	0.03	10.01						
QP	181.5k	54.97	64.41	-9.44	10.08	Line	-	44.89	0.05	0.03	10.00						
AV	181.5k	38.89	54.41	-15.52	10.08	Line	-	28.81	0.05	0.03	10.00						
QP	190.5k	53.96	64.01	-10.05	10.07	Line	-	43.89	0.05	0.03	9.99						
AV	190.5k	37.08	54.01	-16.93	10.07	Line	-	27.01	0.05	0.03	9.99						
QP	208.5k	49.18	63.27	-14.09	10.07	Line	-	39.11	0.05	0.03	9.99						
AV	208.5k	34.75	53.27	-18.52	10.07	Line	-	24.68	0.05	0.03	9.99						
QP	231k	46.88	62.41	-15.53	10.07	Line	-	36.81	0.05	0.03	9.99						
AV	231k	31.51	52.41	-20.90	10.07	Line	-	21.44	0.05	0.03	9.99						
QP	253.5k	45.39	61.64	-16.25	10.07	Line	-	35.32	0.05	0.03	9.99						
AV	253.5k	30.72	51.64	-20.92	10.07	Line	-	20.65	0.05	0.03	9.99						

Mode 5



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	61.42	65.75	-4.33	10.09	Neutral	"Worst"	51.33	0.05	0.03	10.01						
AV	154.5k	44.39	55.75	-11.36	10.09	Neutral	-	34.30	0.05	0.03	10.01						
QP	159k	60.31	65.52	-5.21	10.09	Neutral	-	50.22	0.05	0.03	10.01						
AV	159k	43.60	55.52	-11.92	10.09	Neutral	-	33.51	0.05	0.03	10.01						
QP	168k	58.25	65.06	-6.81	10.09	Neutral	-	48.16	0.05	0.03	10.01						
AV	168k	40.83	55.06	-14.23	10.09	Neutral	-	30.74	0.05	0.03	10.01						
QP	199.5k	50.86	63.63	-12.77	10.07	Neutral	-	40.79	0.05	0.03	9.99						
AV	199.5k	35.13	53.63	-18.50	10.07	Neutral	-	25.06	0.05	0.03	9.99						
QP	222k	47.58	62.75	-15.17	10.07	Neutral	-	37.51	0.05	0.03	9.99						
AV	222k	33.39	52.75	-19.36	10.07	Neutral	-	23.32	0.05	0.03	9.99						
QP	285k	42.27	60.67	-18.40	10.08	Neutral	-	32.19	0.05	0.03	10.00						
AV	285k	29.07	50.67	-21.60	10.08	Neutral	-	18.99	0.05	0.03	10.00						
QP	1.194M	42.32	56.00	-13.68	10.11	Neutral	-	32.21	0.07	0.04	10.00						
AV	1.194M	29.65	46.00	-16.35	10.11	Neutral	-	19.54	0.07	0.04	10.00						

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)_1TX	12.75M	16.491M	16M5G1D	12.6M	15.974M
802.11b_Nss1,(1Mbps)_2TX	13.1M	16.17M	16M2G1D	12.6M	15.991M
802.11b_Nss1,(1Mbps)_4TX	13.55M	16.119M	16M1G1D	12.8M	15.938M
802.11g_Nss1,(6Mbps)_1TX	16.55M	17.923M	17M9D1D	16.5M	16.558M
802.11g_Nss1,(6Mbps)_2TX	16.575M	16.817M	16M8D1D	16.475M	16.6M
802.11g_Nss1,(6Mbps)_4TX	16.575M	18.117M	18M1D1D	16.35M	16.497M
802.11be EHT20_Nss1,(MCS0)_1TX	19.125M	19.18M	19M2D1D	18.65M	19.021M
802.11be EHT20_Nss1,(MCS0)_2TX	19.1M	19.36M	19M4D1D	18.65M	18.998M
802.11be EHT20_Nss1,(MCS0)_4TX	19.2M	19.403M	19M4D1D	18.875M	18.955M

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

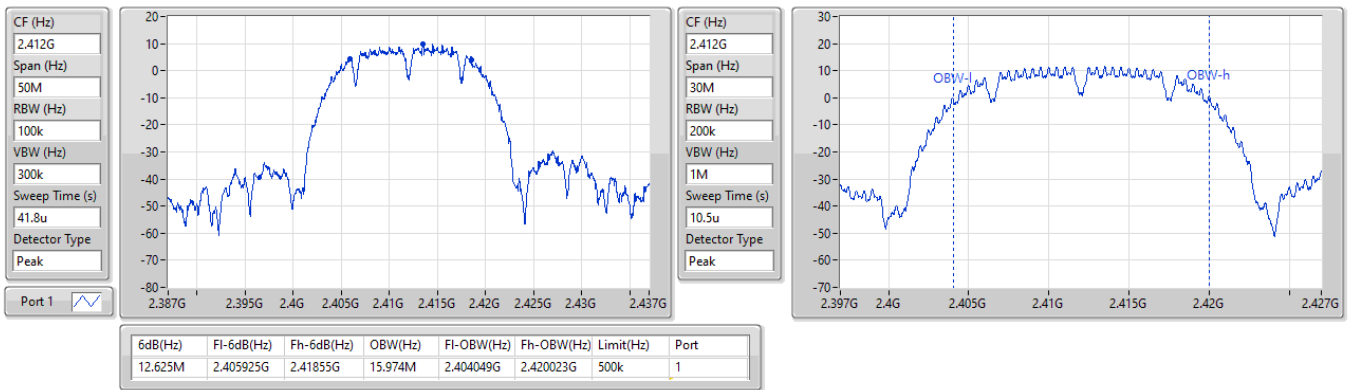
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	12.625M	15.974M						
2437MHz	Pass	500k	12.6M	16.491M						
2462MHz	Pass	500k	12.75M	15.997M						
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.55M	16.624M						
2437MHz	Pass	500k	16.5M	17.923M						
2462MHz	Pass	500k	16.5M	16.558M						
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	19.021M						
2437MHz	Pass	500k	19.125M	19.18M						
2462MHz	Pass	500k	18.65M	19.031M						
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.1M	15.991M	12.875M	15.993M				
2437MHz	Pass	500k	12.6M	16.17M	13.1M	16.037M				
2462MHz	Pass	500k	12.875M	16.012M	13.1M	16.018M				
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.525M	16.639M	16.475M	16.634M				
2437MHz	Pass	500k	16.525M	16.772M	16.525M	16.664M				
2462MHz	Pass	500k	16.575M	16.817M	16.55M	16.6M				
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	18.998M	19.1M	18.998M				
2437MHz	Pass	500k	19.075M	19.36M	19.1M	19.16M				
2462MHz	Pass	500k	18.65M	19.002M	19.075M	19.117M				
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	13.55M	15.977M	13.1M	15.981M	12.85M	15.938M	13.075M	16.039M
2437MHz	Pass	500k	12.875M	16.092M	12.825M	16.042M	13.1M	16.119M	13.025M	16.046M
2462MHz	Pass	500k	13.1M	16.011M	12.8M	16.024M	13.1M	16.033M	13.1M	16.039M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.425M	16.836M	16.475M	16.599M	16.425M	16.563M	16.525M	16.726M
2437MHz	Pass	500k	16.575M	17.494M	16.35M	17.232M	16.55M	17.75M	16.575M	18.117M
2462MHz	Pass	500k	16.5M	16.693M	16.525M	16.497M	16.525M	16.683M	16.45M	16.64M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	19.032M	19.05M	18.992M	19.05M	18.978M	19.125M	19.164M
2437MHz	Pass	500k	19.175M	19.128M	18.875M	19.092M	19.1M	19.208M	19.075M	19.403M
2462MHz	Pass	500k	19.2M	18.955M	19.05M	19.119M	19.15M	19.027M	19.15M	19.109M

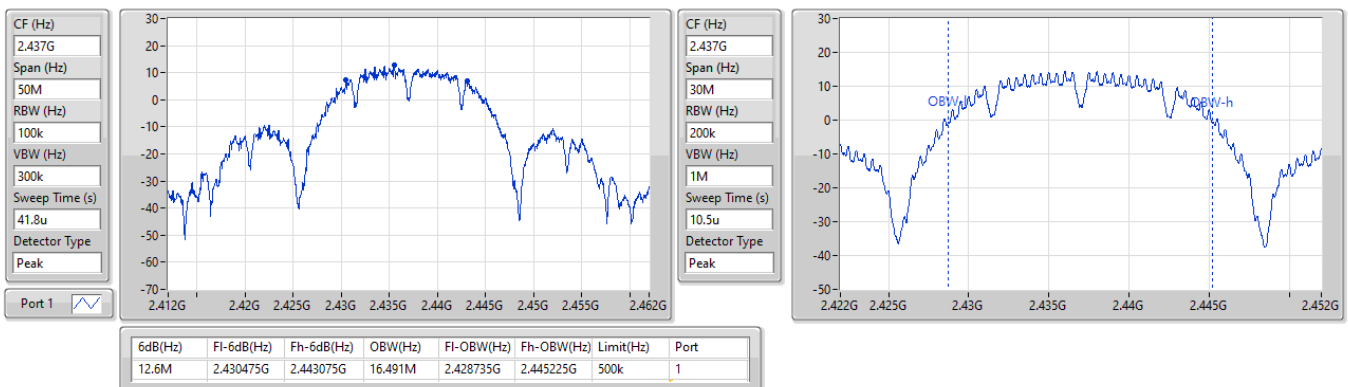
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

22/03/2024

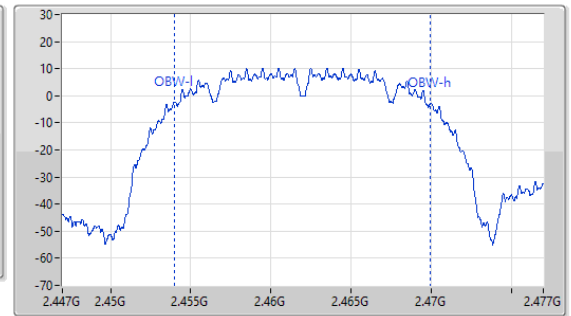
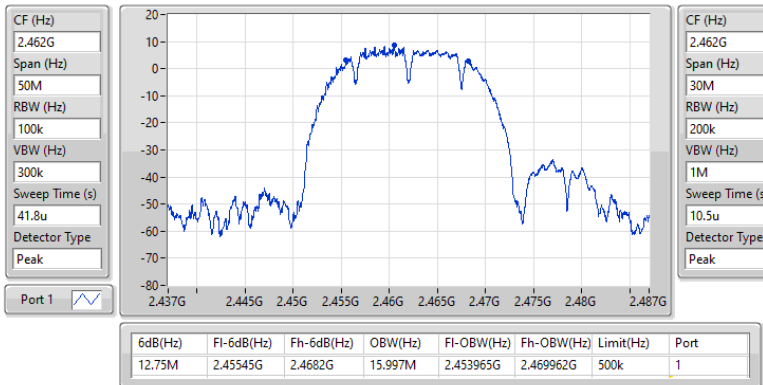

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EBW
2437MHz

22/03/2024

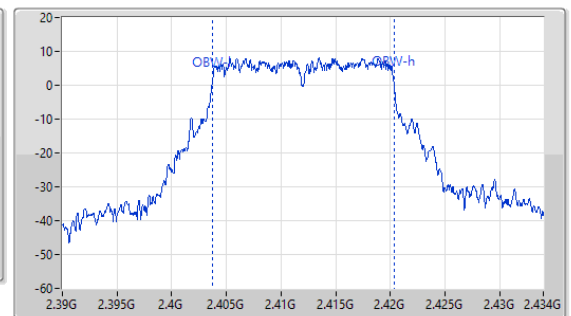
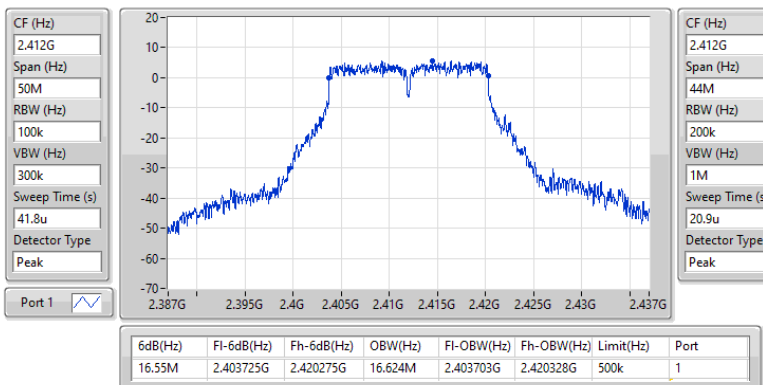


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EBW
2462MHz

22/03/2024

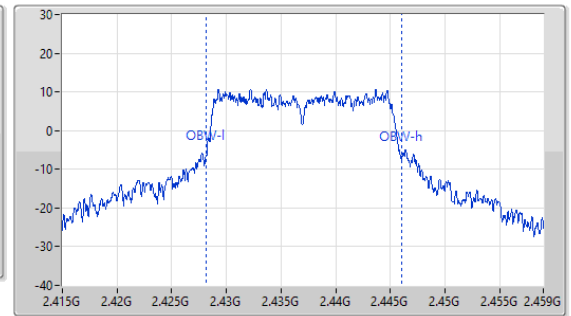
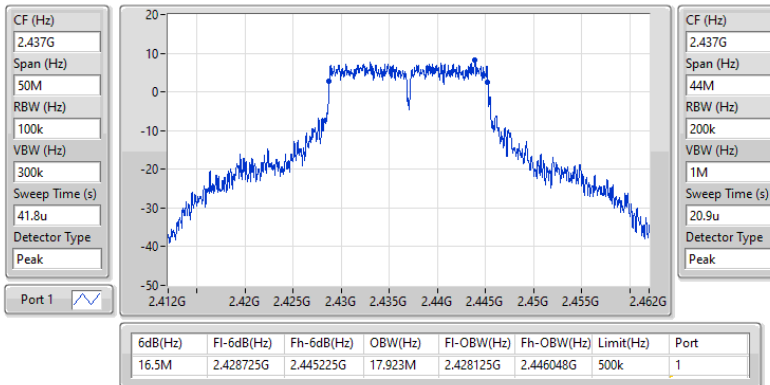

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

22/03/2024

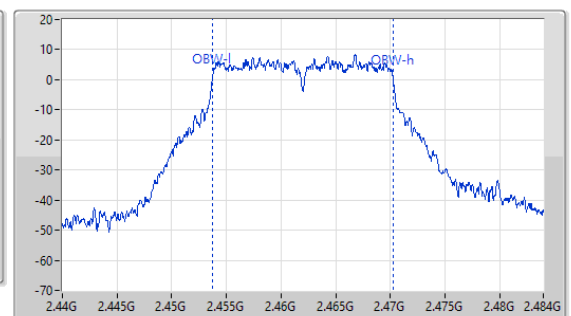
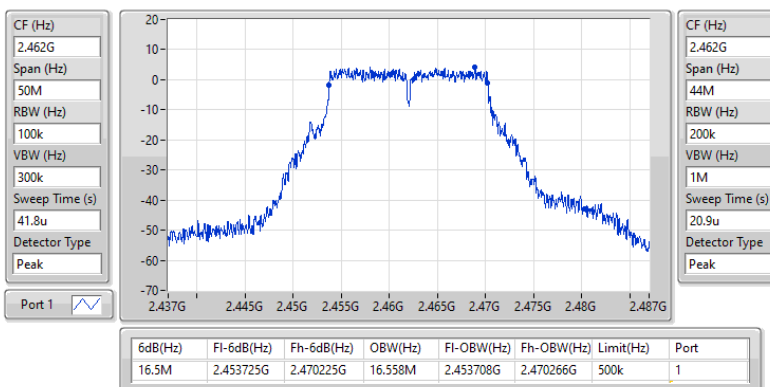


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

22/03/2024

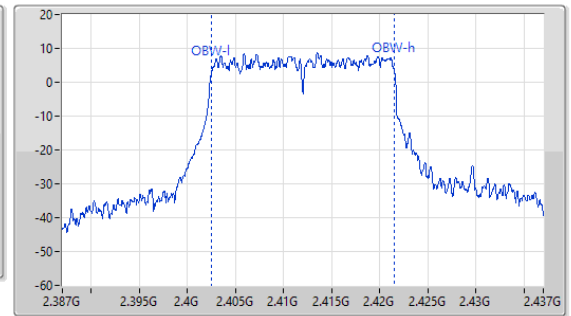
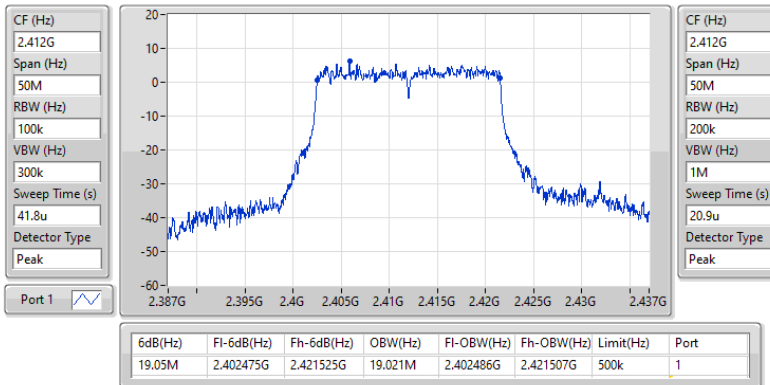

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

22/03/2024

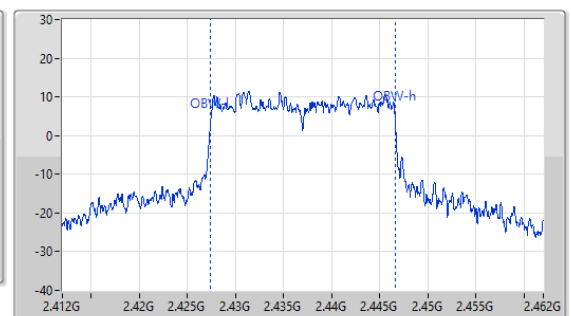
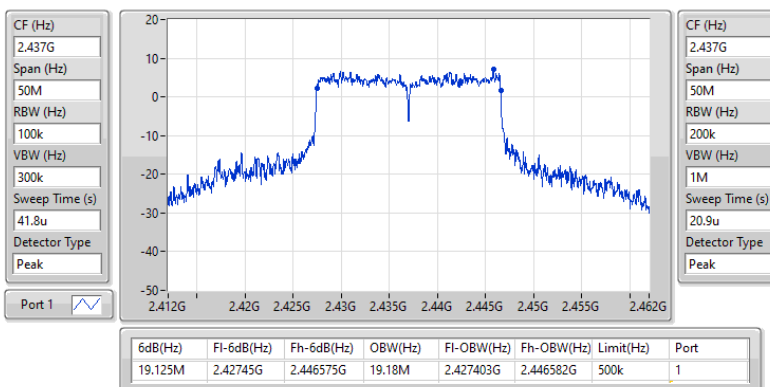


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2412MHz

22/03/2024

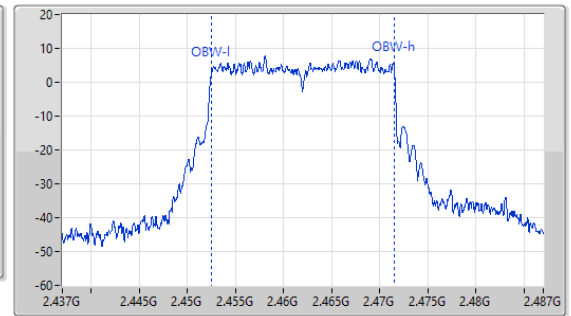
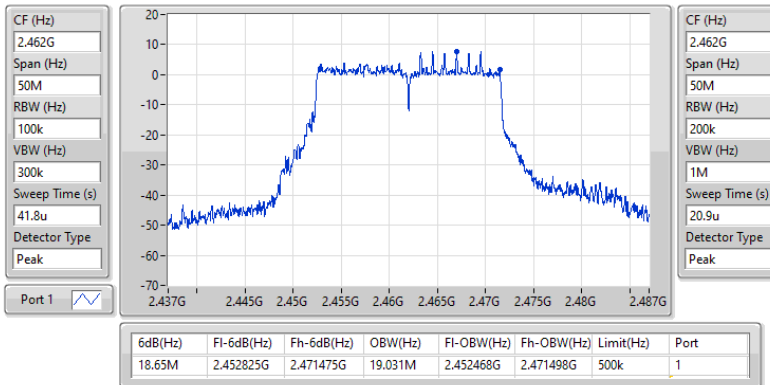

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2437MHz

22/03/2024

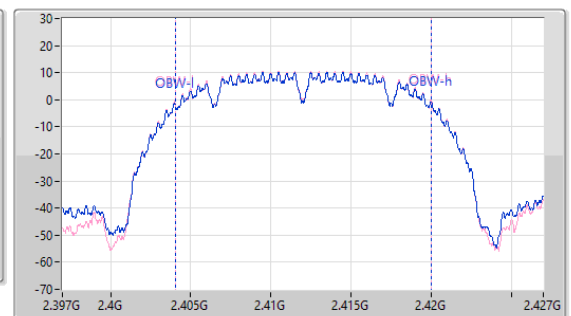
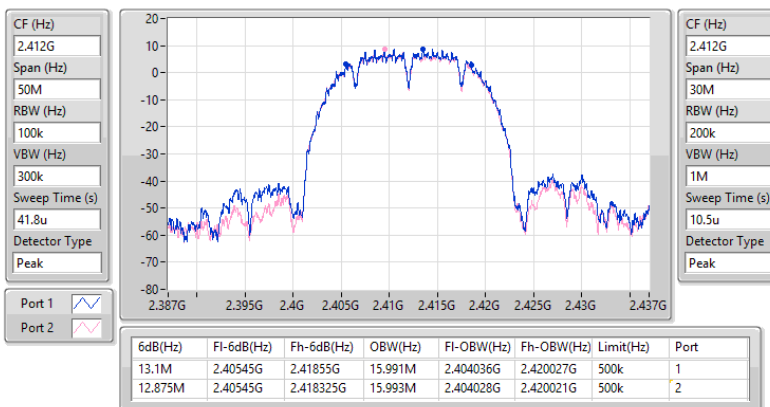


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
2462MHz

22/03/2024

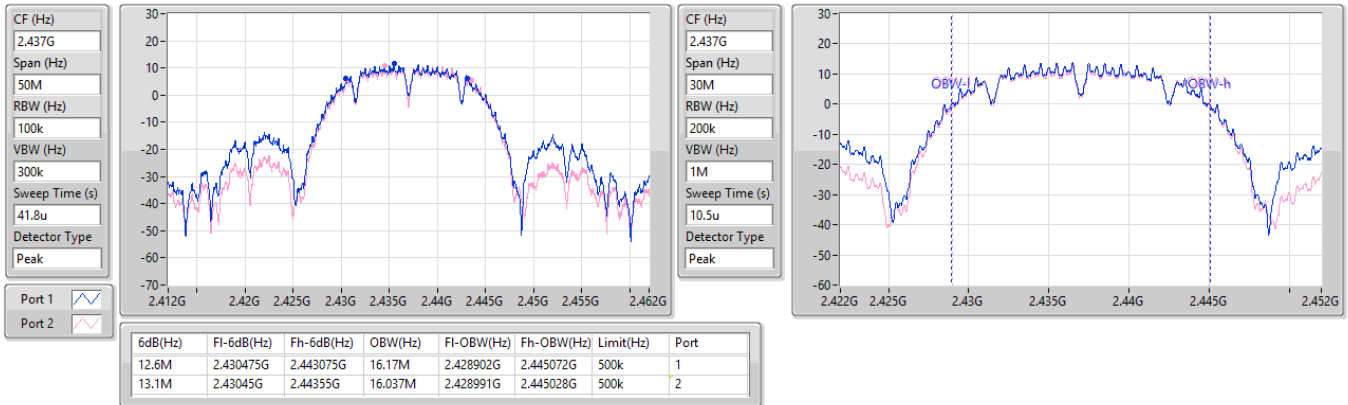

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

16/04/2024

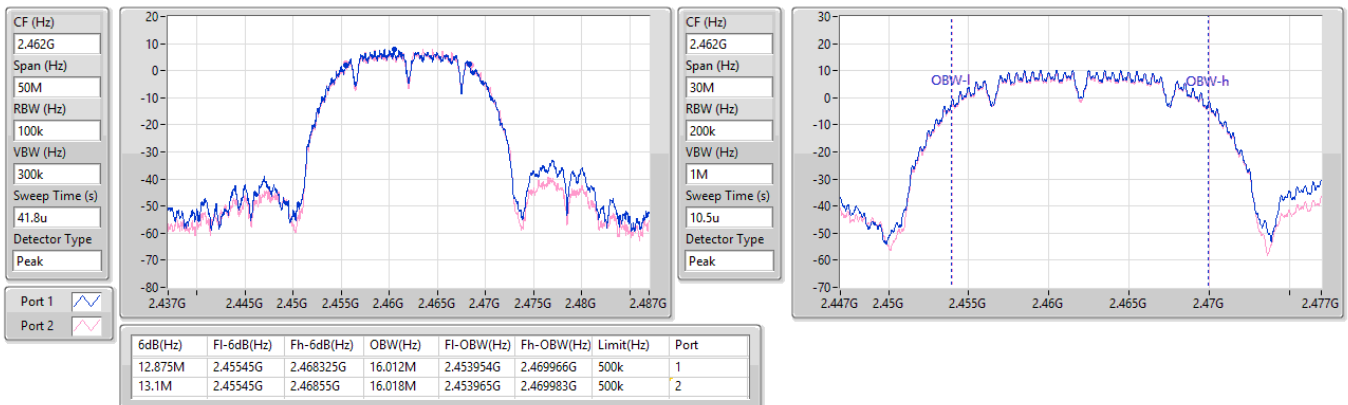


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

16/04/2024

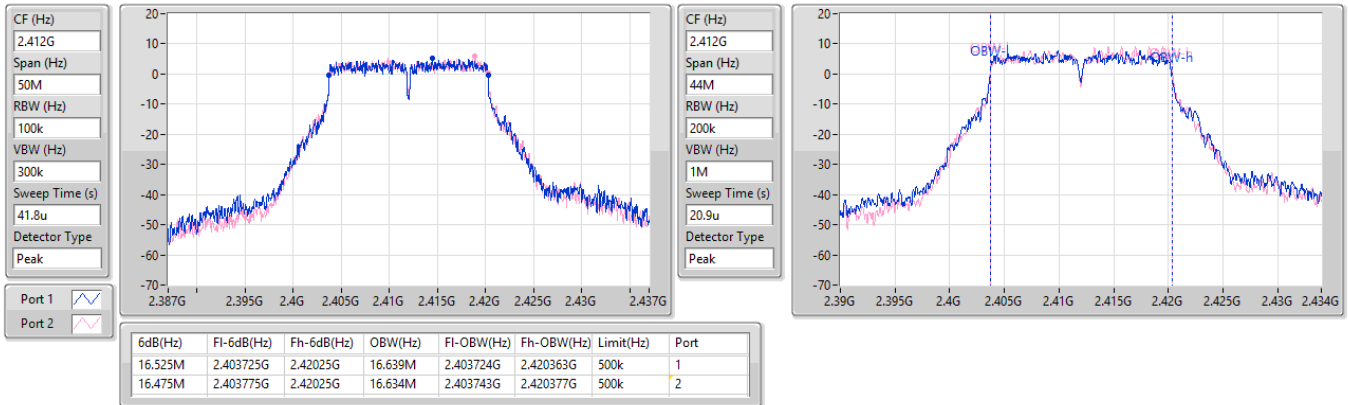

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

16/04/2024

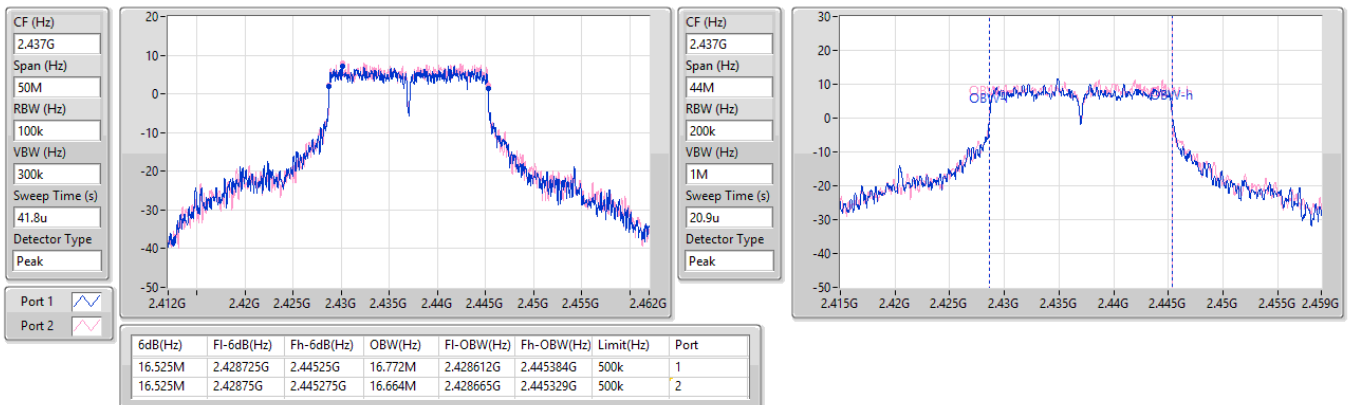


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

16/04/2024


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

16/04/2024

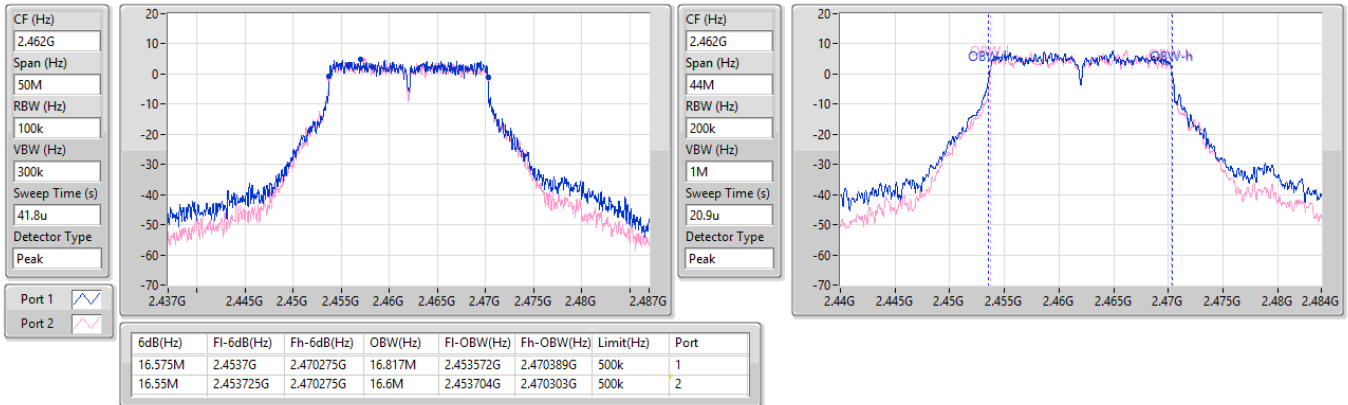


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

16/04/2024

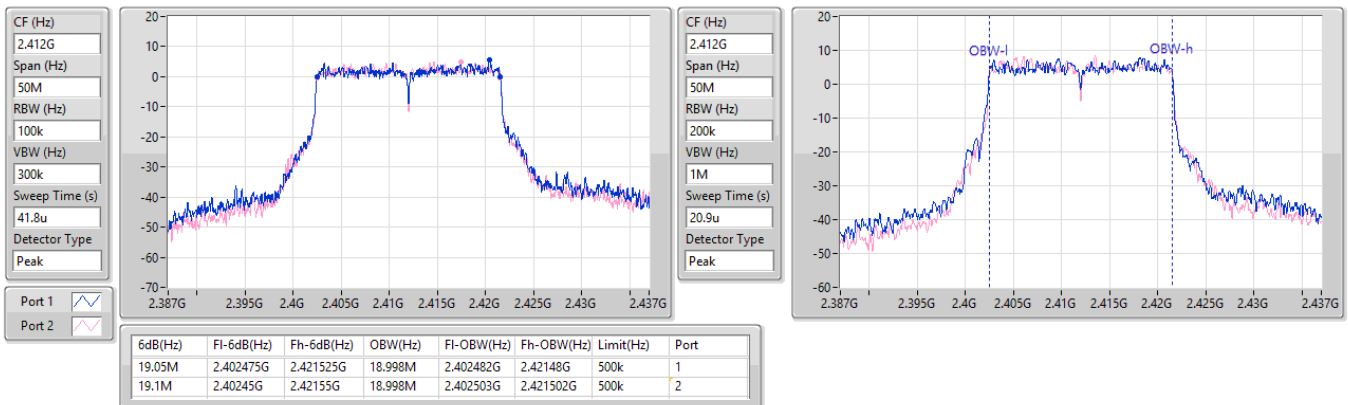


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

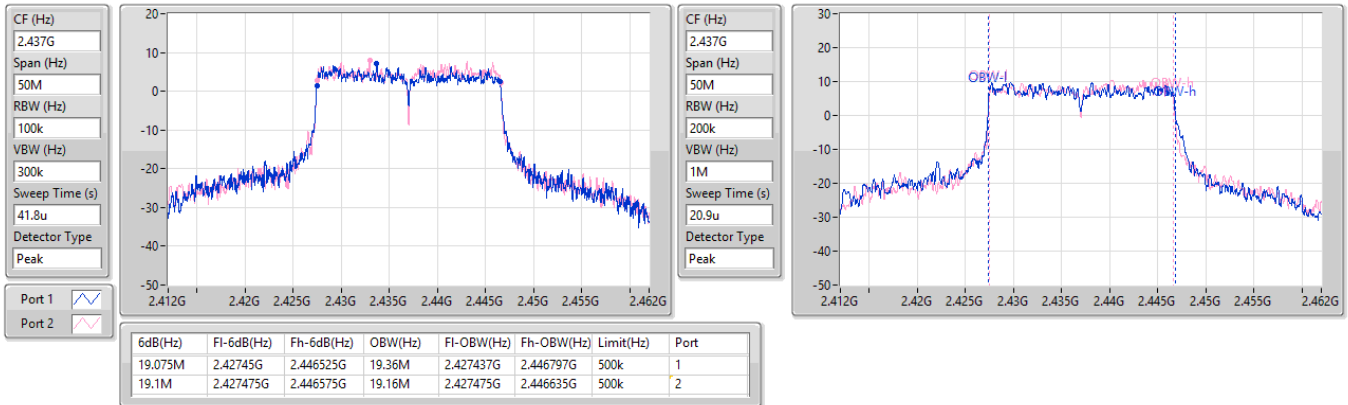
2412MHz

16/04/2024

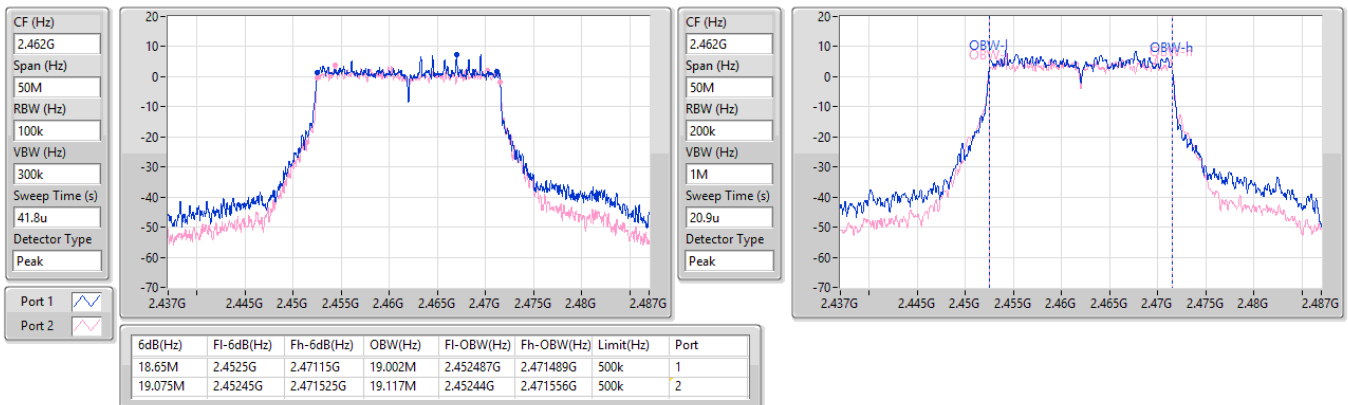


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
2437MHz

16/04/2024


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
2462MHz

16/04/2024

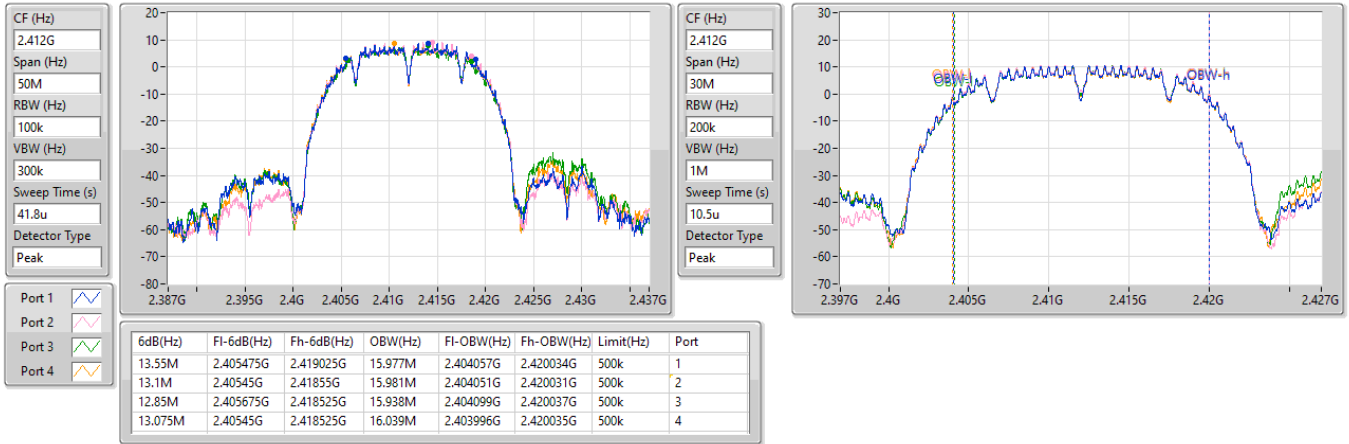


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

22/03/2024

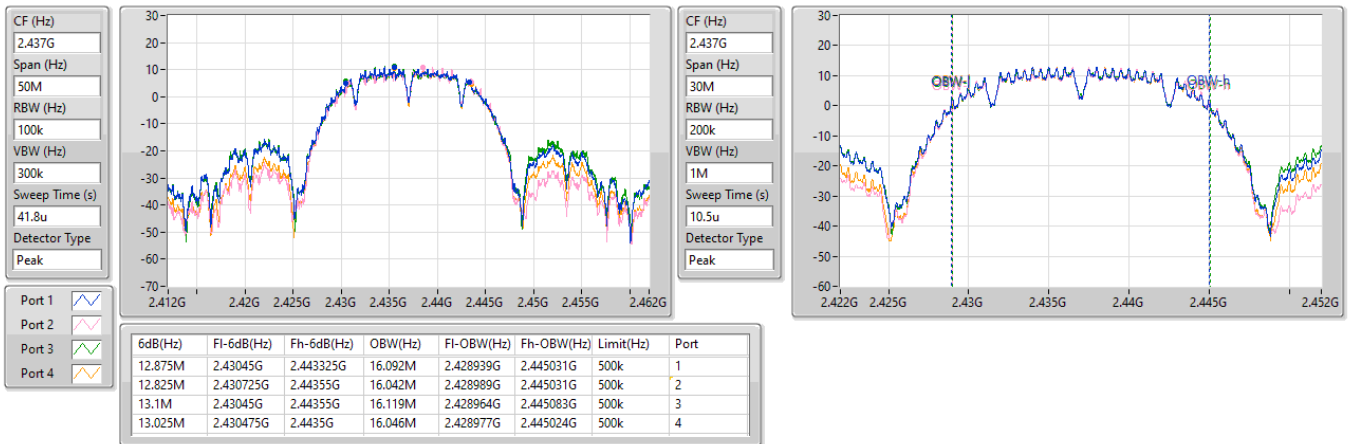


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

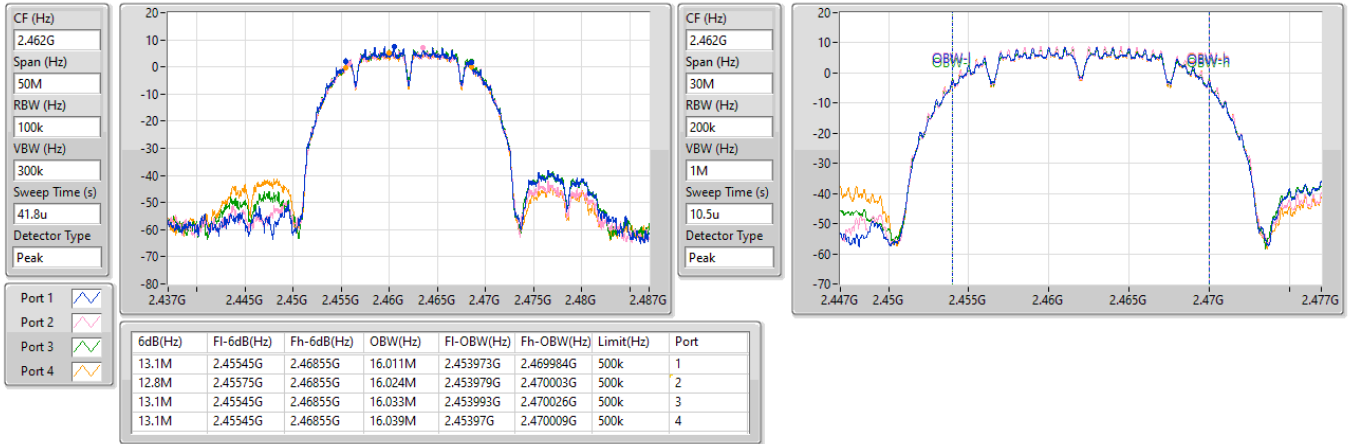
2437MHz

22/03/2024

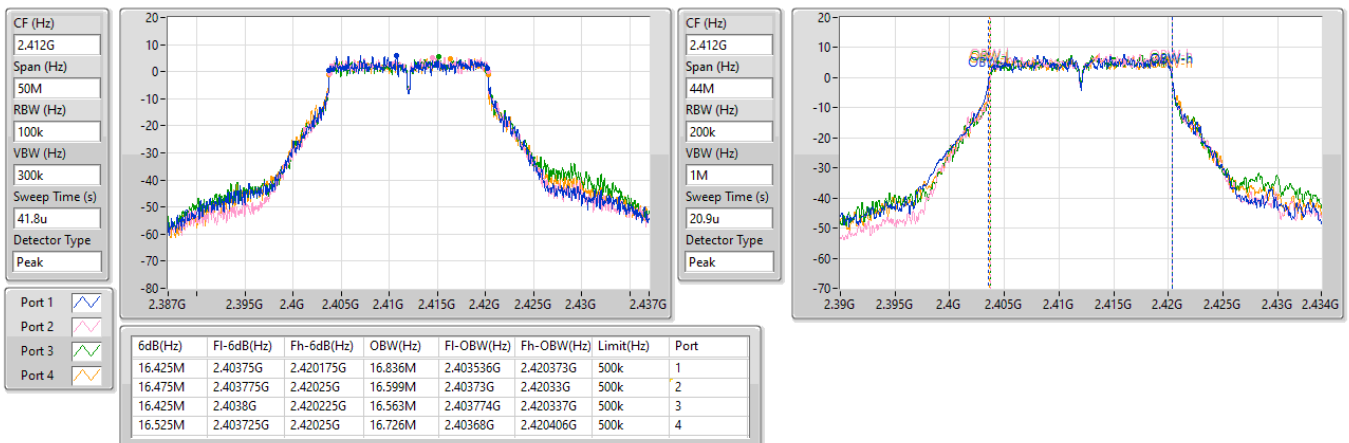


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX
EBW
2462MHz

22/03/2024

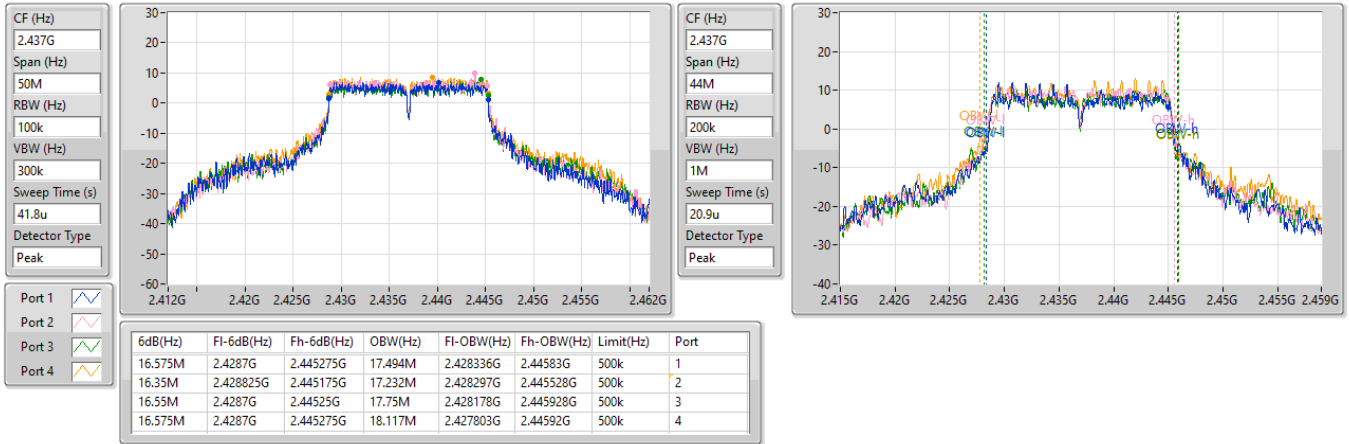

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX
EBW
2412MHz

22/03/2024

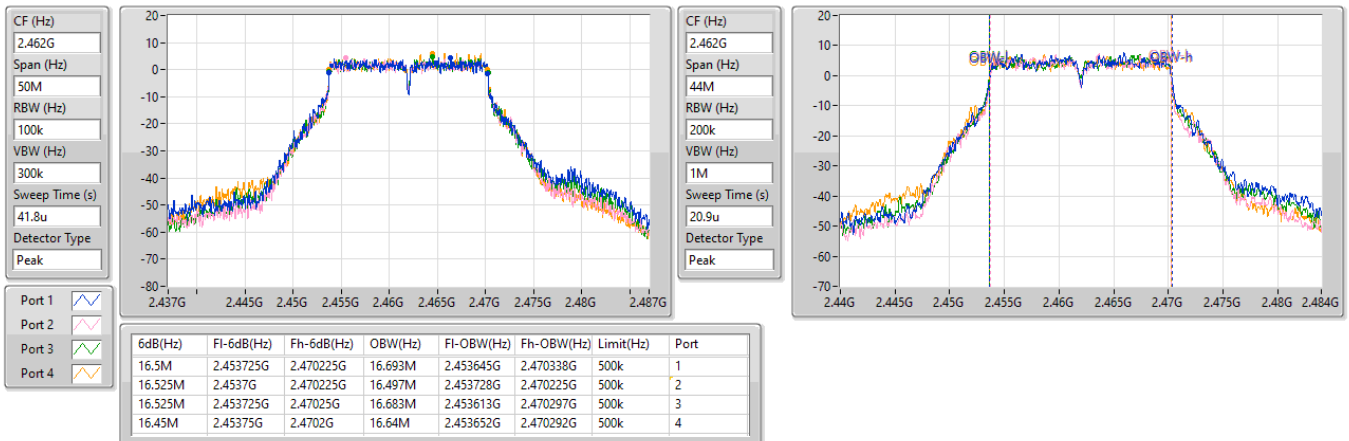


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX
EBW
2437MHz

22/03/2024


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX
EBW
2462MHz

22/03/2024

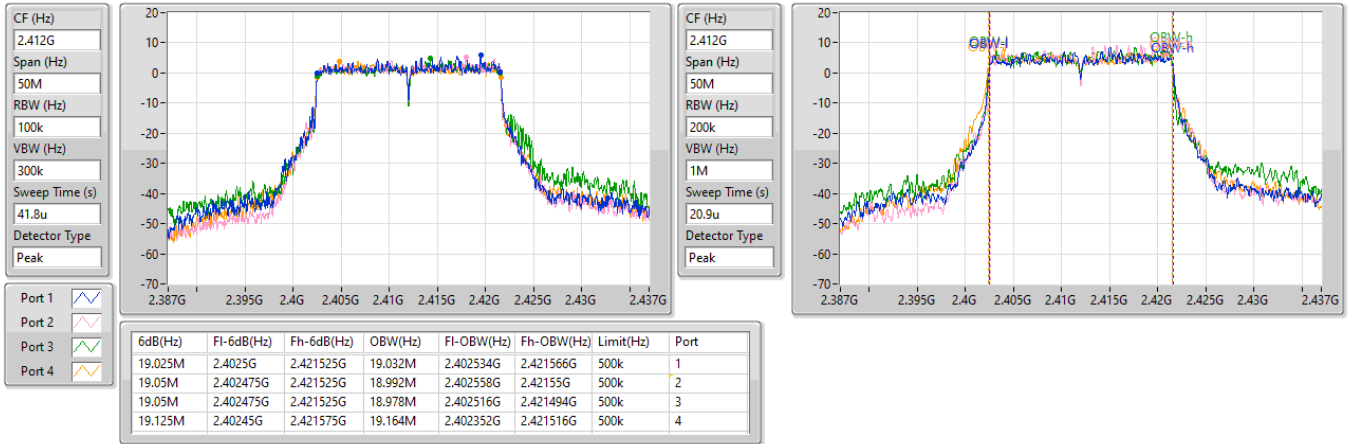


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

22/03/2024

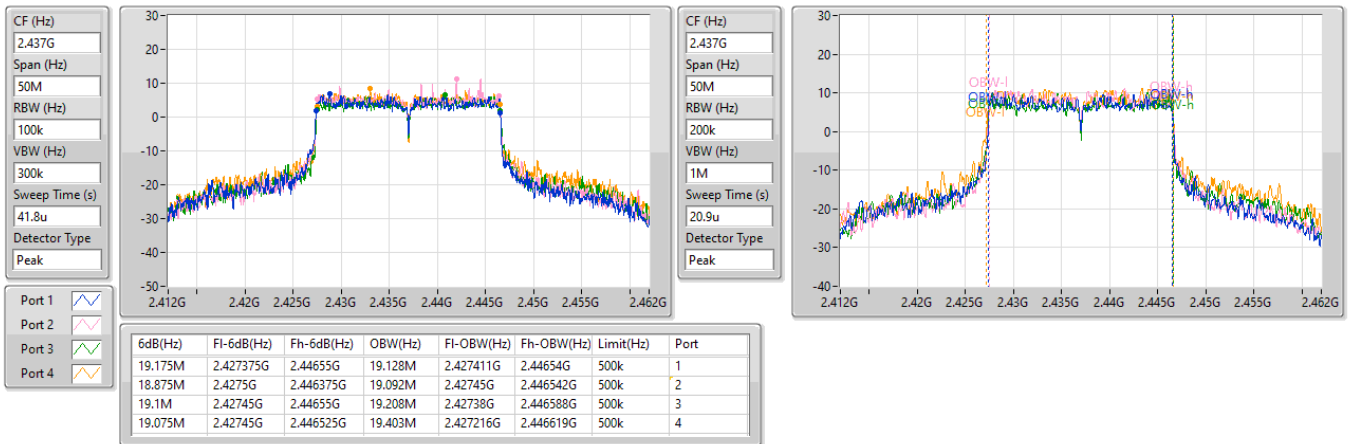


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

22/03/2024

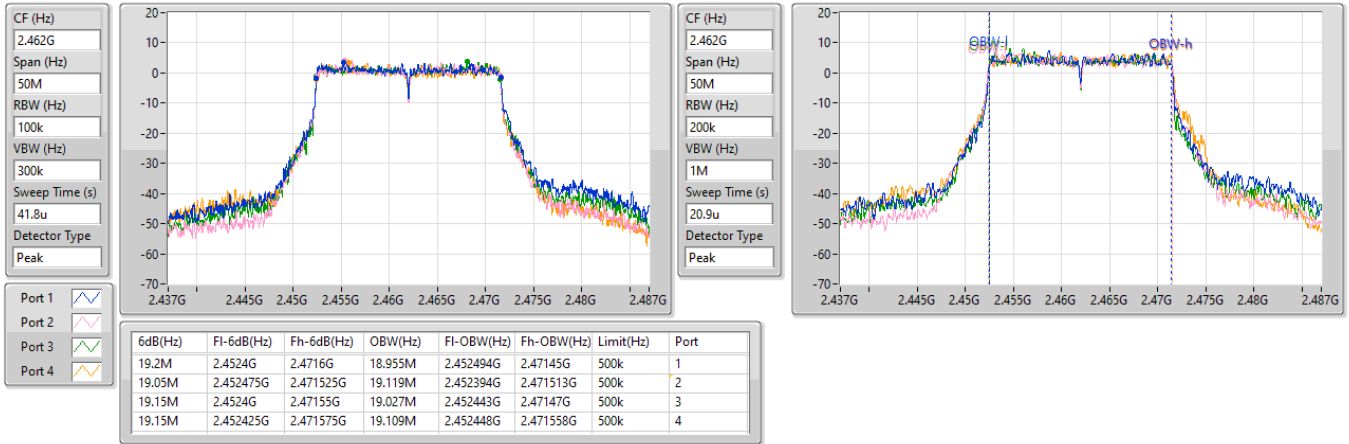


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

22/03/2024



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)_1TX	10.1M	16.492M	16M5G1D	8.025M	13.253M
802.11g_Nss1,(6Mbps)_1TX	16.375M	21.637M	21M6D1D	16.35M	16.36M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.125M	19.665M	19M7D1D	18.95M	18.891M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.075M	14.843M
2437MHz	Pass	500k	10.1M	16.492M
2462MHz	Pass	500k	8.025M	13.253M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.375M	16.382M
2437MHz	Pass	500k	16.35M	21.637M
2462MHz	Pass	500k	16.375M	16.36M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.95M	18.891M
2437MHz	Pass	500k	19.125M	19.665M
2462MHz	Pass	500k	19M	18.966M

