

FCC Radio Test Report

FCC ID : TOR-C460
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-460E
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.247

The product was received on May 23, 2024, and testing was started from May 24, 2024 and completed on Jun. 05, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR392143-02AC	01	Initial issue of report	Sep. 16, 2024

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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.

Reviewed by: Terry Chang

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Radio 0

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

Radio 0_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Radio 0_Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Radio 1

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

Radio 1_Non-Beamforming

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

Radio 1_Beamforming

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

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated HEW20/HEW40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.(Radio 0)
- ♦ Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40 mode are the same or lower than EHT20/EHT40. (Radio 1)

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	Radio 1_2.4G Radio 3_5G Radio 2_6E
2	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	
3	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	
4	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	Radio 1_2.4G Radio 3_5G Radio 2_6E
5	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	
6	WHAYU	C393-510225-A	Dipole	Reverse SMA	2.4G+5G+6E	
7	WHAYU	C393-510296-A	Dipole	I-Pex	BT	-
8	WHAYU	C393-510296-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)				
		2.4G	5G	6E	BT	GPS
1	1	4.9	6.1	5.1	-	-
2	2	5.7	6.9	5.1	-	-
3	1	4	6	5.1	-	-
4	3	5.1	6.9	5.3	-	-
5	4	6.3	5.9	5.3	-	-
6	2	4	5	5.3	-	-
7	1	-	-	-	5.5	-
8	1	-	-	-	-	4.5

Note 1: The EUT has eight antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) < **Radio 1** >

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

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) < **Radio 3** >

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

For 6GHz function:

For IEEE 802.11axmode (2TX/2RX) < **Radio 0** >

Ant. 3 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) < **Radio 2** >

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

For BT function:

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

Ant. 7 could transmit/receive.

Note 2: Directional gain information

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Radio 0_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.945	0.25	17.986m	100
802.11g_Nss1,(6Mbps)_2TX	0.946	0.24	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.808	0.93	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.81	0.92	5.447m	300

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

Radio 1_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_4TX	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_4TX	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.978	0.1	5.448m	300
802.11be EHT40_Nss1,(MCS0)_4TX	0.978	0.1	5.448m	300

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

Radio 0_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.808	0.93	5.447m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.81	0.92	5.447m	300

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

Radio 1_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.978	0.1	5.448m	300
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.978	0.1	5.448m	300

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR392143AC

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Model name was added. (C-460E) (Wi-Fi Antenna change to External Antenna)	All test items

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	23.1~24.5°C / 52~ 56%	31/May/2024
RF Conducted	TH07-HY	Yuna Lin	23.1~23.4°C / 54~56%	29/May/2024
Radiated	03CH03-HY	Edward Wang	21.9~23.4°C / 55~58%	24/May/2024~28/May/2024
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Co-location)	03CH24-HY	Lego Lin	20.1~22.3°C / 61~65%	04/Jun/2024~05/Jun/2024

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099
-----------------------	------------------------------------

Radio 0_Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2437MHz	16.5
2457MHz	16.5
2462MHz	16
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5

**Radio 1_Non-Beamforming**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	19
2437MHz	19
2462MHz	19
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	19
2437MHz	19
2457MHz	19
2462MHz	17
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	19
2437MHz	19
2457MHz	19
2462MHz	14.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
2422MHz	18
2437MHz	19
2447MHz	14.5
2452MHz	13.5

**Radio 0 Beamforming**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2437MHz	16.5
2457MHz	16.5
2462MHz	16
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5

Radio 1 Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	18
2437MHz	18.5
2457MHz	18.5
2462MHz	14.5
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	18
2437MHz	18.5
2447MHz	14.5
2452MHz	13.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode
2	PoE Mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter Mode		
2	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V(Radio 1)	V(Radio 0)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 2.4GHz) + Bluetooth
2	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 5GHz) + Bluetooth
3	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 6GHz) + Bluetooth
Refer to Sporton Test Report No.: FA392143-02 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM

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

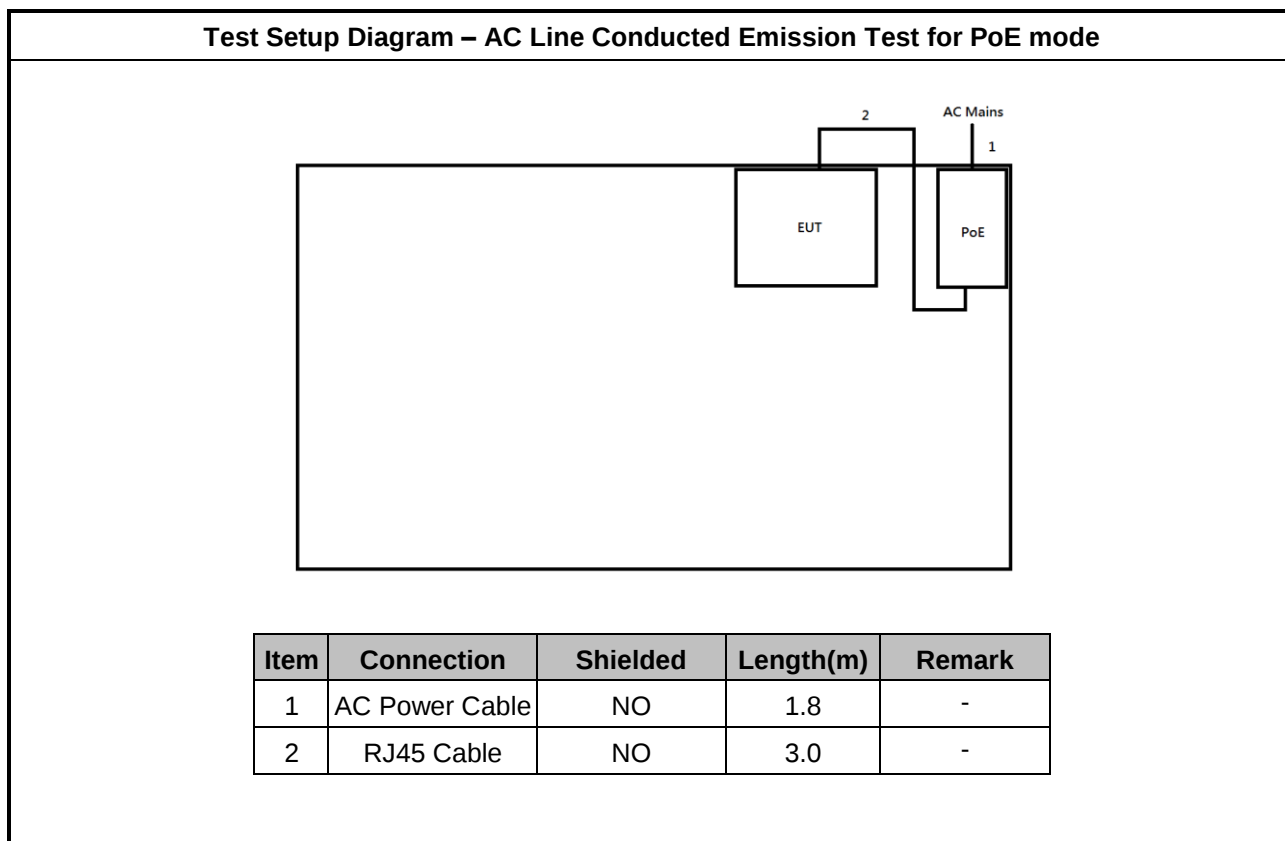
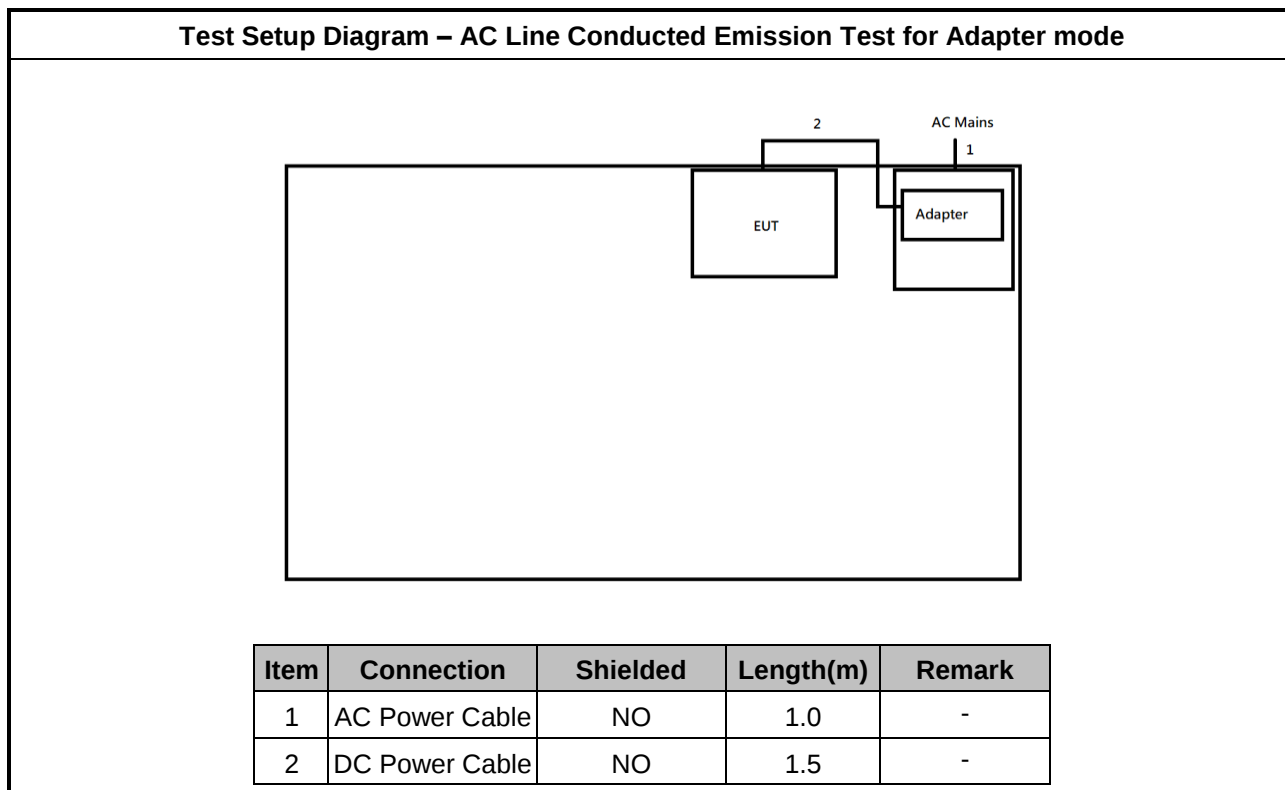
2.4 Support Equipment

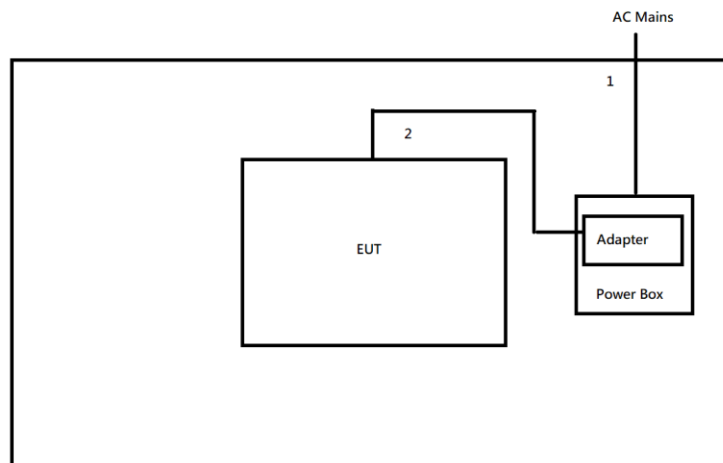
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable	Power sync	PW-GPC180-3	-	-
4	PoE	PHIHONG	POE60U-1BT-5	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

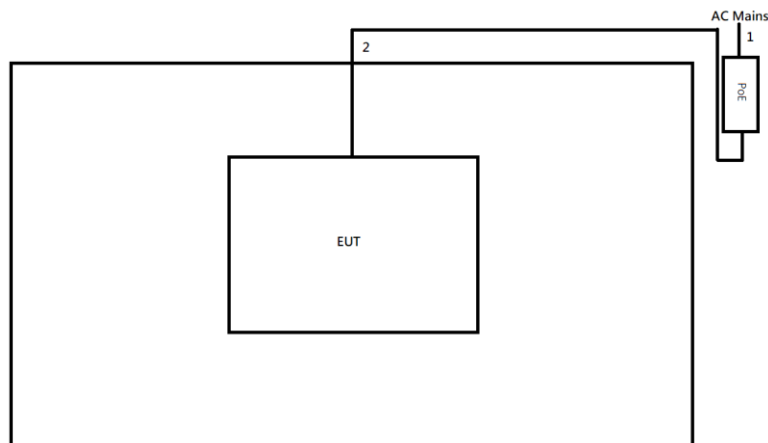
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-
4	PoE (Remote)	PHIHONG	POE60U-1BT-5	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test for Adapter mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	NO	1.8	-
2	DC Power Cable	NO	1.5	-

Test Setup Diagram - Radiated Test for PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	NO	1.8	-
2	RJ45 Cable	NO	3.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

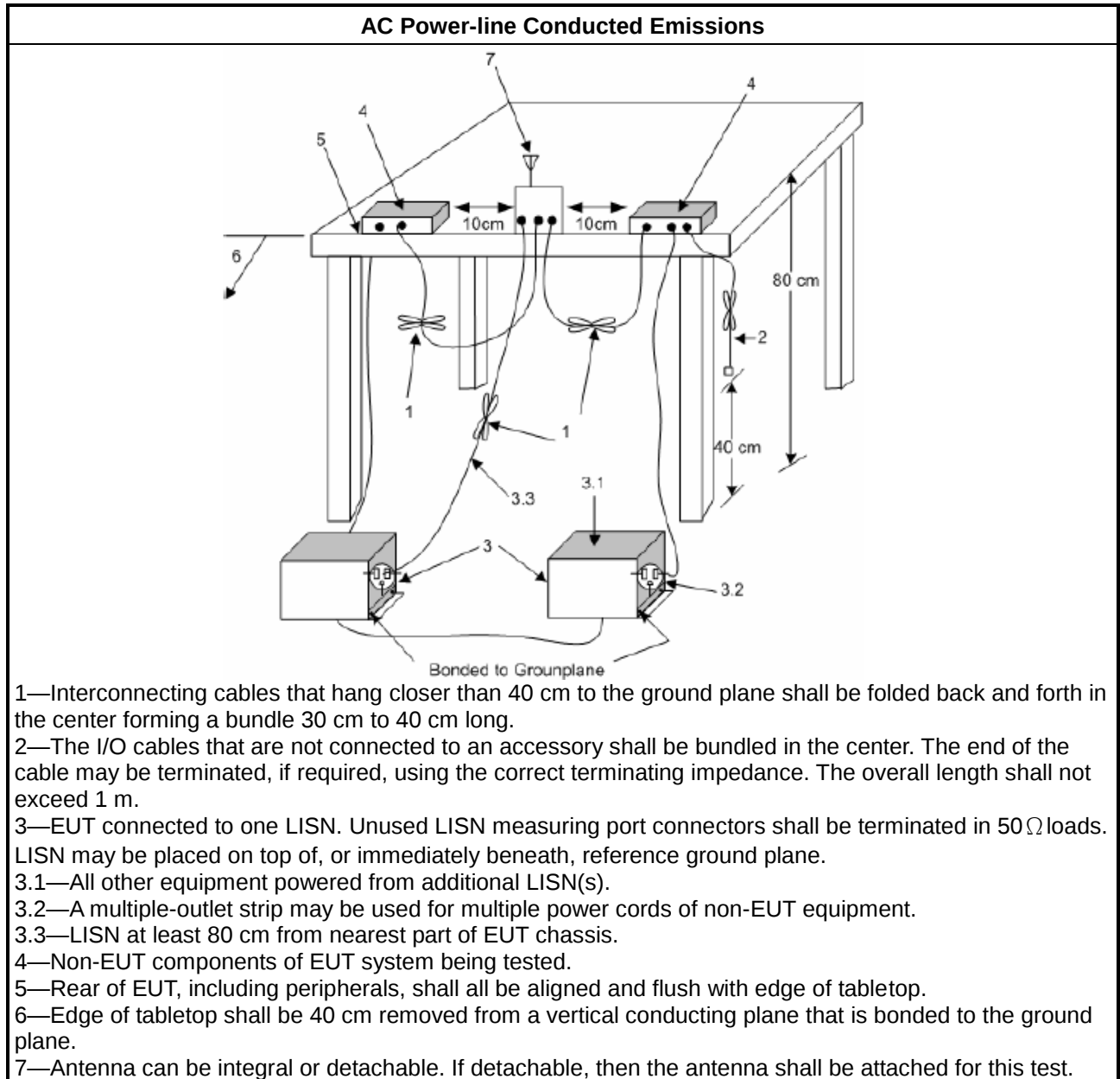
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

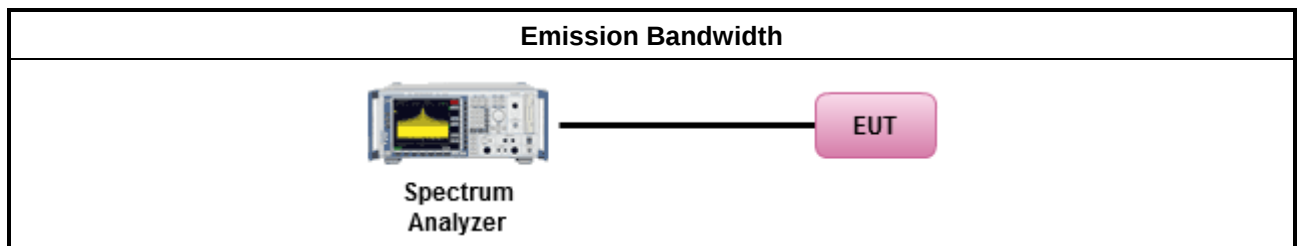
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

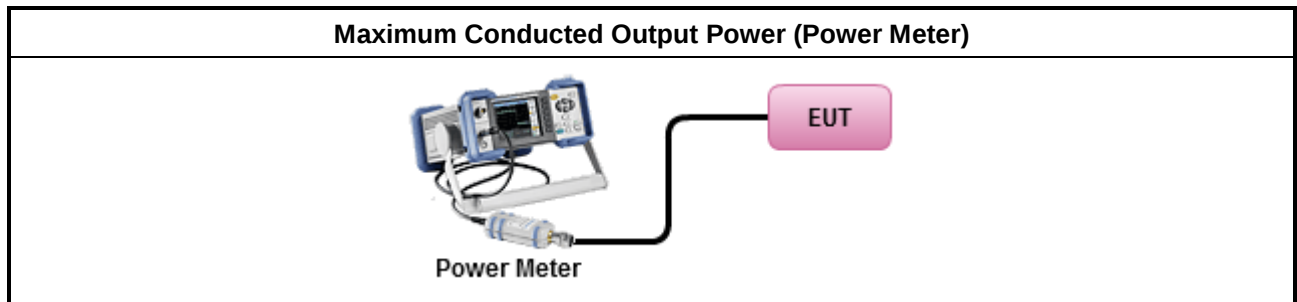
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

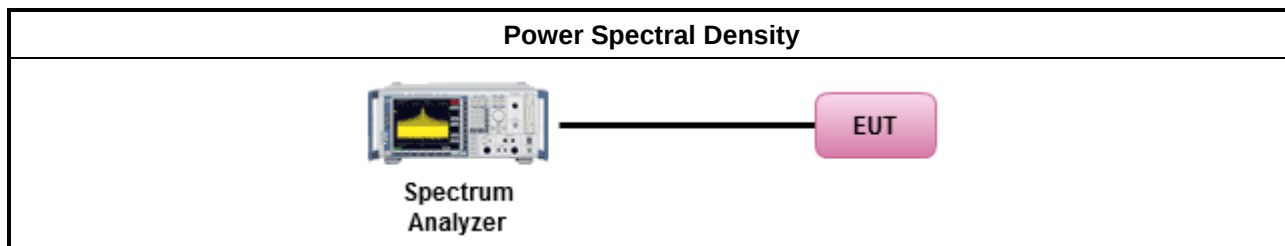
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

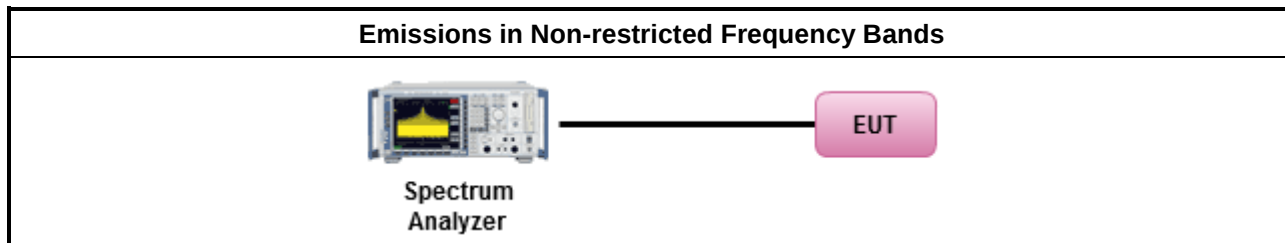
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

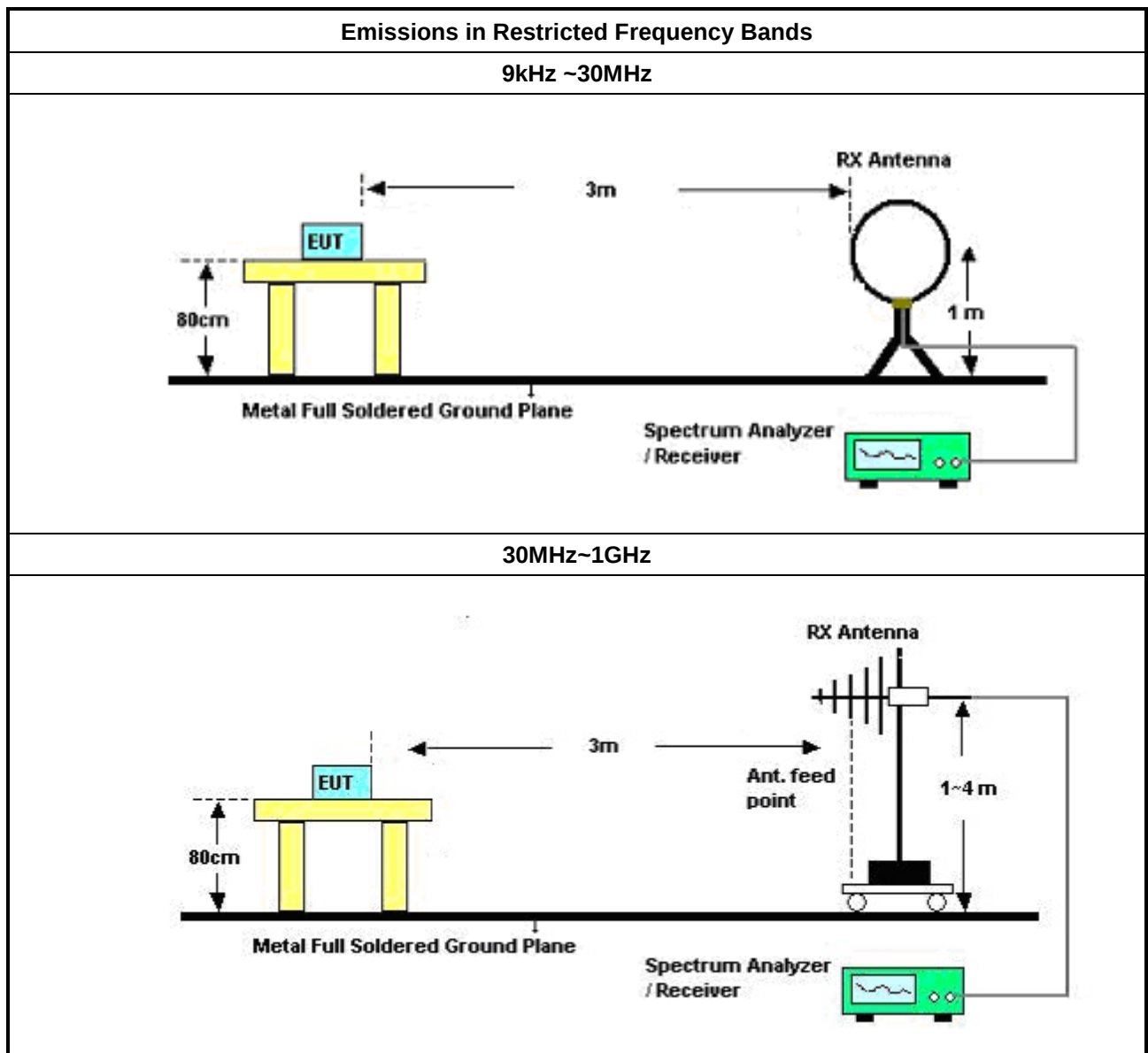
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
▪	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

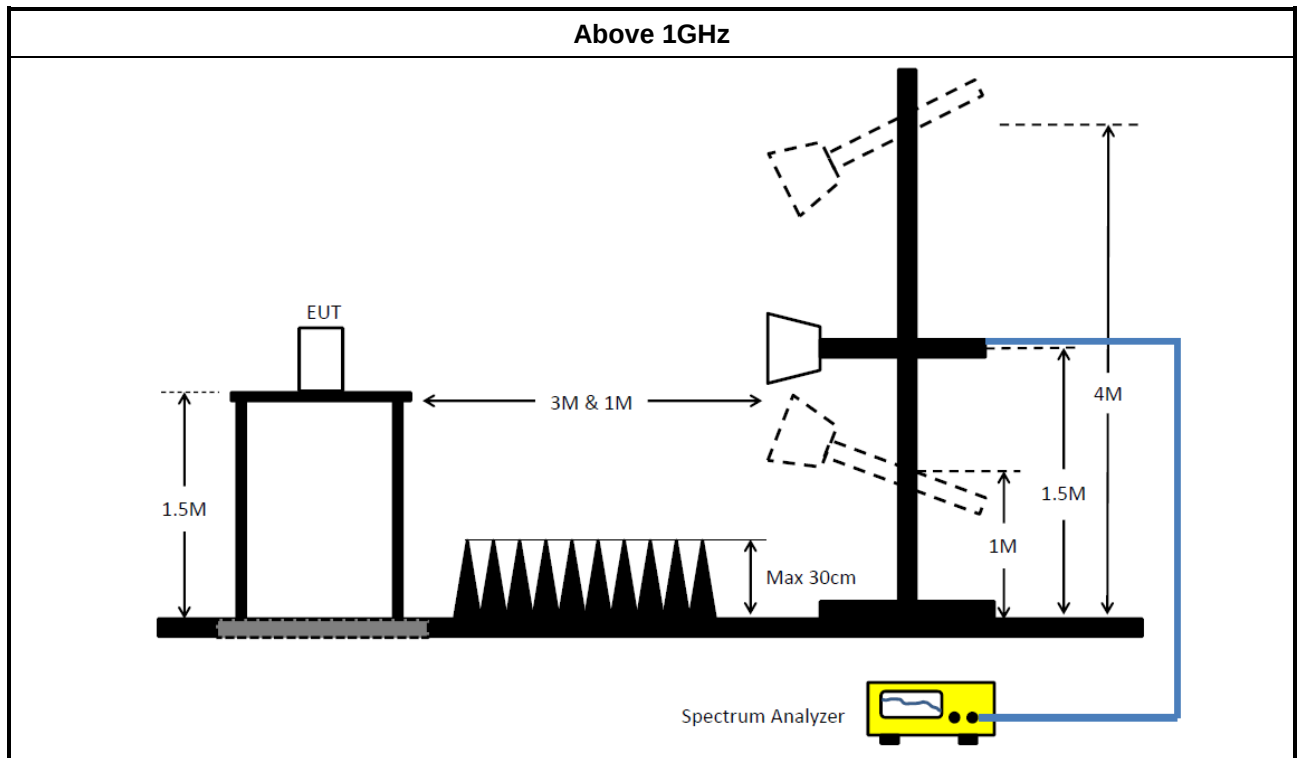
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz ~ 3.6GHz	27/Dec/2023	26/Dec/2024
LISN(Artificial Mains Network)	SCHWARZBECK	NSLK 8127	8127477	9kHz ~ 30MHz	12/Apr/2024	11/Apr/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Sporton	SENSE-EMI	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15247_DTS	Sporton	V5.11.18	N/A	N/A	N/A	N/A

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

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	30/Jul/2023	29/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMC	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	15/Oct/2023	14/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2023	12/Jun/2024
RF Cable-R03m	Jye Bao	RG142	03CH03-cable -02	30MHz~1GHz	13/Jun/2023	12/Jun/2024
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable -03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Agilent	8447D	2944A08033	100kHz~1.3GHz	14/Sep/2023	13/Sep/2024
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15247_DTS	Sporton	V5.11.18	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 102	CB001	1GHz~40GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Aug/2023	17/Aug/2024
SENSE-EMI	Sporton	V5.11.8	NA	NA	NA	NA



Conducted Emissions at Powerline_Non-Beamforming_Radio 0 Appendix A.1

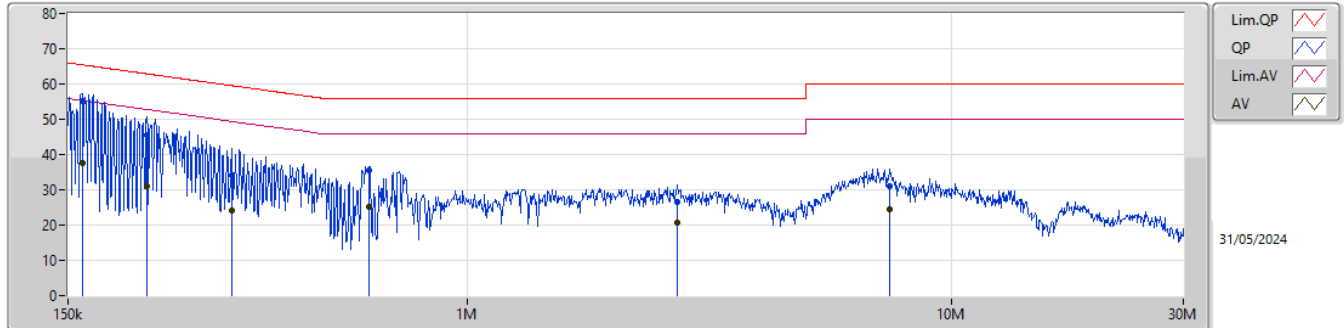
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	160.533k	55.03	65.43	-10.40	Line
Mode 2	Pass	QP	154.868k	49.15	65.73	-16.58	Neutral

Result

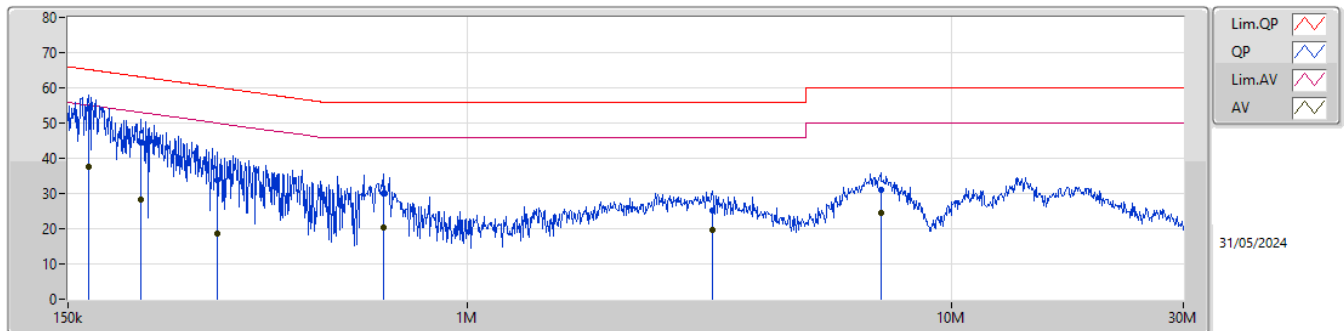
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	160.533k	55.03	65.43	-10.40	Line	-
Mode 1	Pass	AV	160.533k	37.56	55.43	-17.87	Line	-
Mode 1	Pass	QP	218.303k	45.49	62.88	-17.39	Line	-
Mode 1	Pass	AV	218.303k	30.94	52.88	-21.94	Line	-
Mode 1	Pass	QP	326.712k	34.00	59.54	-25.54	Line	-
Mode 1	Pass	AV	326.712k	24.29	49.54	-25.25	Line	-
Mode 1	Pass	QP	626.268k	35.40	56.00	-20.60	Line	-
Mode 1	Pass	AV	626.268k	25.14	46.00	-20.86	Line	-
Mode 1	Pass	QP	2.71M	26.57	56.00	-29.43	Line	-
Mode 1	Pass	AV	2.71M	20.58	46.00	-25.42	Line	-
Mode 1	Pass	QP	7.442M	30.88	60.00	-29.12	Line	-
Mode 1	Pass	AV	7.442M	24.42	50.00	-25.58	Line	-
Mode 1	Pass	QP	165.743k	54.11	65.18	-11.07	Neutral	-
Mode 1	Pass	AV	165.743k	37.44	55.18	-17.74	Neutral	-
Mode 1	Pass	QP	211.442k	44.61	63.15	-18.54	Neutral	-
Mode 1	Pass	AV	211.442k	28.29	53.15	-24.86	Neutral	-
Mode 1	Pass	QP	304.059k	33.89	60.13	-26.24	Neutral	-
Mode 1	Pass	AV	304.059k	18.65	50.13	-31.48	Neutral	-
Mode 1	Pass	QP	670.245k	30.17	56.00	-25.83	Neutral	-
Mode 1	Pass	AV	670.245k	20.34	46.00	-25.66	Neutral	-
Mode 1	Pass	QP	3.205M	25.05	56.00	-30.95	Neutral	-
Mode 1	Pass	AV	3.205M	19.59	46.00	-26.41	Neutral	-
Mode 1	Pass	QP	7.122M	30.97	60.00	-29.03	Neutral	-
Mode 1	Pass	AV	7.122M	24.59	50.00	-25.41	Neutral	-
Mode 2	Pass	QP	150k	48.89	66.00	-17.11	Line	-
Mode 2	Pass	AV	150k	33.86	56.00	-22.14	Line	-
Mode 2	Pass	QP	208.925k	38.01	63.25	-25.24	Line	-
Mode 2	Pass	AV	208.925k	24.14	53.25	-29.11	Line	-
Mode 2	Pass	QP	298.051k	28.90	60.30	-31.40	Line	-
Mode 2	Pass	AV	298.051k	18.27	50.30	-32.03	Line	-
Mode 2	Pass	QP	464.229k	18.72	56.61	-37.89	Line	-
Mode 2	Pass	AV	464.229k	10.62	46.61	-35.99	Line	-
Mode 2	Pass	QP	3.257M	17.16	56.00	-38.84	Line	-
Mode 2	Pass	AV	3.257M	9.02	46.00	-36.98	Line	-
Mode 2	Pass	QP	14.039M	36.52	60.00	-23.48	Line	-
Mode 2	Pass	AV	14.039M	32.91	50.00	-17.09	Line	-
Mode 2	Pass	QP	154.868k	49.15	65.73	-16.58	Neutral	-
Mode 2	Pass	AV	154.868k	34.31	55.73	-21.42	Neutral	-
Mode 2	Pass	QP	186.83k	43.84	64.18	-20.34	Neutral	-
Mode 2	Pass	AV	186.83k	29.25	54.18	-24.93	Neutral	-
Mode 2	Pass	QP	248.05k	33.85	61.81	-27.96	Neutral	-
Mode 2	Pass	AV	248.05k	19.18	51.81	-32.63	Neutral	-
Mode 2	Pass	QP	573.613k	21.01	56.00	-34.99	Neutral	-
Mode 2	Pass	AV	573.613k	14.98	46.00	-31.02	Neutral	-
Mode 2	Pass	QP	3.192M	17.67	56.00	-38.33	Neutral	-
Mode 2	Pass	AV	3.192M	11.13	46.00	-34.87	Neutral	-
Mode 2	Pass	QP	18.863M	38.26	60.00	-21.74	Neutral	-
Mode 2	Pass	AV	18.863M	33.16	50.00	-16.84	Neutral	-

