



FCC Radio Test Report

FCC ID : TVE-3111BB056

Equipment : Secured Wireless Access Point

Brand Name : FORTINET

Model Name : FortiAP U431Fxxxxxx, FAP-U431Fxxxxxx,
FORTIAP-U431Fxxxxxx
FortiAP U433Fxxxxxx, FAP-U433Fxxxxxx,
FORTIAP-U433Fxxxxxx
(where "x" can be used as "A-Z", or "0-9", or "-", or
blank for software changes or marketing purposes only)

Applicant : Fortinet, Inc.
899 Kifer Road, Sunnyvale, CA 94086, USA

Manufacturer : Universal Global Scientific Industrial Co., Ltd
141, Lane 351, Sec. 1, Taiping Road, Tsao-tuen,
Nantou 54261, Taiwan

Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 06, 2021, and testing was started from Dec. 11, 2021 and completed on Dec. 28, 2021. 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

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



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History of this test report

Report No.	Version	Description	Issued Date
FR931106-09AC	01	Initial issue of report	Apr. 01, 2022



Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Jenny Yang



1 General Description

1.1 Information

The EUT has three radio chip.

Function	Radio 1	Radio 2	Radio 3
WiFi 2.4G	X	V	V
WiFi 5G	V	V	V (Only RX)
Bluetooth	X	X	V

1.1.1 RF General Information

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

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	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW40-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.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Model: FAP-U433F

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1-4	1	ARISTOTLE	RFA-05-C53-U-B32C255	Dipole Antenna	Reversed-SMA
5-8	2	ARISTOTLE	RFA-25-C53-U-B32C255	Dipole Antenna	Reversed-SMA
9-10	3	ARISTOTLE	RFA-25-C53-U-B32C255	Dipole Antenna	Reversed-SMA
11	3	ARISTOTLE	RFA-BT-G402-79-200	PIFA Antenna	IPEX
12	1 & 2	ventev	FANT-08ABGN-1213-D-R	Directional Dipole Antenna	Reversed-SMA

Ant.	Gain (dBi)					
	Radio 1	Radio 2		Radio 3		
	5G	2.4G	5G	2.4G	5G	BT
1-4	4.3	-	-	-	-	-
5-8	-	3.5	5.0	-	-	-
9-10	-	-	-	3.5	5.0	-
11	-	-	-	-	-	3.0
12	13	12	13	-	-	-

Model: FAP-U431F

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1-4	1	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
5-8	2	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
9-10	3	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
11	3	ARISTOTLE	RFA-BT-G402-79-200	PIFA Antenna	IPEX

Ant.	Gain (dBi)					
	Radio 1	Radio 2		Radio 3		
	5G	2.4G	5G	2.4G	5G	BT
1-4	6.0	-	-	-	-	-
5-8	-	4.0	6.0	-	-	-
9-10	-	-	-	4.0	6.0	-
11	-	-	-	-	-	3.0



Ant.	BF Gain (dBi)
	Radio 1 & 2
-	6.02

Directional gain = $G_{\text{ANT MAX}} + 10 \log(N_{\text{ANT}}/N_{\text{SS}})$ dBi, where N_{SS} = the number of independent spatial streams of data and $G_{\text{ANT MAX}}$ is the gain of the antenna having the highest gain (in dBi).

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode

Radio 2: Ant. 5 to Ant. 8 could transmit/receive simultaneously. (4TX/4RX)

Radio 2: Ant. 12 could transmit/receive simultaneously. (4TX/4RX)

Radio 3: Ant. 9 and Ant. 10 could transmit/receive simultaneously. (2TX/2RX)

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode

Radio 1: Ant. 1 to Ant. 4 could transmit/receive simultaneously. (4TX/4RX)

Radio 1: Ant. 12 could transmit/receive simultaneously. (4TX/4RX)

Radio 2: Ant. 5 to Ant. 8 could transmit/receive simultaneously. (4TX/4RX)

Radio 2: Ant. 12 could transmit/receive simultaneously. (4TX/4RX)

Radio 3: Ant. 9 and Ant. 10 could transmit/receive simultaneously. (2RX)

For Bluetooth function:

For IEEE 802.15.1 Bluetooth mode

Radio 3: Ant. 11 could transmit/receive simultaneously. (1TX/1RX)

1.1.3 EUT Information

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



1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_4TX	0.952	0.21	12.418m	100
802.11g_Nss1,(6Mbps)_4TX	0.952	0.21	2.065m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.98	0.09	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.962	0.17	773.125u	3k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.904	0.44	2.927m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.905	0.43	3.095m	1k

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

1.1.5 Table for Multiple Listing

Brand Name	Model Name	Description
FORTINET	FortiAP U431Fxxxxxx	Internal Antenna
	FAP-U431Fxxxxxx	
	FORTIAP-U431Fxxxxxx	
	FortiAP U433Fxxxxxx	External Antenna
	FAP-U433Fxxxxxx	
	FORTIAP-U433Fxxxxxx	

Note: All the models are electrically identical, difference model names for marketing purpose.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR931106AC

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

Modifications	Performance Checking
The Antenna 12 was added for FAP-U433F	All test items were evaluated for Radio 2.

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	21.2~22.0℃ / 56~59%	28/Dec/2021
RF Conducted	TH06-HY	Johnny Yu	21.2~25.8℃ / 50~60%	20/Dec/2021~25/Dec/2021
Radiated	03CH03-HY	Edward Wang	20.1~26.9℃ / 50~60%	11/Dec/2021~23/Dec/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

Laboratory number TAF 3785 is a spin-off from the original Laboratory number TAF 1190.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	MTool 3.1.0.1
-----------------------	---------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	71
2417MHz	71
2422MHz	71
2427MHz	71
2432MHz	71
2437MHz	71
2442MHz	71
2447MHz	71
2452MHz	71
2457MHz	71
2462MHz	71
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	48
2417MHz	54
2422MHz	62
2427MHz	68
2432MHz	71
2437MHz	71
2442MHz	71
2447MHz	61
2452MHz	61
2457MHz	54
2462MHz	47
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	41
2417MHz	51
2422MHz	58
2427MHz	61
2432MHz	68



Mode	Power Setting
2437MHz	68
2442MHz	68
2447MHz	59
2452MHz	57
2457MHz	50
2462MHz	43
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	33
2427MHz	34
2432MHz	41
2437MHz	47
2442MHz	46
2447MHz	41
2452MHz	37

**Beamforming**

Test Software Version	Dos v6.1
------------------------------	----------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	25
2417MHz	29
2422MHz	34
2427MHz	38
2432MHz	39
2437MHz	44
2442MHz	39
2447MHz	37
2452MHz	31
2457MHz	29
2462MHz	26
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	25
2427MHz	29
2432MHz	30
2437MHz	35
2442MHz	34
2447MHz	32
2452MHz	30

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 5GHz(Radio1)+WLAN 5GHz(Radio2)+WLAN 2.4GHz(Radio2)+ WLAN 2.4GHz(Radio3)+Bluetooth
Refer to Sporton Test Report No.: FA931106-09 for Co-location RF Exposure Evaluation.	



2.3 Accessories

Accessories				
AC Adapter	Brand Name	APD	Model Name	WA-30J12R
	Power Rating	I/P: 100 - 240Vac, 0.9 A, O/P: 12 Vdc, 2.5 A		
	Power Cord	1.50 meter, non-shielded cable, w/o ferrite core		

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

2.4 Support Equipment

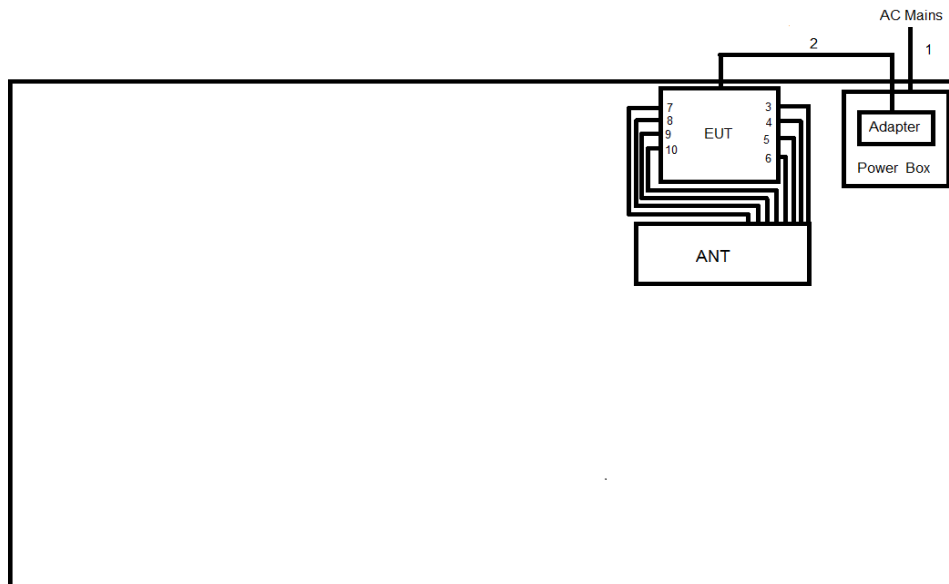
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client AP	FORTINET	FAP-U433	-	Provided by Customer
2	Notebook	HP	5220M	-	-

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

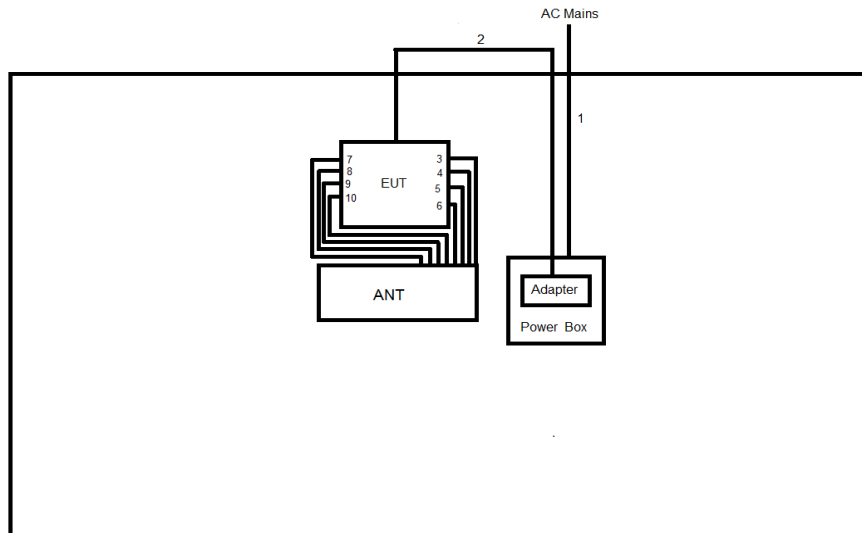
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client AP	FORTINET	FAP-U433	-	Provided by Customer
2	Notebook	HP	5220M	-	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power line	No	1.5	-
3	RF cable	No	0.92	-
4	RF cable	No	0.92	-
5	RF cable	No	0.92	-
6	RF cable	No	0.92	-
7	RF cable	No	0.92	-
8	RF cable	No	0.92	-
9	RF cable	No	0.92	-
10	RF cable	No	0.92	-

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power line	No	1.5	-
3	RF cable	No	0.92	-
4	RF cable	No	0.92	-
5	RF cable	No	0.92	-
6	RF cable	No	0.92	-
7	RF cable	No	0.92	-
8	RF cable	No	0.92	-
9	RF cable	No	0.92	-
10	RF cable	No	0.92	-



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

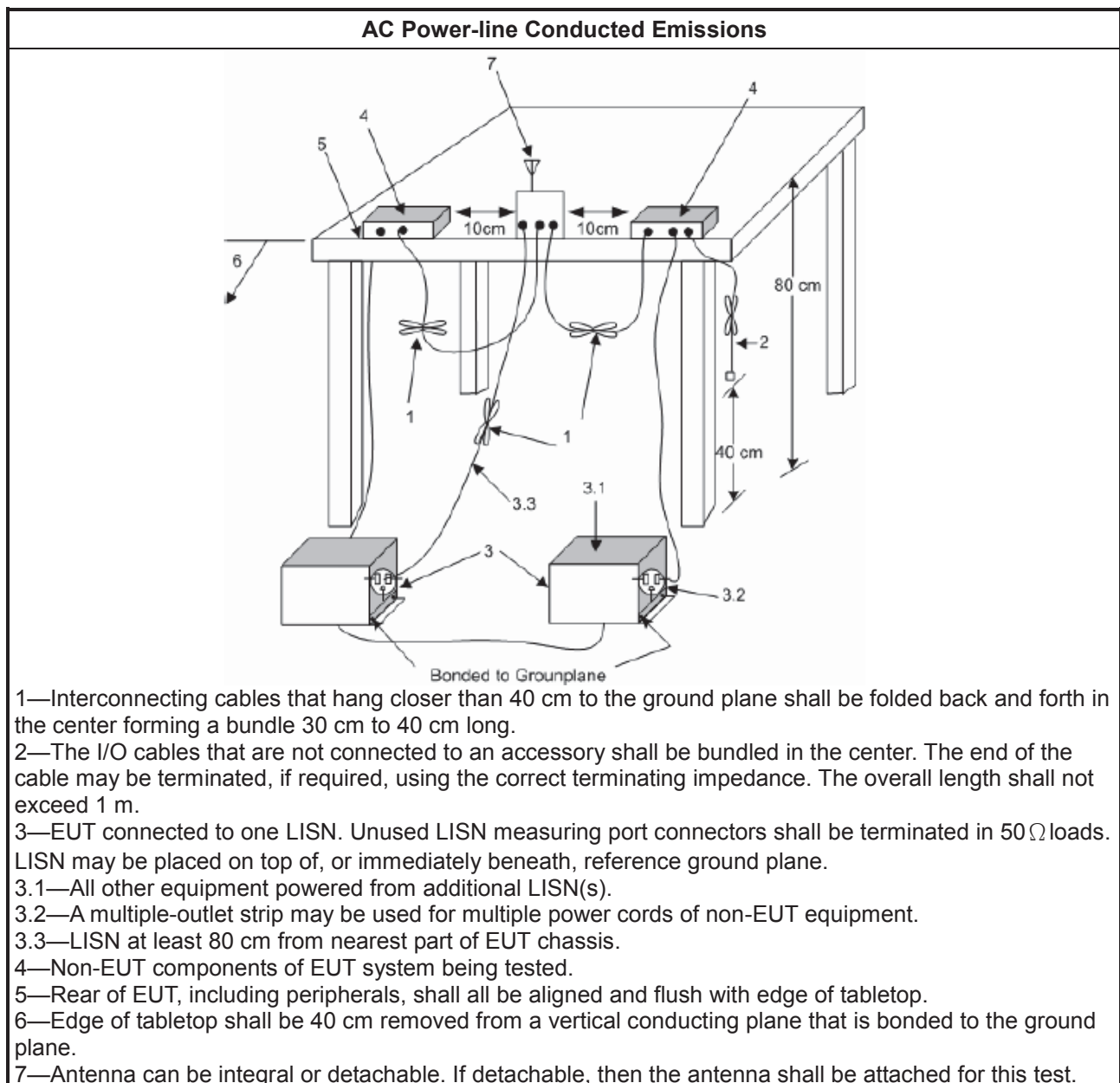
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

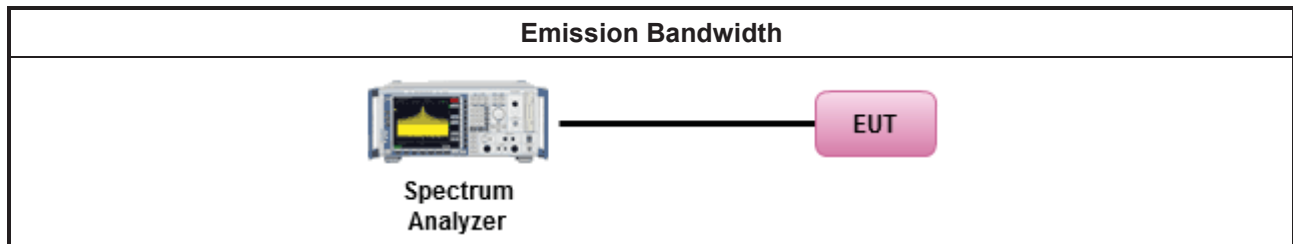
3.2.2 Measuring Instruments

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.		

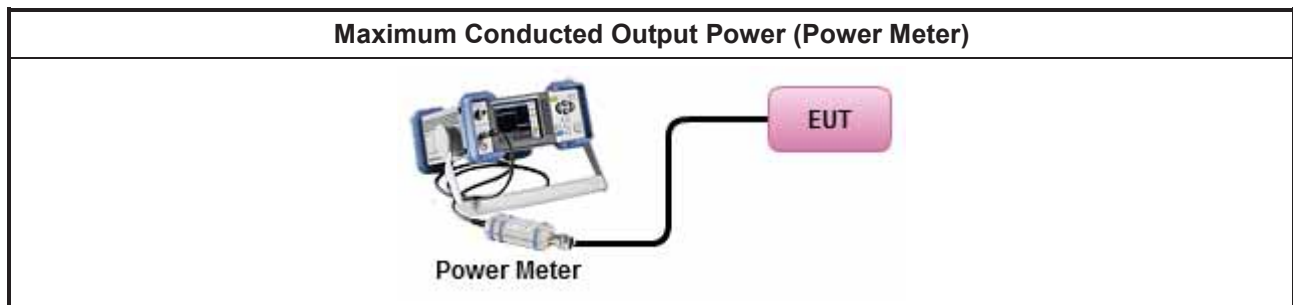
3.3.2 Measuring Instruments

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

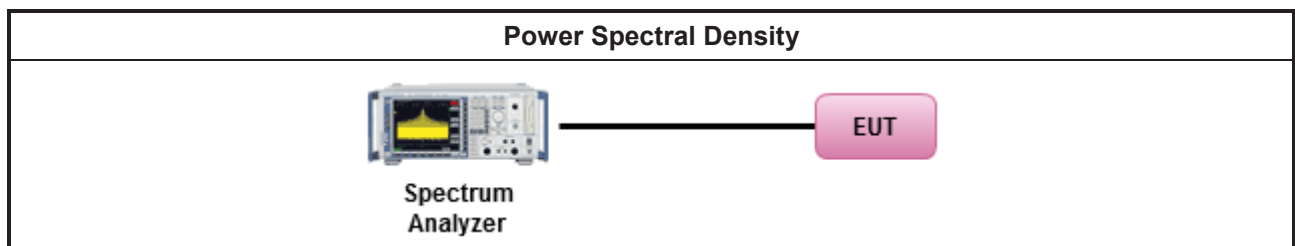
3.4.2 Measuring Instruments

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.	