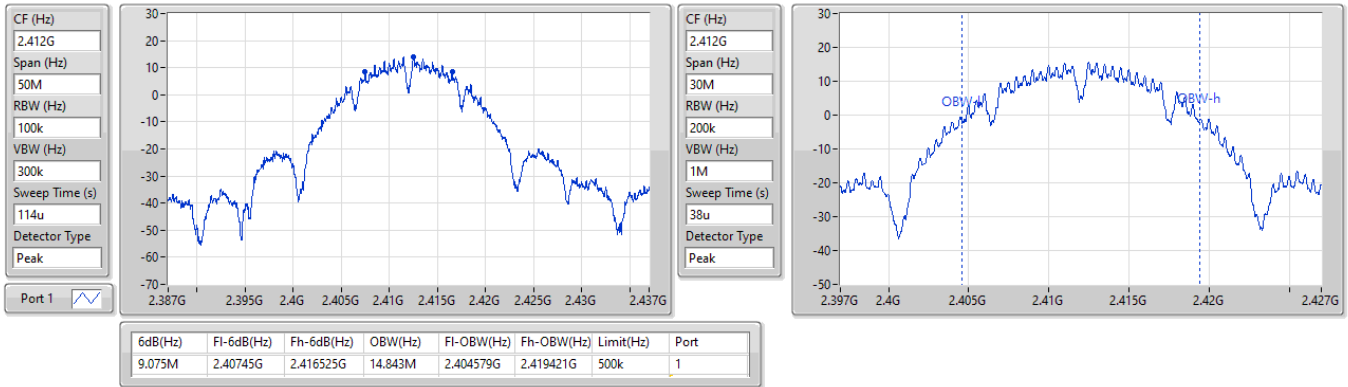
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

04/03/2024

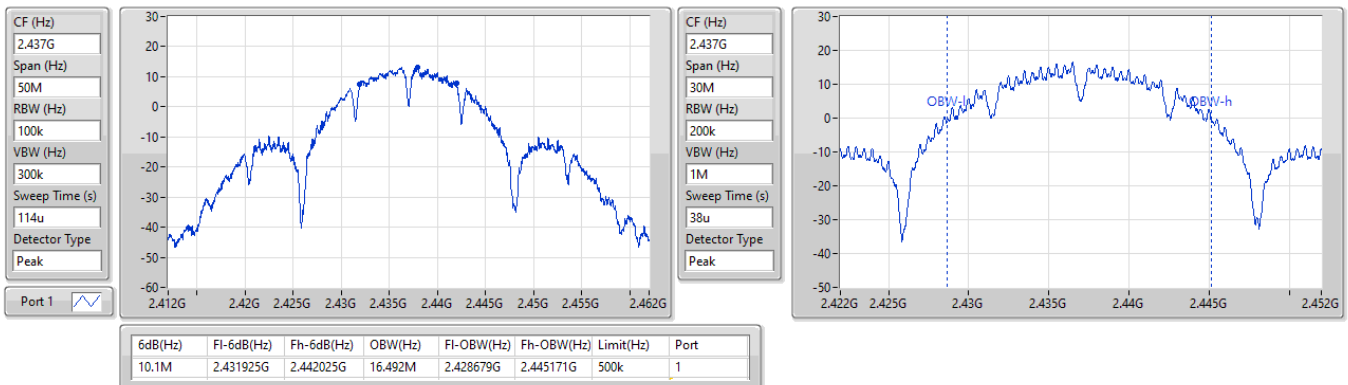


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

04/03/2024

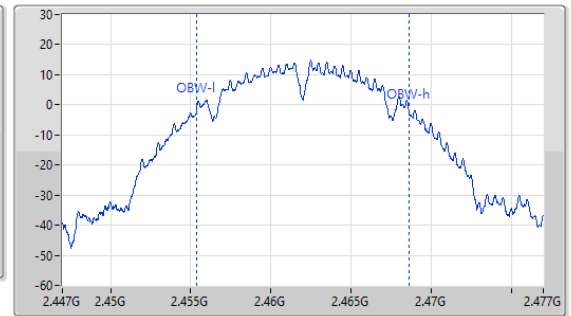
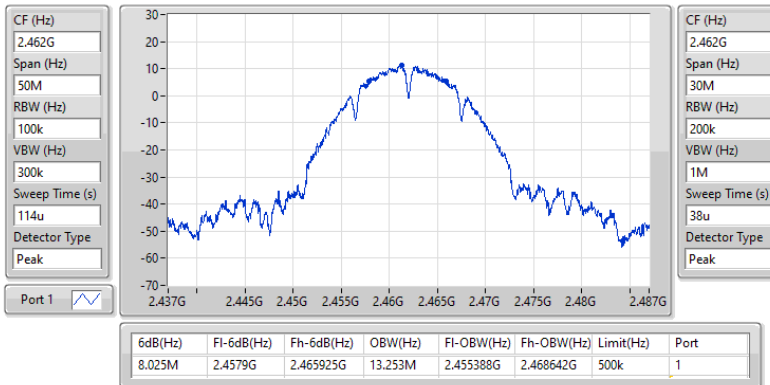


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

04/03/2024

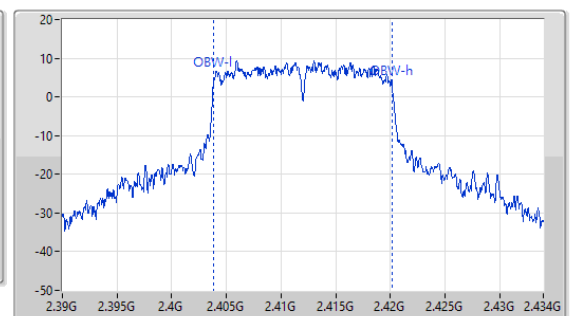
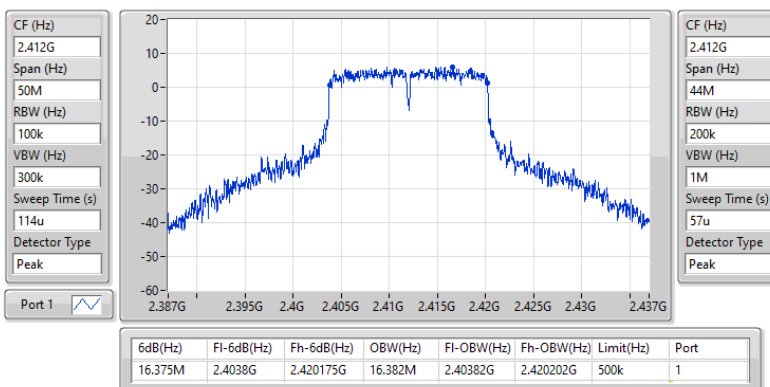


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

04/03/2024

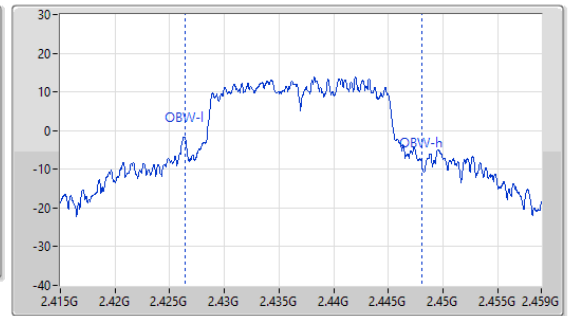
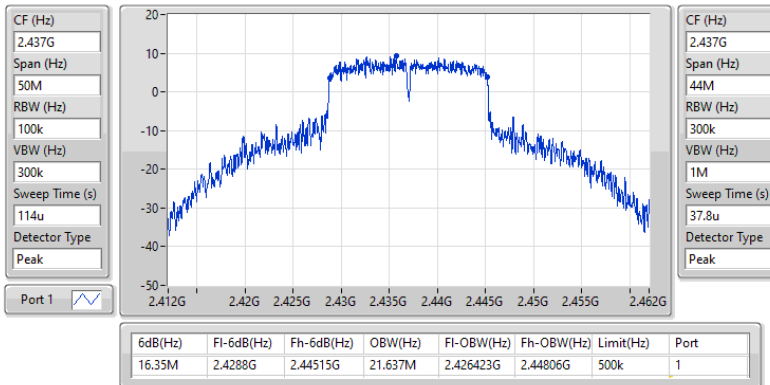


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

04/03/2024

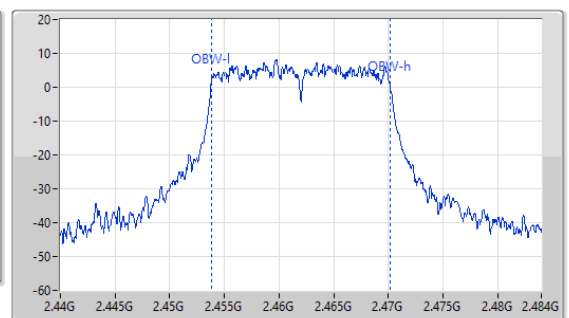
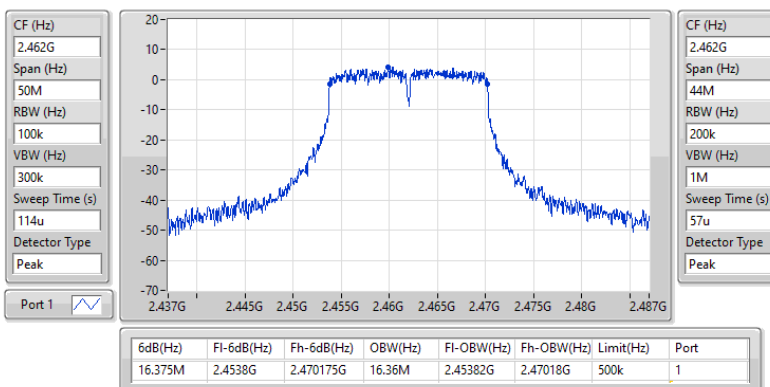


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

04/03/2024

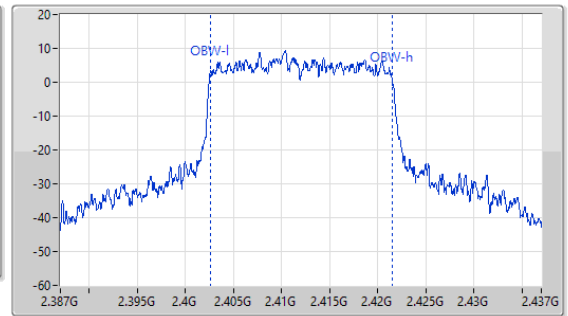
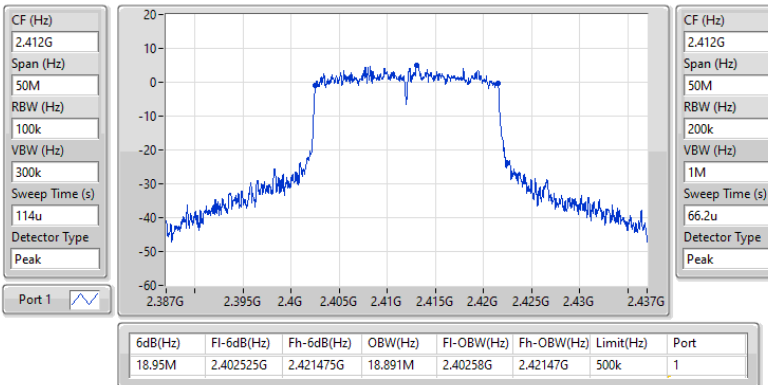


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2412MHz

04/03/2024

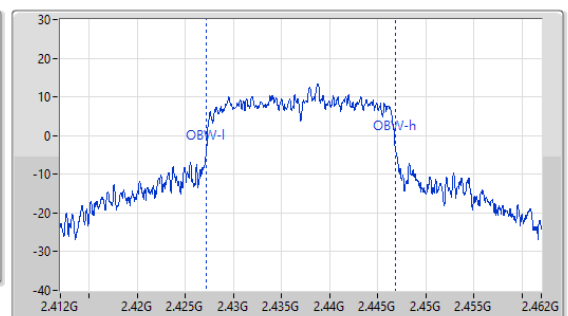
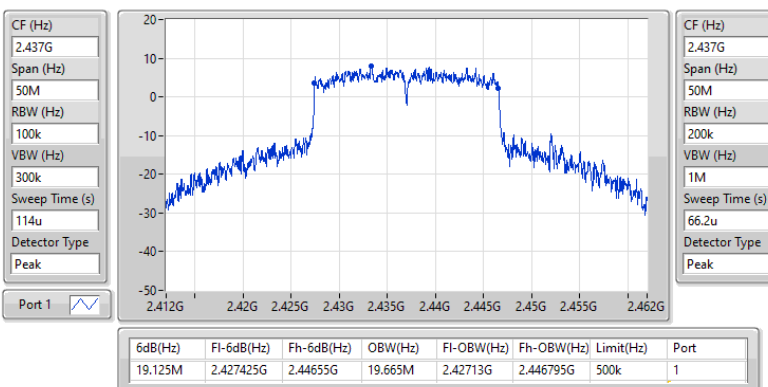


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2437MHz

04/03/2024

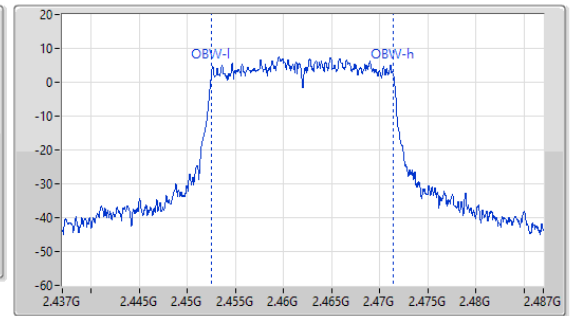
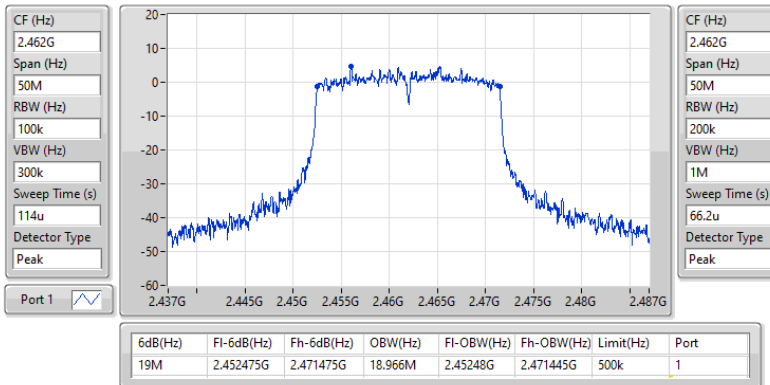


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2462MHz

04/03/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.85	0.15311
802.11b_Nss1,(1Mbps)_2TX	24.46	0.27925
802.11b_Nss1,(1Mbps)_4TX	27.53	0.56624
802.11g_Nss1,(6Mbps)_1TX	21.87	0.15382
802.11g_Nss1,(6Mbps)_2TX	24.38	0.27416
802.11g_Nss1,(6Mbps)_4TX	27.14	0.51761
802.11be EHT20_Nss1,(MCS0)_1TX	21.88	0.15417
802.11be EHT20_Nss1,(MCS0)_2TX	24.09	0.25645
802.11be EHT20_Nss1,(MCS0)_4TX	27.07	0.50933
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.09	0.25645
802.11be EHT20-BF_Nss1,(MCS0)_4TX	27.07	0.50933



Average Power_Radio 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	21.82				21.82	30.00
2417MHz	Pass	2.85	21.78				21.78	30.00
2437MHz	Pass	2.85	21.85				21.85	30.00
2457MHz	Pass	2.85	21.21				21.21	30.00
2462MHz	Pass	2.85	20.46				20.46	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	20.09				20.09	30.00
2417MHz	Pass	2.85	21.51				21.51	30.00
2437MHz	Pass	2.85	21.87				21.87	30.00
2457MHz	Pass	2.85	20.58				20.58	30.00
2462MHz	Pass	2.85	18.73				18.73	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	20.21				20.21	30.00
2417MHz	Pass	2.85	21.32				21.32	30.00
2437MHz	Pass	2.85	21.88				21.88	30.00
2457MHz	Pass	2.85	19.76				19.76	30.00
2462MHz	Pass	2.85	18.84				18.84	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	20.95	21.06			24.02	30.00
2437MHz	Pass	3.85	21.74	21.13			24.46	30.00
2457MHz	Pass	3.85	20.84	20.51			23.69	30.00
2462MHz	Pass	3.85	20.67	20.05			23.38	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	19.75	19.79			22.78	30.00
2417MHz	Pass	3.85	20.43	20.34			23.40	30.00
2437MHz	Pass	3.85	21.04	21.68			24.38	30.00
2457MHz	Pass	3.85	19.84	19.47			22.67	30.00
2462MHz	Pass	3.85	19.38	18.86			22.14	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	19.80	19.96			22.89	30.00
2417MHz	Pass	3.85	20.47	20.39			23.44	30.00
2437MHz	Pass	3.85	20.34	21.71			24.09	30.00
2457MHz	Pass	3.85	20.33	20.00			23.18	30.00
2462MHz	Pass	3.85	19.07	18.37			21.74	30.00
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	20.73	21.21	20.89	20.63	26.89	30.00
2417MHz	Pass	3.85	20.92	21.09	21.03	20.56	26.93	30.00
2437MHz	Pass	3.85	21.63	21.24	21.68	21.47	27.53	30.00
2457MHz	Pass	3.85	19.10	19.13	19.52	19.01	25.22	30.00
2462MHz	Pass	3.85	19.42	19.13	19.34	19.05	25.26	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	19.10	19.37	19.13	19.06	25.19	30.00
2417MHz	Pass	3.85	20.23	20.39	20.26	20.05	26.25	30.00
2437MHz	Pass	3.85	20.38	21.41	20.81	21.74	27.14	30.00
2457MHz	Pass	3.85	20.61	20.55	20.87	20.37	26.62	30.00
2462MHz	Pass	3.85	18.76	18.55	18.76	18.51	24.67	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.85	19.12	19.49	19.29	19.08	25.27	30.00
2417MHz	Pass	3.85	20.41	20.61	20.34	20.17	26.41	30.00
2437MHz	Pass	3.85	20.38	21.57	20.16	21.84	27.07	30.00
2457MHz	Pass	3.85	19.68	19.67	20.07	19.53	25.76	30.00
2462MHz	Pass	3.85	18.92	18.57	18.84	18.58	24.75	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.47	19.80	19.96			22.89	30.00



Average Power_Radio 1

Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
2417MHz	Pass	4.47	20.47	20.39			23.44	30.00
2437MHz	Pass	4.47	20.34	21.71			24.09	30.00
2457MHz	Pass	4.47	20.33	20.00			23.18	30.00
2462MHz	Pass	4.47	19.07	18.37			21.74	30.00
802.11be EHT20-BF_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.01	19.12	19.49	19.29	19.08	25.27	28.99
2417MHz	Pass	7.01	20.41	20.61	20.34	20.17	26.41	28.99
2437MHz	Pass	7.01	20.38	21.57	20.16	21.84	27.07	28.99
2457MHz	Pass	7.01	19.68	19.67	20.07	19.53	25.76	28.99
2462MHz	Pass	7.01	18.92	18.57	18.84	18.58	24.75	28.99

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



Average Power_Scanning Radio 5

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	24.02	0.25235
802.11g_Nss1,(6Mbps)_1TX	23.54	0.22594
802.11ax HEW20_Nss1,(MCS0)_1TX	23.27	0.21232

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	24.02	24.02	30.00
2437MHz	Pass	2.17	23.88	23.88	30.00
2462MHz	Pass	2.17	22.78	22.78	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	20.98	20.98	30.00
2437MHz	Pass	2.17	23.54	23.54	30.00
2457MHz	Pass	2.17	20.21	20.21	30.00
2462MHz	Pass	2.17	18.69	18.69	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	19.43	19.43	30.00
2417MHz	Pass	2.17	22.05	22.05	30.00
2437MHz	Pass	2.17	23.27	23.27	30.00
2457MHz	Pass	2.17	20.06	20.06	30.00
2462MHz	Pass	2.17	19.16	19.16	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.03
802.11b_Nss1,(1Mbps)_2TX	-4.23
802.11b_Nss1,(1Mbps)_4TX	-0.72
802.11g_Nss1,(6Mbps)_1TX	-5.78
802.11g_Nss1,(6Mbps)_2TX	-4.51
802.11g_Nss1,(6Mbps)_4TX	0.03
802.11be EHT20_Nss1,(MCS0)_1TX	-5.76
802.11be EHT20_Nss1,(MCS0)_2TX	-5.14
802.11be EHT20_Nss1,(MCS0)_4TX	0.33

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	-6.17				-6.17	8.00
2437MHz	Pass	2.85	-6.03				-6.03	8.00
2462MHz	Pass	2.85	-6.24				-6.24	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	-6.73				-6.73	8.00
2437MHz	Pass	2.85	-5.78				-5.78	8.00
2462MHz	Pass	2.85	-7.20				-7.20	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.85	-6.46				-6.46	8.00
2437MHz	Pass	2.85	-5.76				-5.76	8.00
2462MHz	Pass	2.85	-7.22				-7.22	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.47	-9.03	-7.25			-5.22	8.00
2437MHz	Pass	4.47	-6.96	-7.35			-4.23	8.00
2462MHz	Pass	4.47	-9.89	-8.22			-6.02	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.47	-8.59	-9.31			-6.39	8.00
2437MHz	Pass	4.47	-6.70	-5.22			-4.51	8.00
2462MHz	Pass	4.47	-8.38	-10.19			-6.85	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.47	-8.73	-8.32			-6.21	8.00
2437MHz	Pass	4.47	-7.06	-7.47			-5.14	8.00
2462MHz	Pass	4.47	-9.07	-9.64			-7.56	8.00
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.01	-8.35	-6.66	-6.35	-6.87	-1.69	6.99
2437MHz	Pass	7.01	-7.44	-5.78	-6.03	-5.51	-0.72	6.99
2462MHz	Pass	7.01	-8.14	-10.77	-10.98	-7.71	-3.83	6.99
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.01	-7.23	-7.37	-7.14	-6.87	-2.12	6.99
2437MHz	Pass	7.01	-4.90	-5.08	-5.01	-4.60	0.03	6.99
2462MHz	Pass	7.01	-7.72	-8.77	-8.26	-8.06	-3.49	6.99
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.01	-7.31	-7.35	-6.99	-7.42	-2.21	6.99
2437MHz	Pass	7.01	-4.24	-3.62	-4.30	-4.20	0.33	6.99
2462MHz	Pass	7.01	-7.50	-8.28	-7.71	-8.00	-3.32	6.99

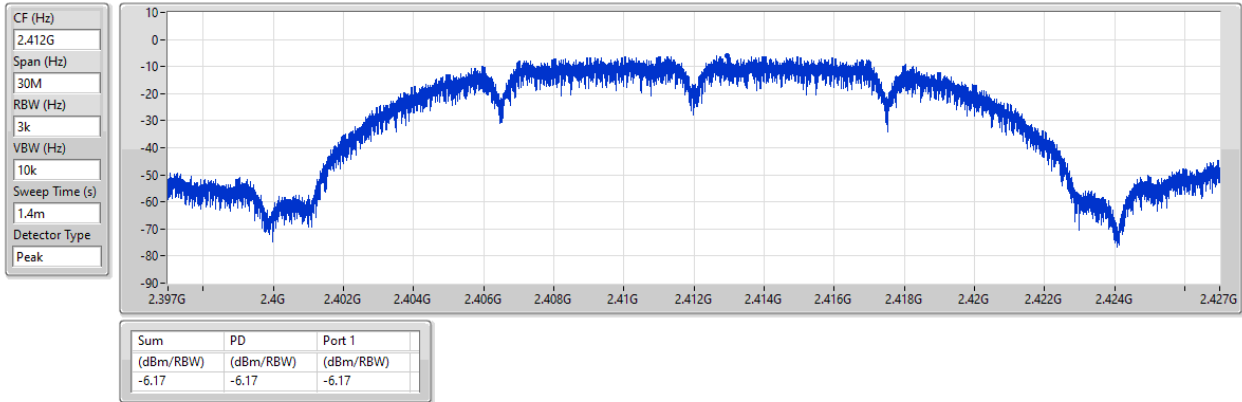
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

22/03/2024

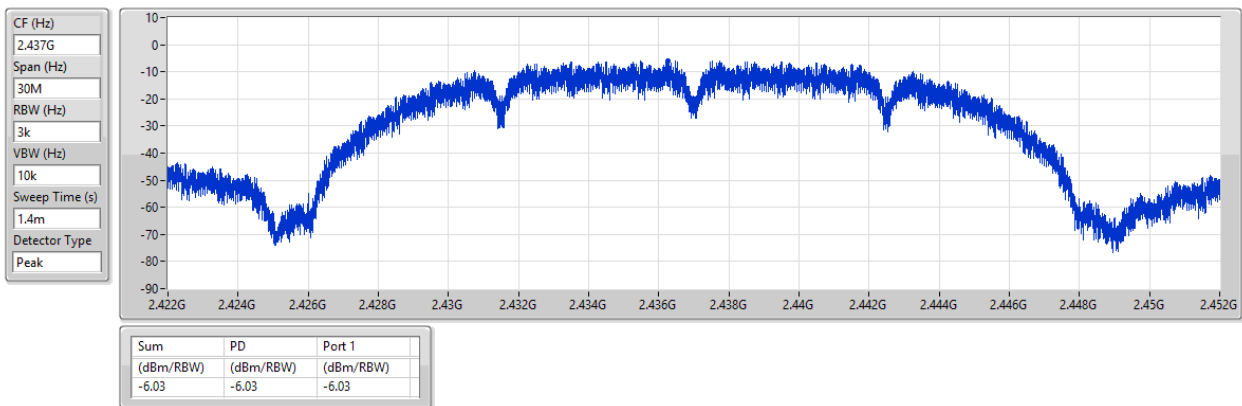


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

13/05/2024

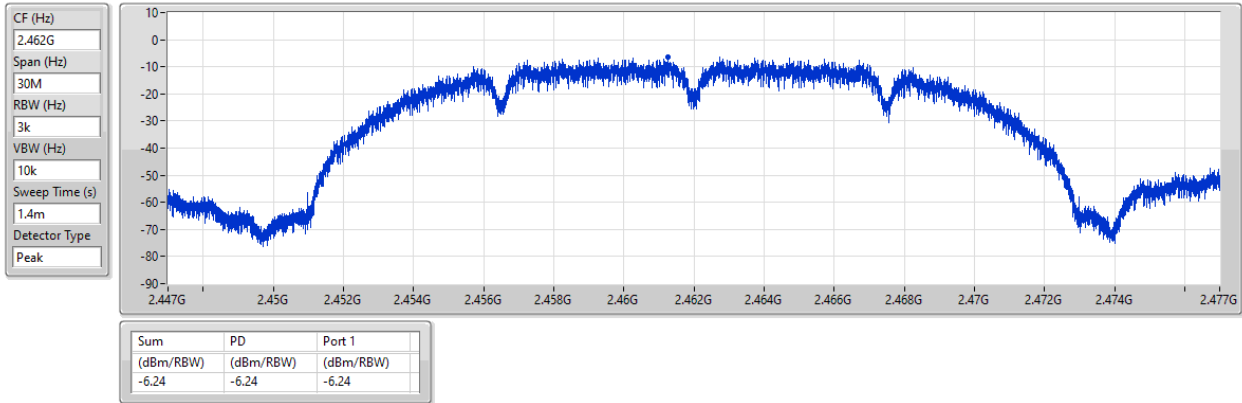


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

22/03/2024

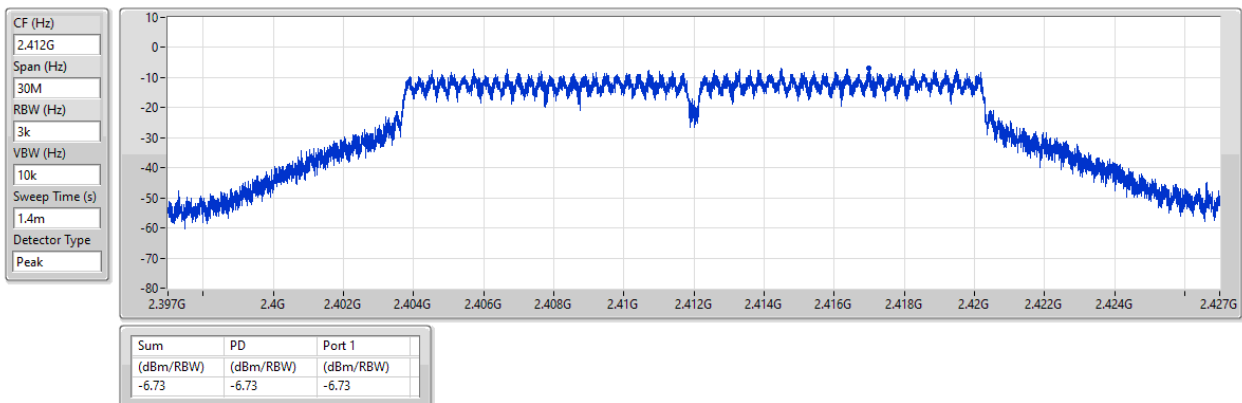


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

22/03/2024

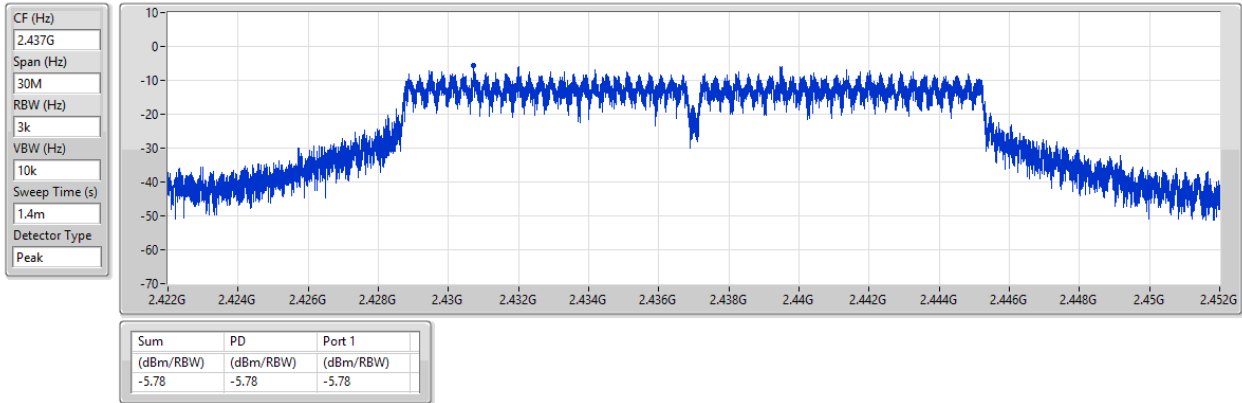


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

13/05/2024

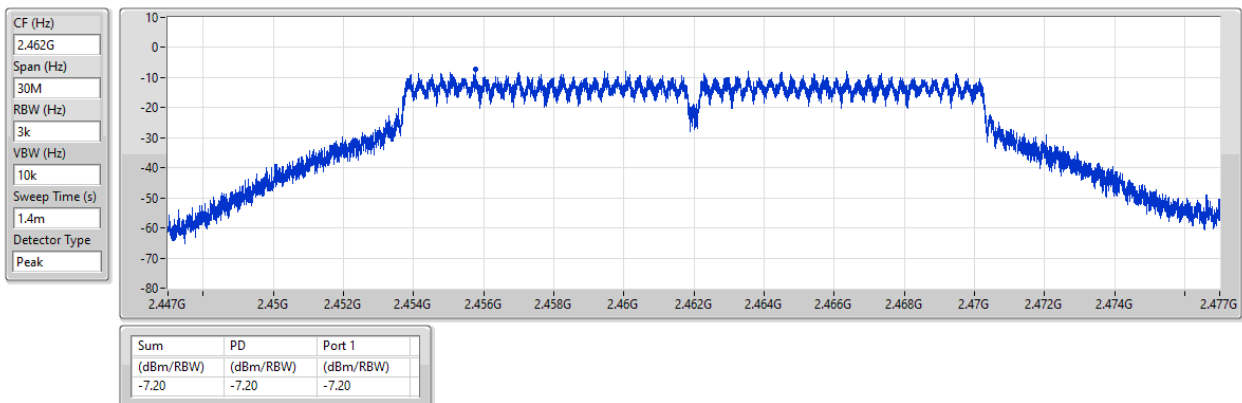


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

22/03/2024

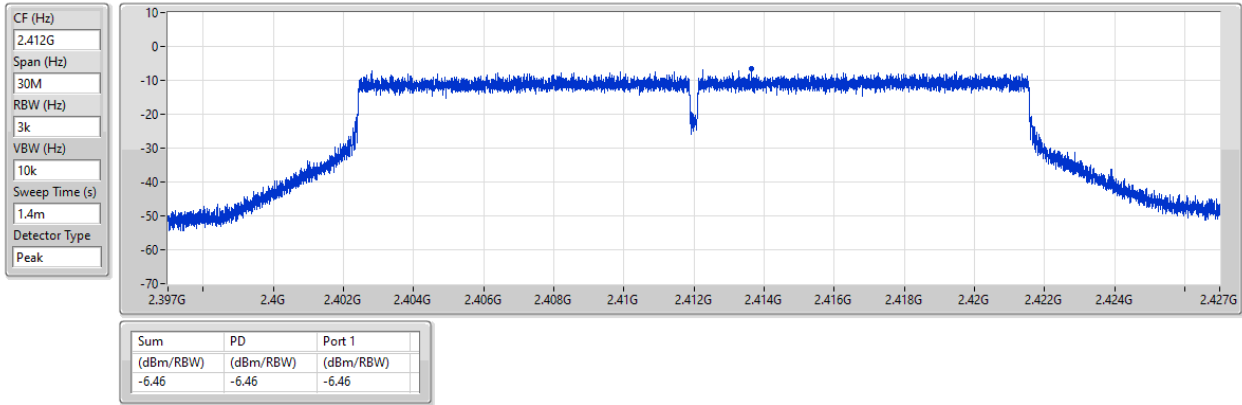


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2412MHz

22/03/2024

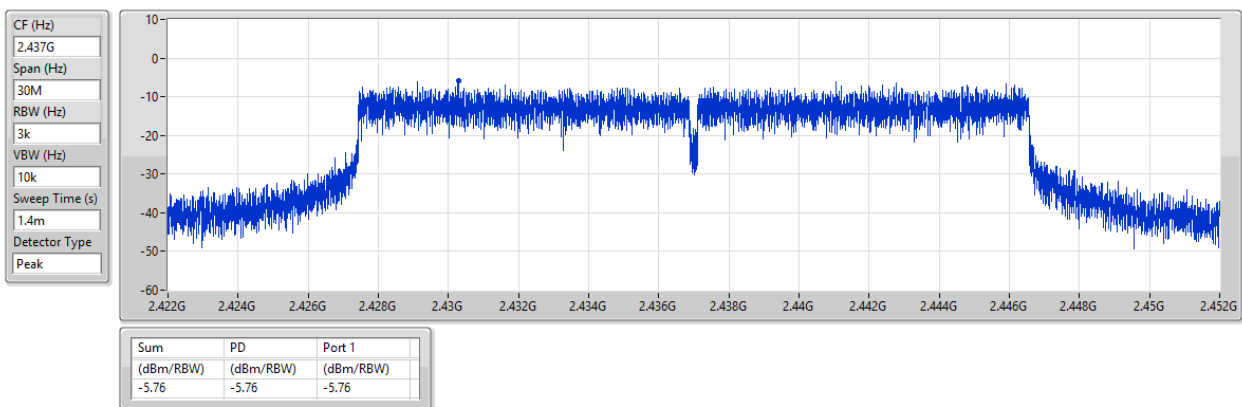


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2437MHz

13/05/2024

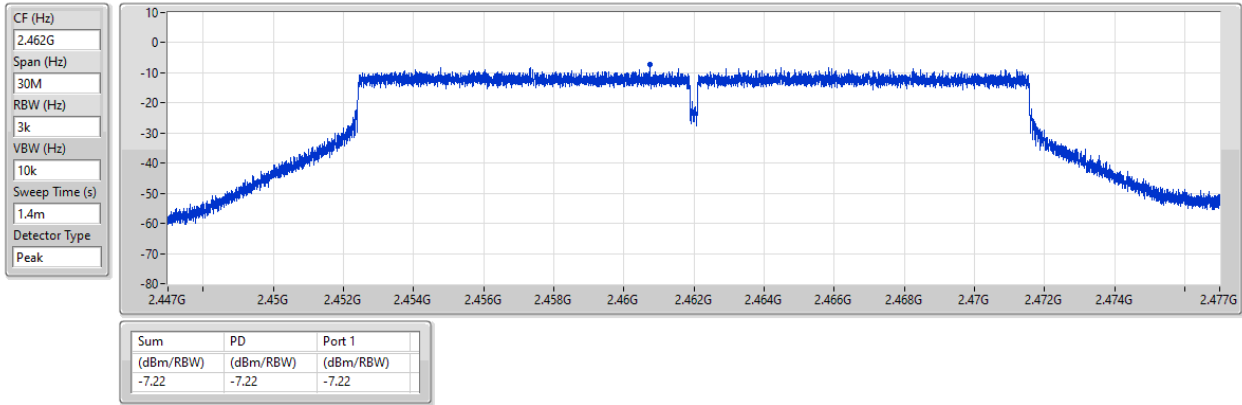


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2462MHz

22/03/2024

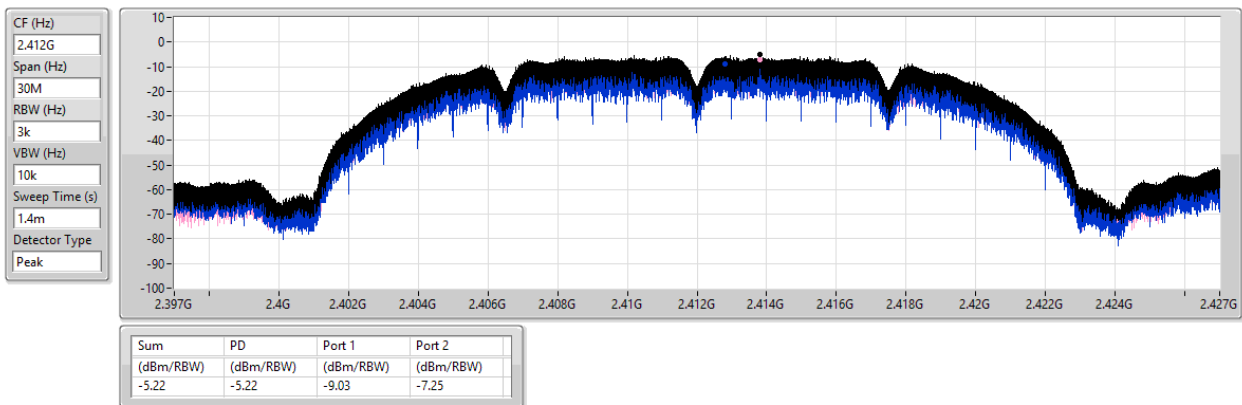


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

16/04/2024

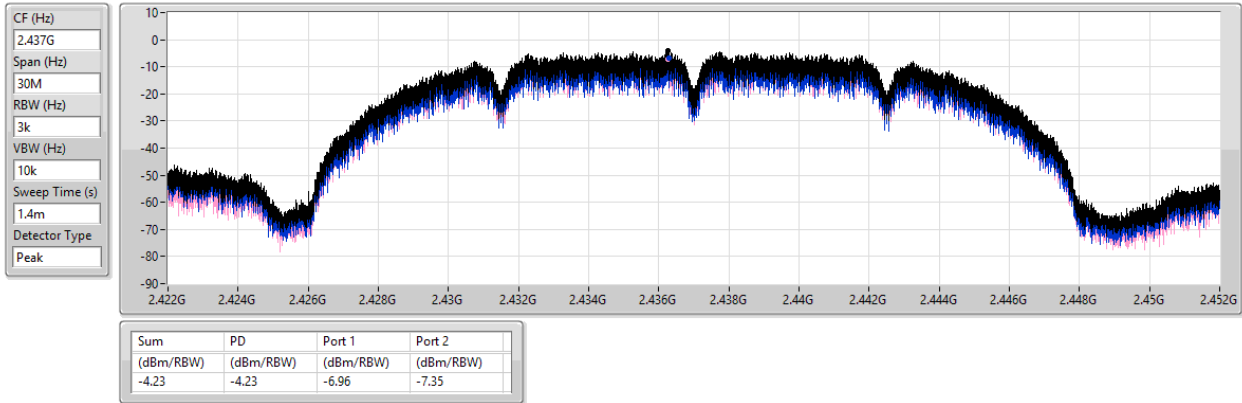


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

13/05/2024

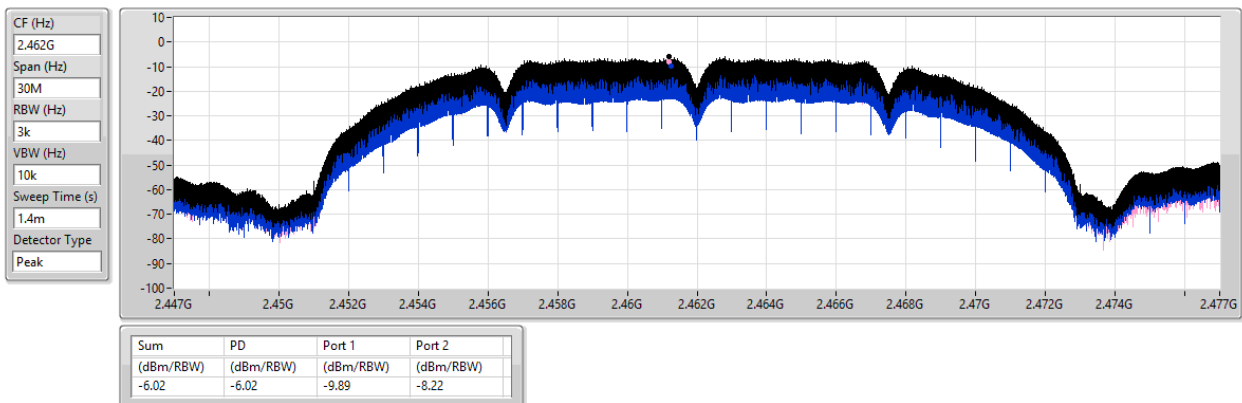


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

16/04/2024

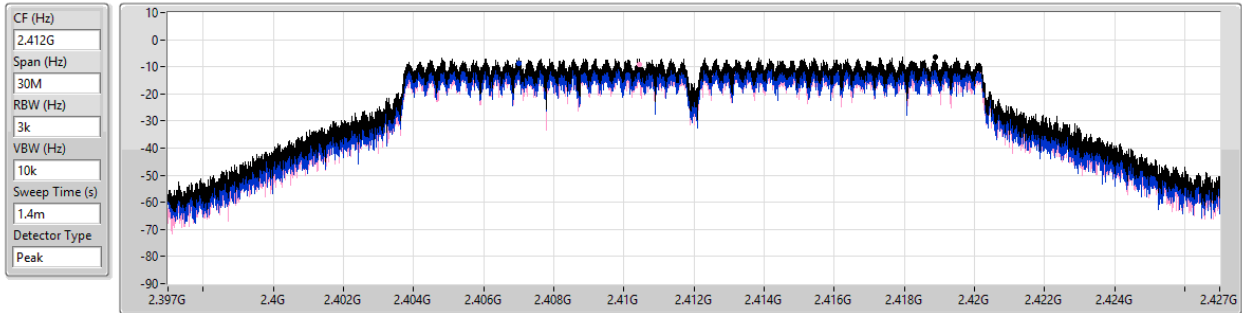


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

16/04/2024



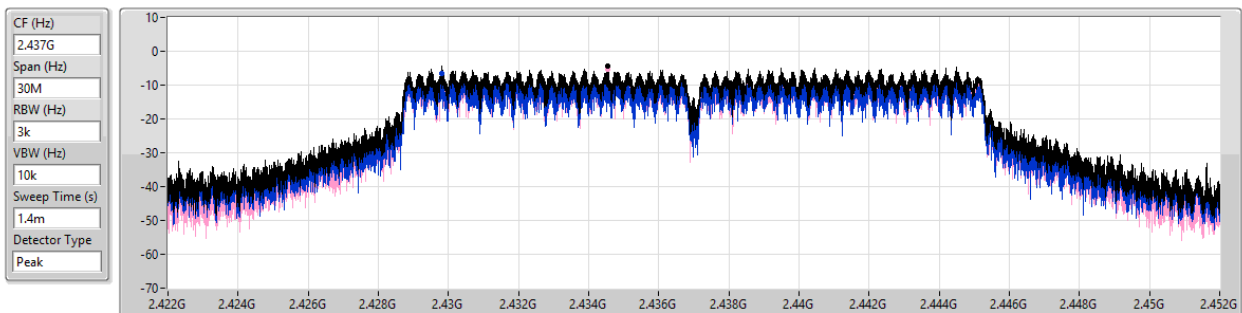
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.39	-6.39	-8.59	-9.31

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

PSD

2437MHz

13/05/2024



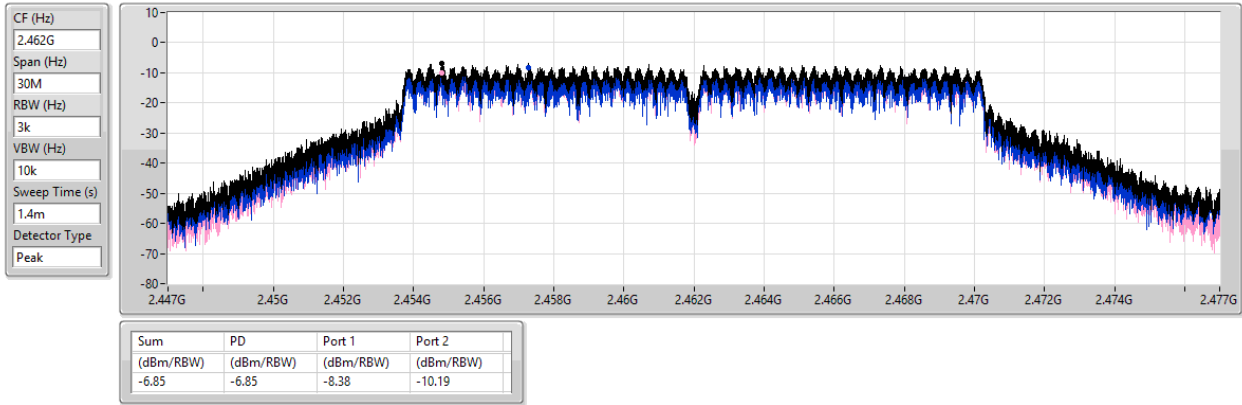
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.51	-4.51	-6.70	-5.22