Conducted Emissions at Powerline_Mode 1



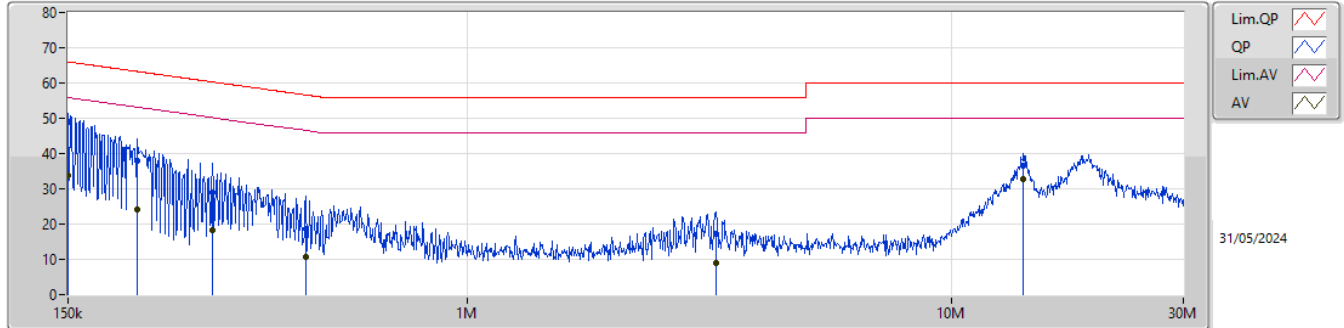
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	160.533k	55.03	65.43	-10.40	9.85	Line	-	45.18	0.04	0.07	9.74
AV	160.533k	37.56	55.43	-17.87	9.85	Line	-	27.71	0.04	0.07	9.74
QP	218.303k	45.49	62.88	-17.39	9.82	Line	-	35.67	0.04	0.09	9.69
AV	218.303k	30.94	52.88	-21.94	9.82	Line	-	21.12	0.04	0.09	9.69
QP	326.712k	34.00	59.54	-25.54	9.90	Line	-	24.10	0.05	0.11	9.74
AV	326.712k	24.29	49.54	-25.25	9.90	Line	-	14.39	0.05	0.11	9.74
QP	626.268k	35.40	56.00	-20.60	9.94	Line	-	25.46	0.05	0.11	9.78
AV	626.268k	25.14	46.00	-20.86	9.94	Line	-	15.20	0.05	0.11	9.78
QP	2.71M	26.57	56.00	-29.43	9.97	Line	-	16.60	0.08	0.09	9.80
AV	2.71M	20.58	46.00	-25.42	9.97	Line	-	10.61	0.08	0.09	9.80
QP	7.442M	30.88	60.00	-29.12	10.02	Line	-	20.86	0.17	0.06	9.79
AV	7.442M	24.42	50.00	-25.58	10.02	Line	-	14.40	0.17	0.06	9.79

Conducted Emissions at Powerline_Mode 1



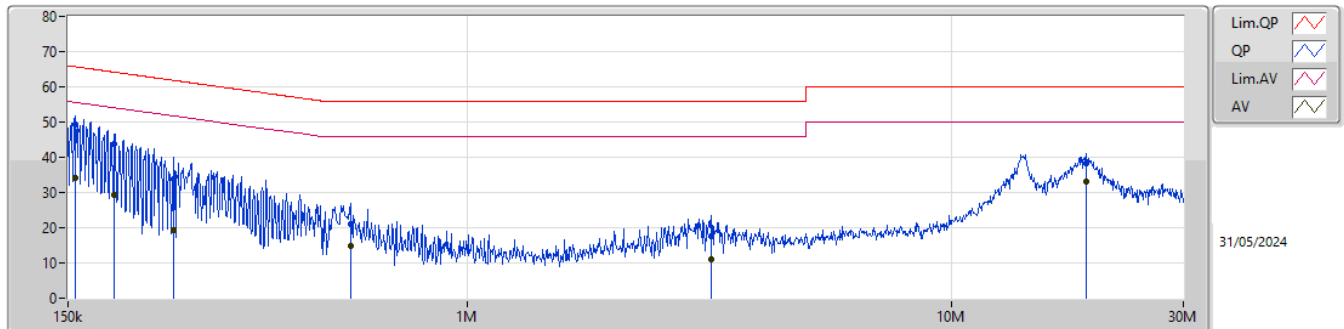
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	165.743k	54.11	65.18	-11.07	9.86	Neutral	-	44.25	0.06	0.07	9.73
AV	165.743k	37.44	55.18	-17.74	9.86	Neutral	-	27.58	0.06	0.07	9.73
QP	211.442k	44.61	63.15	-18.54	9.84	Neutral	-	34.77	0.06	0.09	9.69
AV	211.442k	28.29	53.15	-24.86	9.84	Neutral	-	18.45	0.06	0.09	9.69
QP	304.059k	33.89	60.13	-26.24	9.91	Neutral	-	23.98	0.07	0.11	9.73
AV	304.059k	18.65	50.13	-31.48	9.91	Neutral	-	8.74	0.07	0.11	9.73
QP	670.245k	30.17	56.00	-25.83	9.96	Neutral	-	20.21	0.08	0.10	9.78
AV	670.245k	20.34	46.00	-25.66	9.96	Neutral	-	10.38	0.08	0.10	9.78
QP	3.205M	25.05	56.00	-30.95	9.99	Neutral	-	15.06	0.12	0.08	9.79
AV	3.205M	19.59	46.00	-26.41	9.99	Neutral	-	9.60	0.12	0.08	9.79
QP	7.122M	30.97	60.00	-29.03	10.06	Neutral	-	20.91	0.21	0.06	9.79
AV	7.122M	24.59	50.00	-25.41	10.06	Neutral	-	14.53	0.21	0.06	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	48.89	66.00	-17.11	9.87	Line	-	39.02	0.04	0.07	9.76
AV	150k	33.86	56.00	-22.14	9.87	Line	-	23.99	0.04	0.07	9.76
QP	208.925k	38.01	63.25	-25.24	9.82	Line	-	28.19	0.04	0.09	9.69
AV	208.925k	24.14	53.25	-29.11	9.82	Line	-	14.32	0.04	0.09	9.69
QP	298.051k	28.90	60.30	-31.40	9.89	Line	-	19.01	0.05	0.11	9.73
AV	298.051k	18.27	50.30	-32.03	9.89	Line	-	8.38	0.05	0.11	9.73
QP	464.229k	18.72	56.61	-37.89	9.94	Line	-	8.78	0.05	0.12	9.77
AV	464.229k	10.62	46.61	-35.99	9.94	Line	-	0.68	0.05	0.12	9.77
QP	3.257M	17.16	56.00	-38.84	9.96	Line	-	7.20	0.09	0.08	9.79
AV	3.257M	9.02	46.00	-36.98	9.96	Line	-	-0.94	0.09	0.08	9.79
QP	14.039M	36.52	60.00	-23.48	10.16	Line	-	26.36	0.26	0.08	9.82
AV	14.039M	32.91	50.00	-17.09	10.16	Line	-	22.75	0.26	0.08	9.82

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.868k	49.15	65.73	-16.58	9.88	Neutral	-	39.27	0.06	0.07	9.75
AV	154.868k	34.31	55.73	-21.42	9.88	Neutral	-	24.43	0.06	0.07	9.75
QP	186.83k	43.84	64.18	-20.34	9.84	Neutral	-	34.00	0.06	0.08	9.70
AV	186.83k	29.25	54.18	-24.93	9.84	Neutral	-	19.41	0.06	0.08	9.70
QP	248.05k	33.85	61.81	-27.96	9.86	Neutral	-	23.99	0.06	0.10	9.70
AV	248.05k	19.18	51.81	-32.63	9.86	Neutral	-	9.32	0.06	0.10	9.70
QP	573.613k	21.01	56.00	-34.99	9.96	Neutral	-	11.05	0.07	0.11	9.78
AV	573.613k	14.98	46.00	-31.02	9.96	Neutral	-	5.02	0.07	0.11	9.78
QP	3.192M	17.67	56.00	-38.33	9.99	Neutral	-	7.68	0.12	0.08	9.79
AV	3.192M	11.13	46.00	-34.87	9.99	Neutral	-	1.14	0.12	0.08	9.79
QP	18.863M	38.26	60.00	-21.74	10.32	Neutral	-	27.94	0.38	0.11	9.83
AV	18.863M	33.16	50.00	-16.84	10.32	Neutral	-	22.84	0.38	0.11	9.83



Conducted Emissions at Powerline_Non-Beamforming_Radio 1 Appendix A.2

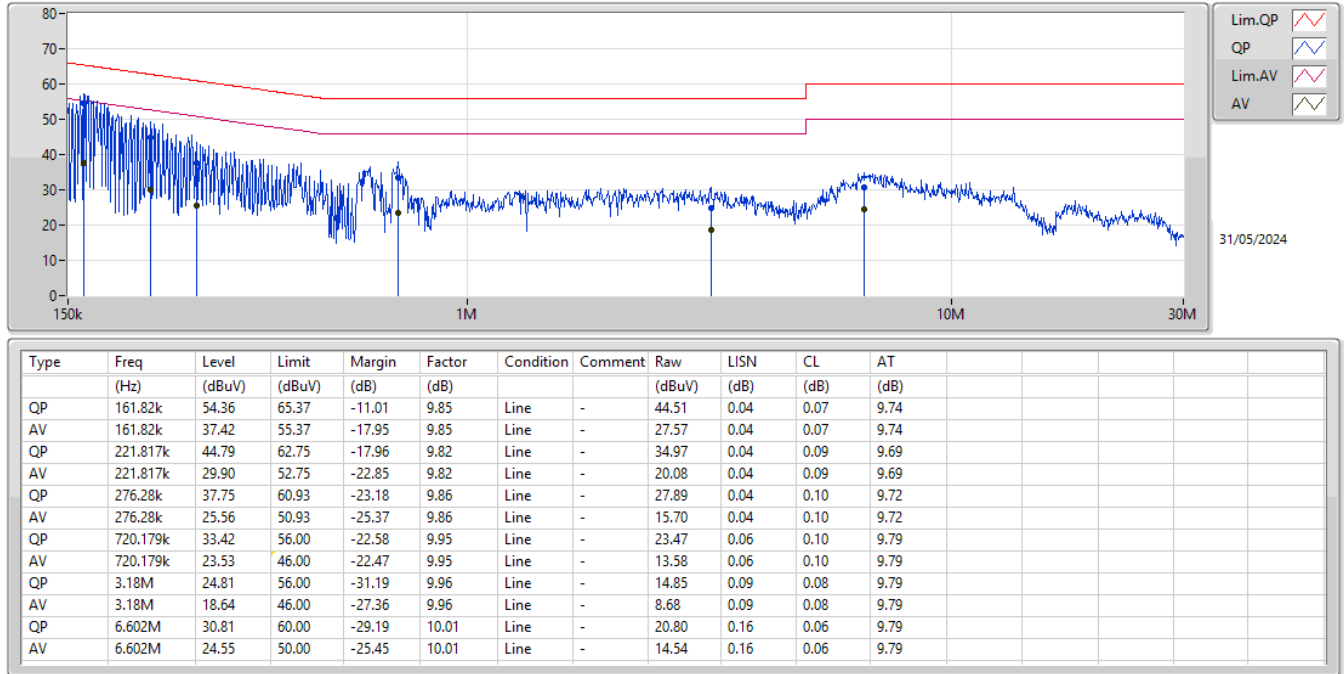
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	161.82k	54.36	65.37	-11.01	Line
Mode 2	Pass	AV	13.927M	33.73	50.00	-16.27	Line

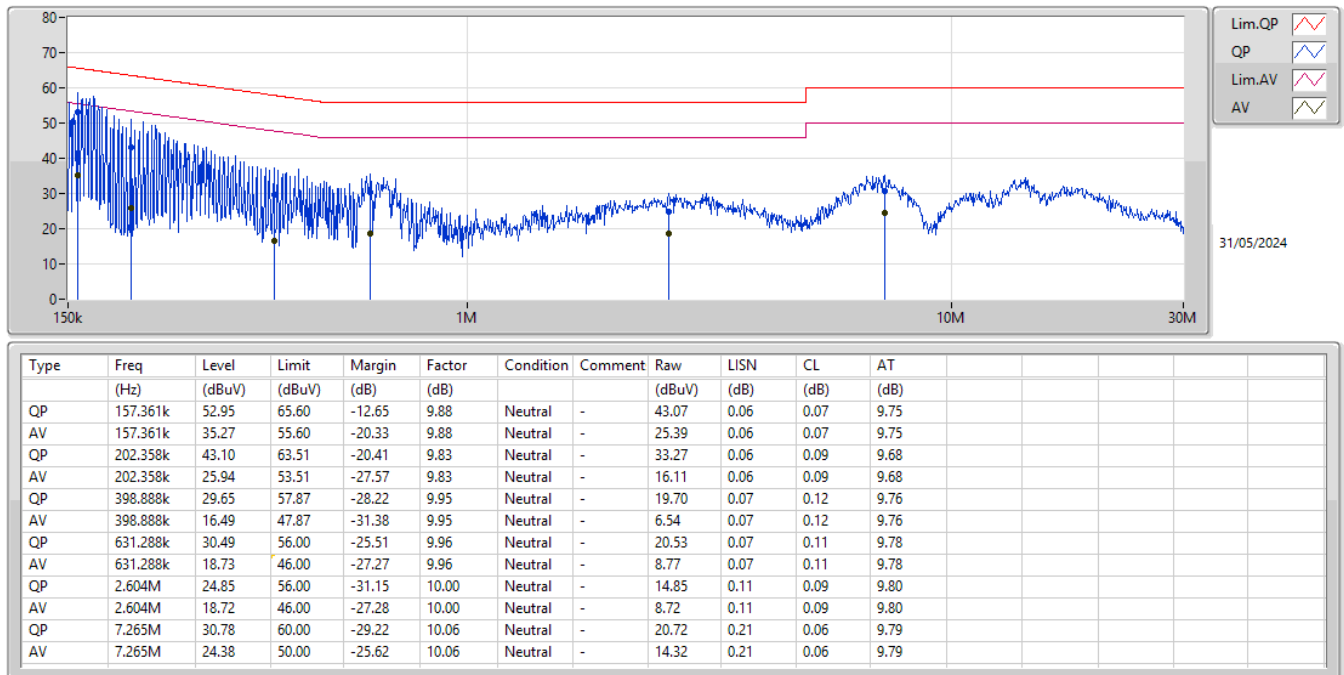
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	161.82k	54.36	65.37	-11.01	Line	-
Mode 1	Pass	AV	161.82k	37.42	55.37	-17.95	Line	-
Mode 1	Pass	QP	221.817k	44.79	62.75	-17.96	Line	-
Mode 1	Pass	AV	221.817k	29.90	52.75	-22.85	Line	-
Mode 1	Pass	QP	276.28k	37.75	60.93	-23.18	Line	-
Mode 1	Pass	AV	276.28k	25.56	50.93	-25.37	Line	-
Mode 1	Pass	QP	720.179k	33.42	56.00	-22.58	Line	-
Mode 1	Pass	AV	720.179k	23.53	46.00	-22.47	Line	-
Mode 1	Pass	QP	3.18M	24.81	56.00	-31.19	Line	-
Mode 1	Pass	AV	3.18M	18.64	46.00	-27.36	Line	-
Mode 1	Pass	QP	6.602M	30.81	60.00	-29.19	Line	-
Mode 1	Pass	AV	6.602M	24.55	50.00	-25.45	Line	-
Mode 1	Pass	QP	157.361k	52.95	65.60	-12.65	Neutral	-
Mode 1	Pass	AV	157.361k	35.27	55.60	-20.33	Neutral	-
Mode 1	Pass	QP	202.358k	43.10	63.51	-20.41	Neutral	-
Mode 1	Pass	AV	202.358k	25.94	53.51	-27.57	Neutral	-
Mode 1	Pass	QP	398.888k	29.65	57.87	-28.22	Neutral	-
Mode 1	Pass	AV	398.888k	16.49	47.87	-31.38	Neutral	-
Mode 1	Pass	QP	631.288k	30.49	56.00	-25.51	Neutral	-
Mode 1	Pass	AV	631.288k	18.73	46.00	-27.27	Neutral	-
Mode 1	Pass	QP	2.604M	24.85	56.00	-31.15	Neutral	-
Mode 1	Pass	AV	2.604M	18.72	46.00	-27.28	Neutral	-
Mode 1	Pass	QP	7.265M	30.78	60.00	-29.22	Neutral	-
Mode 1	Pass	AV	7.265M	24.38	50.00	-25.62	Neutral	-
Mode 2	Pass	QP	151.807k	49.10	65.90	-16.80	Line	-
Mode 2	Pass	AV	151.807k	33.96	55.90	-21.94	Line	-
Mode 2	Pass	QP	211.442k	38.57	63.15	-24.58	Line	-
Mode 2	Pass	AV	211.442k	24.37	53.15	-28.78	Line	-
Mode 2	Pass	QP	305.276k	29.29	60.09	-30.80	Line	-
Mode 2	Pass	AV	305.276k	18.06	50.09	-32.03	Line	-
Mode 2	Pass	QP	659.627k	12.83	56.00	-43.17	Line	-
Mode 2	Pass	AV	659.627k	7.65	46.00	-38.35	Line	-
Mode 2	Pass	QP	3.322M	17.82	56.00	-38.18	Line	-
Mode 2	Pass	AV	3.322M	9.20	46.00	-36.80	Line	-
Mode 2	Pass	QP	13.927M	37.08	60.00	-22.92	Line	-
Mode 2	Pass	AV	13.927M	33.73	50.00	-16.27	Line	-
Mode 2	Pass	QP	163.769k	47.64	65.27	-17.63	Neutral	-
Mode 2	Pass	AV	163.769k	32.44	55.27	-22.83	Neutral	-
Mode 2	Pass	QP	298.051k	32.02	60.30	-28.28	Neutral	-
Mode 2	Pass	AV	298.051k	20.02	50.30	-30.28	Neutral	-
Mode 2	Pass	QP	363.895k	26.70	58.64	-31.94	Neutral	-
Mode 2	Pass	AV	363.895k	14.86	48.64	-33.78	Neutral	-
Mode 2	Pass	QP	562.277k	22.34	56.00	-33.66	Neutral	-
Mode 2	Pass	AV	562.277k	16.25	46.00	-29.75	Neutral	-
Mode 2	Pass	QP	3.27M	16.75	56.00	-39.25	Neutral	-
Mode 2	Pass	AV	3.27M	10.58	46.00	-35.42	Neutral	-
Mode 2	Pass	QP	18.863M	38.01	60.00	-21.99	Neutral	-
Mode 2	Pass	AV	18.863M	32.99	50.00	-17.01	Neutral	-

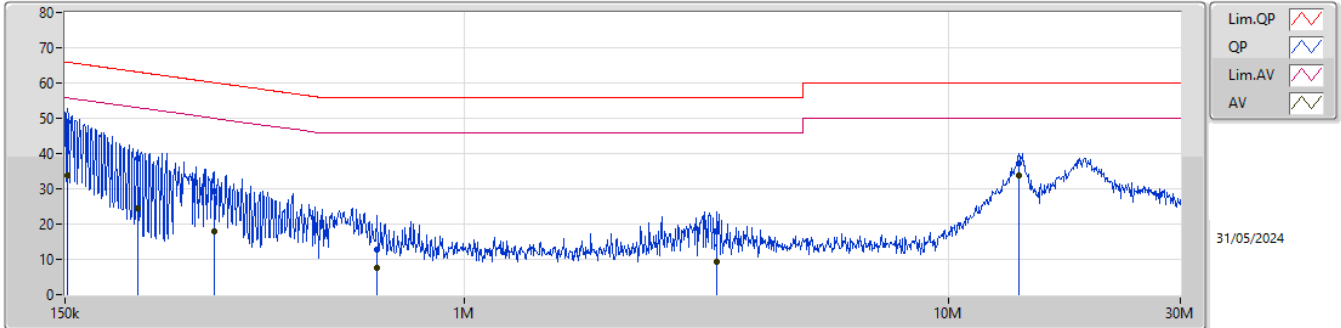
Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1

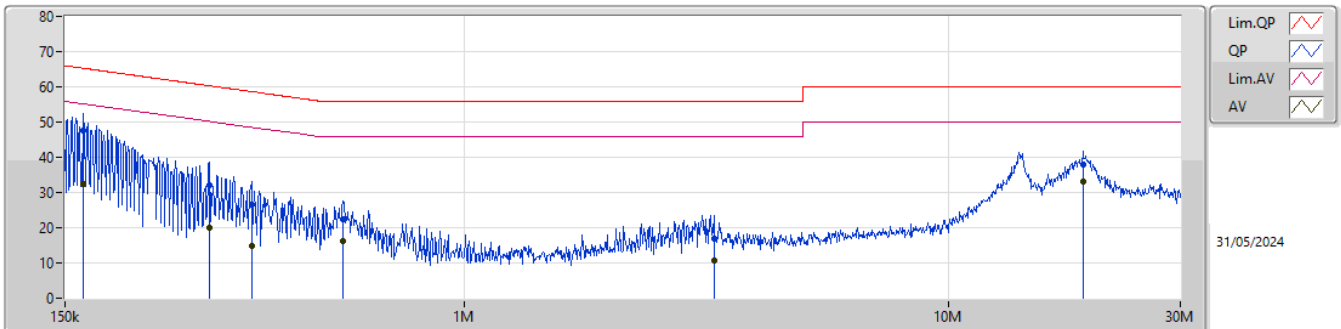


Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	151.807k	49.10	65.90	-16.80	9.87	Line	-	39.23	0.04	0.07	9.76						
AV	151.807k	33.96	55.90	-21.94	9.87	Line	-	24.09	0.04	0.07	9.76						
QP	211.442k	38.57	63.15	-24.58	9.82	Line	-	28.75	0.04	0.09	9.69						
AV	211.442k	24.37	53.15	-28.78	9.82	Line	-	14.55	0.04	0.09	9.69						
QP	305.276k	29.29	60.09	-30.80	9.89	Line	-	19.40	0.05	0.11	9.73						
AV	305.276k	18.06	50.09	-32.03	9.89	Line	-	8.17	0.05	0.11	9.73						
QP	659.627k	12.83	56.00	-43.17	9.94	Line	-	2.89	0.06	0.10	9.78						
AV	659.627k	7.65	46.00	-38.35	9.94	Line	-	-2.29	0.06	0.10	9.78						
QP	3.322M	17.82	56.00	-38.18	9.96	Line	-	7.86	0.09	0.08	9.79						
AV	3.322M	9.20	46.00	-36.80	9.96	Line	-	-0.76	0.09	0.08	9.79						
QP	13.927M	37.08	60.00	-22.92	10.16	Line	-	26.92	0.26	0.08	9.82						
AV	13.927M	33.73	50.00	-16.27	10.16	Line	-	23.57	0.26	0.08	9.82						

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.769k	47.64	65.27	-17.63	9.86	Neutral	-	37.78	0.06	0.07	9.73						
AV	163.769k	32.44	55.27	-22.83	9.86	Neutral	-	22.58	0.06	0.07	9.73						
QP	298.051k	32.02	60.30	-28.28	9.91	Neutral	-	22.11	0.07	0.11	9.73						
AV	298.051k	20.02	50.30	-30.28	9.91	Neutral	-	10.11	0.07	0.11	9.73						
QP	363.895k	26.70	58.64	-31.94	9.94	Neutral	-	16.76	0.07	0.12	9.75						
AV	363.895k	14.86	48.64	-33.78	9.94	Neutral	-	4.92	0.07	0.12	9.75						
QP	562.277k	22.34	56.00	-33.66	9.95	Neutral	-	12.39	0.07	0.11	9.77						
AV	562.277k	16.25	46.00	-29.75	9.95	Neutral	-	6.30	0.07	0.11	9.77						
QP	3.27M	16.75	56.00	-39.25	9.99	Neutral	-	6.76	0.12	0.08	9.79						
AV	3.27M	10.58	46.00	-35.42	9.99	Neutral	-	0.59	0.12	0.08	9.79						
QP	18.863M	38.01	60.00	-21.99	10.32	Neutral	-	27.69	0.38	0.11	9.83						
AV	18.863M	32.99	50.00	-17.01	10.32	Neutral	-	22.67	0.38	0.11	9.83						

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.4M	13.034M	13M0G1D	7.725M	12.905M
802.11g_Nss1,(6Mbps)_2TX	16.45M	16.345M	16M3D1D	16.35M	16.304M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.025M	18.959M	19M0D1D	18.3M	18.843M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.05M	37.81M	37M8D1D	37.3M	37.585M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.725M	13.034M	8.075M	13.003M
2437MHz	Pass	500k	8.2M	12.982M	8.075M	13.008M
2462MHz	Pass	500k	8.4M	12.982M	8.1M	12.905M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.45M	16.311M	16.375M	16.344M
2437MHz	Pass	500k	16.4M	16.34M	16.45M	16.322M
2462MHz	Pass	500k	16.4M	16.304M	16.35M	16.345M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	18.959M	19.025M	18.953M
2437MHz	Pass	500k	18.9M	18.867M	19M	18.881M
2462MHz	Pass	500k	18.3M	18.886M	18.8M	18.843M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.8M	37.81M	37.65M	37.622M
2437MHz	Pass	500k	37.3M	37.708M	38.05M	37.585M
2452MHz	Pass	500k	38M	37.594M	38M	37.668M

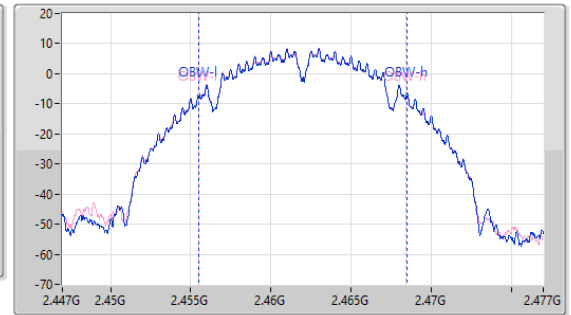
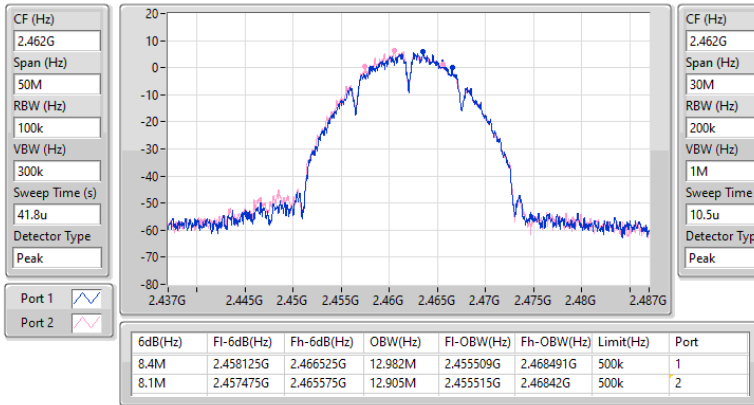
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

29/05/2024

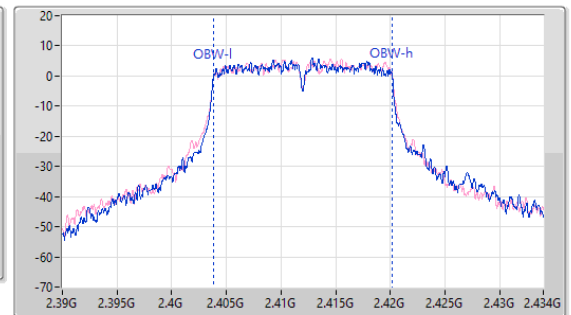
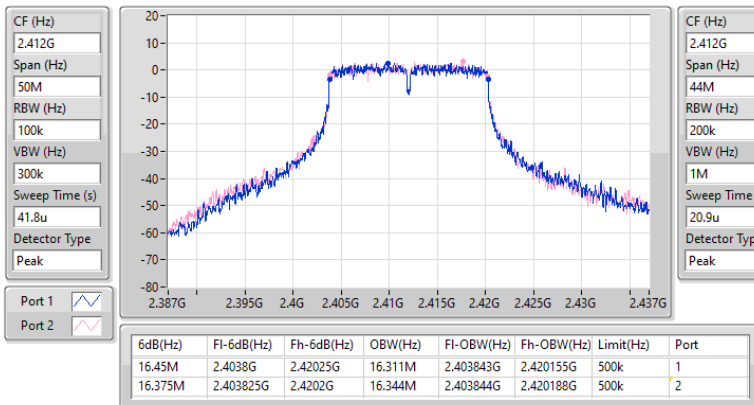


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

29/05/2024

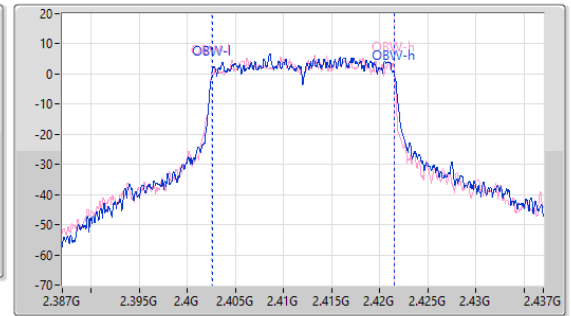
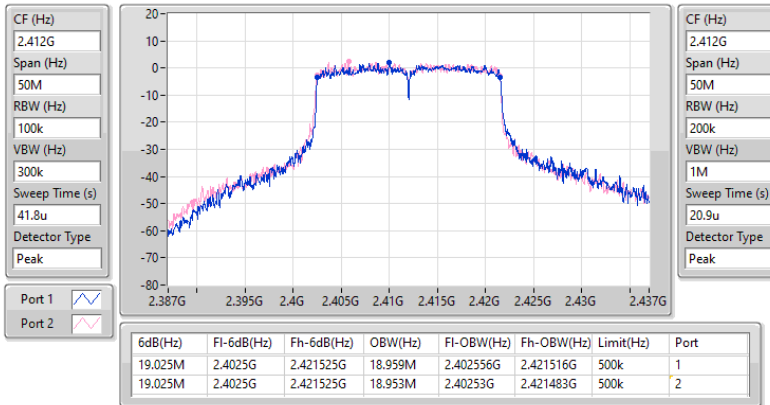


2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

29/05/2024

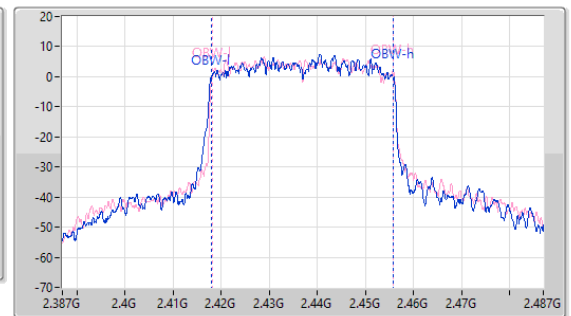
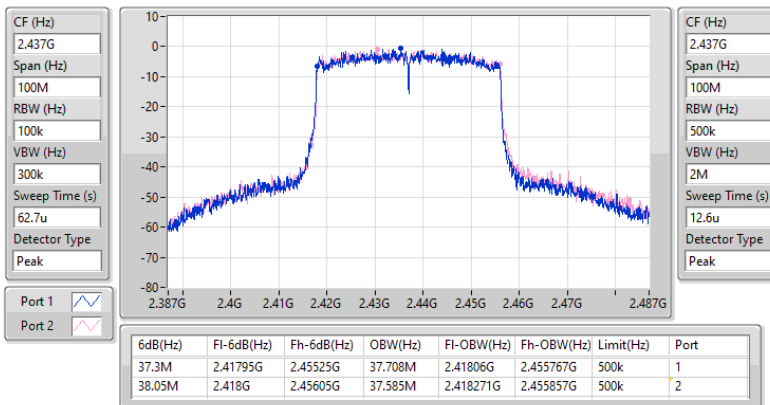