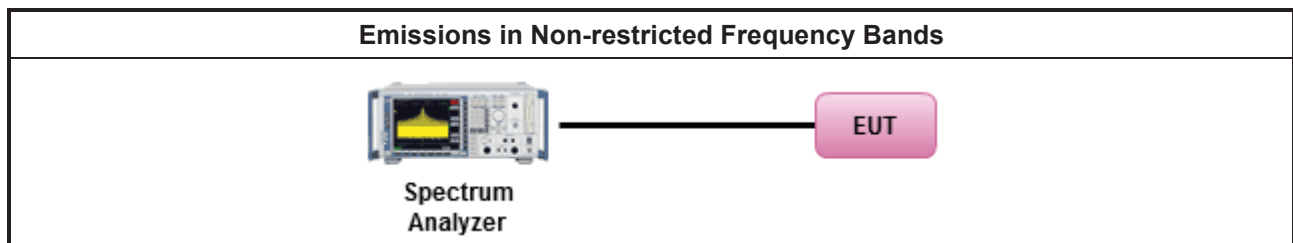
3.5.2 Measuring Instruments

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

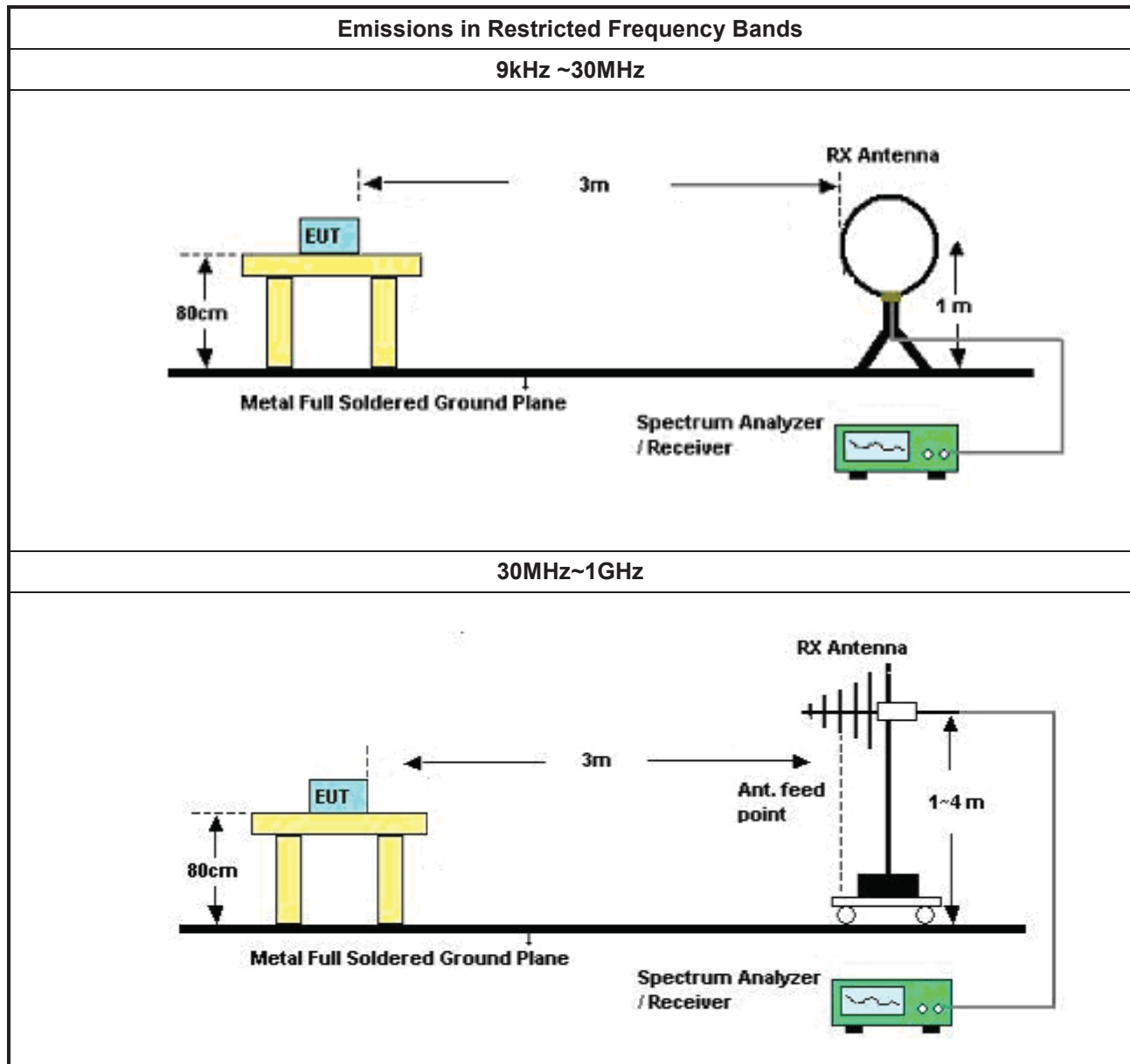
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted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

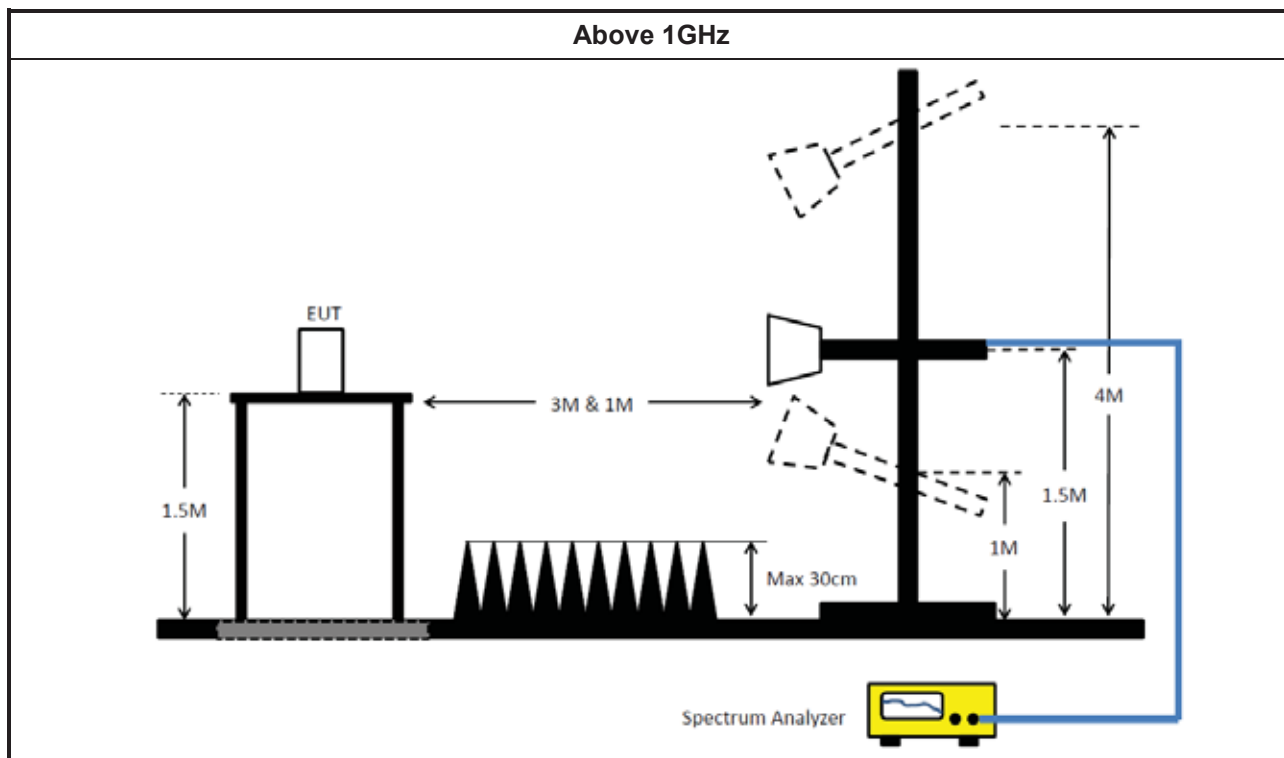
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	100003	9kHz ~ 30MHz	23/Dec/2021	22/Dec/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
SENSE EMI	Sporton	v5.10.7.13	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	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
SENSE-15.247_ DTS	Sporton	v5.10.7.13	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	2267	1GHz~18GHz	14/Sep/2021	13/Sep/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	16/Jun/2021	15/Jun/2022
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE 15247_DTS	Sporton	v5.10.7.13	N/A	N/A	N/A	N/A

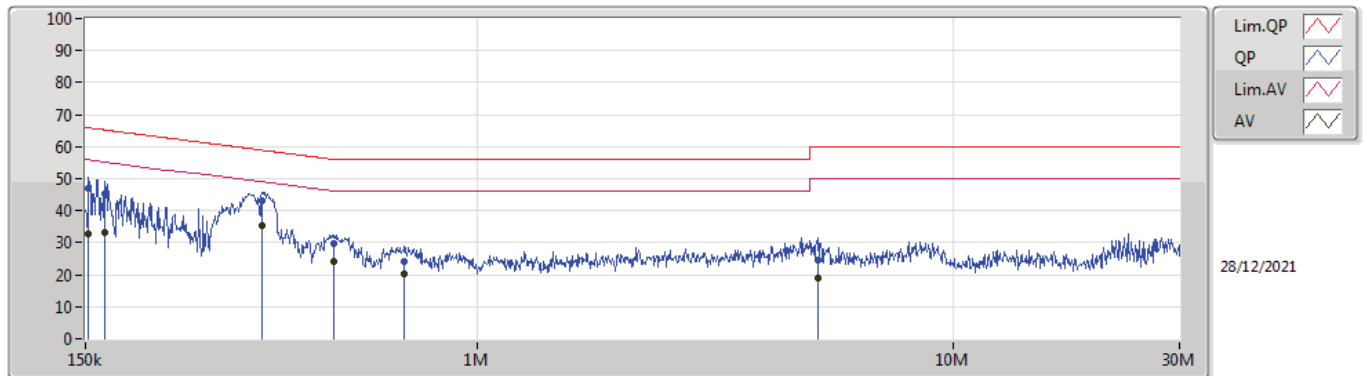
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	352.457k	35.15	48.91	-13.76	Line

Mode Configure

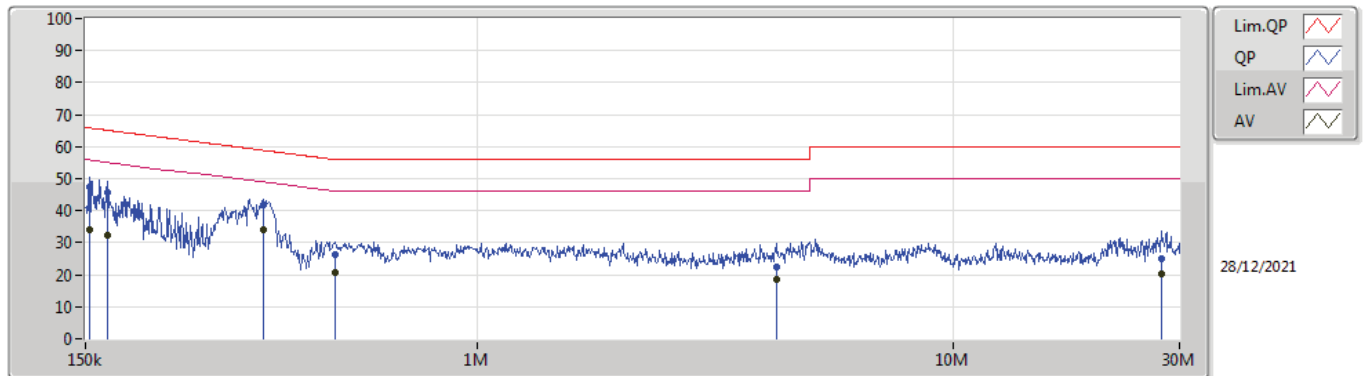
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	47.01	65.87	-18.86	Line	-
Mode 1	Pass	AV	152.414k	32.78	55.87	-23.09	Line	-
Mode 1	Pass	QP	164.425k	45.44	65.24	-19.80	Line	-
Mode 1	Pass	AV	164.425k	32.99	55.24	-22.25	Line	-
Mode 1	Pass	QP	352.457k	43.28	58.91	-15.63	Line	-
Mode 1	Pass	AV	352.457k	35.15	48.91	-13.76	Line	-
Mode 1	Pass	QP	500k	29.55	56.00	-26.45	Line	-
Mode 1	Pass	AV	500k	24.01	46.00	-21.99	Line	-
Mode 1	Pass	QP	703.134k	24.06	56.00	-31.94	Line	-
Mode 1	Pass	AV	703.134k	20.22	46.00	-25.78	Line	-
Mode 1	Pass	QP	5.196M	24.37	60.00	-35.63	Line	-
Mode 1	Pass	AV	5.196M	19.08	50.00	-30.92	Line	-
Mode 1	Pass	QP	153.024k	47.49	65.83	-18.34	Neutral	-
Mode 1	Pass	AV	153.024k	34.21	55.83	-21.62	Neutral	-
Mode 1	Pass	QP	167.071k	45.59	65.10	-19.51	Neutral	-
Mode 1	Pass	AV	167.071k	32.18	55.10	-22.92	Neutral	-
Mode 1	Pass	QP	355.282k	41.90	58.83	-16.93	Neutral	-
Mode 1	Pass	AV	355.282k	34.17	48.83	-14.66	Neutral	-
Mode 1	Pass	QP	502.813k	26.22	56.00	-29.78	Neutral	-
Mode 1	Pass	AV	502.813k	20.65	46.00	-25.35	Neutral	-
Mode 1	Pass	QP	4.255M	22.54	56.00	-33.46	Neutral	-
Mode 1	Pass	AV	4.255M	18.49	46.00	-27.51	Neutral	-
Mode 1	Pass	QP	27.453M	25.05	60.00	-34.95	Neutral	-
Mode 1	Pass	AV	27.453M	20.27	50.00	-29.73	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	152.414k	47.01	65.87	-18.86	19.56	Line	-	27.45	9.61	0.04	9.91			
AV	152.414k	32.78	55.87	-23.09	19.56	Line	-	13.22	9.61	0.04	9.91			
QP	164.425k	45.44	65.24	-19.80	19.56	Line	-	25.88	9.61	0.04	9.91			
AV	164.425k	32.99	55.24	-22.25	19.56	Line	-	13.43	9.61	0.04	9.91			
QP	352.457k	43.28	58.91	-15.63	19.57	Line	-	23.71	9.60	0.06	9.91			
AV	352.457k	35.15	48.91	-13.76	19.57	Line	-	15.58	9.60	0.06	9.91			
QP	500k	29.55	56.00	-26.45	19.57	Line	-	9.98	9.60	0.06	9.91			
AV	500k	24.01	46.00	-21.99	19.57	Line	-	4.44	9.60	0.06	9.91			
QP	703.134k	24.06	56.00	-31.94	19.60	Line	-	4.46	9.61	0.07	9.92			
AV	703.134k	20.22	46.00	-25.78	19.60	Line	-	0.62	9.61	0.07	9.92			
QP	5.196M	24.37	60.00	-35.63	19.75	Line	-	4.62	9.67	0.16	9.92			
AV	5.196M	19.08	50.00	-30.92	19.75	Line	-	-0.67	9.67	0.16	9.92			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.024k	47.49	65.83	-18.34	19.55	Neutral	-	27.94	9.60	0.04	9.91			
AV	153.024k	34.21	55.83	-21.62	19.55	Neutral	-	14.66	9.60	0.04	9.91			
QP	167.071k	45.59	65.10	-19.51	19.55	Neutral	-	26.04	9.60	0.04	9.91			
AV	167.071k	32.18	55.10	-22.92	19.55	Neutral	-	12.63	9.60	0.04	9.91			
QP	355.282k	41.90	58.83	-16.93	19.57	Neutral	-	22.33	9.60	0.06	9.91			
AV	355.282k	34.17	48.83	-14.66	19.57	Neutral	-	14.60	9.60	0.06	9.91			
QP	502.813k	26.22	56.00	-29.78	19.57	Neutral	-	6.65	9.60	0.06	9.91			
AV	502.813k	20.65	46.00	-25.35	19.57	Neutral	-	1.08	9.60	0.06	9.91			
QP	4.255M	22.54	56.00	-33.46	19.72	Neutral	-	2.82	9.66	0.14	9.92			
AV	4.255M	18.49	46.00	-27.51	19.72	Neutral	-	-1.23	9.66	0.14	9.92			
QP	27.453M	25.05	60.00	-34.95	20.24	Neutral	-	4.81	9.97	0.33	9.94			
AV	27.453M	20.27	50.00	-29.73	20.24	Neutral	-	0.03	9.97	0.33	9.94			

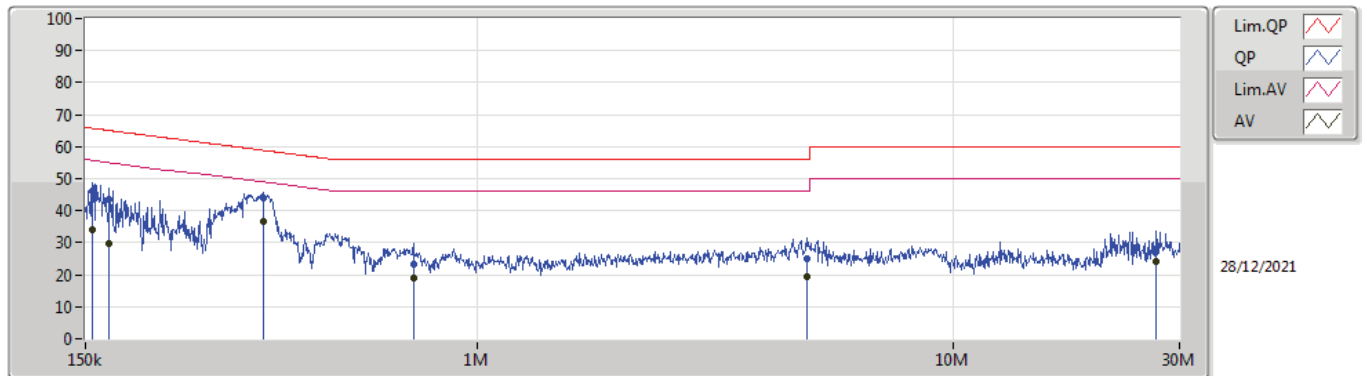
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	355.282k	36.61	48.83	-12.22	Line

Mode Configure

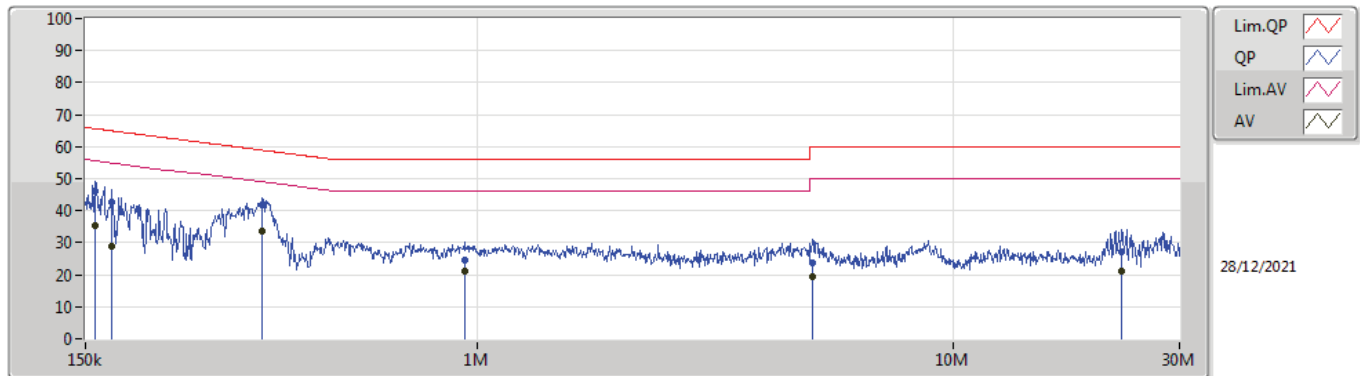
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	46.02	65.73	-19.71	Line	-
Mode 1	Pass	AV	154.868k	33.84	55.73	-21.89	Line	-
Mode 1	Pass	QP	168.41k	43.64	65.04	-21.40	Line	-
Mode 1	Pass	AV	168.41k	29.60	55.04	-25.44	Line	-
Mode 1	Pass	QP	355.282k	44.15	58.83	-14.68	Line	-
Mode 1	Pass	AV	355.282k	36.61	48.83	-12.22	Line	-
Mode 1	Pass	QP	734.698k	23.37	56.00	-32.63	Line	-
Mode 1	Pass	AV	734.698k	19.06	46.00	-26.94	Line	-
Mode 1	Pass	QP	4.952M	24.88	56.00	-31.12	Line	-
Mode 1	Pass	AV	4.952M	19.37	46.00	-26.63	Line	-
Mode 1	Pass	QP	26.803M	27.96	60.00	-32.04	Line	-
Mode 1	Pass	AV	26.803M	23.97	50.00	-26.03	Line	-
Mode 1	Pass	QP	156.734k	46.00	65.64	-19.64	Neutral	-
Mode 1	Pass	AV	156.734k	35.18	55.64	-20.46	Neutral	-
Mode 1	Pass	QP	169.76k	42.77	64.97	-22.20	Neutral	-
Mode 1	Pass	AV	169.76k	28.81	54.97	-26.16	Neutral	-
Mode 1	Pass	QP	353.867k	41.63	58.87	-17.24	Neutral	-
Mode 1	Pass	AV	353.867k	33.62	48.87	-15.25	Neutral	-
Mode 1	Pass	QP	941.021k	24.71	56.00	-31.29	Neutral	-
Mode 1	Pass	AV	941.021k	21.28	46.00	-24.72	Neutral	-
Mode 1	Pass	QP	5.073M	23.78	60.00	-36.22	Neutral	-
Mode 1	Pass	AV	5.073M	19.22	50.00	-30.78	Neutral	-
Mode 1	Pass	QP	22.666M	27.11	60.00	-32.89	Neutral	-
Mode 1	Pass	AV	22.666M	20.91	50.00	-29.09	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	154.868k	46.02	65.73	-19.71	19.56	Line	-	26.46	9.61	0.04	9.91			
AV	154.868k	33.84	55.73	-21.89	19.56	Line	-	14.28	9.61	0.04	9.91			
QP	168.41k	43.64	65.04	-21.40	19.56	Line	-	24.08	9.61	0.04	9.91			
AV	168.41k	29.60	55.04	-25.44	19.56	Line	-	10.04	9.61	0.04	9.91			
QP	355.282k	44.15	58.83	-14.68	19.57	Line	-	24.58	9.60	0.06	9.91			
AV	355.282k	36.61	48.83	-12.22	19.57	Line	-	17.04	9.60	0.06	9.91			
QP	734.698k	23.37	56.00	-32.63	19.60	Line	-	3.77	9.61	0.07	9.92			
AV	734.698k	19.06	46.00	-26.94	19.60	Line	-	-0.54	9.61	0.07	9.92			
QP	4.952M	24.88	56.00	-31.12	19.73	Line	-	5.15	9.66	0.15	9.92			
AV	4.952M	19.37	46.00	-26.63	19.73	Line	-	-0.36	9.66	0.15	9.92			
QP	26.803M	27.96	60.00	-32.04	20.00	Line	-	7.96	9.74	0.33	9.93			
AV	26.803M	23.97	50.00	-26.03	20.00	Line	-	3.97	9.74	0.33	9.93			