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

PSD

2462MHz

16/04/2024

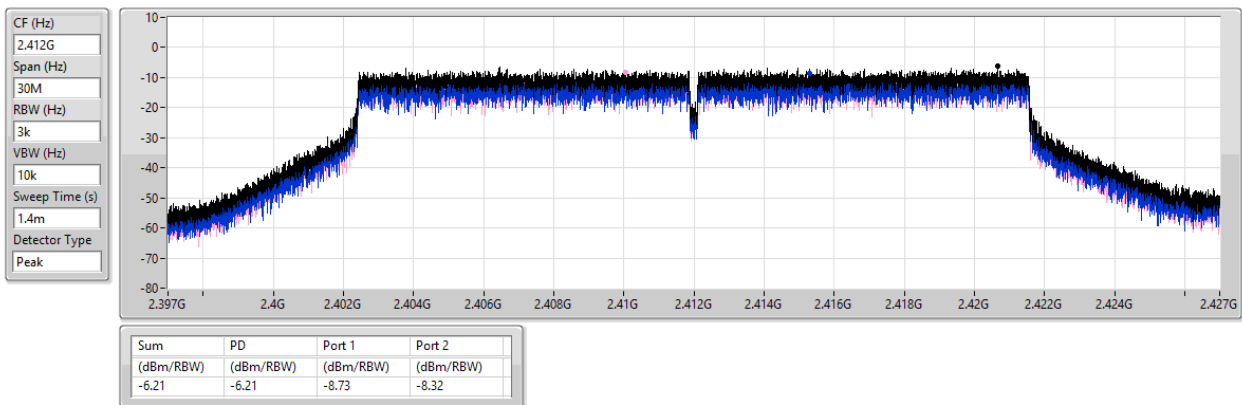


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

16/04/2024

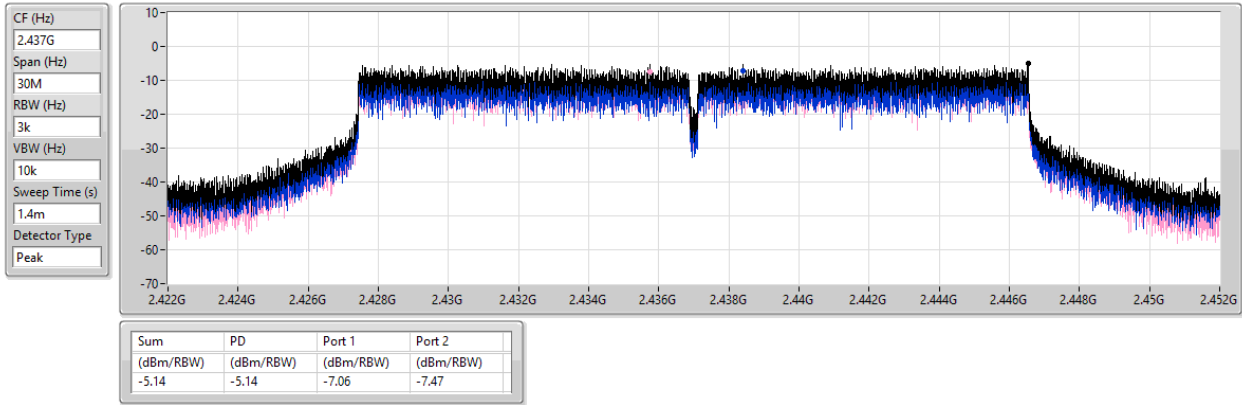


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

13/05/2024

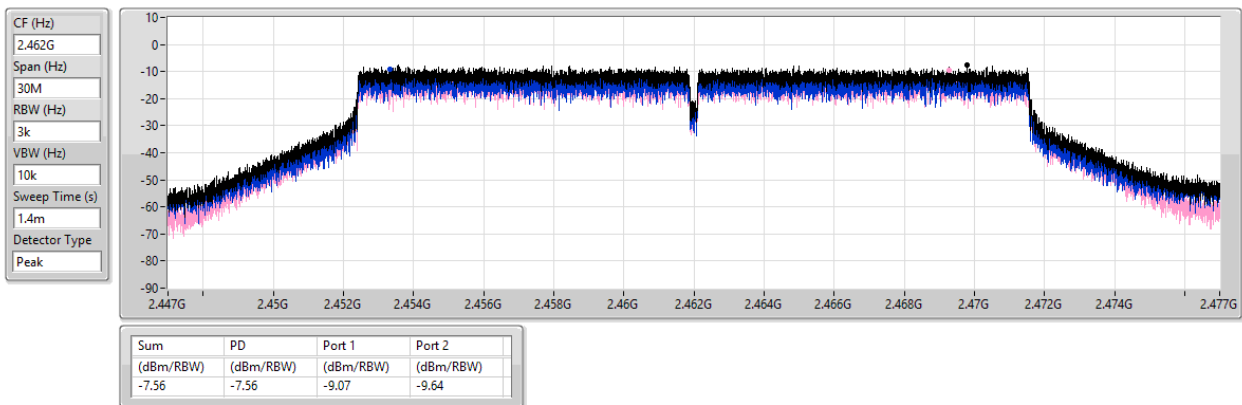


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

16/04/2024

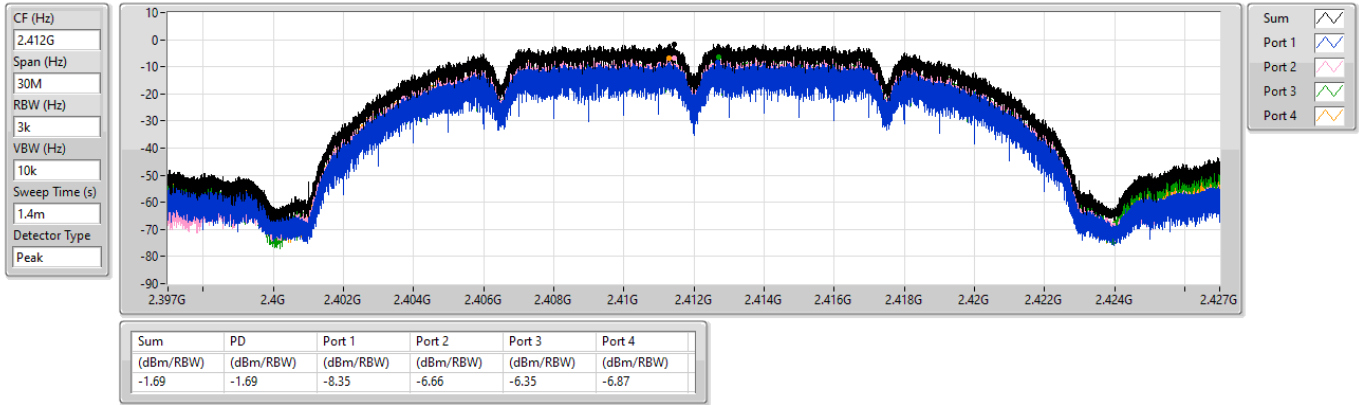


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

22/03/2024

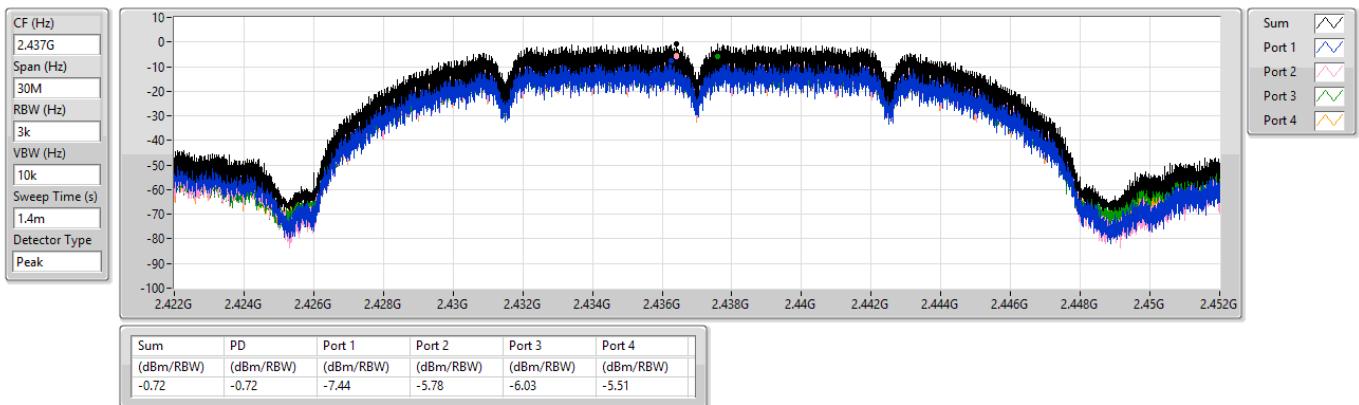


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

13/05/2024

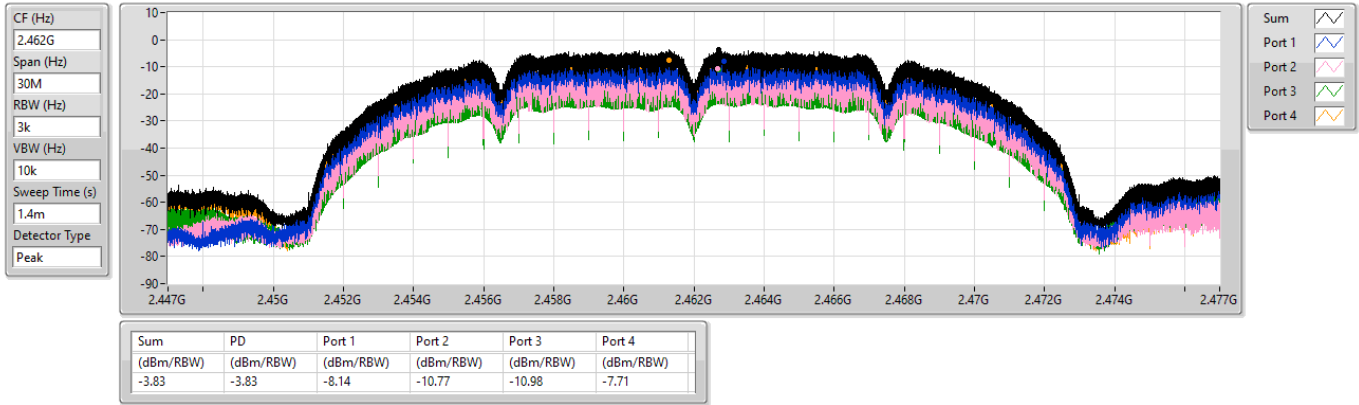


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

22/03/2024

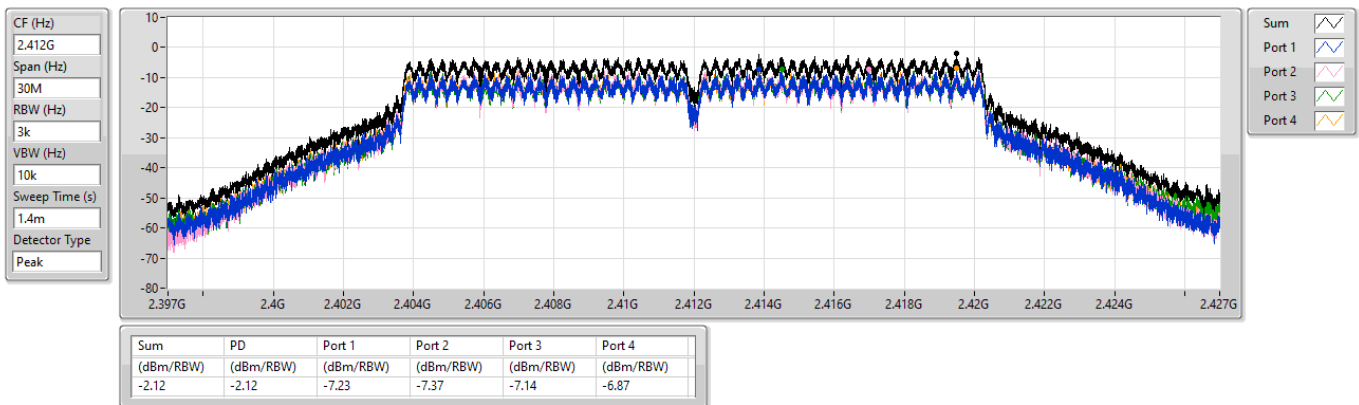


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

22/03/2024

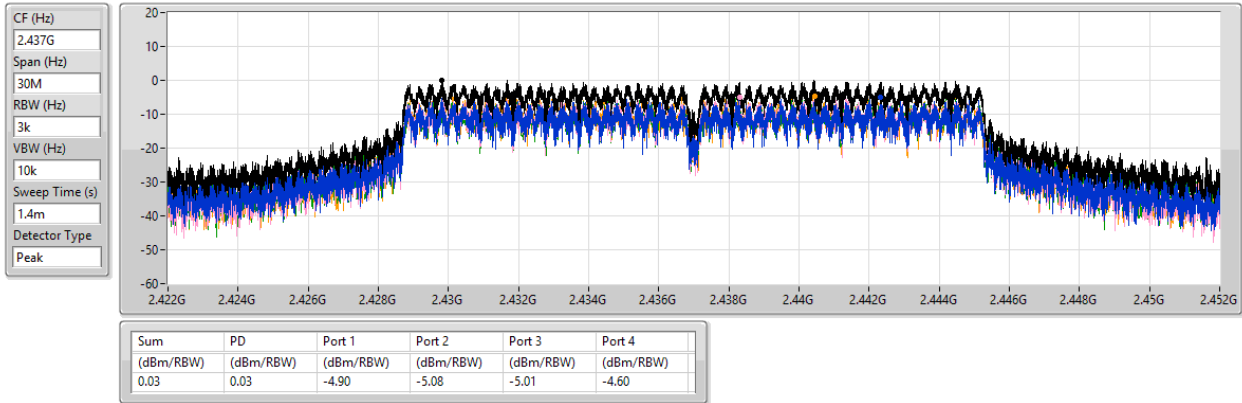


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

13/05/2024

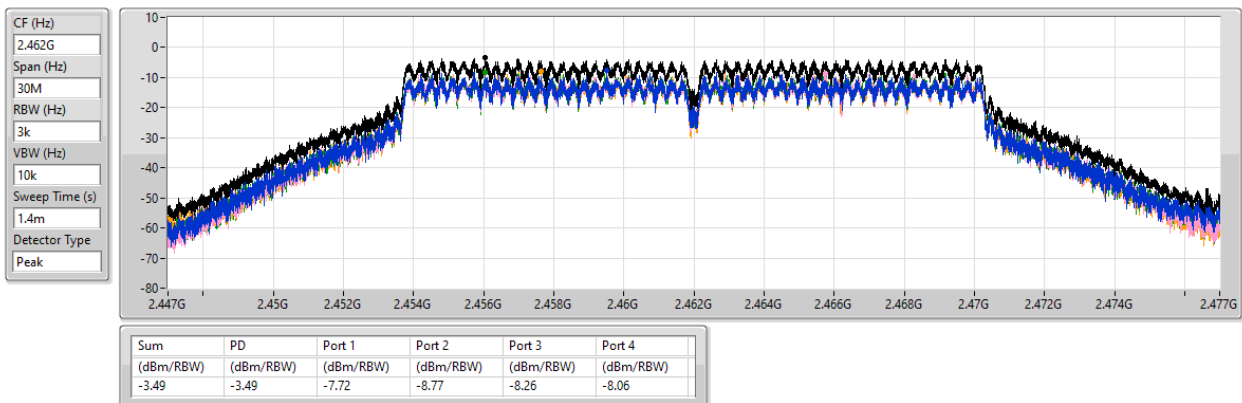


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

22/03/2024

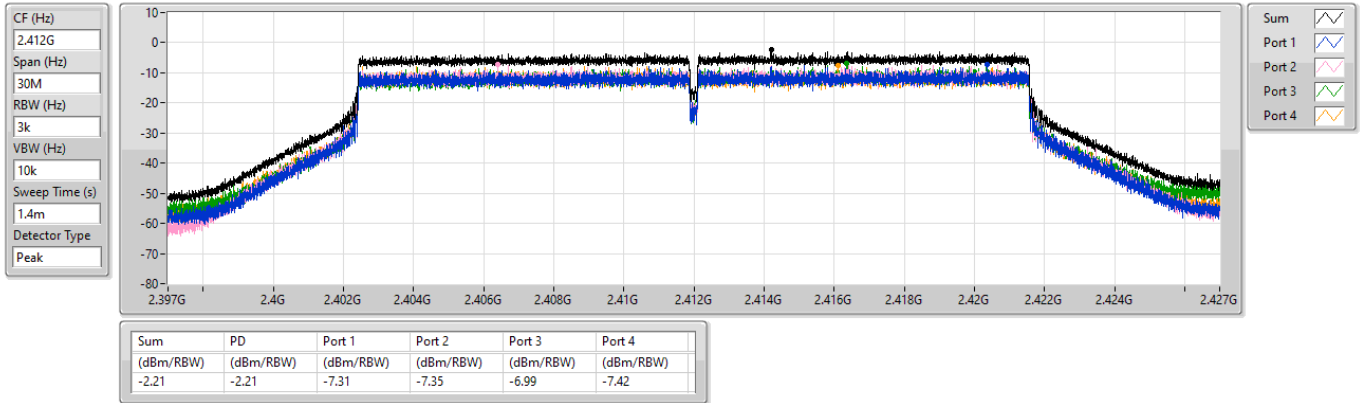


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2412MHz

22/03/2024

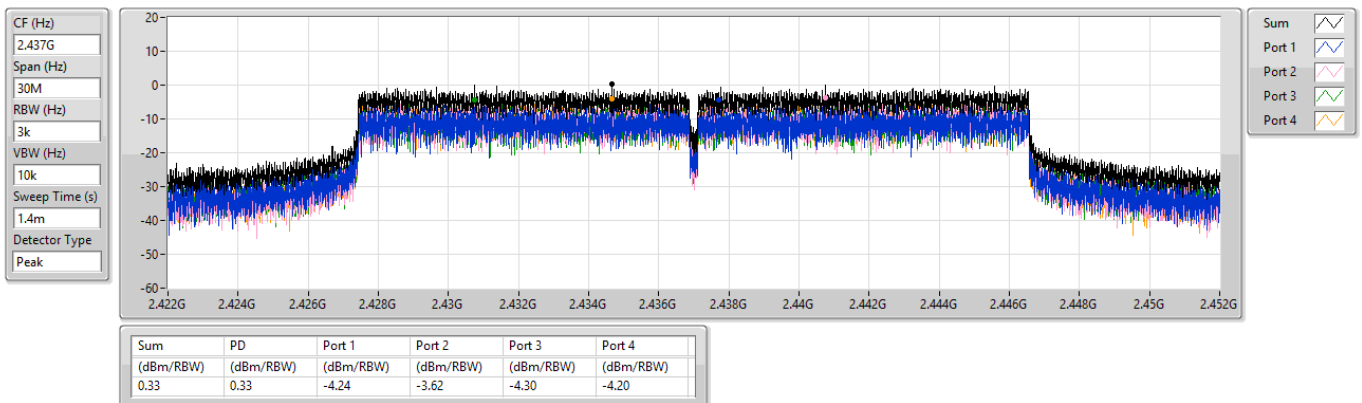


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

13/05/2024

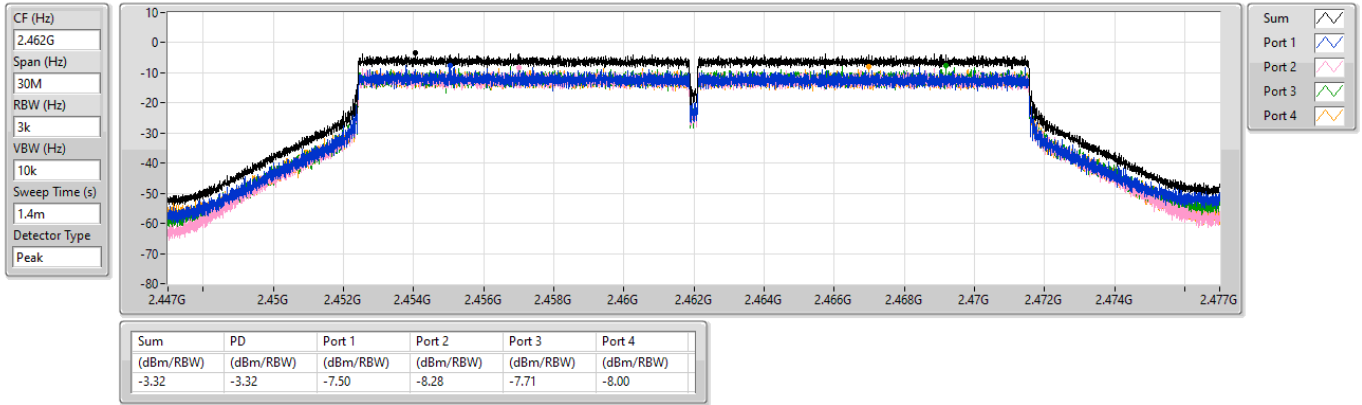


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2462MHz

22/03/2024





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-2.10
802.11g_Nss1,(6Mbps)_1TX	-4.08
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.18

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	-2.10	-2.10	8.00
2437MHz	Pass	2.17	-3.54	-3.54	8.00
2462MHz	Pass	2.17	-5.53	-5.53	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	-7.10	-7.10	8.00
2437MHz	Pass	2.17	-4.08	-4.08	8.00
2462MHz	Pass	2.17	-9.57	-9.57	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.17	-8.28	-8.28	8.00
2437MHz	Pass	2.17	-4.18	-4.18	8.00
2462MHz	Pass	2.17	-7.69	-7.69	8.00

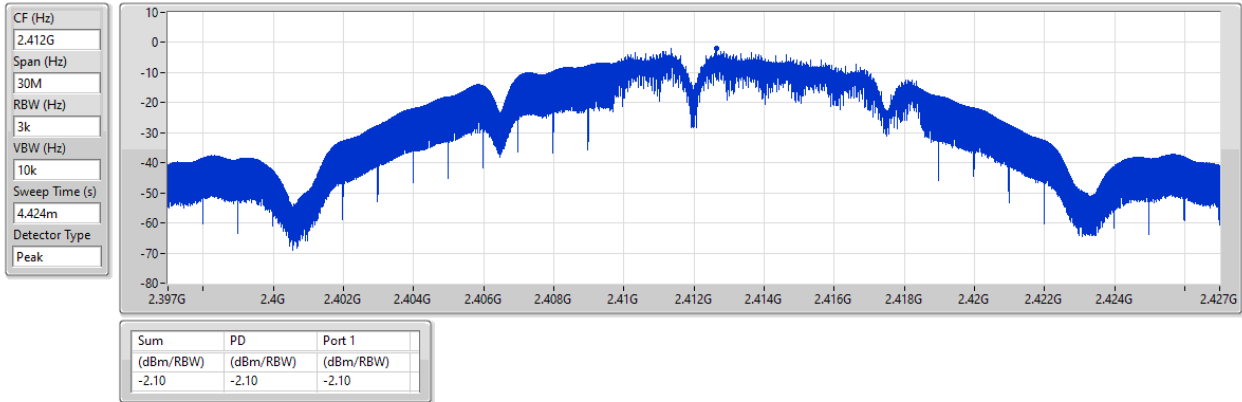
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

04/03/2024

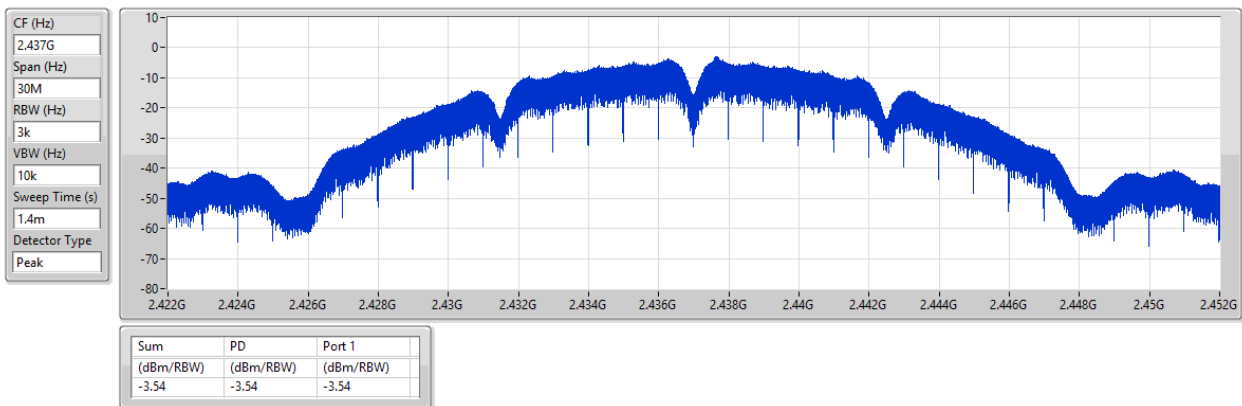


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

14/05/2024

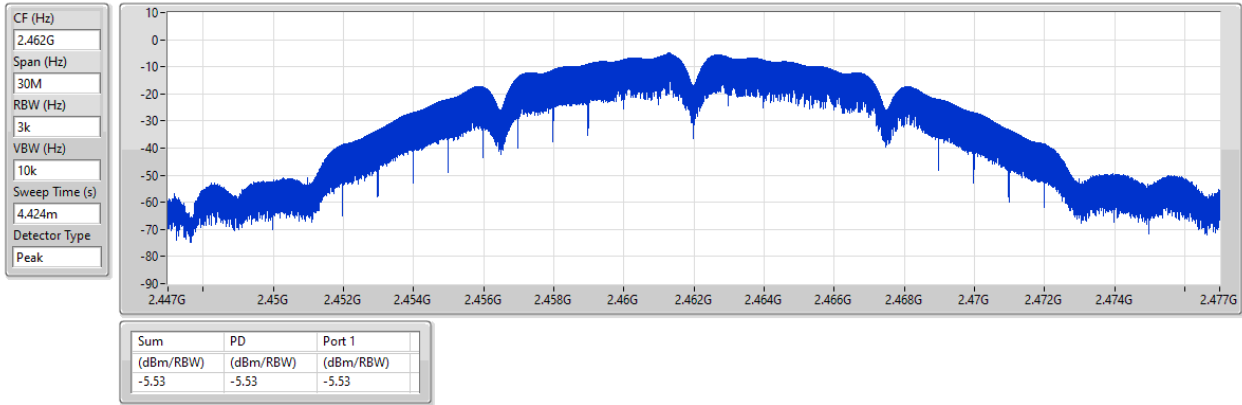


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

04/03/2024

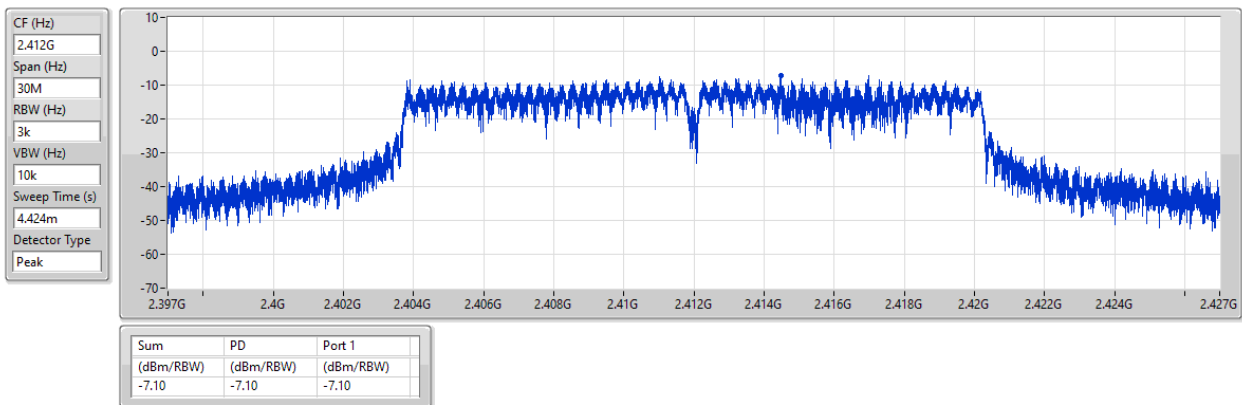


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

04/03/2024

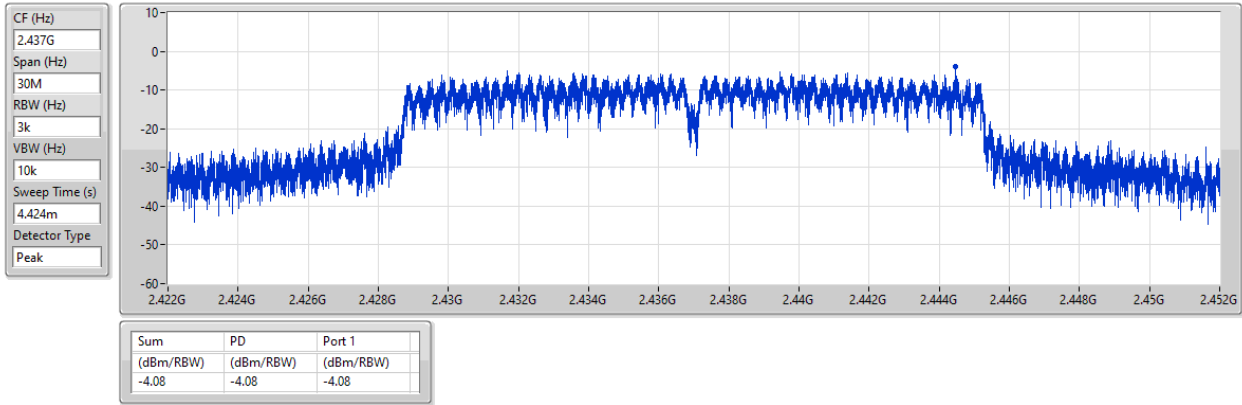


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

04/03/2024

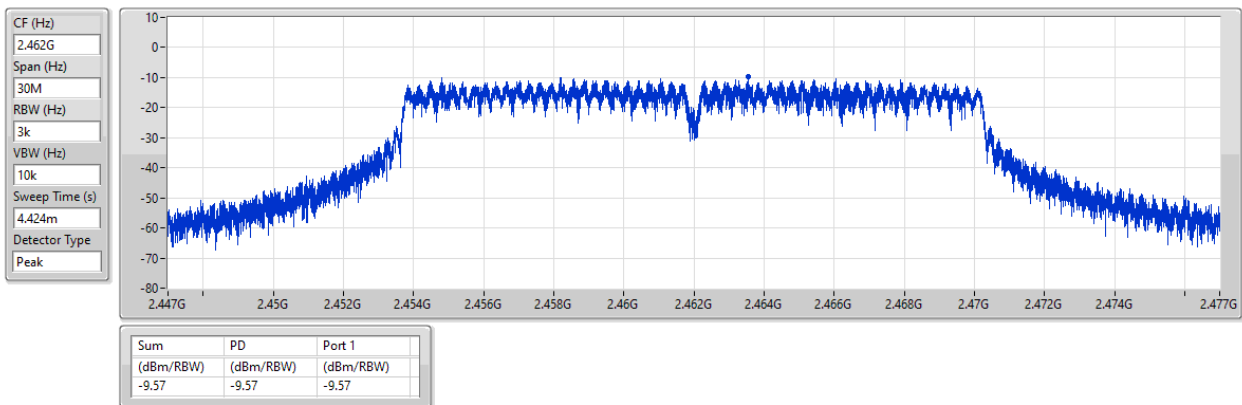


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

04/03/2024

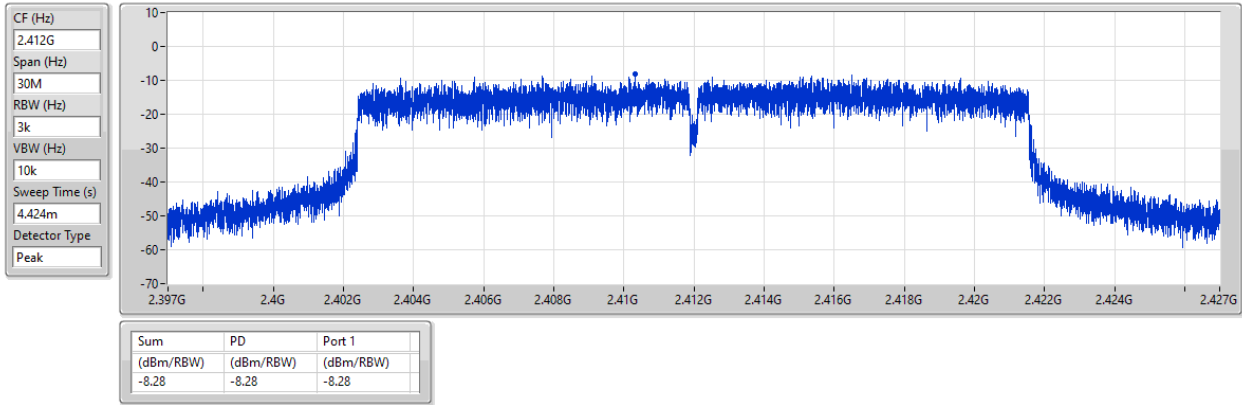


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

04/03/2024

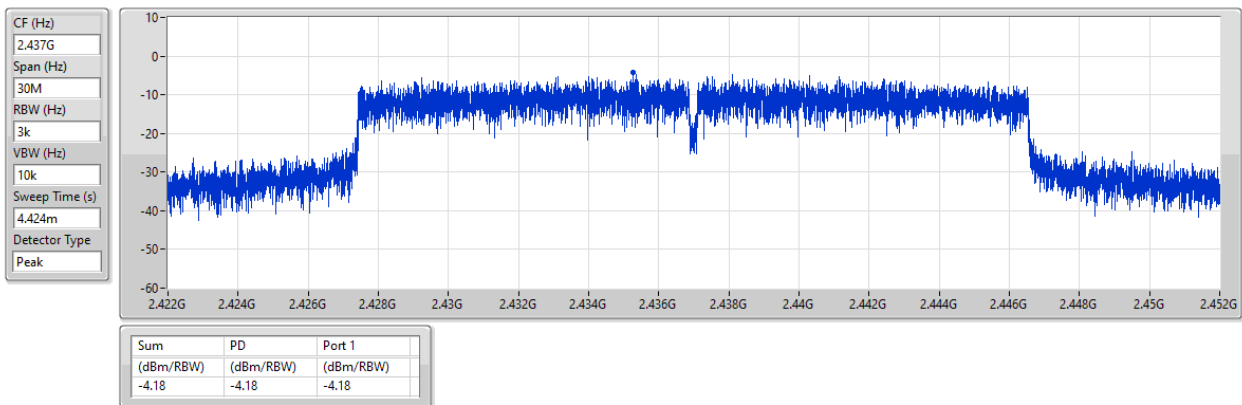


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2437MHz

04/03/2024

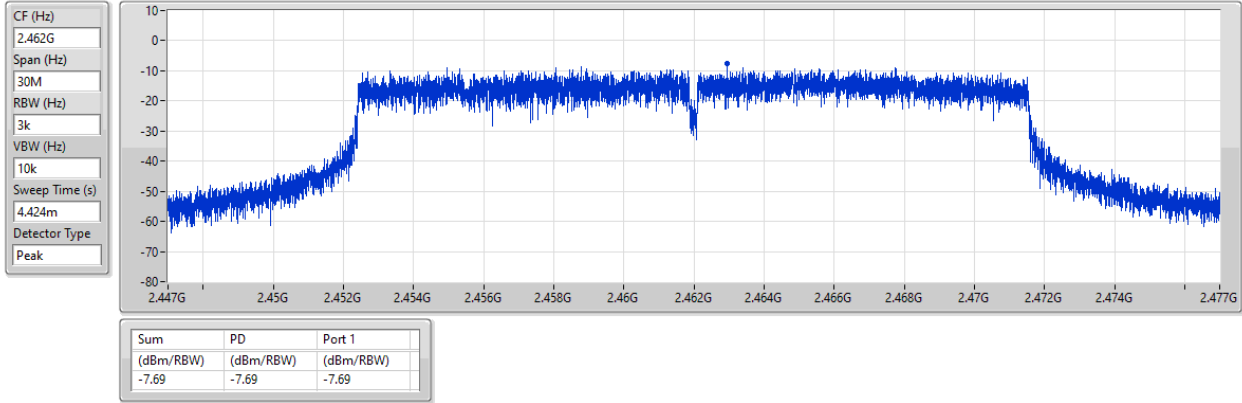


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz

04/03/2024



**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)_1TX	Pass	2.43641G	12.90	-17.10	39.32M	-54.63	2.4G	-31.53	2.4G	-31.85	2.5191G	-52.88	22.00782G	-48.67	1
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43641G	12.02	-17.98	81.26M	-54.29	2.4G	-38.14	2.4G	-39.48	2.5195G	-51.56	21.76338G	-46.48	1
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43641G	11.37	-18.63	2.15962G	-54.77	2.39752G	-36.41	2.4G	-40.96	2.51334G	-51.86	21.49648G	-47.24	4
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43073G	11.27	-18.73	2.01516G	-54.12	2.4G	-24.36	2.4G	-23.90	2.51494G	-52.16	21.56391G	-48.58	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	11.35	-18.65	1.78566G	-53.80	2.4G	-24.22	2.4G	-22.96	2.5191G	-51.41	21.65943G	-48.15	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44208G	11.79	-18.21	40.49M	-54.13	2.4G	-25.37	2.4G	-24.11	2.51374G	-52.53	21.89543G	-48.22	4
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.42956G	11.12	-18.88	2.06176G	-54.12	2.4G	-22.64	2.4G	-23.10	2.5019G	-51.41	21.63976G	-47.72	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44208G	11.06	-18.94	2.1969G	-54.19	2.4G	-22.34	2.4G	-23.71	2.50246G	-52.22	21.94601G	-47.76	2
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.43073G	11.60	-18.40	33.5M	-54.93	2.39952G	-22.90	2.4G	-22.99	2.52182G	-51.83	22.0022G	-48.49	4



CSE (NdB Down)_Radio 1

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	12.90	-17.10	1.81944G	-55.16	2.39752G	-34.16	2.4G	-40.64	2.5143G	-51.80	21.88139G	-48.16	1
2437MHz	Pass	2.43641G	12.90	-17.10	39.32M	-54.63	2.4G	-31.53	2.4G	-31.85	2.5191G	-52.88	22.00782G	-48.67	1
2462MHz	Pass	2.43641G	12.90	-17.10	2.00584G	-54.67	2.39776G	-51.07	2.4G	-54.54	2.5203G	-51.51	21.9741G	-48.72	1
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.27	-18.73	2.01516G	-54.12	2.4G	-24.36	2.4G	-23.90	2.51494G	-52.16	21.56391G	-48.58	1
2437MHz	Pass	2.43073G	11.27	-18.73	140.68M	-53.92	2.39952G	-38.10	2.4G	-41.57	2.5011G	-52.58	22.00501G	-48.55	1
2462MHz	Pass	2.43073G	11.27	-18.73	2.15263G	-53.63	2.39816G	-51.21	2.4G	-55.07	2.51094G	-52.19	21.96848G	-47.79	1
802.11be EHT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.42956G	11.12	-18.88	2.06176G	-54.12	2.4G	-22.64	2.4G	-23.10	2.5019G	-51.41	21.63976G	-47.72	1
2437MHz	Pass	2.42956G	11.12	-18.88	103.4M	-54.51	2.39976G	-39.26	2.4G	-40.96	2.5175G	-51.92	21.93758G	-48.74	1
2462MHz	Pass	2.42956G	11.12	-18.88	1.73207G	-54.54	2.39888G	-51.22	2.4G	-54.20	2.51046G	-52.73	21.97972G	-48.33	1
802.11b_Nss1(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	12.02	-17.98	34.66M	-54.77	2.39856G	-40.08	2.4G	-50.07	2.51566G	-51.65	21.6791G	-47.26	1
2412MHz	Pass	2.43641G	12.02	-17.98	1.92546G	-53.88	2.3996G	-42.72	2.4G	-51.84	2.5131G	-50.99	21.80272G	-47.47	2
2417MHz															
2437MHz	Pass	2.43641G	12.02	-17.98	81.26M	-54.29	2.4G	-38.14	2.4G	-39.48	2.5195G	-51.56	21.76338G	-46.48	1
2437MHz	Pass	2.43641G	12.02	-17.98	2.1771G	-53.95	2.4G	-48.31	2.4G	-48.66	2.50574G	-51.37	21.55829G	-48.38	2
2457MHz															
2462MHz	Pass	2.43641G	12.02	-17.98	1.84391G	-54.20	2.39208G	-50.95	2.4G	-53.85	2.52302G	-51.52	21.54986G	-48.61	1
2462MHz	Pass	2.43641G	12.02	-17.98	2.11186G	-54.35	2.39856G	-51.72	2.4G	-53.46	2.5123G	-51.44	21.58919G	-46.83	2
802.11g_Nss1(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.35	-18.65	1.78566G	-53.80	2.4G	-24.22	2.4G	-22.96	2.5191G	-51.41	21.65943G	-48.15	1
2412MHz	Pass	2.43073G	11.35	-18.65	2.10836G	-54.07	2.39984G	-24.04	2.4G	-24.15	2.51574G	-49.59	21.71G	-48.28	2
2437MHz	Pass	2.43073G	11.35	-18.65	2.19108G	-53.84	2.39984G	-42.87	2.4G	-44.54	2.5151G	-51.73	21.58919G	-47.73	1
2437MHz	Pass	2.43073G	11.35	-18.65	2.11885G	-54.80	2.3996G	-42.19	2.4G	-43.49	2.5079G	-52.02	21.99096G	-48.60	2
2462MHz	Pass	2.43073G	11.35	-18.65	2.08739G	-54.17	2.39528G	-50.99	2.4G	-52.87	2.50718G	-51.64	21.72686G	-46.67	1
2462MHz	Pass	2.43073G	11.35	-18.65	2.1538G	-53.70	2.39736G	-51.28	2.4G	-55.45	2.50222G	-51.00	21.92072G	-48.06	2
802.11be EHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	11.06	-18.94	2.18409G	-54.52	2.39992G	-26.64	2.4G	-23.11	2.5131G	-51.63	21.81677G	-48.21	1
2412MHz	Pass	2.44208G	11.06	-18.94	2.1969G	-54.19	2.4G	-22.34	2.4G	-23.71	2.50246G	-52.22	21.94601G	-47.76	2
2437MHz	Pass	2.44208G	11.06	-18.94	1.63421G	-54.51	2.39912G	-41.32	2.4G	-41.63	2.5167G	-51.86	21.76619G	-46.80	1
2437MHz	Pass	2.44208G	11.06	-18.94	1.94643G	-54.22	2.39848G	-39.62	2.4G	-41.56	2.50054G	-50.98	21.6791G	-47.19	2
2462MHz	Pass	2.44208G	11.06	-18.94	2.08739G	-55.05	2.39688G	-50.76	2.4G	-54.51	2.5115G	-51.85	21.97691G	-47.94	1
2462MHz	Pass	2.44208G	11.06	-18.94	1.94876G	-53.00	2.3912G	-51.04	2.4G	-55.20	2.5039G	-51.54	21.83924G	-47.89	2
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	11.37	-18.63	2.03963G	-54.43	2.39752G	-39.11	2.4G	-42.86	2.52198G	-52.47	21.98534G	-48.41	1
2412MHz	Pass	2.43641G	11.37	-18.63	59.13M	-54.09	2.39848G	-43.73	2.4G	-42.97	2.50998G	-52.12	21.98534G	-48.39	2
2412MHz	Pass	2.43641G	11.37	-18.63	104.56M	-54.62	2.39752G	-36.74	2.4G	-43.04	2.5063G	-52.37	21.97691G	-48.37	3
2412MHz	Pass	2.43641G	11.37	-18.63	2.15962G	-54.77	2.39752G	-36.41	2.4G	-40.96	2.51334G	-51.86	21.49648G	-47.24	4
2437MHz	Pass	2.43641G	11.37	-18.63	2.1538G	-54.69	2.4G	-44.99	2.4G	-45.91	2.51438G	-52.65	21.90667G	-47.73	1
2437MHz	Pass	2.43641G	11.37	-18.63	2.08739G	-54.37	2.4G	-45.22	2.4G	-45.88	2.50574G	-53.09	21.95162G	-47.96	2
2437MHz	Pass	2.43641G	11.37	-18.63	2.12001G	-54.29	2.4G	-43.90	2.4G	-44.77	2.50486G	-52.41	21.95443G	-48.41	3
2437MHz	Pass	2.43641G	11.37	-18.63	40.49M	-53.67	2.4G	-47.93	2.4G	-48.83	2.5055G	-52.09	22.00782G	-48.28	4
2462MHz	Pass	2.43641G	11.37	-18.63	1.77867G	-54.68	2.39584G	-51.64	2.4G	-55.17	2.51694G	-52.49	21.96848G	-48.27	1
2462MHz	Pass	2.43641G	11.37	-18.63	1.85672G	-54.61	2.39776G	-51.58	2.4G	-55.85	2.50174G	-52.84	21.93758G	-48.65	2
2462MHz	Pass	2.43641G	11.37	-18.63	1.73207G	-55.09	2.39976G	-51.76	2.4G	-55.47	2.5083G	-52.22	21.81115G	-47.84	3
2462MHz	Pass	2.43641G	11.37	-18.63	1.89167G	-54.38	2.39496G	-51.41	2.4G	-55.51	2.5039G	-52.58	21.93196G	-47.46	4
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	11.79	-18.21	2.08856G	-54.58	2.4G	-25.95	2.4G	-24.83	2.51094G	-52.13	21.91229G	-48.59	1
2412MHz	Pass	2.44208G	11.79	-18.21	2.12584G	-54.60	2.39984G	-24.42	2.4G	-24.44	2.52142G	-51.98	21.89262G	-47.23	2
2412MHz	Pass	2.44208G	11.79	-18.21	2.12584G	-53.67	2.4G	-25.70	2.4G	-25.76	2.50462G	-52.54	21.95443G	-48.67	3
2412MHz	Pass	2.44208G	11.79	-18.21	40.49M	-54.13	2.4G	-25.37	2.4G	-24.11	2.51374G	-52.53	21.89543G	-48.22	4
2437MHz	Pass	2.44208G	11.79	-18.21	2.10836G	-53.58	2.39992G	-42.35	2.4G	-44.72	2.5167G	-52.17	21.94601G	-48.10	1
2437MHz	Pass	2.44208G	11.79	-18.21	2.12933G	-54.33	2.39952G	-41.72	2.4G	-43.88	2.52046G	-52.59	21.96848G	-48.36	2
2437MHz	Pass	2.44208G	11.79	-18.21	2.09205G	-54.61	2.3992G	-42.04	2.4G	-45.08	2.51718G	-52.72	21.80553G	-48.73	3
2437MHz	Pass	2.44208G	11.79	-18.21	1.91847G	-55.07	2.39968G	-40.36	2.4G	-42.72	2.50542G	-52.57	21.99939G	-47.30	4
2462MHz	Pass	2.44208G	11.79	-18.21	63.79M	-53.89	2.39784G	-51.90	2.4G	-53.60	2.52158G	-52.68	21.97129G	-47.90	1
2462MHz	Pass	2.44208G	11.79	-18.21	1.92546G	-54.23	2.39624G	-52.07	2.4G	-55.68	2.50062G	-52.15	23.18783G	-47.46	2
2462MHz	Pass	2.44208G	11.79	-18.21	1.65401G	-54.47	2.39376G	-52.07	2.4G	-54.43	2.5063G	-52.72	21.49367G	-48.29	3
2462MHz	Pass	2.44208G	11.79	-18.21	2.19108G	-54.08	2.39768G	-51.15	2.4G	-53.65	2.5047G	-52.49	21.94039G	-47.59	4

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_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	11.60	-18.40	804.73M	-54.54	2.4G	-26.36	2.4G	-26.29	2.51206G	-52.63	21.94882G	-48.96	1
2412MHz	Pass	2.43073G	11.60	-18.40	2.10137G	-54.47	2.4G	-23.71	2.4G	-26.61	2.51262G	-52.46	21.96848G	-48.48	2
2412MHz	Pass	2.43073G	11.60	-18.40	2.19923G	-54.91	2.3992G	-25.98	2.4G	-26.12	2.52326G	-52.15	23.19345G	-48.16	3
2412MHz	Pass	2.43073G	11.60	-18.40	33.5M	-54.93	2.39952G	-22.90	2.4G	-22.99	2.52182G	-51.83	22.0022G	-48.49	4
2437MHz	Pass	2.43073G	11.60	-18.40	2.19341G	-54.12	2.39968G	-40.30	2.4G	-39.72	2.52318G	-52.42	21.94882G	-48.08	1
2437MHz	Pass	2.43073G	11.60	-18.40	2.1771G	-54.49	2.3988G	-40.46	2.4G	-40.43	2.51006G	-53.16	21.97972G	-48.52	2
2437MHz	Pass	2.43073G	11.60	-18.40	2.0105G	-54.88	2.39872G	-42.16	2.4G	-41.04	2.50806G	-52.45	21.99377G	-47.80	3
2437MHz	Pass	2.43073G	11.60	-18.40	1.8043G	-54.33	2.39856G	-39.36	2.4G	-38.53	2.52014G	-52.43	21.99658G	-48.42	4
2462MHz	Pass	2.43073G	11.60	-18.40	2.05943G	-54.42	2.39304G	-51.37	2.4G	-54.63	2.5071G	-52.30	22.0022G	-48.24	1
2462MHz	Pass	2.43073G	11.60	-18.40	2.11885G	-54.73	2.3912G	-51.54	2.4G	-54.56	2.52078G	-53.17	21.63976G	-48.32	2
2462MHz	Pass	2.43073G	11.60	-18.40	1.75653G	-54.55	2.39112G	-50.79	2.4G	-55.57	2.52134G	-52.45	21.93758G	-48.39	3
2462MHz	Pass	2.43073G	11.60	-18.40	1.84158G	-55.16	2.39712G	-52.17	2.4G	-54.94	2.5035G	-52.98	21.94882G	-48.79	4

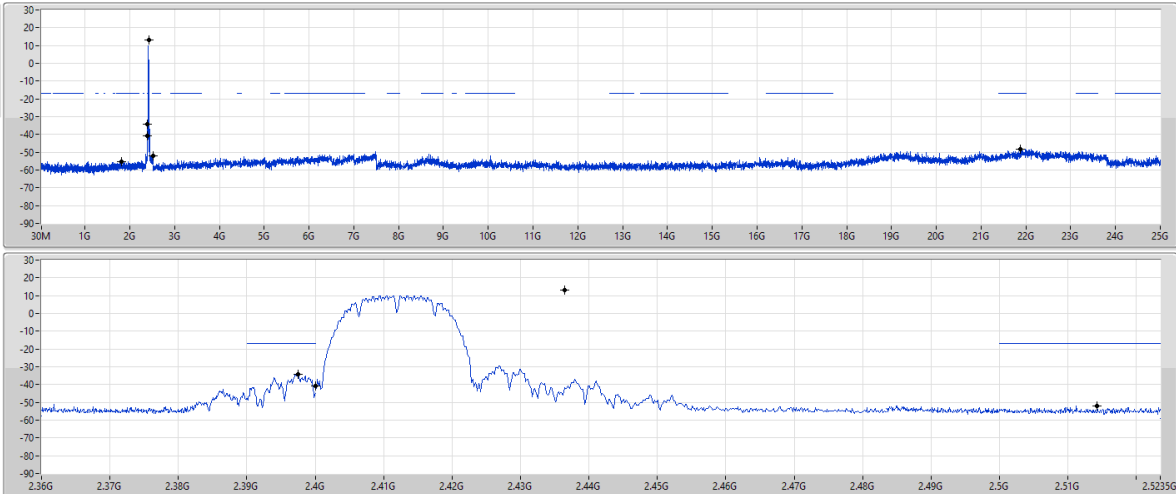
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

22/03/2024

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



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
2.43641G	12.90	-17.10	1.81944G	-55.16	2.39752G	-34.16	2.4G	-40.64	2.5143G	-51.80	21.88139G	-48.16	1

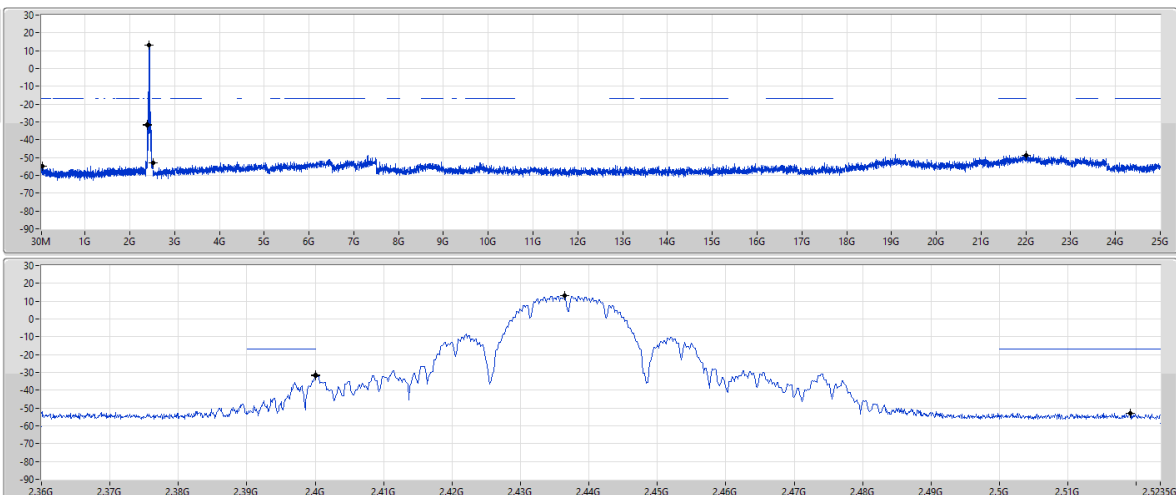
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

22/03/2024

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

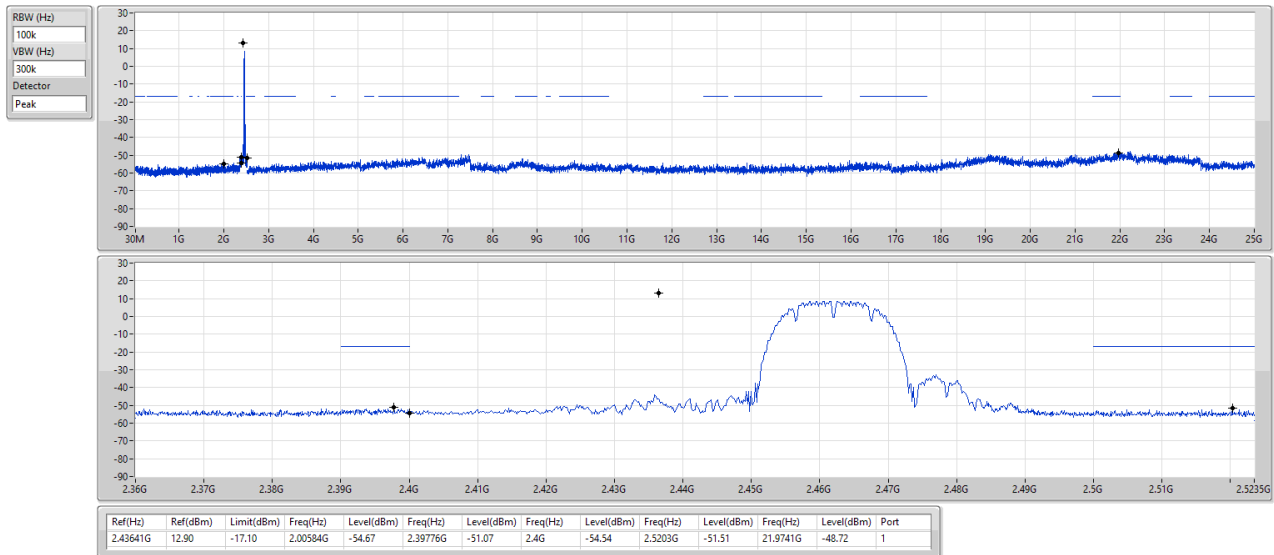


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	12.90	-17.10	39.32M	-54.63	2.4G	-31.53	2.4G	-31.85	2.5191G	-52.88	22.00782G	-48.67	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

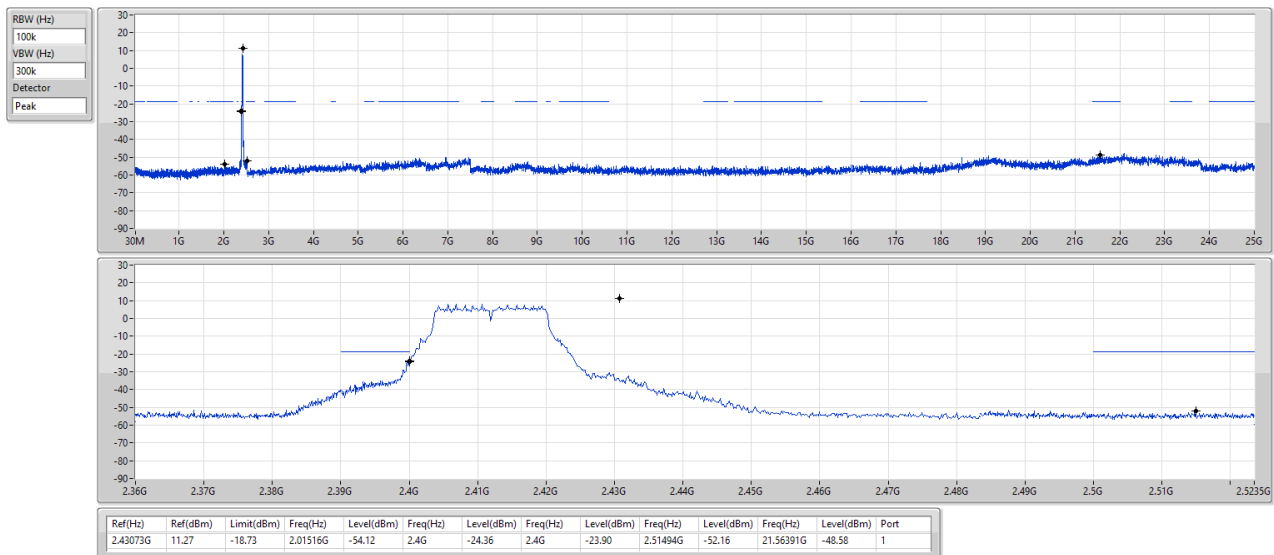
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

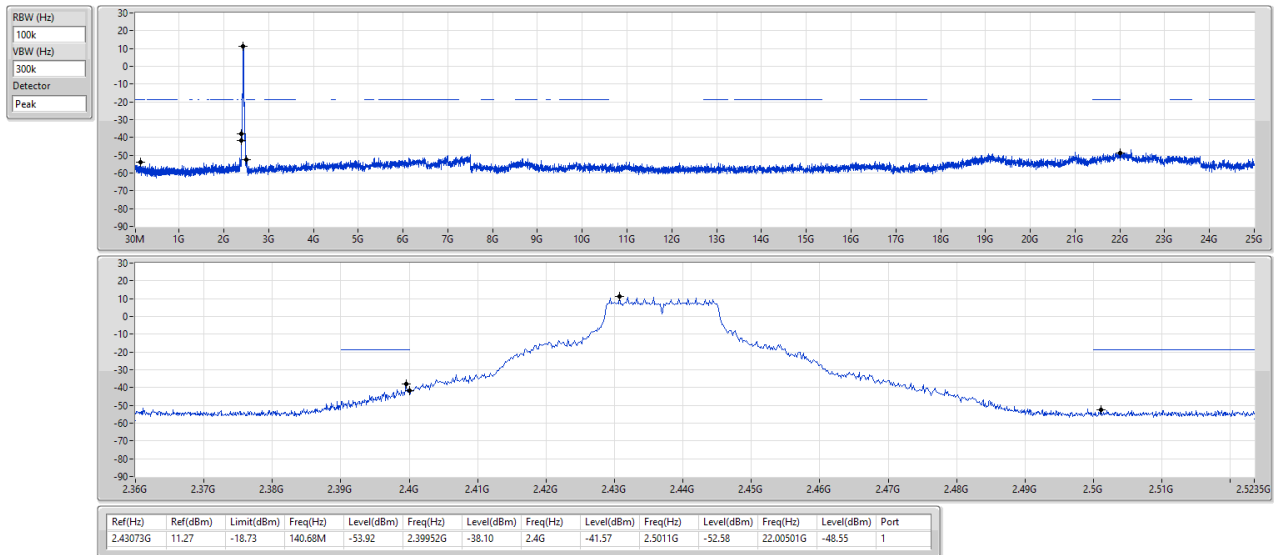
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

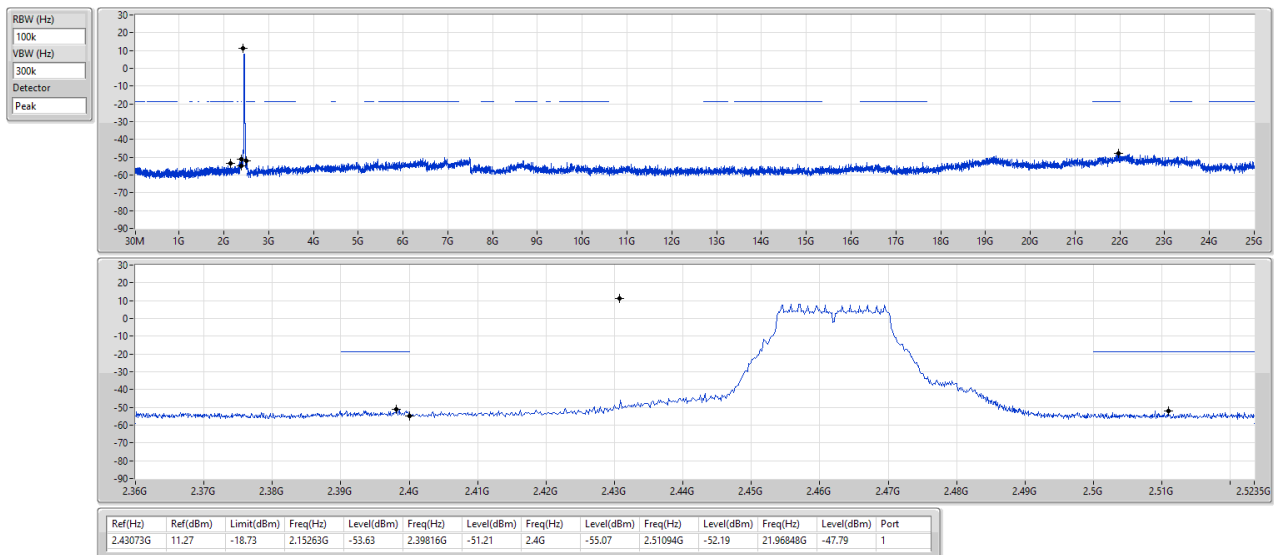
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