2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

29/05/2024



**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)_4TX	8.55M	13.199M	13M2G1D	7.075M	13.118M
802.11g_Nss1,(6Mbps)_4TX	16.575M	16.974M	17M0D1D	16.325M	16.525M
802.11be EHT20_Nss1,(MCS0)_4TX	19.2M	19.226M	19M2D1D	19.075M	18.978M
802.11be EHT40_Nss1,(MCS0)_4TX	38.3M	38.221M	38M2D1D	37.35M	37.821M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.55M	13.173M	8.55M	13.155M	7.2M	13.118M	8.05M	13.145M
2437MHz	Pass	500k	8.1M	13.187M	8.5M	13.163M	7.7M	13.123M	8.025M	13.144M
2462MHz	Pass	500k	7.075M	13.199M	7.15M	13.155M	7.975M	13.163M	7.925M	13.118M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.5M	16.712M	16.325M	16.601M	16.575M	16.525M	16.375M	16.525M
2437MHz	Pass	500k	16.55M	16.578M	16.375M	16.729M	16.35M	16.974M	16.55M	16.749M
2462MHz	Pass	500k	16.375M	16.732M	16.525M	16.585M	16.5M	16.831M	16.5M	16.737M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.075M	19.001M	19.125M	19.029M	19.2M	19.09M	19.125M	18.991M
2437MHz	Pass	500k	19.15M	19.226M	19.1M	19.028M	19.15M	18.996M	19.1M	19.101M
2462MHz	Pass	500k	19.15M	18.978M	19.1M	19.064M	19.1M	19.045M	19.125M	18.985M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	38.2M	38.061M	38.1M	37.976M	38.3M	37.892M	38.15M	37.914M
2437MHz	Pass	500k	38.15M	38.088M	38.25M	38.221M	38.2M	37.92M	38.2M	37.821M
2452MHz	Pass	500k	38.3M	37.955M	37.35M	37.957M	38.25M	37.899M	38.3M	37.938M

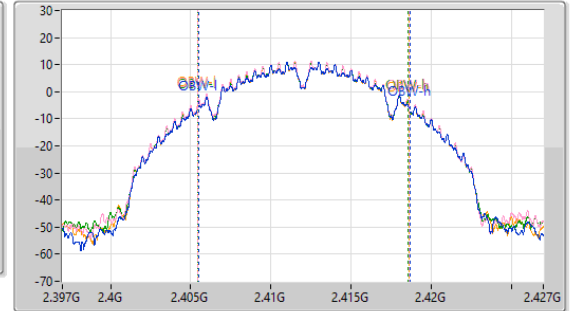
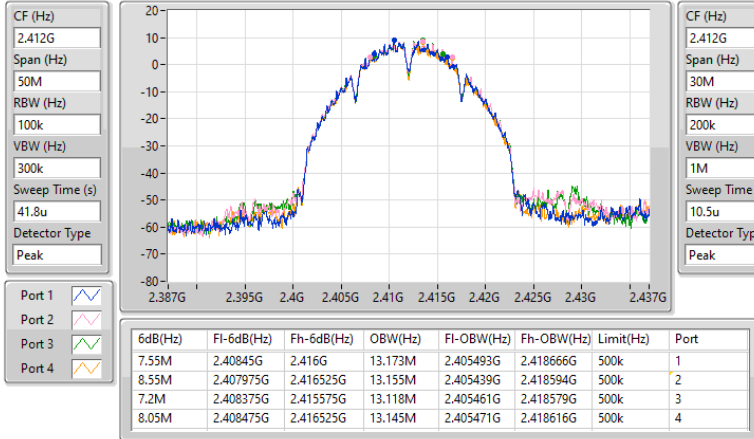
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

29/05/2024

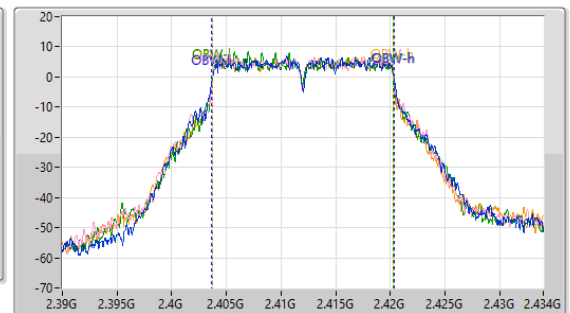
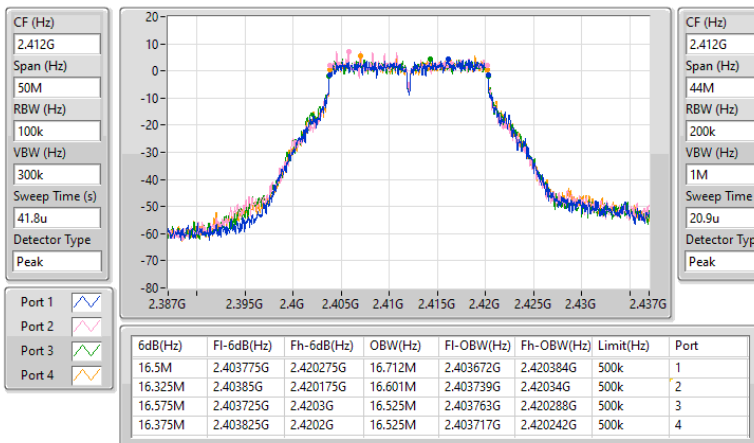


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

29/05/2024

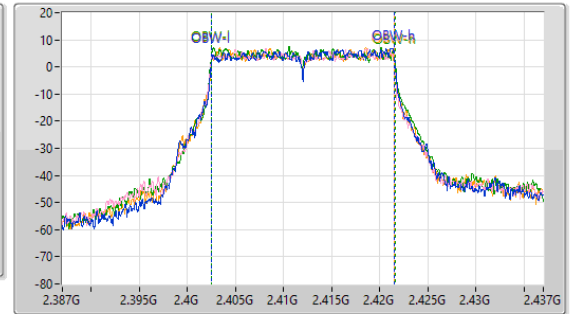
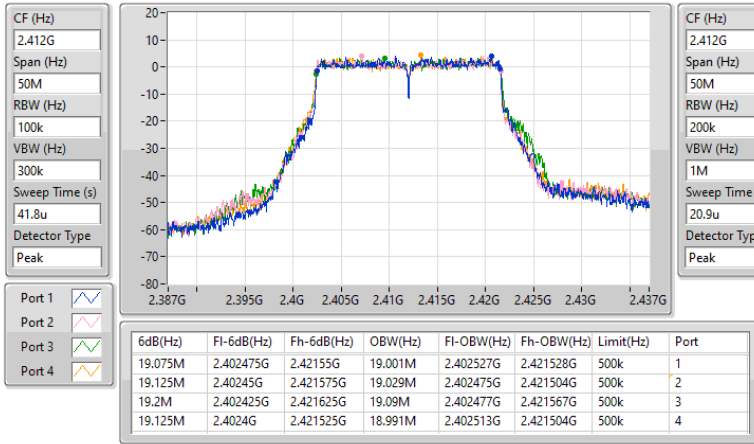


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

29/05/2024

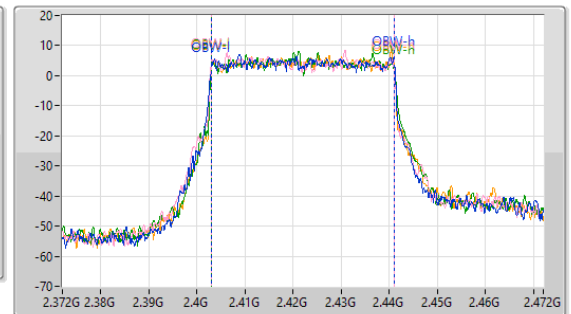
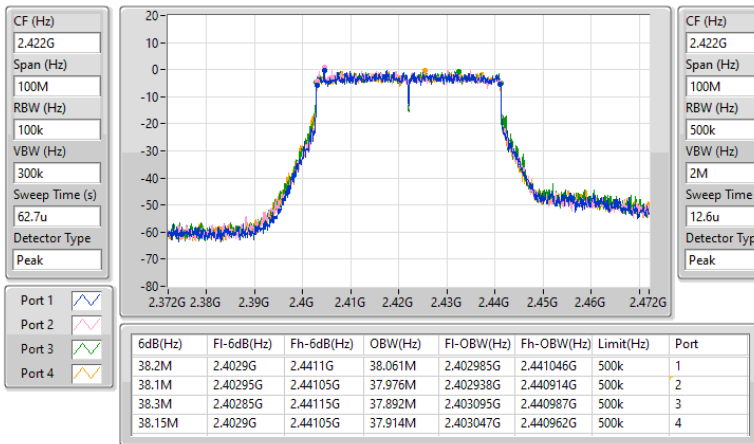


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

29/05/2024





Average Power_Non-Beamforming_Radio 0

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	19.83	0.09616
802.11g_Nss1,(6Mbps)_2TX	20.18	0.10423
802.11ax HEW20_Nss1,(MCS0)_2TX	20.59	0.11455
802.11ax HEW40_Nss1,(MCS0)_2TX	19.80	0.09550

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	16.42	16.68	19.56	30.00
2437MHz	Pass	4.00	16.68	16.95	19.83	30.00
2462MHz	Pass	4.00	16.19	16.78	19.51	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	16.96	17.25	20.12	30.00
2437MHz	Pass	4.00	17.01	17.32	20.18	30.00
2462MHz	Pass	4.00	16.81	17.31	20.08	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	17.35	17.59	20.48	30.00
2437MHz	Pass	4.00	17.39	17.76	20.59	30.00
2457MHz	Pass	4.00	17.32	17.73	20.54	30.00
2462MHz	Pass	4.00	16.70	17.14	19.94	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.00	16.43	16.74	19.60	30.00
2437MHz	Pass	4.00	16.45	16.93	19.71	30.00
2452MHz	Pass	4.00	16.67	16.90	19.80	30.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	24.76	0.29923
802.11g_Nss1,(6Mbps)_4TX	24.64	0.29107
802.11be EHT20_Nss1,(MCS0)_4TX	24.76	0.29923
802.11be EHT40_Nss1,(MCS0)_4TX	24.16	0.26062



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.30	18.62	18.87	18.86	18.62	24.76	29.70
2437MHz	Pass	6.30	18.70	18.80	18.76	18.62	24.74	29.70
2462MHz	Pass	6.30	17.78	18.61	18.62	18.57	24.43	29.70
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.30	18.55	18.69	18.70	18.55	24.64	29.70
2437MHz	Pass	6.30	18.06	18.18	18.14	18.22	24.17	29.70
2457MHz	Pass	6.30	18.45	18.22	18.34	18.25	24.34	29.70
2462MHz	Pass	6.30	16.42	16.29	16.19	16.40	22.35	29.70
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.30	18.75	18.84	18.80	18.55	24.76	29.70
2437MHz	Pass	6.30	18.18	18.41	18.31	18.32	24.33	29.70
2457MHz	Pass	6.30	18.56	18.47	18.55	18.41	24.52	29.70
2462MHz	Pass	6.30	14.19	14.02	14.05	14.00	20.09	29.70
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.30	17.08	17.24	17.31	17.05	23.19	29.70
2437MHz	Pass	6.30	17.98	18.13	18.14	18.29	24.16	29.70
2447MHz	Pass	6.30	13.87	13.89	13.97	13.91	19.93	29.70
2452MHz	Pass	6.30	13.03	12.92	13.07	13.06	19.04	29.70

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.47	0.11143
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.69	0.09311



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	17.23	17.47	20.36	28.99
2437MHz	Pass	7.01	17.26	17.66	20.47	28.99
2457MHz	Pass	7.01	17.17	17.61	20.41	28.99
2462MHz	Pass	7.01	16.55	16.99	19.79	28.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	16.32	16.63	19.49	28.99
2437MHz	Pass	7.01	16.30	16.80	19.57	28.99
2452MHz	Pass	7.01	16.57	16.78	19.69	28.99

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.59	0.22856



Average Power_Beamforming_Radio 1

Appendix C.4

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.54	23.65	24.46	17.67	17.71	17.70	17.43
2437MHz	Pass	11.54	23.70	24.46	17.58	17.77	17.68	17.68
2457MHz	Pass	11.54	23.90	24.46	17.95	17.85	17.92	17.79
2462MHz	Pass	11.54	19.97	24.46	14.05	13.90	13.95	13.90
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.54	23.07	24.46	16.93	17.14	17.19	16.92
2437MHz	Pass	11.54	23.59	24.46	17.42	17.56	17.58	17.72
2447MHz	Pass	11.54	19.79	24.46	13.73	13.74	13.82	13.79
2452MHz	Pass	11.54	18.93	24.46	12.91	12.78	12.97	12.96

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-8.30
802.11g_Nss1,(6Mbps)_2TX	-8.55
802.11ax HEW20_Nss1,(MCS0)_2TX	-7.56
802.11ax HEW40_Nss1,(MCS0)_2TX	-11.86

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-11.56	-11.19	-8.36	6.99
2437MHz	Pass	7.01	-11.47	-11.17	-8.31	6.99
2462MHz	Pass	7.01	-11.55	-11.09	-8.30	6.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-11.16	-11.25	-8.55	6.99
2437MHz	Pass	7.01	-10.27	-11.44	-9.36	6.99
2462MHz	Pass	7.01	-11.66	-10.32	-8.59	6.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-10.79	-10.32	-8.19	6.99
2437MHz	Pass	7.01	-9.94	-9.57	-7.56	6.99
2462MHz	Pass	7.01	-11.13	-10.53	-9.38	6.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	-13.95	-13.84	-12.12	6.99
2437MHz	Pass	7.01	-13.54	-13.35	-11.86	6.99
2452MHz	Pass	7.01	-14.28	-13.93	-12.43	6.99

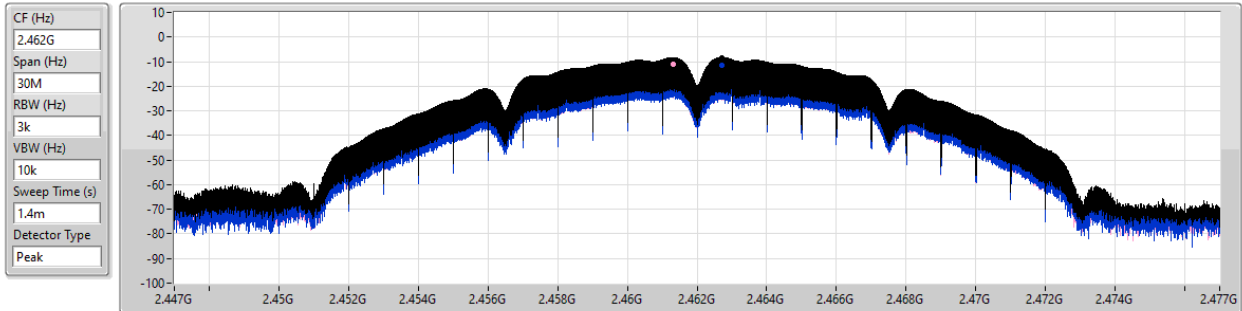
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2462MHz

29/05/2024



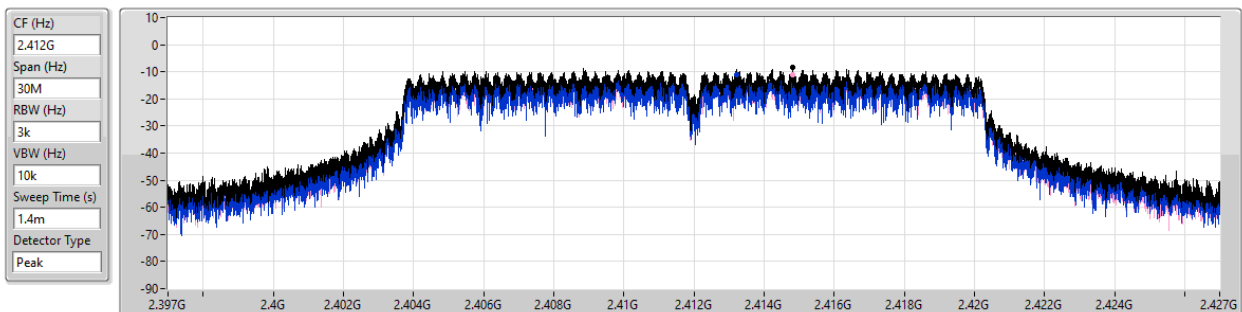
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.30	-8.30	-11.55	-11.09

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

PSD

2412MHz

29/05/2024



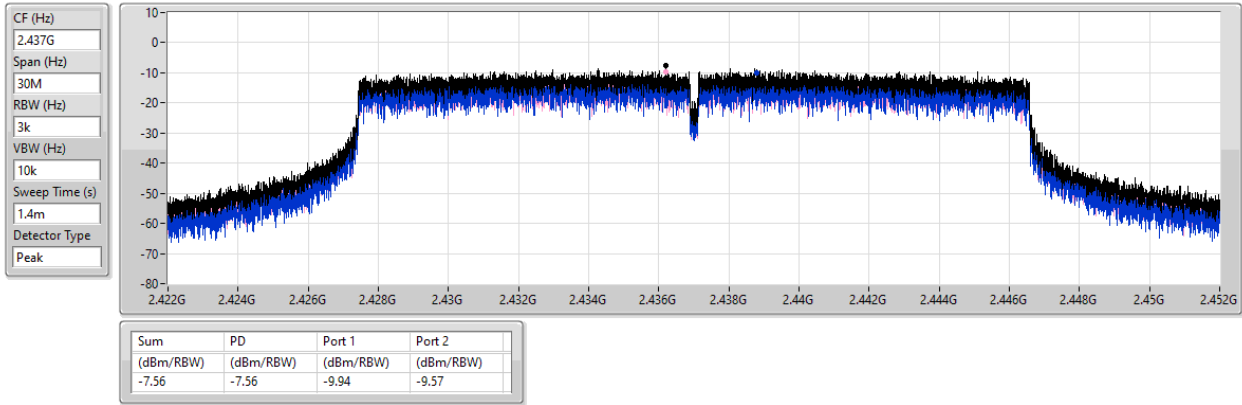
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.55	-8.55	-11.16	-11.25

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

29/05/2024

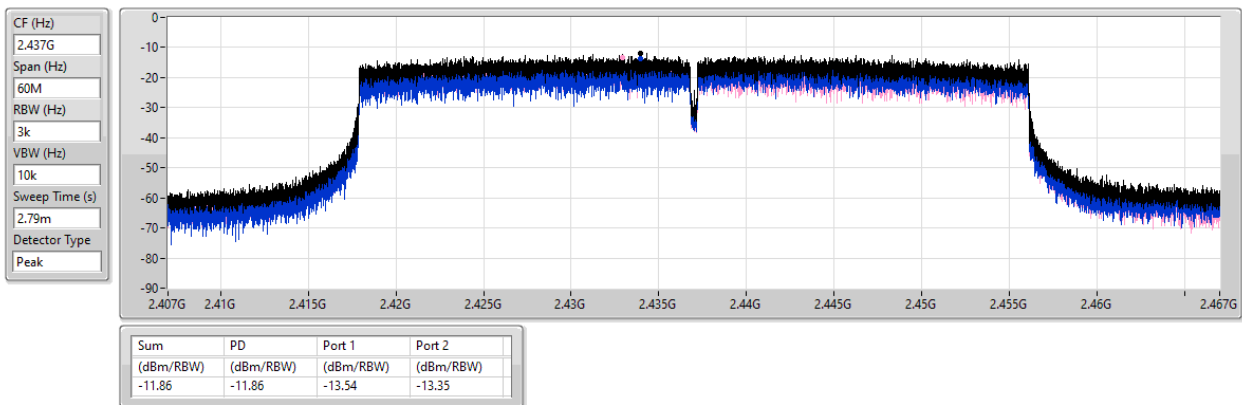


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

29/05/2024





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-2.80
802.11g_Nss1,(6Mbps)_4TX	-4.78
802.11be EHT20_Nss1,(MCS0)_4TX	-5.42
802.11be EHT40_Nss1,(MCS0)_4TX	-8.77

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.54	-8.85	-8.75	-8.71	-8.97	-2.80	2.46
2437MHz	Pass	11.54	-9.38	-9.32	-9.35	-9.23	-3.31	2.46
2462MHz	Pass	11.54	-9.06	-9.12	-9.12	-9.16	-3.09	2.46
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.54	-10.36	-10.09	-9.93	-10.24	-4.78	2.46
2437MHz	Pass	11.54	-10.52	-10.50	-9.58	-10.78	-5.41	2.46
2462MHz	Pass	11.54	-10.90	-10.78	-9.58	-11.57	-6.80	2.46
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	11.54	-9.01	-9.04	-9.08	-9.43	-5.73	2.46
2437MHz	Pass	11.54	-9.17	-9.51	-9.17	-9.37	-5.42	2.46
2462MHz	Pass	11.54	-12.91	-13.29	-12.55	-12.98	-9.05	2.46
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	11.54	-13.96	-12.45	-13.36	-12.66	-9.26	2.46
2437MHz	Pass	11.54	-12.65	-12.77	-12.28	-12.86	-8.77	2.46
2452MHz	Pass	11.54	-17.03	-17.18	-17.55	-17.90	-13.30	2.46

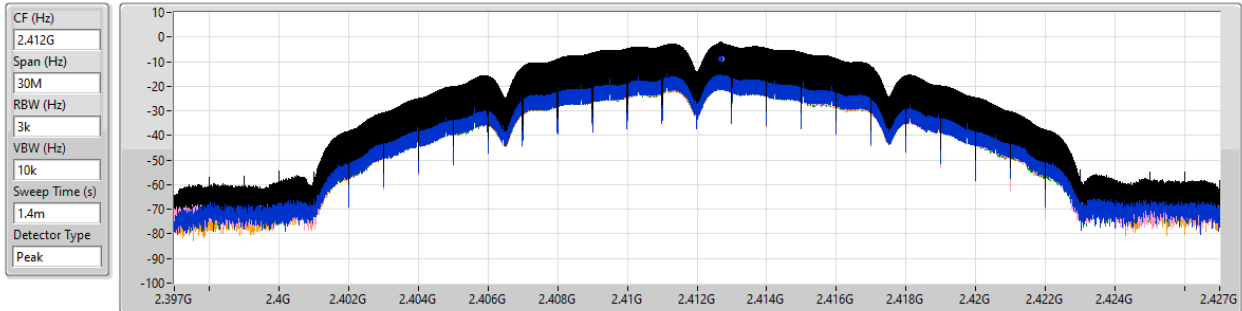
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

2412MHz

29/05/2024



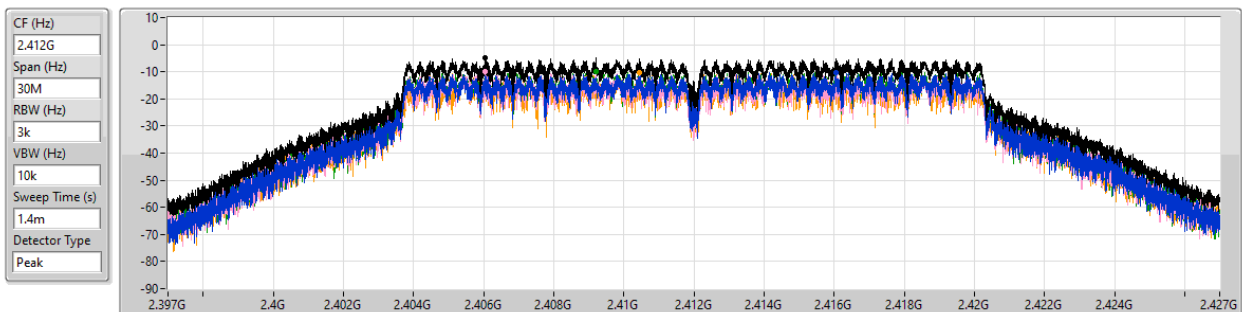
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-8.85	-8.75	-8.71	-8.97

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

PSD

2412MHz

29/05/2024



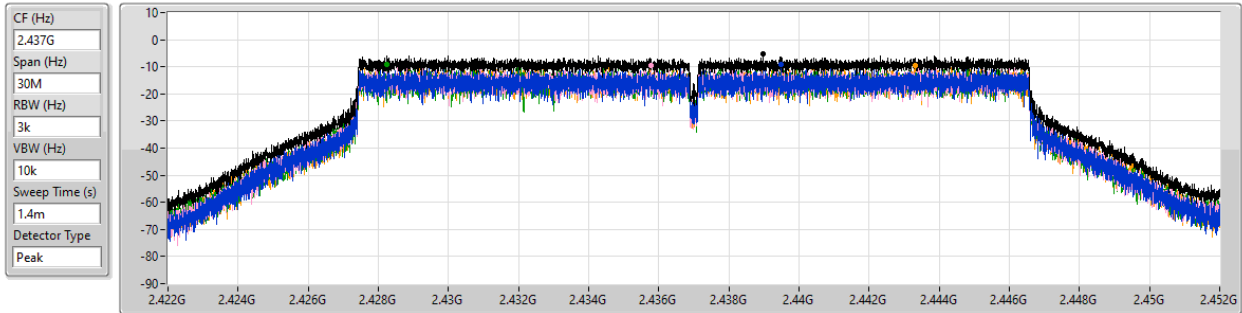
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.78	-4.78	-10.36	-10.09	-9.93	-10.24

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

PSD

2437MHz

29/05/2024



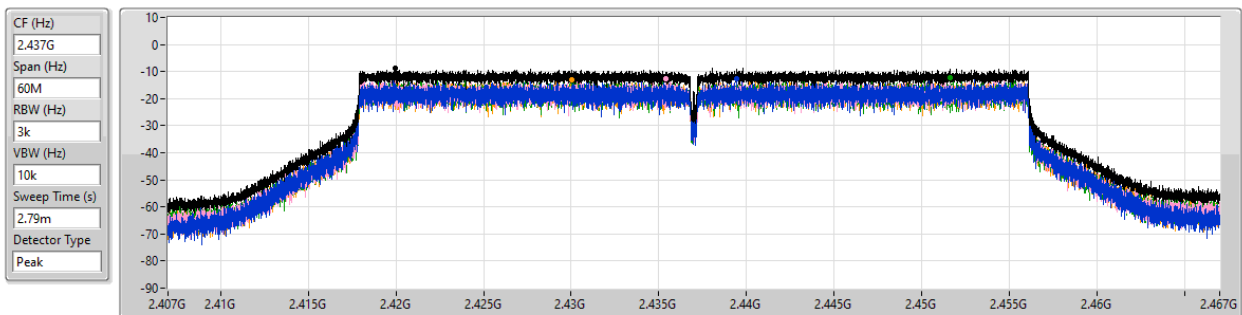
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.42	-5.42	-9.17	-9.51	-9.17	-9.37

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

PSD

2437MHz

29/05/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.77	-8.77	-12.65	-12.77	-12.28	-12.86

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43657G	7.47	-22.53	1.76003G	-55.02	2.39856G	-43.45	2.4G	-47.30	2.51558G	-52.07	21.75496G	-43.87	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	6.57	-23.43	1.86138G	-55.16	2.39984G	-30.07	2.4G	-33.04	2.50742G	-52.14	21.83924G	-44.03	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43574G	6.41	-23.59	1.64469G	-55.42	2.4G	-28.78	2.4G	-30.95	2.52166G	-52.21	21.57233G	-43.64	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.45578G	2.43	-27.57	1.91467G	-54.62	2.39984G	-39.34	2.4G	-38.92	2.50302G	-54.83	21.61209G	-43.75	2

Result

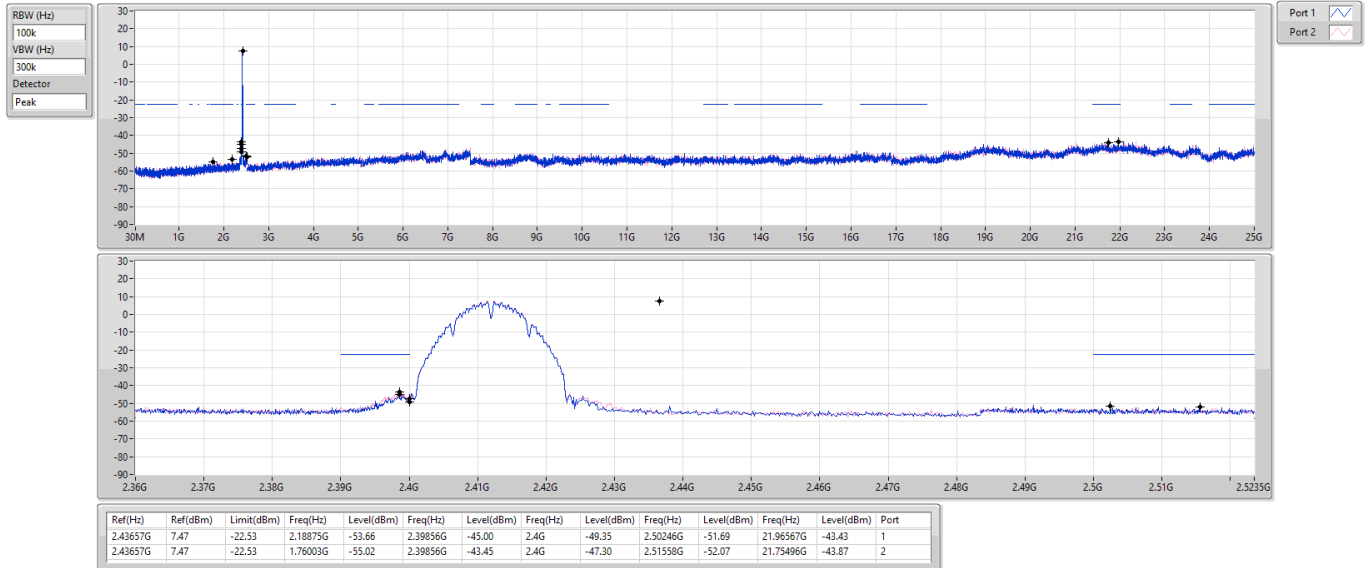
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43657G	7.47	-22.53	2.18875G	-53.66	2.39856G	-45.00	2.4G	-49.35	2.50246G	-51.69	21.96567G	-43.43	1
2412MHz	Pass	2.43657G	7.47	-22.53	1.76003G	-55.02	2.39856G	-43.45	2.4G	-47.30	2.51558G	-52.07	21.75496G	-43.87	2
2437MHz	Pass	2.43657G	7.47	-22.53	1.92313G	-54.75	2.3968G	-52.11	2.4G	-54.37	2.5099G	-52.16	21.70719G	-43.28	1
2437MHz	Pass	2.43657G	7.47	-22.53	2.12817G	-54.96	2.39416G	-52.19	2.4G	-56.16	2.51422G	-51.09	21.97972G	-45.20	2
2462MHz	Pass	2.43657G	7.47	-22.53	2.30525G	-55.41	2.39448G	-52.35	2.4G	-55.53	2.52334G	-51.71	21.67348G	-44.31	1
2462MHz	Pass	2.43657G	7.47	-22.53	2.05477G	-54.96	2.3996G	-52.08	2.4G	-55.31	2.51126G	-52.13	21.59762G	-43.81	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	6.57	-23.43	2.10487G	-54.73	2.39976G	-32.47	2.4G	-31.07	2.52222G	-52.67	21.60043G	-44.74	1
2412MHz	Pass	2.44192G	6.57	-23.43	1.86138G	-55.16	2.39984G	-30.07	2.4G	-33.04	2.50742G	-52.14	21.83924G	-44.03	2
2437MHz	Pass	2.44192G	6.57	-23.43	2.07924G	-54.84	2.39128G	-52.49	2.4G	-54.29	2.50462G	-52.08	21.592G	-44.39	1
2437MHz	Pass	2.44192G	6.57	-23.43	1.79731G	-55.24	2.39568G	-52.42	2.4G	-55.50	2.52318G	-51.82	21.58357G	-44.14	2
2462MHz	Pass	2.44192G	6.57	-23.43	1.83226G	-54.86	2.39008G	-52.77	2.4G	-54.51	2.51214G	-51.81	21.56952G	-44.55	1
2462MHz	Pass	2.44192G	6.57	-23.43	1.93128G	-54.22	2.39104G	-52.61	2.4G	-55.36	2.5151G	-52.00	21.61729G	-45.05	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	6.41	-23.59	1.64469G	-55.42	2.4G	-28.78	2.4G	-30.95	2.52166G	-52.21	21.57233G	-43.64	1
2412MHz	Pass	2.43574G	6.41	-23.59	1.92662G	-55.16	2.4G	-29.88	2.4G	-29.66	2.5059G	-52.21	21.53019G	-44.78	2
2437MHz	Pass	2.43574G	6.41	-23.59	2.17593G	-54.64	2.39768G	-52.36	2.4G	-54.10	2.5035G	-51.11	21.54986G	-43.84	1
2437MHz	Pass	2.43574G	6.41	-23.59	2.13632G	-55.14	2.3956G	-50.72	2.4G	-53.67	2.5147G	-51.96	21.53581G	-43.40	2
2462MHz	Pass	2.43574G	6.41	-23.59	2.06759G	-55.17	2.3968G	-52.81	2.4G	-55.36	2.50086G	-52.03	21.63976G	-43.69	1
2462MHz	Pass	2.43574G	6.41	-23.59	1.97439G	-54.57	2.39816G	-52.46	2.4G	-56.52	2.5187G	-51.84	21.86734G	-44.17	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45578G	2.43	-27.57	2.16772G	-54.83	2.39936G	-39.77	2.4G	-39.16	2.50238G	-54.56	21.58965G	-44.33	1
2422MHz	Pass	2.45578G	2.43	-27.57	1.91467G	-54.62	2.39984G	-39.34	2.4G	-38.92	2.50302G	-54.83	21.61209G	-43.75	2
2437MHz	Pass	2.45578G	2.43	-27.57	2.30054G	-54.20	2.39728G	-45.42	2.4G	-45.53	2.55006G	-54.61	21.54197G	-44.43	1
2437MHz	Pass	2.45578G	2.43	-27.57	1.88261G	-55.23	2.39984G	-44.88	2.4G	-47.66	2.54702G	-55.01	21.56722G	-43.92	2
2452MHz	Pass	2.45578G	2.43	-27.57	1.89979G	-54.28	2.3992G	-50.92	2.4G	-52.02	2.54126G	-54.31	21.62892G	-43.87	1
2452MHz	Pass	2.45578G	2.43	-27.57	2.07497G	-55.15	2.39984G	-51.03	2.4G	-51.89	2.5403G	-54.49	21.54197G	-42.98	2