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	156.734k	46.00	65.64	-19.64	19.55	Neutral	-	26.45	9.60	0.04	9.91			
AV	156.734k	35.18	55.64	-20.46	19.55	Neutral	-	15.63	9.60	0.04	9.91			
QP	169.76k	42.77	64.97	-22.20	19.55	Neutral	-	23.22	9.60	0.04	9.91			
AV	169.76k	28.81	54.97	-26.16	19.55	Neutral	-	9.26	9.60	0.04	9.91			
QP	353.867k	41.63	58.87	-17.24	19.57	Neutral	-	22.06	9.60	0.06	9.91			
AV	353.867k	33.62	48.87	-15.25	19.57	Neutral	-	14.05	9.60	0.06	9.91			
QP	941.021k	24.71	56.00	-31.29	19.62	Neutral	-	5.09	9.62	0.08	9.92			
AV	941.021k	21.28	46.00	-24.72	19.62	Neutral	-	1.66	9.62	0.08	9.92			
QP	5.073M	23.78	60.00	-36.22	19.76	Neutral	-	4.02	9.68	0.16	9.92			
AV	5.073M	19.22	50.00	-30.78	19.76	Neutral	-	-0.54	9.68	0.16	9.92			
QP	22.666M	27.11	60.00	-32.89	20.15	Neutral	-	6.96	9.91	0.31	9.93			
AV	22.666M	20.91	50.00	-29.09	20.15	Neutral	-	0.76	9.91	0.31	9.93			

**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	7.525M	10.445M	10M4G1D	6.5M	10.245M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.667M	16M7D1D	16.3M	16.542M
802.11ax HEW20_Nss1,(MCS0)_4TX	19M	19.04M	19M0D1D	18.05M	18.916M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.5M	38.031M	38M0D1D	35.8M	37.481M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	6.525M	10.27M	7.025M	10.245M	7.025M	10.27M	7.025M	10.295M
2437MHz	Pass	500k	6.5M	10.27M	6.5M	10.345M	6.55M	10.445M	7M	10.295M
2462MHz	Pass	500k	7M	10.32M	7.025M	10.245M	7.025M	10.27M	7.525M	10.37M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.642M	16.325M	16.542M	16.325M	16.592M	16.3M	16.617M
2437MHz	Pass	500k	16.325M	16.667M	16.325M	16.667M	16.35M	16.617M	16.325M	16.592M
2462MHz	Pass	500k	16.35M	16.617M	16.325M	16.617M	16.3M	16.542M	16.35M	16.617M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.85M	18.966M	18.7M	18.966M	18.5M	18.916M	19M	18.991M
2437MHz	Pass	500k	18.75M	18.991M	18.75M	19.04M	18.05M	19.015M	18.775M	18.991M
2462MHz	Pass	500k	18.925M	18.991M	18.475M	18.991M	18.9M	18.941M	18.95M	19.015M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.8M	37.731M	37.25M	37.781M	36.75M	37.881M	35.8M	37.631M
2437MHz	Pass	500k	36.9M	37.681M	37.5M	38.031M	36.6M	37.981M	35.9M	37.681M
2452MHz	Pass	500k	37.05M	37.881M	35.85M	37.481M	36.25M	37.481M	36.85M	37.781M

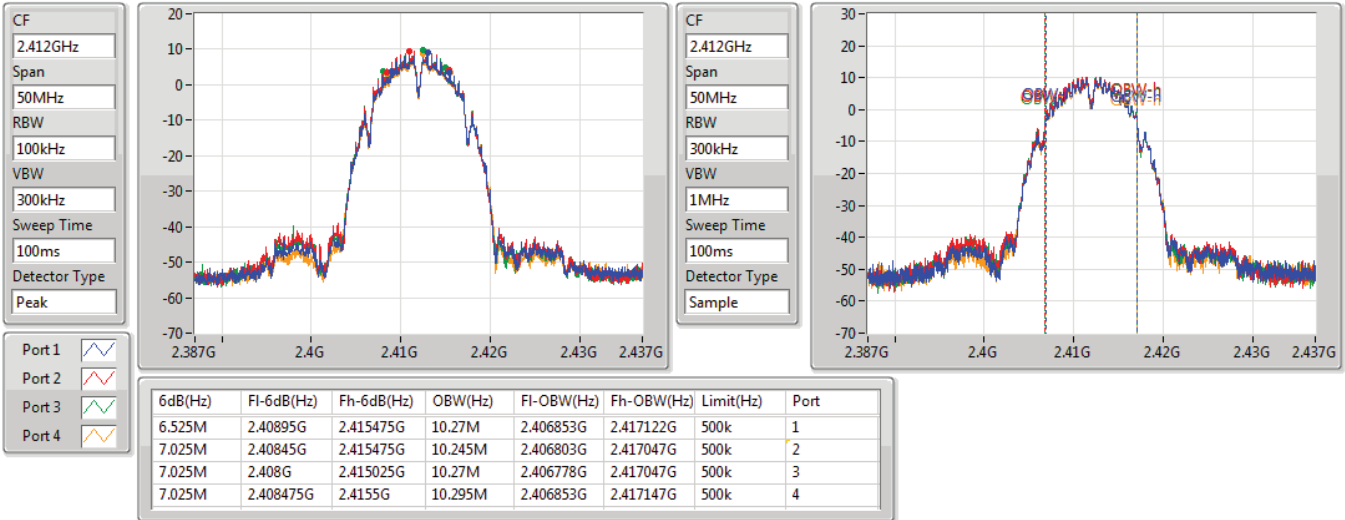
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