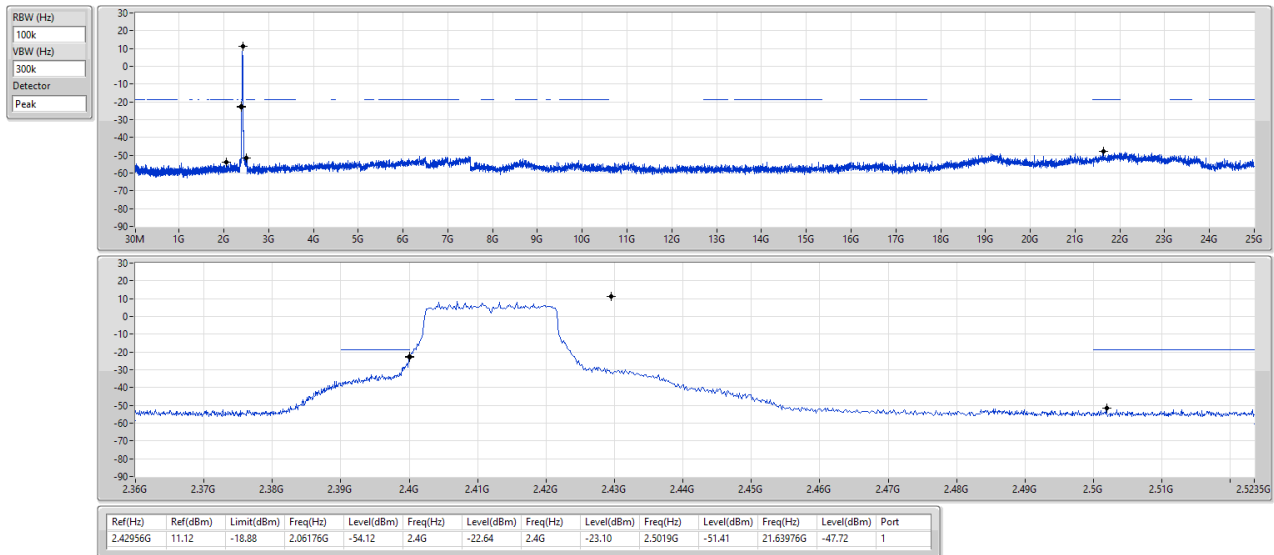
2462MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

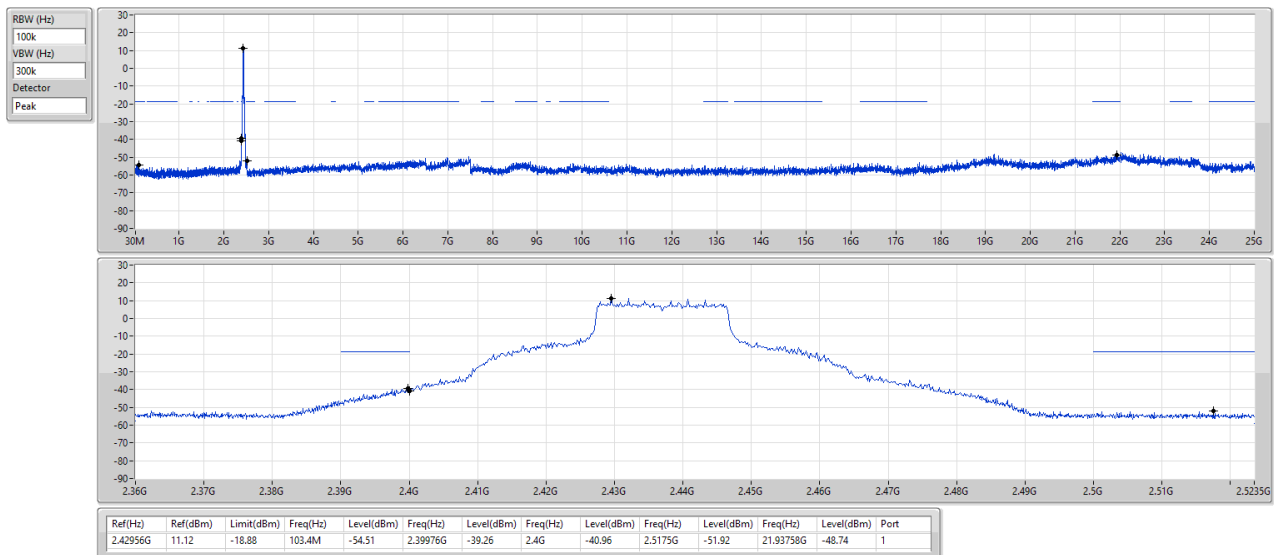
2412MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

2437MHz

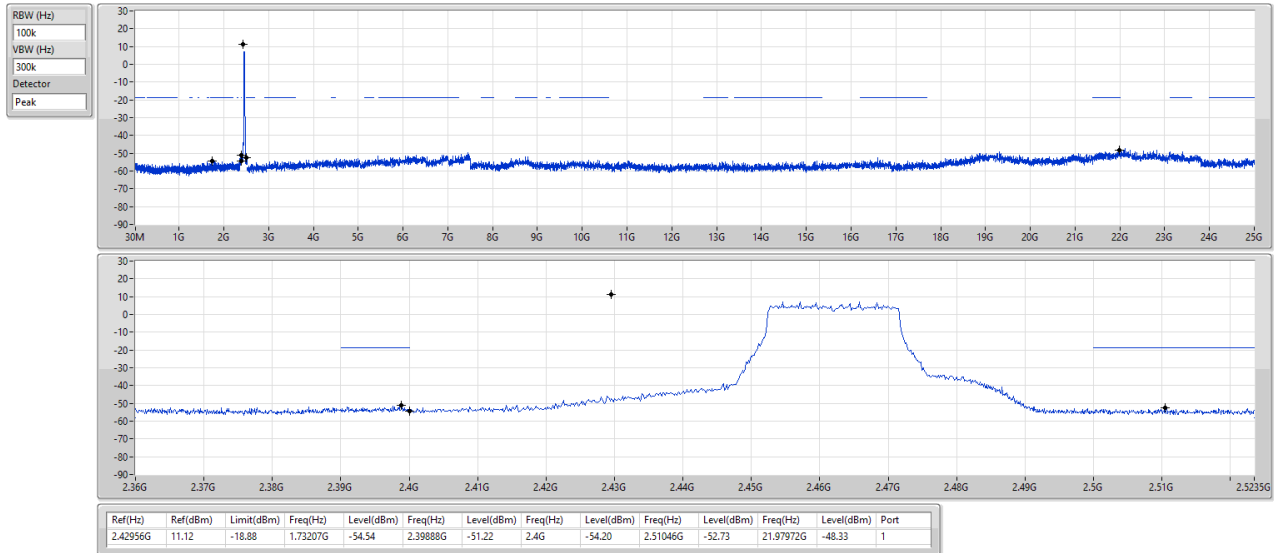


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

CSEndB

2462MHz

22/03/2024

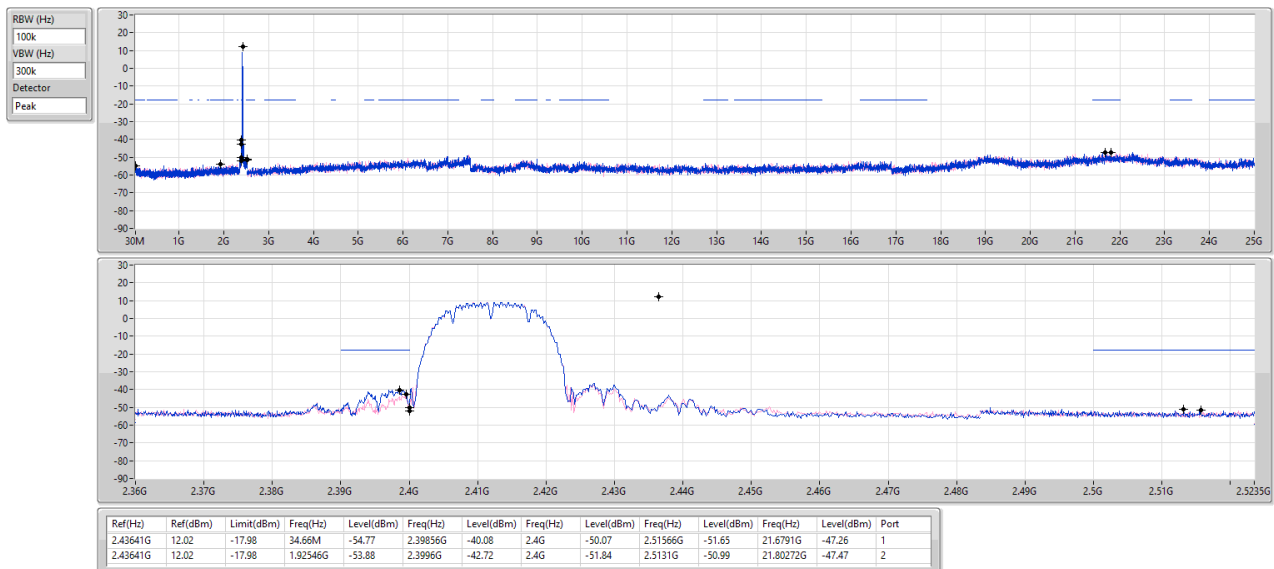


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2412MHz

16/04/2024



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

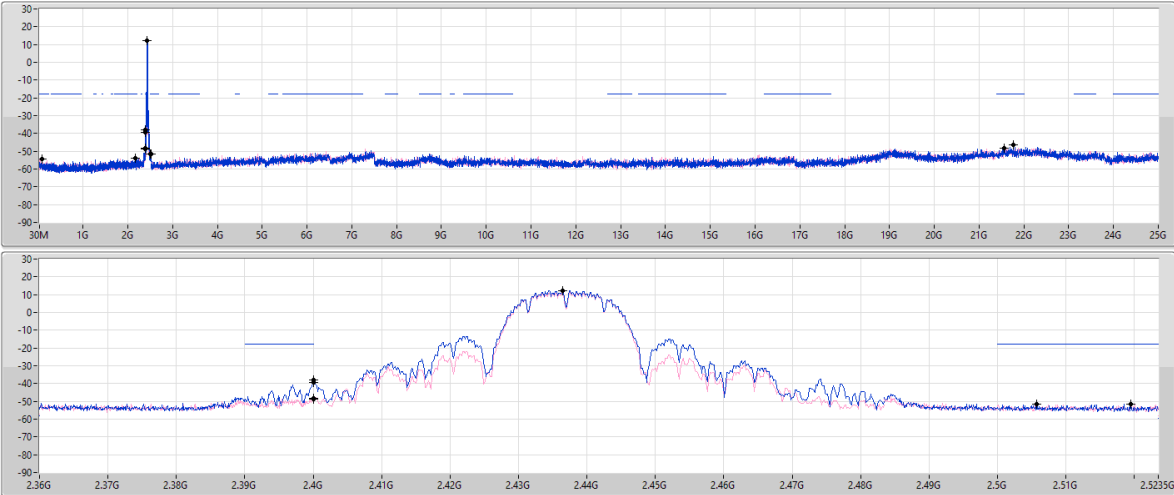
CSEndB

2437MHz

16/04/2024

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

Port 1
Port 2



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
2.43641G	12.02	-17.98	81.26M	-54.29	2.4G	-38.14	2.4G	-39.48	2.5195G	-51.56	21.76338G	-46.48	1
2.43641G	12.02	-17.98	2.1771G	-53.95	2.4G	-48.31	2.4G	-48.66	2.50574G	-51.37	21.55829G	-48.38	2

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

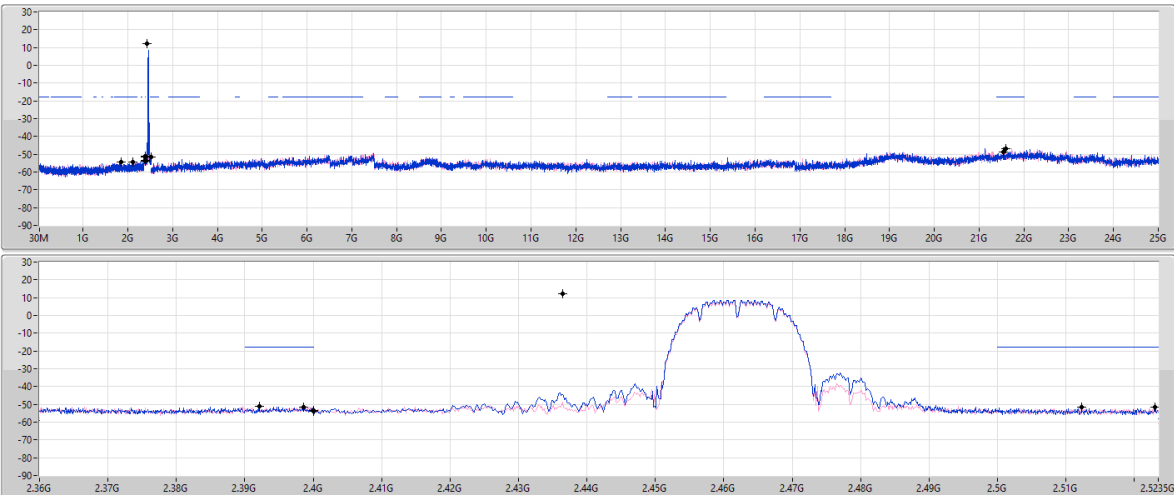
CSEndB

2462MHz

16/04/2024

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

Port 1
Port 2



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
2.43641G	12.02	-17.98	1.84391G	-54.20	2.39208G	-50.95	2.4G	-53.85	2.52302G	-51.52	21.54986G	-48.61	1
2.43641G	12.02	-17.98	2.11186G	-54.35	2.39856G	-51.72	2.4G	-53.46	2.5123G	-51.44	21.58919G	-46.83	2

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

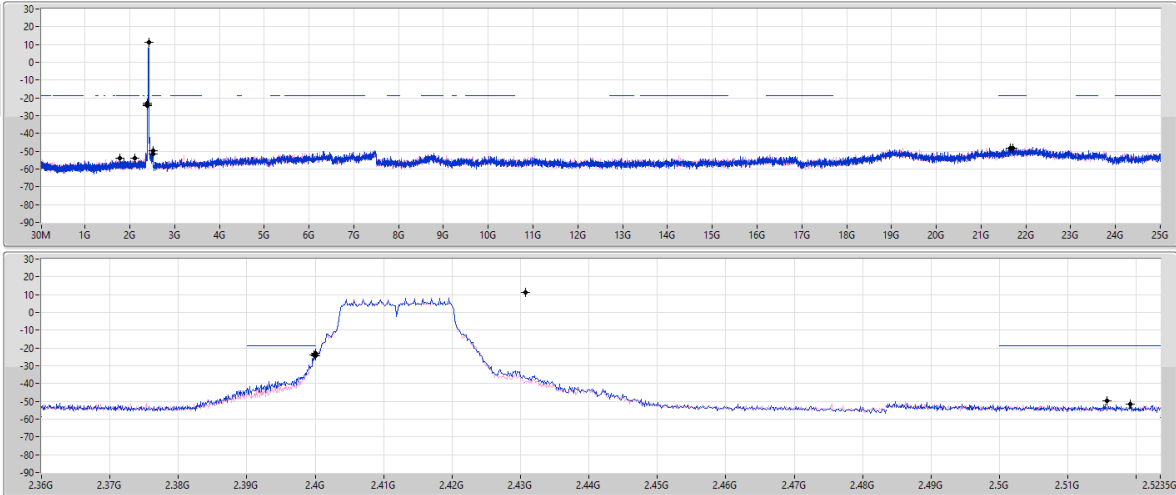
CSEndB

2412MHz

16/04/2024

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

Port 1
Port 2



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
2.4073G	11.35	-18.65	1.78566G	-53.80	2.4G	-24.22	2.4G	-22.96	2.5191G	-51.41	21.65943G	-48.15	1
2.4073G	11.35	-18.65	2.10836G	-54.07	2.39984G	-24.04	2.4G	-24.15	2.51574G	-49.59	21.71G	-48.28	2

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

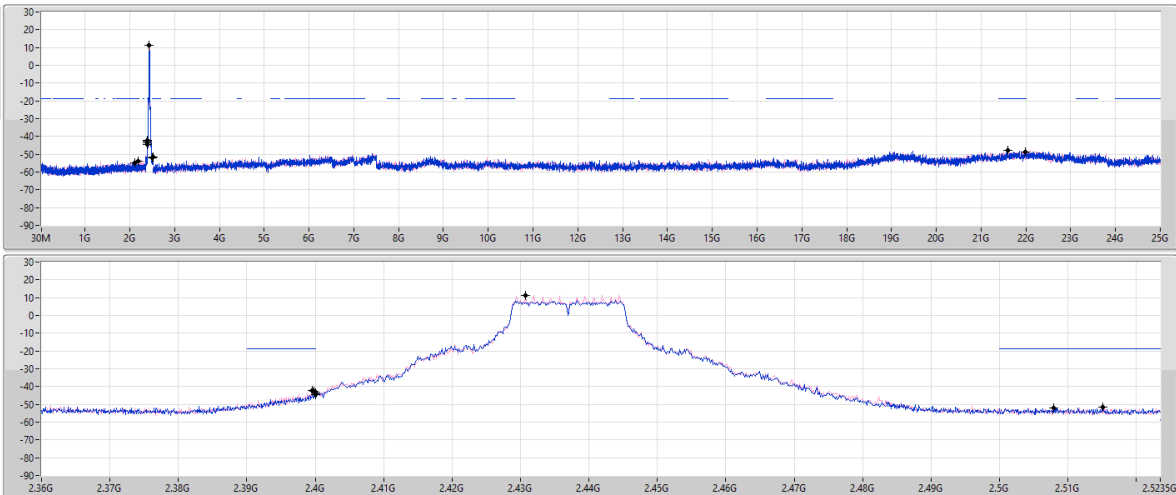
CSEndB

2437MHz

16/04/2024

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

Port 1
Port 2



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
2.4073G	11.35	-18.65	2.19108G	-53.84	2.39984G	-42.87	2.4G	-44.54	2.5151G	-51.73	21.58919G	-47.73	1
2.4073G	11.35	-18.65	2.11885G	-54.80	2.3996G	-42.19	2.4G	-43.49	2.5079G	-52.02	21.99096G	-48.60	2

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

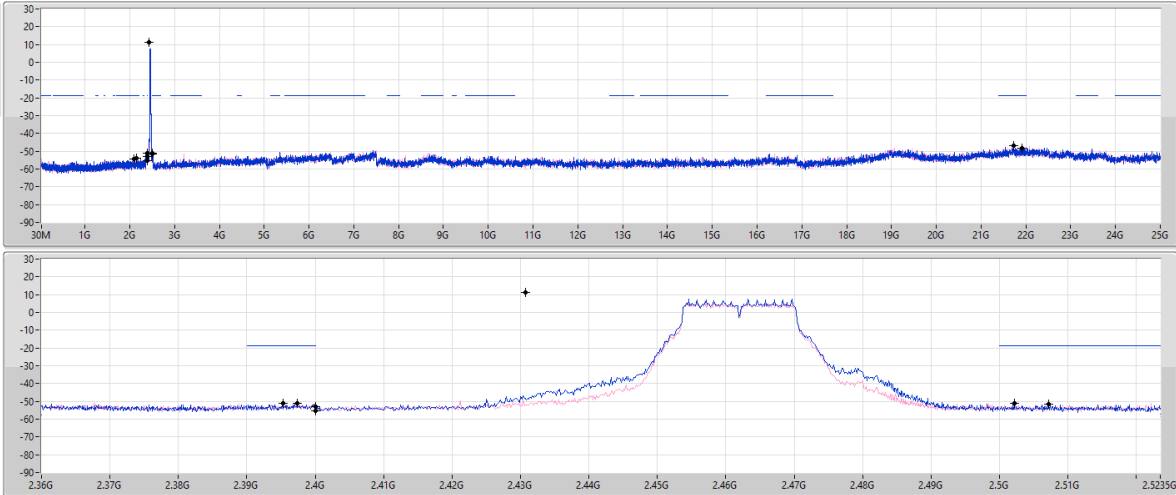
CSEndB

2462MHz

16/04/2024

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.35	-18.65	2.08739G	-54.17	2.39528G	-50.99	2.4G	-52.87	2.50718G	-51.64	2.172686G	-46.67	1
2.43073G	11.35	-18.65	2.1538G	-53.70	2.39736G	-51.28	2.4G	-55.45	2.50222G	-51.00	2.192072G	-48.06	2

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

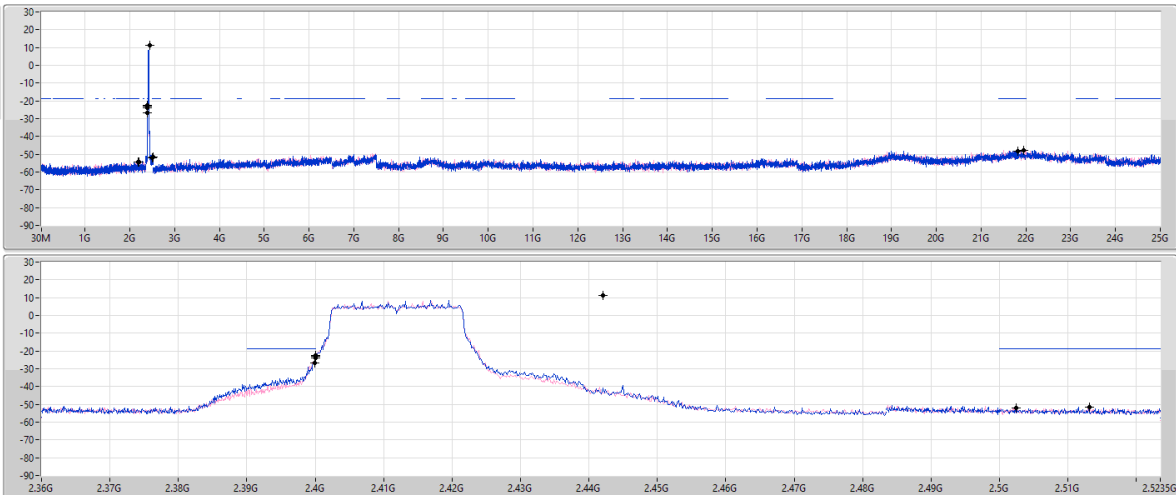
CSEndB

2412MHz

16/04/2024

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

Port 1
Port 2



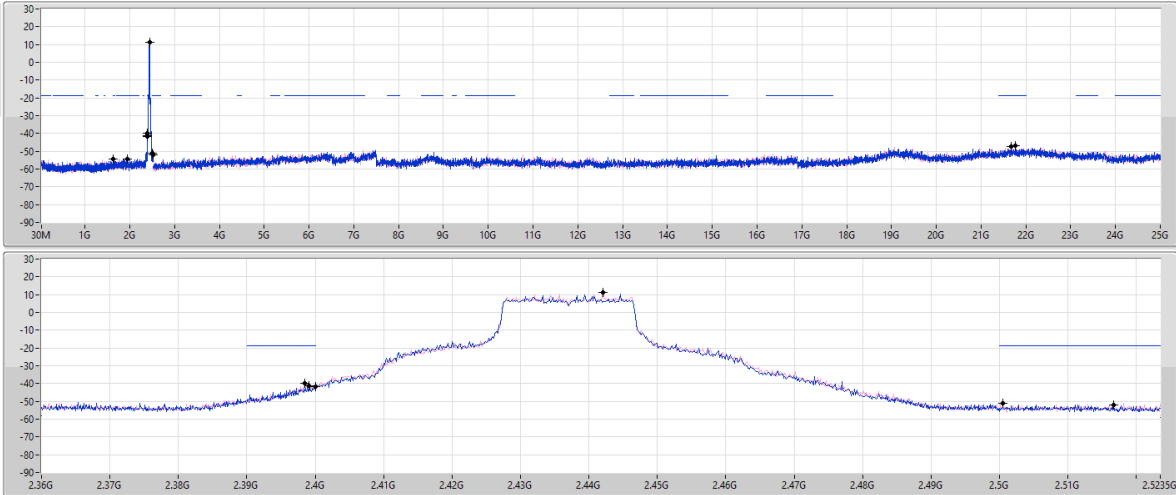
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	11.06	-18.94	2.18409G	-54.52	2.39992G	-26.64	2.4G	-23.11	2.5131G	-51.63	2.181677G	-48.21	1
2.44208G	11.06	-18.94	2.1969G	-54.19	2.4G	-22.34	2.4G	-23.71	2.50246G	-52.22	2.194601G	-47.76	2

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

CSEndB

2437MHz

16/04/2024

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

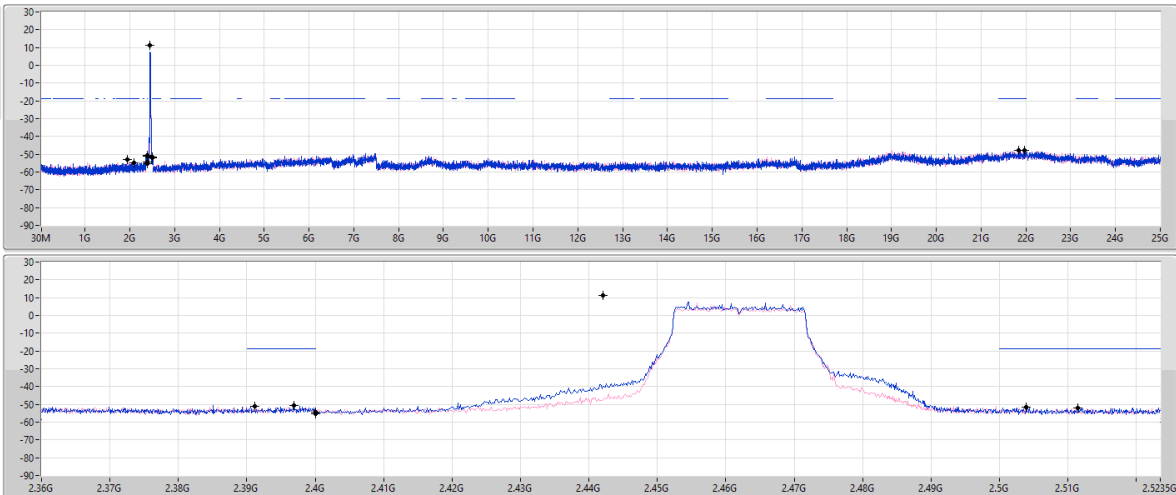
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2.44208G	11.06	-18.94	1.63421G	-54.51	2.39912G	-41.32	2.4G	-41.63	2.5167G	-51.86	21.76619G	-46.80	1
2.44208G	11.06	-18.94	1.94643G	-54.22	2.39848G	-39.62	2.4G	-41.56	2.50054G	-50.98	21.6791G	-47.19	2

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

CSEndB

2462MHz

16/04/2024

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

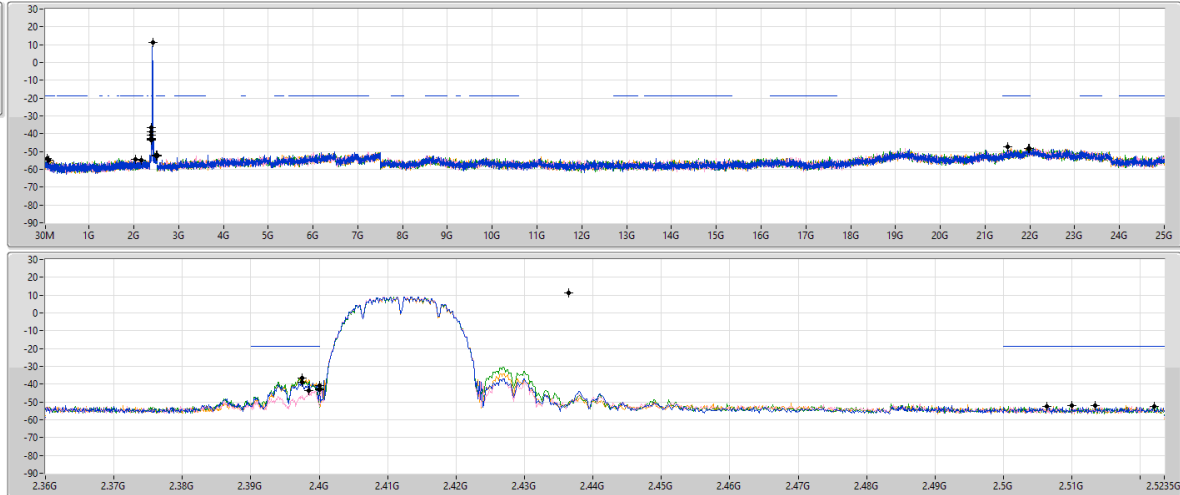
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	11.06	-18.94	2.08739G	-55.05	2.39688G	-50.76	2.4G	-54.51	2.5115G	-51.85	21.97891G	-47.94	1
2.44208G	11.06	-18.94	1.94876G	-53.00	2.3912G	-51.04	2.4G	-55.20	2.5039G	-51.54	21.83924G	-47.89	2

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

CSEndB

2412MHz

22/03/2024

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

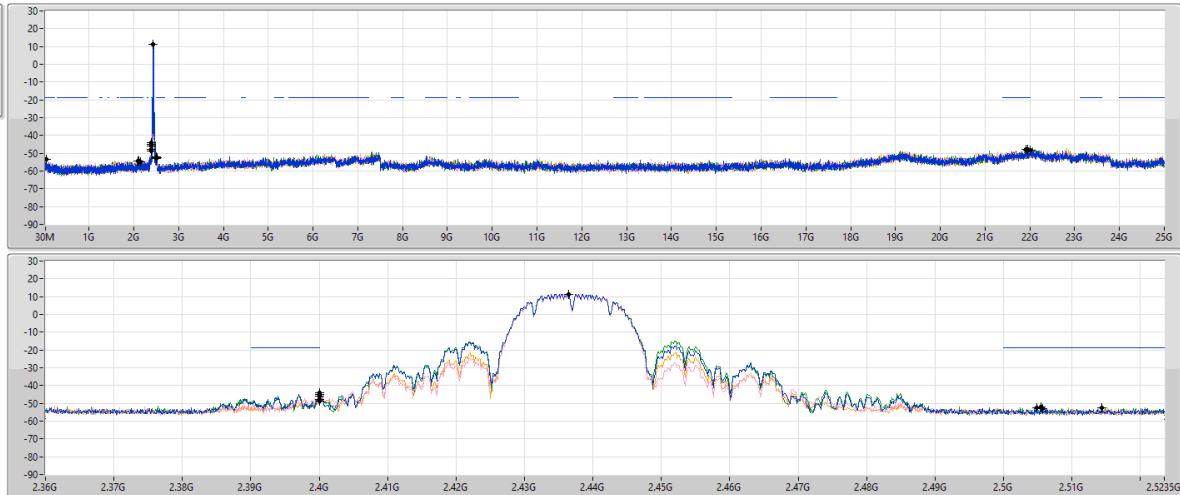
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	11.37	-18.63	2.03963G	-54.43	2.39752G	-39.11	2.4G	-42.86	2.52198G	-52.47	21.98534G	-48.41	1
2.43641G	11.37	-18.63	59.13M	-54.09	2.39848G	-43.73	2.4G	-42.97	2.50998G	-52.12	21.98534G	-48.39	2
2.43641G	11.37	-18.63	104.56M	-54.62	2.39752G	-36.74	2.4G	-43.04	2.5063G	-52.37	21.97891G	-48.37	3
2.43641G	11.37	-18.63	2.15962G	-54.77	2.39752G	-36.41	2.4G	-40.96	2.51334G	-51.86	21.49648G	-47.24	4

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

CSEndB

2437MHz

22/03/2024

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

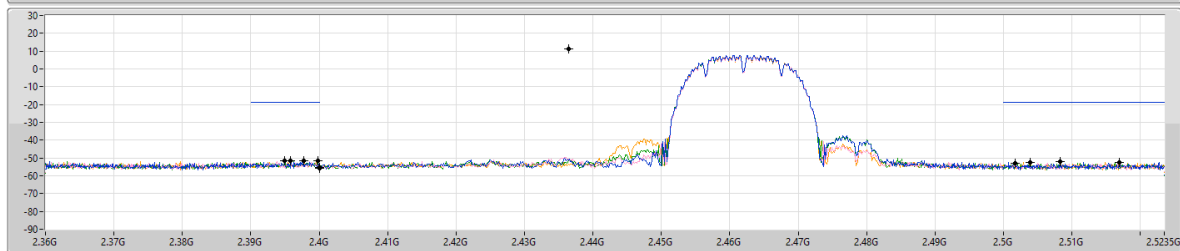
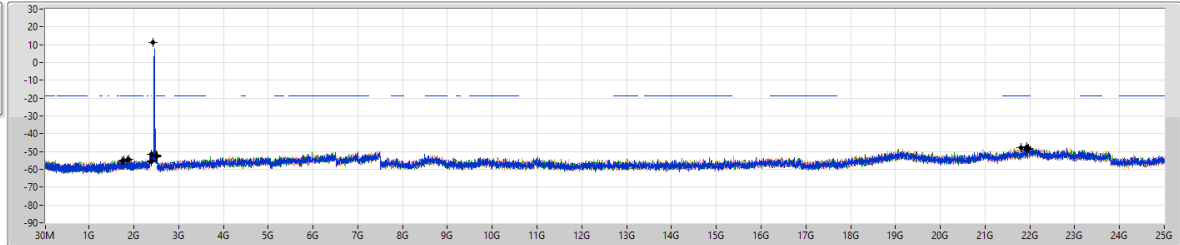
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	11.37	-18.63	2.1538G	-54.69	2.4G	-44.99	2.4G	-45.91	2.51438G	-52.65	21.90667G	-47.73	1
2.43641G	11.37	-18.63	2.08739G	-54.37	2.4G	-45.22	2.4G	-45.88	2.50574G	-53.09	21.95162G	-47.96	2
2.43641G	11.37	-18.63	2.12001G	-54.29	2.4G	-43.90	2.4G	-44.77	2.50486G	-52.41	21.95443G	-48.41	3
2.43641G	11.37	-18.63	40.49M	-53.67	2.4G	-47.93	2.4G	-48.83	2.5055G	-52.09	22.00782G	-48.28	4

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

CSEndB

2462MHz

22/03/2024

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

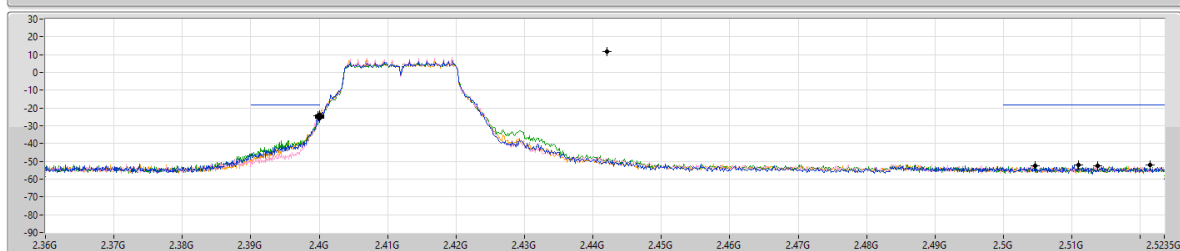
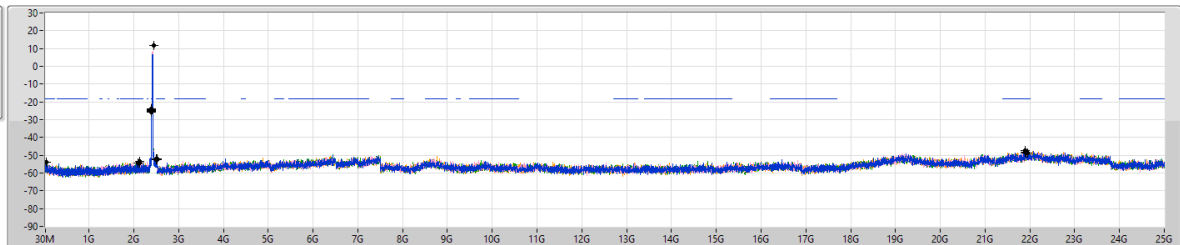
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	11.37	-18.63	1.77867G	-54.68	2.39584G	-51.64	2.4G	-55.17	2.51694G	-52.49	21.96848G	-48.27	1
2.43641G	11.37	-18.63	1.85672G	-54.61	2.39776G	-51.58	2.4G	-55.85	2.50174G	-52.84	21.93759G	-48.65	2
2.43641G	11.37	-18.63	1.73207G	-55.09	2.39978G	-51.76	2.4G	-55.47	2.5083G	-52.22	21.81115G	-47.84	3
2.43641G	11.37	-18.63	1.89167G	-54.38	2.39496G	-51.41	2.4G	-55.51	2.5039G	-52.58	21.93196G	-47.46	4

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

CSEndB

2412MHz

22/03/2024

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

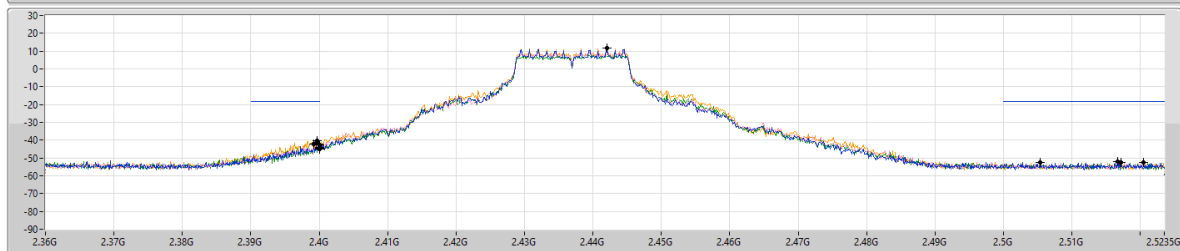
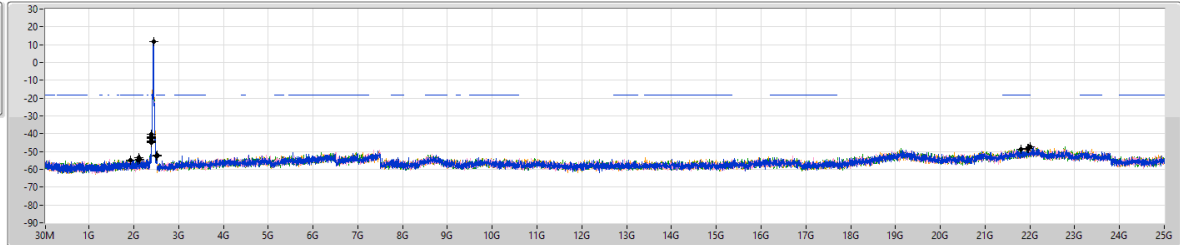
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	11.79	-18.21	2.08856G	-54.58	2.4G	-25.95	2.4G	-24.83	2.51094G	-52.13	21.91229G	-48.59	1
2.44208G	11.79	-18.21	2.12584G	-54.60	2.39984G	-24.42	2.4G	-24.44	2.52142G	-51.98	21.89262G	-47.23	2
2.44208G	11.79	-18.21	2.12584G	-53.67	2.4G	-25.70	2.4G	-25.76	2.50482G	-52.54	21.89443G	-48.67	3
2.44208G	11.79	-18.21	40.49M	-54.13	2.4G	-25.37	2.4G	-24.11	2.51374G	-52.53	21.89543G	-48.22	4

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

CSEndB

2437MHz

22/03/2024

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

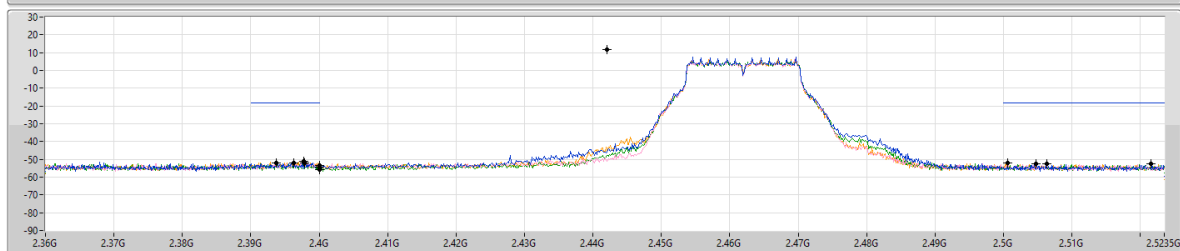
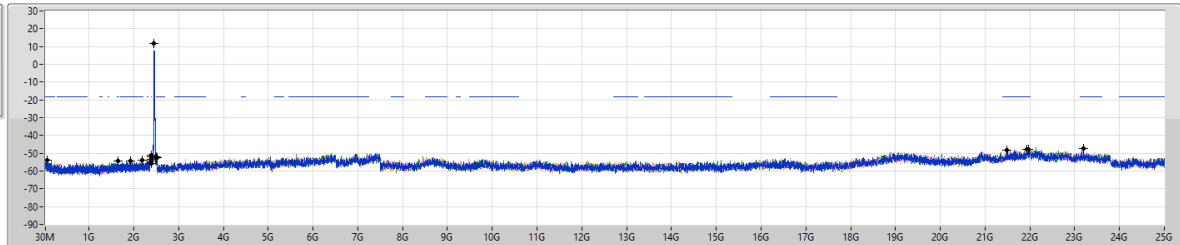
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	11.79	-18.21	2.10836G	-53.58	2.39992G	-42.35	2.4G	-44.72	2.5167G	-52.17	21.94601G	-48.10	1
2.44208G	11.79	-18.21	2.12933G	-54.33	2.39952G	-41.72	2.4G	-43.88	2.52046G	-52.59	21.96848G	-48.36	2
2.44208G	11.79	-18.21	2.09205G	-54.61	2.3992G	-42.04	2.4G	-45.08	2.51718G	-52.72	21.80553G	-48.73	3
2.44208G	11.79	-18.21	1.91847G	-55.07	2.39968G	-40.36	2.4G	-42.72	2.50542G	-52.57	21.99939G	-47.30	4

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

CSEndB

2462MHz

22/03/2024

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

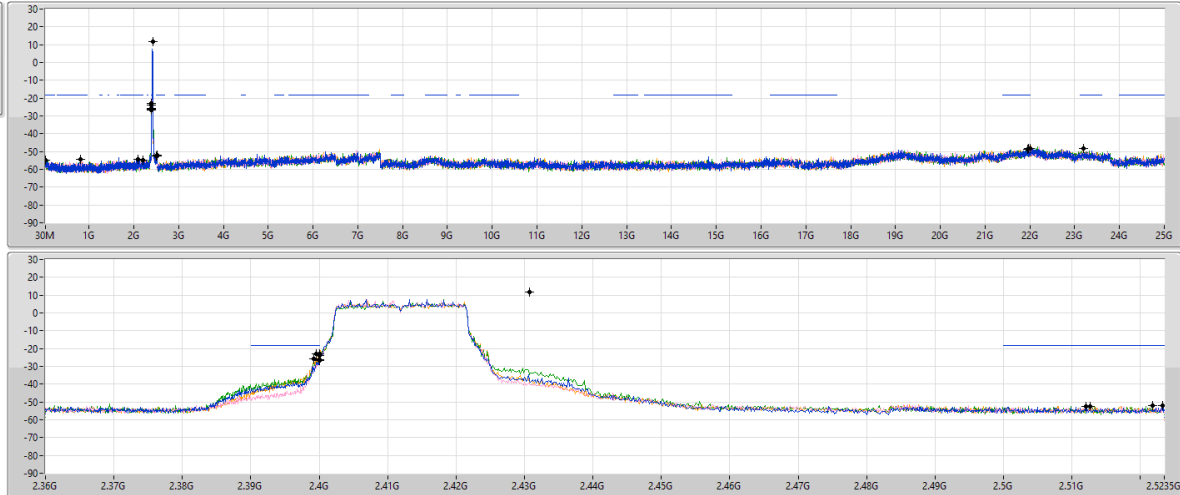
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	11.79	-18.21	63.79M	-53.89	2.39784G	-51.90	2.4G	-53.60	2.52198G	-52.68	21.97129G	-47.90	1
2.44208G	11.79	-18.21	1.92546G	-54.23	2.39624G	-52.07	2.4G	-55.68	2.50062G	-52.15	23.18783G	-47.46	2
2.44208G	11.79	-18.21	1.65401G	-54.47	2.39376G	-52.07	2.4G	-54.43	2.5063G	-52.72	21.49367G	-48.29	3
2.44208G	11.79	-18.21	2.19108G	-54.08	2.39768G	-51.15	2.4G	-53.65	2.5047G	-52.49	21.94039G	-47.59	4

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

CSEndB

2412MHz

22/03/2024

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

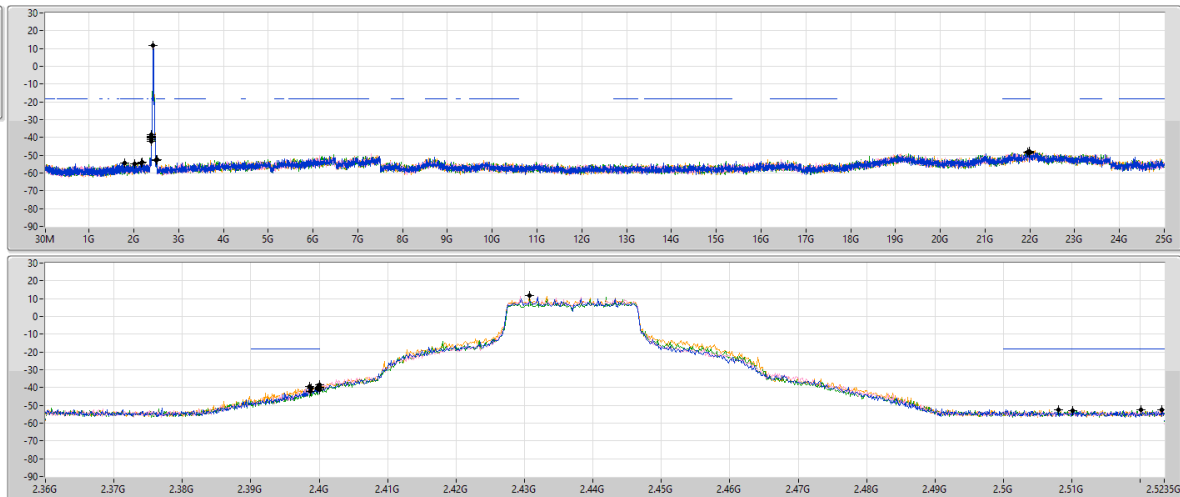
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.60	-18.40	804.73M	-54.54	2.4G	-26.36	2.4G	-26.29	2.51206G	-52.63	21.94882G	-48.96	1
2.43073G	11.60	-18.40	2.10137G	-54.47	2.4G	-23.71	2.4G	-26.61	2.51262G	-52.46	21.96848G	-48.48	2
2.43073G	11.60	-18.40	2.19923G	-54.91	2.3992G	-25.98	2.4G	-26.12	2.52326G	-52.15	23.19345G	-48.16	3
2.43073G	11.60	-18.40	33.5M	-54.93	2.39952G	-22.90	2.4G	-22.99	2.52182G	-51.83	22.0022G	-48.49	4

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

CSEndB

2437MHz

22/03/2024

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

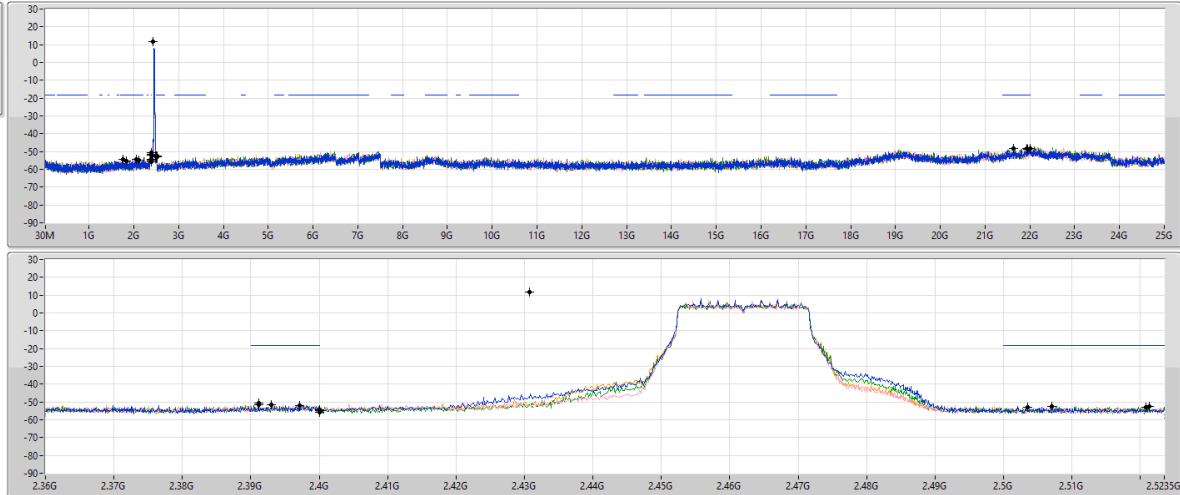
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	11.60	-18.40	2.19341G	-54.12	2.39968G	-40.30	2.4G	-39.72	2.52318G	-52.42	21.94882G	-48.08	1
2.43073G	11.60	-18.40	2.1771G	-54.49	2.3988G	-40.46	2.4G	-40.43	2.51006G	-53.16	21.97972G	-48.52	2
2.43073G	11.60	-18.40	2.0105G	-54.88	2.39872G	-42.16	2.4G	-41.04	2.50806G	-52.45	21.99377G	-47.80	3
2.43073G	11.60	-18.40	1.8043G	-54.33	2.39856G	-39.36	2.4G	-38.53	2.52014G	-52.43	21.99658G	-48.42	4

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

CSEndB

2462MHz

22/03/2024

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

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43741G	14.57	-15.43	483.19M	-52.11	2.39856G	-19.00	2.4G	-25.06	2.52222G	-50.89	16.44207G	-45.06	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.4319G	12.88	-17.12	1.8707G	-51.50	2.3992G	-19.64	2.4G	-18.34	2.52254G	-50.44	16.44488G	-44.47	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43323G	11.47	-18.53	442.41M	-52.67	2.39968G	-24.56	2.4G	-24.41	2.50286G	-50.60	16.97589G	-44.97	1

Result

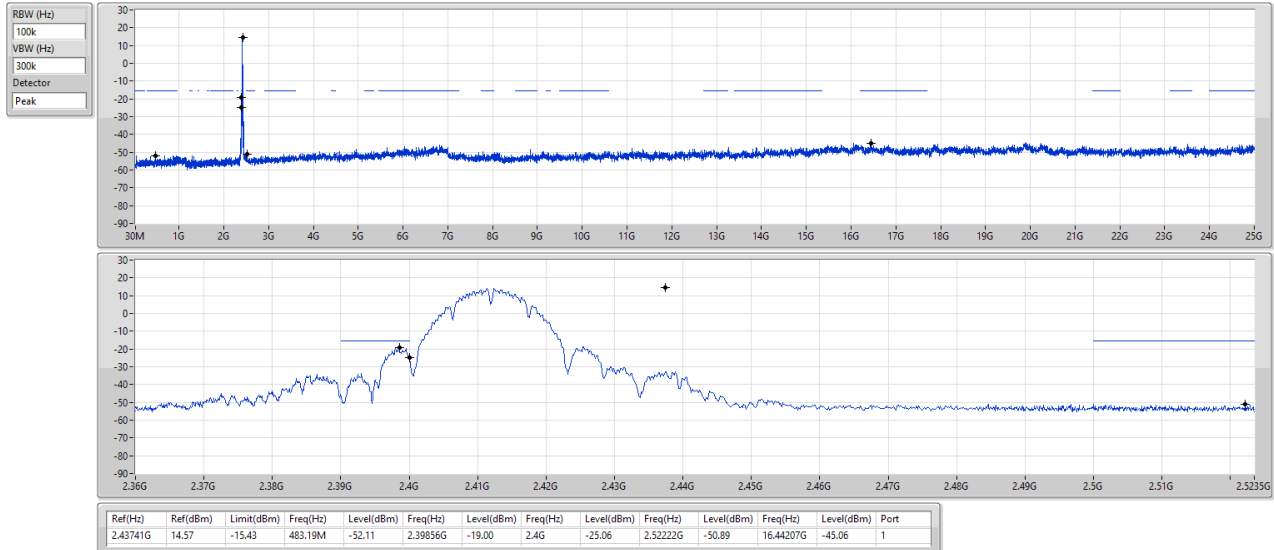
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43741G	14.57	-15.43	483.19M	-52.11	2.39856G	-19.00	2.4G	-25.06	2.52222G	-50.89	16.44207G	-45.06	1
2437MHz	Pass	2.43741G	14.57	-15.43	1.77634G	-51.77	2.39904G	-33.46	2.4G	-36.11	2.50054G	-46.96	24.85952G	-44.56	1
2462MHz	Pass	2.43741G	14.57	-15.43	2.30408G	-52.20	2.39984G	-50.94	2.4G	-51.98	2.50038G	-50.76	16.41398G	-45.78	1
802.11g_Nss1(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	12.88	-17.12	1.8707G	-51.50	2.3992G	-19.64	2.4G	-18.34	2.52254G	-50.44	16.44488G	-44.47	1
2437MHz	Pass	2.4319G	12.88	-17.12	223.39M	-52.03	2.39896G	-35.13	2.4G	-37.47	2.50326G	-48.66	16.79046G	-44.46	1
2462MHz	Pass	2.4319G	12.88	-17.12	2.08856G	-52.48	2.4G	-51.16	2.4G	-51.85	2.51974G	-50.36	16.80451G	-45.81	1
802.11ax HEW20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43323G	11.47	-18.53	442.41M	-52.67	2.39968G	-24.56	2.4G	-24.41	2.50286G	-50.60	16.97589G	-44.97	1
2437MHz	Pass	2.43323G	11.47	-18.53	528.62M	-52.08	2.39912G	-36.18	2.4G	-37.91	2.50038G	-48.61	16.44207G	-45.65	1
2462MHz	Pass	2.43323G	11.47	-18.53	747.64M	-51.67	2.4G	-50.81	2.4G	-52.11	2.51902G	-50.45	16.44488G	-44.68	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