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

CSEndB

2412MHz

29/05/2024

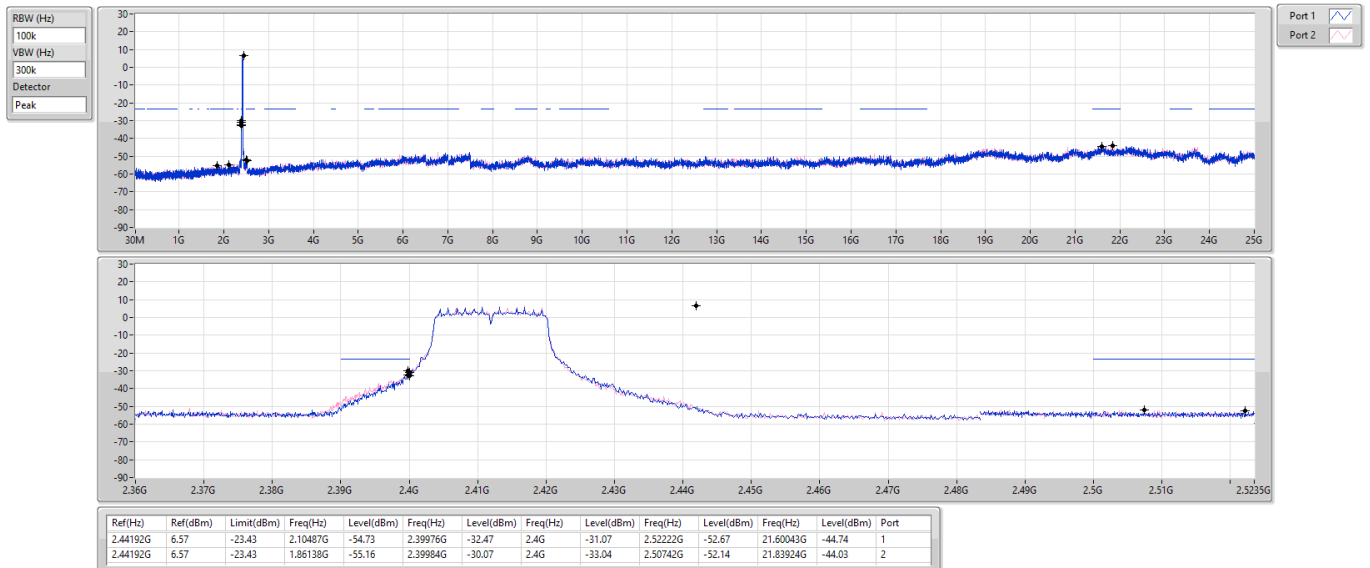


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

29/05/2024

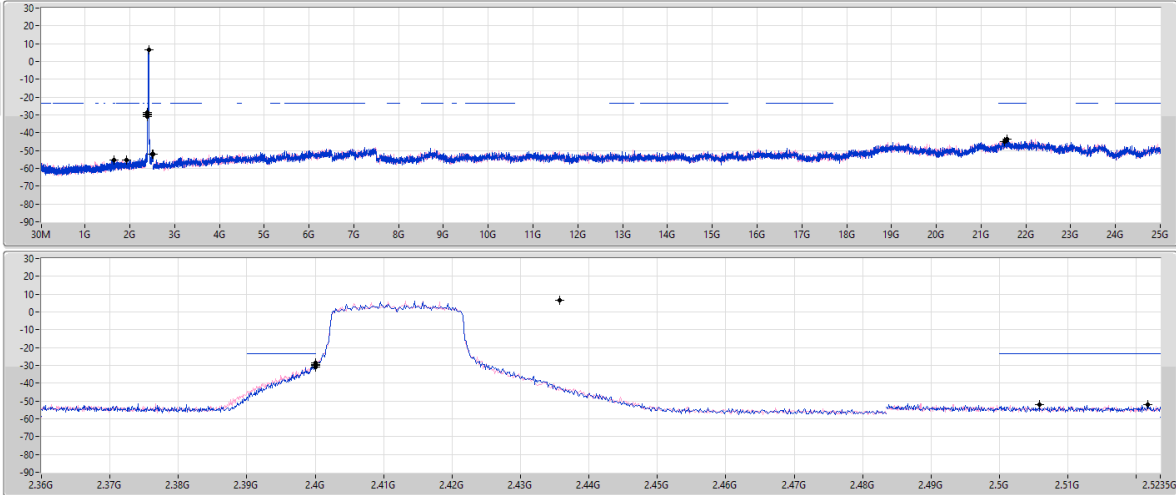


2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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

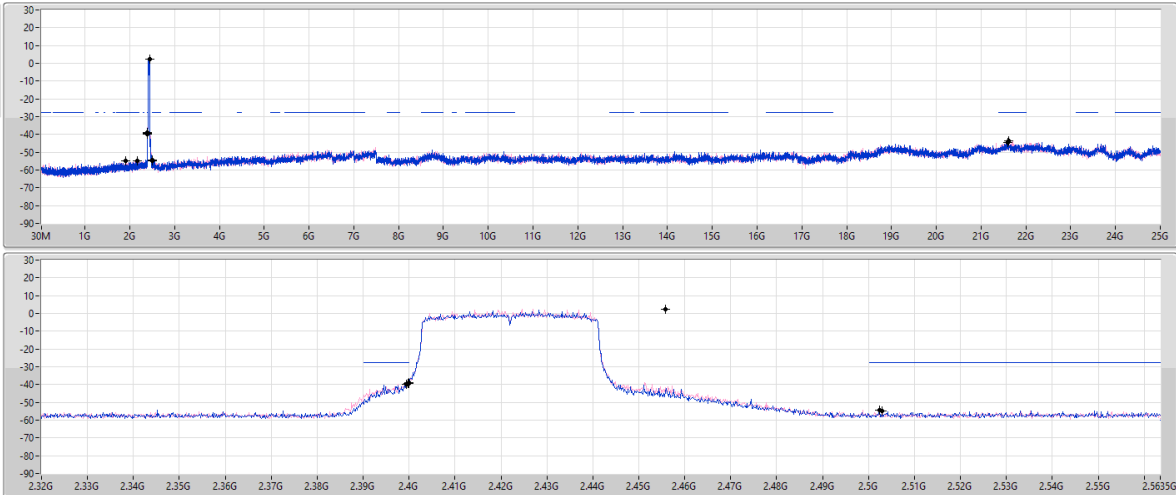


2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.41353G	10.58	-19.42	2.30641G	-54.06	2.4G	-42.51	2.4G	-47.87	2.50566G	-51.74	21.84486G	-43.81	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.41954G	7.92	-22.08	2.1305G	-55.28	2.4G	-25.99	2.4G	-23.38	2.50502G	-51.66	21.50771G	-44.66	4
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.41687G	7.89	-22.11	1.93012G	-54.78	2.3996G	-23.13	2.4G	-24.28	2.52342G	-51.93	21.87577G	-44.57	4
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	2.44192G	3.68	-26.32	2.08757G	-54.55	2.39952G	-28.69	2.4G	-26.75	2.51886G	-54.32	21.9907G	-44.08	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41353G	10.58	-19.42	1.84274G	-55.46	2.39872G	-48.61	2.4G	-51.67	2.50158G	-51.73	21.8842G	-44.76	1
2412MHz	Pass	2.41353G	10.58	-19.42	1.99652G	-55.05	2.3992G	-45.09	2.4G	-44.99	2.50318G	-51.54	21.86172G	-44.64	2
2412MHz	Pass	2.41353G	10.58	-19.42	2.30641G	-54.06	2.4G	-42.51	2.4G	-47.87	2.50566G	-51.74	21.84486G	-43.81	3
2412MHz	Pass	2.41353G	10.58	-19.42	1.84041G	-54.12	2.3996G	-43.81	2.4G	-48.55	2.50062G	-51.98	21.57514G	-44.43	4
2437MHz	Pass	2.41353G	10.58	-19.42	2.18642G	-54.68	2.39888G	-49.40	2.4G	-52.50	2.50574G	-51.24	21.60605G	-43.69	1
2437MHz	Pass	2.41353G	10.58	-19.42	1.87536G	-54.73	2.398G	-50.68	2.4G	-52.50	2.50278G	-51.69	21.52738G	-44.01	2
2437MHz	Pass	2.41353G	10.58	-19.42	1.90798G	-55.16	2.39952G	-50.06	2.4G	-53.36	2.50918G	-52.27	21.58357G	-42.95	3
2437MHz	Pass	2.41353G	10.58	-19.42	2.1538G	-55.02	2.39704G	-49.54	2.4G	-53.56	2.50022G	-51.16	21.56952G	-43.60	4
2462MHz	Pass	2.41353G	10.58	-19.42	1.81362G	-54.68	2.39888G	-50.33	2.4G	-53.07	2.50014G	-49.80	21.54986G	-44.67	1
2462MHz	Pass	2.41353G	10.58	-19.42	2.15962G	-54.36	2.39104G	-52.04	2.4G	-53.12	2.50054G	-51.34	21.56391G	-44.16	2
2462MHz	Pass	2.41353G	10.58	-19.42	1.87769G	-54.16	2.39712G	-51.88	2.4G	-54.29	2.5103G	-51.89	21.53862G	-44.84	3
2462MHz	Pass	2.41353G	10.58	-19.42	1.91614G	-53.93	2.39712G	-51.23	2.4G	-53.16	2.50126G	-51.25	21.64819G	-43.70	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41954G	7.92	-22.08	2.05477G	-55.14	2.39984G	-27.03	2.4G	-25.05	2.50278G	-51.77	21.58638G	-44.05	1
2412MHz	Pass	2.41954G	7.92	-22.08	2.15263G	-54.62	2.39984G	-25.00	2.4G	-24.30	2.5043G	-52.08	21.57795G	-44.43	2
2412MHz	Pass	2.41954G	7.92	-22.08	2.15147G	-54.02	2.4G	-25.20	2.4G	-23.94	2.50718G	-52.19	21.64819G	-43.94	3
2412MHz	Pass	2.41954G	7.92	-22.08	2.1305G	-55.28	2.4G	-25.99	2.4G	-23.38	2.50502G	-51.66	21.50771G	-44.66	4
2437MHz	Pass	2.41954G	7.92	-22.08	1.75187G	-55.24	2.39944G	-51.08	2.4G	-53.47	2.50158G	-51.36	21.94601G	-44.63	1
2437MHz	Pass	2.41954G	7.92	-22.08	2.14098G	-54.66	2.3968G	-50.20	2.4G	-52.81	2.50262G	-51.84	21.60324G	-43.32	2
2437MHz	Pass	2.41954G	7.92	-22.08	2.30874G	-54.92	2.39976G	-49.88	2.4G	-53.33	2.50014G	-52.19	21.58076G	-44.49	3
2437MHz	Pass	2.41954G	7.92	-22.08	1.90216G	-55.51	2.39968G	-50.43	2.4G	-53.48	2.50182G	-50.85	21.60886G	-43.98	4
2462MHz	Pass	2.41954G	7.92	-22.08	2.19923G	-54.40	2.39744G	-51.24	2.4G	-54.55	2.50862G	-50.93	21.66224G	-44.80	1
2462MHz	Pass	2.41954G	7.92	-22.08	1.72741G	-55.14	2.39608G	-51.05	2.4G	-54.20	2.50166G	-50.77	21.60043G	-44.09	2
2462MHz	Pass	2.41954G	7.92	-22.08	1.84274G	-54.73	2.39824G	-51.54	2.4G	-55.00	2.51334G	-52.11	21.58076G	-44.72	3
2462MHz	Pass	2.41954G	7.92	-22.08	2.06526G	-54.65	2.39816G	-51.18	2.4G	-53.88	2.5003G	-50.54	21.57795G	-44.96	4
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41687G	7.89	-22.11	1.81711G	-55.00	2.4G	-27.13	2.4G	-26.60	2.50206G	-52.34	21.99658G	-43.68	1
2412MHz	Pass	2.41687G	7.89	-22.11	2.15263G	-54.56	2.39984G	-25.18	2.4G	-23.40	2.52246G	-52.15	21.58638G	-43.17	2
2412MHz	Pass	2.41687G	7.89	-22.11	2.09438G	-54.09	2.39984G	-25.76	2.4G	-25.50	2.50798G	-52.14	21.71562G	-42.33	3
2412MHz	Pass	2.41687G	7.89	-22.11	1.93012G	-54.78	2.3996G	-23.13	2.4G	-24.28	2.52342G	-51.93	21.87577G	-44.57	4
2437MHz	Pass	2.41687G	7.89	-22.11	2.11302G	-55.02	2.39976G	-50.47	2.4G	-54.40	2.50158G	-51.83	21.51614G	-43.99	1
2437MHz	Pass	2.41687G	7.89	-22.11	2.15962G	-55.87	2.4G	-50.72	2.4G	-53.59	2.50678G	-52.05	21.55267G	-43.37	2
2437MHz	Pass	2.41687G	7.89	-22.11	2.17011G	-55.16	2.39968G	-49.74	2.4G	-52.95	2.51686G	-52.29	21.58076G	-44.20	3
2437MHz	Pass	2.41687G	7.89	-22.11	2.1037G	-55.36	2.39944G	-50.54	2.4G	-54.37	2.51526G	-52.21	21.52457G	-43.84	4
2462MHz	Pass	2.41687G	7.89	-22.11	2.04429G	-55.63	2.39296G	-52.11	2.4G	-55.96	2.50022G	-50.73	21.69314G	-43.59	1
2462MHz	Pass	2.41687G	7.89	-22.11	1.91614G	-55.54	2.3968G	-52.09	2.4G	-54.98	2.50022G	-52.17	21.55548G	-44.59	2
2462MHz	Pass	2.41687G	7.89	-22.11	2.12118G	-55.03	2.3968G	-52.31	2.4G	-55.26	2.50238G	-52.17	21.60324G	-44.63	3
2462MHz	Pass	2.41687G	7.89	-22.11	2.1037G	-55.05	2.3956G	-51.69	2.4G	-55.65	2.50134G	-51.87	21.56391G	-43.65	4
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44192G	3.68	-26.32	2.30283G	-54.73	2.4G	-28.40	2.4G	-28.03	2.50334G	-54.01	21.94303G	-44.38	1
2422MHz	Pass	2.44192G	3.68	-26.32	2.08757G	-54.55	2.39952G	-28.69	2.4G	-26.75	2.51886G	-54.32	21.9907G	-44.08	2
2422MHz	Pass	2.44192G	3.68	-26.32	2.16428G	-54.91	2.4G	-29.08	2.4G	-27.40	2.50142G	-54.42	21.63453G	-44.66	3
2422MHz	Pass	2.44192G	3.68	-26.32	2.03719G	-54.63	2.39968G	-27.41	2.4G	-27.96	2.50046G	-54.25	21.93461G	-43.62	4
2437MHz	Pass	2.44192G	3.68	-26.32	2.18833G	-54.96	2.39968G	-47.43	2.4G	-49.49	2.50414G	-52.60	21.9907G	-44.52	1
2437MHz	Pass	2.44192G	3.68	-26.32	1.80933G	-54.92	2.39872G	-45.83	2.4G	-46.75	2.5019G	-53.22	21.56722G	-44.07	2
2437MHz	Pass	2.44192G	3.68	-26.32	2.01543G	-55.18	2.39888G	-45.37	2.4G	-46.04	2.50062G	-53.57	21.63172G	-44.45	3
2437MHz	Pass	2.44192G	3.68	-26.32	2.30168G	-54.35	2.3984G	-47.79	2.4G	-49.38	2.50158G	-53.22	21.62892G	-43.72	4
2452MHz	Pass	2.44192G	3.68	-26.32	1.9536G	-54.95	2.3984G	-54.45	2.4G	-55.29	2.50014G	-53.44	21.48027G	-43.68	1
2452MHz	Pass	2.44192G	3.68	-26.32	1.76926G	-55.11	2.3984G	-52.77	2.4G	-53.93	2.50078G	-53.75	21.54197G	-43.31	2
2452MHz	Pass	2.44192G	3.68	-26.32	2.17688G	-55.45	2.39936G	-53.11	2.4G	-53.94	2.52398G	-54.28	21.60367G	-44.54	3
2452MHz	Pass	2.44192G	3.68	-26.32	1.63987G	-54.77	2.3976G	-53.23	2.4G	-55.55	2.50654G	-54.18	21.55039G	-43.76	4

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

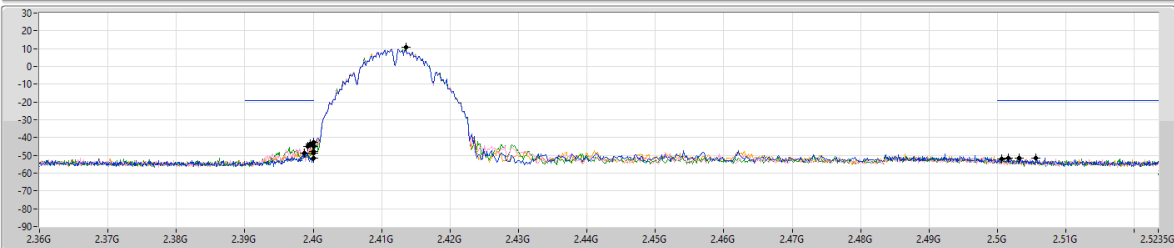
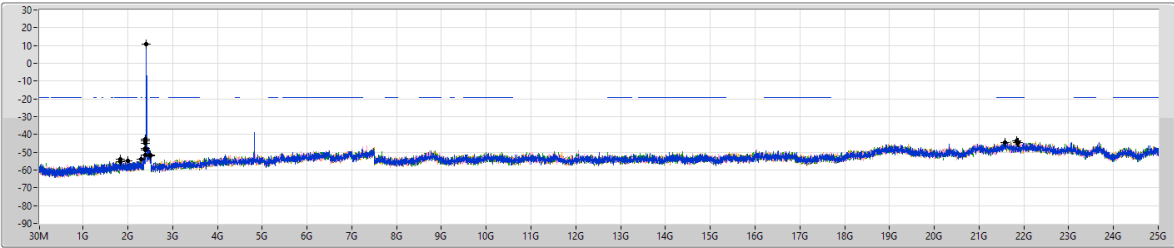
CSEndB

2412MHz

29/05/2024

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

Port 1
Port 2
Port 3
Port 4



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41353G	10.58	-19.42	1.84274G	-55.46	2.39872G	-48.61	2.4G	-51.67	2.50158G	-51.73	21.8842G	-44.76	1
2.41353G	10.58	-19.42	1.99652G	-55.05	2.3992G	-45.09	2.4G	-44.99	2.50318G	-51.54	21.86172G	-44.64	2
2.41353G	10.58	-19.42	2.30641G	-54.06	2.4G	-42.51	2.4G	-47.87	2.50566G	-51.74	21.84486G	-43.81	3
2.41353G	10.58	-19.42	1.84041G	-54.12	2.3996G	-43.81	2.4G	-48.55	2.50062G	-51.98	21.57514G	-44.43	4

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

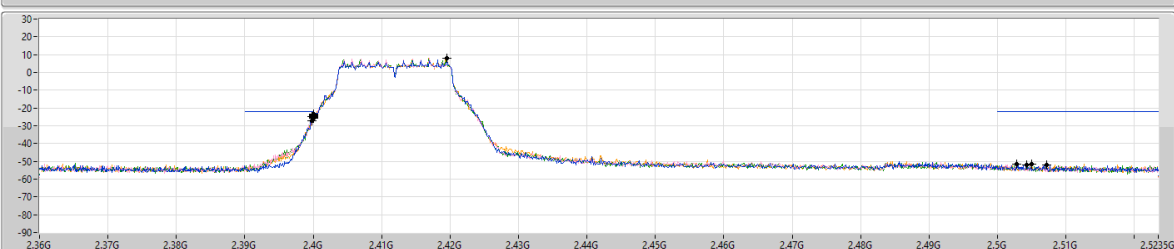
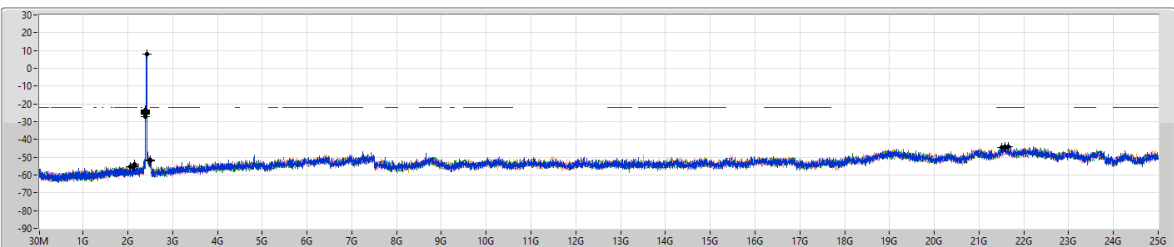
CSEndB

2412MHz

29/05/2024

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

Port 1
Port 2
Port 3
Port 4



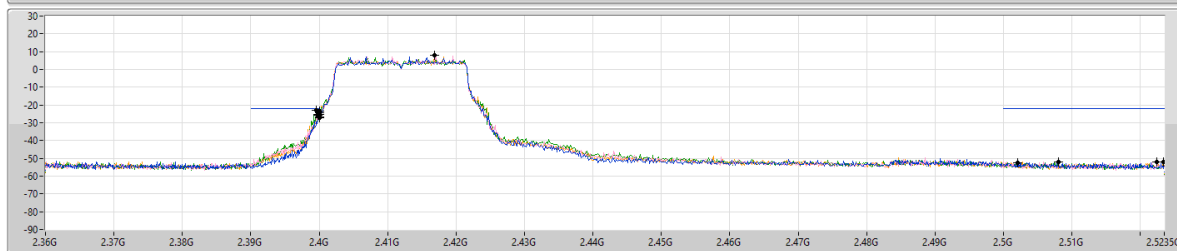
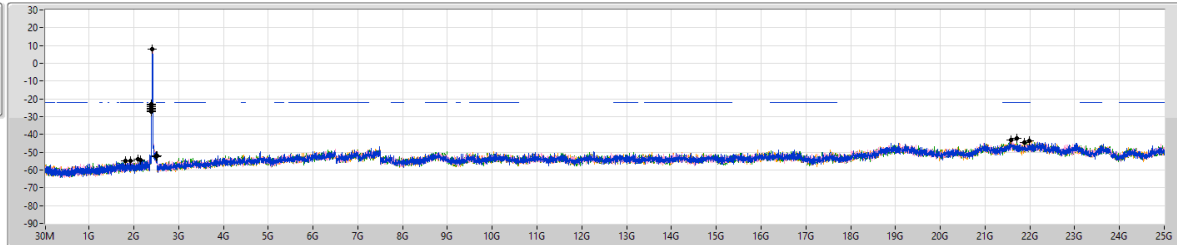
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41954G	7.92	-22.08	2.05477G	-55.14	2.39984G	-27.03	2.4G	-25.05	2.50278G	-51.77	21.58638G	-44.05	1
2.41954G	7.92	-22.08	2.15263G	-54.62	2.39984G	-25.00	2.4G	-24.30	2.5043G	-52.08	21.57795G	-44.43	2
2.41954G	7.92	-22.08	2.15147G	-54.02	2.4G	-25.20	2.4G	-23.94	2.50718G	-52.19	21.64819G	-43.94	3
2.41954G	7.92	-22.08	2.1305G	-55.28	2.4G	-25.99	2.4G	-23.38	2.50502G	-51.66	21.50771G	-44.66	4

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

CSNdB

2412MHz

29/05/2024

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

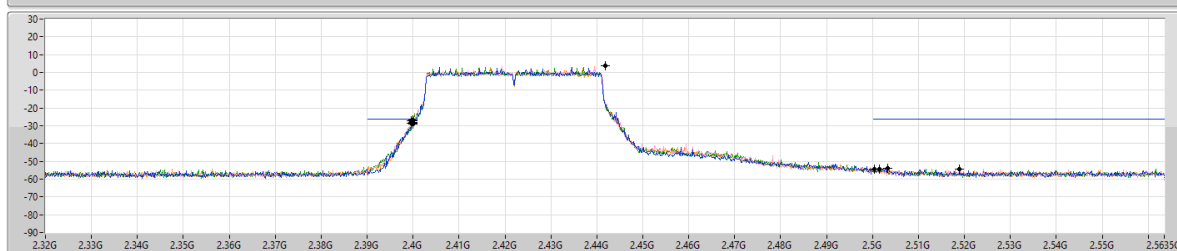
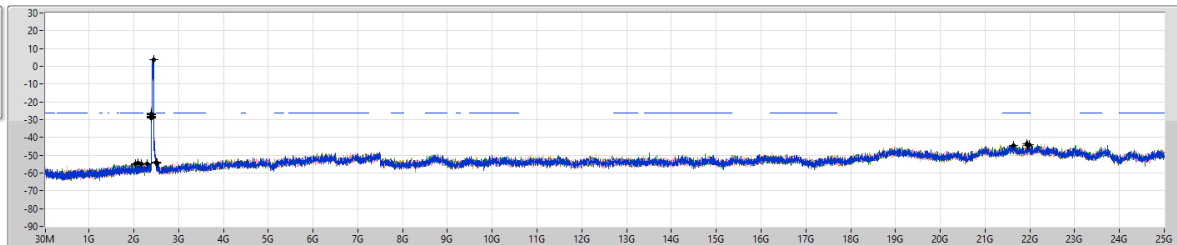
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41687G	7.89	-22.11	1.81711G	-55.00	2.4G	-27.13	2.4G	-26.60	2.50206G	-52.34	21.99658G	-43.68	1
2.41687G	7.89	-22.11	2.15263G	-54.56	2.39984G	-25.18	2.4G	-23.40	2.52246G	-52.15	21.58638G	-43.17	2
2.41687G	7.89	-22.11	2.09438G	-54.09	2.39984G	-25.76	2.4G	-25.50	2.50798G	-52.14	21.71562G	-42.33	3
2.41687G	7.89	-22.11	1.93012G	-54.78	2.3996G	-23.13	2.4G	-24.28	2.52342G	-51.93	21.87577G	-44.57	4

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

CSNdB

2422MHz

29/05/2024

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
2.44192G	3.68	-26.32	2.30283G	-54.73	2.4G	-28.40	2.4G	-28.03	2.50334G	-54.01	21.94303G	-44.38	1
2.44192G	3.68	-26.32	2.08757G	-54.55	2.39952G	-28.69	2.4G	-26.75	2.51886G	-54.32	21.9907G	-44.08	2
2.44192G	3.68	-26.32	2.16428G	-54.91	2.4G	-29.08	2.4G	-27.40	2.50142G	-54.42	21.63453G	-44.66	3
2.44192G	3.68	-26.32	2.03719G	-54.63	2.39968G	-27.41	2.4G	-27.96	2.50046G	-54.25	21.93461G	-43.62	4



Summary

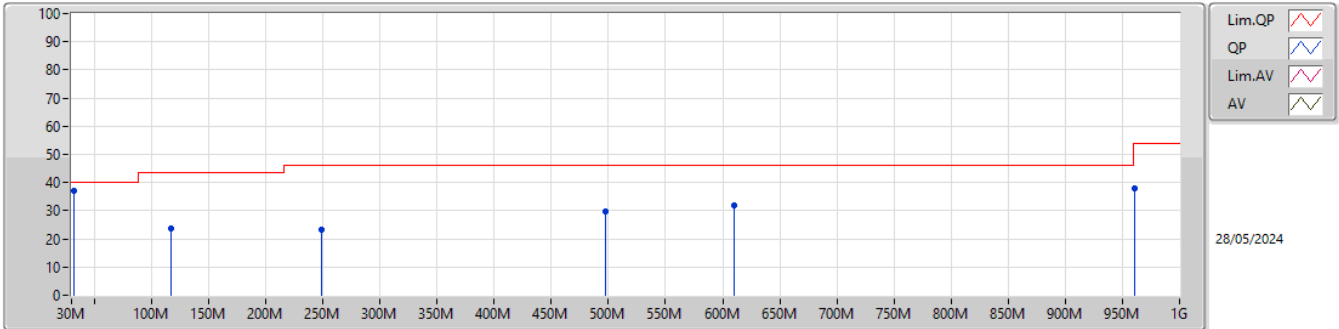
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	QP	31.94M	36.95	40.00	-3.05	3	Vertical	271	1.01

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	30M	26.49	40.00	-13.51	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	150.28M	24.30	43.50	-19.20	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	194.9M	26.66	43.50	-16.84	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	423.82M	27.46	46.00	-18.54	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	565.44M	30.07	46.00	-15.93	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	961.2M	39.01	54.00	-14.99	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	30M	23.64	40.00	-16.36	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	150.28M	31.38	43.50	-12.12	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	194.9M	30.27	43.50	-13.23	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	542.16M	30.05	46.00	-15.95	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	769.14M	31.46	46.00	-14.54	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	961.2M	37.26	54.00	-16.74	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	117.3M	23.57	43.50	-19.93	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	249.22M	23.10	46.00	-22.90	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	497.54M	29.92	46.00	-16.08	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	610.06M	31.70	46.00	-14.30	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	961.2M	37.98	54.00	-16.02	3	Vertical	0	1.00
2437MHz_PoE	Pass	QP	31.94M	36.95	40.00	-3.05	3	Vertical	271	1.01
2437MHz_PoE	Pass	PK	31.94M	27.19	40.00	-12.81	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	117.3M	27.29	43.50	-16.21	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	249.22M	24.14	46.00	-21.86	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	359.8M	27.12	46.00	-18.88	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	600.36M	30.26	46.00	-15.74	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	961.2M	37.94	54.00	-16.06	3	Horizontal	360	1.00

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

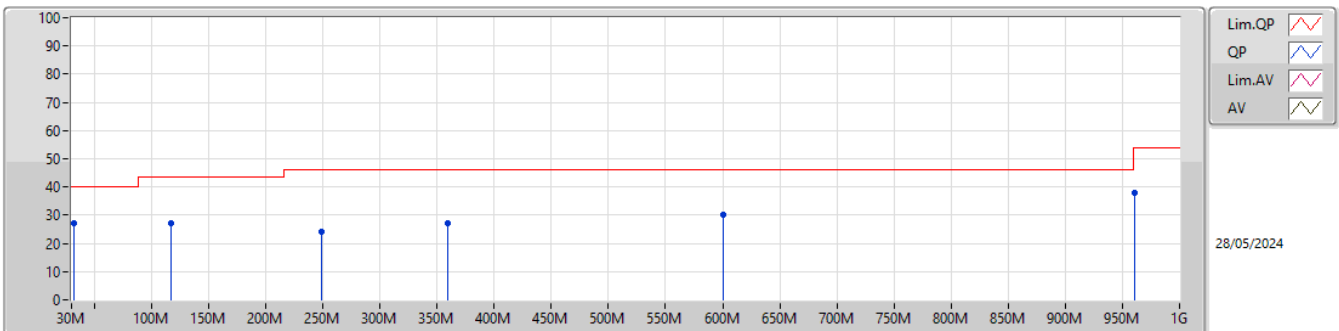
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	117.3M	23.57	43.50	-19.93	-8.10	3	Vertical	0	1.00	31.67	17.47	1.80	27.37
PK	249.22M	23.10	46.00	-22.90	-6.91	3	Vertical	0	1.00	30.01	17.51	2.63	27.05
PK	497.54M	29.92	46.00	-16.08	-1.38	3	Vertical	0	1.00	31.30	22.74	3.84	27.96
PK	610.06M	31.70	46.00	-14.30	0.34	3	Vertical	0	1.00	31.36	24.10	4.39	28.15
PK	961.2M	37.98	54.00	-16.02	4.46	3	Vertical	0	1.00	33.52	26.39	5.58	27.51
QP	31.94M	36.95	40.00	-3.05	-4.03	3	Vertical	271	1.01	40.98	22.60	0.95	27.58

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	27.19	40.00	-12.81	-4.03	3	Horizontal	360	1.00	31.22	22.60	0.95	27.58
PK	117.3M	27.29	43.50	-16.21	-8.10	3	Horizontal	360	1.00	35.39	17.47	1.80	27.37
PK	249.22M	24.14	46.00	-21.86	-6.91	3	Horizontal	360	1.00	31.05	17.51	2.63	27.05
PK	359.8M	27.12	46.00	-18.88	-4.09	3	Horizontal	360	1.00	31.21	19.85	3.21	27.15
PK	600.36M	30.26	46.00	-15.74	0.27	3	Horizontal	360	1.00	29.99	24.04	4.37	28.14
PK	961.2M	37.94	54.00	-16.06	4.46	3	Horizontal	360	1.00	33.48	26.39	5.58	27.51

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.4866G	48.64	54.00	-5.36	3	Vertical	171	2.60
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Vertical	260	2.63
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Vertical	264	2.75
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.486G	51.53	54.00	-2.47	3	Vertical	243	2.96