21/12/2021

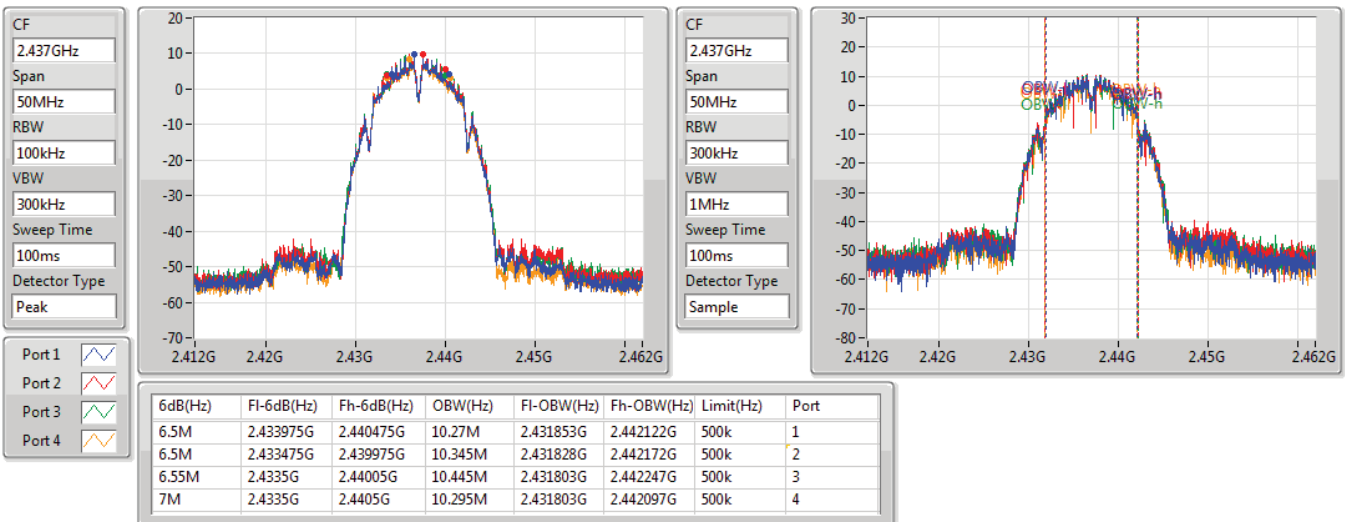


802.11b_Nss1,(1Mbps)_4TX

EBW

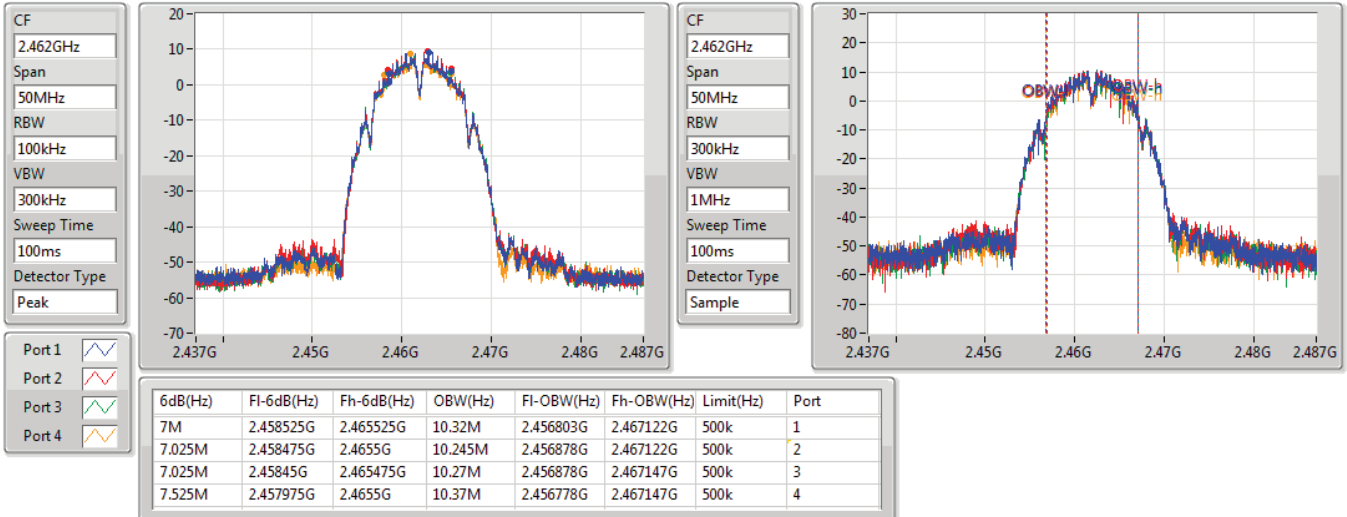
2437MHz

21/12/2021

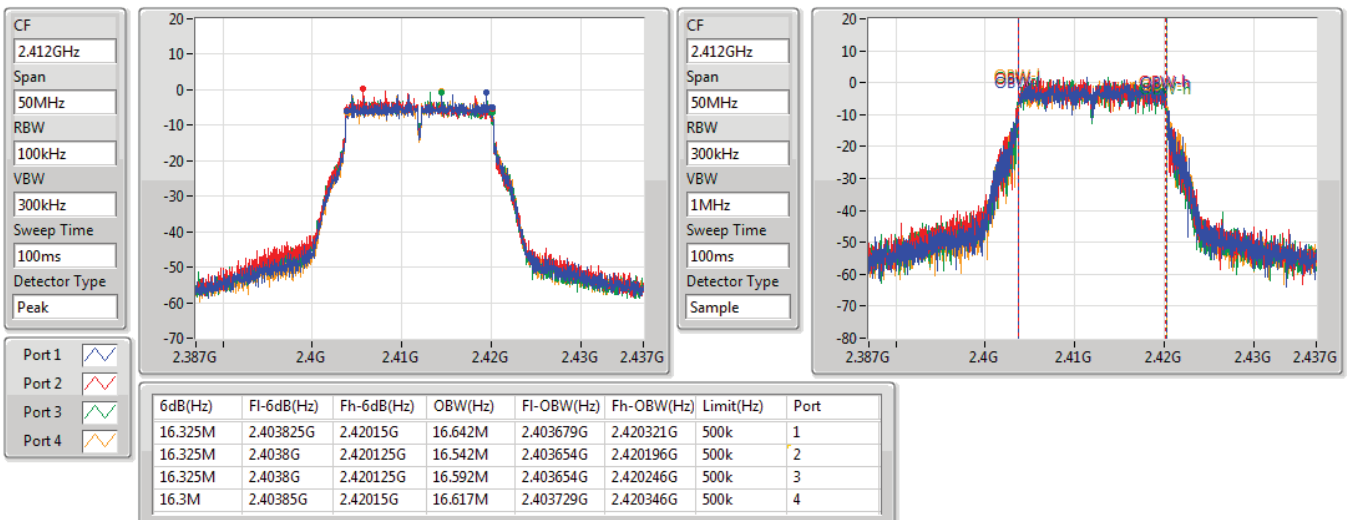


802.11b_Nss1,(1Mbps)_4TX
EBW
2462MHz

21/12/2021


802.11g_Nss1,(6Mbps)_4TX
EBW
2412MHz

21/12/2021

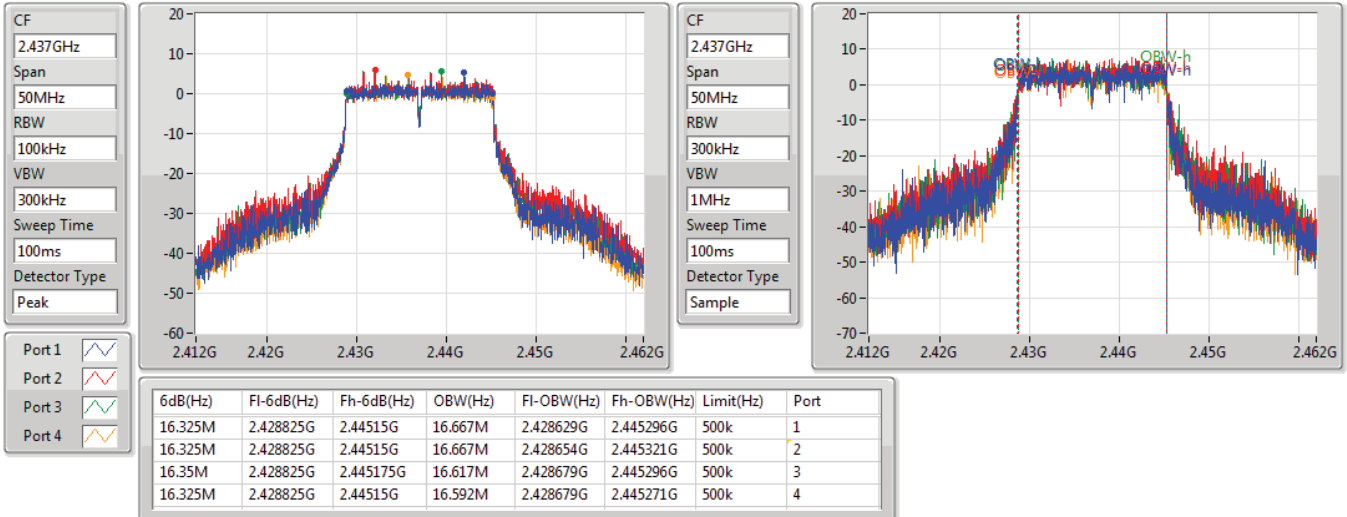


802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

21/12/2021

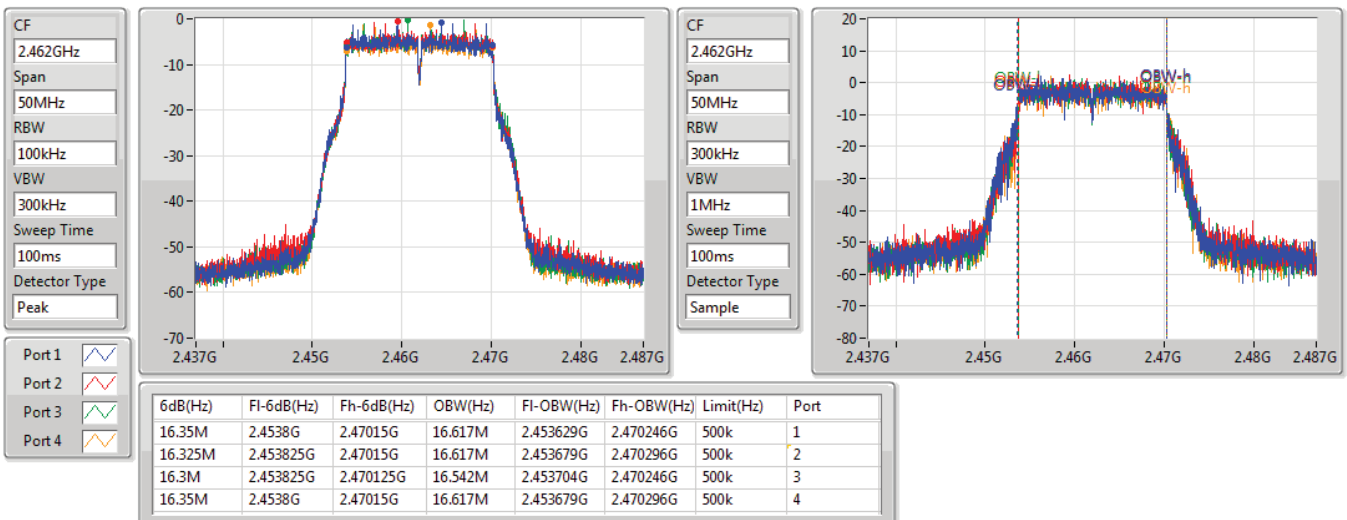


802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

21/12/2021

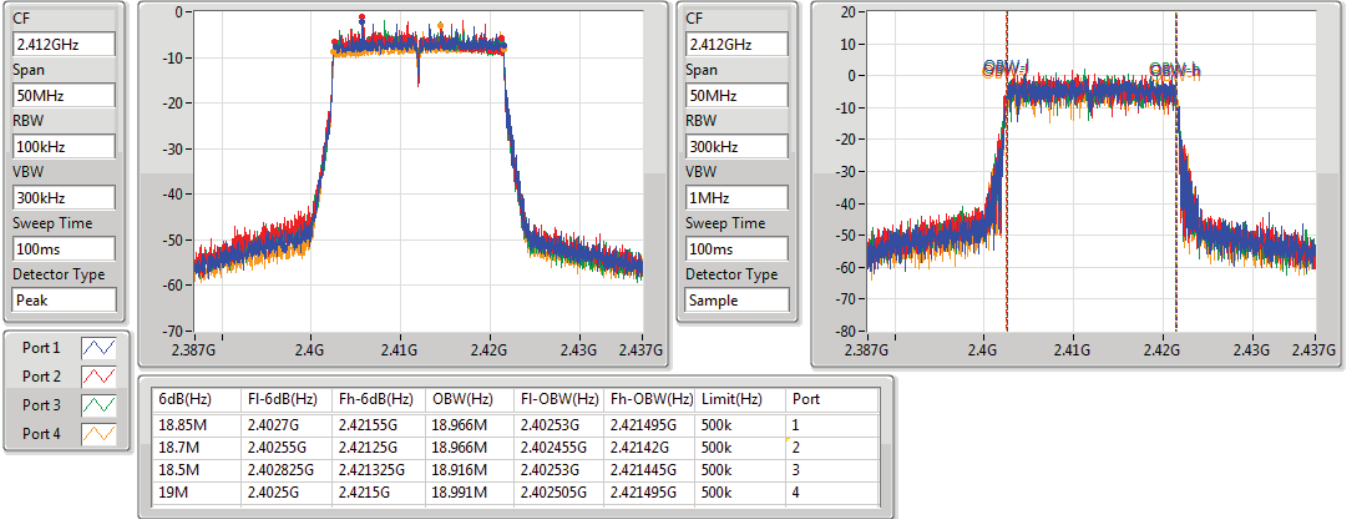


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2412MHz

21/12/2021

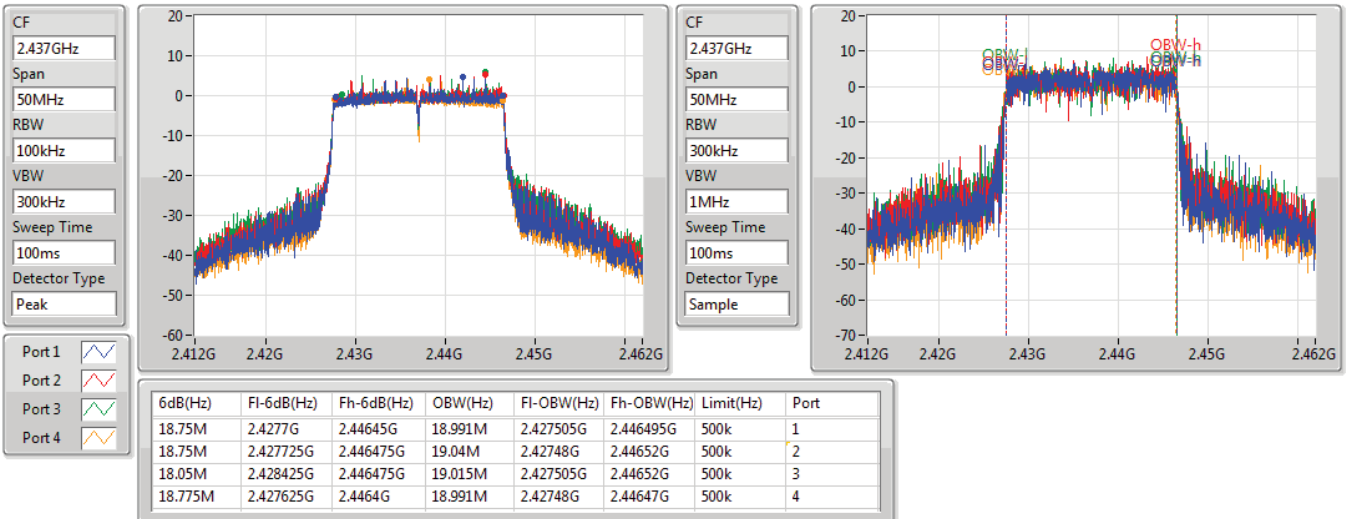


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2437MHz

21/12/2021

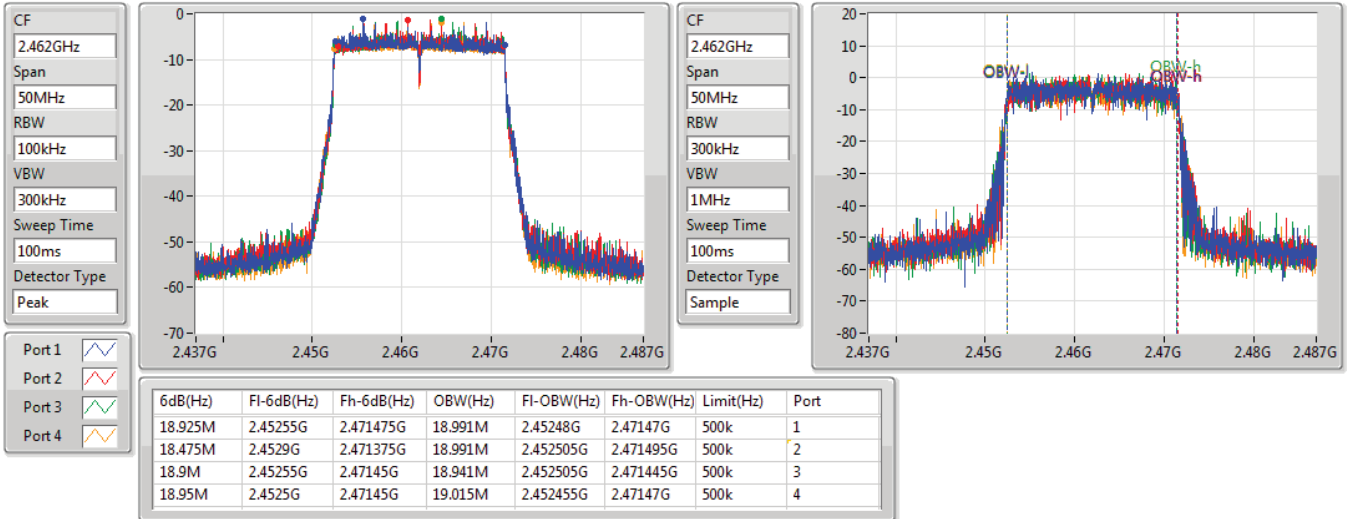


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

2462MHz

21/12/2021

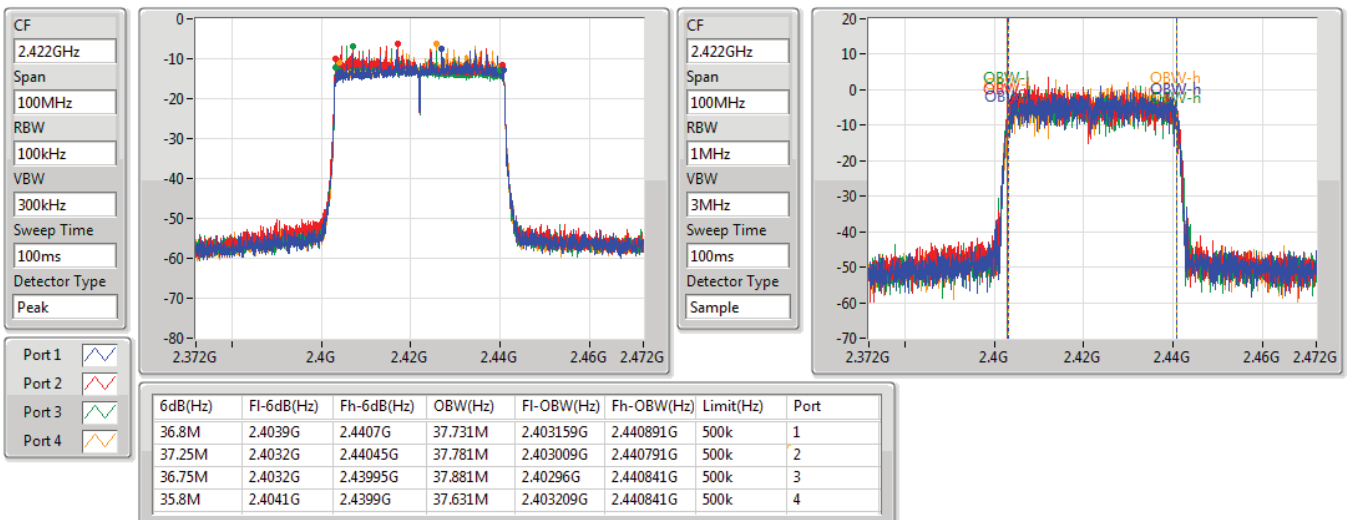


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2422MHz

21/12/2021

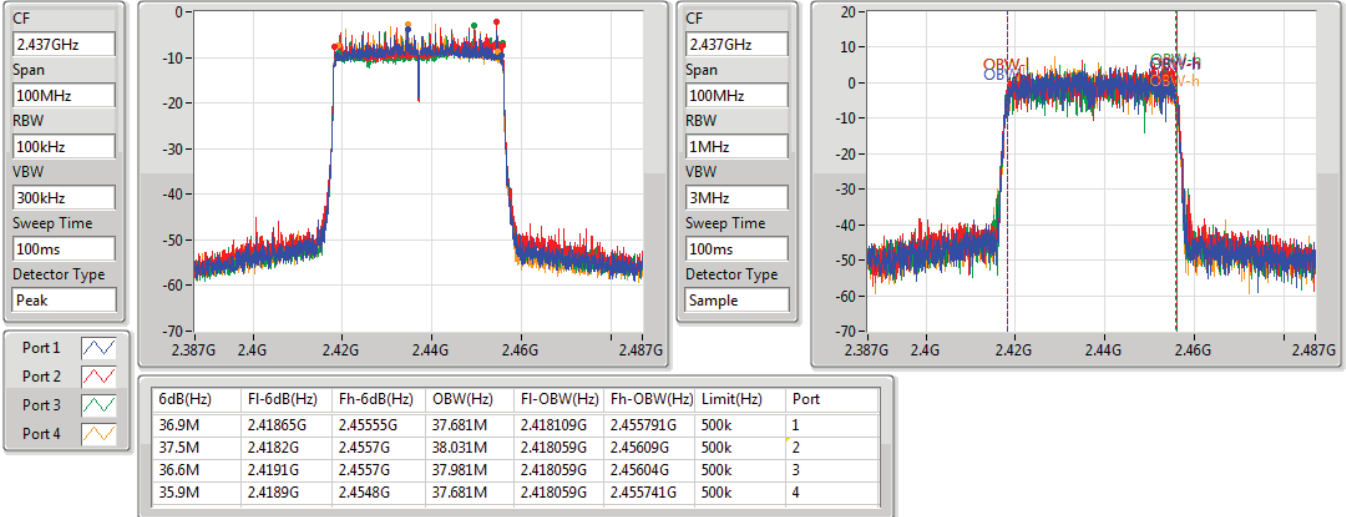


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2437MHz

21/12/2021

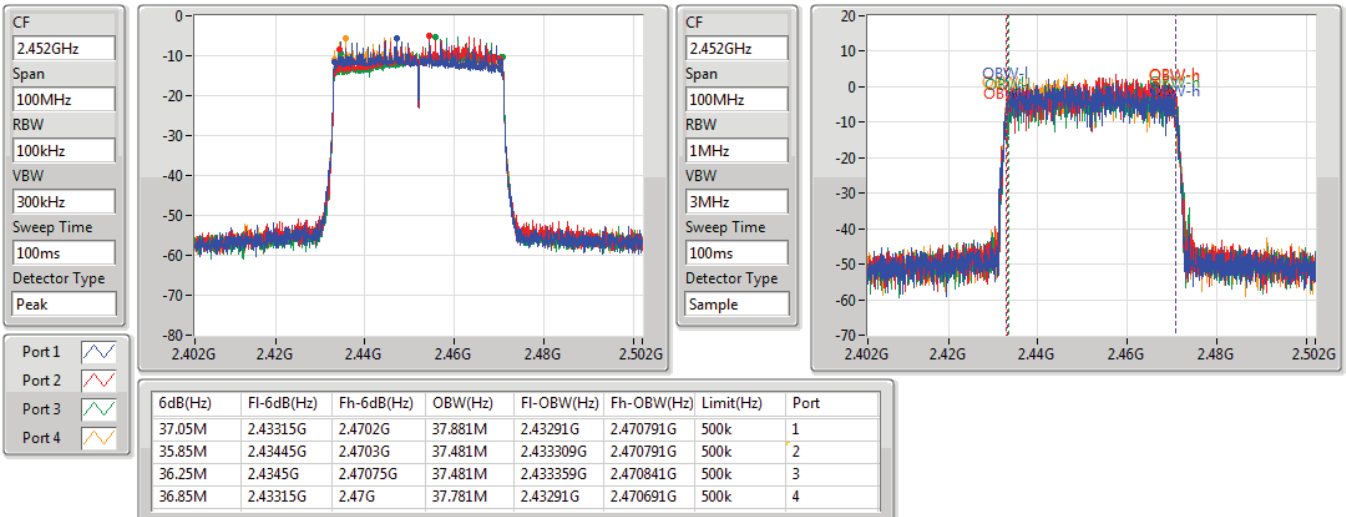


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

2452MHz

21/12/2021





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.95M	19.015M	19M0D1D	10M	18.841M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.05M	38.231M	38M2D1D	28.35M	37.381M

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



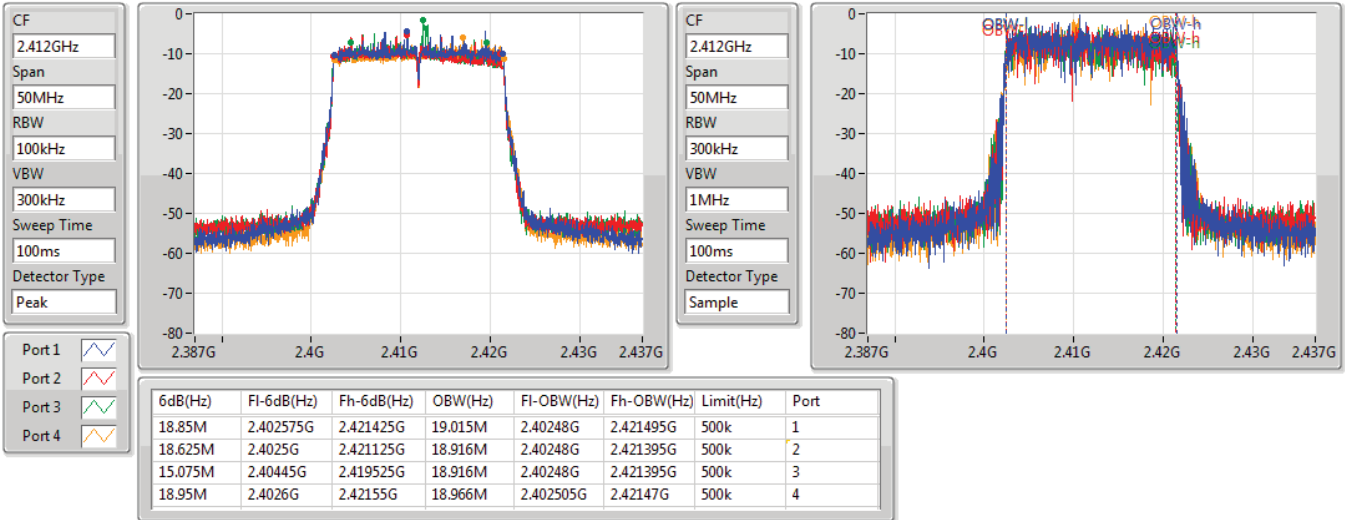
Result

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.85M	19.015M	18.625M	18.916M	15.075M	18.916M	18.95M	18.966M
2437MHz	Pass	500k	12.5M	18.941M	15.7M	19.015M	10M	18.966M	10.05M	18.966M
2462MHz	Pass	500k	15.425M	18.991M	13.725M	18.841M	13.775M	18.966M	18.85M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.2M	37.731M	36.4M	37.731M	36.5M	37.831M	37.25M	37.431M
2437MHz	Pass	500k	28.35M	37.431M	37.1M	38.181M	38.05M	38.231M	36.05M	37.481M
2452MHz	Pass	500k	37.25M	37.581M	36.25M	37.381M	33.85M	37.631M	36.6M	37.781M

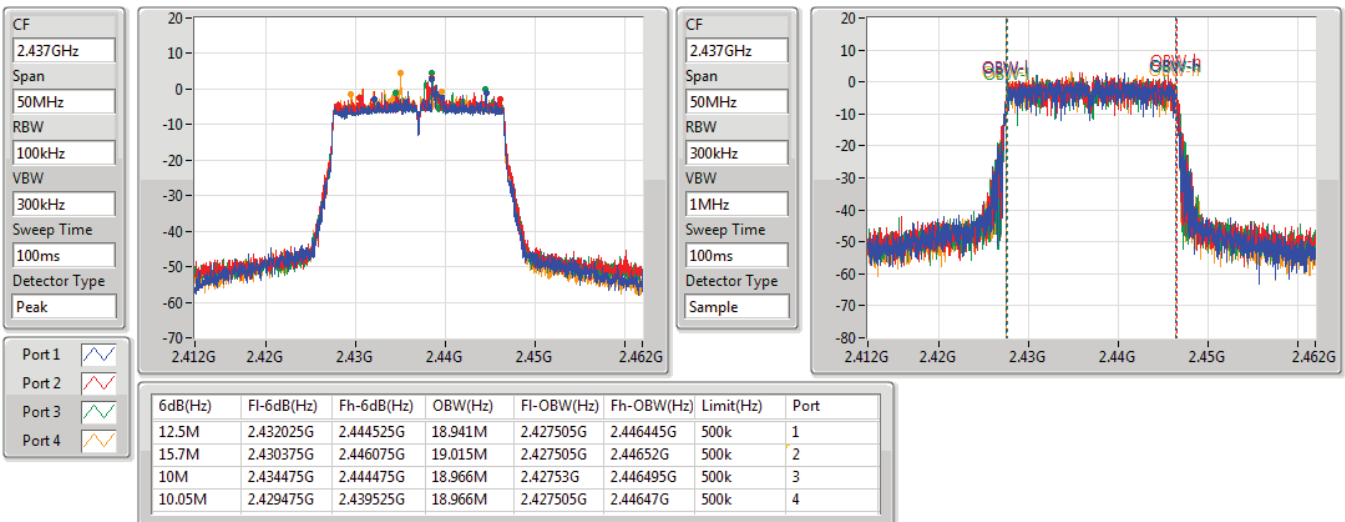
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
2412MHz