04/03/2024

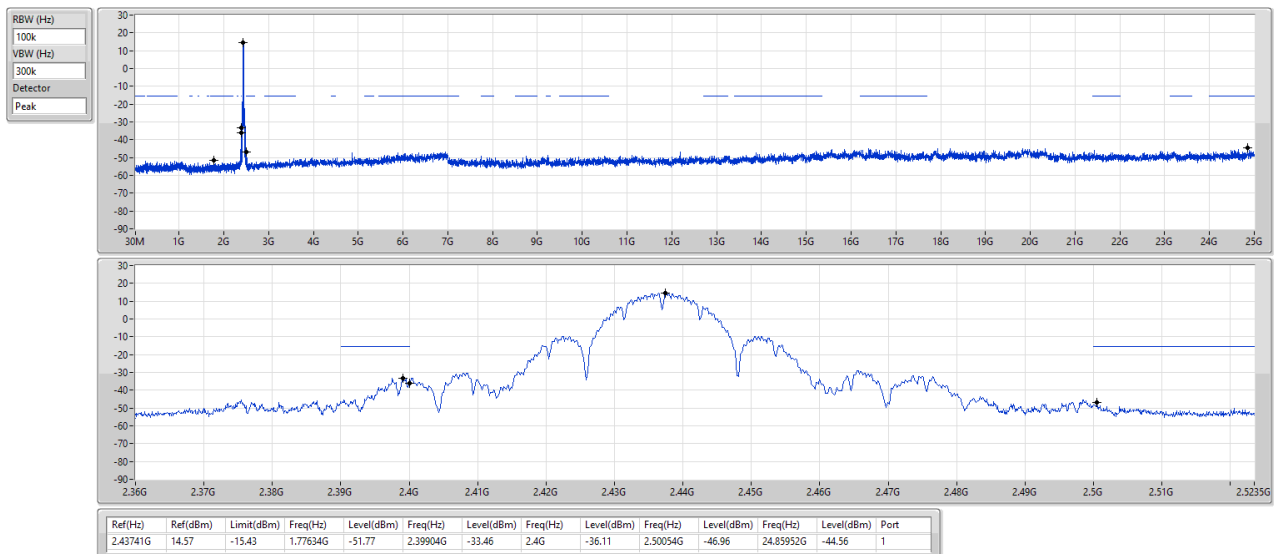


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

04/03/2024

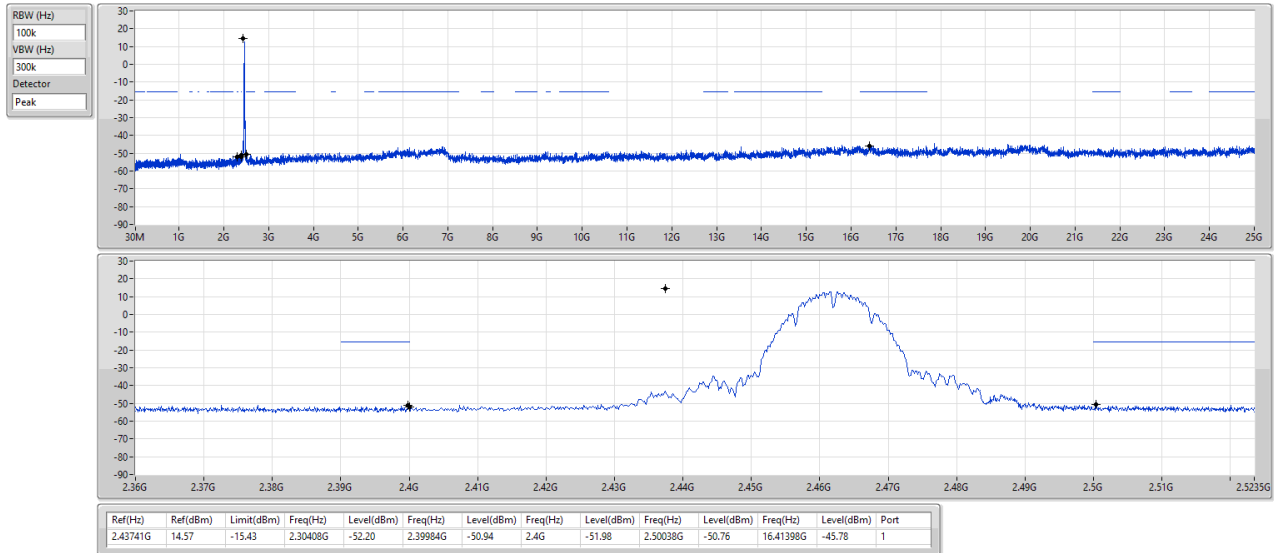


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2462MHz

04/03/2024

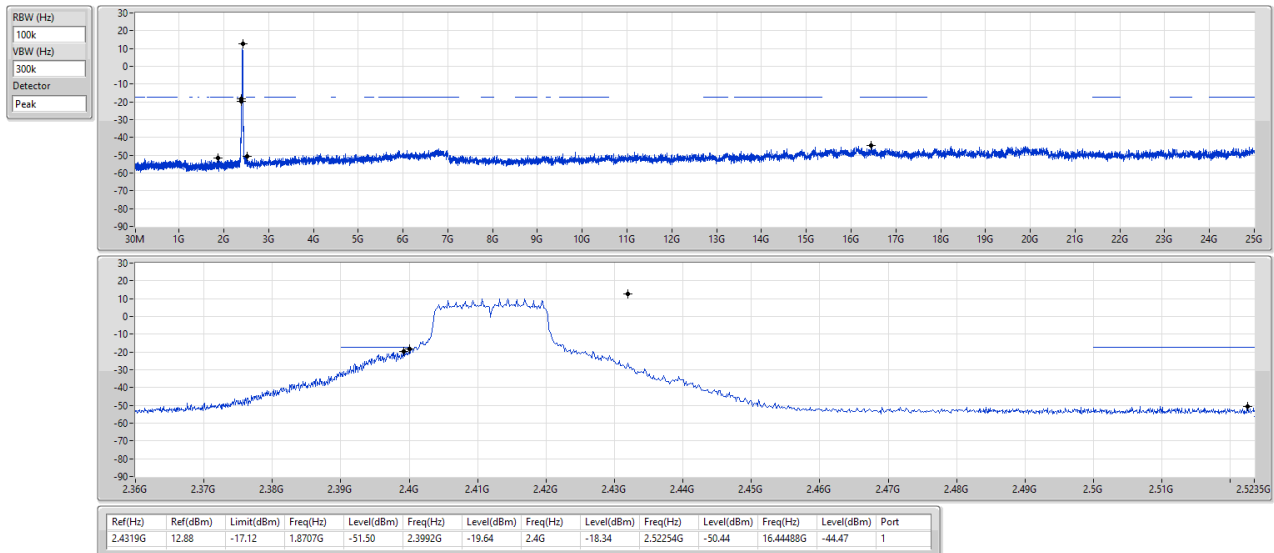


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

04/03/2024



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

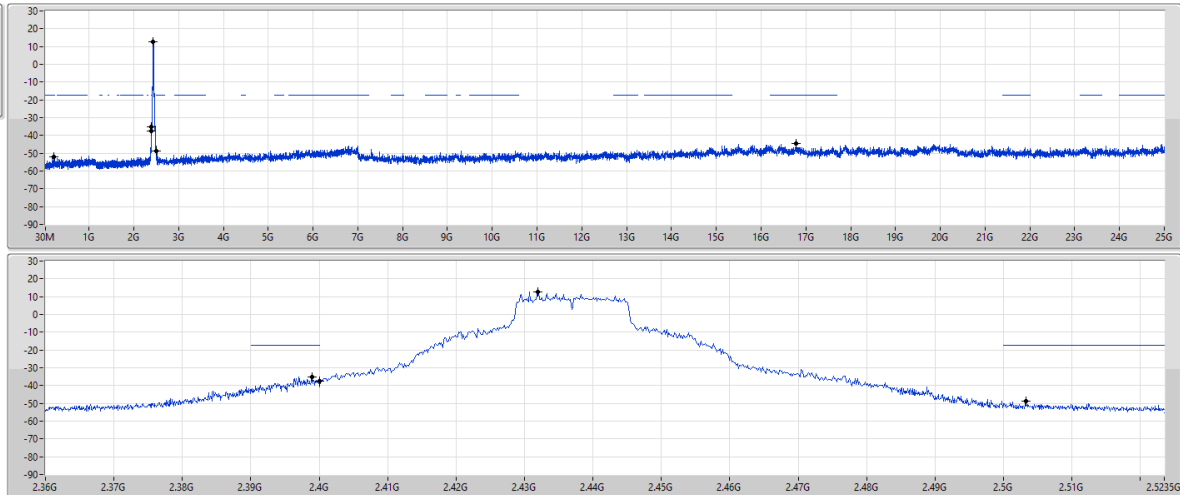
CSEndB

2437MHz

04/03/2024

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	12.88	-17.12	223.39M	-52.03	2.39896G	-35.13	2.4G	-37.47	2.50326G	-48.66	16.79046G	-44.46	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

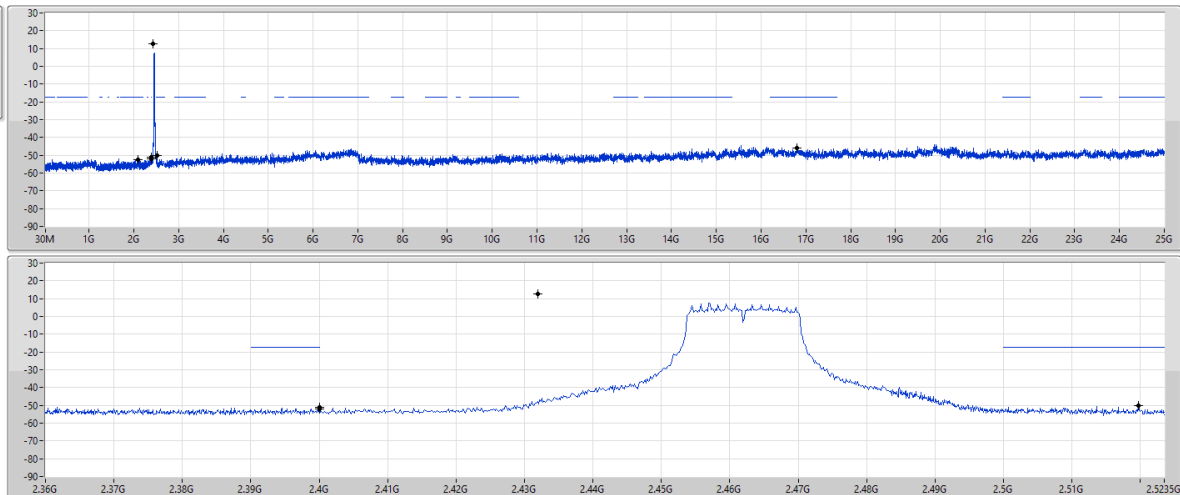
CSEndB

2462MHz

04/03/2024

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

Port 1

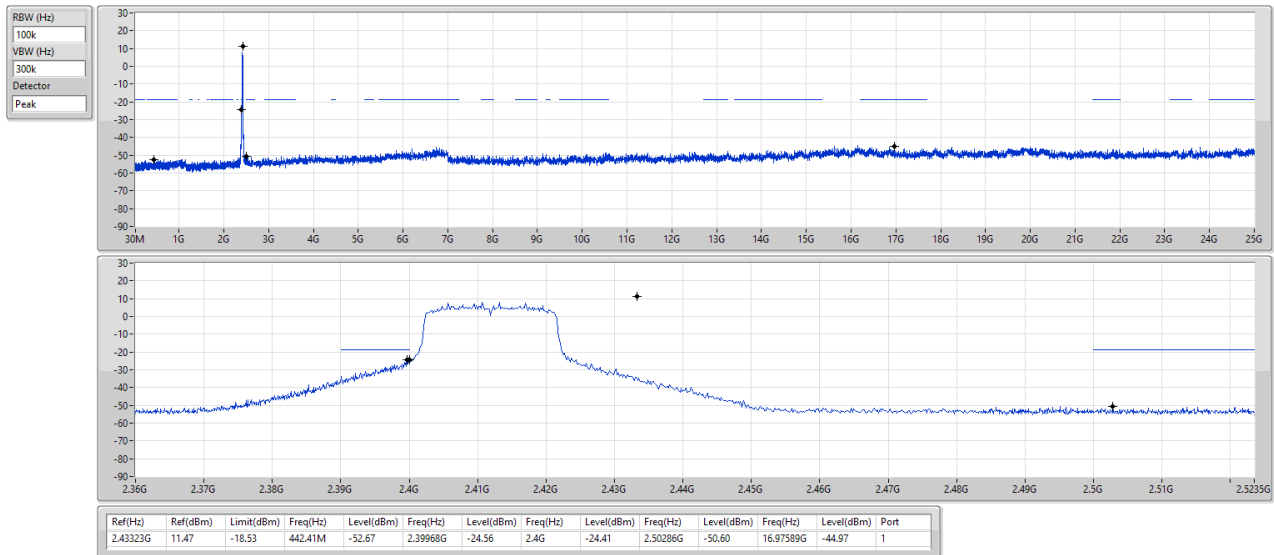


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	12.88	-17.12	2.08856G	-52.48	2.4G	-51.16	2.4G	-51.85	2.51974G	-50.36	16.80451G	-45.81	1

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSEndB

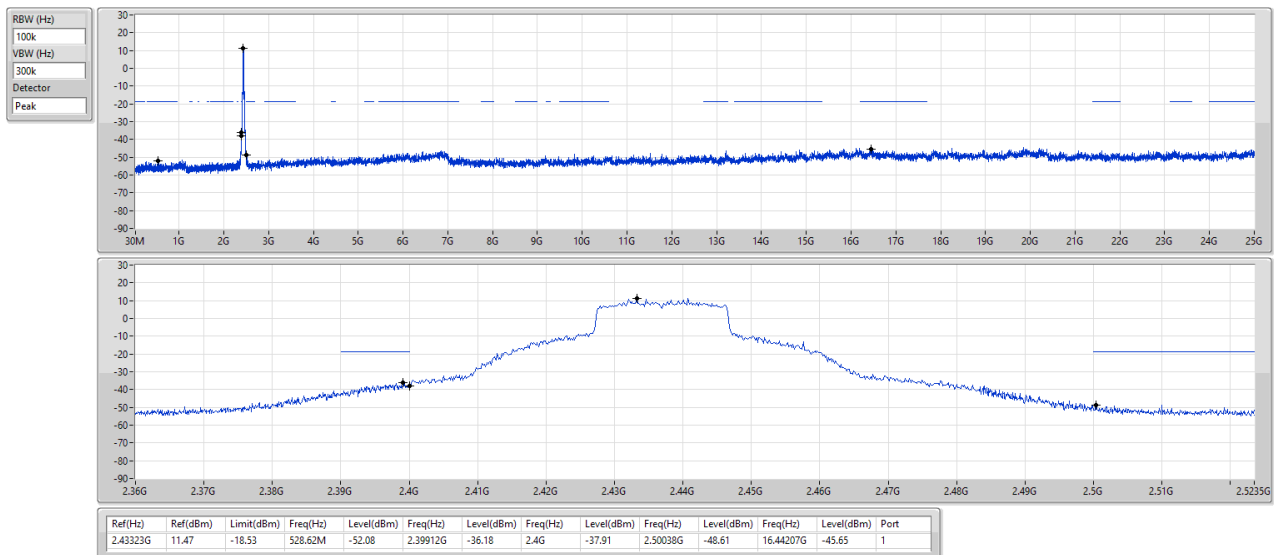
2412MHz



2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSEndB

2437MHz



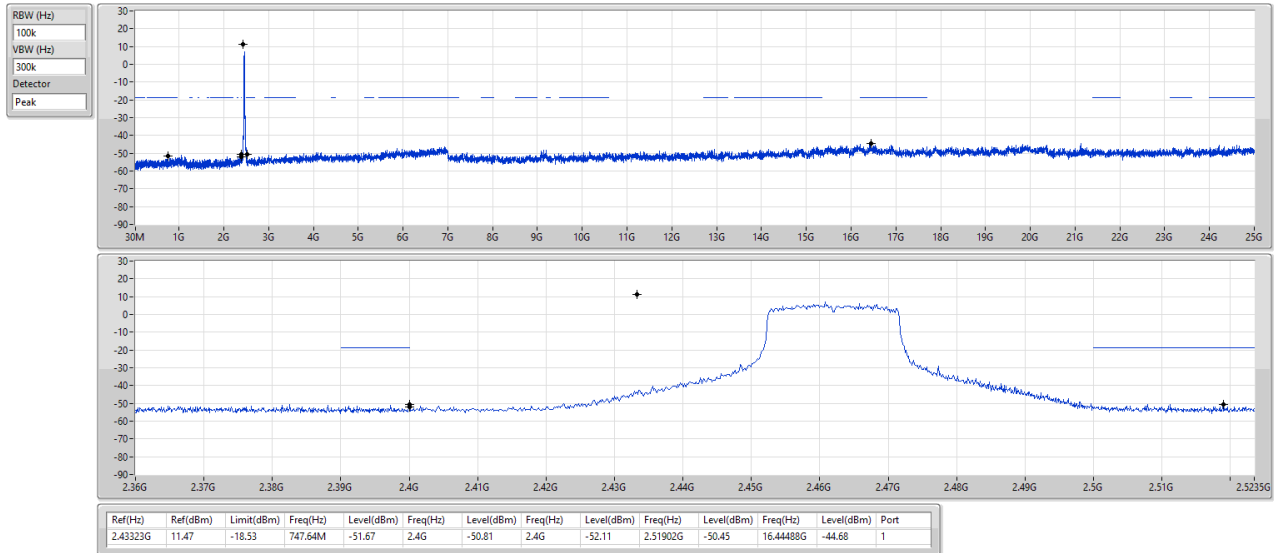
2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSEndB

2462MHz

04/03/2024

Port 1





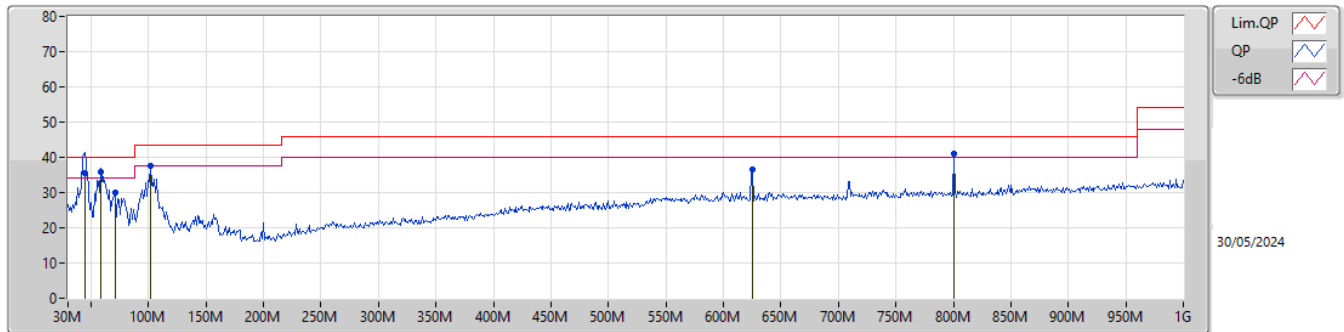
Radiated Emissions below 1GHz

Appendix F.1

Summary

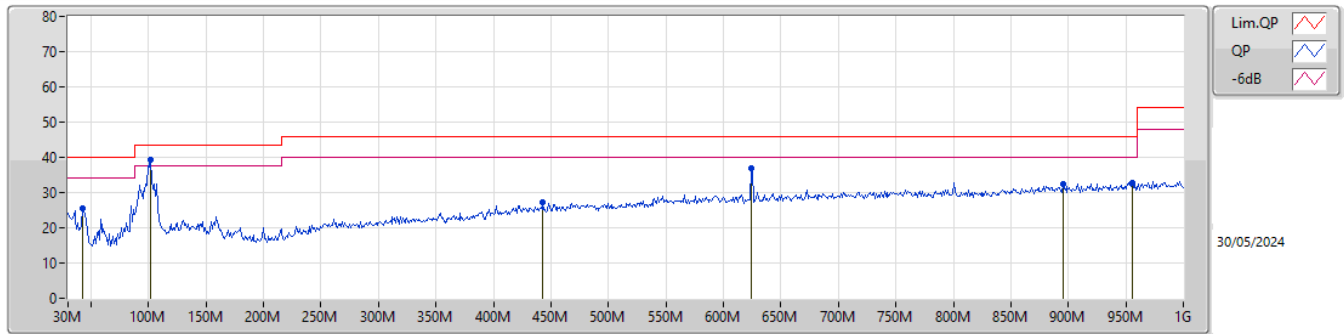
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 15	Pass	PK	101.78M	39.47	43.50	-4.03	Horizontal

Mode 15



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	44.55M	35.45	40.00	-4.55	-13.75	3	Vertical	32	1.00	-	49.20	16.63	1.22	31.60		
QP	58.13M	35.81	40.00	-4.19	-17.62	3	Vertical	358	1.00	"Worst"	53.43	12.68	1.37	31.67		
PK	70.74M	30.16	40.00	-9.84	-17.69	3	Vertical	120	1.00	-	47.85	12.51	1.50	31.70		
PK	101.78M	37.71	43.50	-5.79	-12.93	3	Vertical	188	1.50	-	50.64	17.04	1.77	31.74		
PK	625.58M	36.65	46.00	-9.35	-2.92	3	Vertical	193	1.50	-	39.57	24.64	4.72	32.28		
PK	800.18M	40.98	46.00	-5.02	-1.04	3	Vertical	182	1.00	-	42.02	25.87	5.43	32.34		

Mode 15



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	42.61M	25.66	40.00	-14.34	-12.77	3	Horizontal	267	1.50	-	38.43	17.61	1.20	31.58		
PK	101.78M	39.47	43.50	-4.03	-12.93	3	Horizontal	258	1.50	"Worst"	52.40	17.04	1.77	31.74		
PK	443.22M	27.26	46.00	-18.74	-5.67	3	Horizontal	106	1.00	-	32.93	22.45	3.91	32.03		
PK	624.61M	36.99	46.00	-9.01	-2.92	3	Horizontal	253	1.50	-	39.91	24.64	4.71	32.27		
PK	895.24M	32.58	46.00	-13.42	-0.14	3	Horizontal	144	1.00	-	32.72	26.40	5.82	32.36		
PK	955.38M	32.74	46.00	-13.26	0.39	3	Horizontal	75	1.00	-	32.35	26.70	6.00	32.31		

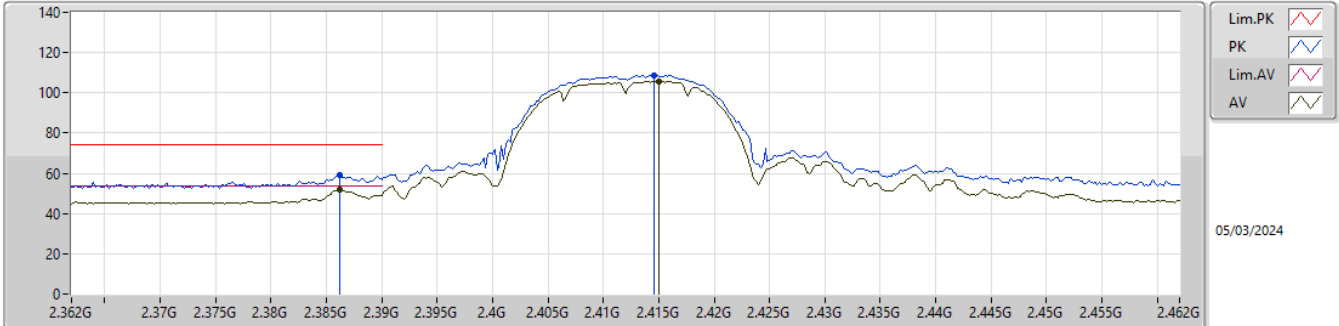


Summary

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	2.4835G	53.97	54.00	-0.03	3	Horizontal	37	2.13	19.5

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

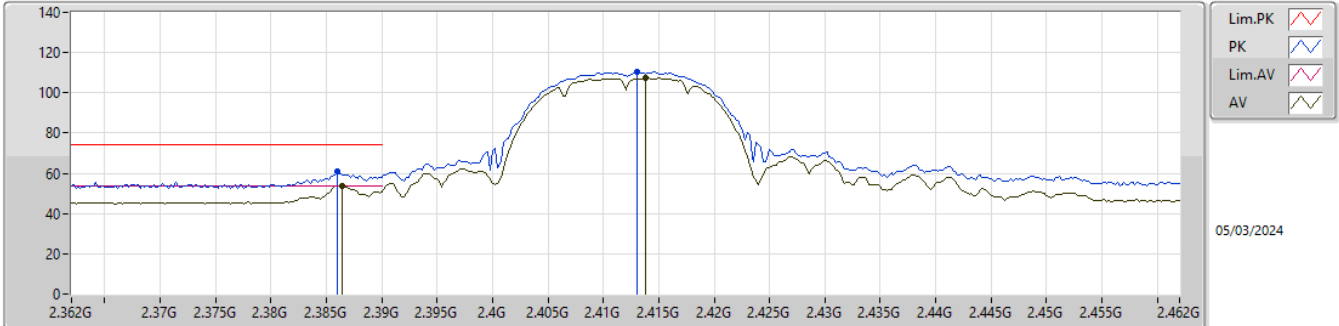


EUT_Y_1TX
SET21
01-E-S-5

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	2.3862G	58.89	74.00	-15.11	26.54	3	Vertical	334	2.90	-	27.70	4.65	-			
AV	2.3862G	51.90	54.00	-2.10	19.55	3	Vertical	334	2.90	-	27.70	4.65	-			
PK	2.4146G	108.63	Inf	-Inf	76.32	3	Vertical	334	2.90	-	27.65	4.66	-			
AV	2.415G	105.72	Inf	-Inf	73.41	3	Vertical	334	2.90	-	27.65	4.66	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

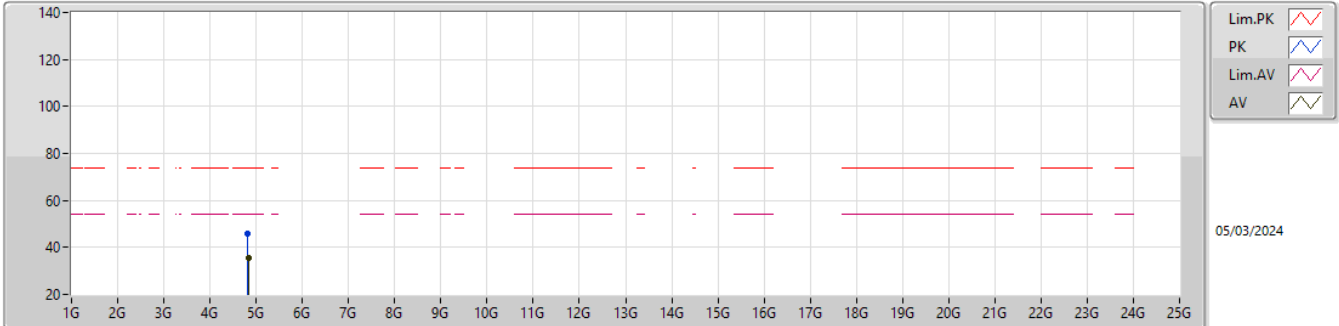


EUT_Y_1TX
SET21
01-E-S-5

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	2.386G	60.88	74.00	-13.12	28.53	3	Horizontal	40	1.80	-	27.70	4.65	-				
AV	2.3864G	53.93	54.00	-0.07	21.58	3	Horizontal	40	1.80	-	27.70	4.65	-				
PK	2.413G	110.25	Inf	-Inf	77.96	3	Horizontal	40	1.80	-	27.63	4.66	-				
AV	2.4138G	107.20	Inf	-Inf	74.90	3	Horizontal	40	1.80	-	27.64	4.66	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

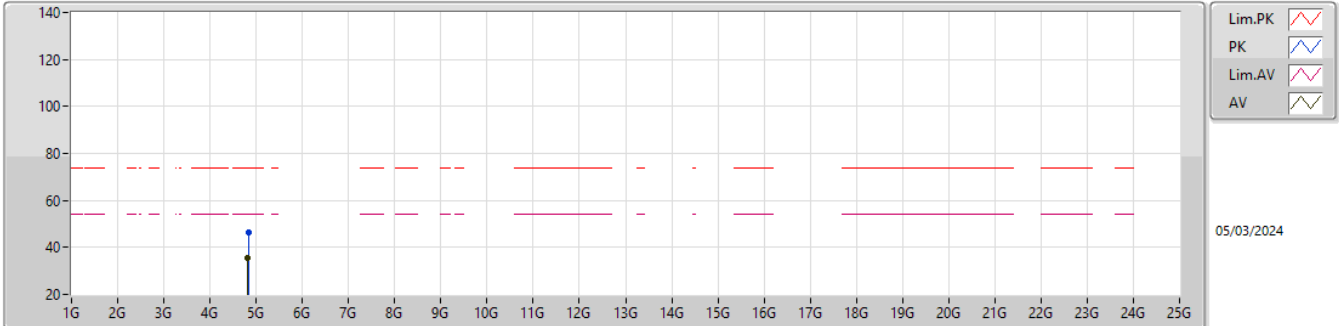


EUT_Y_1TX
SET21
01-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82056G	46.12	74.00	-27.88	40.86	3	Vertical	42	1.52	-	31.30	6.93	32.97			
AV	4.8312G	35.70	54.00	-18.30	30.43	3	Vertical	42	1.52	-	31.30	6.94	32.97			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

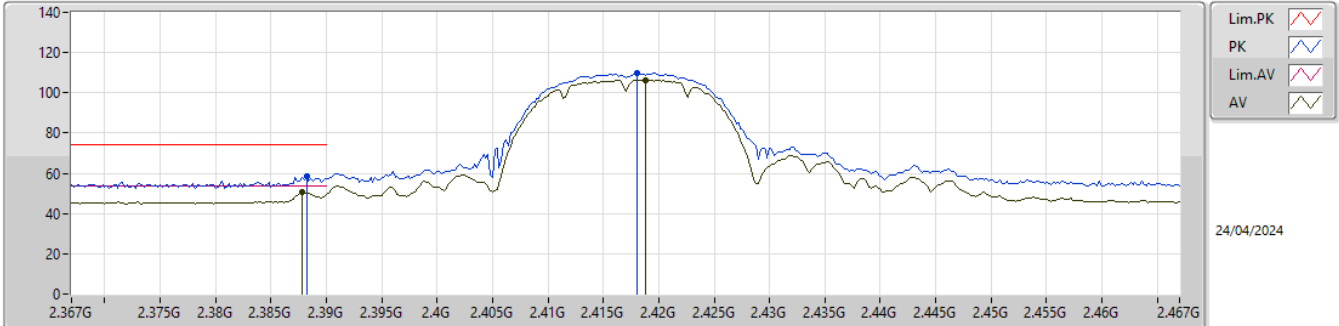


EUT_Y_1TX
SET21
01-E-S-5

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	4.83264G	46.20	74.00	-27.80	40.93	3	Horizontal	127	2.22	-	31.30	6.94	32.97			
AV	4.82076G	35.67	54.00	-18.33	30.41	3	Horizontal	127	2.22	-	31.30	6.93	32.97			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

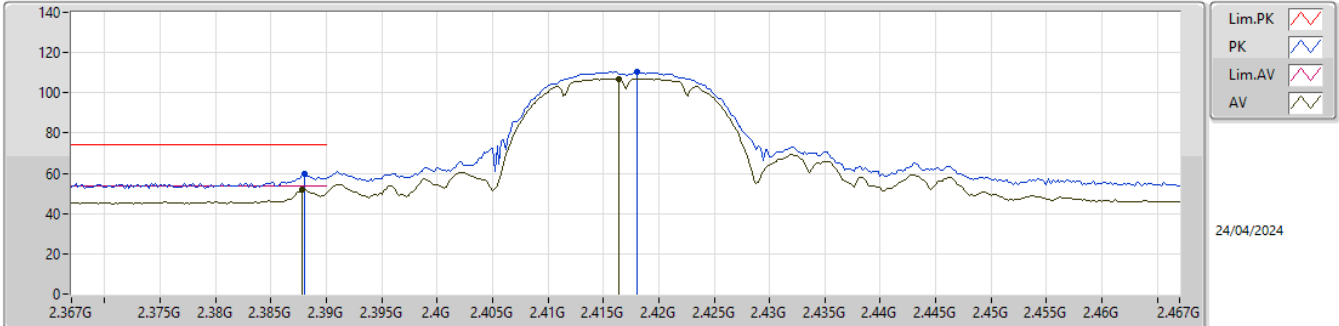


EUT_Y_1TX
SET 20.5
01-E-S-5

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	58.45	74.00	-15.55	26.10	3	Vertical	326	2.90	-	27.70	4.65	-			
AV	2.3878G	50.45	54.00	-3.55	18.10	3	Vertical	326	2.90	-	27.70	4.65	-			
PK	2.418G	109.68	Inf	-Inf	77.35	3	Vertical	326	2.90	-	27.68	4.65	-			
AV	2.4188G	106.39	Inf	-Inf	74.05	3	Vertical	326	2.90	-	27.69	4.65	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

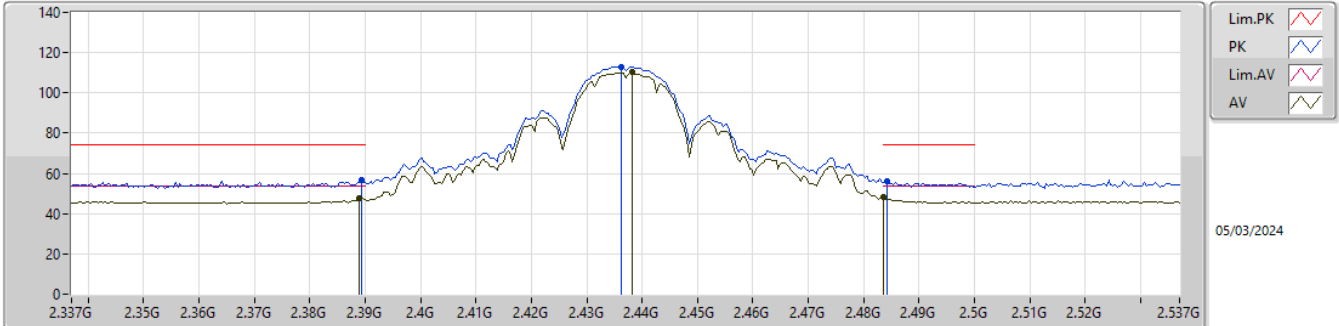


EUT_Y_1TX
SET 20.5
01-E-S-5

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	2.388G	59.56	74.00	-14.44	27.21	3	Horizontal	43	1.80	-	27.70	4.65	-			
AV	2.3878G	51.88	54.00	-2.12	19.53	3	Horizontal	43	1.80	-	27.70	4.65	-			
PK	2.418G	110.34	Inf	-Inf	78.01	3	Horizontal	43	1.80	-	27.68	4.65	-			
AV	2.4164G	107.08	Inf	-Inf	74.76	3	Horizontal	43	1.80	-	27.66	4.66	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

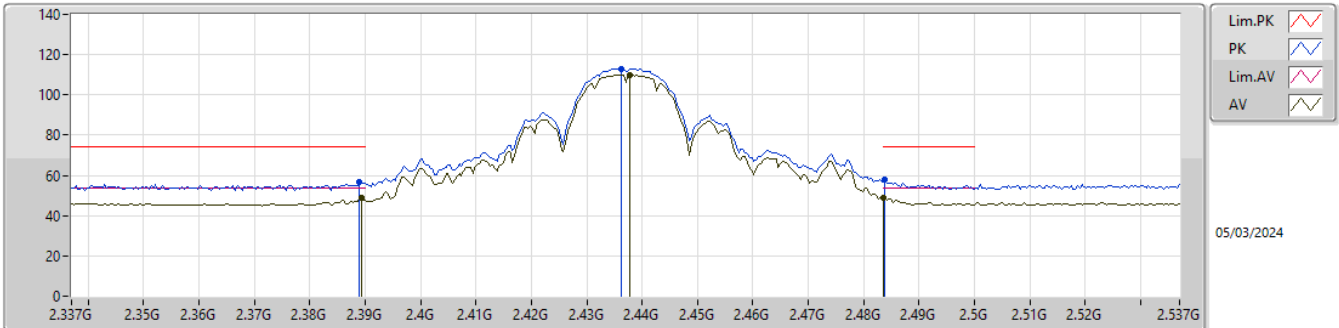


EUT_Y_1TX
Setting 24
01-E-S-5

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	2.3894G	56.43	74.00	-17.57	24.08	3	Vertical	326	2.90	-	27.70	4.65	-				
AV	2.389G	47.77	54.00	-6.23	15.42	3	Vertical	326	2.90	-	27.70	4.65	-				
PK	2.4362G	113.06	Inf	-Inf	80.88	3	Vertical	326	2.90	-	27.54	4.64	-				
AV	2.4382G	110.19	Inf	-Inf	78.03	3	Vertical	326	2.90	-	27.52	4.64	-				
PK	2.4842G	56.01	74.00	-17.99	23.91	3	Vertical	326	2.90	-	27.50	4.60	-				
AV	2.4835G	48.03	54.00	-5.97	15.93	3	Vertical	326	2.90	-	27.50	4.60	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

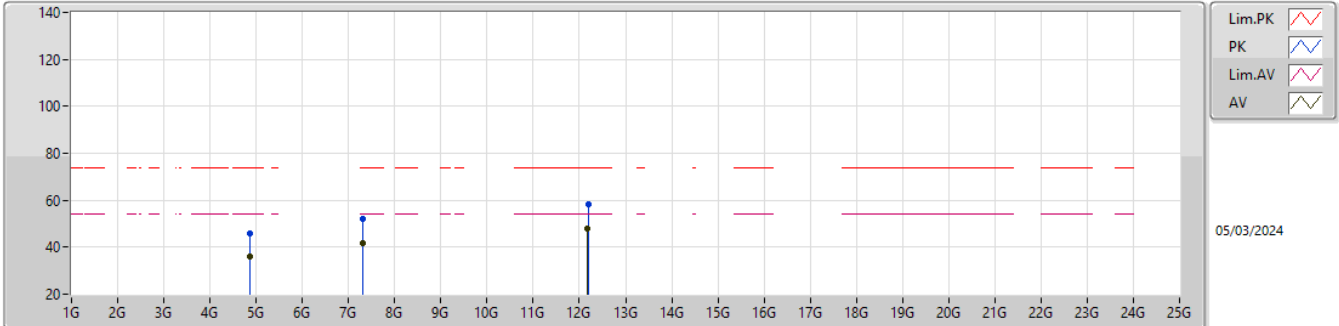


EUT_Y_1TX
Setting 24
01-E-S-5

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	56.63	74.00	-17.37	24.28	3	Horizontal	42	1.80	-	27.70	4.65	-			
AV	2.3894G	48.72	54.00	-5.28	16.37	3	Horizontal	42	1.80	-	27.70	4.65	-			
PK	2.4362G	113.07	Inf	-Inf	80.89	3	Horizontal	42	1.80	-	27.54	4.64	-			
AV	2.4378G	109.86	Inf	-Inf	77.70	3	Horizontal	42	1.80	-	27.52	4.64	-			
PK	2.4838G	58.21	74.00	-15.79	26.11	3	Horizontal	42	1.80	-	27.50	4.60	-			
AV	2.4835G	48.86	54.00	-5.14	16.76	3	Horizontal	42	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

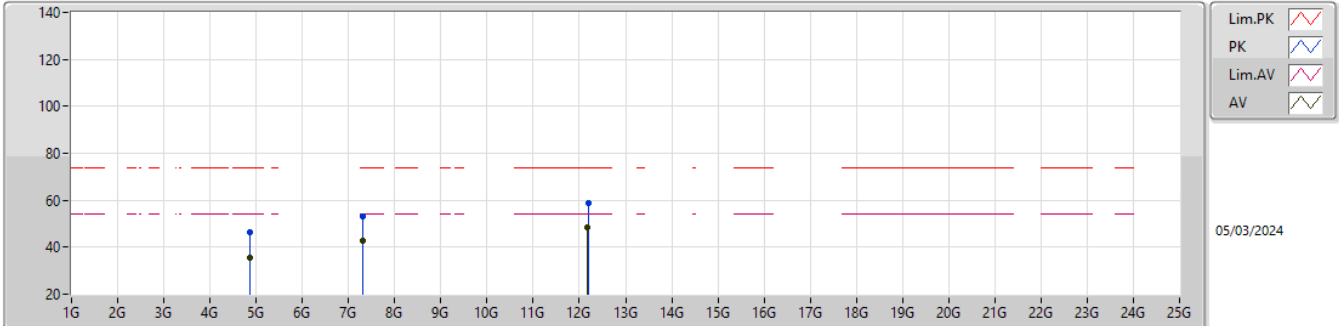


EUT_Y_1TX
Setting 24
01-E-S-5

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	4.86508G	46.08	74.00	-27.92	40.76	3	Vertical	327	2.76	-	31.30	6.98	32.96			
AV	4.8664G	36.01	54.00	-17.99	30.69	3	Vertical	327	2.76	-	31.30	6.98	32.96			
PK	7.30676G	52.26	74.00	-21.74	40.47	3	Vertical	56	1.36	-	36.27	8.62	33.10			
AV	7.31244G	41.89	54.00	-12.11	30.12	3	Vertical	56	1.36	-	36.25	8.62	33.10			
PK	12.19112G	58.50	74.00	-15.50	40.44	3	Vertical	95	1.70	-	39.14	11.19	32.27			
AV	12.1802G	48.14	54.00	-5.86	30.05	3	Vertical	95	1.70	-	39.18	11.19	32.28			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

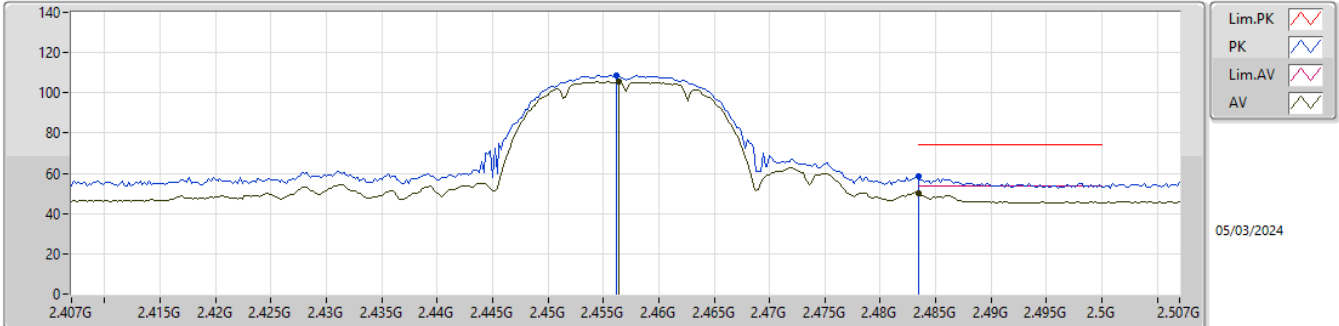


EUT_Y_1TX
Setting 24
01-E-S-5

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	4.86648G	46.55	74.00	-27.45	41.23	3	Horizontal	300	2.66	-	31.30	6.98	32.96			
AV	4.87168G	35.75	54.00	-18.25	30.43	3	Horizontal	300	2.66	-	31.30	6.98	32.96			
PK	7.30592G	53.33	74.00	-20.67	41.53	3	Horizontal	226	1.79	-	36.28	8.62	33.10			
AV	7.3034G	42.61	54.00	-11.39	30.81	3	Horizontal	226	1.79	-	36.29	8.61	33.10			
PK	12.1934G	58.89	74.00	-15.11	40.83	3	Horizontal	281	1.85	-	39.13	11.19	32.26			
AV	12.18376G	48.29	54.00	-5.71	30.21	3	Horizontal	281	1.85	-	39.16	11.19	32.27			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

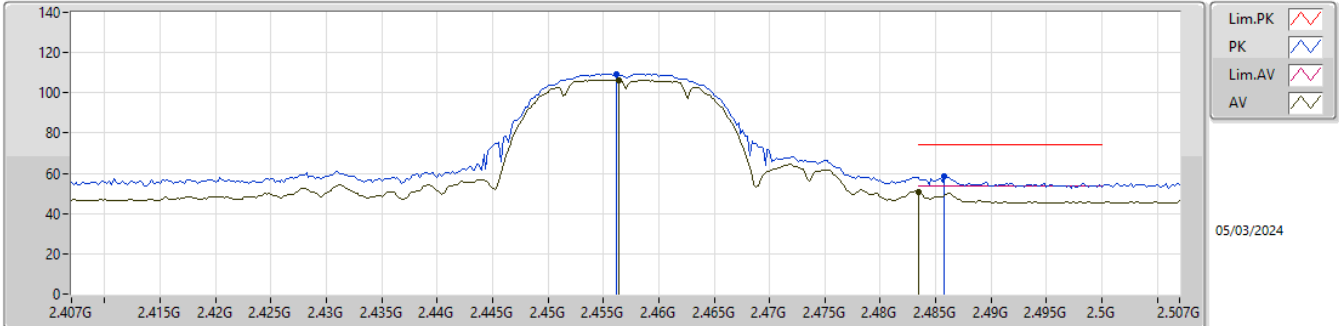


EUT_Y_1TX
SET 19.5
01-E-S-5

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	2.4562G	108.44	Inf	-Inf	76.38	3	Vertical	324	2.90	-	27.44	4.62	-				
AV	2.4564G	105.46	Inf	-Inf	73.40	3	Vertical	324	2.90	-	27.44	4.62	-				
PK	2.4835G	58.31	74.00	-15.69	26.21	3	Vertical	324	2.90	-	27.50	4.60	-				
AV	2.4835G	50.35	54.00	-3.65	18.25	3	Vertical	324	2.90	-	27.50	4.60	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

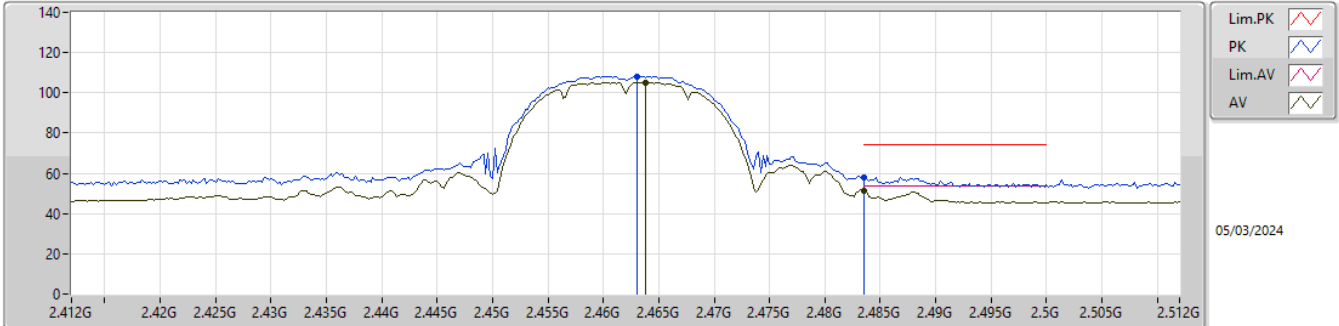


EUT_Y_1TX
SET 19.5
01-E-S-5

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	2.4562G	109.44	Inf	-Inf	77.38	3	Horizontal	42	1.80	-	27.44	4.62	-			
AV	2.4564G	106.41	Inf	-Inf	74.35	3	Horizontal	42	1.80	-	27.44	4.62	-			
PK	2.4858G	58.29	74.00	-15.71	26.19	3	Horizontal	42	1.80	-	27.50	4.60	-			
AV	2.4835G	50.53	54.00	-3.47	18.43	3	Horizontal	42	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

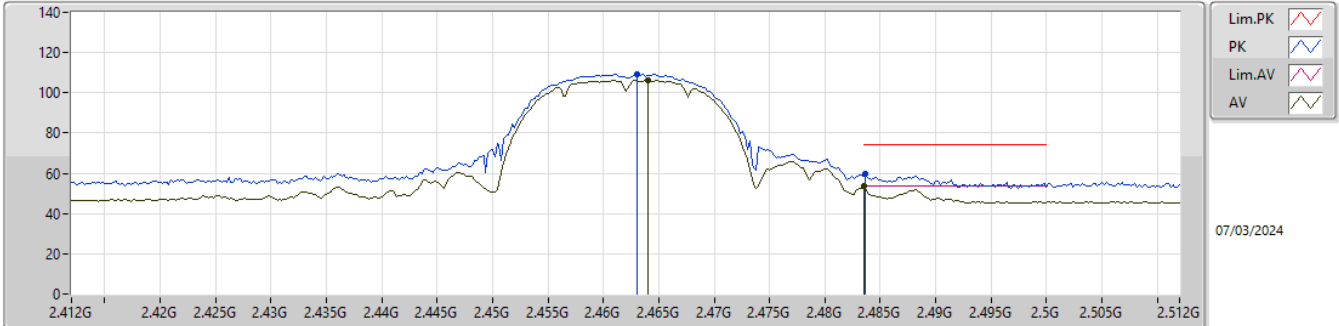


EUT_Y_1TX
SET 19
01-E-S-5

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	108.28	Inf	-Inf	76.26	3	Vertical	322	2.90	-	27.40	4.62	-				
AV	2.4638G	105.25	Inf	-Inf	73.23	3	Vertical	322	2.90	-	27.40	4.62	-				
PK	2.4835G	58.19	74.00	-15.81	26.09	3	Vertical	322	2.90	-	27.50	4.60	-				
AV	2.4835G	51.50	54.00	-2.50	19.40	3	Vertical	322	2.90	-	27.50	4.60	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

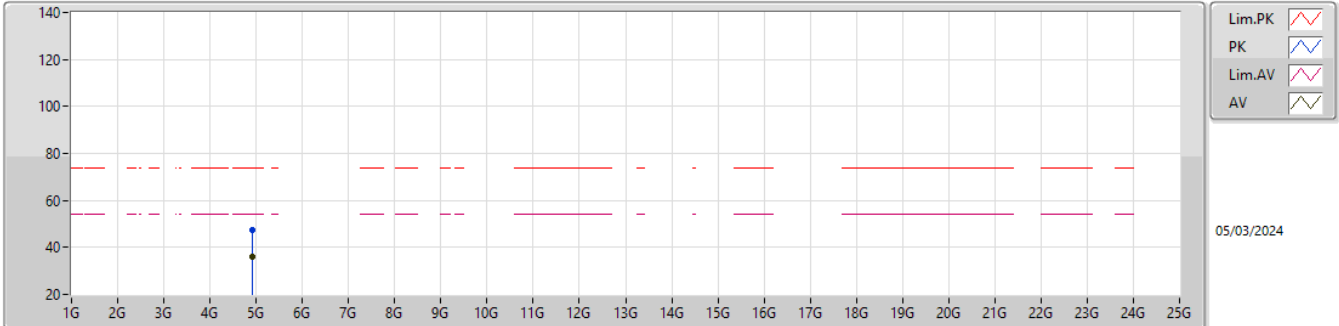


EUT_Y_1TX
SET 19
01-E-S-5

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	109.20	Inf	-Inf	77.18	3	Horizontal	39	1.80	-	27.40	4.62	-				
AV	2.464G	106.14	Inf	-Inf	74.12	3	Horizontal	39	1.80	-	27.40	4.62	-				
PK	2.4836G	59.54	74.00	-14.46	27.44	3	Horizontal	39	1.80	-	27.50	4.60	-				
AV	2.4835G	53.55	54.00	-0.45	21.45	3	Horizontal	39	1.80	-	27.50	4.60	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

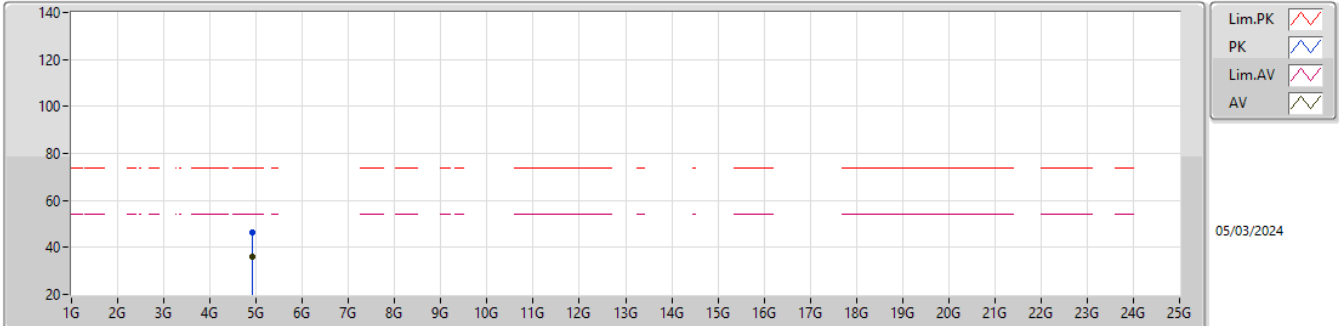


EUT_Y_1TX
SET 19

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.91568G	47.50	74.00	-26.50	42.06	3	Vertical	131	1.78	-	31.36	7.03	32.95			
AV	4.91632G	36.11	54.00	-17.89	30.66	3	Vertical	131	1.78	-	31.37	7.03	32.95			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

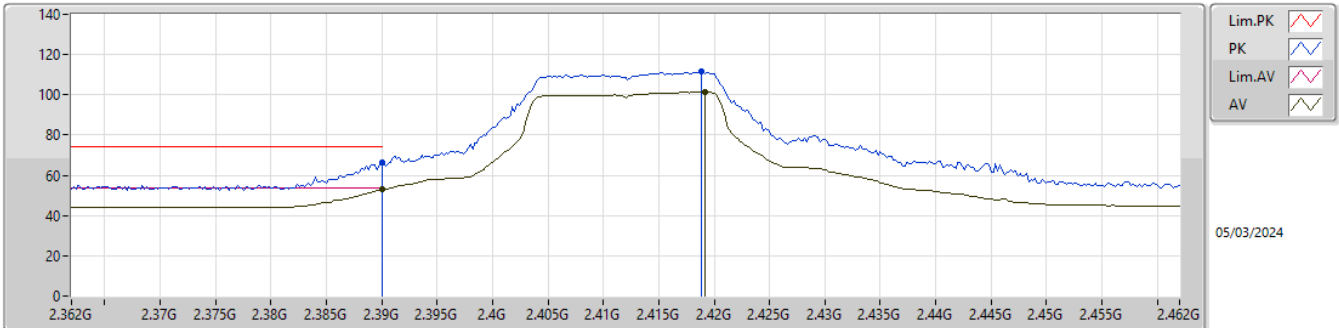


EUT Y_1TX
SET 19

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.92124G	46.19	74.00	-27.81	40.73	3	Horizontal	34	2.71	-	31.38	7.03	32.95			
AV	4.91444G	35.79	54.00	-18.21	30.36	3	Horizontal	34	2.71	-	31.36	7.02	32.95			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

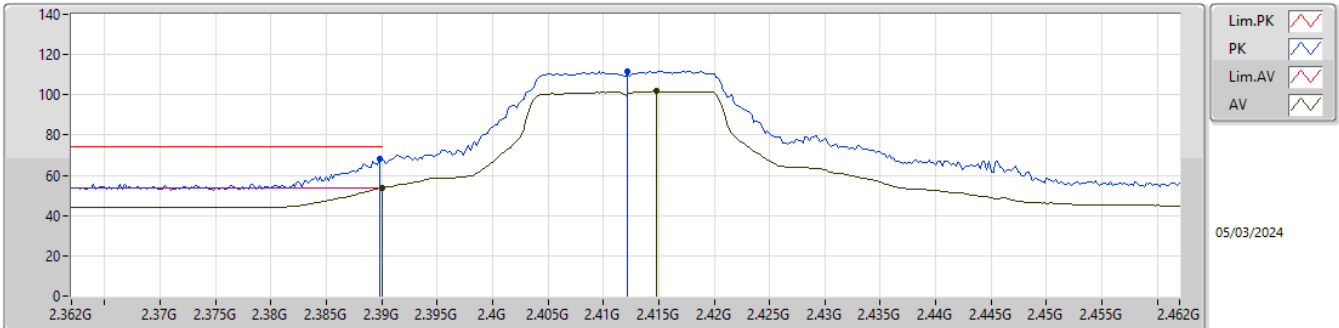


EUT_Y_1TX
SET 20.5
01-E-S-5

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	66.60	74.00	-7.40	34.24	3	Vertical	326	2.90	-	27.70	4.66	-				
AV	2.39G	52.89	54.00	-1.11	20.53	3	Vertical	326	2.90	-	27.70	4.66	-				
PK	2.4188G	111.34	Inf	-Inf	79.00	3	Vertical	326	2.90	-	27.69	4.65	-				
AV	2.4192G	101.45	Inf	-Inf	69.11	3	Vertical	326	2.90	-	27.69	4.65	-				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