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	47.26	54.00	-6.74	3	Vertical	258	1.98
2412MHz	Pass	AV	2.4112G	107.39	Inf	-Inf	3	Vertical	258	1.98
2412MHz	Pass	PK	2.3892G	59.84	74.00	-14.16	3	Vertical	258	1.98
2412MHz	Pass	PK	2.4112G	109.78	Inf	-Inf	3	Vertical	258	1.98
2412MHz	Pass	AV	2.3896G	47.26	54.00	-6.74	3	Horizontal	356	1.50
2412MHz	Pass	AV	2.4112G	96.55	Inf	-Inf	3	Horizontal	356	1.50
2412MHz	Pass	PK	2.3752G	59.71	74.00	-14.29	3	Horizontal	356	1.50
2412MHz	Pass	PK	2.4112G	98.97	Inf	-Inf	3	Horizontal	356	1.50
2412MHz	Pass	AV	4.93268G	34.73	54.00	-19.27	3	Vertical	160	1.49
2412MHz	Pass	PK	4.93168G	47.35	74.00	-26.65	3	Vertical	160	1.49
2412MHz	Pass	AV	4.91476G	34.67	54.00	-19.33	3	Horizontal	156	2.19
2412MHz	Pass	PK	4.92424G	47.16	74.00	-26.84	3	Horizontal	156	2.19
2437MHz	Pass	AV	2.3466G	47.41	54.00	-6.59	3	Vertical	171	2.76
2437MHz	Pass	AV	2.4378G	109.71	Inf	-Inf	3	Vertical	171	2.76
2437MHz	Pass	AV	2.4898G	48.39	54.00	-5.61	3	Vertical	171	2.76
2437MHz	Pass	PK	2.3378G	59.73	74.00	-14.27	3	Vertical	171	2.76
2437MHz	Pass	PK	2.4378G	112.10	Inf	-Inf	3	Vertical	171	2.76
2437MHz	Pass	PK	2.4966G	60.23	74.00	-13.77	3	Vertical	171	2.76
2437MHz	Pass	AV	2.3898G	47.26	54.00	-6.74	3	Horizontal	184	2.83
2437MHz	Pass	AV	2.4378G	98.81	Inf	-Inf	3	Horizontal	184	2.83
2437MHz	Pass	AV	2.4898G	48.39	54.00	-5.61	3	Horizontal	184	2.83
2437MHz	Pass	PK	2.3838G	59.50	74.00	-14.50	3	Horizontal	184	2.83
2437MHz	Pass	PK	2.4378G	101.36	Inf	-Inf	3	Horizontal	184	2.83
2437MHz	Pass	PK	2.4934G	59.90	74.00	-14.10	3	Horizontal	184	2.83
2437MHz	Pass	AV	4.91724G	34.67	54.00	-19.33	3	Vertical	14	1.13
2437MHz	Pass	PK	4.9302G	47.03	74.00	-26.97	3	Vertical	14	1.13
2437MHz	Pass	AV	4.91412G	34.67	54.00	-19.33	3	Horizontal	35	2.94
2437MHz	Pass	PK	4.92972G	47.07	74.00	-26.93	3	Horizontal	35	2.94
2462MHz	Pass	AV	2.4612G	109.64	Inf	-Inf	3	Vertical	171	2.60
2462MHz	Pass	AV	2.4866G	48.64	54.00	-5.36	3	Vertical	171	2.60
2462MHz	Pass	PK	2.461G	112.02	Inf	-Inf	3	Vertical	171	2.60
2462MHz	Pass	PK	2.4926G	60.91	74.00	-13.09	3	Vertical	171	2.60
2462MHz	Pass	AV	2.4628G	99.57	Inf	-Inf	3	Horizontal	188	2.97
2462MHz	Pass	AV	2.4896G	48.39	54.00	-5.61	3	Horizontal	188	2.97
2462MHz	Pass	PK	2.4628G	101.98	Inf	-Inf	3	Horizontal	188	2.97
2462MHz	Pass	PK	2.4835G	60.28	74.00	-13.72	3	Horizontal	188	2.97
2462MHz	Pass	AV	4.93396G	34.82	54.00	-19.18	3	Vertical	323	1.34
2462MHz	Pass	PK	4.9248G	47.36	74.00	-26.64	3	Vertical	323	1.34
2462MHz	Pass	AV	4.91456G	34.67	54.00	-19.33	3	Horizontal	22	2.79
2462MHz	Pass	PK	4.91544G	47.17	74.00	-26.83	3	Horizontal	22	2.79
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3894G	47.52	54.00	-6.48	3	Vertical	260	2.46
2412MHz	Pass	AV	2.4136G	101.39	Inf	-Inf	3	Vertical	260	2.46
2412MHz	Pass	PK	2.389G	61.03	74.00	-12.97	3	Vertical	260	2.46
2412MHz	Pass	PK	2.4088G	113.08	Inf	-Inf	3	Vertical	260	2.46
2412MHz	Pass	AV	2.3896G	46.00	54.00	-8.00	3	Horizontal	197	1.78
2412MHz	Pass	AV	2.409G	91.08	Inf	-Inf	3	Horizontal	197	1.78
2412MHz	Pass	PK	2.3702G	60.13	74.00	-13.87	3	Horizontal	197	1.78
2412MHz	Pass	PK	2.4096G	102.61	Inf	-Inf	3	Horizontal	197	1.78
2412MHz	Pass	AV	4.83084G	34.97	54.00	-19.03	3	Vertical	147	2.38
2412MHz	Pass	PK	4.8141G	46.61	74.00	-27.39	3	Vertical	147	2.38
2412MHz	Pass	AV	4.83264G	34.70	54.00	-19.30	3	Horizontal	285	1.50
2412MHz	Pass	PK	4.8114G	46.97	74.00	-27.03	3	Horizontal	285	1.50
2437MHz	Pass	AV	2.3898G	45.77	54.00	-8.23	3	Vertical	241	3.00
2437MHz	Pass	AV	2.4402G	103.04	Inf	-Inf	3	Vertical	241	3.00
2437MHz	Pass	AV	2.4874G	47.01	54.00	-6.99	3	Vertical	241	3.00
2437MHz	Pass	PK	2.3818G	60.34	74.00	-13.66	3	Vertical	241	3.00
2437MHz	Pass	PK	2.4346G	114.35	Inf	-Inf	3	Vertical	241	3.00
2437MHz	Pass	PK	2.4962G	61.08	74.00	-12.92	3	Vertical	241	3.00
2437MHz	Pass	AV	2.387G	45.76	54.00	-8.24	3	Horizontal	182	2.83



RSE TX above 1GHz Non-Beamforming Radio 0

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4374G	92.15	Inf	-Inf	3	Horizontal	182	2.83
2437MHz	Pass	AV	2.4874G	46.85	54.00	-7.15	3	Horizontal	182	2.83
2437MHz	Pass	PK	2.3866G	59.70	74.00	-14.30	3	Horizontal	182	2.83
2437MHz	Pass	PK	2.4378G	102.84	Inf	-Inf	3	Horizontal	182	2.83
2437MHz	Pass	PK	2.4982G	60.33	74.00	-13.67	3	Horizontal	182	2.83
2437MHz	Pass	AV	4.8809G	35.34	54.00	-18.66	3	Vertical	81	1.50
2437MHz	Pass	PK	4.87022G	47.21	74.00	-26.79	3	Vertical	81	1.50
2437MHz	Pass	AV	4.88144G	35.11	54.00	-18.89	3	Horizontal	17	1.80
2437MHz	Pass	PK	4.87778G	47.30	74.00	-26.70	3	Horizontal	17	1.80
2462MHz	Pass	AV	2.4636G	103.45	Inf	-Inf	3	Vertical	260	2.63
2462MHz	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Vertical	260	2.63
2462MHz	Pass	PK	2.4586G	114.70	Inf	-Inf	3	Vertical	260	2.63
2462MHz	Pass	PK	2.4835G	66.26	74.00	-7.74	3	Vertical	260	2.63
2462MHz	Pass	AV	2.4566G	89.02	Inf	-Inf	3	Horizontal	188	1.92
2462MHz	Pass	AV	2.4856G	47.02	54.00	-6.98	3	Horizontal	188	1.92
2462MHz	Pass	PK	2.4576G	100.22	Inf	-Inf	3	Horizontal	188	1.92
2462MHz	Pass	PK	2.4998G	60.97	74.00	-13.03	3	Horizontal	188	1.92
2462MHz	Pass	AV	4.90996G	35.49	54.00	-18.51	3	Vertical	62	2.92
2462MHz	Pass	PK	4.9117G	47.51	74.00	-26.49	3	Vertical	62	2.92
2462MHz	Pass	AV	4.9333G	35.53	54.00	-18.47	3	Horizontal	287	2.41
2462MHz	Pass	PK	4.93324G	47.40	74.00	-26.60	3	Horizontal	287	2.41
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.86	54.00	-6.14	3	Vertical	259	2.44
2412MHz	Pass	AV	2.4148G	101.73	Inf	-Inf	3	Vertical	259	2.44
2412MHz	Pass	PK	2.3896G	62.19	74.00	-11.81	3	Vertical	259	2.44
2412MHz	Pass	PK	2.4148G	116.23	Inf	-Inf	3	Vertical	259	2.44
2412MHz	Pass	AV	2.39G	46.11	54.00	-7.89	3	Horizontal	197	1.14
2412MHz	Pass	AV	2.415G	91.37	Inf	-Inf	3	Horizontal	197	1.14
2412MHz	Pass	PK	2.3666G	59.29	74.00	-14.71	3	Horizontal	197	1.14
2412MHz	Pass	PK	2.4144G	105.61	Inf	-Inf	3	Horizontal	197	1.14
2412MHz	Pass	AV	4.83108G	34.28	54.00	-19.72	3	Vertical	316	1.46
2412MHz	Pass	PK	4.8249G	46.89	74.00	-27.11	3	Vertical	316	1.46
2412MHz	Pass	AV	4.82976G	34.26	54.00	-19.74	3	Horizontal	207	1.43
2412MHz	Pass	PK	4.83696G	46.75	74.00	-27.25	3	Horizontal	207	1.43
2437MHz	Pass	AV	2.3862G	45.78	54.00	-8.22	3	Vertical	239	2.95
2437MHz	Pass	AV	2.443G	102.89	Inf	-Inf	3	Vertical	239	2.95
2437MHz	Pass	AV	2.4882G	46.97	54.00	-7.03	3	Vertical	239	2.95
2437MHz	Pass	PK	2.3522G	60.93	74.00	-13.07	3	Vertical	239	2.95
2437MHz	Pass	PK	2.4426G	117.68	Inf	-Inf	3	Vertical	239	2.95
2437MHz	Pass	PK	2.4918G	60.52	74.00	-13.48	3	Vertical	239	2.95
2437MHz	Pass	AV	2.351G	45.76	54.00	-8.24	3	Horizontal	181	2.82
2437MHz	Pass	AV	2.4382G	92.50	Inf	-Inf	3	Horizontal	181	2.82
2437MHz	Pass	AV	2.4842G	46.88	54.00	-7.12	3	Horizontal	181	2.82
2437MHz	Pass	PK	2.3618G	59.99	74.00	-14.01	3	Horizontal	181	2.82
2437MHz	Pass	PK	2.4382G	106.51	Inf	-Inf	3	Horizontal	181	2.82
2437MHz	Pass	PK	2.495G	60.30	74.00	-13.70	3	Horizontal	181	2.82
2437MHz	Pass	AV	4.87904G	34.67	54.00	-19.33	3	Vertical	238	2.98
2437MHz	Pass	PK	4.86776G	47.40	74.00	-26.60	3	Vertical	238	2.98
2437MHz	Pass	AV	4.87898G	34.67	54.00	-19.33	3	Horizontal	46	1.49
2437MHz	Pass	PK	4.8833G	47.42	74.00	-26.58	3	Horizontal	46	1.49
2457MHz	Pass	AV	2.4602G	106.20	Inf	-Inf	3	Vertical	258	2.65
2457MHz	Pass	AV	2.4835G	50.91	54.00	-3.09	3	Vertical	258	2.65
2457MHz	Pass	PK	2.4604G	118.68	Inf	-Inf	3	Vertical	258	2.65
2457MHz	Pass	PK	2.4835G	63.31	74.00	-10.69	3	Vertical	258	2.65
2457MHz	Pass	AV	2.4596G	92.31	Inf	-Inf	3	Horizontal	204	1.52
2457MHz	Pass	AV	2.4838G	48.61	54.00	-5.39	3	Horizontal	204	1.52
2457MHz	Pass	PK	2.4592G	104.64	Inf	-Inf	3	Horizontal	204	1.52
2457MHz	Pass	PK	2.4922G	60.72	74.00	-13.28	3	Horizontal	204	1.52
2462MHz	Pass	AV	2.4648G	103.28	Inf	-Inf	3	Vertical	264	2.75
2462MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Vertical	264	2.75
2462MHz	Pass	PK	2.4648G	117.22	Inf	-Inf	3	Vertical	264	2.75
2462MHz	Pass	PK	2.4844G	70.66	74.00	-3.34	3	Vertical	264	2.75



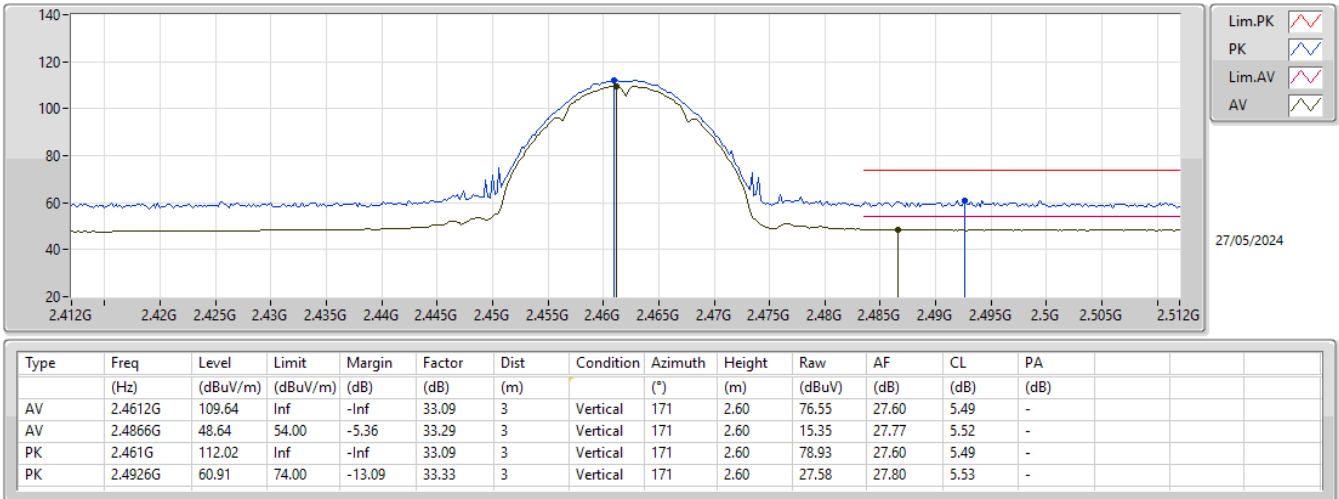
RSE TX above 1GHz_Non-Beamforming_Radio 0

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	AV	2.4638G	89.50	Inf	-Inf	3	Horizontal	203	1.50
2462MHz	Pass	AV	2.4838G	47.19	54.00	-6.81	3	Horizontal	203	1.50
2462MHz	Pass	PK	2.4634G	104.06	Inf	-Inf	3	Horizontal	203	1.50
2462MHz	Pass	PK	2.4836G	60.99	74.00	-13.01	3	Horizontal	203	1.50
2462MHz	Pass	AV	4.90954G	35.09	54.00	-18.91	3	Vertical	79	1.50
2462MHz	Pass	PK	4.91818G	47.26	74.00	-26.74	3	Vertical	79	1.50
2462MHz	Pass	AV	4.91044G	34.92	54.00	-19.08	3	Horizontal	360	1.54
2462MHz	Pass	PK	4.9093G	47.49	74.00	-26.51	3	Horizontal	360	1.54
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	50.37	54.00	-3.63	3	Vertical	176	2.55
2422MHz	Pass	AV	2.4292G	98.42	Inf	-Inf	3	Vertical	176	2.55
2422MHz	Pass	AV	2.4835G	47.01	54.00	-6.99	3	Vertical	176	2.55
2422MHz	Pass	PK	2.39G	68.03	74.00	-5.97	3	Vertical	176	2.55
2422MHz	Pass	PK	2.4288G	113.30	Inf	-Inf	3	Vertical	176	2.55
2422MHz	Pass	PK	2.4888G	61.39	74.00	-12.61	3	Vertical	176	2.55
2422MHz	Pass	AV	2.3232G	45.87	54.00	-8.13	3	Horizontal	198	1.02
2422MHz	Pass	AV	2.4248G	87.61	Inf	-Inf	3	Horizontal	198	1.02
2422MHz	Pass	AV	2.4852G	46.93	54.00	-7.07	3	Horizontal	198	1.02
2422MHz	Pass	PK	2.3876G	60.00	74.00	-14.00	3	Horizontal	198	1.02
2422MHz	Pass	PK	2.426G	101.84	Inf	-Inf	3	Horizontal	198	1.02
2422MHz	Pass	PK	2.4835G	60.32	74.00	-13.68	3	Horizontal	198	1.02
2422MHz	Pass	AV	4.86452G	34.41	54.00	-19.59	3	Vertical	106	1.50
2422MHz	Pass	PK	4.8626G	47.35	74.00	-26.65	3	Vertical	106	1.50
2422MHz	Pass	AV	4.8632G	34.39	54.00	-19.61	3	Horizontal	294	1.50
2422MHz	Pass	PK	4.87316G	46.66	74.00	-27.34	3	Horizontal	294	1.50
2437MHz	Pass	AV	2.3882G	46.01	54.00	-7.99	3	Vertical	240	2.95
2437MHz	Pass	AV	2.4434G	99.93	Inf	-Inf	3	Vertical	240	2.95
2437MHz	Pass	AV	2.4835G	49.13	54.00	-4.87	3	Vertical	240	2.95
2437MHz	Pass	PK	2.3566G	59.33	74.00	-14.67	3	Vertical	240	2.95
2437MHz	Pass	PK	2.443G	114.17	Inf	-Inf	3	Vertical	240	2.95
2437MHz	Pass	PK	2.4838G	64.82	74.00	-9.18	3	Vertical	240	2.95
2437MHz	Pass	AV	2.389G	45.81	54.00	-8.19	3	Horizontal	182	2.82
2437MHz	Pass	AV	2.4382G	89.03	Inf	-Inf	3	Horizontal	182	2.82
2437MHz	Pass	AV	2.4934G	46.91	54.00	-7.09	3	Horizontal	182	2.82
2437MHz	Pass	PK	2.3746G	59.56	74.00	-14.44	3	Horizontal	182	2.82
2437MHz	Pass	PK	2.4386G	103.59	Inf	-Inf	3	Horizontal	182	2.82
2437MHz	Pass	PK	2.497G	60.74	74.00	-13.26	3	Horizontal	182	2.82
2437MHz	Pass	AV	4.90328G	34.68	54.00	-19.32	3	Vertical	236	1.01
2437MHz	Pass	PK	4.88768G	47.32	74.00	-26.68	3	Vertical	236	1.01
2437MHz	Pass	AV	4.90328G	34.68	54.00	-19.32	3	Horizontal	141	1.50
2437MHz	Pass	PK	4.89932G	46.69	74.00	-27.31	3	Horizontal	141	1.50
2452MHz	Pass	AV	2.39G	46.01	54.00	-7.99	3	Vertical	243	2.96
2452MHz	Pass	AV	2.458G	100.79	Inf	-Inf	3	Vertical	243	2.96
2452MHz	Pass	AV	2.486G	51.53	54.00	-2.47	3	Vertical	243	2.96
2452MHz	Pass	PK	2.3644G	59.32	74.00	-14.68	3	Vertical	243	2.96
2452MHz	Pass	PK	2.458G	114.78	Inf	-Inf	3	Vertical	243	2.96
2452MHz	Pass	PK	2.484G	71.21	74.00	-2.79	3	Vertical	243	2.96
2452MHz	Pass	AV	2.3876G	45.78	54.00	-8.22	3	Horizontal	183	2.76
2452MHz	Pass	AV	2.4532G	88.83	Inf	-Inf	3	Horizontal	183	2.76
2452MHz	Pass	AV	2.4844G	47.29	54.00	-6.71	3	Horizontal	183	2.76
2452MHz	Pass	PK	2.362G	59.37	74.00	-14.63	3	Horizontal	183	2.76
2452MHz	Pass	PK	2.4536G	102.58	Inf	-Inf	3	Horizontal	183	2.76
2452MHz	Pass	PK	2.4835G	60.47	74.00	-13.53	3	Horizontal	183	2.76
2452MHz	Pass	AV	4.90904G	34.84	54.00	-19.16	3	Vertical	215	2.95
2452MHz	Pass	PK	4.93136G	46.89	74.00	-27.11	3	Vertical	215	2.95
2452MHz	Pass	AV	4.91108G	35.08	54.00	-18.92	3	Horizontal	76	1.50
2452MHz	Pass	PK	4.9046G	48.10	74.00	-25.90	3	Horizontal	76	1.50

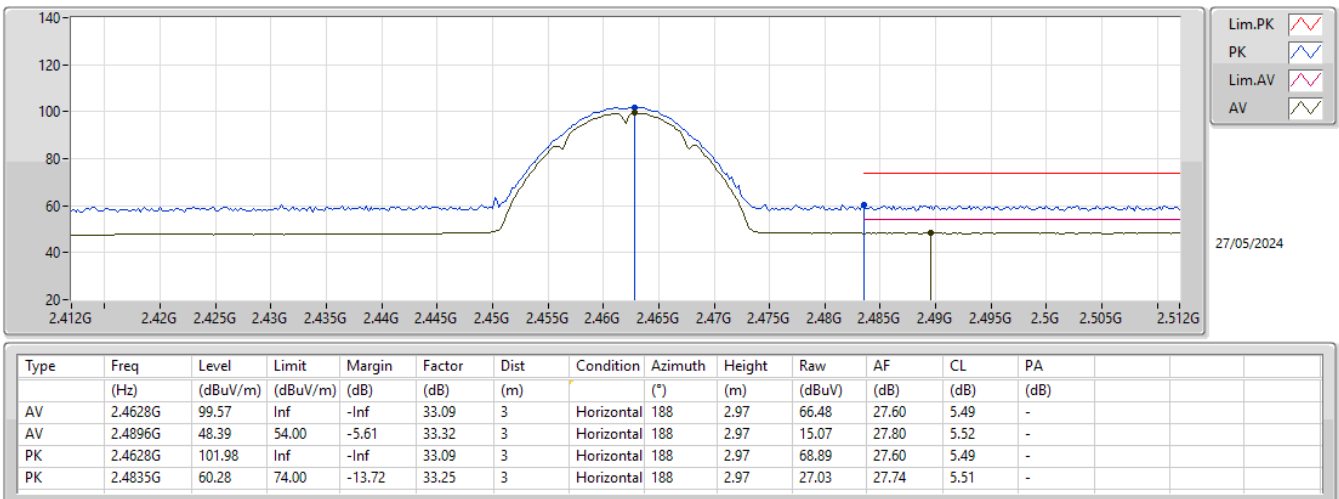
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2462MHz_TX



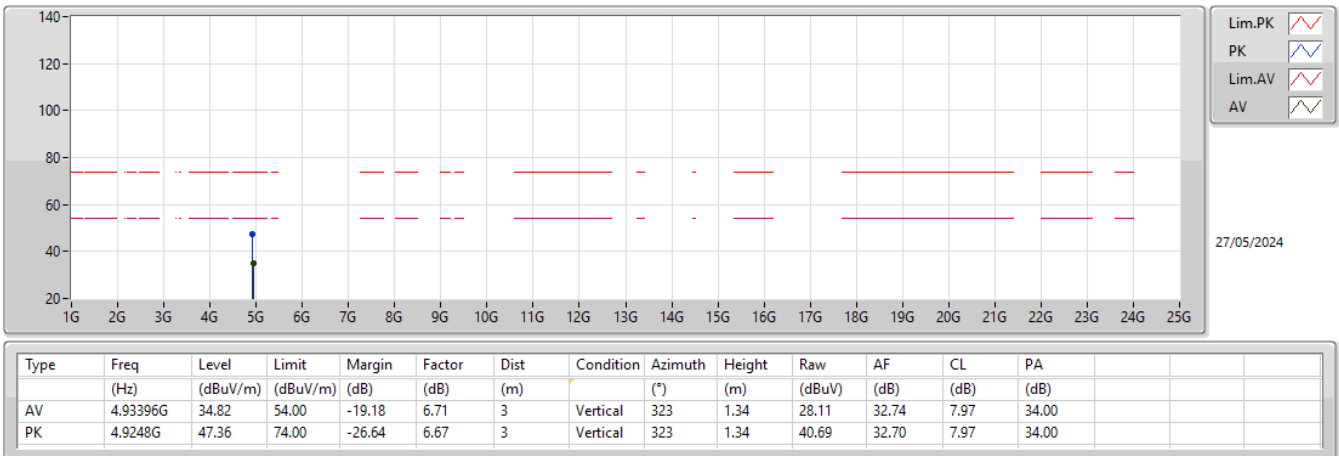
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2462MHz_TX



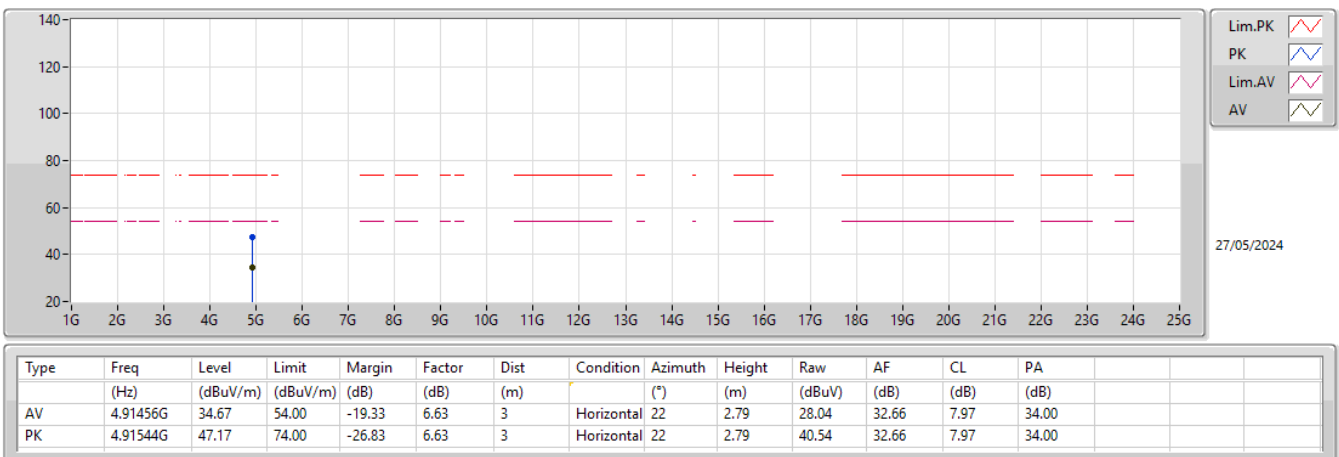
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2462MHz_TX



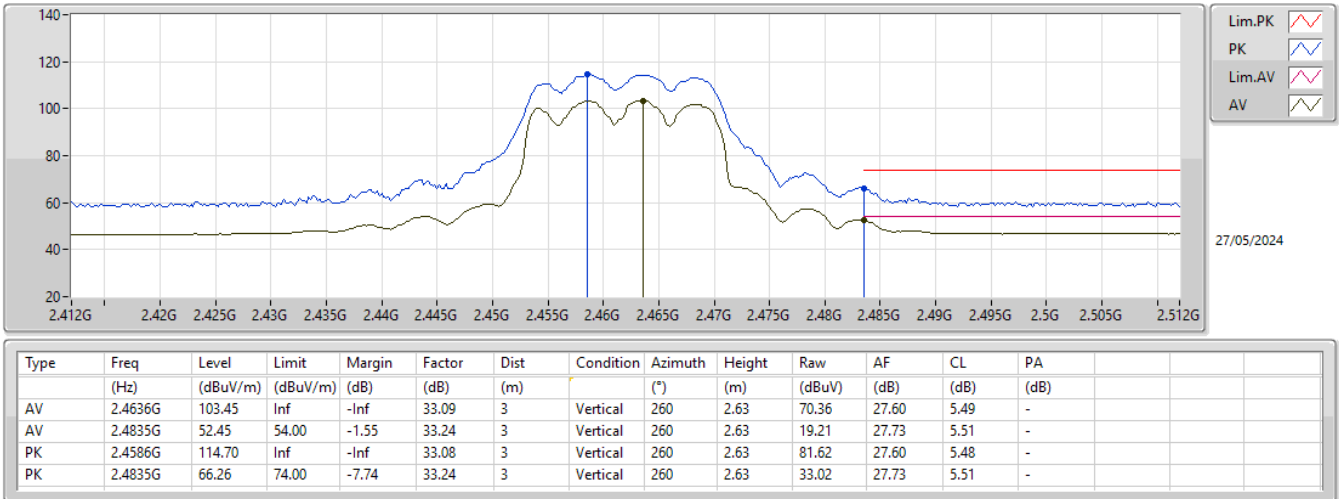
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2462MHz_TX



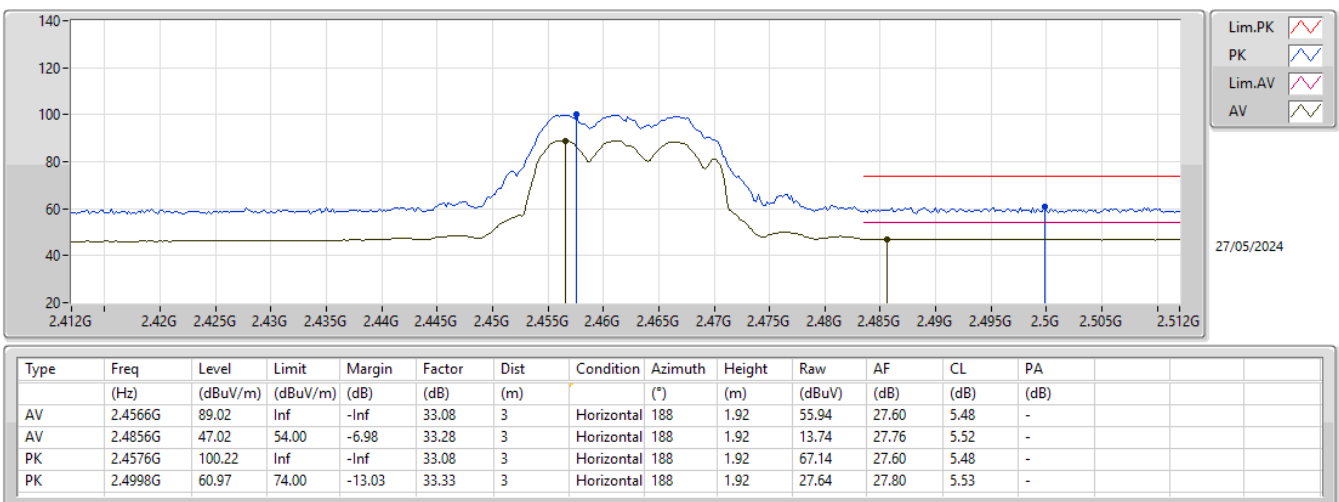
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2462MHz_TX



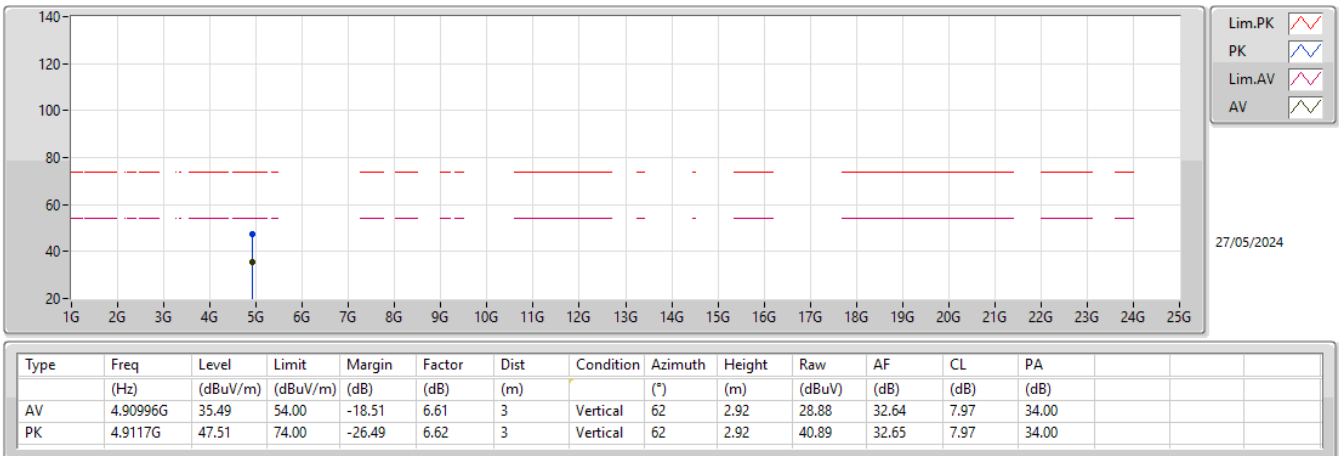
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2462MHz_TX