24/12/2021


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
2437MHz

24/12/2021

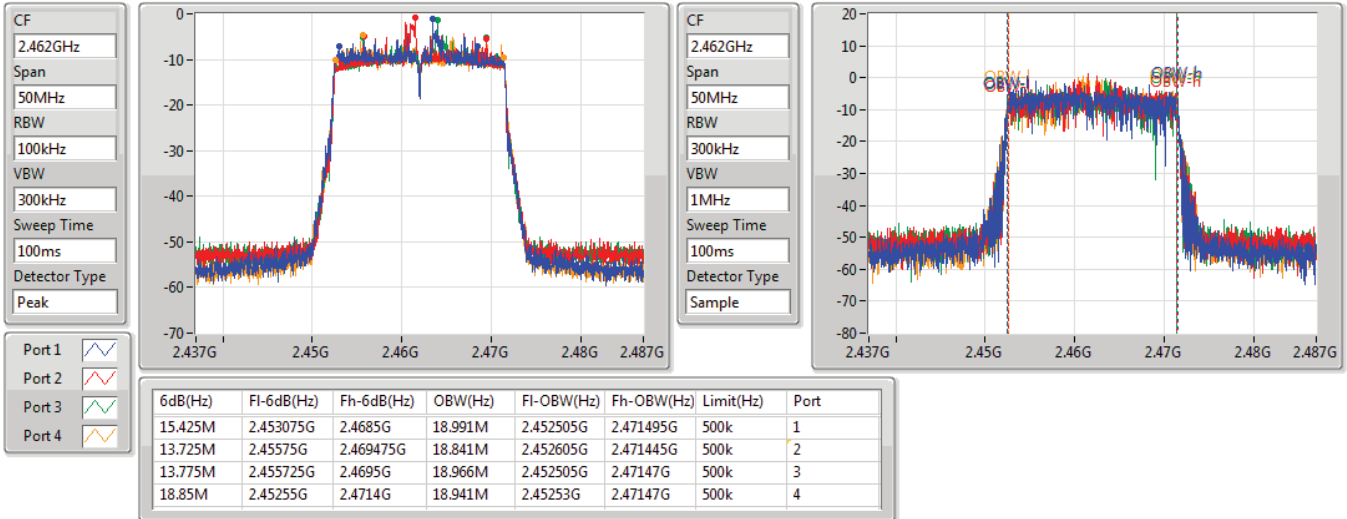


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

2462MHz

24/12/2021

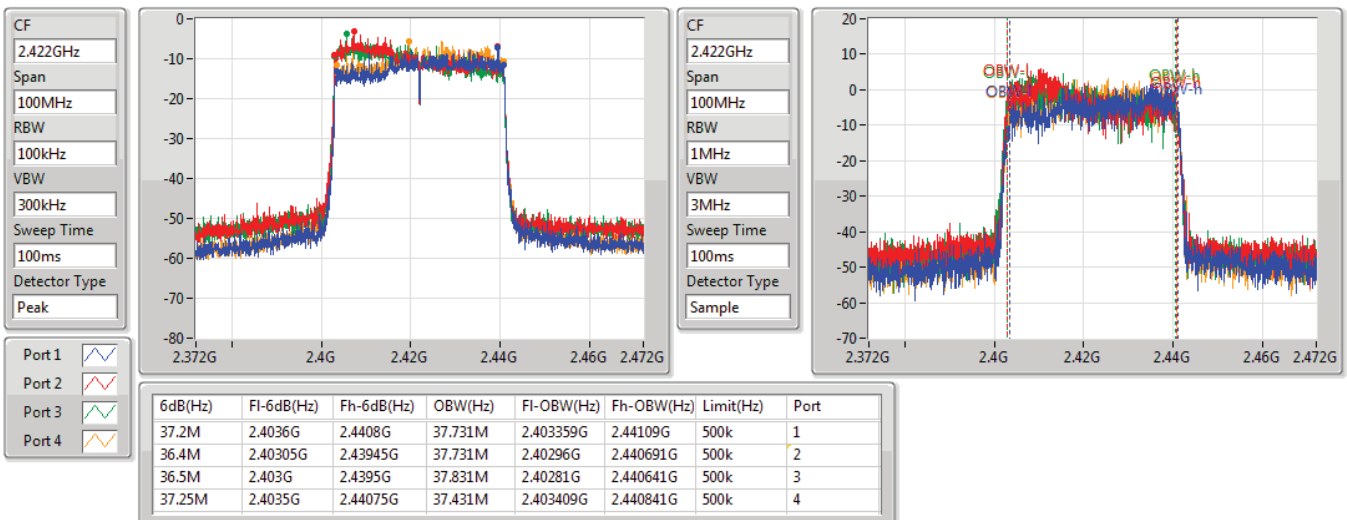


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2422MHz

24/12/2021

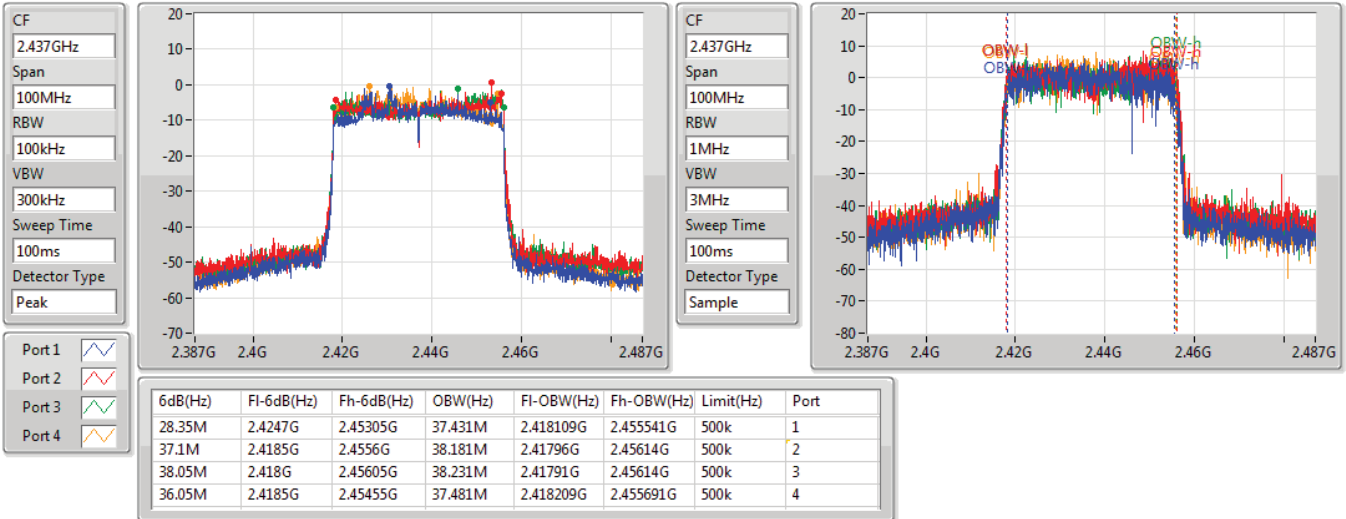


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2437MHz

24/12/2021

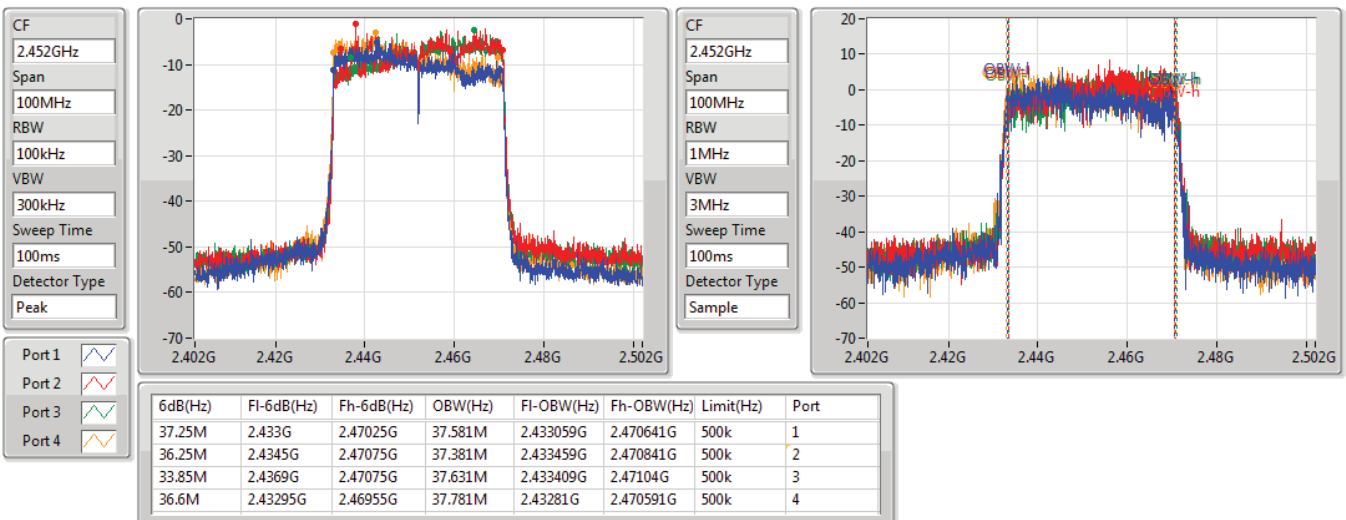


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

2452MHz

24/12/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	23.40	0.21878
802.11g_Nss1,(6Mbps)_4TX	23.19	0.20845
802.11ax HEW20_Nss1,(MCS0)_4TX	22.67	0.18493
802.11ax HEW40_Nss1,(MCS0)_4TX	17.53	0.05662



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.00	16.77	17.49	17.61	16.45	23.13	24.00
2417MHz	Pass	12.00	17.00	17.76	17.52	16.70	23.29	24.00
2422MHz	Pass	12.00	17.11	17.65	17.53	16.36	23.21	24.00
2427MHz	Pass	12.00	17.19	17.54	17.83	16.71	23.36	24.00
2432MHz	Pass	12.00	17.30	17.58	17.70	16.64	23.34	24.00
2437MHz	Pass	12.00	17.18	17.51	17.68	16.73	23.31	24.00
2442MHz	Pass	12.00	17.19	17.42	17.79	17.08	23.40	24.00
2447MHz	Pass	12.00	17.33	17.69	17.52	16.46	23.30	24.00
2452MHz	Pass	12.00	17.24	17.64	17.44	17.02	23.36	24.00
2457MHz	Pass	12.00	17.04	17.83	17.64	16.73	23.35	24.00
2462MHz	Pass	12.00	17.18	17.82	17.61	16.65	23.36	24.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.00	11.14	11.56	11.47	10.91	17.30	24.00
2417MHz	Pass	12.00	12.48	13.40	13.13	12.16	18.84	24.00
2422MHz	Pass	12.00	14.67	15.05	15.22	14.31	20.85	24.00
2427MHz	Pass	12.00	14.88	16.47	16.78	15.81	22.06	24.00
2432MHz	Pass	12.00	16.85	17.52	17.31	16.72	23.13	24.00
2437MHz	Pass	12.00	17.08	17.59	17.28	16.53	23.16	24.00
2442MHz	Pass	12.00	17.08	17.29	17.60	16.67	23.19	24.00
2447MHz	Pass	12.00	14.55	14.84	14.87	14.12	20.63	24.00
2452MHz	Pass	12.00	14.69	15.10	15.04	14.55	20.87	24.00
2457MHz	Pass	12.00	12.45	13.20	13.25	12.80	18.96	24.00
2462MHz	Pass	12.00	11.15	11.69	11.40	10.67	17.26	24.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.00	10.01	10.46	10.38	9.30	16.08	24.00
2417MHz	Pass	12.00	12.30	12.72	12.33	12.03	18.37	24.00
2422MHz	Pass	12.00	13.77	14.72	14.17	13.82	20.16	24.00
2427MHz	Pass	12.00	14.67	15.03	15.02	14.46	20.82	24.00
2432MHz	Pass	12.00	16.59	16.81	16.91	16.15	22.65	24.00
2437MHz	Pass	12.00	16.33	16.74	16.99	15.93	22.54	24.00
2442MHz	Pass	12.00	16.60	16.82	16.89	16.25	22.67	24.00
2447MHz	Pass	12.00	14.14	14.62	14.79	13.79	20.37	24.00
2452MHz	Pass	12.00	13.74	14.34	14.31	13.51	20.01	24.00
2457MHz	Pass	12.00	11.94	12.72	12.35	11.67	18.21	24.00
2462MHz	Pass	12.00	10.57	10.74	10.77	10.32	16.62	24.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	12.00	7.36	8.25	7.56	8.08	13.85	24.00
2427MHz	Pass	12.00	7.60	8.41	7.75	8.31	14.05	24.00
2432MHz	Pass	12.00	9.78	10.20	9.83	10.31	16.06	24.00
2437MHz	Pass	12.00	11.33	11.68	11.25	11.76	17.53	24.00
2442MHz	Pass	12.00	11.18	11.61	10.84	11.49	17.31	24.00
2447MHz	Pass	12.00	9.79	10.47	9.76	10.33	16.12	24.00
2452MHz	Pass	12.00	8.56	9.37	8.96	9.31	15.08	24.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.12	0.05152
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.42	0.05521

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	18.02	6.85	6.41	5.90	6.69	12.50	17.98
2417MHz	Pass	18.02	7.55	6.84	7.27	7.16	13.23	17.98
2422MHz	Pass	18.02	8.66	9.28	8.37	8.51	14.74	17.98
2427MHz	Pass	18.02	8.83	10.01	9.39	9.59	15.50	17.98
2432MHz	Pass	18.02	9.52	10.55	9.84	10.03	16.02	17.98
2437MHz	Pass	18.02	10.73	11.01	10.98	11.62	17.12	17.98
2442MHz	Pass	18.02	9.01	9.74	10.05	10.20	15.79	17.98
2447MHz	Pass	18.02	9.08	10.10	9.15	11.17	15.98	17.98
2452MHz	Pass	18.02	7.21	8.43	7.03	7.63	13.63	17.98
2457MHz	Pass	18.02	8.29	8.44	7.15	7.26	13.84	17.98
2462MHz	Pass	18.02	6.97	5.65	6.43	6.44	12.42	17.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	18.02	7.48	6.63	7.65	8.09	13.51	17.98
2427MHz	Pass	18.02	8.10	9.54	8.69	8.69	14.81	17.98
2432MHz	Pass	18.02	9.28	9.15	9.68	10.41	15.68	17.98
2437MHz	Pass	18.02	10.47	10.96	12.25	11.69	17.42	17.98
2442MHz	Pass	18.02	10.74	12.17	10.74	11.54	17.36	17.98
2447MHz	Pass	18.02	9.93	11.11	9.74	10.34	16.33	17.98
2452MHz	Pass	18.02	9.09	9.68	10.59	10.85	16.13	17.98

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-7.13
802.11g_Nss1,(6Mbps)_4TX	-7.71
802.11ax HEW20_Nss1,(MCS0)_4TX	-8.40
802.11ax HEW40_Nss1,(MCS0)_4TX	-12.83

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	18.02	-13.57	-12.55	-12.94	-13.84	-7.46	-4.02
2437MHz	Pass	18.02	-12.94	-12.64	-12.71	-13.24	-7.52	-4.02
2462MHz	Pass	18.02	-13.17	-12.39	-12.40	-13.67	-7.13	-4.02
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	18.02	-13.48	-13.94	-14.48	-14.36	-8.38	-4.02
2437MHz	Pass	18.02	-13.64	-13.73	-13.31	-14.30	-7.71	-4.02
2462MHz	Pass	18.02	-14.86	-14.33	-14.24	-15.37	-9.64	-4.02
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	18.02	-15.38	-13.86	-13.78	-16.20	-8.67	-4.02
2437MHz	Pass	18.02	-14.86	-14.49	-14.50	-13.55	-8.53	-4.02
2462MHz	Pass	18.02	-13.64	-15.18	-14.29	-14.45	-8.40	-4.02
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	18.02	-22.62	-20.54	-21.32	-21.86	-15.89	-4.02
2437MHz	Pass	18.02	-18.80	-17.99	-18.69	-17.13	-12.83	-4.02
2452MHz	Pass	18.02	-19.83	-19.71	-20.40	-19.30	-13.77	-4.02

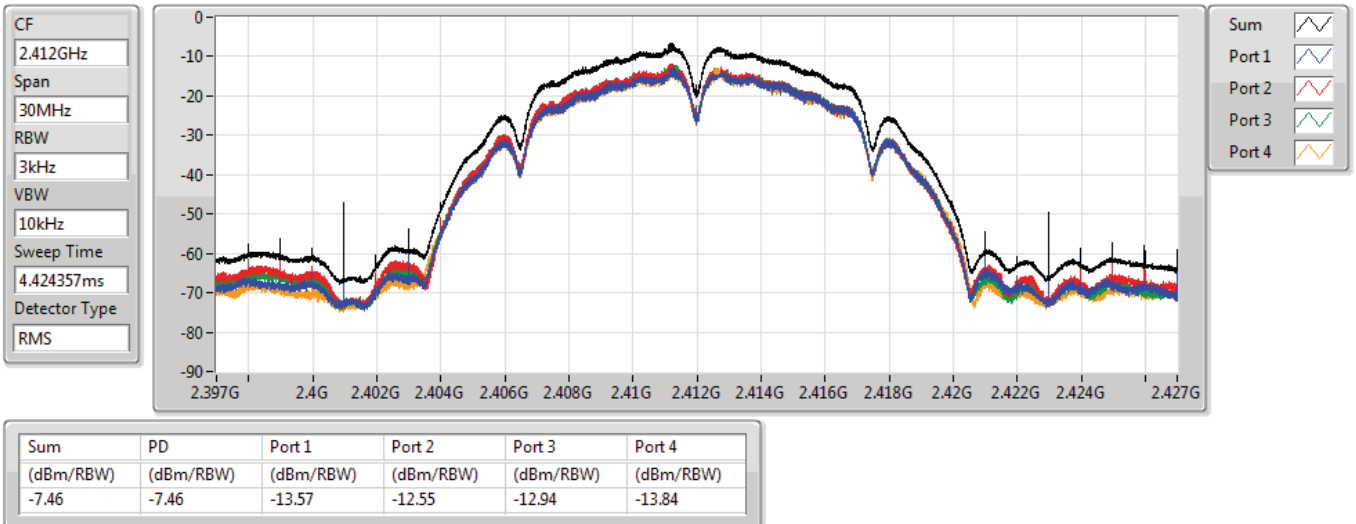
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