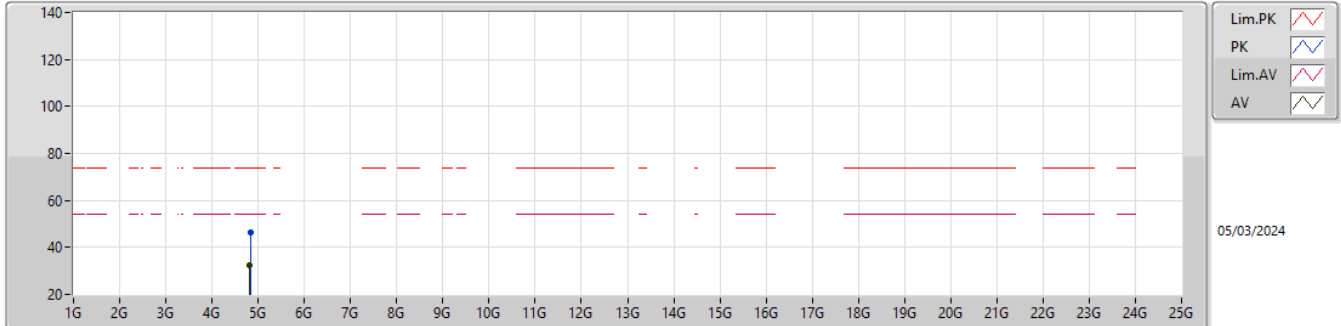


EUT_Y_1TX
SET 20.5
01-E-S-5

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	68.49	74.00	-5.51	36.13	3	Horizontal	41	1.80	-	27.70	4.66	-			
AV	2.39G	53.81	54.00	-0.19	21.45	3	Horizontal	41	1.80	-	27.70	4.66	-			
PK	2.4122G	111.85	Inf	-Inf	79.57	3	Horizontal	41	1.80	-	27.62	4.66	-			
AV	2.4148G	101.73	Inf	-Inf	69.42	3	Horizontal	41	1.80	-	27.65	4.66	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

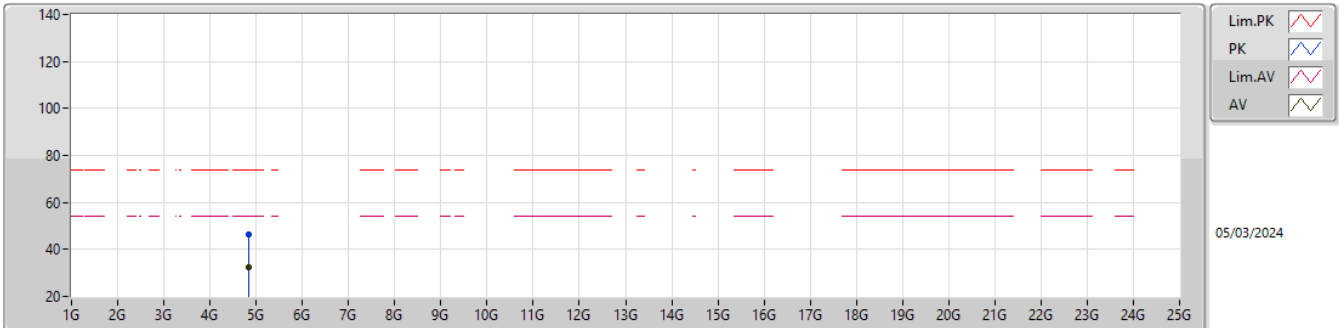


EUT_Y_1TX
SET 20.5
01-E-S-5

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	4.82992G	46.57	74.00	-27.43	41.30	3	Vertical	31	1.30	-	31.30	6.94	32.97			
AV	4.8246G	32.57	54.00	-21.43	27.31	3	Vertical	31	1.30	-	31.30	6.93	32.97			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

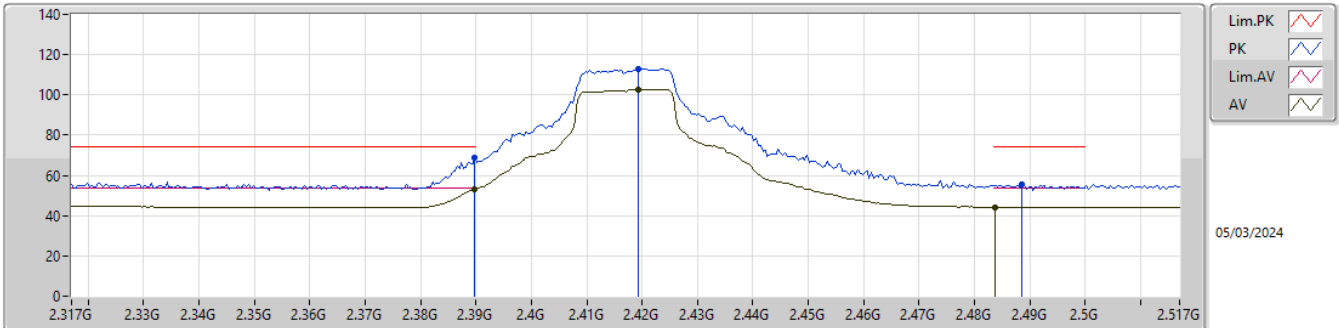


EUT_Y_1TX
SET 20.5
01-E-S-5

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	4.82516G	46.14	74.00	-27.86	40.87	3	Horizontal	42	2.36	-	31.30	6.94	32.97			
AV	4.83296G	32.59	54.00	-21.41	27.32	3	Horizontal	42	2.36	-	31.30	6.94	32.97			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

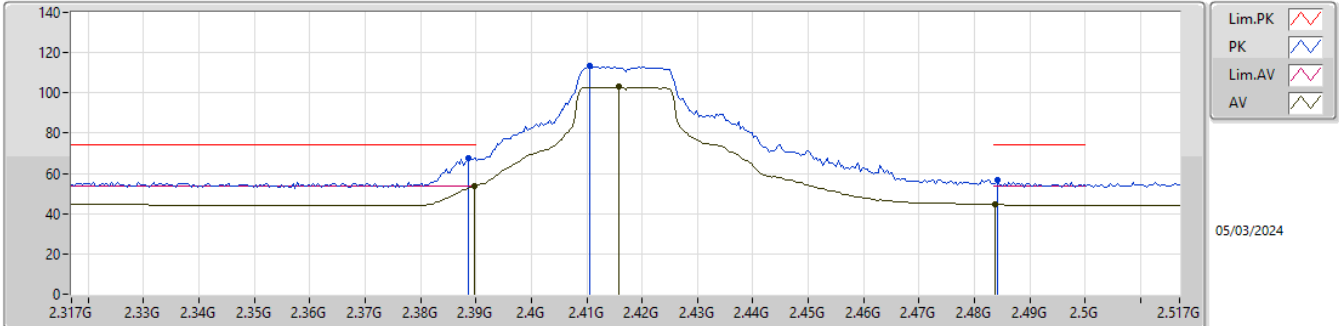


EUT_Y_1TX
SET22
01-E-S-5

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	68.99	74.00	-5.01	36.63	3	Vertical	326	2.90	-	27.70	4.66	-			
AV	2.3898G	53.01	54.00	-0.99	20.65	3	Vertical	326	2.90	-	27.70	4.66	-			
PK	2.4194G	112.74	Inf	-Inf	80.40	3	Vertical	326	2.90	-	27.69	4.65	-			
AV	2.4194G	102.83	Inf	-Inf	70.49	3	Vertical	326	2.90	-	27.69	4.65	-			
PK	2.4886G	55.55	74.00	-18.45	23.46	3	Vertical	326	2.90	-	27.50	4.59	-			
AV	2.4838G	44.28	54.00	-9.72	12.18	3	Vertical	326	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

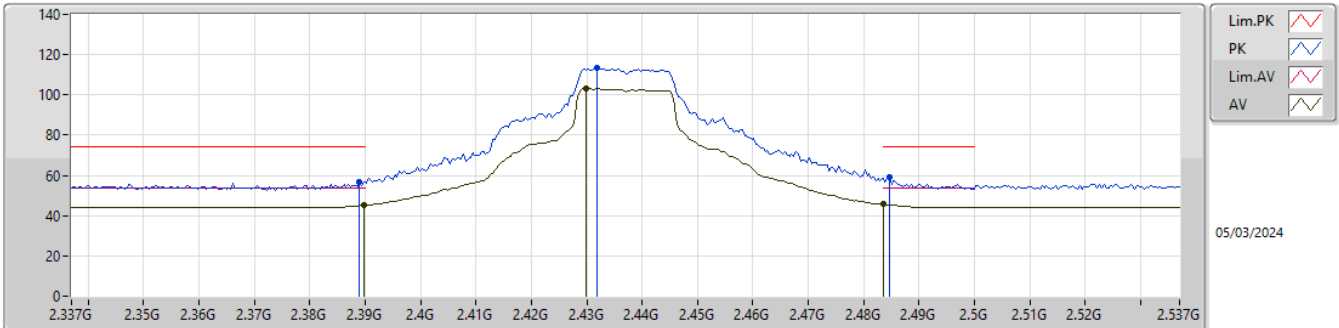


EUT_Y_1TX
SET22
01-E-S-5

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	67.84	74.00	-6.16	35.49	3	Horizontal	40	1.80	-	27.70	4.65	-			
AV	2.3898G	53.77	54.00	-0.23	21.41	3	Horizontal	40	1.80	-	27.70	4.66	-			
PK	2.4106G	113.20	Inf	-Inf	80.93	3	Horizontal	40	1.80	-	27.61	4.66	-			
AV	2.4158G	102.90	Inf	-Inf	70.58	3	Horizontal	40	1.80	-	27.66	4.66	-			
PK	2.4842G	56.46	74.00	-17.54	24.36	3	Horizontal	40	1.80	-	27.50	4.60	-			
AV	2.4838G	44.52	54.00	-9.48	12.42	3	Horizontal	40	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

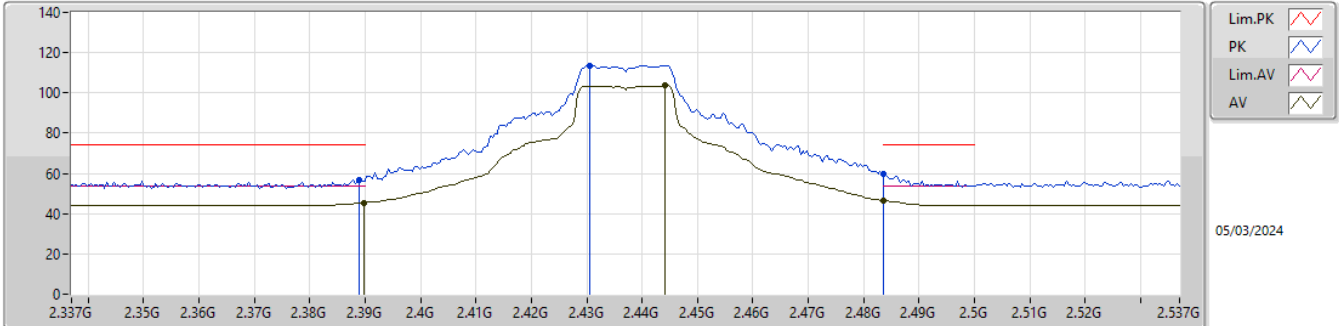


EUT Y_1TX
SET 24
01-E-S-5

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	56.71	74.00	-17.29	24.36	3	Vertical	326	2.90	-	27.70	4.65	-			
AV	2.3898G	45.13	54.00	-8.87	12.77	3	Vertical	326	2.90	-	27.70	4.66	-			
PK	2.4318G	113.17	Inf	-Inf	80.95	3	Vertical	326	2.90	-	27.58	4.64	-			
AV	2.4298G	103.26	Inf	-Inf	71.02	3	Vertical	326	2.90	-	27.60	4.64	-			
PK	2.4846G	59.09	74.00	-14.91	26.99	3	Vertical	326	2.90	-	27.50	4.60	-			
AV	2.4835G	45.64	54.00	-8.36	13.54	3	Vertical	326	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

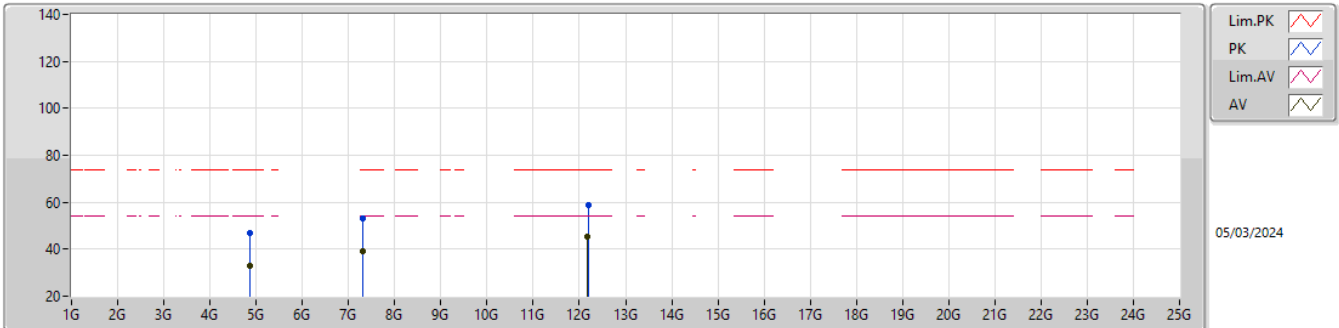


EUT_Y_1TX
SET24
01-E-S-5

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	56.53	74.00	-17.47	24.18	3	Horizontal	42	1.80	-	27.70	4.65	-			
AV	2.3898G	45.37	54.00	-8.63	13.01	3	Horizontal	42	1.80	-	27.70	4.66	-			
PK	2.4306G	113.72	Inf	-Inf	81.49	3	Horizontal	42	1.80	-	27.59	4.64	-			
AV	2.4442G	103.73	Inf	-Inf	71.60	3	Horizontal	42	1.80	-	27.50	4.63	-			
PK	2.4835G	59.92	74.00	-14.08	27.82	3	Horizontal	42	1.80	-	27.50	4.60	-			
AV	2.4835G	46.49	54.00	-7.51	14.39	3	Horizontal	42	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

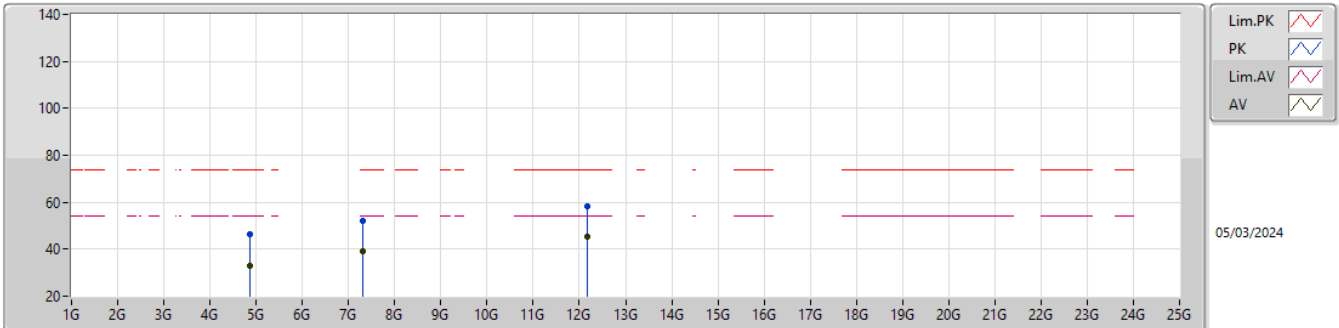


EUT_Y_1TX
SET24
01-E-S-5

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	4.87032G	47.01	74.00	-26.99	41.69	3	Vertical	192	2.90	-	31.30	6.98	32.96			
AV	4.8728G	33.11	54.00	-20.89	27.79	3	Vertical	192	2.90	-	31.30	6.98	32.96			
PK	7.31136G	53.30	74.00	-20.70	41.53	3	Vertical	45	2.48	-	36.25	8.62	33.10			
AV	7.31372G	39.15	54.00	-14.85	27.37	3	Vertical	45	2.48	-	36.25	8.63	33.10			
PK	12.18992G	58.81	74.00	-15.19	40.75	3	Vertical	4	2.11	-	39.14	11.19	32.27			
AV	12.18484G	45.23	54.00	-8.77	27.15	3	Vertical	4	2.11	-	39.16	11.19	32.27			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

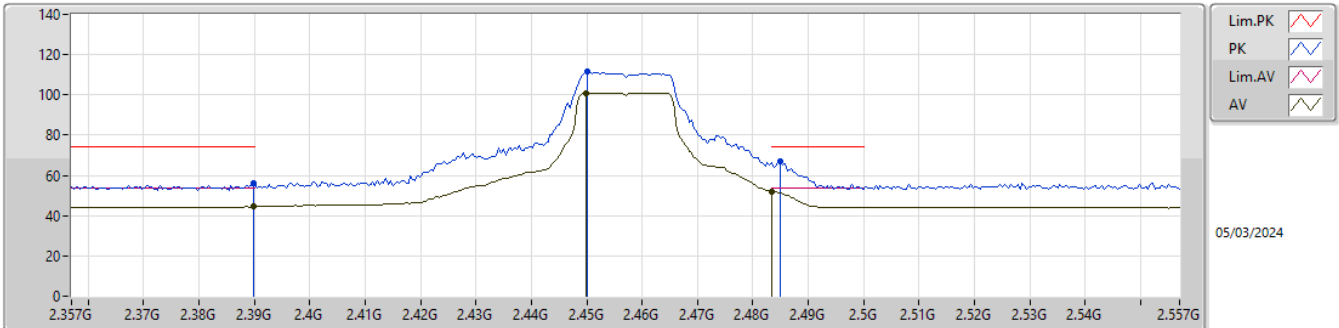


EUT_Y_1TX
SET24
01-E-S-5

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	4.86484G	46.55	74.00	-27.45	41.24	3	Horizontal	307	2.49	-	31.30	6.97	32.96				
AV	4.87392G	33.07	54.00	-20.93	27.75	3	Horizontal	307	2.49	-	31.30	6.98	32.96				
PK	7.3124G	52.26	74.00	-21.74	40.49	3	Horizontal	204	2.85	-	36.25	8.62	33.10				
AV	7.30708G	39.20	54.00	-14.80	27.41	3	Horizontal	204	2.85	-	36.27	8.62	33.10				
PK	12.182G	58.46	74.00	-15.54	40.38	3	Horizontal	2	2.77	-	39.17	11.19	32.28				
AV	12.17624G	45.37	54.00	-8.63	27.26	3	Horizontal	2	2.77	-	39.20	11.19	32.28				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

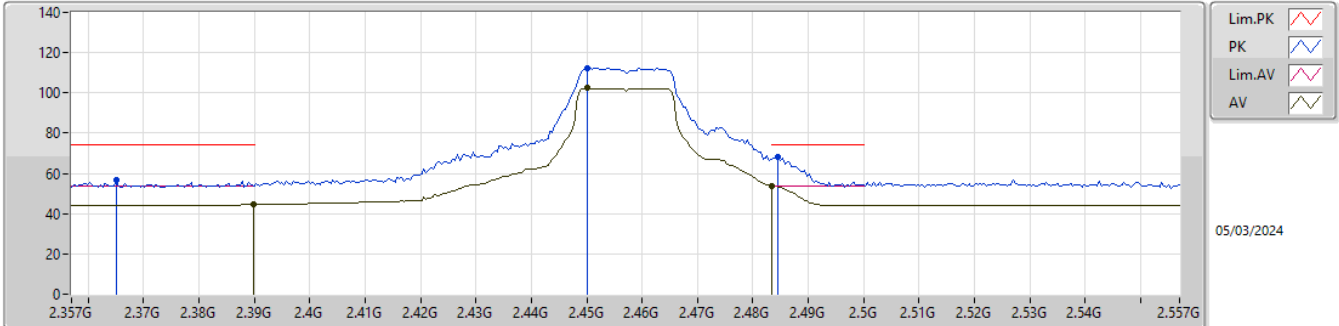


EUT_Y_1TX
SET 20
01-E-S-5

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	55.84	74.00	-18.16	23.48	3	Vertical	324	2.90	-	27.70	4.66	-			
AV	2.3898G	44.40	54.00	-9.60	12.04	3	Vertical	324	2.90	-	27.70	4.66	-			
PK	2.4502G	111.48	Inf	-Inf	79.35	3	Vertical	324	2.90	-	27.50	4.63	-			
AV	2.4498G	101.05	Inf	-Inf	68.92	3	Vertical	324	2.90	-	27.50	4.63	-			
PK	2.485G	66.71	74.00	-7.29	34.61	3	Vertical	324	2.90	-	27.50	4.60	-			
AV	2.4835G	51.94	54.00	-2.06	19.84	3	Vertical	324	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

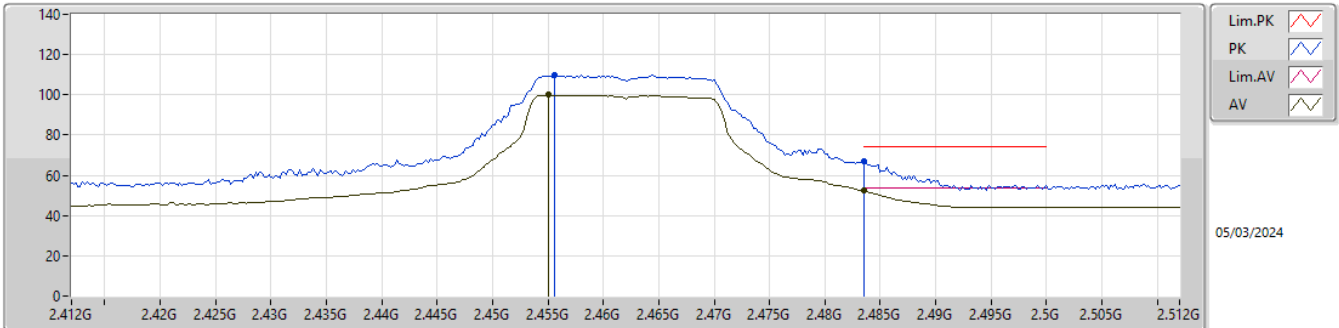


EUT_Y_1TX
SET 20
01-E-S-5

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	2.365G	56.44	74.00	-17.56	23.97	3	Horizontal	39	1.80	-	27.85	4.62	-				
AV	2.3898G	44.50	54.00	-9.50	12.14	3	Horizontal	39	1.80	-	27.70	4.66	-				
PK	2.4502G	112.41	Inf	-Inf	80.28	3	Horizontal	39	1.80	-	27.50	4.63	-				
AV	2.4502G	102.53	Inf	-Inf	70.40	3	Horizontal	39	1.80	-	27.50	4.63	-				
PK	2.4846G	67.91	74.00	-6.09	35.81	3	Horizontal	39	1.80	-	27.50	4.60	-				
AV	2.4835G	53.77	54.00	-0.23	21.67	3	Horizontal	39	1.80	-	27.50	4.60	-				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

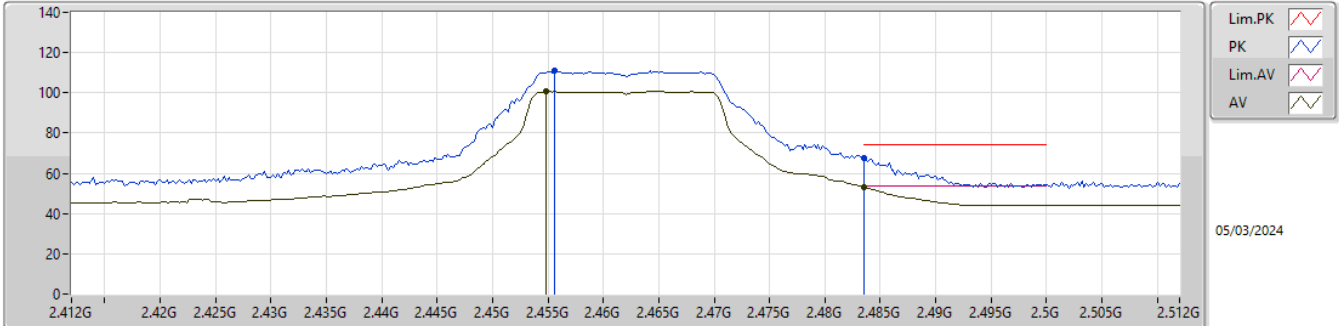


EUT_Y_1TX
SET 18.5
01-E-S-5

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	2.4556G	109.62	Inf	-Inf	77.56	3	Vertical	326	2.90	-	27.44	4.62	-			
AV	2.455G	99.92	Inf	-Inf	67.85	3	Vertical	326	2.90	-	27.45	4.62	-			
PK	2.4835G	66.87	74.00	-7.13	34.77	3	Vertical	326	2.90	-	27.50	4.60	-			
AV	2.4835G	52.34	54.00	-1.66	20.24	3	Vertical	326	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

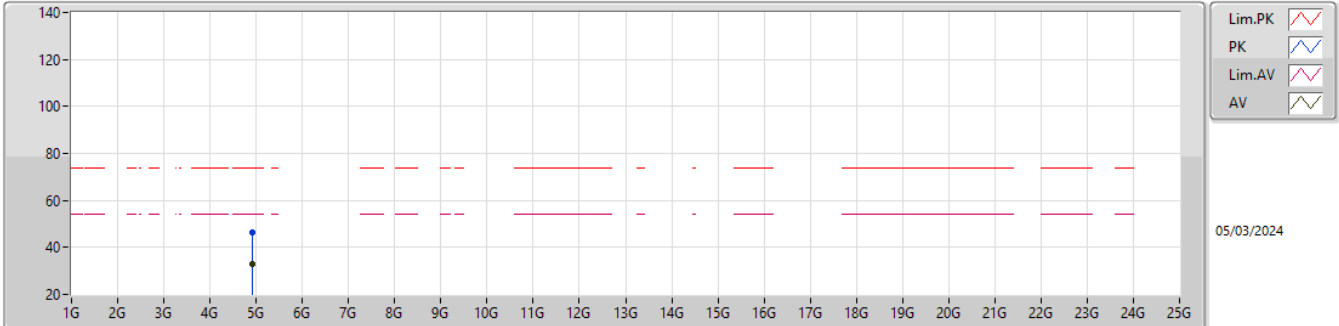


EUT_Y_1TX
SET 18.5
01-E-S-5

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	2.4556G	110.86	Inf	-Inf	78.80	3	Horizontal	41	1.80	-	27.44	4.62	-			
AV	2.4548G	100.70	Inf	-Inf	68.63	3	Horizontal	41	1.80	-	27.45	4.62	-			
PK	2.4835G	67.50	74.00	-6.50	35.40	3	Horizontal	41	1.80	-	27.50	4.60	-			
AV	2.4835G	53.09	54.00	-0.91	20.99	3	Horizontal	41	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

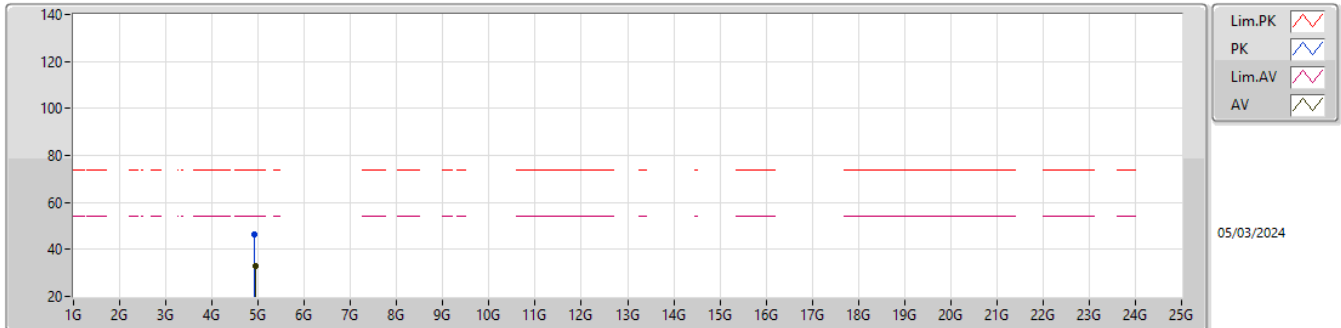


EUT Y_1TX
SET 18.5
01-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.92872G	46.30	74.00	-27.70	40.80	3	Vertical	175	1.09	-	31.41	7.04	32.95			
AV	4.92636G	32.91	54.00	-21.09	27.41	3	Vertical	175	1.09	-	31.41	7.04	32.95			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

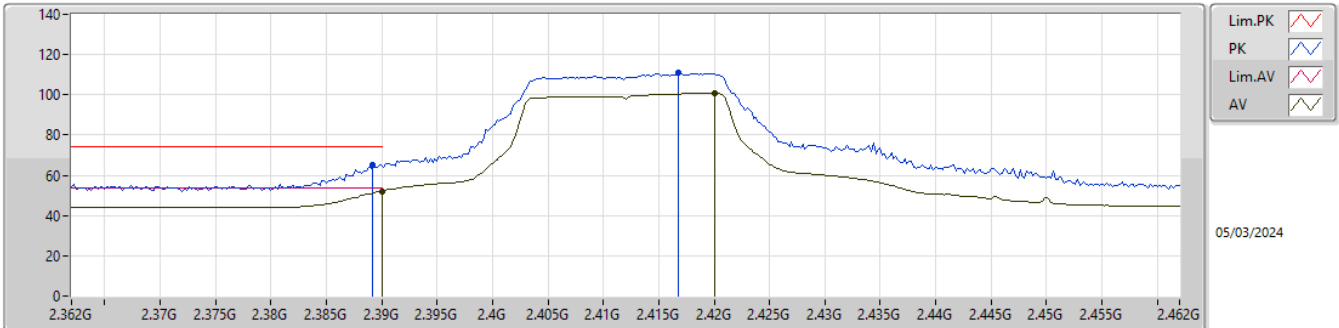


EUT Y_1TX
SET 18.5
01-E-S-5

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	4.91644G	46.47	74.00	-27.53	41.02	3	Horizontal	101	1.29	-	31.37	7.03	32.95			
AV	4.933G	32.95	54.00	-21.05	27.42	3	Horizontal	101	1.29	-	31.43	7.04	32.94			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2412MHz_TX

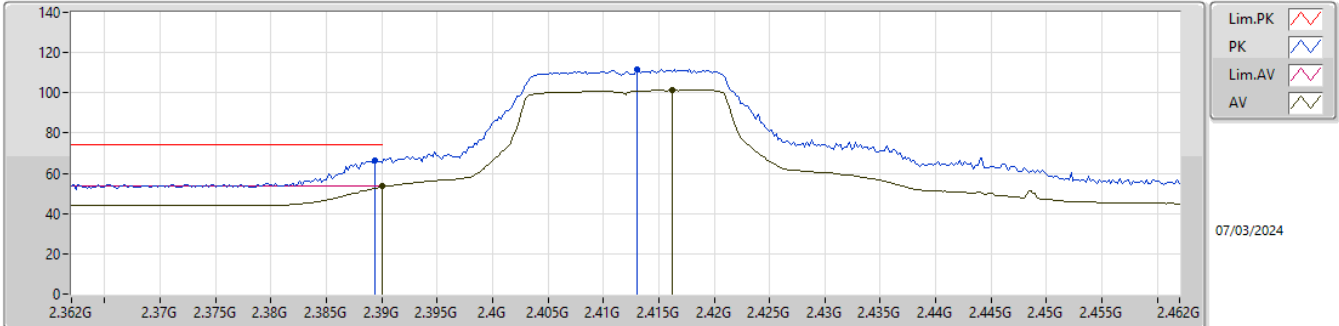


EUT_Y_1TX
SET 20
01-E-S-5

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	65.12	74.00	-8.88	32.77	3	Vertical	326	2.90	-	27.70	4.65	-			
AV	2.39G	52.19	54.00	-1.81	19.83	3	Vertical	326	2.90	-	27.70	4.66	-			
PK	2.4168G	110.78	Inf	-Inf	78.45	3	Vertical	326	2.90	-	27.67	4.66	-			
AV	2.42G	100.94	Inf	-Inf	68.59	3	Vertical	326	2.90	-	27.70	4.65	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2412MHz_TX

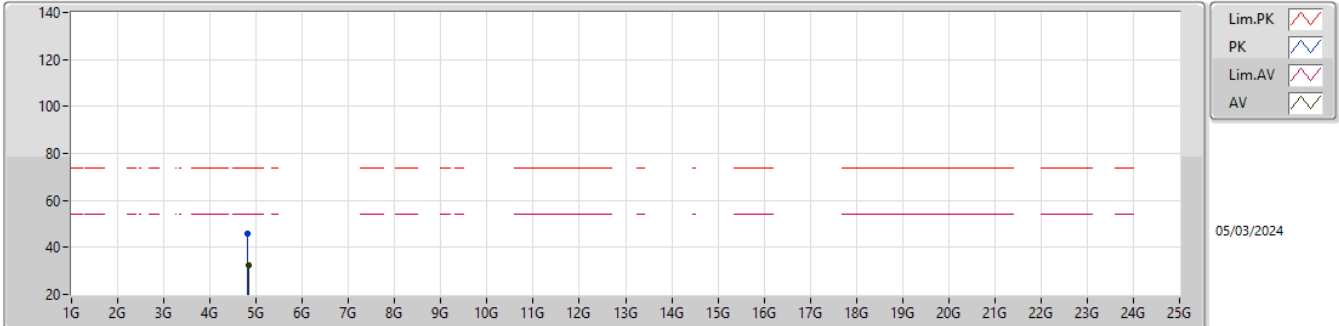


EUT_Y_1TX
SET 20
01-E-S-5

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	2.3894G	66.56	74.00	-7.44	34.21	3	Horizontal	42	1.80	-	27.70	4.65	-			
AV	2.39G	53.62	54.00	-0.38	21.26	3	Horizontal	42	1.80	-	27.70	4.66	-			
PK	2.413G	111.83	Inf	-Inf	79.54	3	Horizontal	42	1.80	-	27.63	4.66	-			
AV	2.4162G	101.34	Inf	-Inf	69.02	3	Horizontal	42	1.80	-	27.66	4.66	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2412MHz_TX

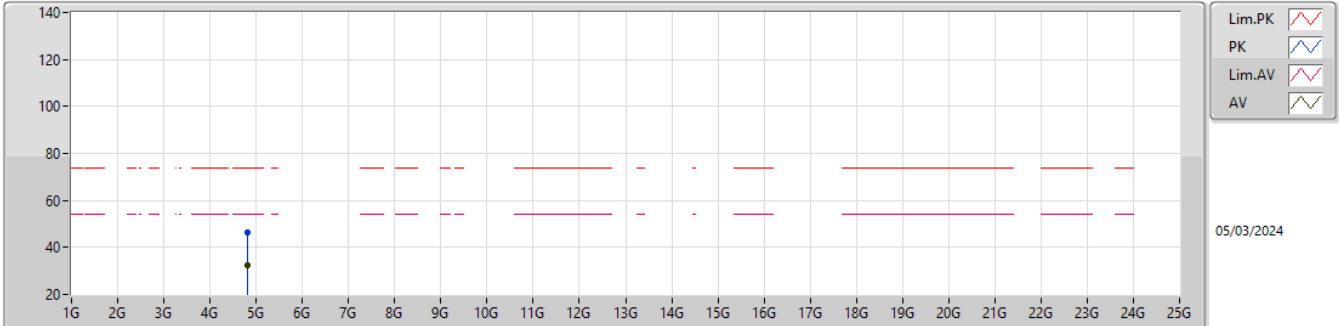


EUT_Y_1TX
SET 20
01-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.81896G	45.93	74.00	-28.07	40.67	3	Vertical	94	1.03	-	31.30	6.93	32.97			
AV	4.8332G	32.58	54.00	-21.42	27.31	3	Vertical	94	1.03	-	31.30	6.94	32.97			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2412MHz_TX

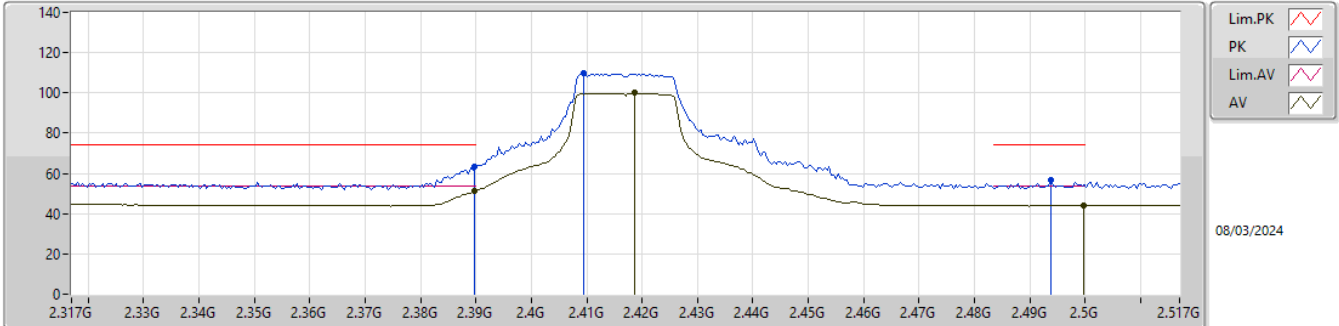


EUT_Y_1TX
SET 20
01-E-S-5

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	4.82416G	46.50	74.00	-27.50	41.24	3	Horizontal	167	1.83	-	31.30	6.93	32.97				
AV	4.82204G	32.57	54.00	-21.43	27.31	3	Horizontal	167	1.83	-	31.30	6.93	32.97				

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2417MHz_TX

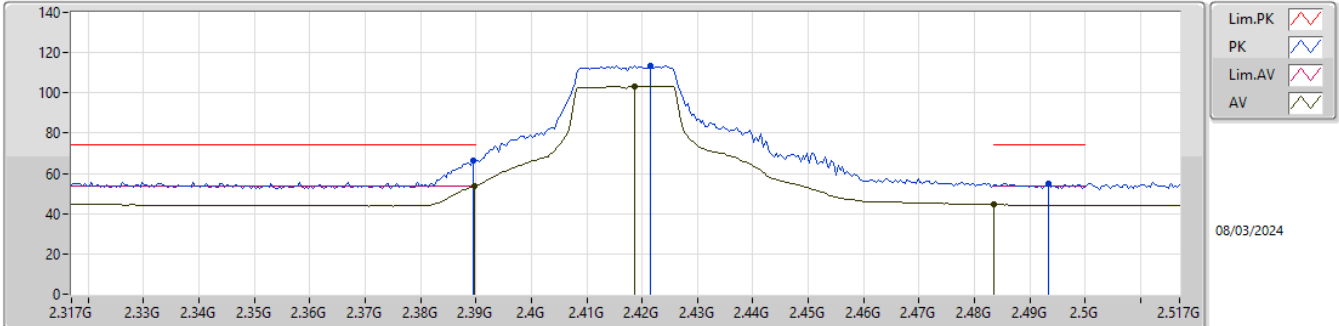


EUT_Y_1TX
SET21
01-E-A-4

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	2.3898G	63.19	74.00	-10.81	30.83	3	Vertical	21	2.91	-	27.70	4.66	-			
AV	2.3898G	51.02	54.00	-2.98	18.66	3	Vertical	21	2.91	-	27.70	4.66	-			
PK	2.4094G	110.07	Inf	-Inf	77.80	3	Vertical	21	2.91	-	27.61	4.66	-			
AV	2.4186G	99.88	Inf	-Inf	67.54	3	Vertical	21	2.91	-	27.69	4.65	-			
PK	2.4938G	56.51	74.00	-17.49	24.42	3	Vertical	21	2.91	-	27.50	4.59	-			
AV	2.4998G	43.95	54.00	-10.05	11.86	3	Vertical	21	2.91	-	27.50	4.59	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2417MHz_TX

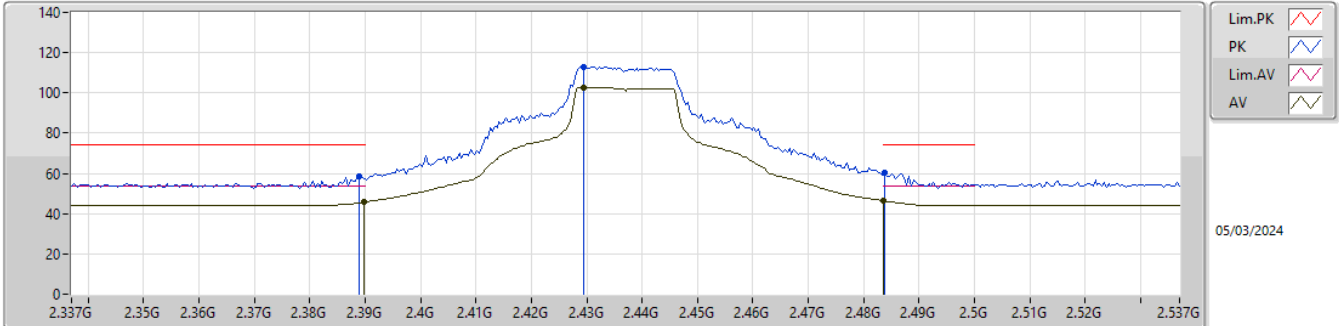


EUT_Y_1TX
SET21
01-E-A-4

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	2.3894G	66.40	74.00	-7.60	34.05	3	Horizontal	46	2.36	-	27.70	4.65	-			
AV	2.3898G	53.64	54.00	-0.36	21.28	3	Horizontal	46	2.36	-	27.70	4.66	-			
PK	2.4214G	113.62	Inf	-Inf	81.28	3	Horizontal	46	2.36	-	27.69	4.65	-			
AV	2.4186G	103.26	Inf	-Inf	70.92	3	Horizontal	46	2.36	-	27.69	4.65	-			
PK	2.4934G	54.92	74.00	-19.08	22.83	3	Horizontal	46	2.36	-	27.50	4.59	-			
AV	2.4835G	44.48	54.00	-9.52	12.38	3	Horizontal	46	2.36	-	27.50	4.60	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2437MHz_TX

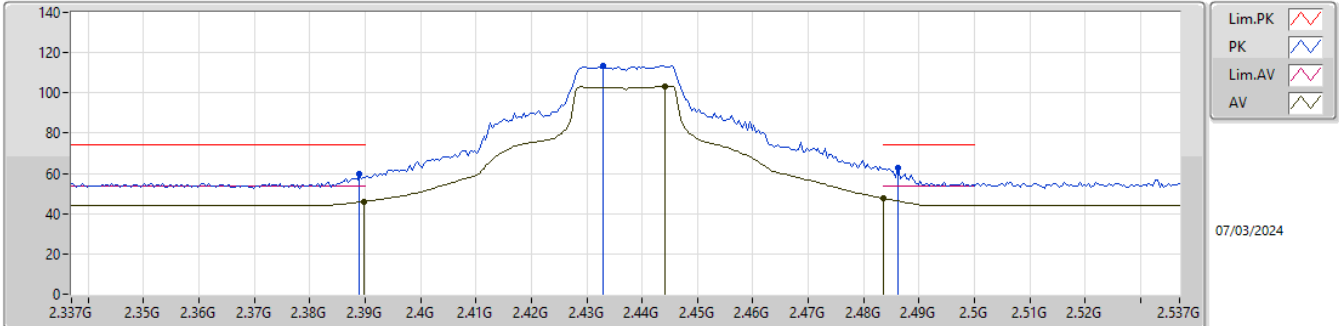


EUT_Y_1TX
SET 24
01-E-S-5

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	58.39	74.00	-15.61	26.04	3	Vertical	319	2.90	-	27.70	4.65	-			
AV	2.3898G	45.57	54.00	-8.43	13.21	3	Vertical	319	2.90	-	27.70	4.66	-			
PK	2.4294G	112.90	Inf	-Inf	80.64	3	Vertical	319	2.90	-	27.61	4.65	-			
AV	2.4294G	102.80	Inf	-Inf	70.54	3	Vertical	319	2.90	-	27.61	4.65	-			
PK	2.4838G	60.33	74.00	-13.67	28.23	3	Vertical	319	2.90	-	27.50	4.60	-			
AV	2.4835G	46.48	54.00	-7.52	14.38	3	Vertical	319	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2437MHz_TX

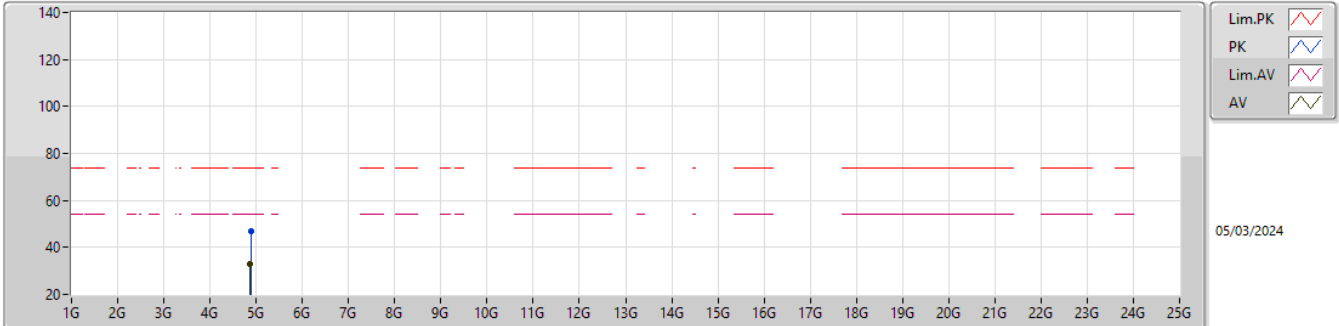


EUT_Y_1TX
SET 24
01-E-S-5

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	59.60	74.00	-14.40	27.25	3	Horizontal	39	1.80	-	27.70	4.65	-			
AV	2.3898G	45.94	54.00	-8.06	13.58	3	Horizontal	39	1.80	-	27.70	4.66	-			
PK	2.433G	113.34	Inf	-Inf	81.13	3	Horizontal	39	1.80	-	27.57	4.64	-			
AV	2.4442G	103.37	Inf	-Inf	71.24	3	Horizontal	39	1.80	-	27.50	4.63	-			
PK	2.4862G	62.55	74.00	-11.45	30.45	3	Horizontal	39	1.80	-	27.50	4.60	-			
AV	2.4835G	47.53	54.00	-6.47	15.43	3	Horizontal	39	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2437MHz_TX

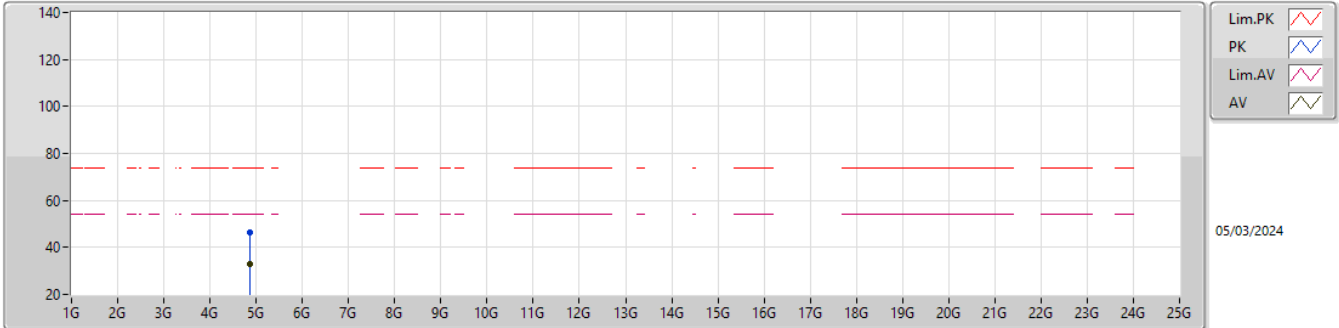


EUT_Y_1TX
SET24
01-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.87756G	46.67	74.00	-27.33	41.34	3	Vertical	341	1.52	-	31.30	6.99	32.96			
AV	4.87504G	33.03	54.00	-20.97	27.70	3	Vertical	341	1.52	-	31.30	6.99	32.96			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2437MHz_TX

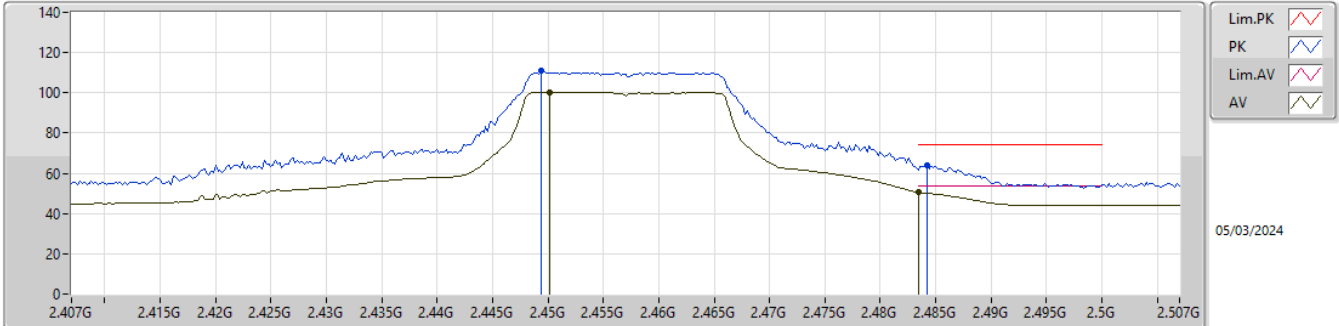


EUT_Y_1TX
SET24
01-E-S-5

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	4.87708G	46.35	74.00	-27.65	41.02	3	Horizontal	250	2.45	-	31.30	6.99	32.96			
AV	4.86456G	33.10	54.00	-20.90	27.79	3	Horizontal	250	2.45	-	31.30	6.97	32.96			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2457MHz_TX

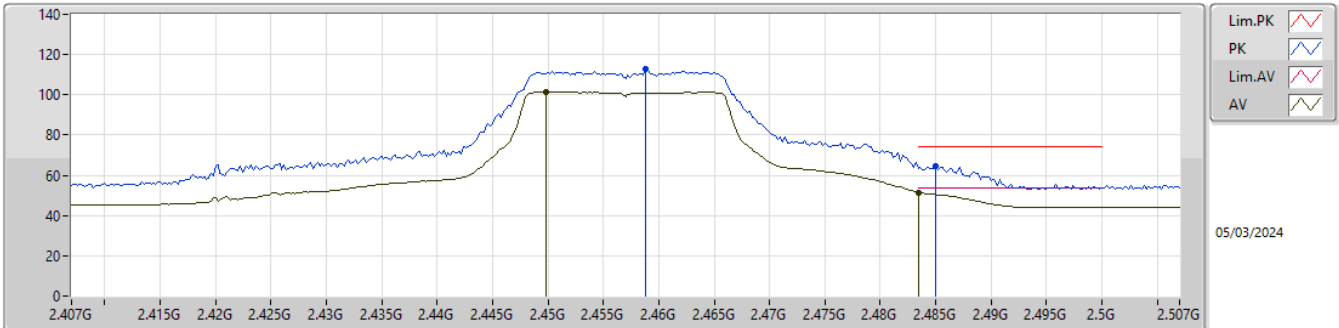


EUT_Y_1TX
SET 19.5
01-E-S-5

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	2.4494G	110.91	Inf	-Inf	78.78	3	Vertical	322	2.90	-	27.50	4.63	-			
AV	2.4502G	100.16	Inf	-Inf	68.03	3	Vertical	322	2.90	-	27.50	4.63	-			
PK	2.4842G	63.87	74.00	-10.13	31.77	3	Vertical	322	2.90	-	27.50	4.60	-			
AV	2.4835G	50.41	54.00	-3.59	18.31	3	Vertical	322	2.90	-	27.50	4.60	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2457MHz_TX

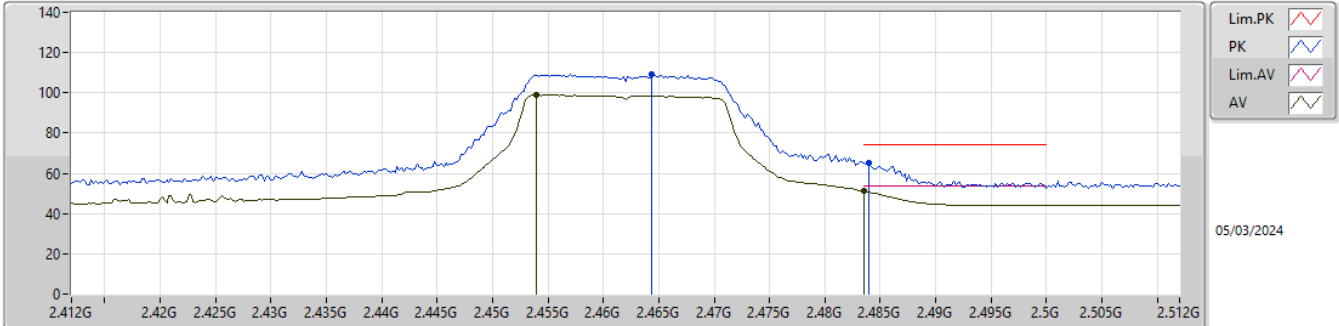


EUT_Y_1TX
SET 19.5
01-E-S-5

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	2.4588G	112.91	Inf	-Inf	80.88	3	Horizontal	39	1.80	-	27.41	4.62	-				
AV	2.4498G	101.23	Inf	-Inf	69.10	3	Horizontal	39	1.80	-	27.50	4.63	-				
PK	2.485G	64.75	74.00	-9.25	32.65	3	Horizontal	39	1.80	-	27.50	4.60	-				
AV	2.4835G	51.23	54.00	-2.77	19.13	3	Horizontal	39	1.80	-	27.50	4.60	-				