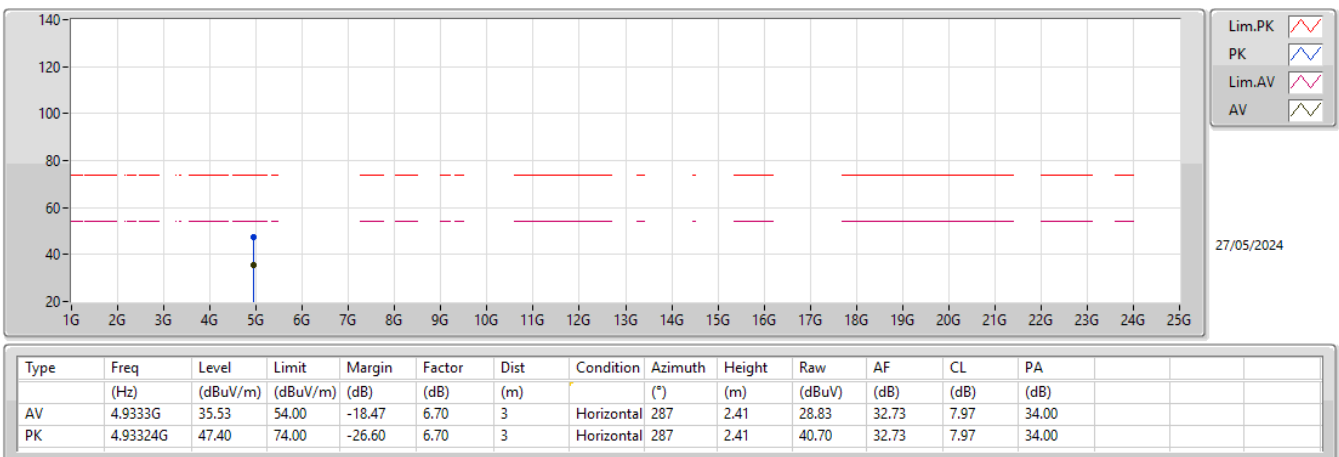
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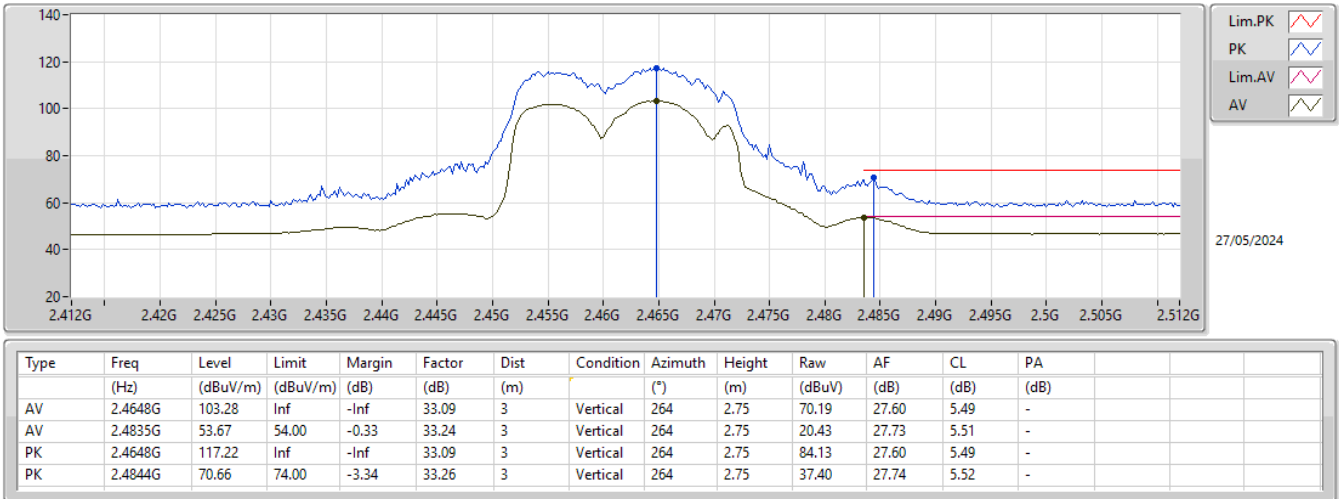
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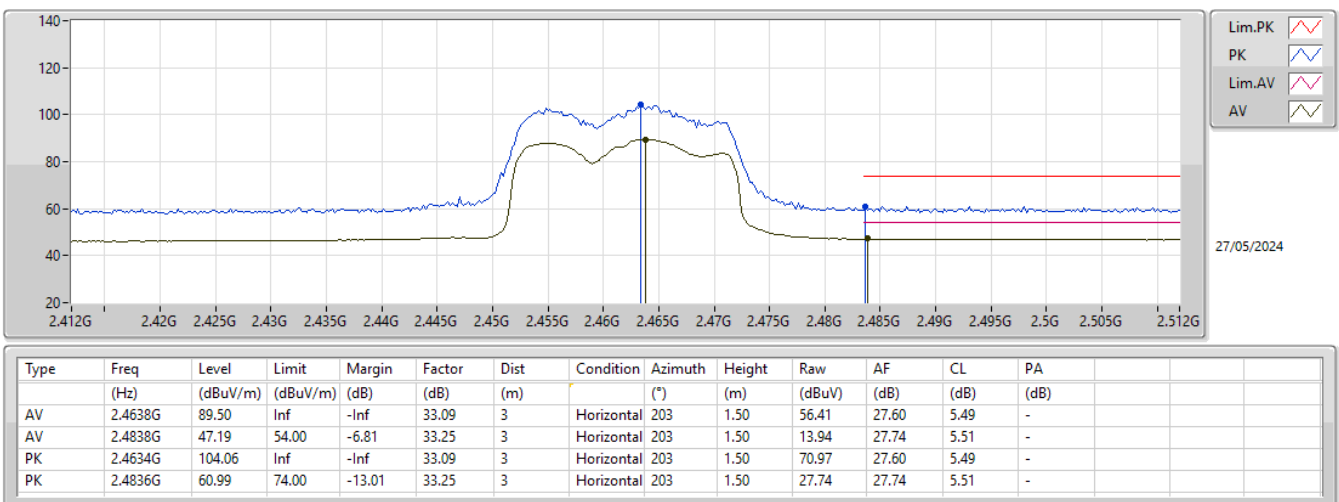
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2462MHz_TX



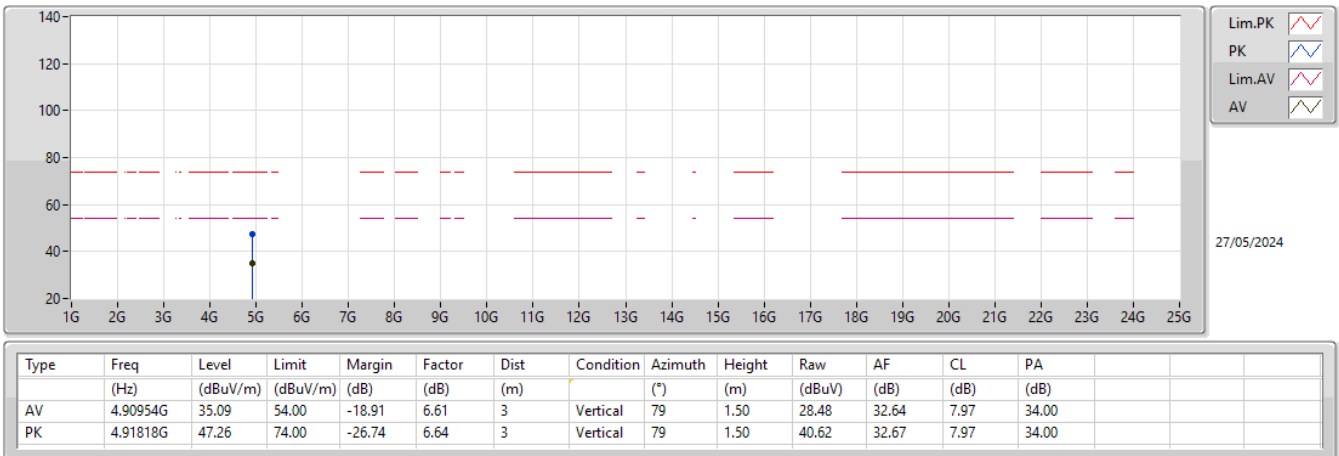
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2462MHz_TX



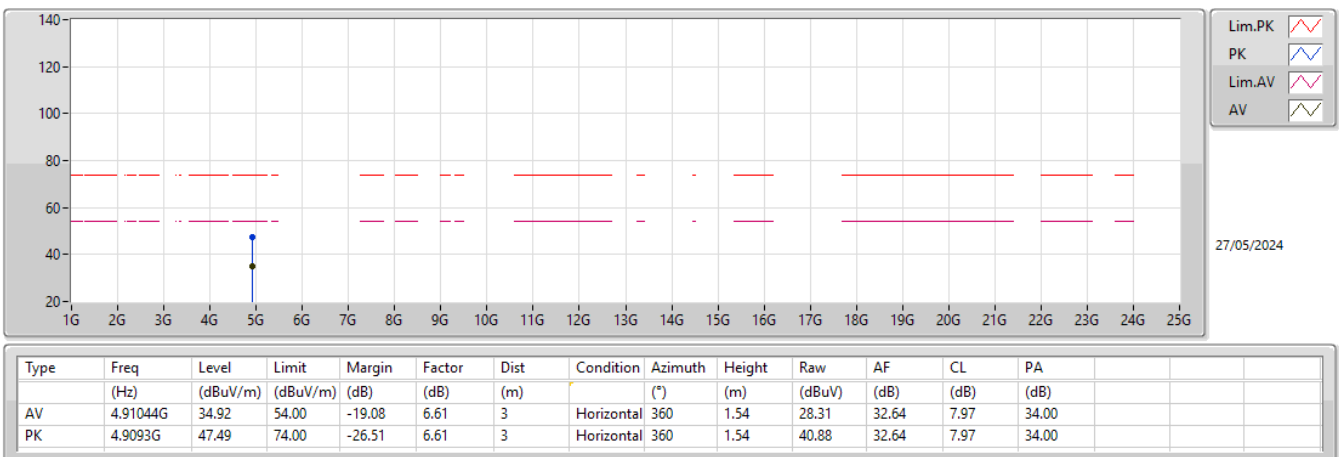
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2462MHz_TX



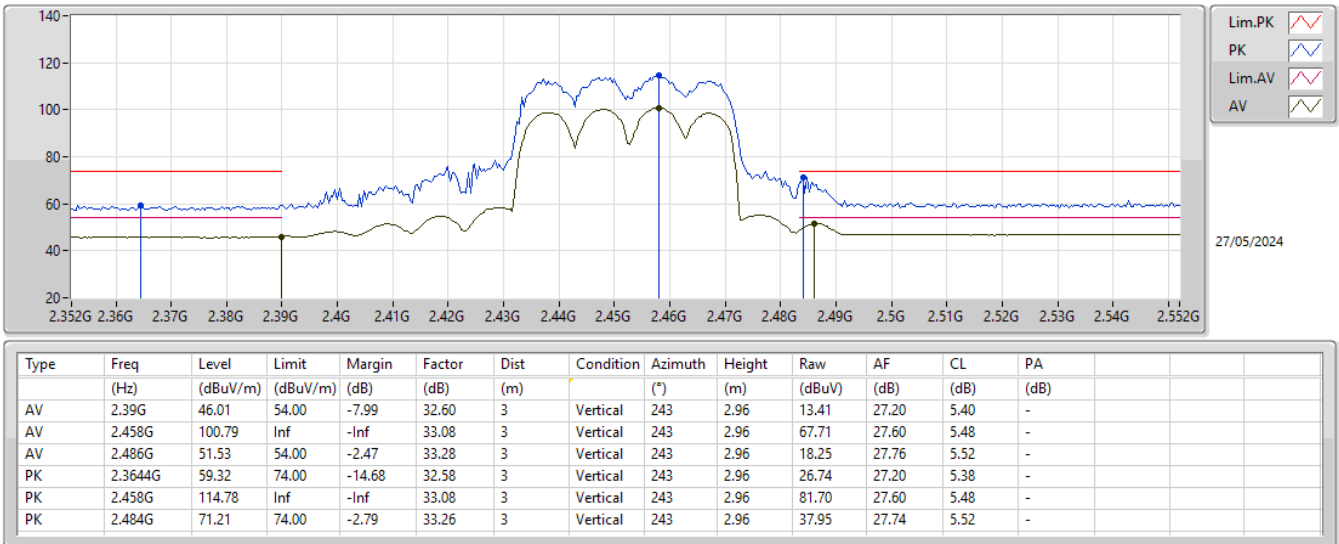
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2462MHz_TX



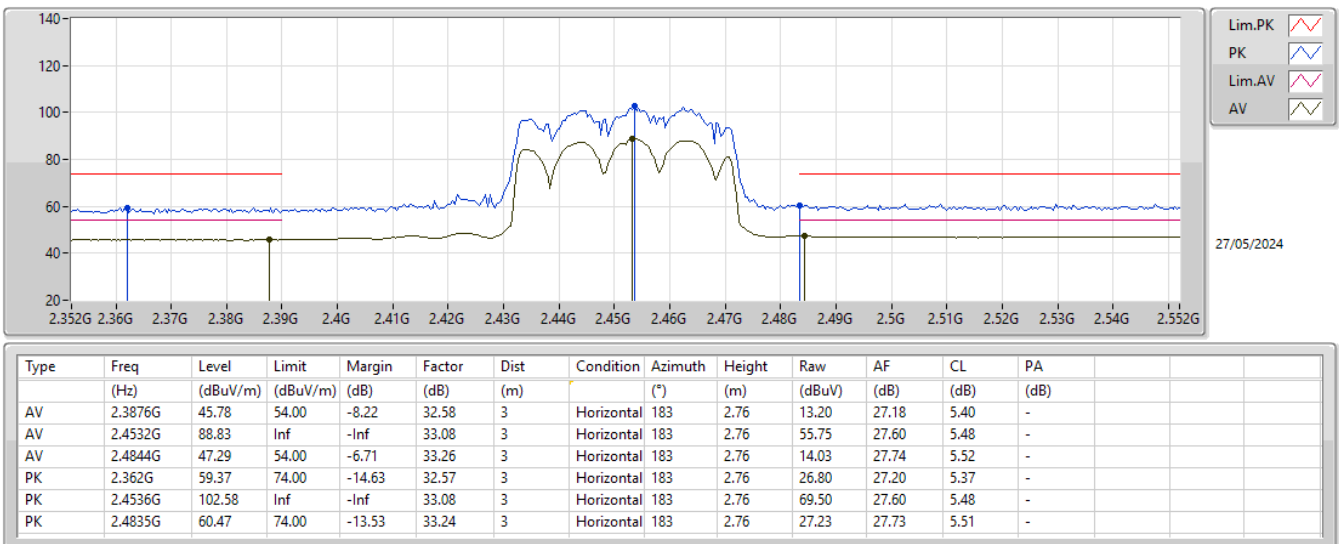
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2452MHz_TX



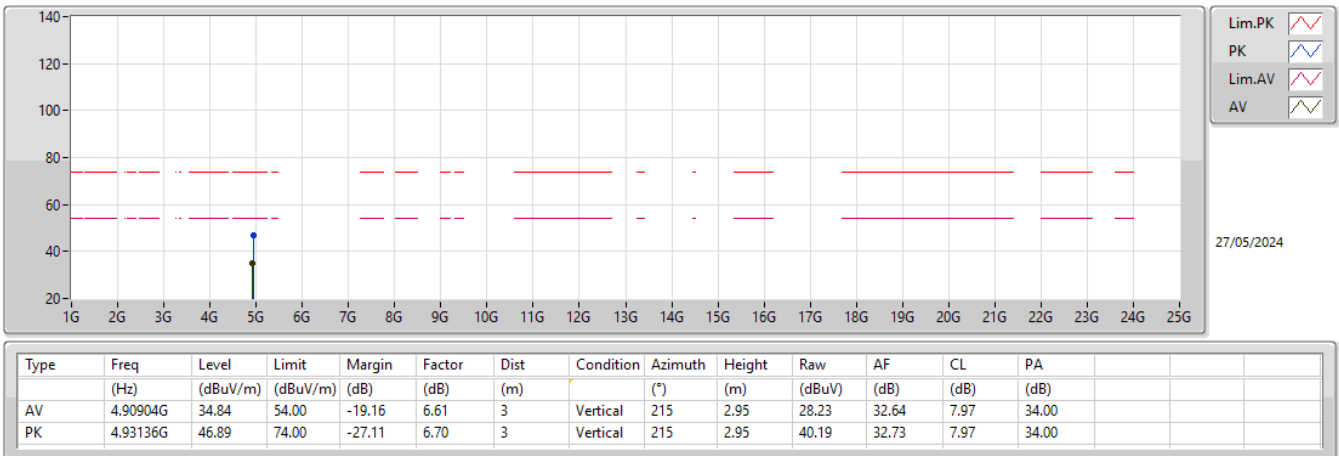
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2452MHz_TX



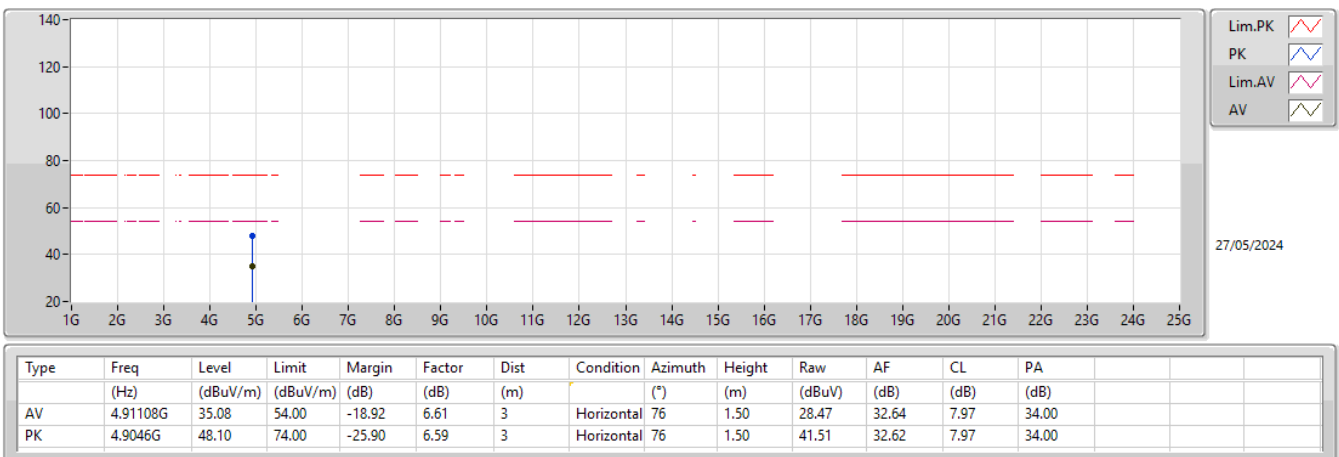
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2452MHz_TX



2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

2452MHz_TX





Summary

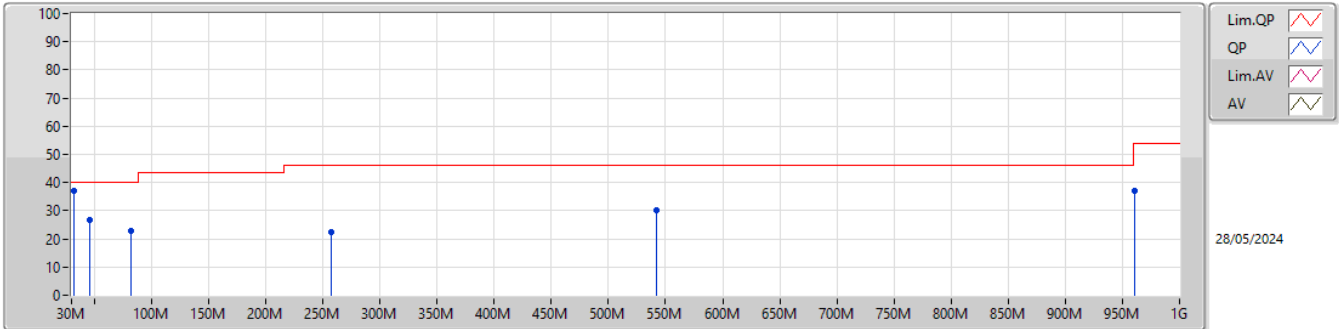
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	QP	32.24M	36.97	40.00	-3.03	3	Vertical	274	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	30M	27.12	40.00	-12.88	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	136.7M	24.44	43.50	-19.06	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	204.6M	27.38	43.50	-16.12	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	491.72M	29.67	46.00	-16.33	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	536.34M	30.38	46.00	-15.62	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	961.2M	34.61	54.00	-19.39	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	150.28M	32.98	43.50	-10.52	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	204.6M	29.14	43.50	-14.36	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	270.56M	25.43	46.00	-20.57	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	577.08M	30.94	46.00	-15.06	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	769.14M	33.56	46.00	-12.44	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	961.2M	37.50	54.00	-16.50	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	45.52M	26.60	40.00	-13.40	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	82.38M	22.89	40.00	-17.11	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	256.98M	22.24	46.00	-23.76	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	542.16M	30.31	46.00	-15.69	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	961.2M	37.13	54.00	-16.87	3	Vertical	360	1.00
2437MHz_PoE	Pass	QP	32.24M	36.97	40.00	-3.03	3	Vertical	274	1.00
2437MHz_PoE	Pass	PK	31.94M	28.76	40.00	-11.24	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	127M	21.71	43.50	-21.79	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	249.22M	24.32	46.00	-21.68	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	431.58M	28.18	46.00	-17.82	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	664.38M	35.20	46.00	-10.80	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	961.2M	38.87	54.00	-15.13	3	Horizontal	0	1.00

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

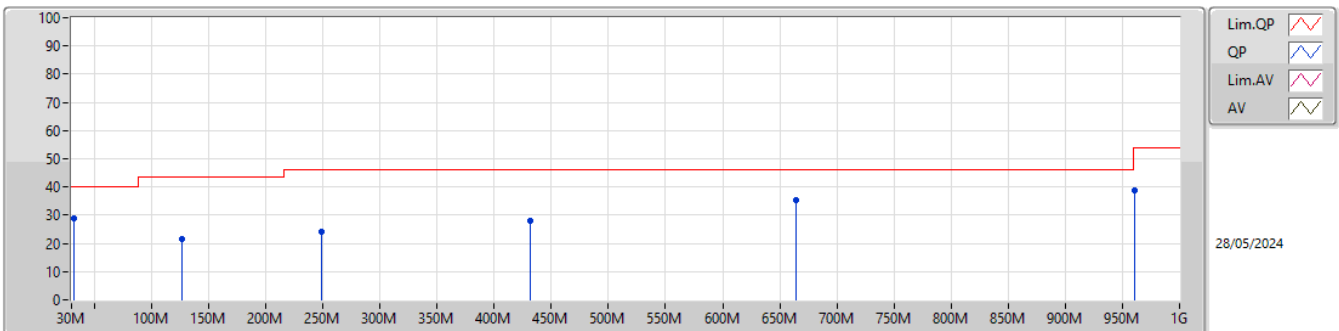
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	45.52M	26.60	40.00	-13.40	-11.20	3	Vertical	360	1.00	37.80	15.26	1.10	27.56
PK	82.38M	22.89	40.00	-17.11	-13.52	3	Vertical	360	1.00	36.41	12.50	1.46	27.48
PK	256.98M	22.24	46.00	-23.76	-6.02	3	Vertical	360	1.00	28.26	18.35	2.67	27.04
PK	542.16M	30.31	46.00	-15.69	0.46	3	Vertical	360	1.00	29.85	24.70	3.97	28.21
PK	961.2M	37.13	54.00	-16.87	4.46	3	Vertical	360	1.00	32.67	26.39	5.58	27.51
QP	32.24M	36.97	40.00	-3.03	-4.20	3	Vertical	274	1.00	41.17	22.42	0.96	27.58

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

2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	28.76	40.00	-11.24	-4.03	3	Horizontal	0	1.00	32.79	22.60	0.95	27.58
PK	127M	21.71	43.50	-21.79	-8.04	3	Horizontal	0	1.00	29.75	17.43	1.87	27.34
PK	249.22M	24.32	46.00	-21.68	-6.91	3	Horizontal	0	1.00	31.23	17.51	2.63	27.05
PK	431.58M	28.18	46.00	-17.82	-2.10	3	Horizontal	0	1.00	30.28	22.02	3.53	27.65
PK	664.38M	35.20	46.00	-10.80	0.60	3	Horizontal	0	1.00	34.60	24.29	4.49	28.18
PK	961.2M	38.87	54.00	-15.13	4.46	3	Horizontal	0	1.00	34.41	26.39	5.58	27.51

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.4888G	53.16	54.00	-0.84	3	Horizontal	224	1.79
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4835G	53.86	54.00	-0.14	3	Horizontal	222	1.49
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.42	54.00	-0.58	3	Horizontal	224	1.80
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.86	54.00	-0.14	3	Horizontal	322	1.44

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.18	54.00	-6.82	3	Vertical	271	1.92
2412MHz	Pass	AV	2.4138G	102.60	Inf	-Inf	3	Vertical	271	1.92
2412MHz	Pass	PK	2.389G	59.16	74.00	-14.84	3	Vertical	271	1.92
2412MHz	Pass	PK	2.4134G	104.94	Inf	-Inf	3	Vertical	271	1.92
2412MHz	Pass	AV	2.3632G	47.41	54.00	-6.59	3	Horizontal	321	1.97
2412MHz	Pass	AV	2.4132G	112.03	Inf	-Inf	3	Horizontal	321	1.97
2412MHz	Pass	PK	2.3752G	59.56	74.00	-14.44	3	Horizontal	321	1.97
2412MHz	Pass	PK	2.413G	114.46	Inf	-Inf	3	Horizontal	321	1.97
2412MHz	Pass	AV	4.82396G	50.79	54.00	-3.21	3	Vertical	39	1.35
2412MHz	Pass	PK	4.82392G	54.10	74.00	-19.90	3	Vertical	39	1.35
2412MHz	Pass	AV	4.824G	52.55	54.00	-1.45	3	Horizontal	347	1.76
2412MHz	Pass	PK	4.82396G	55.48	74.00	-18.52	3	Horizontal	347	1.76
2437MHz	Pass	AV	2.3898G	47.18	54.00	-6.82	3	Vertical	133	2.73
2437MHz	Pass	AV	2.4362G	105.82	Inf	-Inf	3	Vertical	133	2.73
2437MHz	Pass	AV	2.4898G	48.83	54.00	-5.17	3	Vertical	133	2.73
2437MHz	Pass	PK	2.3822G	59.65	74.00	-14.35	3	Vertical	133	2.73
2437MHz	Pass	PK	2.4362G	108.26	Inf	-Inf	3	Vertical	133	2.73
2437MHz	Pass	PK	2.4922G	60.23	74.00	-13.77	3	Vertical	133	2.73
2437MHz	Pass	AV	2.3594G	47.39	54.00	-6.61	3	Horizontal	322	1.56
2437MHz	Pass	AV	2.4378G	113.59	Inf	-Inf	3	Horizontal	322	1.56
2437MHz	Pass	AV	2.4842G	52.48	54.00	-1.52	3	Horizontal	322	1.56
2437MHz	Pass	PK	2.3714G	59.13	74.00	-14.87	3	Horizontal	322	1.56
2437MHz	Pass	PK	2.4382G	115.86	Inf	-Inf	3	Horizontal	322	1.56
2437MHz	Pass	PK	2.4842G	62.15	74.00	-11.85	3	Horizontal	322	1.56
2437MHz	Pass	AV	4.87394G	35.74	54.00	-18.26	3	Vertical	34	1.50
2437MHz	Pass	AV	7.30242G	39.53	54.00	-14.47	3	Vertical	282	1.50
2437MHz	Pass	PK	4.87682G	47.39	74.00	-26.61	3	Vertical	34	1.50
2437MHz	Pass	PK	7.29666G	51.95	74.00	-22.05	3	Vertical	282	1.50
2437MHz	Pass	AV	4.87394G	37.93	54.00	-16.07	3	Horizontal	7	1.48
2437MHz	Pass	AV	7.32552G	39.58	54.00	-14.42	3	Horizontal	159	1.50
2437MHz	Pass	PK	4.86698G	47.94	74.00	-26.06	3	Horizontal	7	1.48
2437MHz	Pass	PK	7.3254G	52.21	74.00	-21.79	3	Horizontal	159	1.50
2462MHz	Pass	AV	2.4602G	103.07	Inf	-Inf	3	Vertical	271	2.55
2462MHz	Pass	AV	2.489G	48.82	54.00	-5.18	3	Vertical	271	2.55
2462MHz	Pass	PK	2.46G	105.29	Inf	-Inf	3	Vertical	271	2.55
2462MHz	Pass	PK	2.486G	60.61	74.00	-13.39	3	Vertical	271	2.55
2462MHz	Pass	AV	2.4628G	111.16	Inf	-Inf	3	Horizontal	224	1.79
2462MHz	Pass	AV	2.4888G	53.16	54.00	-0.84	3	Horizontal	224	1.79
2462MHz	Pass	PK	2.463G	113.55	Inf	-Inf	3	Horizontal	224	1.79
2462MHz	Pass	PK	2.4888G	63.07	74.00	-10.93	3	Horizontal	224	1.79
2462MHz	Pass	AV	4.924G	37.26	54.00	-16.74	3	Vertical	288	1.30
2462MHz	Pass	AV	7.38486G	39.20	54.00	-14.80	3	Vertical	264	1.65
2462MHz	Pass	PK	4.924G	47.93	74.00	-26.07	3	Vertical	288	1.30
2462MHz	Pass	PK	7.37226G	51.79	74.00	-22.21	3	Vertical	264	1.65
2462MHz	Pass	AV	4.92394G	40.51	54.00	-13.49	3	Horizontal	48	1.00
2462MHz	Pass	AV	7.3875G	39.18	54.00	-14.82	3	Horizontal	310	2.06
2462MHz	Pass	PK	4.924G	49.59	74.00	-24.41	3	Horizontal	48	1.00
2462MHz	Pass	PK	7.3812G	52.23	74.00	-21.77	3	Horizontal	310	2.06
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3638G	47.40	54.00	-6.60	3	Vertical	62	3.00
2412MHz	Pass	AV	2.4052G	100.00	Inf	-Inf	3	Vertical	62	3.00
2412MHz	Pass	PK	2.3808G	59.64	74.00	-14.36	3	Vertical	62	3.00
2412MHz	Pass	PK	2.405G	108.80	Inf	-Inf	3	Vertical	62	3.00
2412MHz	Pass	AV	2.39G	47.44	54.00	-6.56	3	Horizontal	321	1.76
2412MHz	Pass	AV	2.4148G	107.87	Inf	-Inf	3	Horizontal	321	1.76
2412MHz	Pass	PK	2.375G	59.93	74.00	-14.07	3	Horizontal	321	1.76
2412MHz	Pass	PK	2.415G	116.45	Inf	-Inf	3	Horizontal	321	1.76
2412MHz	Pass	AV	4.8219G	39.44	54.00	-14.56	3	Vertical	33	1.41
2412MHz	Pass	PK	4.82022G	51.97	74.00	-22.03	3	Vertical	33	1.41
2412MHz	Pass	AV	4.81746G	40.25	54.00	-13.75	3	Horizontal	0	1.50



RSE TX above 1GHz Non-Beamforming Radio 1

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	4.81638G	53.73	74.00	-20.27	3	Horizontal	0	1.50
2437MHz	Pass	AV	2.3862G	47.38	54.00	-6.62	3	Vertical	303	2.65
2437MHz	Pass	AV	2.4434G	101.54	Inf	-Inf	3	Vertical	303	2.65
2437MHz	Pass	AV	2.4898G	48.83	54.00	-5.17	3	Vertical	303	2.65
2437MHz	Pass	PK	2.337G	59.53	74.00	-14.47	3	Vertical	303	2.65
2437MHz	Pass	PK	2.443G	110.89	Inf	-Inf	3	Vertical	303	2.65
2437MHz	Pass	PK	2.4994G	60.67	74.00	-13.33	3	Vertical	303	2.65
2437MHz	Pass	AV	2.3898G	47.44	54.00	-6.56	3	Horizontal	323	1.35
2437MHz	Pass	AV	2.4398G	108.39	Inf	-Inf	3	Horizontal	323	1.35
2437MHz	Pass	AV	2.4842G	50.42	54.00	-3.58	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.3418G	59.93	74.00	-14.07	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.4394G	117.05	Inf	-Inf	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.489G	61.73	74.00	-12.27	3	Horizontal	323	1.35
2437MHz	Pass	AV	4.87754G	34.41	54.00	-19.59	3	Vertical	279	3.00
2437MHz	Pass	AV	7.30416G	39.38	54.00	-14.62	3	Vertical	111	1.28
2437MHz	Pass	PK	4.87868G	47.61	74.00	-26.39	3	Vertical	279	3.00
2437MHz	Pass	PK	7.31478G	52.29	74.00	-21.71	3	Vertical	111	1.28
2437MHz	Pass	AV	4.8635G	34.14	54.00	-19.86	3	Horizontal	0	1.50
2437MHz	Pass	AV	7.29996G	39.32	54.00	-14.68	3	Horizontal	274	1.75
2437MHz	Pass	PK	4.8788G	47.51	74.00	-26.49	3	Horizontal	0	1.50
2437MHz	Pass	PK	7.30806G	51.34	74.00	-22.66	3	Horizontal	274	1.75
2457MHz	Pass	AV	2.4504G	99.47	Inf	-Inf	3	Vertical	123	2.65
2457MHz	Pass	AV	2.4908G	48.82	54.00	-5.18	3	Vertical	123	2.65
2457MHz	Pass	PK	2.4506G	108.01	Inf	-Inf	3	Vertical	123	2.65
2457MHz	Pass	PK	2.49G	61.14	74.00	-12.86	3	Vertical	123	2.65
2457MHz	Pass	AV	2.4598G	107.10	Inf	-Inf	3	Horizontal	222	1.80
2457MHz	Pass	AV	2.4835G	51.59	54.00	-2.41	3	Horizontal	222	1.80
2457MHz	Pass	PK	2.4602G	115.71	Inf	-Inf	3	Horizontal	222	1.80
2457MHz	Pass	PK	2.4842G	63.70	74.00	-10.30	3	Horizontal	222	1.80
2462MHz	Pass	AV	2.4554G	97.30	Inf	-Inf	3	Vertical	123	2.61
2462MHz	Pass	AV	2.4835G	49.03	54.00	-4.97	3	Vertical	123	2.61
2462MHz	Pass	PK	2.456G	105.95	Inf	-Inf	3	Vertical	123	2.61
2462MHz	Pass	PK	2.4836G	60.59	74.00	-13.41	3	Vertical	123	2.61
2462MHz	Pass	AV	2.4646G	104.74	Inf	-Inf	3	Horizontal	222	1.49
2462MHz	Pass	AV	2.4835G	53.86	54.00	-0.14	3	Horizontal	222	1.49
2462MHz	Pass	PK	2.4646G	113.40	Inf	-Inf	3	Horizontal	222	1.49
2462MHz	Pass	PK	2.4844G	66.22	74.00	-7.78	3	Horizontal	222	1.49
2462MHz	Pass	AV	4.91128G	34.76	54.00	-19.24	3	Vertical	235	1.81
2462MHz	Pass	PK	4.91182G	47.05	74.00	-26.95	3	Vertical	235	1.81
2462MHz	Pass	AV	4.91014G	34.84	54.00	-19.16	3	Horizontal	101	1.58
2462MHz	Pass	PK	4.9324G	47.99	74.00	-26.01	3	Horizontal	101	1.58
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.44	54.00	-6.56	3	Vertical	78	3.00
2412MHz	Pass	AV	2.4182G	99.71	Inf	-Inf	3	Vertical	78	3.00
2412MHz	Pass	PK	2.3782G	59.59	74.00	-14.41	3	Vertical	78	3.00
2412MHz	Pass	PK	2.418G	111.71	Inf	-Inf	3	Vertical	78	3.00
2412MHz	Pass	AV	2.39G	47.95	54.00	-6.05	3	Horizontal	321	1.75
2412MHz	Pass	AV	2.4148G	107.17	Inf	-Inf	3	Horizontal	321	1.75
2412MHz	Pass	PK	2.369G	59.54	74.00	-14.46	3	Horizontal	321	1.75
2412MHz	Pass	PK	2.4148G	118.68	Inf	-Inf	3	Horizontal	321	1.75
2412MHz	Pass	AV	4.81812G	40.16	54.00	-13.84	3	Vertical	44	1.04
2412MHz	Pass	PK	4.81596G	54.65	74.00	-19.35	3	Vertical	44	1.04
2412MHz	Pass	AV	4.81632G	40.13	54.00	-13.87	3	Horizontal	0	1.50
2412MHz	Pass	PK	4.8159G	55.07	74.00	-18.93	3	Horizontal	0	1.50
2437MHz	Pass	AV	2.3898G	47.18	54.00	-6.82	3	Vertical	259	3.00
2437MHz	Pass	AV	2.4286G	101.29	Inf	-Inf	3	Vertical	259	3.00
2437MHz	Pass	AV	2.4886G	48.82	54.00	-5.18	3	Vertical	259	3.00
2437MHz	Pass	PK	2.3478G	59.40	74.00	-14.60	3	Vertical	259	3.00
2437MHz	Pass	PK	2.4298G	112.85	Inf	-Inf	3	Vertical	259	3.00
2437MHz	Pass	PK	2.4886G	60.63	74.00	-13.37	3	Vertical	259	3.00
2437MHz	Pass	AV	2.3894G	47.43	54.00	-6.57	3	Horizontal	323	1.35
2437MHz	Pass	AV	2.4398G	107.80	Inf	-Inf	3	Horizontal	323	1.35