21/12/2021

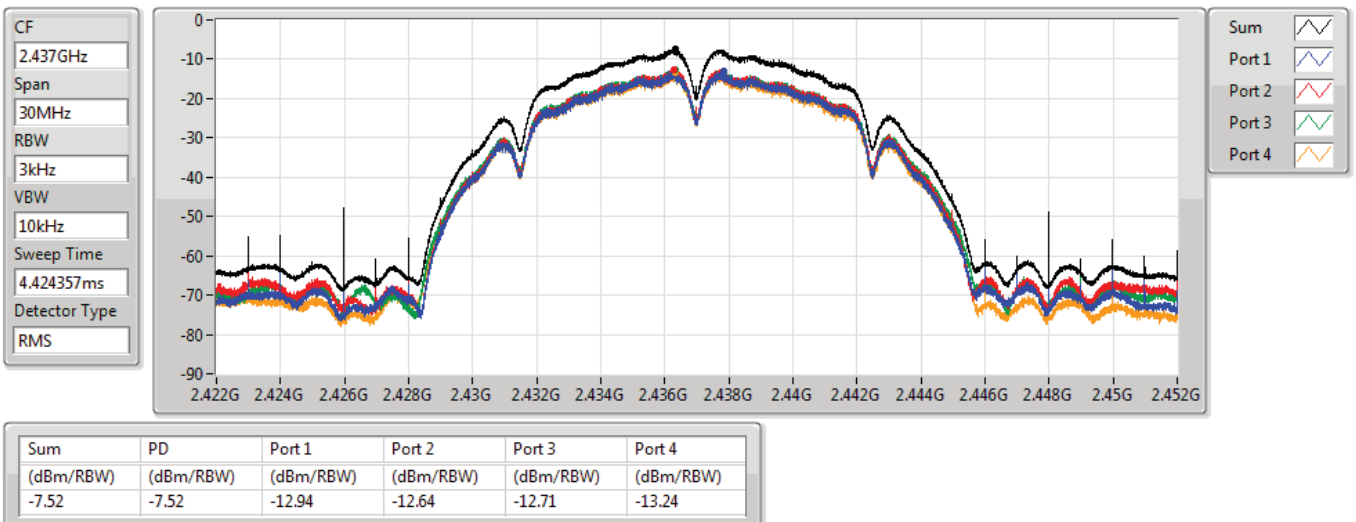


802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

21/12/2021

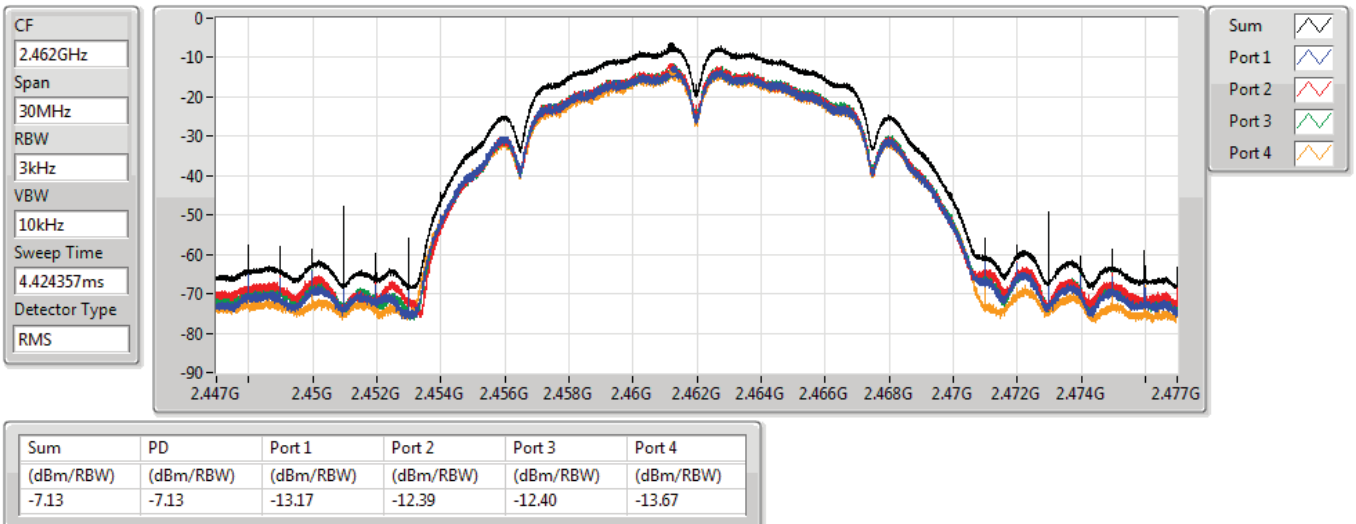


802.11b_Nss1,(1Mbps)_4TX

2462MHz

PSD

21/12/2021

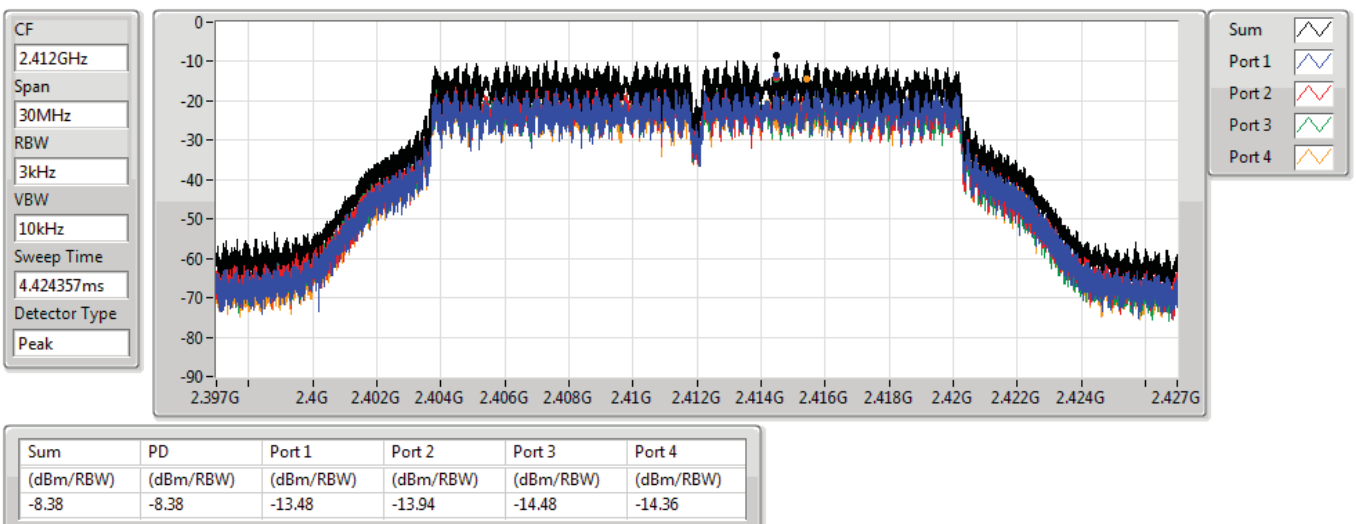


802.11g_Nss1,(6Mbps)_4TX

2412MHz

PSD

21/12/2021

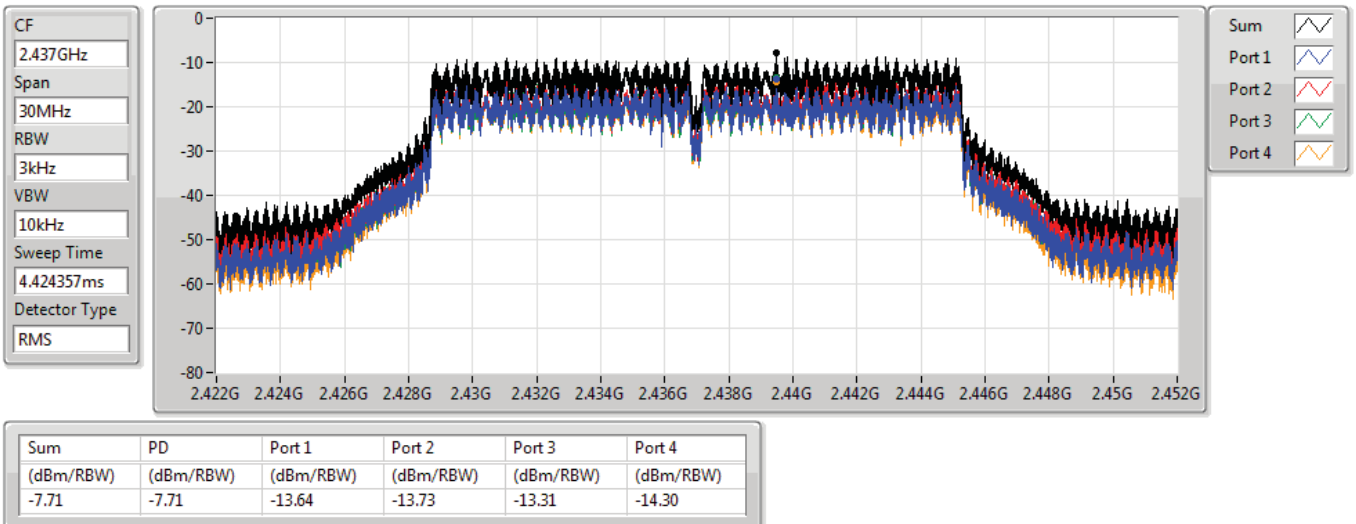


802.11g_Nss1,(6Mbps)_4TX

2437MHz

PSD

21/12/2021

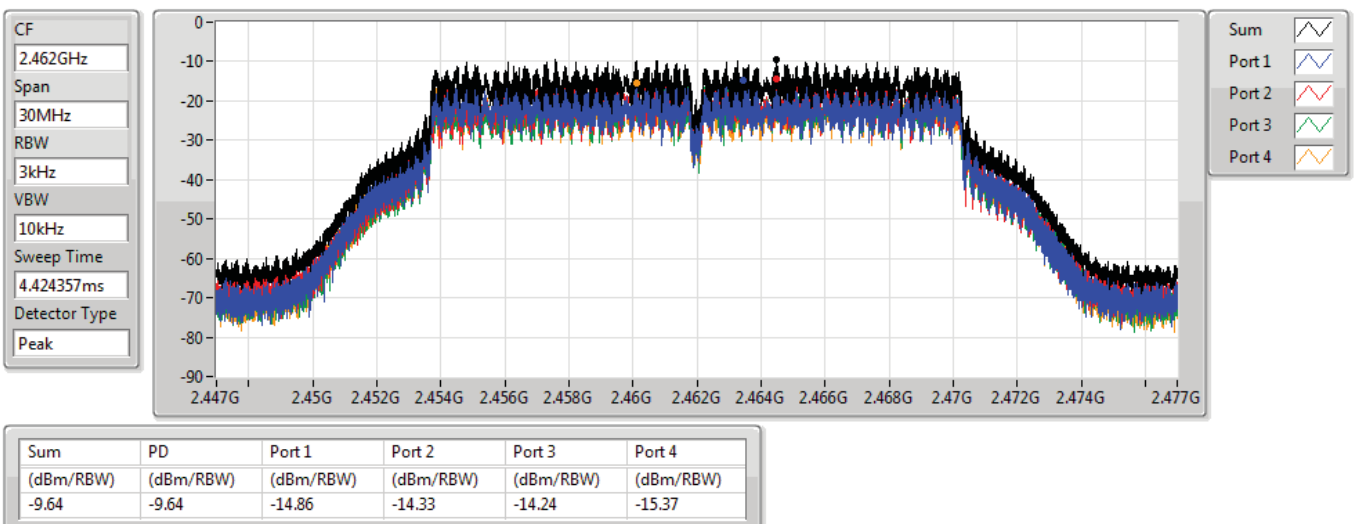


802.11g_Nss1,(6Mbps)_4TX

2462MHz

PSD

21/12/2021

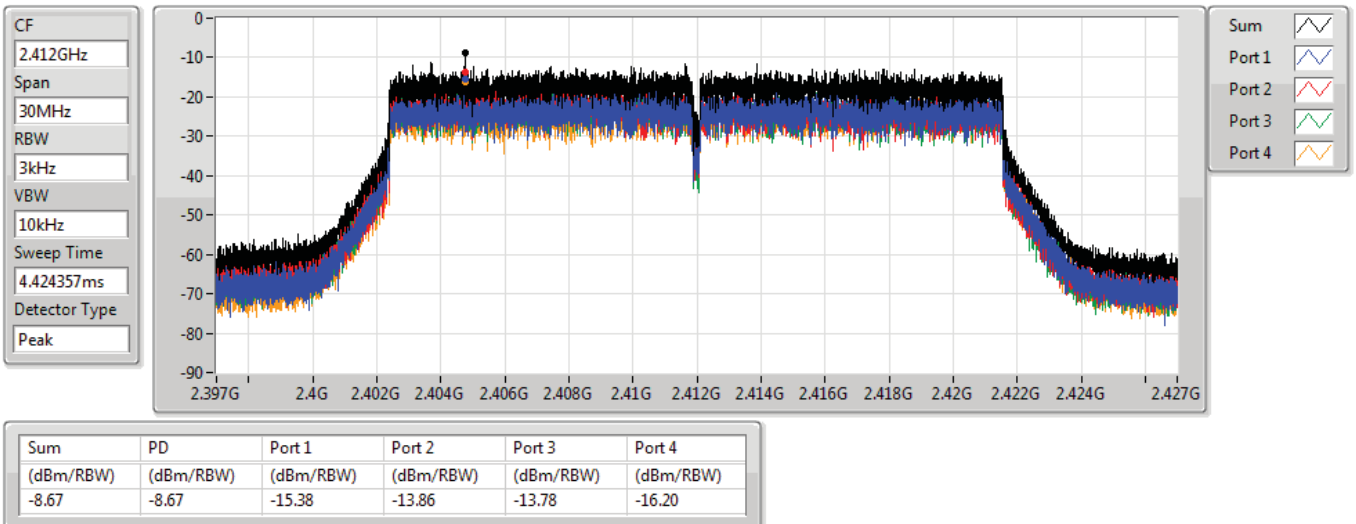


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

21/12/2021

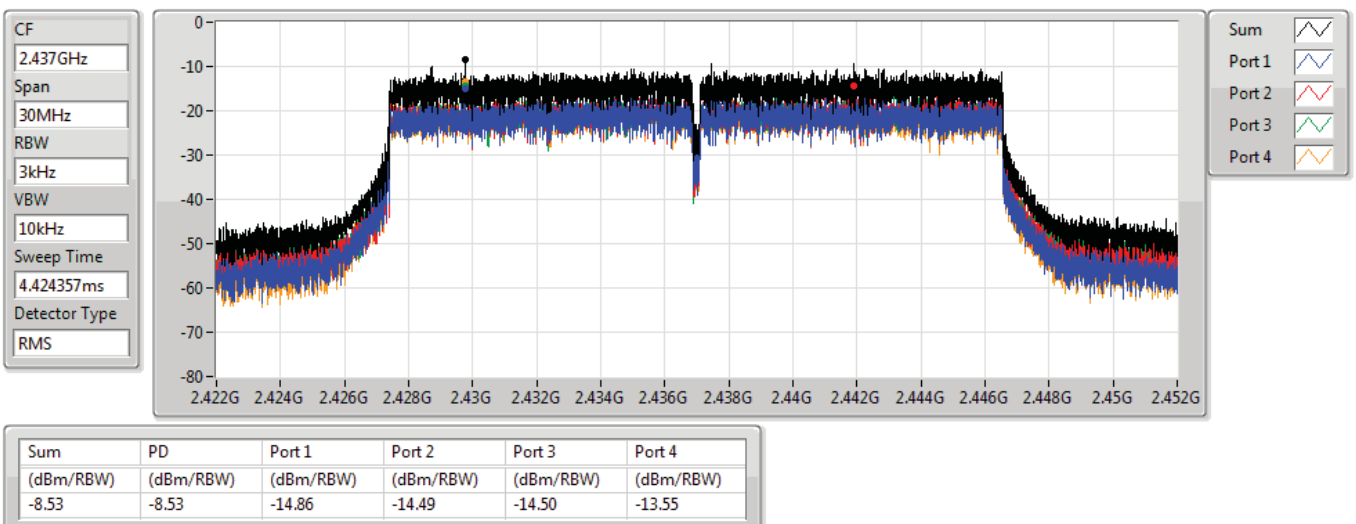


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

21/12/2021



802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

21/12/2021

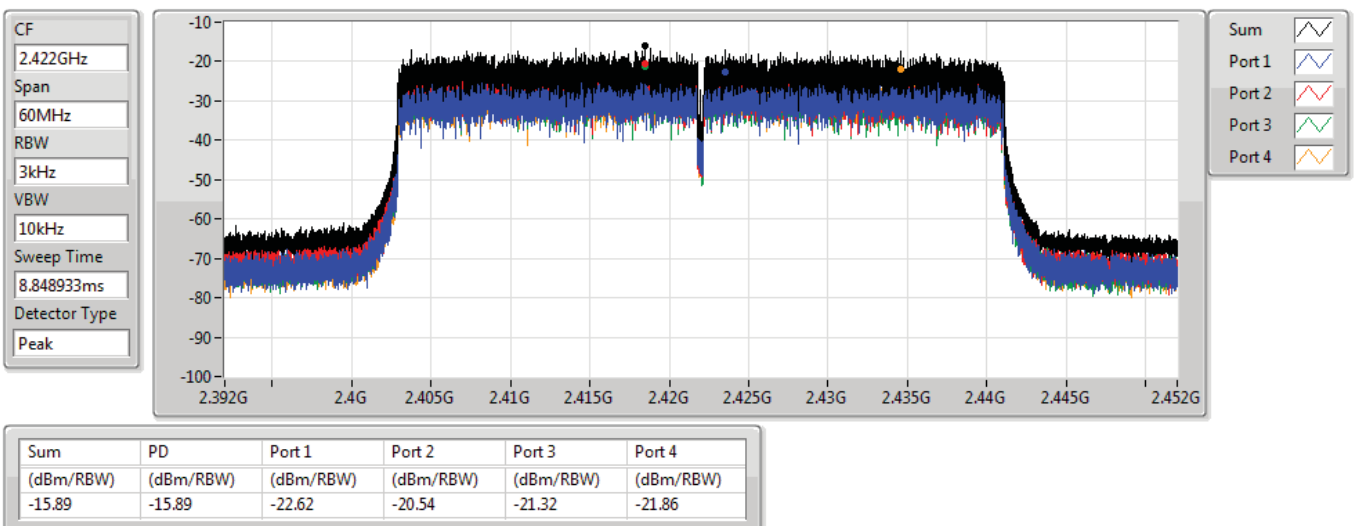


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2422MHz

21/12/2021

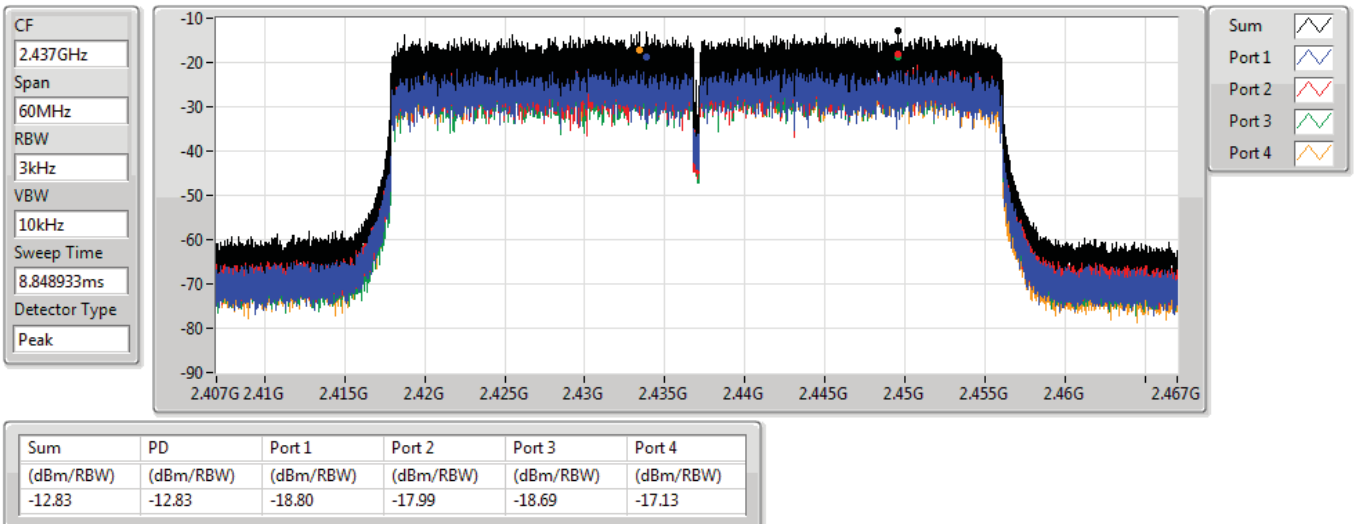


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2437MHz

21/12/2021

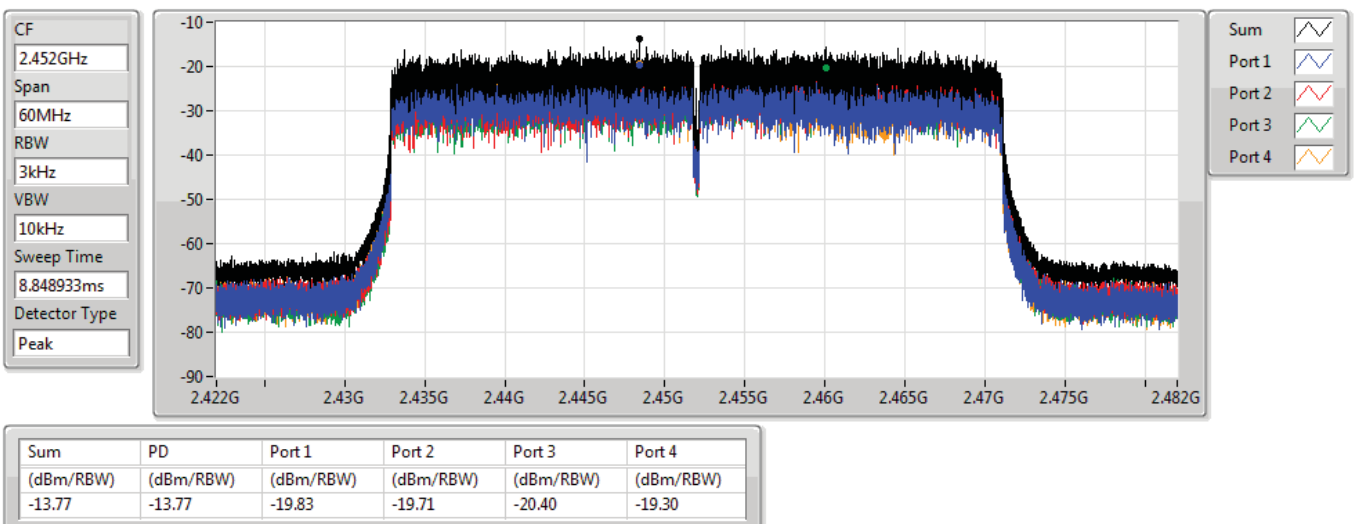


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

2452MHz

21/12/2021





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-9.45
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-9.35

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	18.02	-18.80	-19.78	-18.98	-19.72	-14.68	-4.02
2437MHz	Pass	18.02	-12.95	-13.76	-11.91	-12.63	-9.45	-4.02
2462MHz	Pass	18.02	-19.14	-19.27	-18.16	-16.08	-13.45	-4.02
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	18.02	-19.80	-15.21	-16.59	-15.78	-12.85	-4.02
2437MHz	Pass	18.02	-16.36	-13.76	-13.26	-14.84	-9.35	-4.02
2452MHz	Pass	18.02	-14.46	-14.38	-14.18	-15.47	-10.68	-4.02

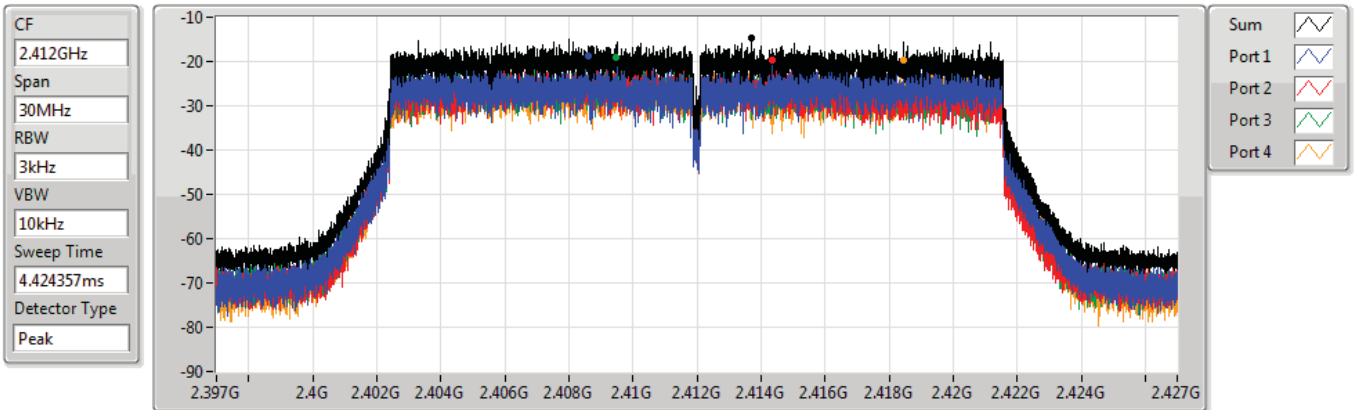
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2412MHz

24/12/2021



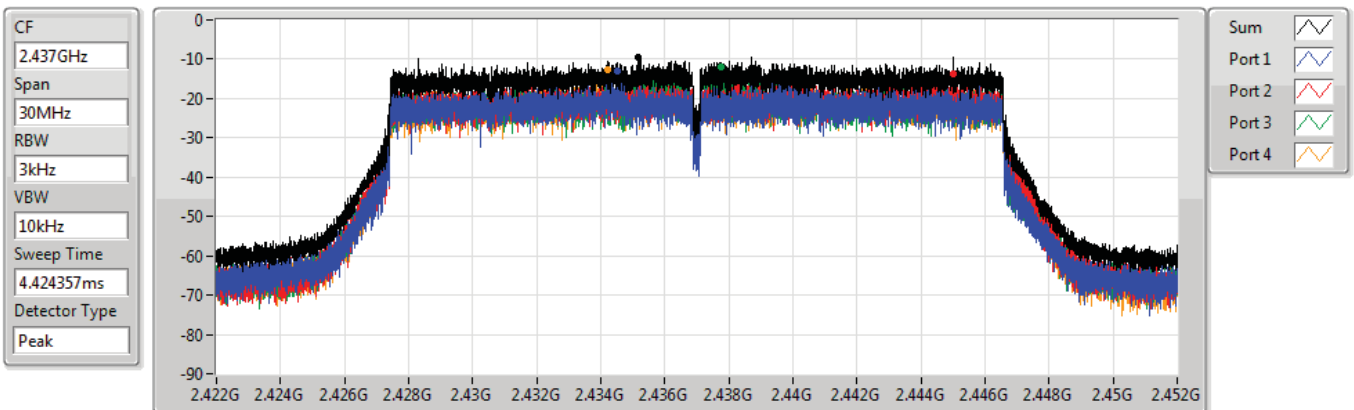
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.68	-14.68	-18.80	-19.78	-18.98	-19.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