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX

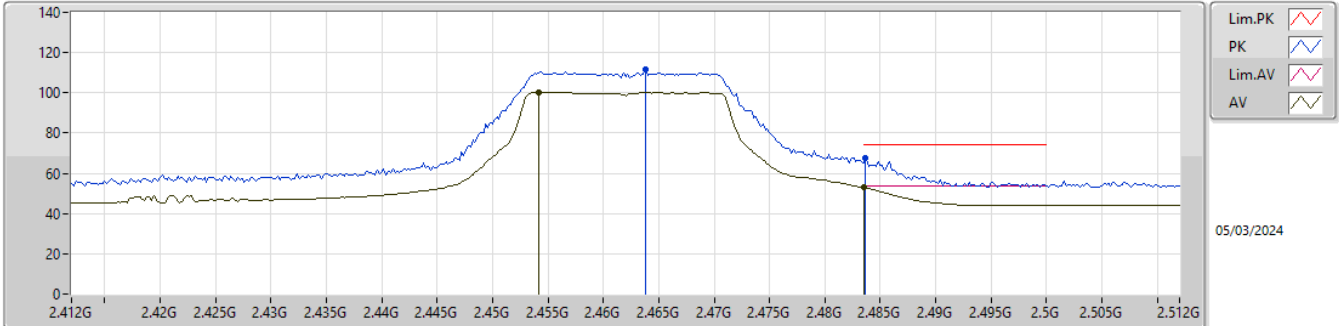


EUT_Y_1TX
SET 18
01-E-S-5

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	109.28	Inf	-Inf	77.26	3	Vertical	327	2.90	-	27.40	4.62	-				
AV	2.454G	98.79	Inf	-Inf	66.71	3	Vertical	327	2.90	-	27.46	4.62	-				
PK	2.484G	65.30	74.00	-8.70	33.20	3	Vertical	327	2.90	-	27.50	4.60	-				
AV	2.4835G	51.20	54.00	-2.80	19.10	3	Vertical	327	2.90	-	27.50	4.60	-				

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX

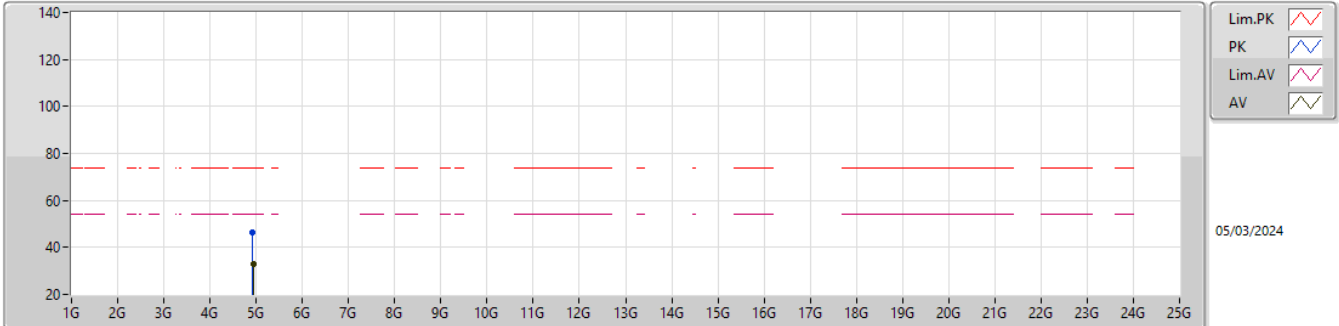


EUT_Y_1TX
SET 18
01-E-S-5

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	2.4638G	111.41	Inf	-Inf	79.39	3	Horizontal	43	1.80	-	27.40	4.62	-			
AV	2.4542G	100.15	Inf	-Inf	68.07	3	Horizontal	43	1.80	-	27.46	4.62	-			
PK	2.4836G	67.85	74.00	-6.15	35.75	3	Horizontal	43	1.80	-	27.50	4.60	-			
AV	2.4835G	53.25	54.00	-0.75	21.15	3	Horizontal	43	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX

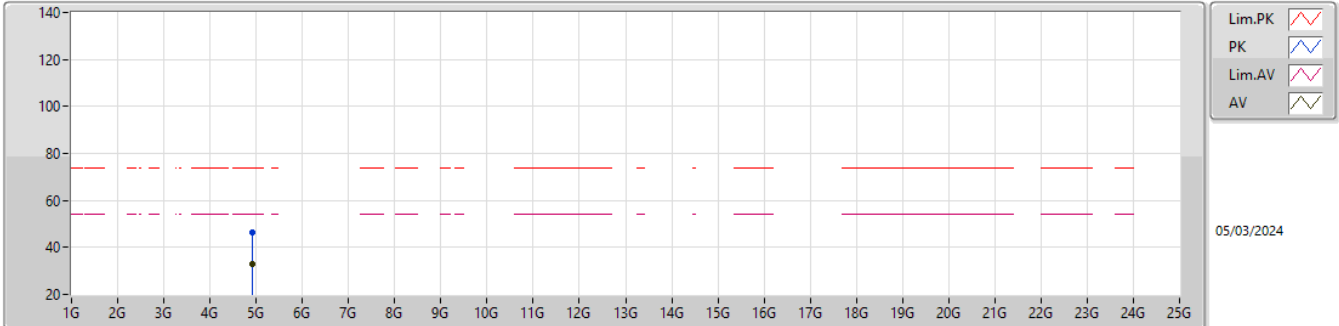


EUT_Y_1TX
SET 18
01-E-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.92112G	46.32	74.00	-27.68	40.86	3	Vertical	323	1.90	-	31.38	7.03	32.95			
AV	4.93332G	32.88	54.00	-21.12	27.35	3	Vertical	323	1.90	-	31.43	7.04	32.94			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX

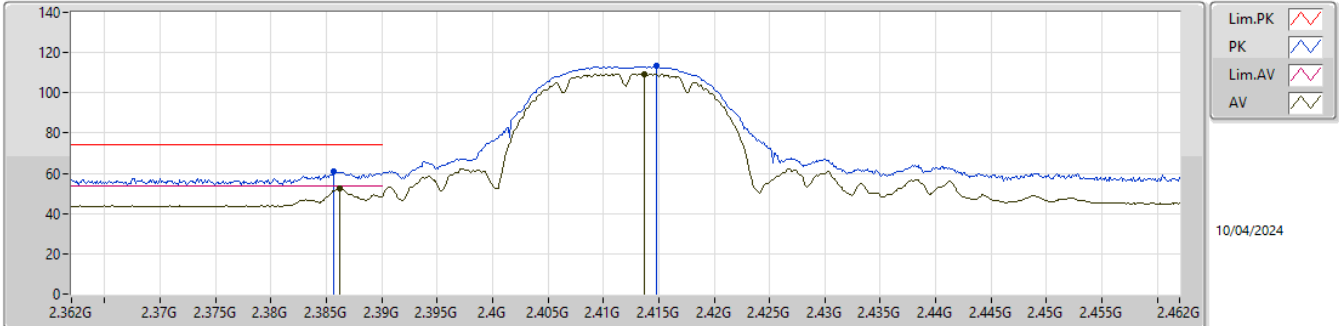


EUT_Y_1TX
SET 18
01-E-S-5

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	4.929G	46.21	74.00	-27.79	40.70	3	Horizontal	101	2.19	-	31.42	7.04	32.95			
AV	4.92596G	32.91	54.00	-21.09	27.42	3	Horizontal	101	2.19	-	31.40	7.04	32.95			

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

2412MHz_TX

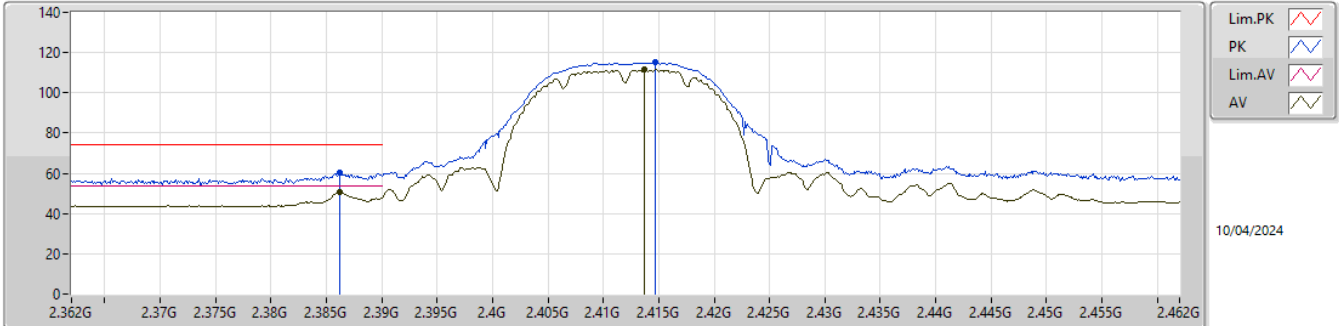


EUT_Y_2TX
SET 20.5
17\24\20.5\22\21.5\16\18.5\19.5\20\23.5\20.5
8.74\13.38\1.12\9.84\7.04\9.21\7.85\7.05\5.56\13.83\1.21

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	2.3857G	60.78	74.00	-13.22	28.16	3	Vertical	44	1.91	20.5	28.26	4.36	-				
AV	2.3862G	52.79	54.00	-1.21	20.17	3	Vertical	44	1.91	20.5	28.26	4.36	-				
PK	2.4148G	113.21	Inf	-Inf	80.52	3	Vertical	44	1.91	20.5	28.30	4.39	-				
AV	2.4137G	109.40	Inf	-Inf	76.71	3	Vertical	44	1.91	20.5	28.30	4.39	-				

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

2412MHz_TX

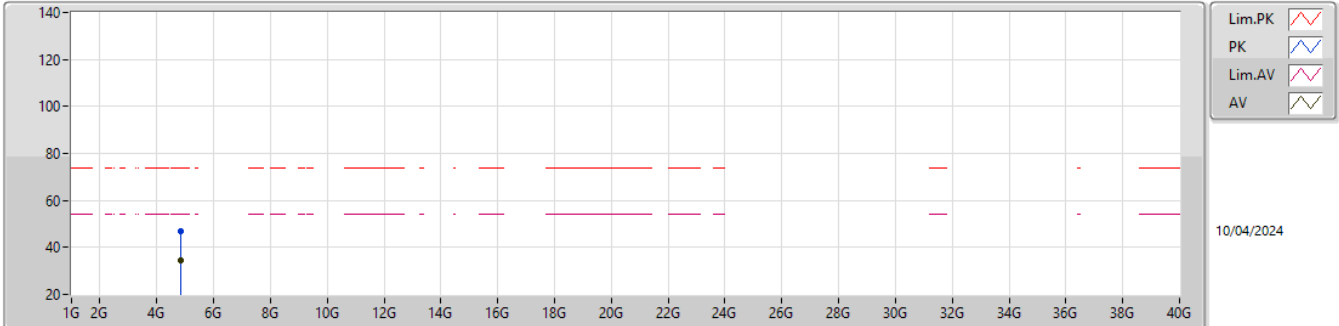


EUT_Y_2TX
SET 20
20.5\20
-0.06\3.17

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	2.3862G	60.12	74.00	-13.88	27.50	3	Horizontal	39	2.08	20	28.26	4.36	-				
AV	2.3862G	50.83	54.00	-3.17	18.21	3	Horizontal	39	2.08	20	28.26	4.36	-				
PK	2.4147G	115.39	Inf	-Inf	82.70	3	Horizontal	39	2.08	20	28.30	4.39	-				
AV	2.4137G	111.42	Inf	-Inf	78.73	3	Horizontal	39	2.08	20	28.30	4.39	-				

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

2412MHz_TX

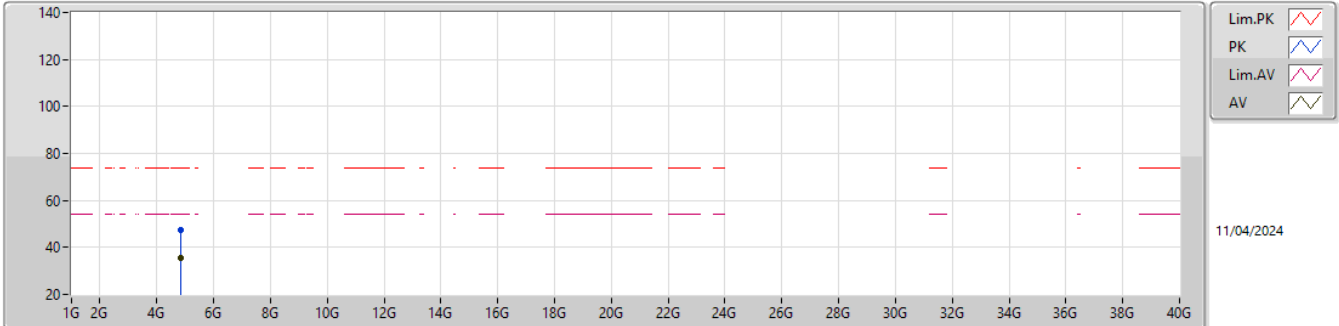


EUT_Y_2TX
SET 20
03-S-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82384G	47.08	74.00	-26.92	42.23	3	Vertical	356	1.68	20	33.25	6.29	34.69			
AV	4.82388G	34.62	54.00	-19.38	29.77	3	Vertical	356	1.68	20	33.25	6.29	34.69			

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

2412MHz_TX

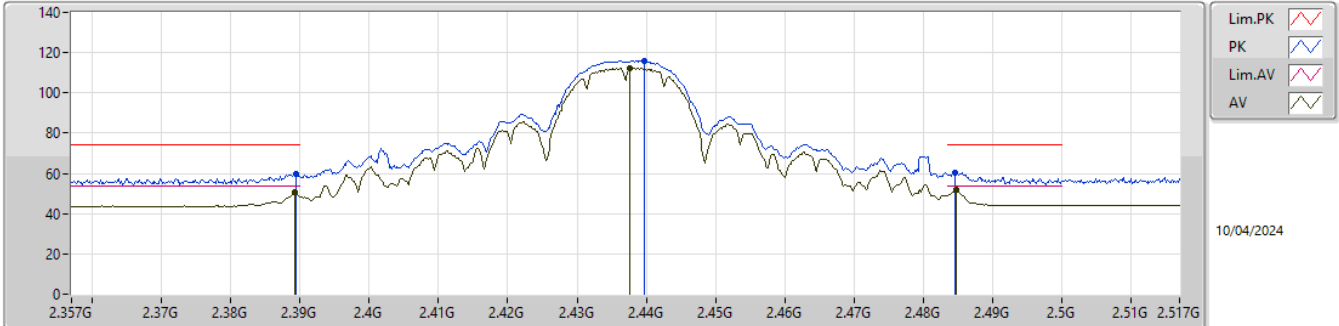


EUT_Y_2TX
SET 20
03-S-A-4

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	4.8401G	47.39	74.00	-26.61	42.50	3	Horizontal	322	1.95	20	33.28	6.32	34.71			
AV	4.82396G	35.72	54.00	-18.28	30.87	3	Horizontal	322	1.95	20	33.25	6.29	34.69			

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

2437MHz_TX

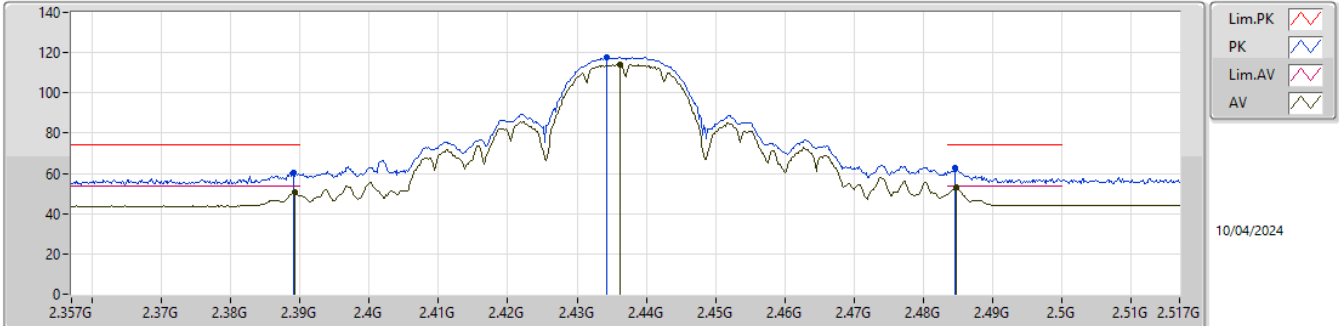


EUT_Y_2TX
SET 24
20\24
9.25\2.26

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	2.38948G	59.73	74.00	-14.27	27.07	3	Vertical	46	2.11	24	28.29	4.37	-				
AV	2.38916G	50.41	54.00	-3.59	17.75	3	Vertical	46	2.11	24	28.29	4.37	-				
PK	2.43972G	116.07	Inf	-Inf	83.36	3	Vertical	46	2.11	24	28.30	4.41	-				
AV	2.43764G	112.33	Inf	-Inf	79.63	3	Vertical	46	2.11	24	28.30	4.40	-				
PK	2.48452G	60.54	74.00	-13.46	27.76	3	Vertical	46	2.11	24	28.35	4.43	-				
AV	2.48484G	51.74	54.00	-2.26	18.95	3	Vertical	46	2.11	24	28.35	4.44	-				

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

2437MHz_TX

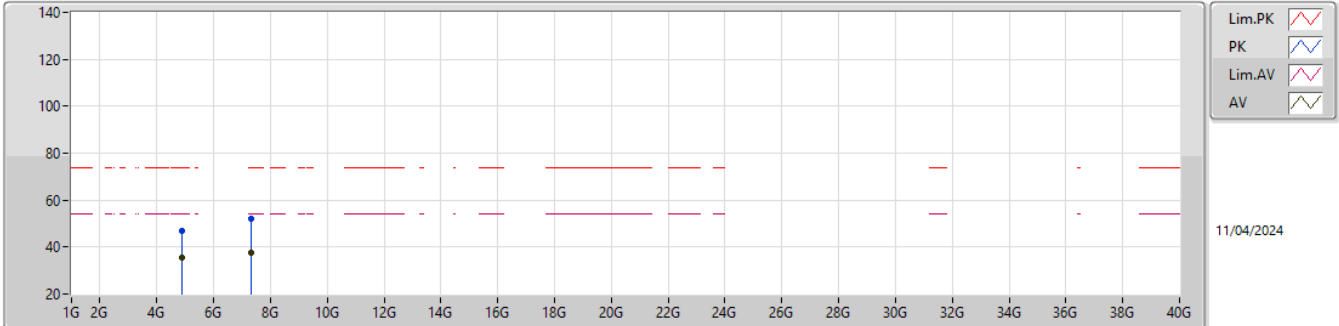


EUT_Y_2TX
SET 22.5
24\23.5\23\22.5
-0.21\ -1.03\ -0.30\ 0.86

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	60.21	74.00	-13.79	27.55	3	Horizontal	34	1.80	22.5	28.29	4.37	-				
AV	2.38916G	50.62	54.00	-3.38	17.96	3	Horizontal	34	1.80	22.5	28.29	4.37	-				
PK	2.43428G	117.66	Inf	-Inf	84.96	3	Horizontal	34	1.80	22.5	28.30	4.40	-				
AV	2.4362G	113.97	Inf	-Inf	81.27	3	Horizontal	34	1.80	22.5	28.30	4.40	-				
PK	2.48452G	62.49	74.00	-11.51	29.71	3	Horizontal	34	1.80	22.5	28.35	4.43	-				
AV	2.48484G	53.14	54.00	-0.86	20.35	3	Horizontal	34	1.80	22.5	28.35	4.44	-				

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

2437MHz_TX

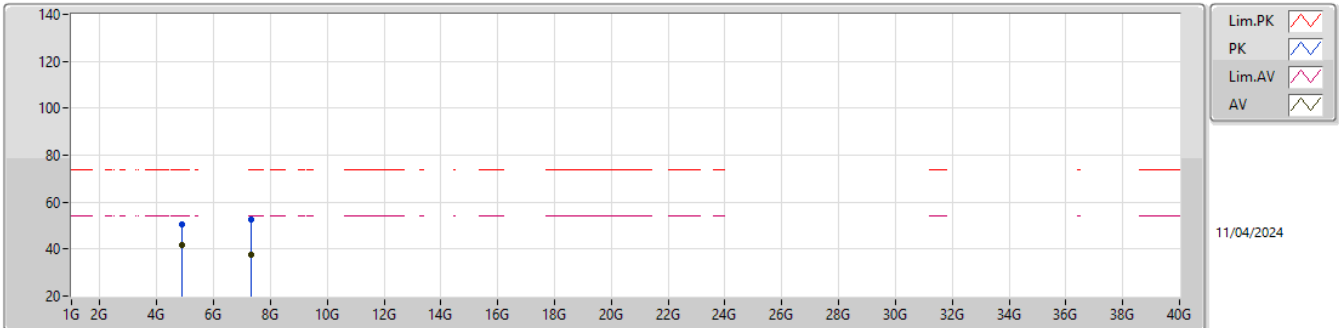


EUT_Y_2TX
SET 22.5
03-S-A-4

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	4.88982G	46.86	74.00	-27.14	41.83	3	Vertical	1	1.65	22.5	33.38	6.39	34.74			
AV	4.87396G	35.40	54.00	-18.60	30.42	3	Vertical	1	1.65	22.5	33.35	6.36	34.73			
PK	7.32567G	51.87	74.00	-22.13	41.96	3	Vertical	140	1.15	22.5	36.80	8.48	35.37			
AV	7.32902G	37.82	54.00	-16.18	27.89	3	Vertical	140	1.15	22.5	36.82	8.48	35.37			

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

2437MHz_TX

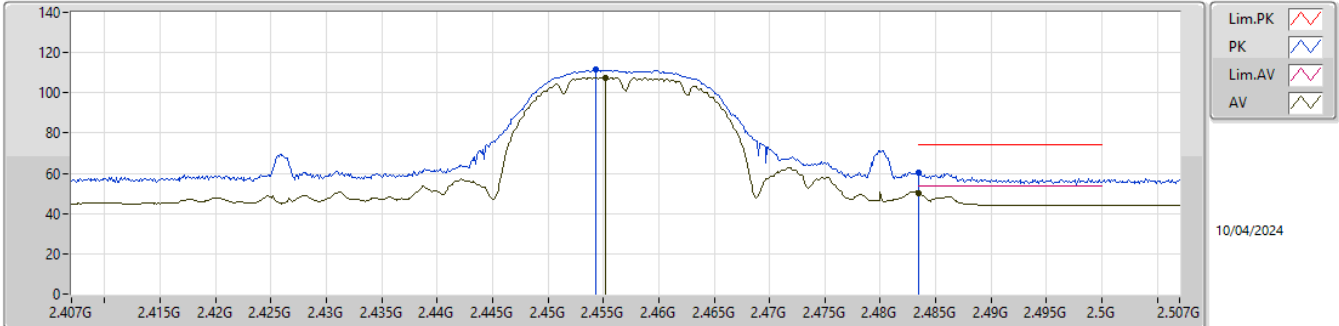


EUT_Y_2TX
SET 22.5
03-S-A-4

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	4.87388G	50.38	74.00	-23.62	45.40	3	Horizontal	287	1.65	22.5	33.35	6.36	34.73			
AV	4.87396G	41.50	54.00	-12.50	36.52	3	Horizontal	287	1.65	22.5	33.35	6.36	34.73			
PK	7.32567G	52.36	74.00	-21.64	42.45	3	Horizontal	106	2.77	22.5	36.80	8.48	35.37			
AV	7.32666G	37.75	54.00	-16.25	27.83	3	Horizontal	106	2.77	22.5	36.81	8.48	35.37			

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

2457MHz_TX

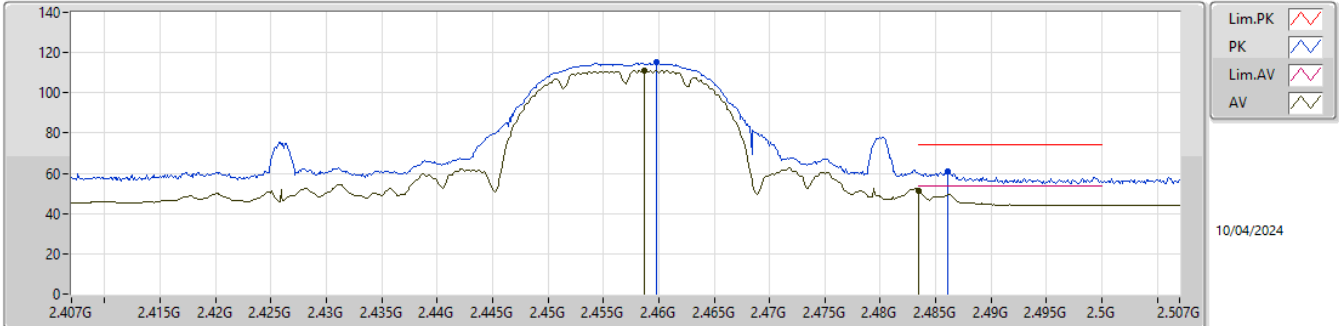


EUT_Y_2TX
SET 19.5
19\24\21.5\20.5\20\19.5
5.88\11.26\9.27\3.58\0.12\3.81

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	2.4543G	111.59	Inf	-Inf	78.91	3	Vertical	44	2.04	19.5	28.26	4.42	-			
AV	2.4552G	107.62	Inf	-Inf	74.95	3	Vertical	44	2.04	19.5	28.25	4.42	-			
PK	2.4835G	60.14	74.00	-13.86	27.37	3	Vertical	44	2.04	19.5	28.34	4.43	-			
AV	2.4835G	50.19	54.00	-3.81	17.42	3	Vertical	44	2.04	19.5	28.34	4.43	-			

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

2457MHz_TX

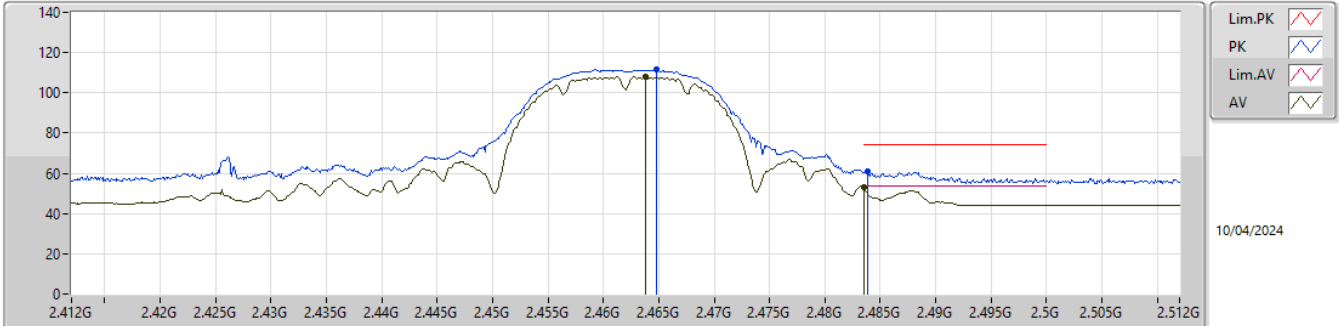


EUT_Y_2TX
SET 19.5
19.5
2.56

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	2.4598G	114.99	Inf	-Inf	82.37	3	Horizontal	33	2.13	19.5	28.20	4.42	-			
AV	2.4587G	111.02	Inf	-Inf	78.39	3	Horizontal	33	2.13	19.5	28.21	4.42	-			
PK	2.4861G	60.90	74.00	-13.10	28.10	3	Horizontal	33	2.13	19.5	28.36	4.44	-			
AV	2.4835G	51.44	54.00	-2.56	18.67	3	Horizontal	33	2.13	19.5	28.34	4.43	-			

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

2462MHz_TX

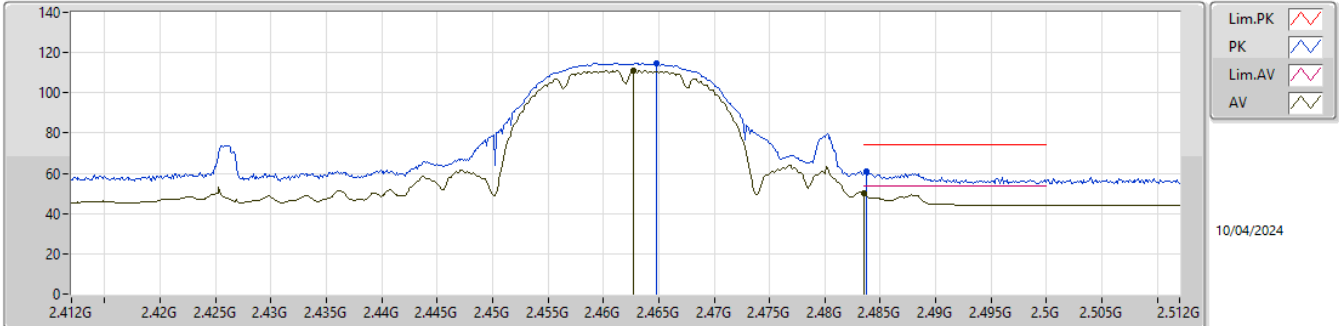


EUT_Y_2TX
SET 20
20\21\20.5\20
1.21\5.53\2.27\1.18

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	2.4648G	111.59	Inf	-Inf	78.92	3	Vertical	39	2.19	20	28.25	4.42	-			
AV	2.4638G	107.80	Inf	-Inf	75.14	3	Vertical	39	2.19	20	28.24	4.42	-			
PK	2.4838G	60.85	74.00	-13.15	28.08	3	Vertical	39	2.19	20	28.34	4.43	-			
AV	2.4835G	52.82	54.00	-1.18	20.05	3	Vertical	39	2.19	20	28.34	4.43	-			

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

2462MHz_TX

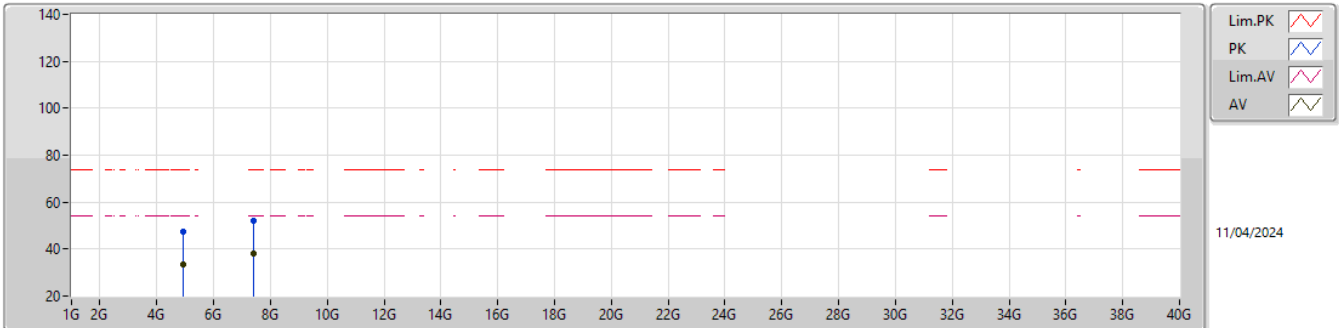


EUT_Y_2TX
SET 19
20\14.5\17\18\18.5\19.5\19
-5.41\8.91\9.09\8.57\7.20\ -0.93\3.88

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	2.4648G	114.74	Inf	-Inf	82.07	3	Horizontal	34	2.14	19	28.25	4.42	-				
AV	2.4627G	110.96	Inf	-Inf	78.31	3	Horizontal	34	2.14	19	28.23	4.42	-				
PK	2.4837G	60.81	74.00	-13.19	28.04	3	Horizontal	34	2.14	19	28.34	4.43	-				
AV	2.4835G	50.12	54.00	-3.88	17.35	3	Horizontal	34	2.14	19	28.34	4.43	-				

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

2462MHz_TX

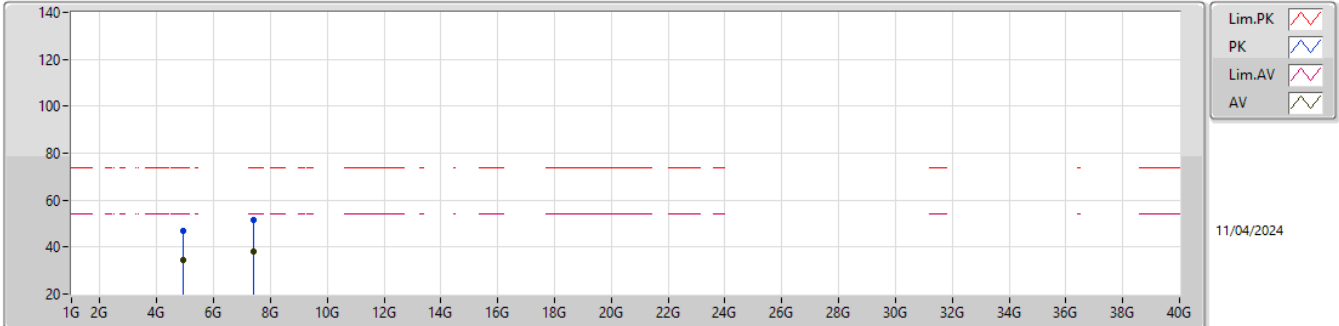


EUT_Y_2TX
SET 19
03-S-A-4

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	4.9417G	47.23	74.00	-26.77	41.98	3	Vertical	37	1.88	19	33.57	6.46	34.78				
AV	4.92408G	33.70	54.00	-20.30	28.54	3	Vertical	37	1.88	19	33.50	6.43	34.77				
PK	7.40406G	52.01	74.00	-21.99	41.95	3	Vertical	356	1.78	19	36.89	8.50	35.33				
AV	7.40362G	37.91	54.00	-16.09	27.85	3	Vertical	356	1.78	19	36.89	8.50	35.33				

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

2462MHz_TX

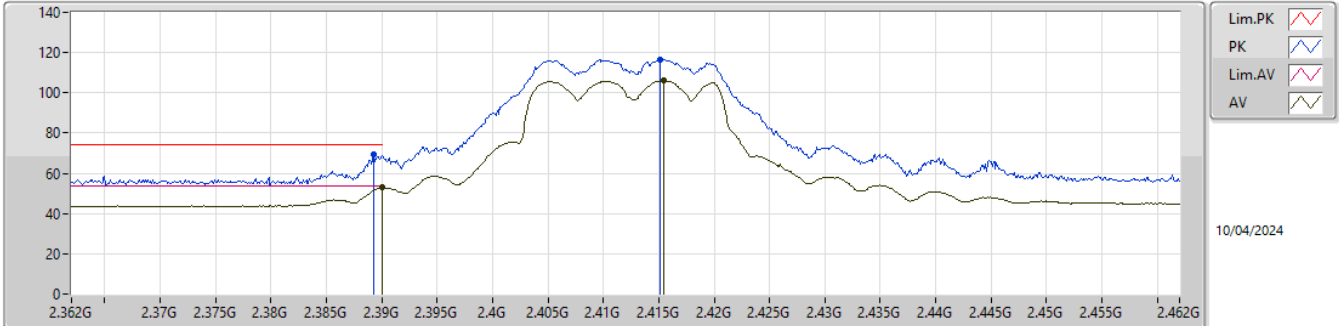


EUT_Y_2TX
SET 19
03-S-A-4

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	4.93519G	47.12	74.00	-26.88	41.91	3	Horizontal	78	1.48	19	33.54	6.45	34.78			
AV	4.92396G	34.67	54.00	-19.33	29.51	3	Horizontal	78	1.48	19	33.50	6.43	34.77			
PK	7.39575G	51.66	74.00	-22.34	41.59	3	Horizontal	240	1.56	19	36.90	8.50	35.33			
AV	7.40506G	37.86	54.00	-16.14	27.80	3	Horizontal	240	1.56	19	36.89	8.50	35.33			

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

2412MHz_TX

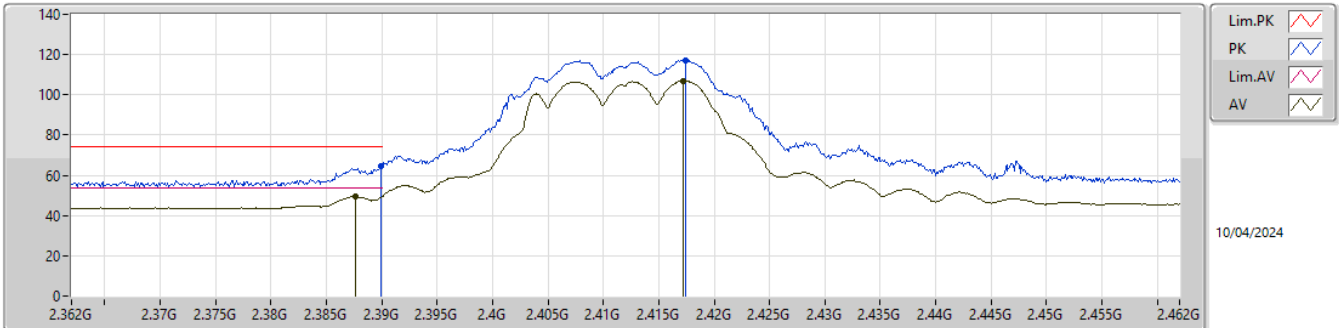


EUT_Y_2TX
SET 19.5
17\24\20.5\19\19.5\20\19.5
7.77\13.63\4.80\3.53\1.33\2.50\1.05

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	2.3893G	69.59	74.00	-4.41	36.93	3	Vertical	332	2.72	19.5	28.29	4.37	-			
AV	2.39G	52.95	54.00	-1.05	20.28	3	Vertical	332	2.72	19.5	28.30	4.37	-			
PK	2.4151G	116.43	Inf	-Inf	83.74	3	Vertical	332	2.72	19.5	28.30	4.39	-			
AV	2.4154G	106.05	Inf	-Inf	73.36	3	Vertical	332	2.72	19.5	28.30	4.39	-			

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

2412MHz_TX

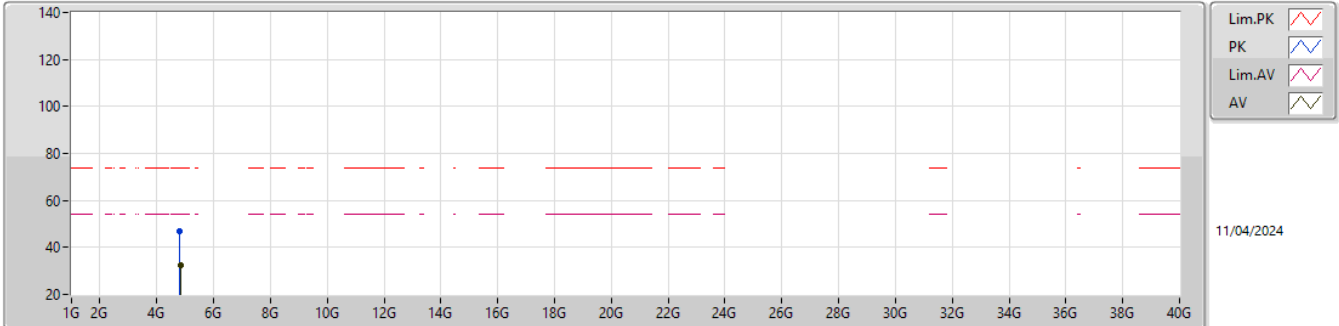


EUT_Y_2TX
SET 19.5
19.5
4.47

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	2.3899G	64.59	74.00	-9.41	31.92	3	Horizontal	38	2.09	19.5	28.30	4.37	-				
AV	2.3876G	49.53	54.00	-4.47	16.88	3	Horizontal	38	2.09	19.5	28.28	4.37	-				
PK	2.4174G	117.32	Inf	-Inf	84.63	3	Horizontal	38	2.09	19.5	28.30	4.39	-				
AV	2.4172G	106.98	Inf	-Inf	74.29	3	Horizontal	38	2.09	19.5	28.30	4.39	-				

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

2412MHz_TX

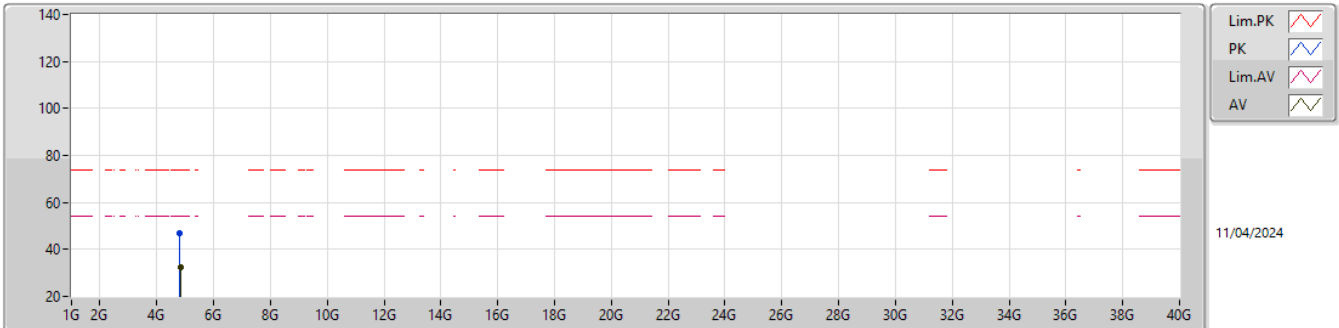


EUT Y_2TX
SET 19.5
03-S-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.82236G	46.74	74.00	-27.26	41.90	3	Vertical	360	1.80	19.5	33.24	6.29	34.69				
AV	4.8401G	32.55	54.00	-21.45	27.66	3	Vertical	360	1.80	19.5	33.28	6.32	34.71				

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

2412MHz_TX

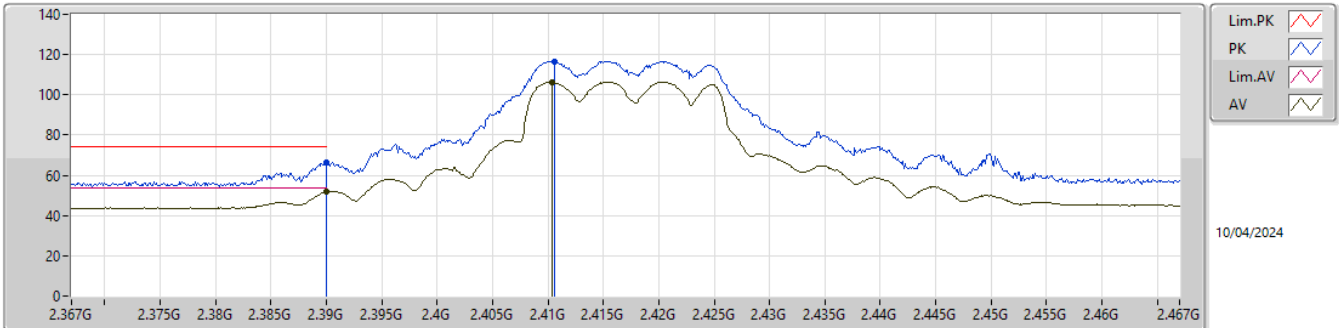


EUT Y_2TX
SET 19.5
03-S-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82248G	46.69	74.00	-27.31	41.85	3	Horizontal	105	1.13	19.5	33.24	6.29	34.69			
AV	4.83223G	32.56	54.00	-21.44	27.69	3	Horizontal	105	1.13	19.5	33.26	6.31	34.70			

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

2417MHz_TX

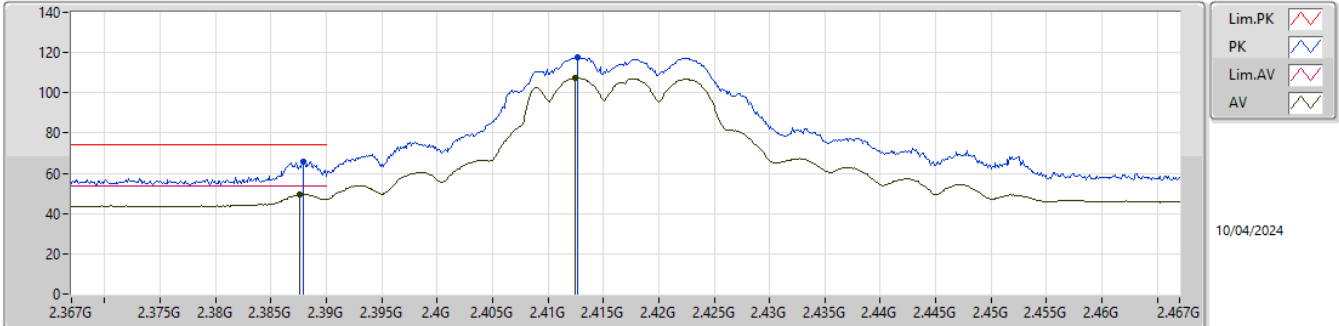


EUT_Y_2TX
SET 20
18.5\24\21.5\20.5\20
8.21\5.63\3.62\0.02\2.36

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	66.64	74.00	-7.36	33.97	3	Vertical	332	2.73	20	28.30	4.37	-			
AV	2.39G	51.64	54.00	-2.36	18.97	3	Vertical	332	2.73	20	28.30	4.37	-			
PK	2.4106G	116.73	Inf	-Inf	84.04	3	Vertical	332	2.73	20	28.30	4.39	-			
AV	2.4104G	106.30	Inf	-Inf	73.61	3	Vertical	332	2.73	20	28.30	4.39	-			

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

2417MHz_TX

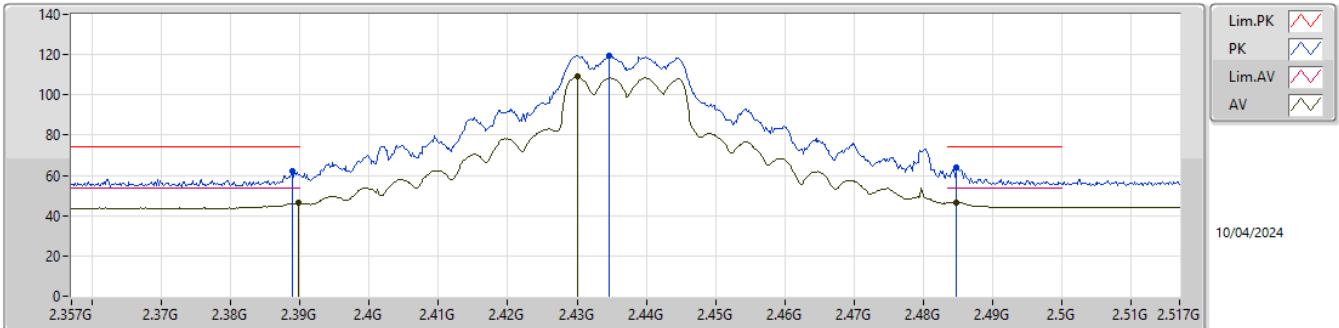


EUT_Y_2TX
SET 20
20
4.52

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	2.3879G	66.07	74.00	-7.93	33.42	3	Horizontal	41	2.00	20	28.28	4.37	-			
AV	2.3876G	49.48	54.00	-4.52	16.83	3	Horizontal	41	2.00	20	28.28	4.37	-			
PK	2.4127G	117.41	Inf	-Inf	84.72	3	Horizontal	41	2.00	20	28.30	4.39	-			
AV	2.4125G	107.32	Inf	-Inf	74.63	3	Horizontal	41	2.00	20	28.30	4.39	-			

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

2437MHz_TX

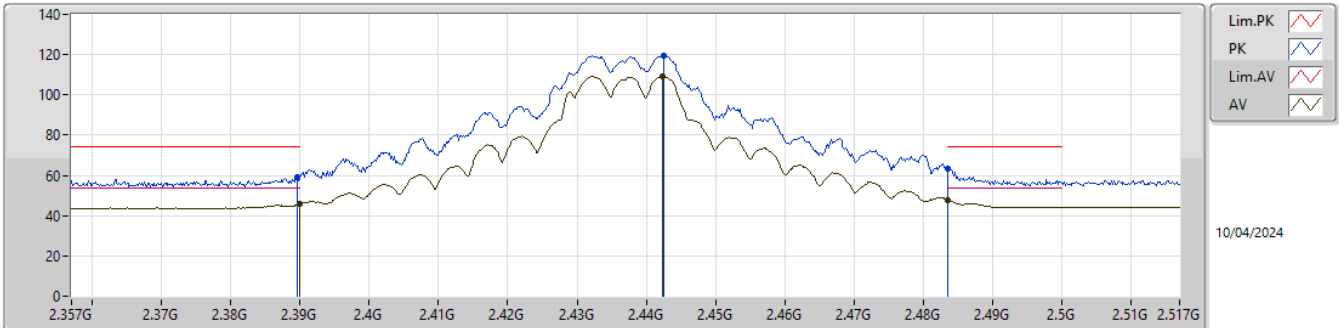


EUT_Y_2TX
SET 24
19.5\24
9.16\7.51

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	2.38884G	61.94	74.00	-12.06	29.28	3	Vertical	328	2.26	24	28.29	4.37	-			
AV	2.3898G	46.27	54.00	-7.73	13.60	3	Vertical	328	2.26	24	28.30	4.37	-			
PK	2.4346G	119.31	Inf	-Inf	86.61	3	Vertical	328	2.26	24	28.30	4.40	-			
AV	2.43012G	108.98	Inf	-Inf	76.28	3	Vertical	328	2.26	24	28.30	4.40	-			
PK	2.48484G	64.23	74.00	-9.77	31.44	3	Vertical	328	2.26	24	28.35	4.44	-			
AV	2.48468G	46.49	54.00	-7.51	13.70	3	Vertical	328	2.26	24	28.35	4.44	-			

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

2437MHz_TX

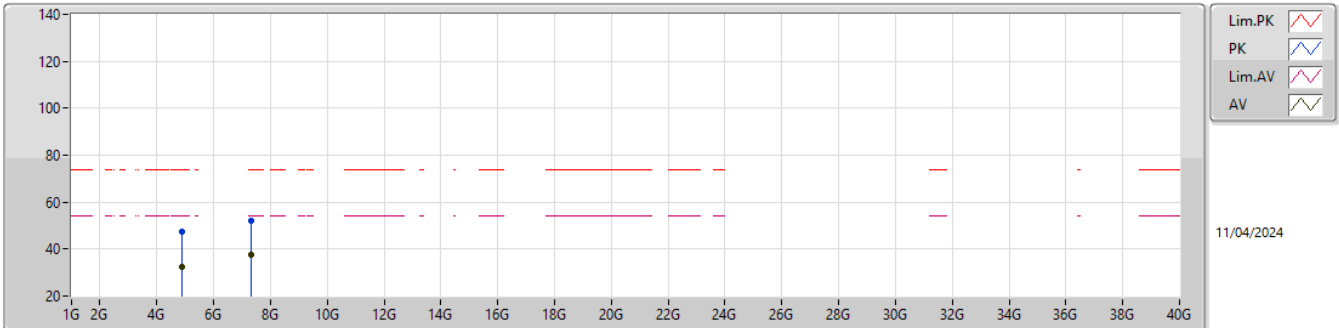


EUT_Y_2TX
SET 24
24
6.11

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	2.38964G	59.10	74.00	-14.90	26.43	3	Horizontal	32	1.80	24	28.30	4.37	-				
AV	2.38996G	45.70	54.00	-8.30	13.03	3	Horizontal	32	1.80	24	28.30	4.37	-				
PK	2.4426G	119.68	Inf	-Inf	86.97	3	Horizontal	32	1.80	24	28.30	4.41	-				
AV	2.44228G	109.30	Inf	-Inf	76.59	3	Horizontal	32	1.80	24	28.30	4.41	-				
PK	2.4835G	63.38	74.00	-10.62	30.61	3	Horizontal	32	1.80	24	28.34	4.43	-				
AV	2.4835G	47.89	54.00	-6.11	15.12	3	Horizontal	32	1.80	24	28.34	4.43	-				

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

2437MHz_TX

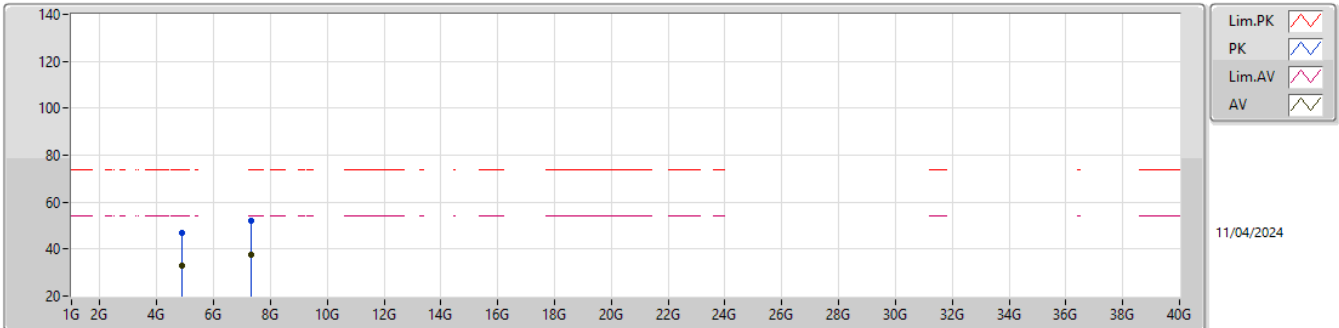


EUT_Y_2TX
SET 24
03-S-A-4

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	4.88195G	47.17	74.00	-26.83	42.18	3	Vertical	31	1.09	24	33.36	6.37	34.74				
AV	4.8768G	32.63	54.00	-21.37	27.64	3	Vertical	31	1.09	24	33.35	6.37	34.73				
PK	7.32475G	52.29	74.00	-21.71	42.38	3	Vertical	322	1.80	24	36.80	8.48	35.37				
AV	7.32678G	37.65	54.00	-16.35	27.73	3	Vertical	322	1.80	24	36.81	8.48	35.37				

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

2437MHz_TX

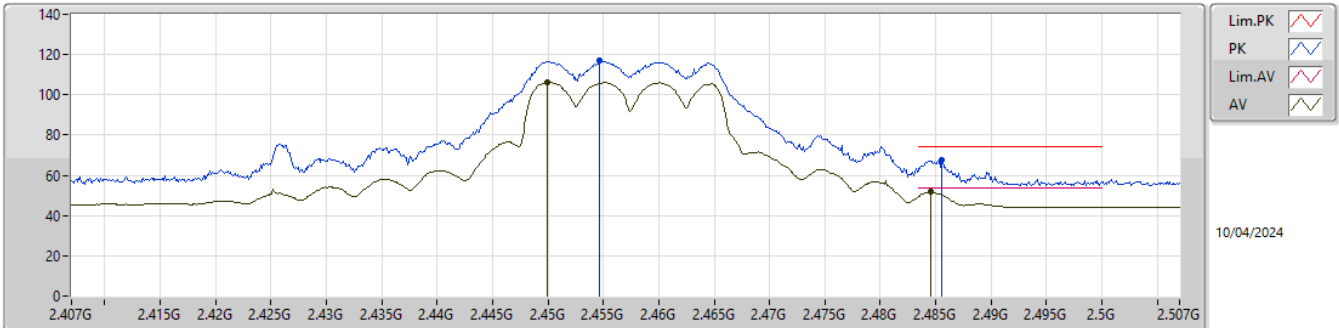


EUT_Y_2TX
SET 24
03-S-A-4

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	4.87576G	46.70	74.00	-27.30	41.71	3	Horizontal	46	2.88	24	33.35	6.37	34.73			
AV	4.8758G	32.76	54.00	-21.24	27.77	3	Horizontal	46	2.88	24	33.35	6.37	34.73			
PK	7.31124G	52.03	74.00	-21.97	42.19	3	Horizontal	351	1.80	24	36.74	8.48	35.38			
AV	7.3301G	37.67	54.00	-16.33	27.74	3	Horizontal	351	1.80	24	36.82	8.48	35.37			