RSE TX above 1GHz Non-Beamforming Radio 1

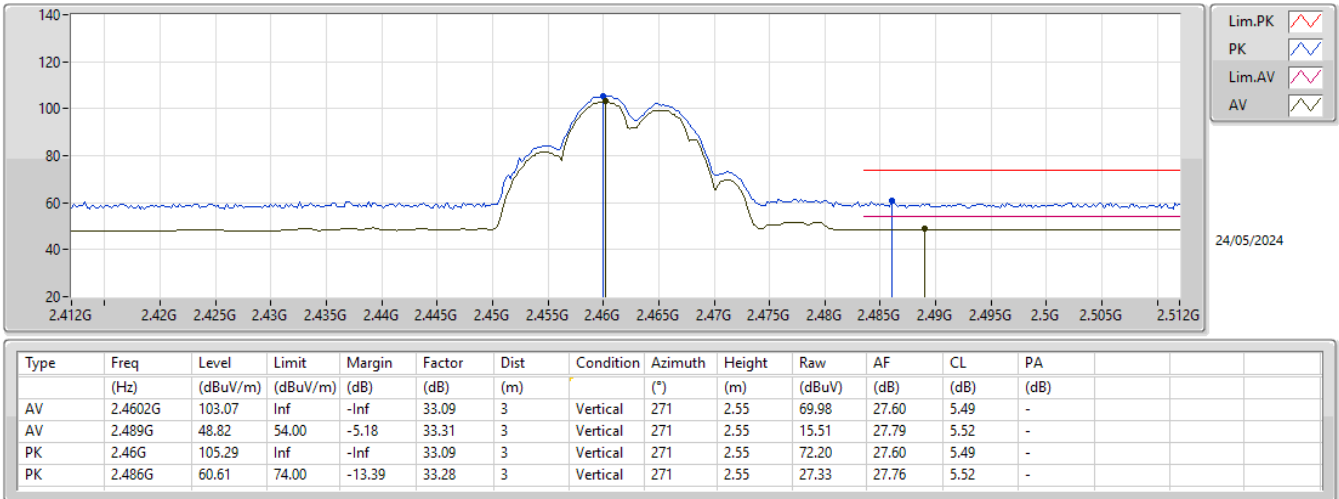
Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4842G	50.83	54.00	-3.17	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.3478G	59.91	74.00	-14.09	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.4398G	119.87	Inf	-Inf	3	Horizontal	323	1.35
2437MHz	Pass	PK	2.4838G	62.62	74.00	-11.38	3	Horizontal	323	1.35
2437MHz	Pass	AV	4.86152G	34.53	54.00	-19.47	3	Vertical	307	1.50
2437MHz	Pass	PK	4.8722G	47.47	74.00	-26.53	3	Vertical	307	1.50
2437MHz	Pass	AV	4.8635G	34.63	54.00	-19.37	3	Horizontal	0	1.50
2437MHz	Pass	PK	4.86404G	47.40	74.00	-26.60	3	Horizontal	0	1.50
2457MHz	Pass	AV	2.4502G	98.96	Inf	-Inf	3	Vertical	122	2.67
2457MHz	Pass	AV	2.4846G	49.05	54.00	-4.95	3	Vertical	122	2.67
2457MHz	Pass	PK	2.4504G	110.67	Inf	-Inf	3	Vertical	122	2.67
2457MHz	Pass	PK	2.4836G	61.28	74.00	-12.72	3	Vertical	122	2.67
2457MHz	Pass	AV	2.4596G	106.20	Inf	-Inf	3	Horizontal	224	1.80
2457MHz	Pass	AV	2.4835G	53.42	54.00	-0.58	3	Horizontal	224	1.80
2457MHz	Pass	PK	2.4592G	118.32	Inf	-Inf	3	Horizontal	224	1.80
2457MHz	Pass	PK	2.4835G	66.84	74.00	-7.16	3	Horizontal	224	1.80
2462MHz	Pass	AV	2.4556G	94.02	Inf	-Inf	3	Vertical	124	2.61
2462MHz	Pass	AV	2.4835G	49.52	54.00	-4.48	3	Vertical	124	2.61
2462MHz	Pass	PK	2.4548G	105.19	Inf	-Inf	3	Vertical	124	2.61
2462MHz	Pass	PK	2.4848G	61.48	74.00	-12.52	3	Vertical	124	2.61
2462MHz	Pass	AV	2.4646G	101.87	Inf	-Inf	3	Horizontal	222	1.84
2462MHz	Pass	AV	2.4835G	53.42	54.00	-0.58	3	Horizontal	222	1.84
2462MHz	Pass	PK	2.464G	114.19	Inf	-Inf	3	Horizontal	222	1.84
2462MHz	Pass	PK	2.4835G	67.30	74.00	-6.70	3	Horizontal	222	1.84
2462MHz	Pass	AV	4.91056G	34.75	54.00	-19.25	3	Vertical	62	1.50
2462MHz	Pass	PK	4.91458G	47.80	74.00	-26.20	3	Vertical	62	1.50
2462MHz	Pass	AV	4.91128G	34.76	54.00	-19.24	3	Horizontal	352	1.50
2462MHz	Pass	PK	4.93444G	47.87	74.00	-26.13	3	Horizontal	352	1.50
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	47.70	54.00	-6.30	3	Vertical	76	2.74
2422MHz	Pass	AV	2.4156G	98.61	Inf	-Inf	3	Vertical	76	2.74
2422MHz	Pass	AV	2.4868G	48.81	54.00	-5.19	3	Vertical	76	2.74
2422MHz	Pass	PK	2.3844G	59.80	74.00	-14.20	3	Vertical	76	2.74
2422MHz	Pass	PK	2.4148G	109.74	Inf	-Inf	3	Vertical	76	2.74
2422MHz	Pass	PK	2.4968G	60.74	74.00	-13.26	3	Vertical	76	2.74
2422MHz	Pass	AV	2.3248G	47.51	54.00	-6.49	3	Horizontal	322	1.67
2422MHz	Pass	AV	2.4244G	104.41	Inf	-Inf	3	Horizontal	322	1.67
2422MHz	Pass	AV	2.4856G	50.00	54.00	-4.00	3	Horizontal	322	1.67
2422MHz	Pass	PK	2.3428G	59.70	74.00	-14.30	3	Horizontal	322	1.67
2422MHz	Pass	PK	2.4252G	115.39	Inf	-Inf	3	Horizontal	322	1.67
2422MHz	Pass	PK	2.4928G	61.96	74.00	-12.04	3	Horizontal	322	1.67
2422MHz	Pass	AV	4.81688G	37.07	54.00	-16.93	3	Vertical	48	2.81
2422MHz	Pass	PK	4.81568G	50.93	74.00	-23.07	3	Vertical	48	2.81
2422MHz	Pass	AV	4.8152G	37.89	54.00	-16.11	3	Horizontal	8	1.50
2422MHz	Pass	PK	4.81568G	51.35	74.00	-22.65	3	Horizontal	8	1.50
2437MHz	Pass	AV	2.3898G	47.70	54.00	-6.30	3	Vertical	78	3.00
2437MHz	Pass	AV	2.423G	96.32	Inf	-Inf	3	Vertical	78	3.00
2437MHz	Pass	AV	2.4835G	52.47	54.00	-1.53	3	Vertical	78	3.00
2437MHz	Pass	PK	2.3534G	60.53	74.00	-13.47	3	Vertical	78	3.00
2437MHz	Pass	PK	2.4238G	108.04	Inf	-Inf	3	Vertical	78	3.00
2437MHz	Pass	PK	2.4835G	67.74	74.00	-6.26	3	Vertical	78	3.00
2437MHz	Pass	AV	2.3894G	47.69	54.00	-6.31	3	Horizontal	322	1.44
2437MHz	Pass	AV	2.419G	104.81	Inf	-Inf	3	Horizontal	322	1.44
2437MHz	Pass	AV	2.4835G	53.86	54.00	-0.14	3	Horizontal	322	1.44
2437MHz	Pass	PK	2.3582G	59.58	74.00	-14.42	3	Horizontal	322	1.44
2437MHz	Pass	PK	2.4206G	115.67	Inf	-Inf	3	Horizontal	322	1.44
2437MHz	Pass	PK	2.4835G	67.69	74.00	-6.31	3	Horizontal	322	1.44
2437MHz	Pass	AV	4.90376G	34.52	54.00	-19.48	3	Vertical	72	2.30
2437MHz	Pass	PK	4.89788G	47.39	74.00	-26.61	3	Vertical	72	2.30
2437MHz	Pass	AV	4.90292G	34.59	54.00	-19.41	3	Horizontal	0	1.89
2437MHz	Pass	PK	4.86812G	47.09	74.00	-26.91	3	Horizontal	0	1.89
2447MHz	Pass	AV	2.3682G	47.40	54.00	-6.60	3	Vertical	244	2.90

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2447MHz	Pass	AV	2.4362G	88.66	Inf	-Inf	3	Vertical	244	2.90
2447MHz	Pass	AV	2.4922G	49.32	54.00	-4.68	3	Vertical	244	2.90
2447MHz	Pass	PK	2.3842G	59.86	74.00	-14.14	3	Vertical	244	2.90
2447MHz	Pass	PK	2.4378G	99.82	Inf	-Inf	3	Vertical	244	2.90
2447MHz	Pass	PK	2.4934G	61.56	74.00	-12.44	3	Vertical	244	2.90
2447MHz	Pass	AV	2.3674G	47.40	54.00	-6.60	3	Horizontal	322	1.35
2447MHz	Pass	AV	2.4286G	98.57	Inf	-Inf	3	Horizontal	322	1.35
2447MHz	Pass	AV	2.4874G	53.30	54.00	-0.70	3	Horizontal	322	1.35
2447MHz	Pass	PK	2.3486G	59.27	74.00	-14.73	3	Horizontal	322	1.35
2447MHz	Pass	PK	2.4294G	109.88	Inf	-Inf	3	Horizontal	322	1.35
2447MHz	Pass	PK	2.4882G	67.03	74.00	-6.97	3	Horizontal	322	1.35
2452MHz	Pass	AV	2.39G	47.18	54.00	-6.82	3	Vertical	257	3.00
2452MHz	Pass	AV	2.4464G	90.57	Inf	-Inf	3	Vertical	257	3.00
2452MHz	Pass	AV	2.484G	49.53	54.00	-4.47	3	Vertical	257	3.00
2452MHz	Pass	PK	2.3888G	59.56	74.00	-14.44	3	Vertical	257	3.00
2452MHz	Pass	PK	2.4472G	102.38	Inf	-Inf	3	Vertical	257	3.00
2452MHz	Pass	PK	2.4956G	61.07	74.00	-12.93	3	Vertical	257	3.00
2452MHz	Pass	AV	2.39G	47.18	54.00	-6.82	3	Horizontal	322	1.32
2452MHz	Pass	AV	2.4348G	99.07	Inf	-Inf	3	Horizontal	322	1.32
2452MHz	Pass	AV	2.4924G	53.16	54.00	-0.84	3	Horizontal	322	1.32
2452MHz	Pass	PK	2.3536G	59.82	74.00	-14.18	3	Horizontal	322	1.32
2452MHz	Pass	PK	2.4352G	111.57	Inf	-Inf	3	Horizontal	322	1.32
2452MHz	Pass	PK	2.4936G	66.71	74.00	-7.29	3	Horizontal	322	1.32
2452MHz	Pass	AV	4.90988G	34.75	54.00	-19.25	3	Vertical	97	1.95
2452MHz	Pass	PK	4.9064G	47.25	74.00	-26.75	3	Vertical	97	1.95
2452MHz	Pass	AV	4.90964G	34.67	54.00	-19.33	3	Horizontal	78	1.36
2452MHz	Pass	PK	4.90772G	46.94	74.00	-27.06	3	Horizontal	78	1.36

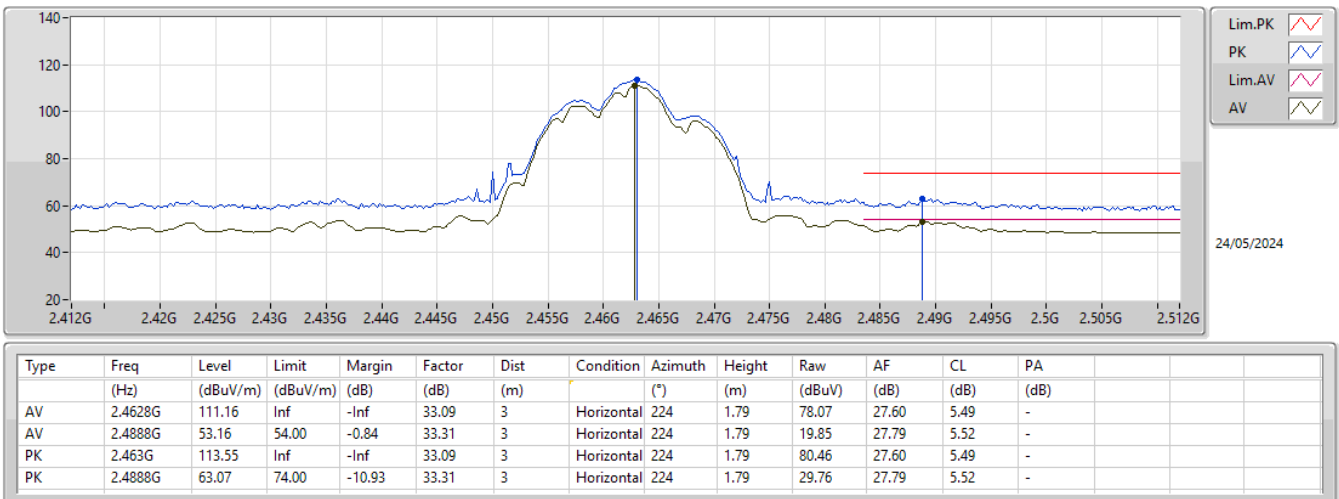
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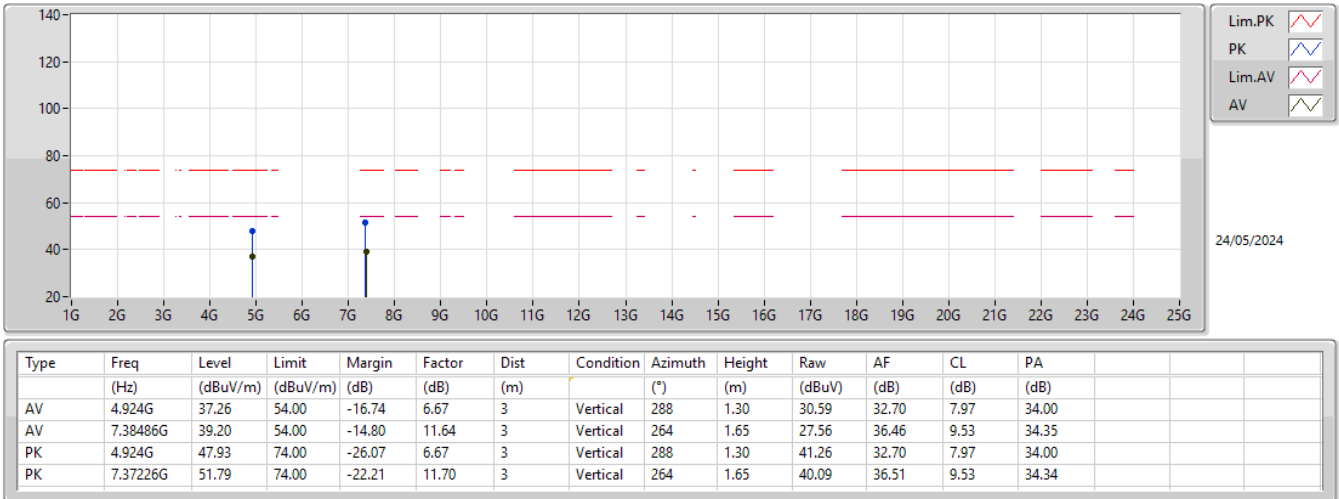
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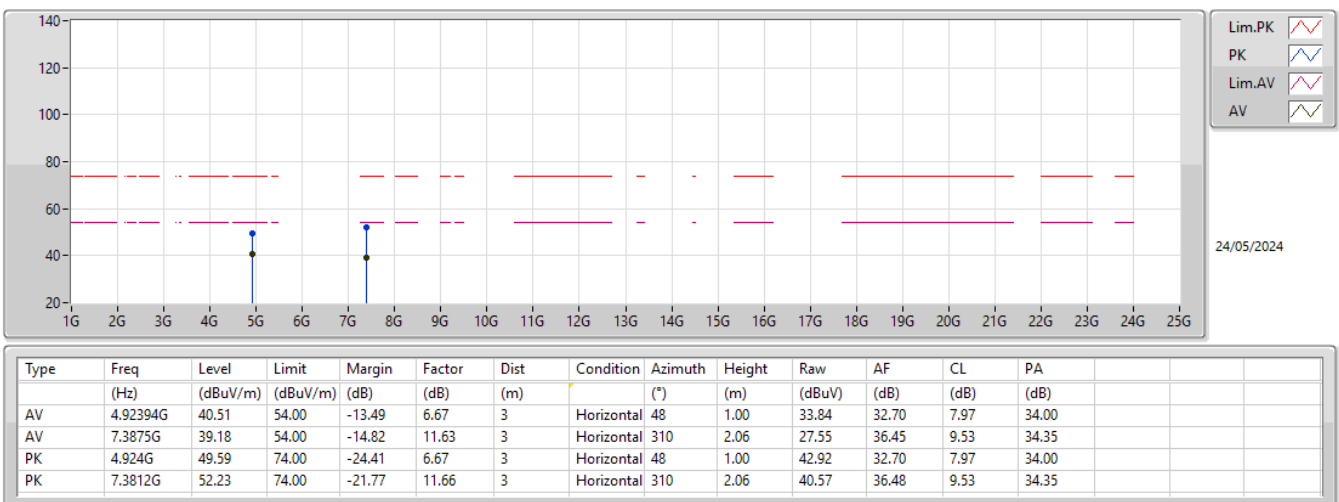
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2462MHz_TX



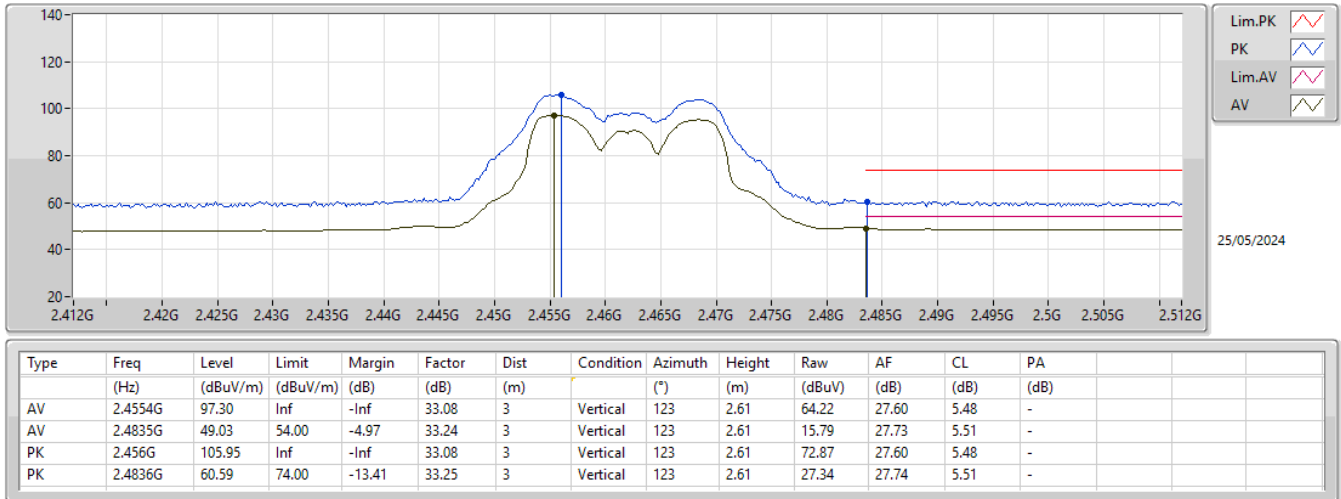
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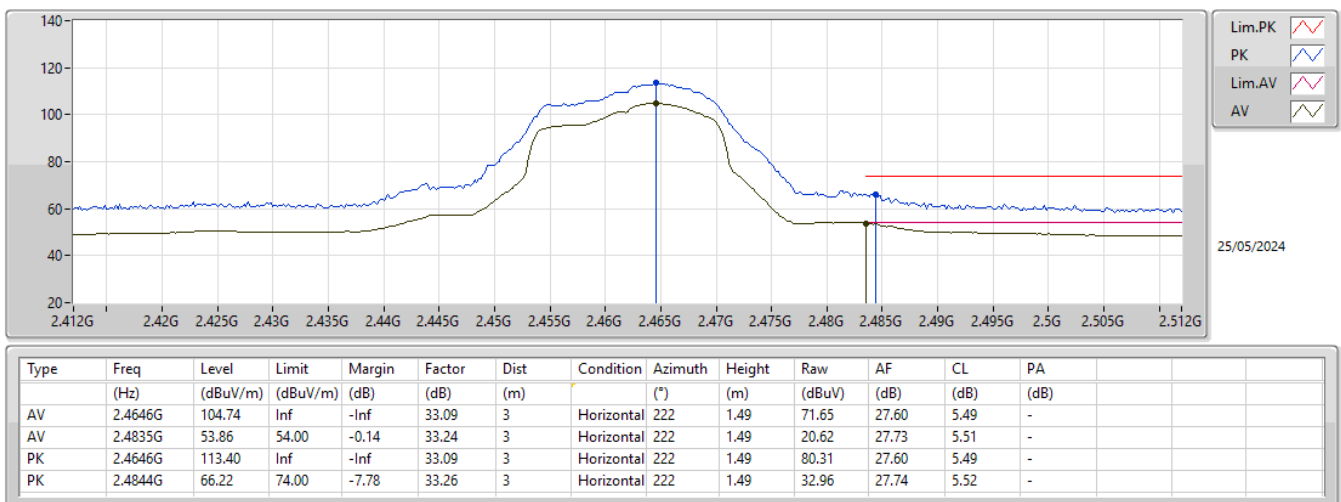
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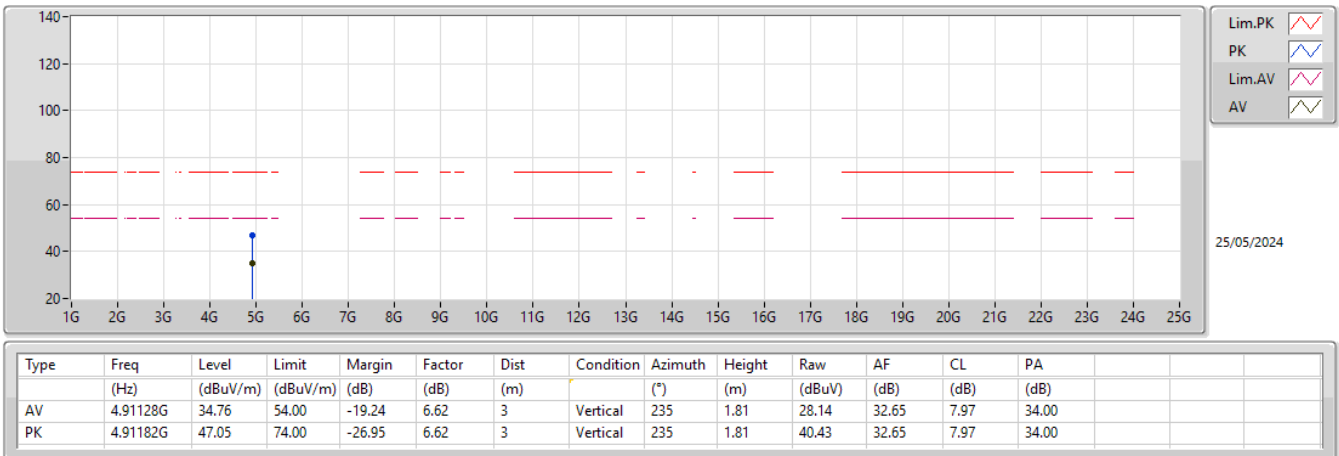
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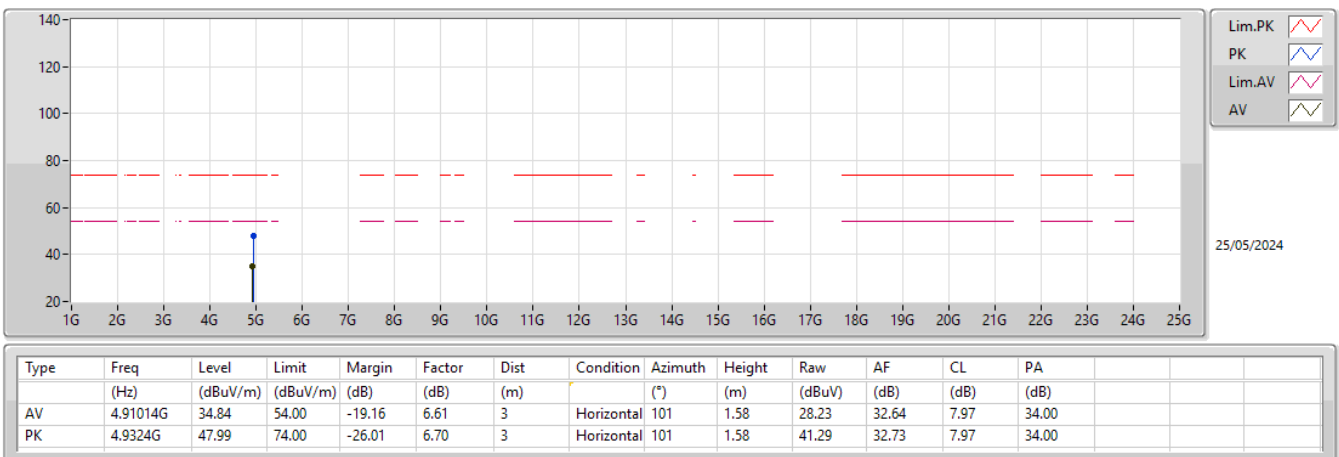
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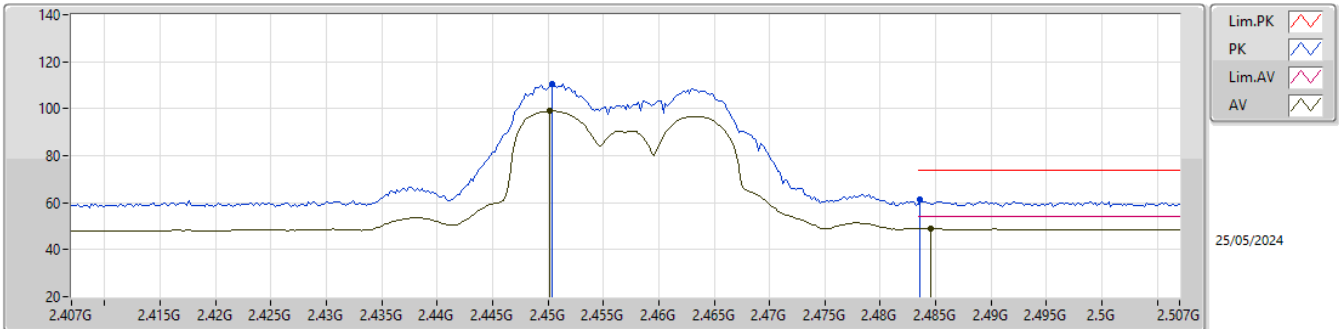
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2462MHz_TX



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

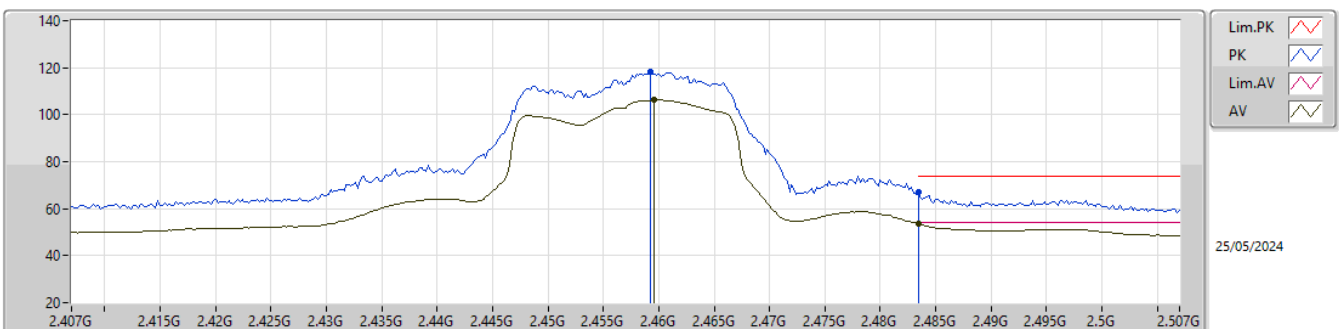
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4502G	98.96	Inf	-Inf	33.07	3	Vertical	122	2.67	65.89	27.60	5.47	-
AV	2.4846G	49.05	54.00	-4.95	33.27	3	Vertical	122	2.67	15.78	27.75	5.52	-
PK	2.4504G	110.67	Inf	-Inf	33.07	3	Vertical	122	2.67	77.60	27.60	5.47	-
PK	2.4836G	61.28	74.00	-12.72	33.25	3	Vertical	122	2.67	28.03	27.74	5.51	-

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

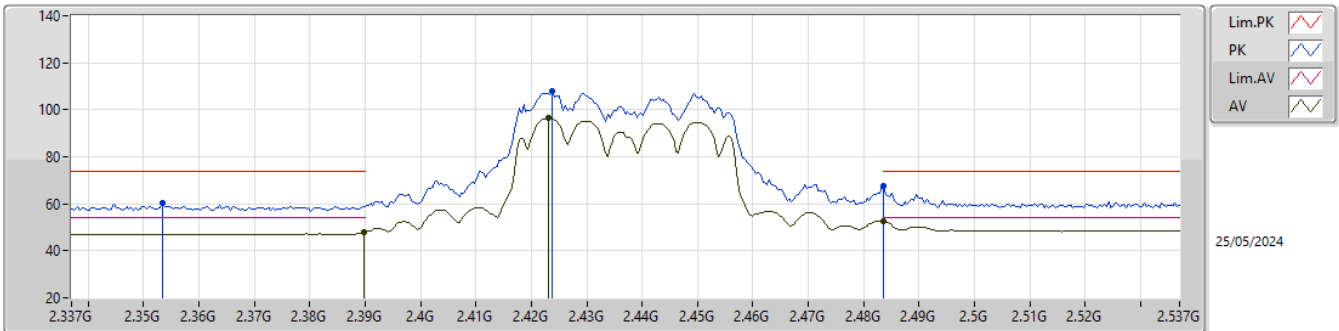
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	106.20	Inf	-Inf	33.08	3	Horizontal	224	1.80	73.12	27.60	5.48	-
AV	2.4835G	53.42	54.00	-0.58	33.24	3	Horizontal	224	1.80	20.18	27.73	5.51	-
PK	2.4592G	118.32	Inf	-Inf	33.08	3	Horizontal	224	1.80	85.24	27.60	5.48	-
PK	2.4835G	66.84	74.00	-7.16	33.24	3	Horizontal	224	1.80	33.60	27.73	5.51	-