24/12/2021



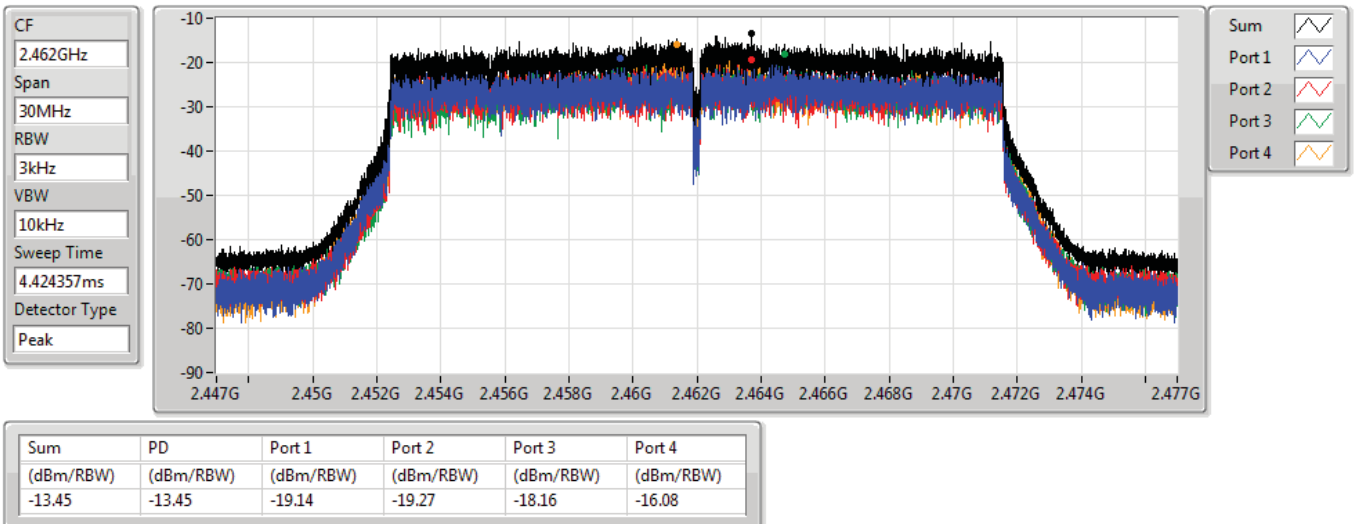
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.45	-9.45	-12.95	-13.76	-11.91	-12.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

2462MHz

24/12/2021

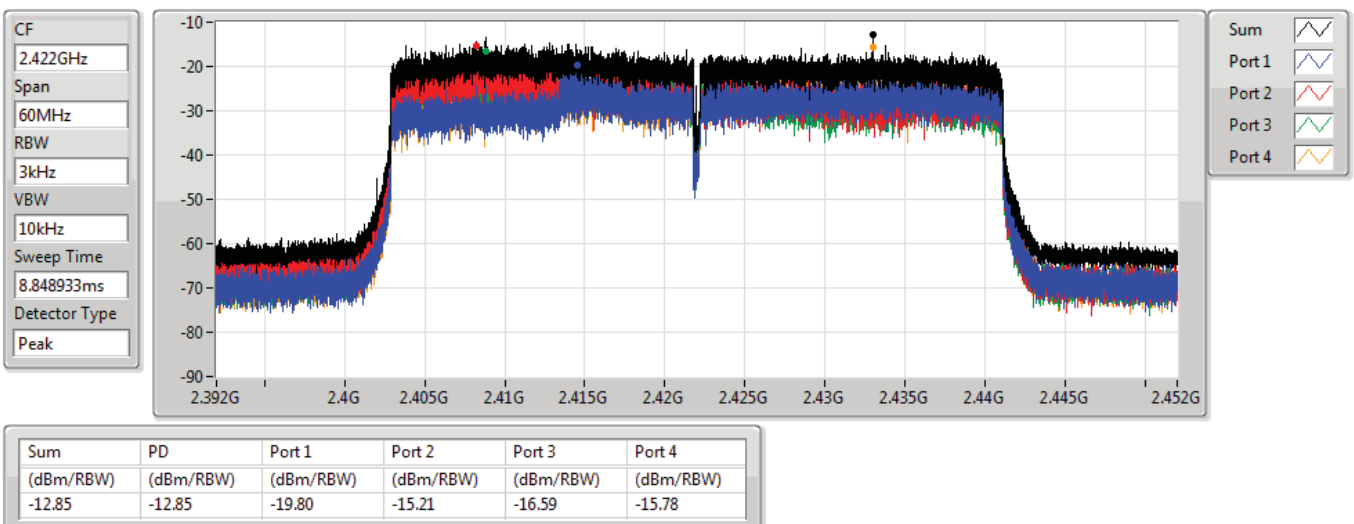


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2422MHz

24/12/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2437MHz

24/12/2021

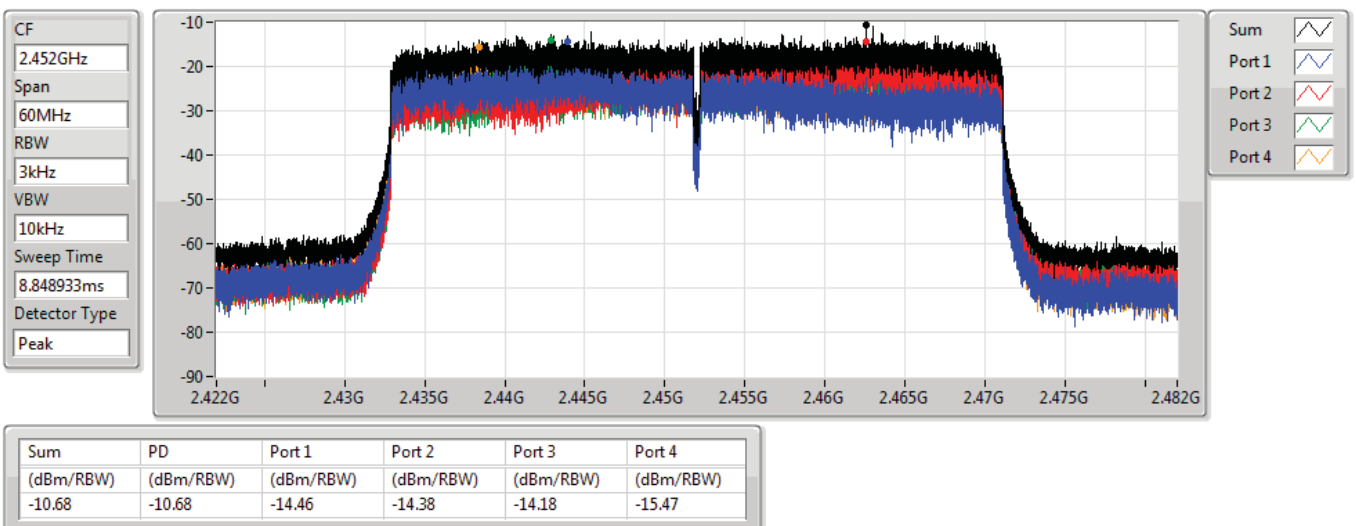


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

2452MHz

24/12/2021



**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	2.4615G	10.46	-19.54	778.8M	-54.58	2.398G	-40.55	2.4G	-42.24	2.49124G	-51.81	17.62771G	-42.77	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44196G	6.31	-23.69	758.13M	-54.07	2.39986G	-40.71	2.4G	-41.78	2.50964G	-53.01	16.3325G	-42.29	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.442G	5.59	-24.41	1.95196G	-54.57	2.3997G	-42.46	2.4G	-43.63	2.4855G	-51.93	15.20587G	-41.74	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.45198G	-1.69	-31.69	2.12621G	-54.56	2.39952G	-45.18	2.4G	-49.62	2.4837G	-50.74	17.59035G	-42.35	2



Result

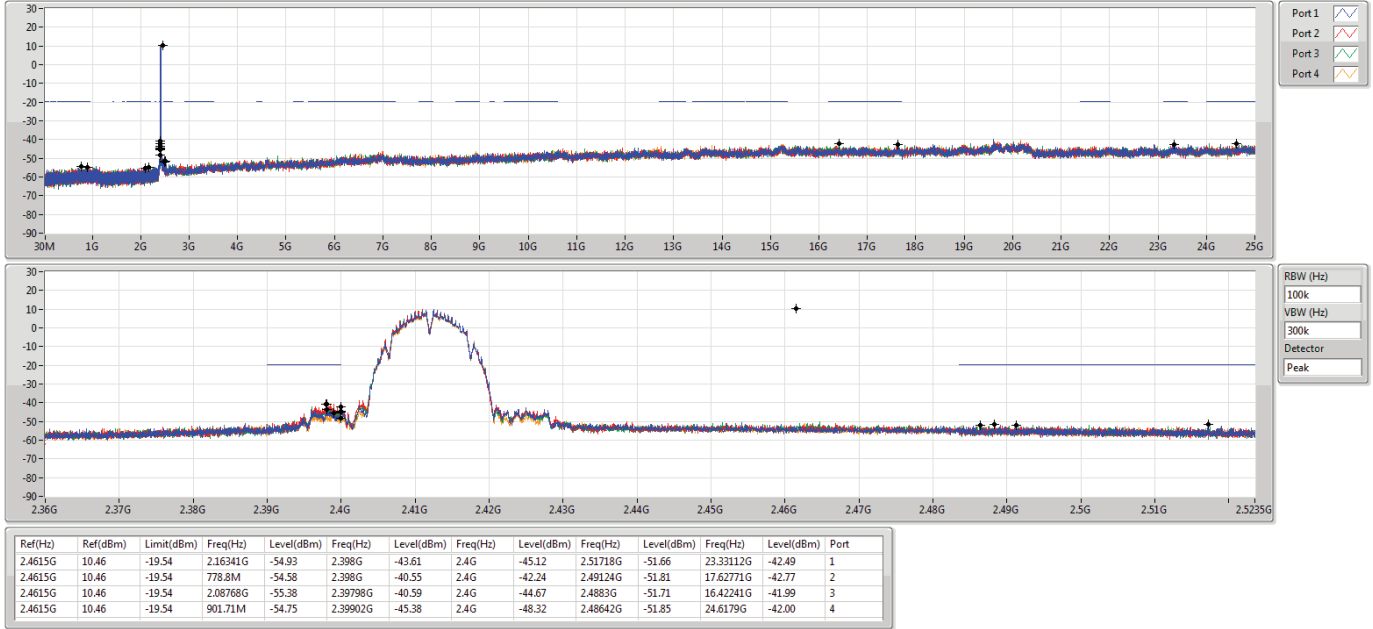
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4615G	10.46	-19.54	2.16341G	-54.93	2.398G	-43.61	2.4G	-45.12	2.51718G	-51.66	23.33112G	-42.49	1
2412MHz	Pass	2.4615G	10.46	-19.54	778.8M	-54.58	2.398G	-40.55	2.4G	-42.24	2.49124G	-51.81	17.62771G	-42.77	2
2412MHz	Pass	2.4615G	10.46	-19.54	2.08768G	-55.38	2.39798G	-40.59	2.4G	-44.67	2.4883G	-51.71	16.42241G	-41.99	3
2412MHz	Pass	2.4615G	10.46	-19.54	901.71M	-54.75	2.39902G	-45.38	2.4G	-48.32	2.48642G	-51.85	24.6179G	-42.00	4
2437MHz	Pass	2.4615G	10.46	-19.54	652.11M	-55.27	2.3909G	-51.90	2.4G	-54.53	2.49294G	-52.03	15.26206G	-42.47	1
2437MHz	Pass	2.4615G	10.46	-19.54	728.42M	-54.59	2.4G	-51.58	2.4G	-51.89	2.48856G	-51.21	15.27049G	-42.37	2
2437MHz	Pass	2.4615G	10.46	-19.54	861.81M	-54.80	2.39912G	-51.81	2.4835G	-52.86	2.49292G	-49.49	15.22272G	-42.03	3
2437MHz	Pass	2.4615G	10.46	-19.54	300.57M	-55.42	2.39228G	-51.98	2.4G	-55.33	2.48926G	-51.97	24.7949G	-42.87	4
2462MHz	Pass	2.4615G	10.46	-19.54	756.96M	-54.68	2.39568G	-52.82	2.4835G	-51.79	2.4863G	-50.17	23.58398G	-42.37	1
2462MHz	Pass	2.4615G	10.46	-19.54	721.72M	-54.87	2.39886G	-53.00	2.4835G	-54.47	2.48782G	-51.84	24.81457G	-42.58	2
2462MHz	Pass	2.4615G	10.46	-19.54	796.28M	-54.95	2.39068G	-53.07	2.4835G	-52.29	2.49032G	-50.97	23.3845G	-42.10	3
2462MHz	Pass	2.4615G	10.46	-19.54	847.54M	-54.91	2.39986G	-53.05	2.4835G	-53.46	2.48834G	-50.79	15.1862G	-42.72	4
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	6.31	-23.69	621.53M	-54.53	2.3998G	-44.20	2.4G	-44.17	2.49G	-52.99	24.75276G	-42.49	1
2412MHz	Pass	2.44196G	6.31	-23.69	758.13M	-54.07	2.39986G	-40.71	2.4G	-41.78	2.50964G	-53.01	16.3325G	-42.29	2
2412MHz	Pass	2.44196G	6.31	-23.69	1.64149G	-54.78	2.39986G	-43.08	2.4G	-43.53	2.48886G	-52.54	15.2761G	-42.54	3
2412MHz	Pass	2.44196G	6.31	-23.69	1.98837G	-55.05	2.39994G	-45.10	2.4G	-44.71	2.48846G	-52.12	24.68533G	-42.55	4
2437MHz	Pass	2.44196G	6.31	-23.69	937.24M	-54.37	2.39732G	-47.57	2.4G	-50.99	2.48692G	-50.93	24.78085G	-41.97	1
2437MHz	Pass	2.44196G	6.31	-23.69	934.91M	-54.99	2.39944G	-45.73	2.4G	-47.76	2.48942G	-49.24	23.59241G	-42.62	2
2437MHz	Pass	2.44196G	6.31	-23.69	2.3G	-54.03	2.39992G	-47.57	2.4G	-48.33	2.4839G	-49.65	17.59961G	-42.29	3
2437MHz	Pass	2.44196G	6.31	-23.69	772.98M	-54.55	2.39708G	-50.23	2.4G	-52.49	2.49794G	-51.73	24.7359G	-42.18	4
2462MHz	Pass	2.44196G	6.31	-23.69	743.56M	-55.25	2.39132G	-53.18	2.4835G	-55.10	2.50662G	-52.57	15.26206G	-42.31	1
2462MHz	Pass	2.44196G	6.31	-23.69	2.16224G	-54.48	2.39628G	-53.09	2.4835G	-52.64	2.4841G	-51.62	24.00822G	-42.63	2
2462MHz	Pass	2.44196G	6.31	-23.69	724.92M	-55.11	2.39246G	-54.01	2.4835G	-54.26	2.49008G	-51.87	16.90565G	-42.64	3
2462MHz	Pass	2.44196G	6.31	-23.69	800.36M	-54.40	2.39554G	-52.71	2.4G	-54.90	2.49114G	-52.38	24.705G	-42.49	4
802.11ax HEW20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	5.59	-24.41	718.22M	-54.08	2.39958G	-45.30	2.4G	-46.78	2.51166G	-52.59	24.80333G	-42.12	1
2412MHz	Pass	2.442G	5.59	-24.41	1.95196G	-54.57	2.3997G	-42.46	2.4G	-43.63	2.4855G	-51.93	15.20587G	-41.74	2
2412MHz	Pass	2.442G	5.59	-24.41	647.74M	-54.42	2.39956G	-43.53	2.4G	-45.97	2.49228G	-51.68	16.28755G	-42.51	3
2412MHz	Pass	2.442G	5.59	-24.41	892.97M	-54.07	2.39996G	-47.30	2.4G	-48.21	2.48534G	-52.50	15.23958G	-41.77	4
2437MHz	Pass	2.442G	5.59	-24.41	878.99M	-54.97	2.39962G	-47.38	2.4G	-50.68	2.49094G	-51.88	16.48422G	-42.09	1
2437MHz	Pass	2.442G	5.59	-24.41	1.98545G	-55.03	2.39922G	-46.65	2.4G	-48.09	2.4842G	-50.00	15.23396G	-42.59	2
2437MHz	Pass	2.442G	5.59	-24.41	918.31M	-55.05	2.39952G	-46.25	2.4G	-48.27	2.48464G	-49.33	16.99275G	-42.93	3
2437MHz	Pass	2.442G	5.59	-24.41	839.68M	-55.40	2.39842G	-47.80	2.4G	-51.57	2.48714G	-51.49	15.23115G	-42.58	4
2462MHz	Pass	2.442G	5.59	-24.41	903.17M	-55.00	2.39948G	-52.91	2.4835G	-55.43	2.48674G	-50.20	24.78085G	-42.57	1
2462MHz	Pass	2.442G	5.59	-24.41	2.16923G	-53.89	2.3996G	-52.61	2.4835G	-54.20	2.48466G	-49.06	15.23115G	-42.05	2
2462MHz	Pass	2.442G	5.59	-24.41	832.39M	-53.93	2.39386G	-54.25	2.4835G	-51.86	2.4842G	-49.25	17.60804G	-41.73	3
2462MHz	Pass	2.442G	5.59	-24.41	2.30525G	-54.55	2.39806G	-53.72	2.4835G	-53.90	2.49098G	-51.83	23.34236G	-42.99	4
802.11ax HEW40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	-1.69	-31.69	2.12592G	-54.47	2.39952G	-51.08	2.4G	-53.91	2.48798G	-53.02	15.21488G	-42.36	1
2422MHz	Pass	2.45198G	-1.69	-31.69	823.49M	-54.90	2.39696G	-48.97	2.4G	-50.78	2.54306G	-52.93	24.73357G	-41.37	2
2422MHz	Pass	2.45198G	-1.69	-31.69	2.16314G	-55.33	2.39736G	-51.18	2.4G	-50.61	2.5425G	-53.02	23.31726G	-42.50	3
2422MHz	Pass	2.45198G	-1.69	-31.69	2.0973G	-54.65	2.39948G	-50.86	2.4G	-54.15	2.55042G	-53.59	15.2289G	-42.55	4
2437MHz	Pass	2.45198G	-1.69	-31.69	1.96133G	-55.06	2.39952G	-47.69	2.4G	-53.76	2.5027G	-51.97	15.2233G	-42.79	1
2437MHz	Pass	2.45198G	-1.69	-31.69	2.12621G	-54.56	2.39952G	-45.18	2.4G	-49.62	2.4837G	-50.74	17.59035G	-42.35	2
2437MHz	Pass	2.45198G	-1.69	-31.69	2.15999G	-54.34	2.39948G	-48.50	2.4G	-52.60	2.49334G	-52.06	24.00158G	-42.65	3
2437MHz	Pass	2.45198G	-1.69	-31.69	2.1348G	-54.81	2.39956G	-49.39	2.4G	-51.85	2.48882G	-51.79	23.30604G	-42.11	4
2452MHz	Pass	2.45198G	-1.69	-31.69	2.14997G	-54.54	2.39928G	-54.60	2.4835G	-55.72	2.49638G	-52.02	15.20366G	-42.10	1
2452MHz	Pass	2.45198G	-1.69	-31.69	1.96419G	-54.58	2.39892G	-53.71	2.4835G	-53.64	2.48446G	-52.26	16.71532G	-42.24	2
2452MHz	Pass	2.45198G	-1.69	-31.69	901.06M	-54.66	2.39712G	-54.21	2.4G	-53.53	2.5277G	-52.54	24.71674G	-41.71	3
2452MHz	Pass	2.45198G	-1.69	-31.69	821.2M	-54.98	2.39044G	-54.21	2.4835G	-55.35	2.48654G	-52.45	15.20366G	-42.38	4