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

2457MHz_TX

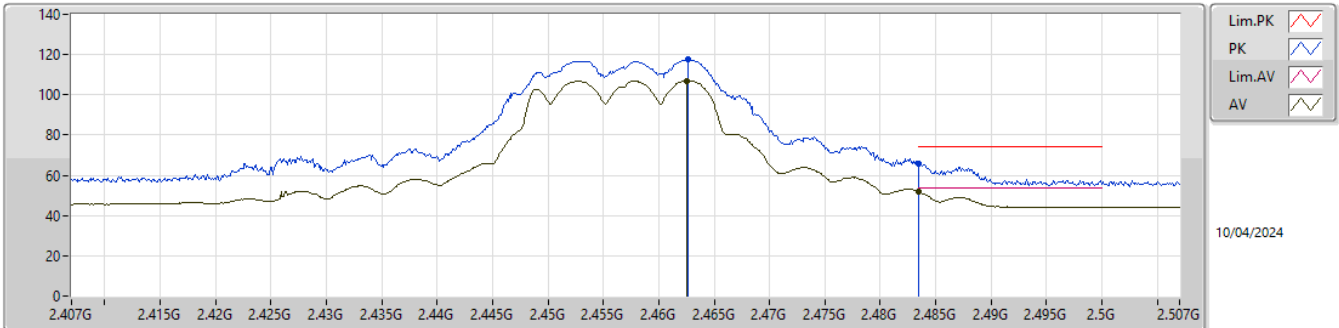


EUT_Y_2TX
SET 19.5
18.5\24\21.5\20.5\20\19.5
6.82\5.15\4.02\1.66\0.02\2.38

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	2.4546G	116.77	Inf	-Inf	84.10	3	Vertical	327	2.70	19.5	28.25	4.42	-				
AV	2.4499G	106.32	Inf	-Inf	73.61	3	Vertical	327	2.70	19.5	28.30	4.41	-				
PK	2.4855G	67.52	74.00	-6.48	34.72	3	Vertical	327	2.70	19.5	28.36	4.44	-				
AV	2.4846G	51.62	54.00	-2.38	18.84	3	Vertical	327	2.70	19.5	28.35	4.43	-				

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

2457MHz_TX

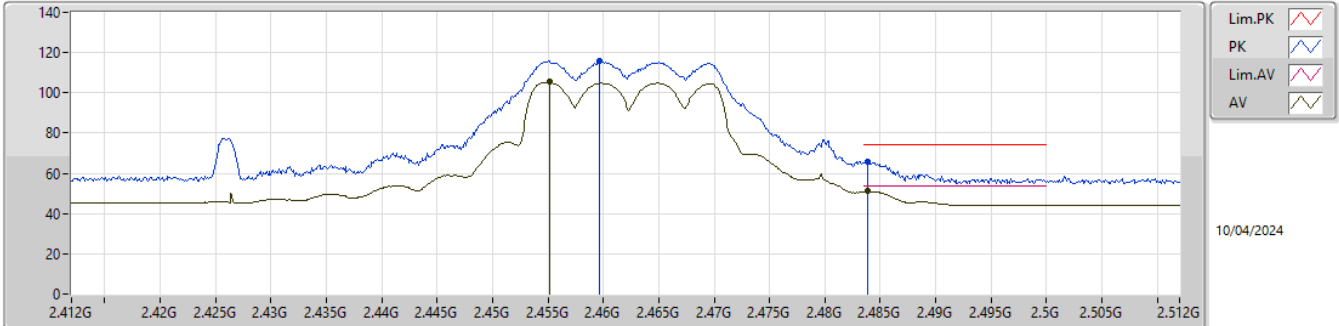


EUT_Y_2TX
SET 19
19.5\19
-0.15\2.15

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	117.40	Inf	-Inf	84.75	3	Horizontal	40	2.13	19	28.23	4.42	-				
AV	2.4625G	107.02	Inf	-Inf	74.37	3	Horizontal	40	2.13	19	28.23	4.42	-				
PK	2.4835G	65.79	74.00	-8.21	33.02	3	Horizontal	40	2.13	19	28.34	4.43	-				
AV	2.4835G	51.85	54.00	-2.15	19.08	3	Horizontal	40	2.13	19	28.34	4.43	-				

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

2462MHz_TX

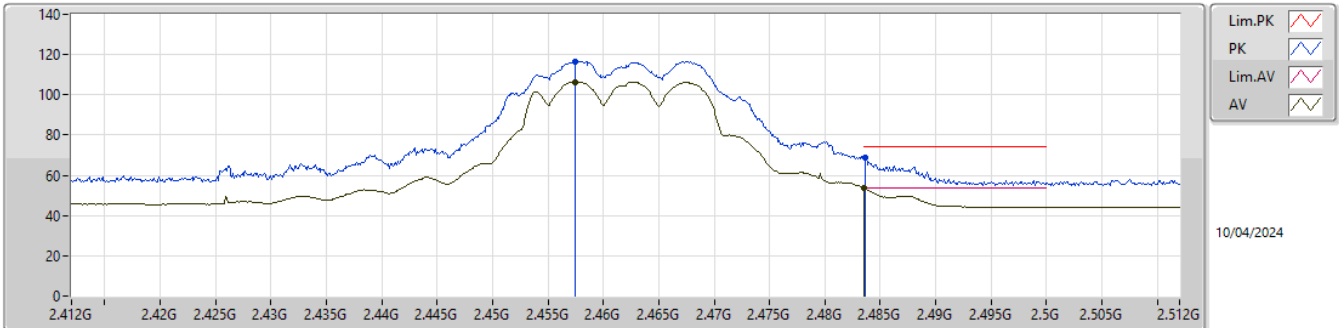


EUT_Y_2TX
SET 18.5
19.5\15.5\17.5\18.5\19\18.5
-3.61\8.84\6.81\2.54\1.12\2.88

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	2.4596G	115.73	Inf	-Inf	83.11	3	Vertical	325	2.70	18.5	28.20	4.42	-				
AV	2.4552G	105.41	Inf	-Inf	72.74	3	Vertical	325	2.70	18.5	28.25	4.42	-				
PK	2.4838G	66.07	74.00	-7.93	33.30	3	Vertical	325	2.70	18.5	28.34	4.43	-				
AV	2.4838G	51.12	54.00	-2.88	18.35	3	Vertical	325	2.70	18.5	28.34	4.43	-				

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

2462MHz_TX

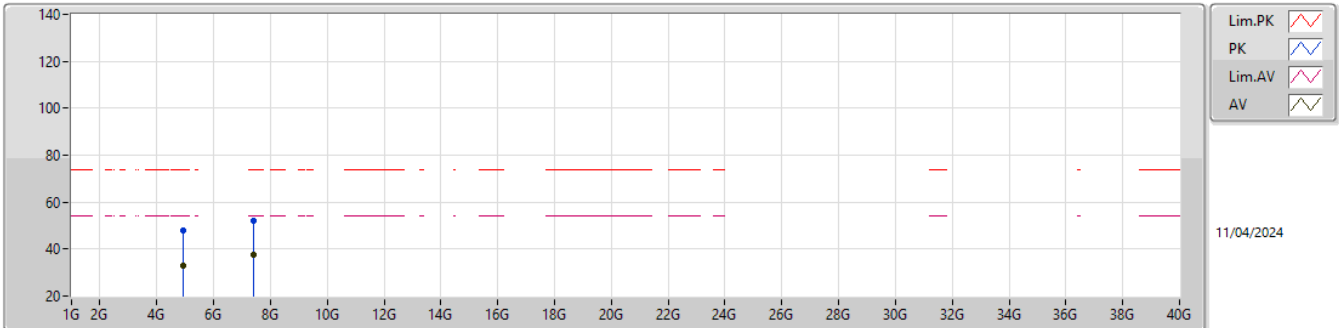


EUT_Y_2TX
SET 18.5
18.5
0.33

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	2.4575G	116.60	Inf	-Inf	83.95	3	Horizontal	37	2.12	18.5	28.23	4.42	-			
AV	2.4574G	106.49	Inf	-Inf	73.84	3	Horizontal	37	2.12	18.5	28.23	4.42	-			
PK	2.4836G	68.88	74.00	-5.12	36.11	3	Horizontal	37	2.12	18.5	28.34	4.43	-			
AV	2.4835G	53.67	54.00	-0.33	20.90	3	Horizontal	37	2.12	18.5	28.34	4.43	-			

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

2462MHz_TX

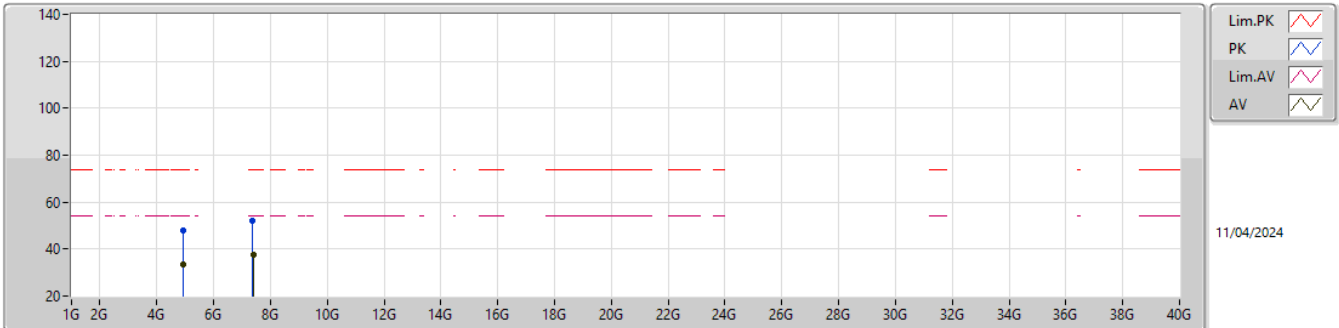


EUT Y_2TX
SET 18.5
03-S-A-4

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	4.93455G	48.00	74.00	-26.00	42.79	3	Vertical	36	1.80	18.5	33.54	6.45	34.78				
AV	4.94058G	33.02	54.00	-20.98	27.78	3	Vertical	36	1.80	18.5	33.56	6.46	34.78				
PK	7.39391G	52.06	74.00	-21.94	41.99	3	Vertical	302	1.65	18.5	36.90	8.50	35.33				
AV	7.40434G	37.79	54.00	-16.21	27.73	3	Vertical	302	1.65	18.5	36.89	8.50	35.33				

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

2462MHz_TX

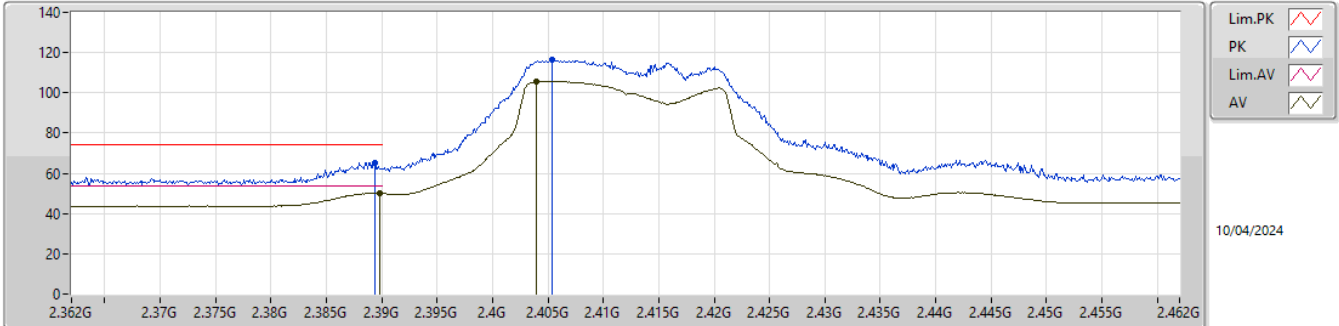


EUT Y_2TX
SET 18.5
03-S-A-4

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	4.913777G	47.86	74.00	-26.14	42.74	3	Horizontal	288	1.77	18.5	33.46	6.42	34.76				
AV	4.93383G	33.20	54.00	-20.80	27.99	3	Horizontal	288	1.77	18.5	33.54	6.45	34.78				
PK	7.37561G	52.02	74.00	-21.98	41.97	3	Horizontal	104	1.80	18.5	36.90	8.49	35.34				
AV	7.40486G	37.80	54.00	-16.20	27.74	3	Horizontal	104	1.80	18.5	36.89	8.50	35.33				

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

2412MHz_TX

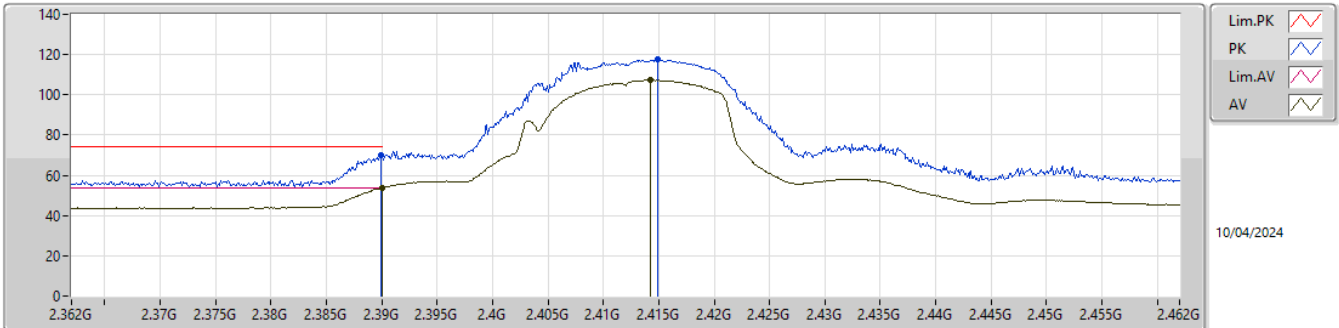


EUT_Y_2TX
SET 19.5
19.5\23\21.5\21\18.5\19.5
3.90\12.10\7.87\4.81\6.88\3.93

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	2.3894G	65.45	74.00	-8.55	32.79	3	Vertical	332	2.70	19.5	28.29	4.37	-			
AV	2.3898G	50.07	54.00	-3.93	17.40	3	Vertical	332	2.70	19.5	28.30	4.37	-			
PK	2.4054G	116.29	Inf	-Inf	83.61	3	Vertical	332	2.70	19.5	28.30	4.38	-			
AV	2.404G	105.63	Inf	-Inf	72.95	3	Vertical	332	2.70	19.5	28.30	4.38	-			

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

2412MHz_TX

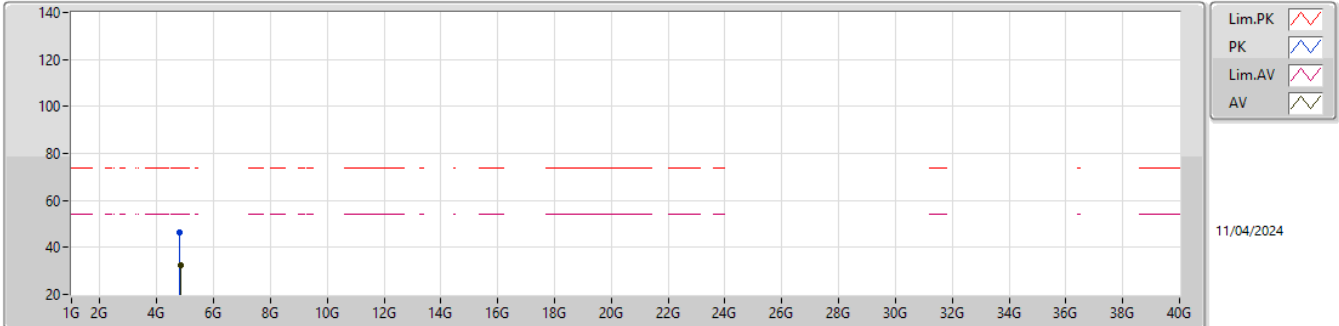


EUT_Y_2TX
SET 19.5
19.5
0.29

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	2.3899G	69.87	74.00	-4.13	37.20	3	Horizontal	40	2.00	19.5	28.30	4.37	-			
AV	2.39G	53.71	54.00	-0.29	21.04	3	Horizontal	40	2.00	19.5	28.30	4.37	-			
PK	2.4149G	117.67	Inf	-Inf	84.98	3	Horizontal	40	2.00	19.5	28.30	4.39	-			
AV	2.4142G	107.30	Inf	-Inf	74.61	3	Horizontal	40	2.00	19.5	28.30	4.39	-			

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

2412MHz_TX

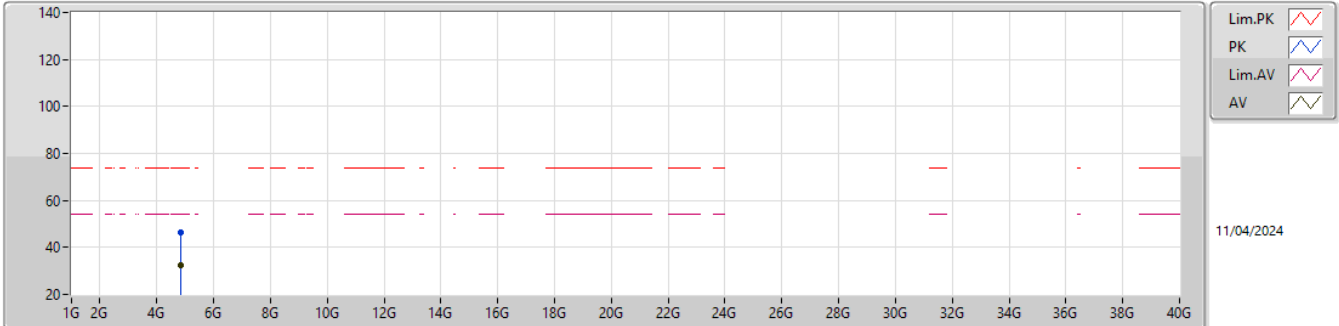


EUT_Y_2TX
SET 19.5
03-S-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.81489G	46.39	74.00	-27.61	41.57	3	Vertical	324	2.48	19.5	33.23	6.28	34.69			
AV	4.82991G	32.45	54.00	-21.55	27.59	3	Vertical	324	2.48	19.5	33.26	6.30	34.70			

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

2412MHz_TX

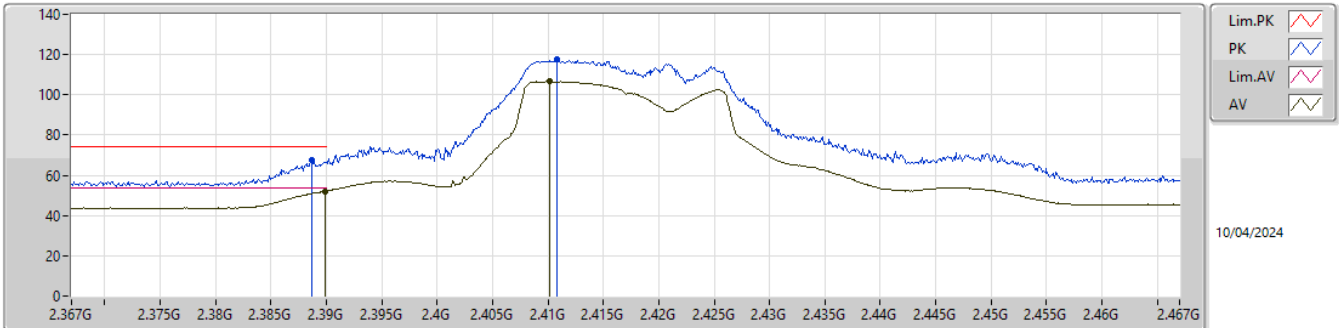


EUT_Y_2TX
SET 19.5
03-S-A-4

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	4.83103G	46.48	74.00	-27.52	41.62	3	Horizontal	353	1.80	19.5	33.26	6.30	34.70			
AV	4.83982G	32.53	54.00	-21.47	27.64	3	Horizontal	353	1.80	19.5	33.28	6.32	34.71			

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

2417MHz_TX

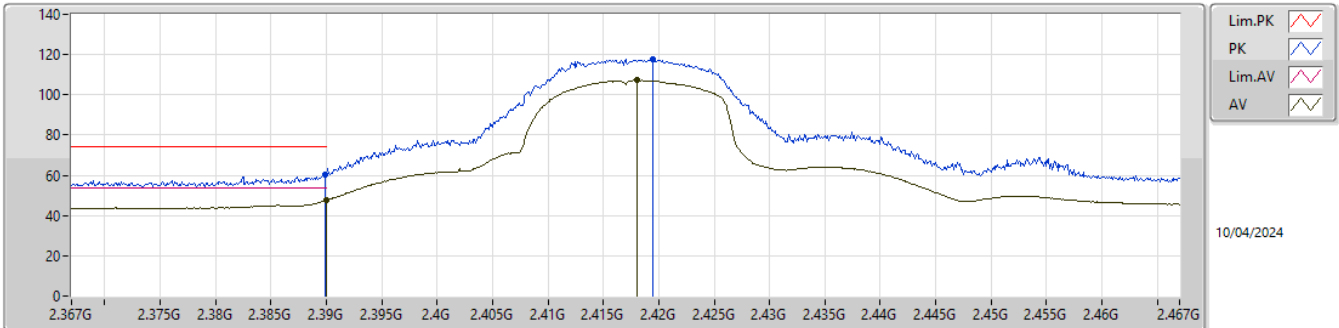


EUT_Y_2TX
SET 20
20\21.5\21\20.5\20
1.69\ -4.33\ -2.49\ -0.59\ 1.91

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	2.3887G	67.42	74.00	-6.58	34.76	3	Vertical	332	2.70	20	28.29	4.37	-			
AV	2.3899G	52.09	54.00	-1.91	19.42	3	Vertical	332	2.70	20	28.30	4.37	-			
PK	2.4108G	117.43	Inf	-Inf	84.74	3	Vertical	332	2.70	20	28.30	4.39	-			
AV	2.4101G	106.68	Inf	-Inf	73.99	3	Vertical	332	2.70	20	28.30	4.39	-			

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

2417MHz_TX

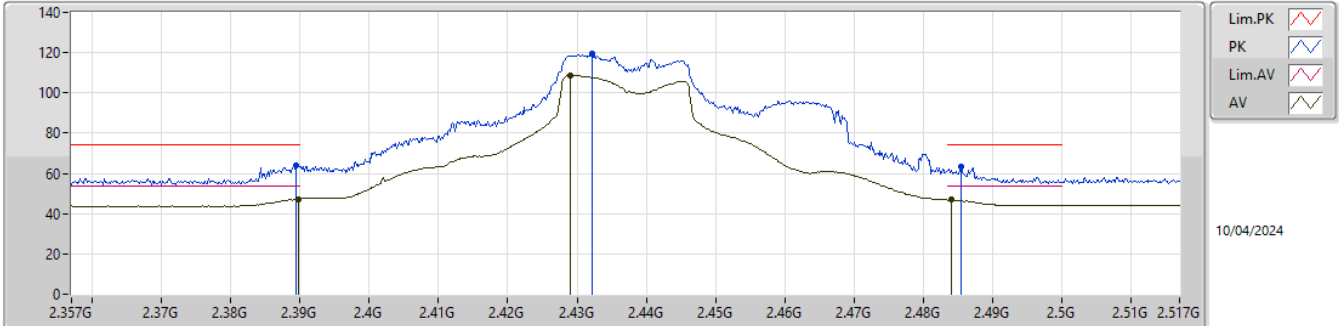


EUT_Y_2TX
SET 20
20
6.48

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	2.3899G	60.51	74.00	-13.49	27.84	3	Horizontal	34	1.90	20	28.30	4.37	-			
AV	2.39G	47.52	54.00	-6.48	14.85	3	Horizontal	34	1.90	20	28.30	4.37	-			
PK	2.4195G	117.56	Inf	-Inf	84.87	3	Horizontal	34	1.90	20	28.30	4.39	-			
AV	2.418G	107.25	Inf	-Inf	74.56	3	Horizontal	34	1.90	20	28.30	4.39	-			

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

2437MHz_TX

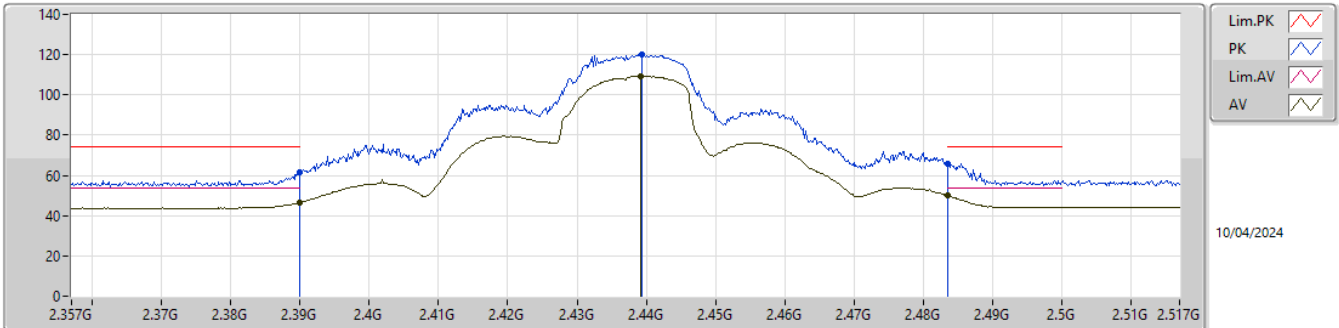


EUT_Y_2TX
SET 24
24
6.69

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	2.38948G	63.86	74.00	-10.14	31.20	3	Vertical	332	2.26	24	28.29	4.37	-				
AV	2.3898G	47.31	54.00	-6.69	14.64	3	Vertical	332	2.26	24	28.30	4.37	-				
PK	2.4322G	119.34	Inf	-Inf	86.64	3	Vertical	332	2.26	24	28.30	4.40	-				
AV	2.429G	108.52	Inf	-Inf	75.82	3	Vertical	332	2.26	24	28.30	4.40	-				
PK	2.48548G	63.45	74.00	-10.55	30.66	3	Vertical	332	2.26	24	28.35	4.44	-				
AV	2.48404G	46.89	54.00	-7.11	14.12	3	Vertical	332	2.26	24	28.34	4.43	-				

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

2437MHz_TX

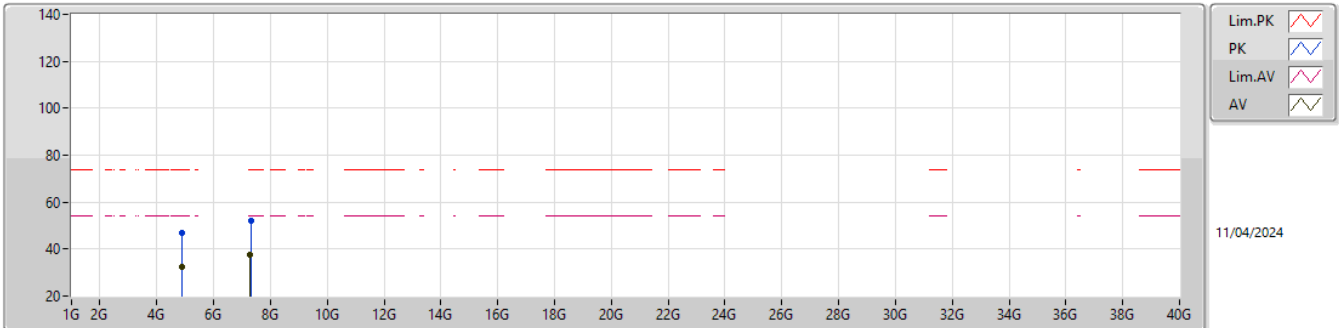


EUT_Y_2TX
SET 24
24
4.16

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	2.38996G	61.80	74.00	-12.20	29.13	3	Horizontal	36	1.79	24	28.30	4.37	-			
AV	2.38996G	46.47	54.00	-7.53	13.80	3	Horizontal	36	1.79	24	28.30	4.37	-			
PK	2.4394G	119.95	Inf	-Inf	87.24	3	Horizontal	36	1.79	24	28.30	4.41	-			
AV	2.43924G	109.36	Inf	-Inf	76.65	3	Horizontal	36	1.79	24	28.30	4.41	-			
PK	2.4835G	65.63	74.00	-8.37	32.86	3	Horizontal	36	1.79	24	28.34	4.43	-			
AV	2.4835G	49.84	54.00	-4.16	17.07	3	Horizontal	36	1.79	24	28.34	4.43	-			

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

2437MHz_TX

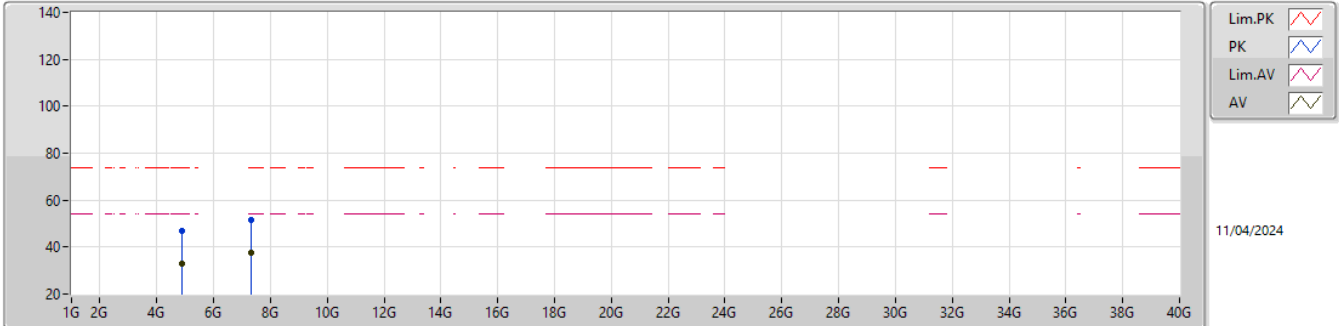


EUT_Y_2TX
SET 24
03-S-A-4

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	4.86988G	46.79	74.00	-27.21	41.82	3	Vertical	68	2.18	24	33.34	6.36	34.73				
AV	4.86709G	32.62	54.00	-21.38	27.67	3	Vertical	68	2.18	24	33.33	6.35	34.73				
PK	7.32331G	51.95	74.00	-22.05	42.05	3	Vertical	270	1.79	24	36.79	8.48	35.37				
AV	7.29122G	37.47	54.00	-16.53	27.73	3	Vertical	270	1.79	24	36.66	8.47	35.39				

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

2437MHz_TX

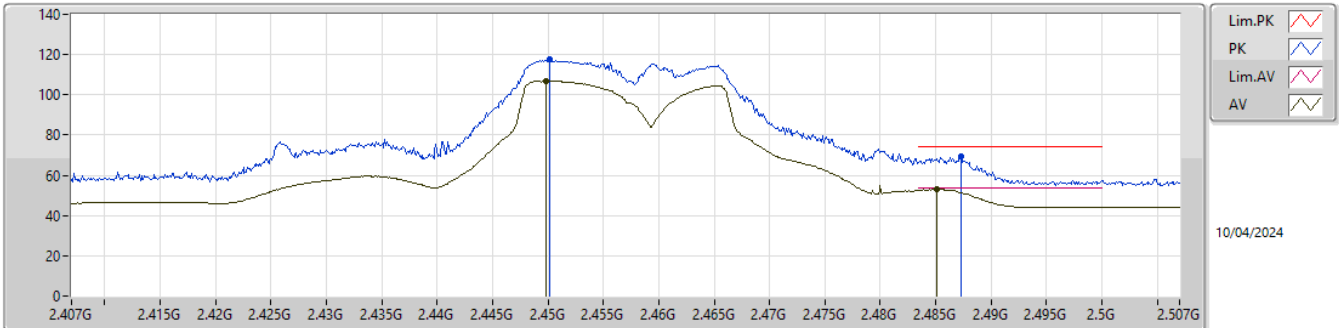


EUT_Y_2TX
SET 24
03-S-A-4

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	4.87476G	47.05	74.00	-26.95	42.07	3	Horizontal	280	1.80	24	33.35	6.36	34.73			
AV	4.87636G	32.79	54.00	-21.21	27.80	3	Horizontal	280	1.80	24	33.35	6.37	34.73			
PK	7.31268G	51.64	74.00	-22.36	41.79	3	Horizontal	1	1.80	24	36.75	8.48	35.38			
AV	7.33034G	37.66	54.00	-16.34	27.73	3	Horizontal	1	1.80	24	36.82	8.48	35.37			

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

2457MHz_TX

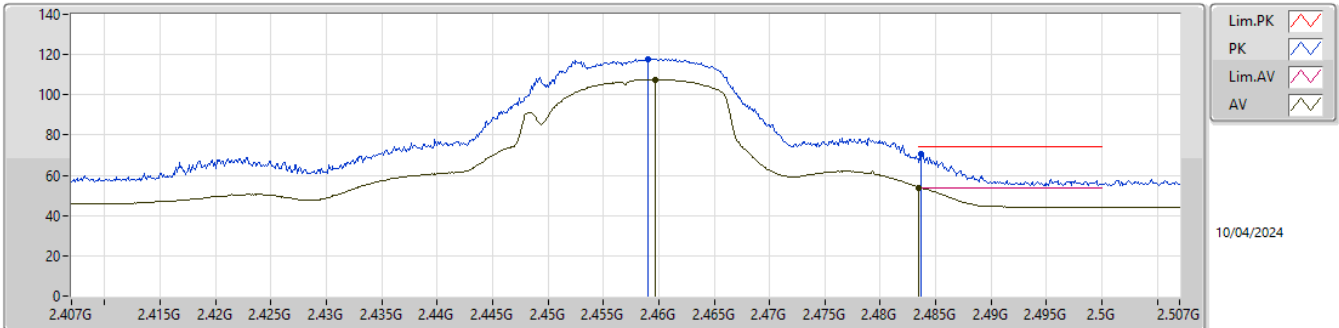


EUT_Y_2TX
SET 20
19\24\21.5\20.5\20
5.61\ -4.25\ -3.29\ -0.81\ 0.98

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	2.4502G	117.64	Inf	-Inf	84.93	3	Vertical	328	2.70	20	28.30	4.41	-			
AV	2.4498G	106.80	Inf	-Inf	74.09	3	Vertical	328	2.70	20	28.30	4.41	-			
PK	2.4873G	69.34	74.00	-4.66	36.53	3	Vertical	328	2.70	20	28.37	4.44	-			
AV	2.4851G	53.02	54.00	-0.98	20.23	3	Vertical	328	2.70	20	28.35	4.44	-			

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

2457MHz_TX

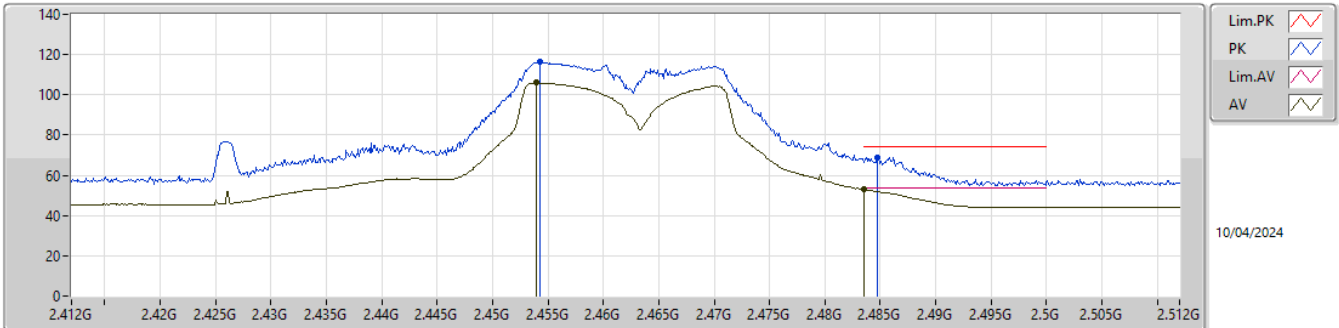


EUT_Y_2TX
SET 19.5
20\17\18.5\19\19.5
-2.80\8.12\4.95\2.45\0.03

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	2.459G	117.94	Inf	-Inf	85.31	3	Horizontal	37	2.13	19.5	28.21	4.42	-				
AV	2.4597G	107.69	Inf	-Inf	75.07	3	Horizontal	37	2.13	19.5	28.20	4.42	-				
PK	2.4837G	70.42	74.00	-3.58	37.65	3	Horizontal	37	2.13	19.5	28.34	4.43	-				
AV	2.4835G	53.97	54.00	-0.03	21.20	3	Horizontal	37	2.13	19.5	28.34	4.43	-				

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

2462MHz_TX

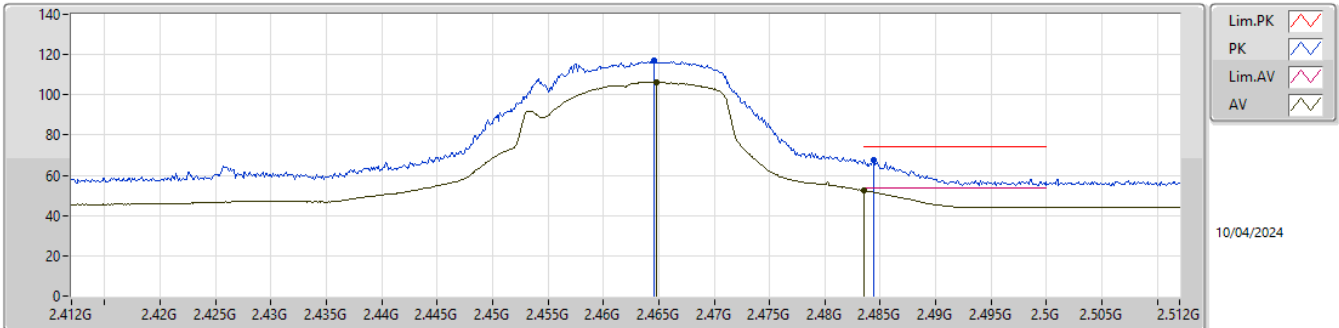


EUT_Y_2TX
SET 19
18.5\21.5\20\19.5\19
3.37\5.62\2.60\1.56\1.10

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	2.4543G	116.56	Inf	-Inf	83.88	3	Vertical	325	2.71	19	28.26	4.42	-			
AV	2.454G	106.13	Inf	-Inf	73.45	3	Vertical	325	2.71	19	28.26	4.42	-			
PK	2.4847G	68.92	74.00	-5.08	36.13	3	Vertical	325	2.71	19	28.35	4.44	-			
AV	2.4835G	52.90	54.00	-1.10	20.13	3	Vertical	325	2.71	19	28.34	4.43	-			

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

2462MHz_TX

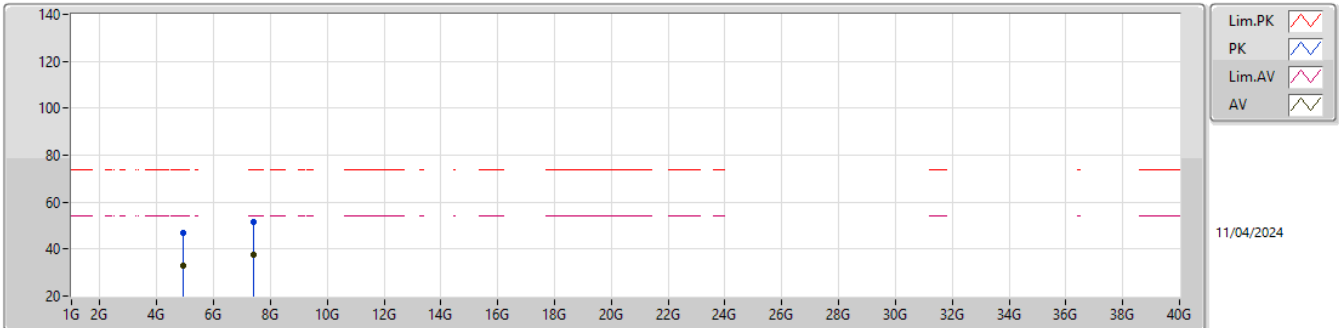


EUT_Y_2TX
SET 18
19\13\16\17.5\18\18.5\18
-5.75\7.86\6.59\4.46\1.58\0.83\1.61

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	2.4646G	116.79	Inf	-Inf	84.12	3	Horizontal	39	2.16	18	28.25	4.42	-			
AV	2.4648G	106.27	Inf	-Inf	73.60	3	Horizontal	39	2.16	18	28.25	4.42	-			
PK	2.4844G	67.55	74.00	-6.45	34.78	3	Horizontal	39	2.16	18	28.34	4.43	-			
AV	2.4835G	52.39	54.00	-1.61	19.62	3	Horizontal	39	2.16	18	28.34	4.43	-			

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

2462MHz_TX

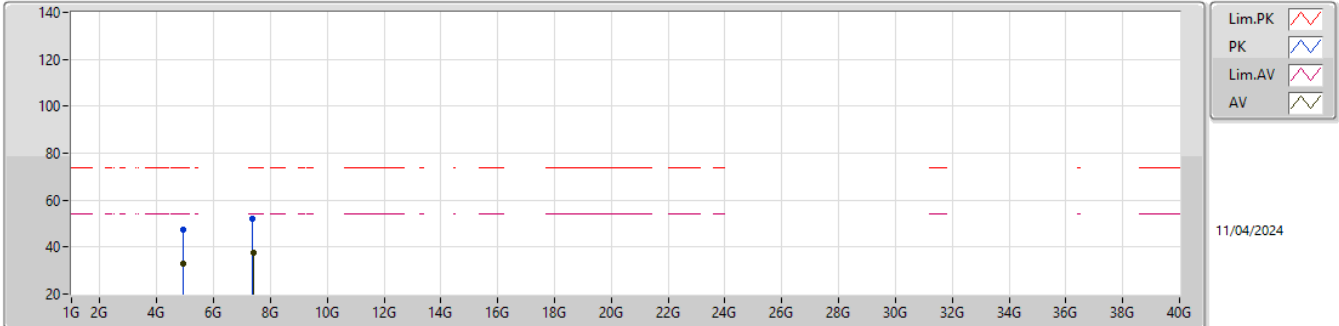


EUT_Y_2TX
SET 18
03-S-A-4

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	4.9419G	46.75	74.00	-27.25	41.50	3	Vertical	310	1.78	18	33.57	6.46	34.78				
AV	4.94126G	33.06	54.00	-20.94	27.81	3	Vertical	310	1.78	18	33.57	6.46	34.78				
PK	7.39819G	51.74	74.00	-22.26	41.67	3	Vertical	55	1.15	18	36.90	8.50	35.33				
AV	7.40214G	37.76	54.00	-16.24	27.69	3	Vertical	55	1.15	18	36.90	8.50	35.33				

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

2462MHz_TX

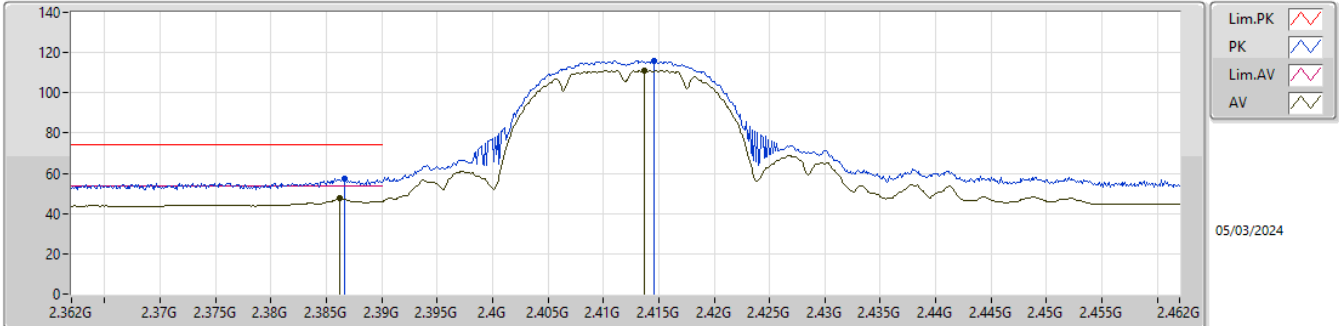


EUT_Y_2TX
SET 18
03-S-A-4

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	4.94134G	47.53	74.00	-26.47	42.28	3	Horizontal	62	1.06	18	33.57	6.46	34.78			
AV	4.91405G	32.91	54.00	-21.09	27.79	3	Horizontal	62	1.06	18	33.46	6.42	34.76			
PK	7.37933G	52.32	74.00	-21.68	42.27	3	Horizontal	157	1.80	18	36.90	8.49	35.34			
AV	7.40083G	37.77	54.00	-16.23	27.70	3	Horizontal	157	1.80	18	36.90	8.50	35.33			

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

2412MHz_TX

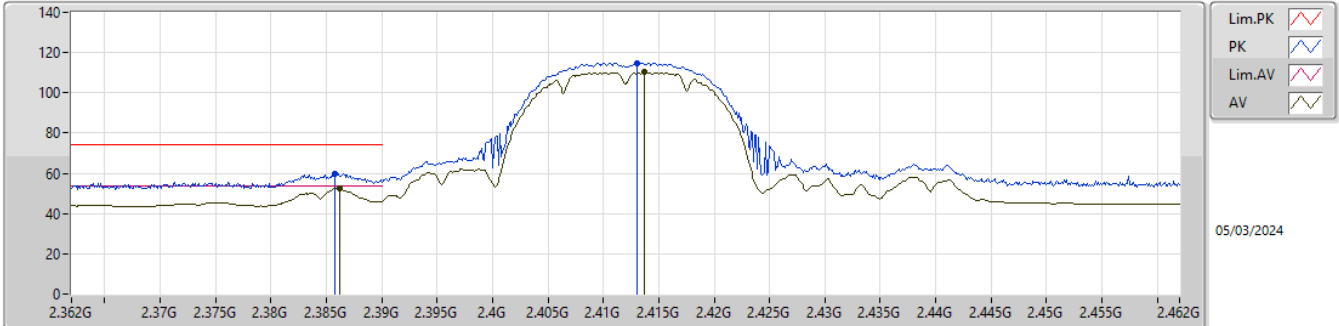


EUT_X_4TX
SET 19.5
19.5\26\23\21.5\21\18.5\19.5
6.66\10.66\12.51\8.10\4.34\7.03\6.58

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	57.34	74.00	-16.66	24.99	3	Vertical	14	1.80	19.5	27.70	4.65	-			
AV	2.3862G	47.42	54.00	-6.58	15.07	3	Vertical	14	1.80	19.5	27.70	4.65	-			
PK	2.4146G	115.83	Inf	-Inf	83.52	3	Vertical	14	1.80	19.5	27.65	4.66	-			
AV	2.4137G	111.18	Inf	-Inf	78.88	3	Vertical	14	1.80	19.5	27.64	4.66	-			

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

2412MHz_TX

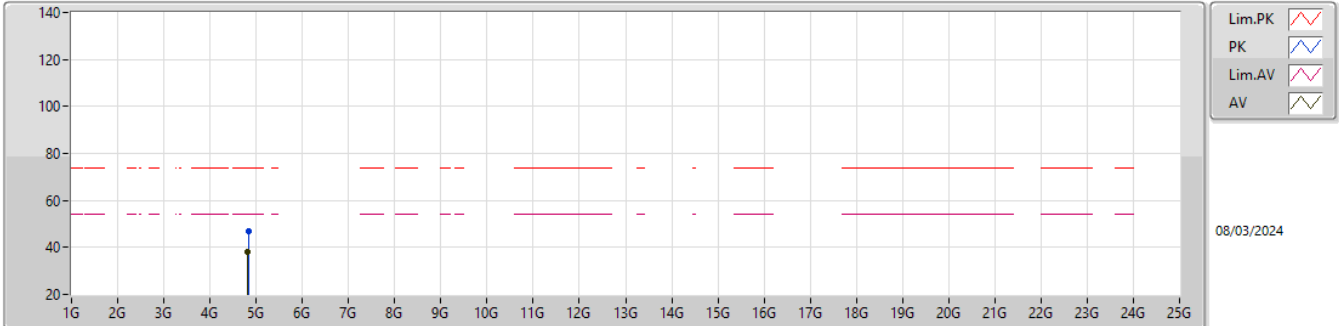


EUT_X_4TX
SET 19.5
19.5
1.44

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	2.3858G	59.98	74.00	-14.02	27.63	3	Horizontal	317	1.12	19.5	27.70	4.65	-			
AV	2.3862G	52.56	54.00	-1.44	20.21	3	Horizontal	317	1.12	19.5	27.70	4.65	-			
PK	2.413G	114.85	Inf	-Inf	82.56	3	Horizontal	317	1.12	19.5	27.63	4.66	-			
AV	2.4137G	110.22	Inf	-Inf	77.92	3	Horizontal	317	1.12	19.5	27.64	4.66	-			

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

2412MHz_TX

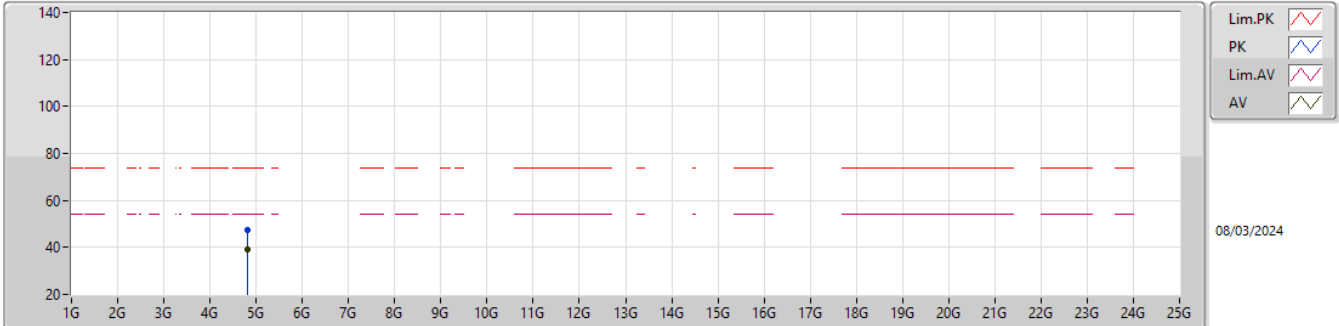


EUT_X_4TX
SET 19.5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.8384G	47.14	74.00	-26.86	41.86	3	Vertical	312	2.95	19.5	31.30	6.95	32.97				
AV	4.82388G	38.11	54.00	-15.89	32.85	3	Vertical	312	2.95	19.5	31.30	6.93	32.97				

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

2412MHz_TX

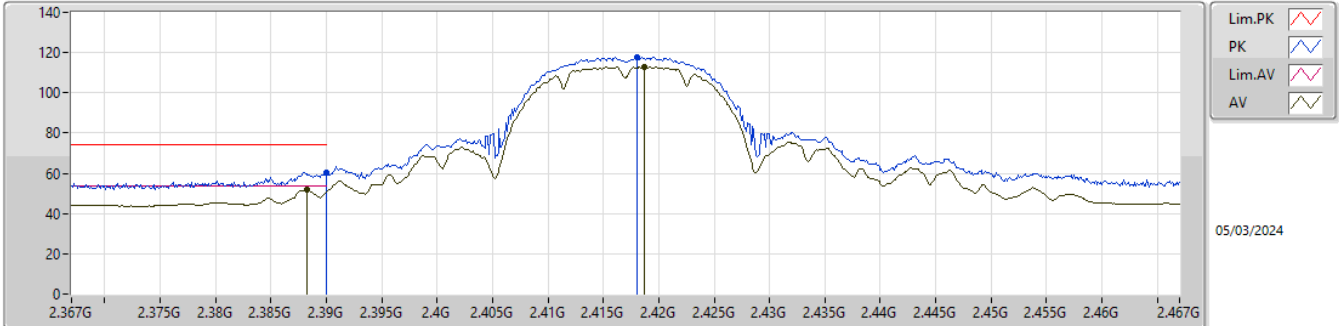


EUT_X_4TX
SET 19.5

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	4.82408G	47.41	74.00	-26.59	42.15	3	Horizontal	66	1.80	19.5	31.30	6.93	32.97			
AV	4.82404G	39.08	54.00	-14.92	33.82	3	Horizontal	66	1.80	19.5	31.30	6.93	32.97			

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

2417MHz_TX

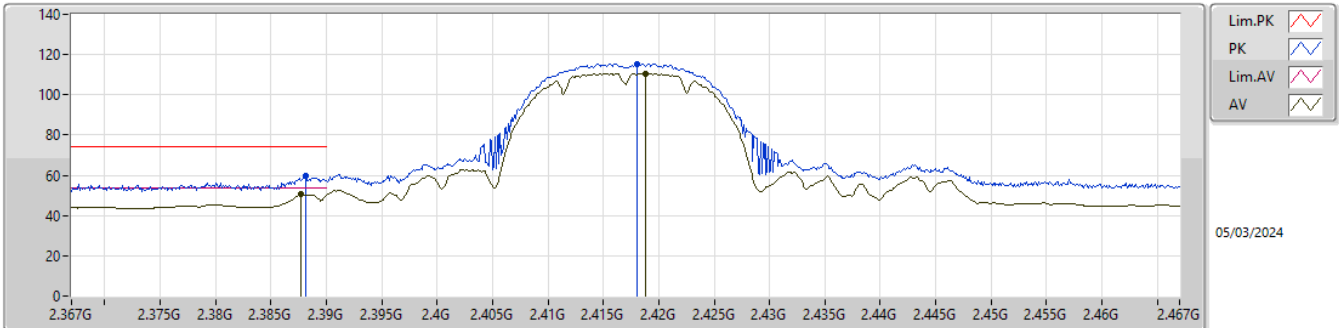


EUT_X_4TX
SET 20.5
17\25\21\19\20\20.5
8.03\ -10.41\ -2.02\ 7.74\ 4.77\ 2.12

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	60.59	74.00	-13.41	28.23	3	Vertical	14	1.80	20.5	27.70	4.66	-			
AV	2.3882G	51.88	54.00	-2.12	19.53	3	Vertical	14	1.80	20.5	27.70	4.65	-			
PK	2.418G	117.65	Inf	-Inf	85.32	3	Vertical	14	1.80	20.5	27.68	4.65	-			
AV	2.4187G	112.94	Inf	-Inf	80.60	3	Vertical	14	1.80	20.5	27.69	4.65	-			

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

2417MHz_TX



EUT_X_4TX
SET 19.5
20.5\17.5\19\19.5\20\19.5
-2.97\7.34\4.90\3.32\ -0.42\3.30

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	2.3881G	59.48	74.00	-14.52	27.13	3	Horizontal	316	1.13	19.5	27.70	4.65	-			
AV	2.3877G	50.70	54.00	-3.30	18.35	3	Horizontal	316	1.13	19.5	27.70	4.65	-			
PK	2.418G	115.38	Inf	-Inf	83.05	3	Horizontal	316	1.13	19.5	27.68	4.65	-			
AV	2.4188G	110.70	Inf	-Inf	78.36	3	Horizontal	316	1.13	19.5	27.69	4.65	-			