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

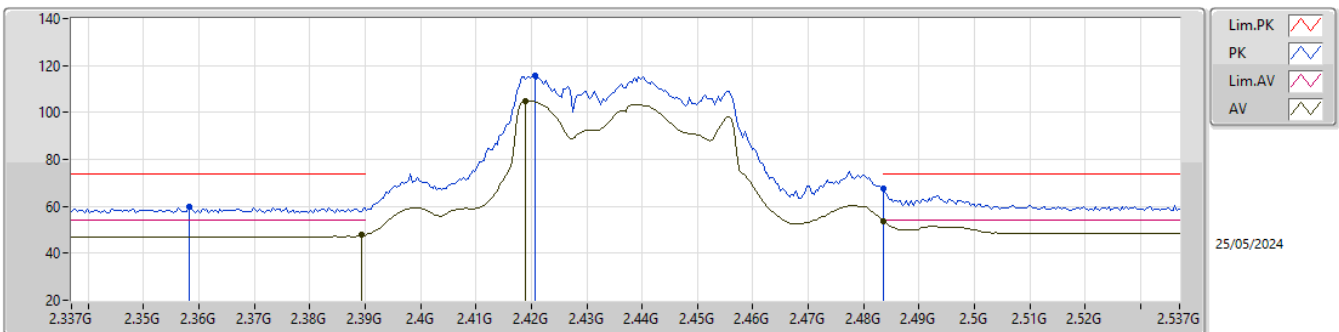
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.70	54.00	-6.30	32.60	3	Vertical	78	3.00	15.10	27.20	5.40	-
AV	2.423G	96.32	Inf	-Inf	32.87	3	Vertical	78	3.00	63.45	27.43	5.44	-
AV	2.4835G	52.47	54.00	-1.53	33.24	3	Vertical	78	3.00	19.23	27.73	5.51	-
PK	2.3534G	60.53	74.00	-13.47	32.50	3	Vertical	78	3.00	28.03	27.13	5.37	-
PK	2.4238G	108.04	Inf	-Inf	32.88	3	Vertical	78	3.00	75.16	27.44	5.44	-
PK	2.4835G	67.74	74.00	-6.26	33.24	3	Vertical	78	3.00	34.50	27.73	5.51	-

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

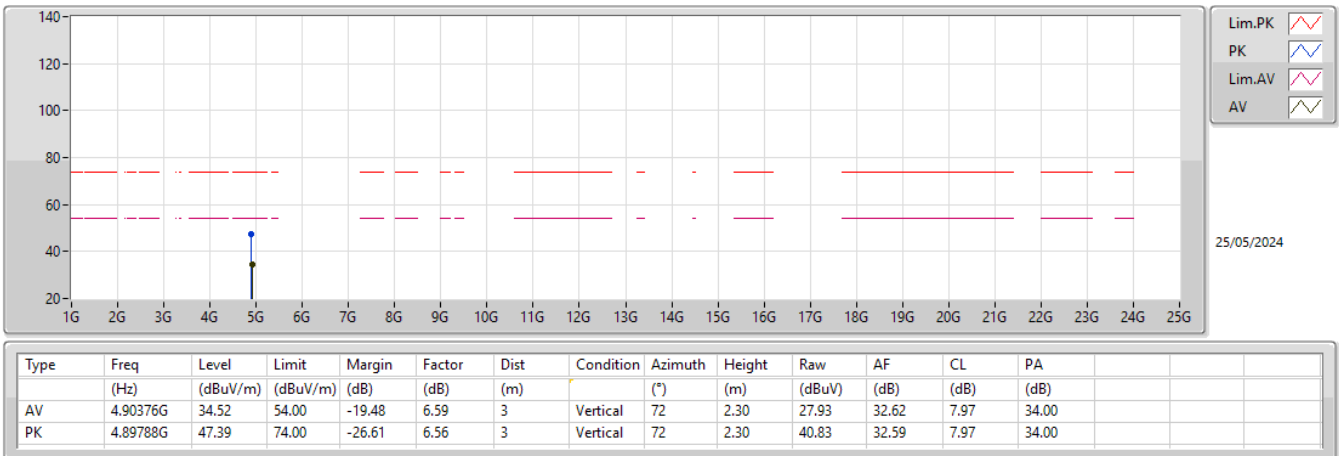
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.69	54.00	-6.31	32.59	3	Horizontal	322	1.44	15.10	27.19	5.40	-
AV	2.419G	104.81	Inf	-Inf	32.83	3	Horizontal	322	1.44	71.98	27.40	5.43	-
AV	2.4835G	53.86	54.00	-0.14	33.24	3	Horizontal	322	1.44	20.62	27.73	5.51	-
PK	2.3582G	59.58	74.00	-14.42	32.55	3	Horizontal	322	1.44	27.03	27.18	5.37	-
PK	2.4206G	115.67	Inf	-Inf	32.85	3	Horizontal	322	1.44	82.82	27.41	5.44	-
PK	2.4835G	67.69	74.00	-6.31	33.24	3	Horizontal	322	1.44	34.45	27.73	5.51	-

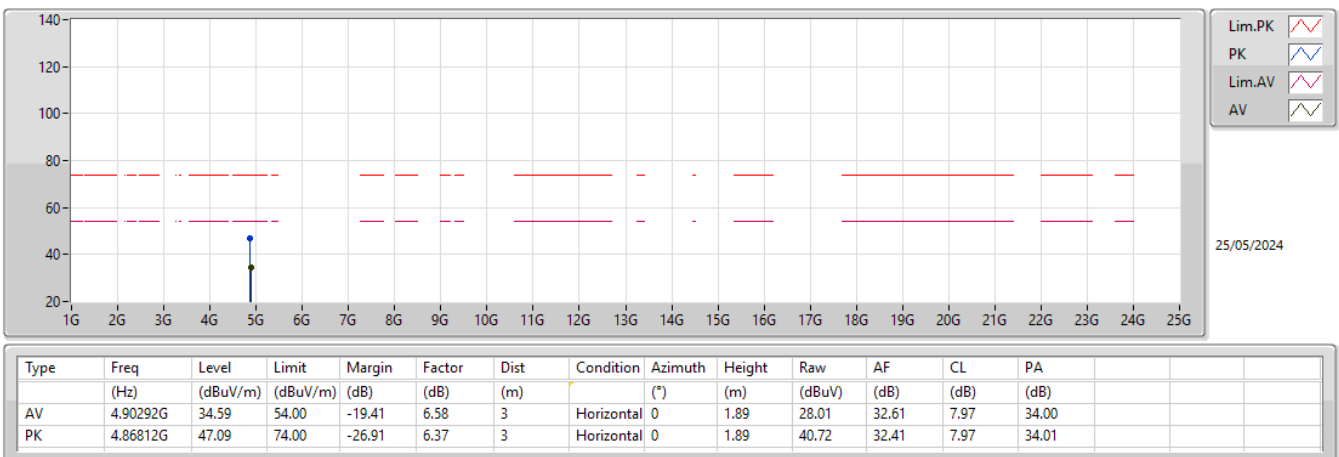
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2437MHz_TX



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

2437MHz_TX





Summary

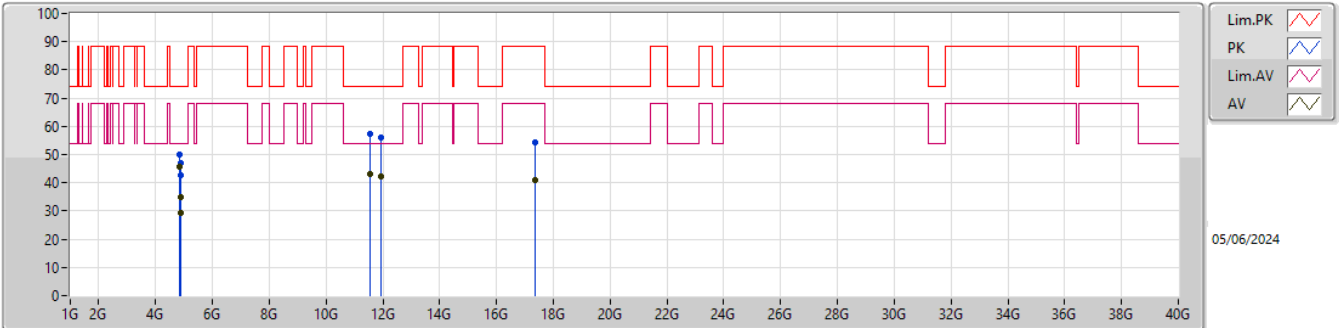
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.82402G	46.80	54.00	-7.20	Horizontal
Mode 2	Pass	AV	4.82398G	43.86	54.00	-10.14	Horizontal
Mode 3	Pass	AV	4.82407G	43.59	54.00	-10.41	Horizontal

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.82404G	45.49	54.00	-8.51	3	Vertical	50	1.01
Mode 1	Pass	AV	4.87186G	29.24	54.00	-24.76	3	Vertical	101	2.77
Mode 1	Pass	AV	4.87904G	34.88	54.00	-19.12	3	Vertical	55	1.50
Mode 1	Pass	AV	11.57216G	43.19	54.00	-10.81	3	Vertical	65	1.42
Mode 1	Pass	AV	11.93714G	42.17	54.00	-11.83	3	Vertical	23	1.21
Mode 1	Pass	AV	17.3562G	41.03	68.20	-27.17	3	Vertical	302	1.41
Mode 1	Pass	PK	4.82401G	50.06	74.00	-23.94	3	Vertical	50	1.01
Mode 1	Pass	PK	4.87554G	42.84	74.00	-31.16	3	Vertical	101	2.77
Mode 1	Pass	PK	4.8807G	46.81	74.00	-27.19	3	Vertical	55	1.50
Mode 1	Pass	PK	11.57168G	57.26	74.00	-16.74	3	Vertical	65	1.42
Mode 1	Pass	PK	11.93732G	56.10	74.00	-17.90	3	Vertical	23	1.21
Mode 1	Pass	PK	17.35608G	54.50	88.20	-33.70	3	Vertical	302	1.41
Mode 1	Pass	AV	4.82402G	46.80	54.00	-7.20	3	Horizontal	360	1.00
Mode 1	Pass	AV	4.86685G	34.12	54.00	-19.88	3	Horizontal	1	2.03
Mode 1	Pass	AV	4.88093G	32.86	54.00	-21.14	3	Horizontal	23	1.27
Mode 1	Pass	AV	11.56712G	43.02	54.00	-10.98	3	Horizontal	309	1.44
Mode 1	Pass	AV	11.9396G	41.16	54.00	-12.84	3	Horizontal	70	1.63
Mode 1	Pass	AV	17.35002G	41.21	68.20	-26.99	3	Horizontal	347	1.50
Mode 1	Pass	PK	4.82399G	50.39	74.00	-23.61	3	Horizontal	360	1.00
Mode 1	Pass	PK	4.86585G	49.28	74.00	-24.72	3	Horizontal	1	2.03
Mode 1	Pass	PK	4.88093G	45.62	74.00	-28.38	3	Horizontal	23	1.27
Mode 1	Pass	PK	11.56532G	56.32	74.00	-17.68	3	Horizontal	309	1.44
Mode 1	Pass	PK	11.9399G	54.43	74.00	-19.57	3	Horizontal	70	1.63
Mode 1	Pass	PK	17.37042G	55.86	88.20	-32.34	3	Horizontal	347	1.50
Mode 2	Pass	AV	4.82403G	42.17	54.00	-11.83	3	Vertical	356	1.65
Mode 2	Pass	AV	4.88095G	33.69	54.00	-20.31	3	Vertical	54	1.50
Mode 2	Pass	AV	11.14044G	38.39	54.00	-15.61	3	Vertical	164	1.50
Mode 2	Pass	AV	11.57222G	42.82	54.00	-11.18	3	Vertical	64	1.50
Mode 2	Pass	AV	11.93732G	42.29	54.00	-11.71	3	Vertical	20	1.24
Mode 2	Pass	AV	16.75878G	39.93	68.20	-28.27	3	Vertical	337	1.50
Mode 2	Pass	AV	17.3553G	40.78	68.20	-27.42	3	Vertical	300	1.50
Mode 2	Pass	PK	4.82371G	48.71	74.00	-25.29	3	Vertical	356	1.65
Mode 2	Pass	PK	4.88101G	46.09	74.00	-27.91	3	Vertical	54	1.50
Mode 2	Pass	PK	11.13006G	52.33	74.00	-21.67	3	Vertical	164	1.50
Mode 2	Pass	PK	11.58074G	56.91	74.00	-17.09	3	Vertical	64	1.50
Mode 2	Pass	PK	11.93684G	55.92	74.00	-18.08	3	Vertical	20	1.24
Mode 2	Pass	PK	16.71624G	53.57	88.20	-34.63	3	Vertical	337	1.50
Mode 2	Pass	PK	17.36658G	54.71	88.20	-33.49	3	Vertical	300	1.50
Mode 2	Pass	AV	4.82398G	43.86	54.00	-10.14	3	Horizontal	357	1.50
Mode 2	Pass	AV	4.8809G	32.42	54.00	-21.58	3	Horizontal	24	1.00
Mode 2	Pass	AV	11.14464G	38.45	54.00	-15.55	3	Horizontal	46	1.90
Mode 2	Pass	AV	11.56718G	42.42	54.00	-11.58	3	Horizontal	310	1.50
Mode 2	Pass	AV	11.93894G	41.28	54.00	-12.72	3	Horizontal	68	1.60
Mode 2	Pass	AV	16.75734G	39.97	68.20	-28.23	3	Horizontal	282	1.50
Mode 2	Pass	AV	17.34954G	41.19	68.20	-27.01	3	Horizontal	348	1.50
Mode 2	Pass	PK	4.82402G	49.87	74.00	-24.13	3	Horizontal	357	1.50
Mode 2	Pass	PK	4.8808G	44.91	74.00	-29.09	3	Horizontal	24	1.00
Mode 2	Pass	PK	11.1558G	52.53	74.00	-21.47	3	Horizontal	46	1.90
Mode 2	Pass	PK	11.56802G	54.90	74.00	-19.10	3	Horizontal	310	1.50
Mode 2	Pass	PK	11.93882G	55.11	74.00	-18.89	3	Horizontal	68	1.60

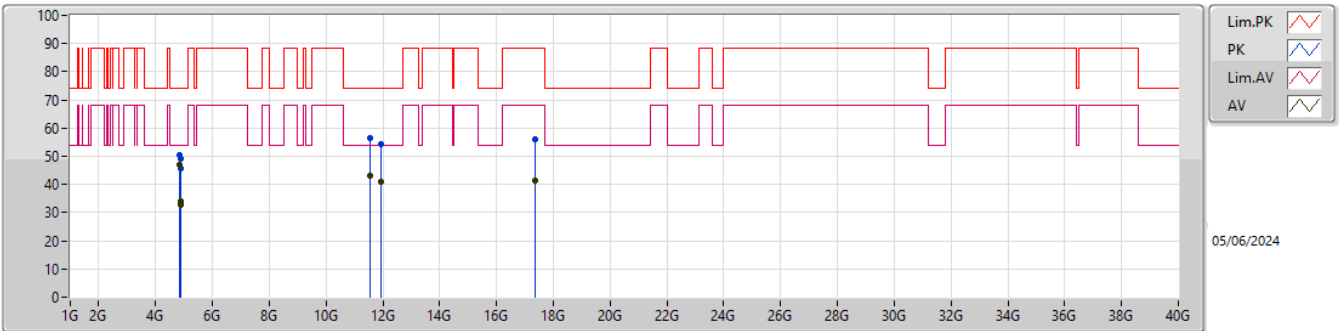
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 2	Pass	PK	16.7886G	53.12	88.20	-35.08	3	Horizontal	282	1.50
Mode 2	Pass	PK	17.34954G	54.32	88.20	-33.88	3	Horizontal	348	1.50
Mode 3	Pass	AV	4.82399G	41.75	54.00	-12.25	3	Vertical	357	1.64
Mode 3	Pass	AV	4.88092G	33.91	54.00	-20.09	3	Vertical	54	1.50
Mode 3	Pass	AV	11.57207G	42.73	54.00	-11.27	3	Vertical	64	1.44
Mode 3	Pass	AV	11.93711G	42.62	54.00	-11.38	3	Vertical	18	1.33
Mode 3	Pass	AV	12.84272G	39.46	68.20	-28.74	3	Vertical	111	1.50
Mode 3	Pass	AV	17.35515G	41.01	68.20	-27.19	3	Vertical	302	1.50
Mode 3	Pass	PK	4.82391G	48.47	74.00	-25.53	3	Vertical	357	1.64
Mode 3	Pass	PK	4.88089G	46.72	74.00	-27.28	3	Vertical	54	1.50
Mode 3	Pass	PK	11.57273G	57.17	74.00	-16.83	3	Vertical	64	1.44
Mode 3	Pass	PK	11.93726G	56.50	74.00	-17.50	3	Vertical	18	1.33
Mode 3	Pass	PK	12.82256G	53.74	88.20	-34.46	3	Vertical	111	1.50
Mode 3	Pass	PK	17.35455G	55.07	88.20	-33.13	3	Vertical	302	1.50
Mode 3	Pass	AV	4.82407G	43.59	54.00	-10.41	3	Horizontal	357	1.50
Mode 3	Pass	AV	4.88087G	32.30	54.00	-21.70	3	Horizontal	24	1.14
Mode 3	Pass	AV	11.56673G	41.79	54.00	-12.21	3	Horizontal	311	1.50
Mode 3	Pass	AV	11.93939G	41.04	54.00	-12.96	3	Horizontal	69	1.56
Mode 3	Pass	AV	12.84422G	39.53	68.20	-28.67	3	Horizontal	360	1.23
Mode 3	Pass	AV	17.35878G	41.72	68.20	-26.48	3	Horizontal	319	2.97
Mode 3	Pass	PK	4.82398G	49.75	74.00	-24.25	3	Horizontal	357	1.50
Mode 3	Pass	PK	4.88119G	45.10	74.00	-28.90	3	Horizontal	24	1.14
Mode 3	Pass	PK	11.56655G	56.05	74.00	-17.95	3	Horizontal	311	1.50
Mode 3	Pass	PK	11.94017G	54.40	74.00	-19.60	3	Horizontal	69	1.56
Mode 3	Pass	PK	12.82799G	53.54	88.20	-34.66	3	Horizontal	360	1.23
Mode 3	Pass	PK	17.35959G	55.77	88.20	-32.43	3	Horizontal	319	2.97

Radiated Emissions above 1GHz_Mode 1



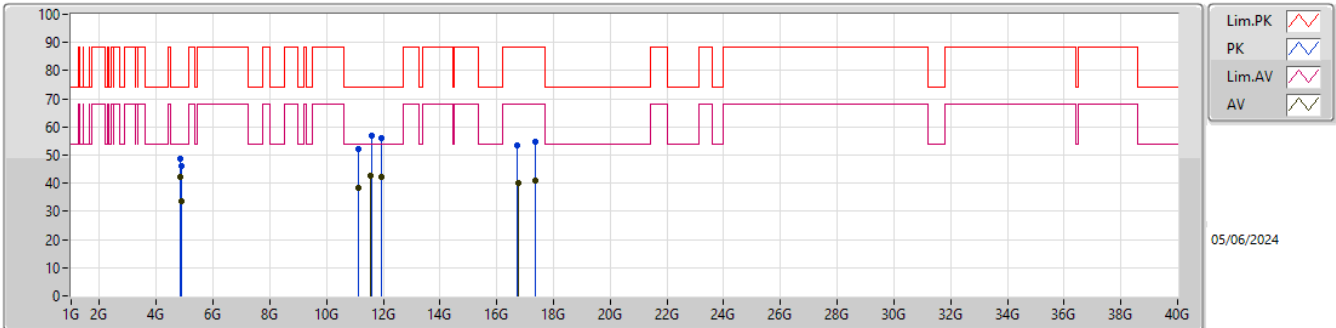
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82404G	45.49	54.00	-8.51	0.54	3	Vertical	50	1.01	44.95	32.64	5.30	37.40
AV	4.87186G	29.24	54.00	-24.76	0.78	3	Vertical	101	2.77	28.46	32.80	5.32	37.34
AV	4.87904G	34.88	54.00	-19.12	0.79	3	Vertical	55	1.50	34.09	32.80	5.33	37.34
AV	11.57216G	43.19	54.00	-10.81	9.80	3	Vertical	65	1.42	33.39	39.11	8.61	37.92
AV	11.93714G	42.17	54.00	-11.83	10.11	3	Vertical	23	1.21	32.06	39.27	8.78	37.94
AV	17.3562G	41.03	68.20	-27.17	10.53	3	Vertical	302	1.41	30.50	38.01	10.62	38.10
PK	4.82401G	50.06	74.00	-23.94	0.54	3	Vertical	50	1.01	49.52	32.64	5.30	37.40
PK	4.87554G	42.84	74.00	-31.16	0.78	3	Vertical	101	2.77	42.06	32.80	5.32	37.34
PK	4.8807G	46.81	74.00	-27.19	0.80	3	Vertical	55	1.50	46.01	32.80	5.33	37.33
PK	11.57168G	57.26	74.00	-16.74	9.80	3	Vertical	65	1.42	47.46	39.11	8.61	37.92
PK	11.93732G	56.10	74.00	-17.90	10.11	3	Vertical	23	1.21	45.99	39.27	8.78	37.94
PK	17.35608G	54.50	88.20	-33.70	10.53	3	Vertical	302	1.41	43.97	38.01	10.62	38.10

Radiated Emissions above 1GHz_Mode 1



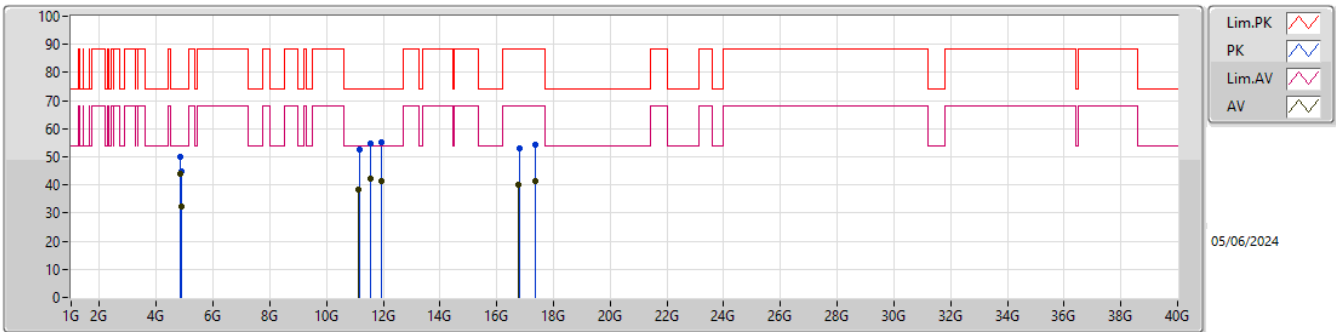
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82402G	46.80	54.00	-7.20	0.54	3	Horizontal	360	1.00	46.26	32.64	5.30	37.40
AV	4.86685G	34.12	54.00	-19.88	0.77	3	Horizontal	1	2.03	33.35	32.80	5.32	37.35
AV	4.88093G	32.86	54.00	-21.14	0.80	3	Horizontal	23	1.27	32.06	32.80	5.33	37.33
AV	11.56712G	43.02	54.00	-10.98	9.82	3	Horizontal	309	1.44	33.20	39.13	8.61	37.92
AV	11.9396G	41.16	54.00	-12.84	10.12	3	Horizontal	70	1.63	31.04	39.28	8.78	37.94
AV	17.35002G	41.21	68.20	-26.99	10.52	3	Horizontal	347	1.50	30.69	38.00	10.62	38.10
PK	4.82399G	50.39	74.00	-23.61	0.54	3	Horizontal	360	1.00	49.85	32.64	5.30	37.40
PK	4.86585G	49.28	74.00	-24.72	0.77	3	Horizontal	1	2.03	48.51	32.80	5.32	37.35
PK	4.88093G	45.62	74.00	-28.38	0.80	3	Horizontal	23	1.27	44.82	32.80	5.33	37.33
PK	11.56532G	56.32	74.00	-17.68	9.83	3	Horizontal	309	1.44	46.49	39.14	8.61	37.92
PK	11.9399G	54.43	74.00	-19.57	10.12	3	Horizontal	70	1.63	44.31	39.28	8.78	37.94
PK	17.37042G	55.86	88.20	-32.34	10.57	3	Horizontal	347	1.50	45.29	38.04	10.62	38.09

Radiated Emissions above 1GHz_Mode 2



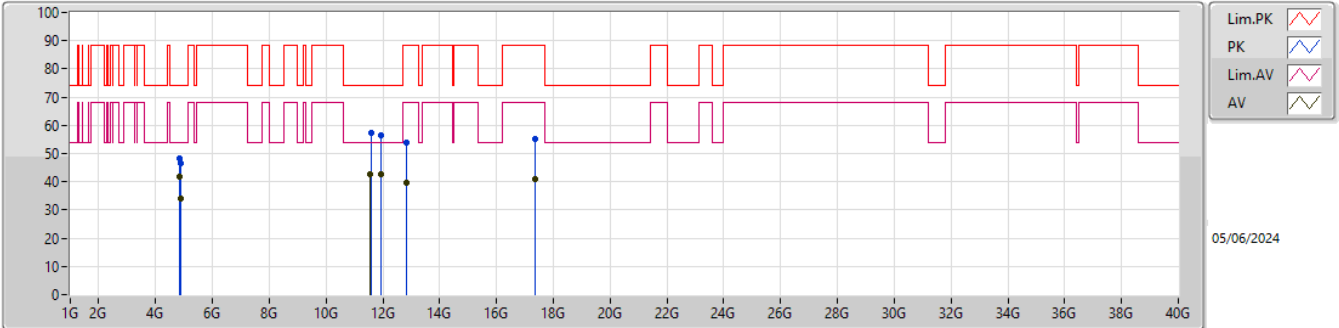
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82403G	42.17	54.00	-11.83	0.54	3	Vertical	356	1.65	41.63	32.64	5.30	37.40
AV	4.88095G	33.69	54.00	-20.31	0.80	3	Vertical	54	1.50	32.89	32.80	5.33	37.33
AV	11.14044G	38.39	54.00	-15.61	9.91	3	Vertical	164	1.50	28.48	39.18	8.41	37.68
AV	11.57222G	42.82	54.00	-11.18	9.80	3	Vertical	64	1.50	33.02	39.11	8.61	37.92
AV	11.93732G	42.29	54.00	-11.71	10.11	3	Vertical	20	1.24	32.18	39.27	8.78	37.94
AV	16.75878G	39.93	68.20	-28.27	9.98	3	Vertical	337	1.50	29.95	37.80	10.44	38.26
AV	17.3553G	40.78	68.20	-27.42	10.53	3	Vertical	300	1.50	30.25	38.01	10.62	38.10
PK	4.82371G	48.71	74.00	-25.29	0.54	3	Vertical	356	1.65	48.17	32.64	5.30	37.40
PK	4.88101G	46.09	74.00	-27.91	0.80	3	Vertical	54	1.50	45.29	32.80	5.33	37.33
PK	11.13006G	52.33	74.00	-21.67	9.88	3	Vertical	164	1.50	42.45	39.16	8.40	37.68
PK	11.58074G	56.91	74.00	-17.09	9.77	3	Vertical	64	1.50	47.14	39.08	8.61	37.92
PK	11.93684G	55.92	74.00	-18.08	10.11	3	Vertical	20	1.24	45.81	39.27	8.78	37.94
PK	16.71624G	53.57	88.20	-34.63	10.11	3	Vertical	337	1.50	43.46	37.94	10.42	38.25
PK	17.36658G	54.71	88.20	-33.49	10.56	3	Vertical	300	1.50	44.15	38.03	10.62	38.09

Radiated Emissions above 1GHz_Mode 2



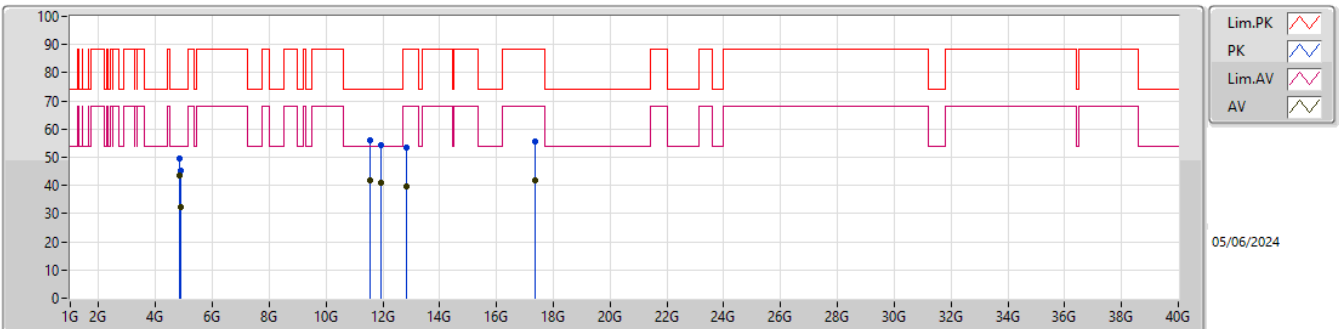
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82398G	43.86	54.00	-10.14	0.54	3	Horizontal	357	1.50	43.32	32.64	5.30	37.40
AV	4.8809G	32.42	54.00	-21.58	0.80	3	Horizontal	24	1.00	31.62	32.80	5.33	37.33
AV	11.14464G	38.45	54.00	-15.55	9.91	3	Horizontal	46	1.90	28.54	39.19	8.41	37.69
AV	11.56718G	42.42	54.00	-11.58	9.82	3	Horizontal	310	1.50	32.60	39.13	8.61	37.92
AV	11.93894G	41.28	54.00	-12.72	10.12	3	Horizontal	68	1.60	31.16	39.28	8.78	37.94
AV	16.75734G	39.97	68.20	-28.23	9.98	3	Horizontal	282	1.50	29.99	37.80	10.44	38.26
AV	17.34954G	41.19	68.20	-27.01	10.51	3	Horizontal	348	1.50	30.68	38.00	10.61	38.10
PK	4.82402G	49.87	74.00	-24.13	0.54	3	Horizontal	357	1.50	49.33	32.64	5.30	37.40
PK	4.8808G	44.91	74.00	-29.09	0.80	3	Horizontal	24	1.00	44.11	32.80	5.33	37.33
PK	11.1558G	52.53	74.00	-21.47	9.91	3	Horizontal	46	1.90	42.62	39.19	8.41	37.69
PK	11.56802G	54.90	74.00	-19.10	9.82	3	Horizontal	310	1.50	45.08	39.13	8.61	37.92
PK	11.93882G	55.11	74.00	-18.89	10.12	3	Horizontal	68	1.60	44.99	39.28	8.78	37.94
PK	16.7886G	53.12	88.20	-35.08	9.99	3	Horizontal	282	1.50	43.13	37.80	10.45	38.26
PK	17.34954G	54.32	88.20	-33.88	10.51	3	Horizontal	348	1.50	43.81	38.00	10.61	38.10

Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82399G	41.75	54.00	-12.25	0.54	3	Vertical	357	1.64	41.21	32.64	5.30	37.40
AV	4.88092G	33.91	54.00	-20.09	0.80	3	Vertical	54	1.50	33.11	32.80	5.33	37.33
AV	11.57207G	42.73	54.00	-11.27	9.80	3	Vertical	64	1.44	32.93	39.11	8.61	37.92
AV	11.93711G	42.62	54.00	-11.38	10.11	3	Vertical	18	1.33	32.51	39.27	8.78	37.94
AV	12.84272G	39.46	68.20	-28.74	10.49	3	Vertical	111	1.50	28.97	39.87	9.08	38.46
AV	17.35515G	41.01	68.20	-27.19	10.53	3	Vertical	302	1.50	30.48	38.01	10.62	38.10
PK	4.82391G	48.47	74.00	-25.53	0.54	3	Vertical	357	1.64	47.93	32.64	5.30	37.40
PK	4.88089G	46.72	74.00	-27.28	0.80	3	Vertical	54	1.50	45.92	32.80	5.33	37.33
PK	11.57273G	57.17	74.00	-16.83	9.80	3	Vertical	64	1.44	47.37	39.11	8.61	37.92
PK	11.93726G	56.50	74.00	-17.50	10.11	3	Vertical	18	1.33	46.39	39.27	8.78	37.94
PK	12.82256G	53.74	88.20	-34.46	10.41	3	Vertical	111	1.50	43.33	39.79	9.07	38.45
PK	17.35455G	55.07	88.20	-33.13	10.53	3	Vertical	302	1.50	44.54	38.01	10.62	38.10

Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82407G	43.59	54.00	-10.41	0.54	3	Horizontal	357	1.50	43.05	32.64	5.30	37.40
AV	4.88087G	32.30	54.00	-21.70	0.80	3	Horizontal	24	1.14	31.50	32.80	5.33	37.33
AV	11.56673G	41.79	54.00	-12.21	9.82	3	Horizontal	311	1.50	31.97	39.13	8.61	37.92
AV	11.93939G	41.04	54.00	-12.96	10.12	3	Horizontal	69	1.56	30.92	39.28	8.78	37.94
AV	12.84422G	39.53	68.20	-28.67	10.50	3	Horizontal	360	1.23	29.03	39.88	9.08	38.46
AV	17.35878G	41.72	68.20	-26.48	10.55	3	Horizontal	319	2.97	31.17	38.02	10.62	38.09
PK	4.82398G	49.75	74.00	-24.25	0.54	3	Horizontal	357	1.50	49.21	32.64	5.30	37.40
PK	4.88119G	45.10	74.00	-28.90	0.80	3	Horizontal	24	1.14	44.30	32.80	5.33	37.33
PK	11.56655G	56.05	74.00	-17.95	9.82	3	Horizontal	311	1.50	46.23	39.13	8.61	37.92
PK	11.94017G	54.40	74.00	-19.60	10.12	3	Horizontal	69	1.56	44.28	39.28	8.78	37.94
PK	12.82799G	53.54	88.20	-34.66	10.43	3	Horizontal	360	1.23	43.11	39.81	9.07	38.45
PK	17.35959G	55.77	88.20	-32.43	10.55	3	Horizontal	319	2.97	45.22	38.02	10.62	38.09