802.11b_Nss1,(1Mbps)_4TX

2412MHz

CSENdB

21/12/2021

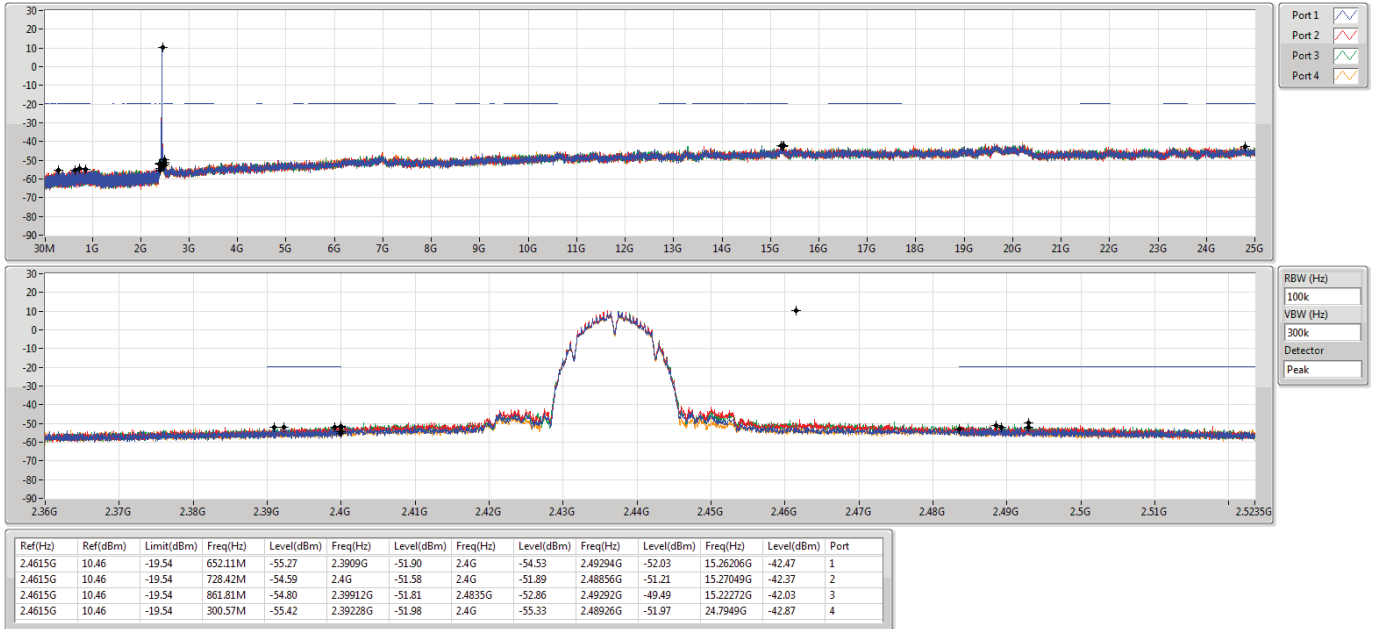


802.11b_Nss1,(1Mbps)_4TX

2437MHz

CSENdB

21/12/2021

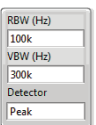
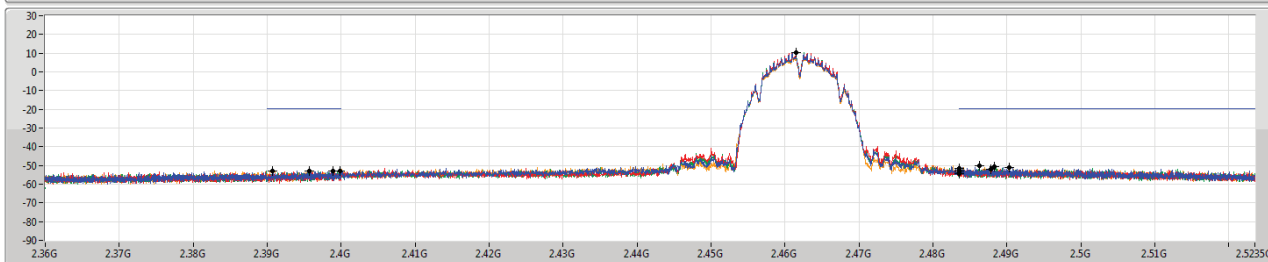
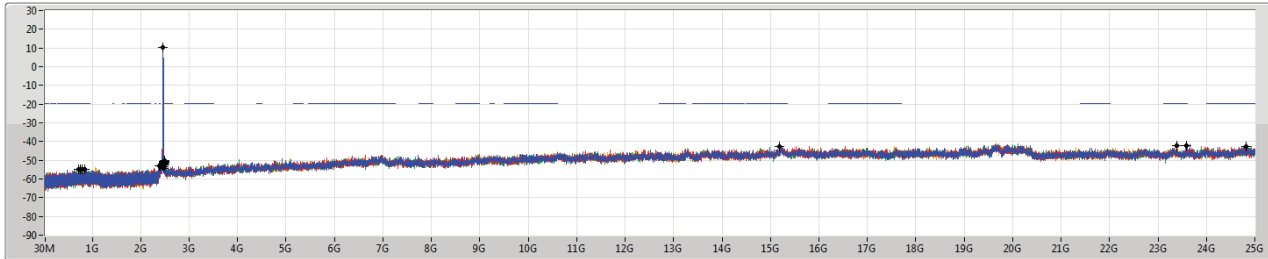


802.11b_Nss1,(1Mbps)_4TX

2462MHz

CSEndB

21/12/2021



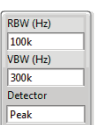
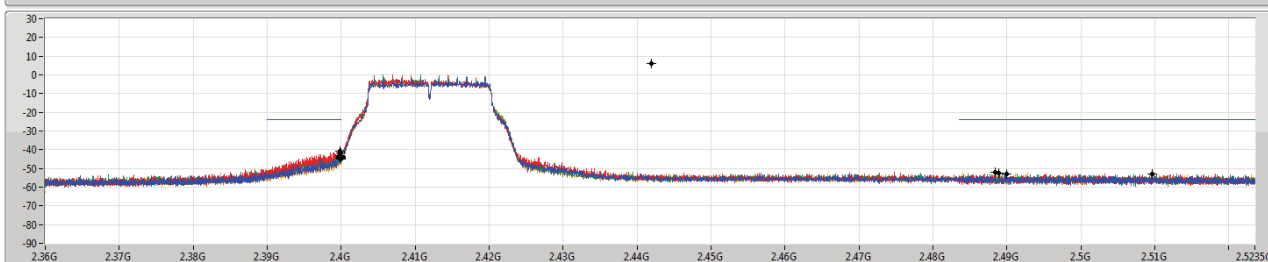
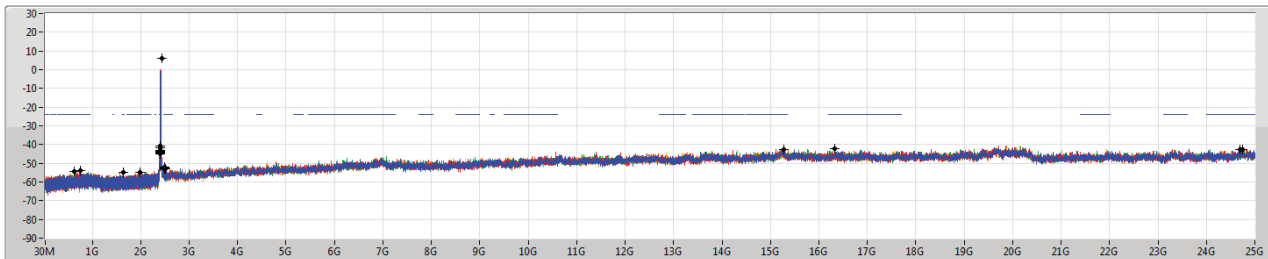
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	10.46	-19.54	756.96M	-54.68	2.39568G	-52.82	2.4835G	-51.79	2.4863G	-50.17	23.58398G	-42.37	1
2.4615G	10.46	-19.54	721.72M	-54.87	2.39886G	-53.00	2.4835G	-54.47	2.48782G	-51.84	24.81457G	-42.58	2
2.4615G	10.46	-19.54	796.28M	-54.95	2.39008G	-53.07	2.4835G	-52.29	2.49032G	-50.97	23.3845G	-42.10	3
2.4615G	10.46	-19.54	847.54M	-54.91	2.39986G	-53.05	2.4835G	-53.46	2.48834G	-50.79	15.1862G	-42.72	4

802.11g_Nss1,(6Mbps)_4TX

2412MHz

CSEndB

21/12/2021



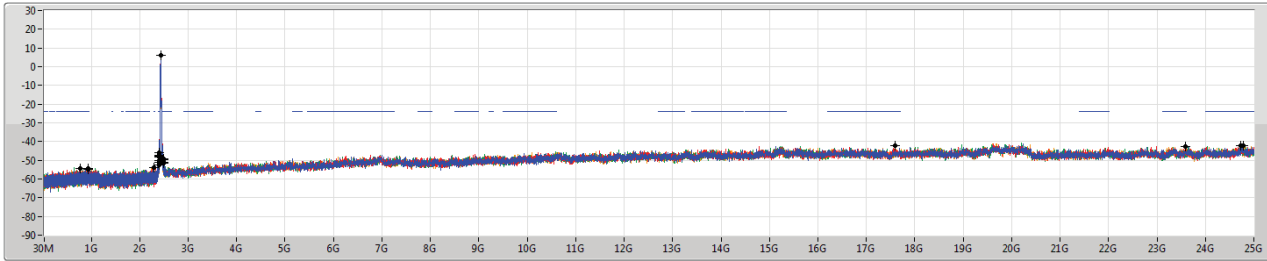
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	6.31	-23.69	621.53M	-54.53	2.39986G	-44.20	2.4G	-44.17	2.49G	-52.99	24.75276G	-42.49	1
2.44196G	6.31	-23.69	758.13M	-54.07	2.39986G	-40.71	2.4G	-41.78	2.50964G	-53.01	16.3325G	-42.29	2
2.44196G	6.31	-23.69	1.64149G	-54.78	2.39986G	-43.08	2.4G	-43.53	2.48886G	-52.54	15.2761G	-42.54	3
2.44196G	6.31	-23.69	1.98837G	-55.05	2.39994G	-45.10	2.4G	-44.71	2.48846G	-52.12	24.68533G	-42.55	4

802.11g_Nss1,(6Mbps)_4TX

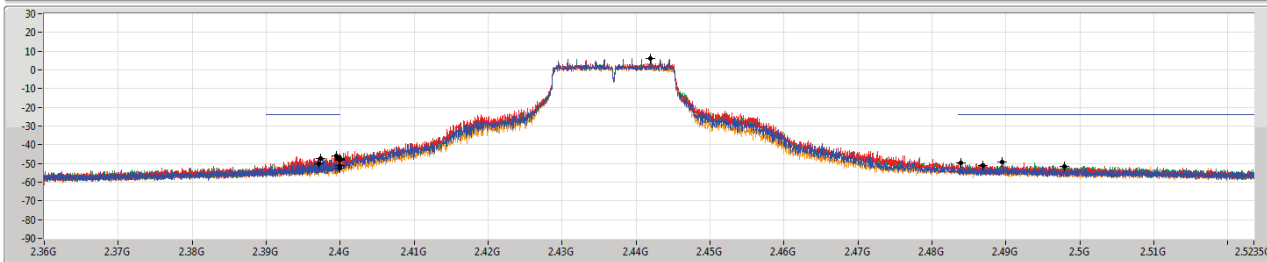
2437MHz

CSEndB

21/12/2021



Port 1
Port 2
Port 3
Port 4



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

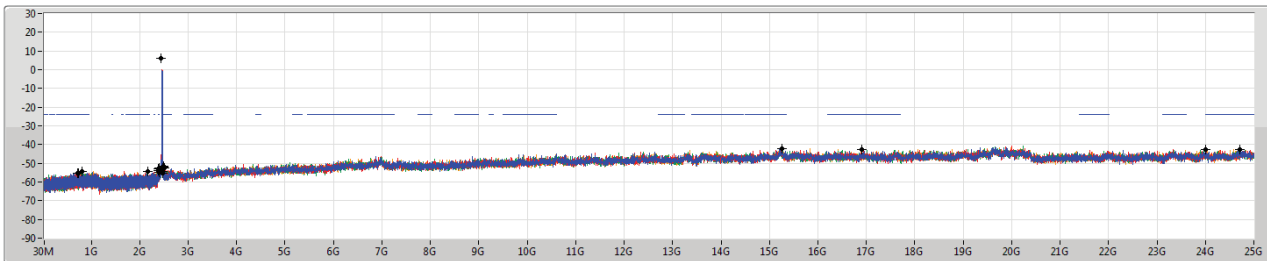
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	6.31	-23.69	937.24M	-54.37	2.39732G	-47.57	2.4G	-50.99	2.48692G	-50.93	2.478085G	-41.97	1
2.44196G	6.31	-23.69	934.91M	-54.99	2.39944G	-45.73	2.4G	-47.76	2.48942G	-49.24	2.359241G	-42.62	2
2.44196G	6.31	-23.69	2.3G	-54.03	2.39992G	-47.57	2.4G	-48.33	2.4839G	-49.65	17.59961G	-42.29	3
2.44196G	6.31	-23.69	772.98M	-54.55	2.39708G	-50.23	2.4G	-52.49	2.49794G	-51.73	2.47359G	-42.18	4

802.11g_Nss1,(6Mbps)_4TX

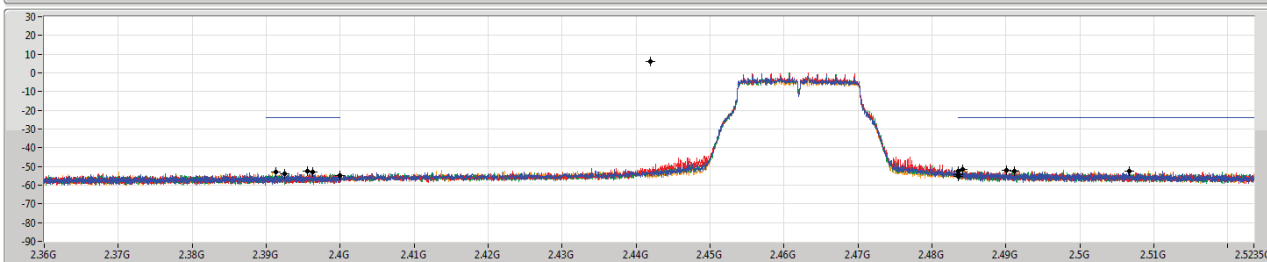
2462MHz

CSEndB

21/12/2021



Port 1
Port 2
Port 3
Port 4



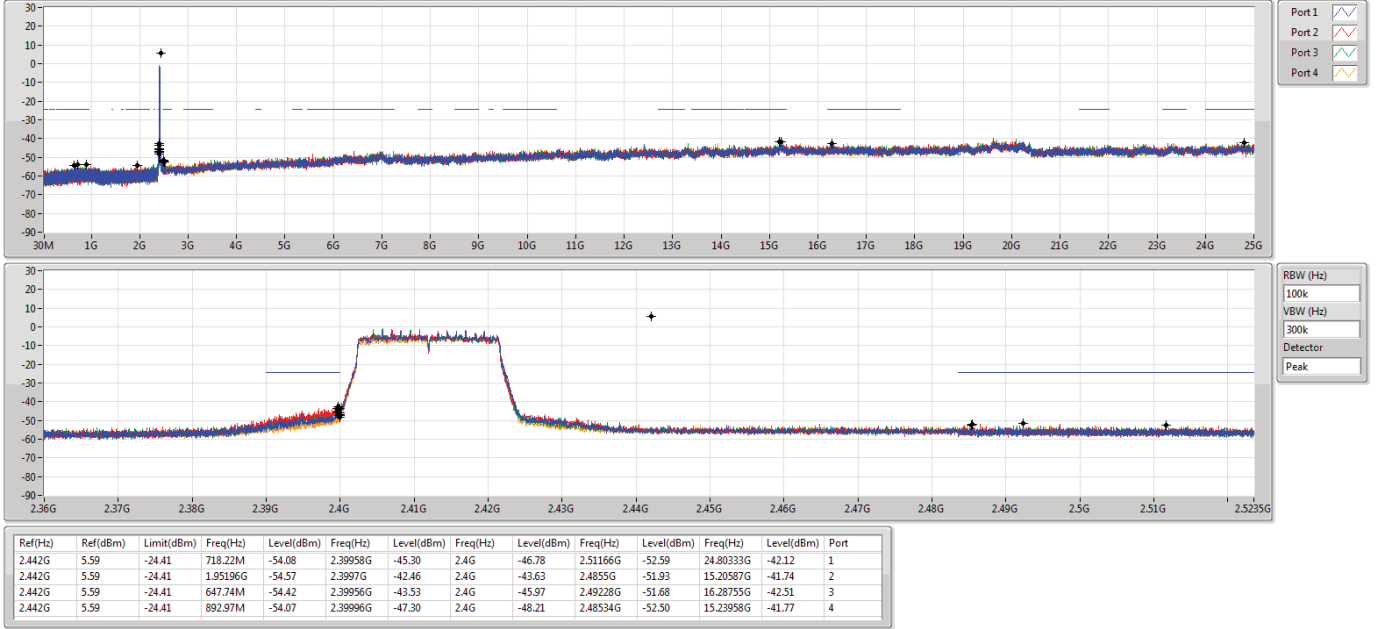
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	6.31	-23.69	743.56M	-55.25	2.39132G	-53.18	2.4835G	-55.10	2.50662G	-52.57	15.26206G	-42.31	1
2.44196G	6.31	-23.69	2.16224G	-54.48	2.39628G	-53.09	2.4835G	-52.64	2.4841G	-51.62	24.00822G	-42.63	2
2.44196G	6.31	-23.69	724.92M	-55.11	2.39246G	-54.01	2.4835G	-54.26	2.49008G	-51.87	16.90565G	-42.64	3
2.44196G	6.31	-23.69	800.36M	-54.40	2.39554G	-52.71	2.4G	-54.90	2.49114G	-52.38	24.705G	-42.49	4

802.11ax HEW20_Nss1,(MCS0)_4TX

CSEndB

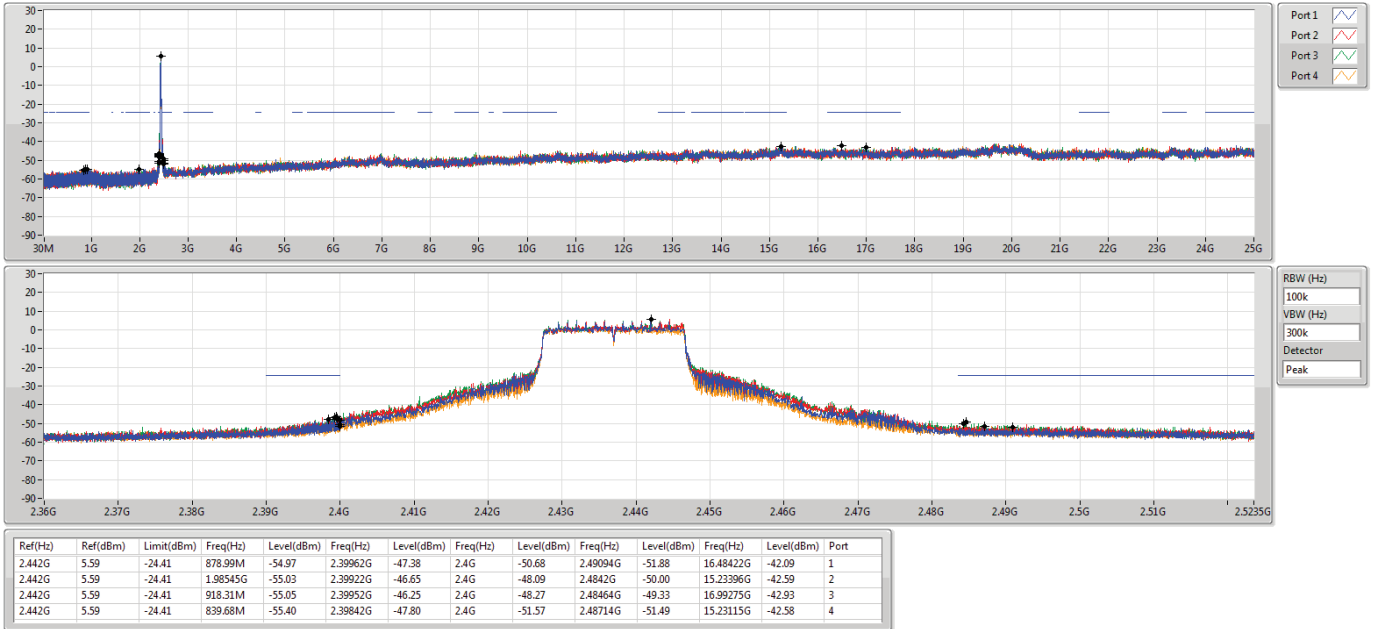
2412MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSEndB

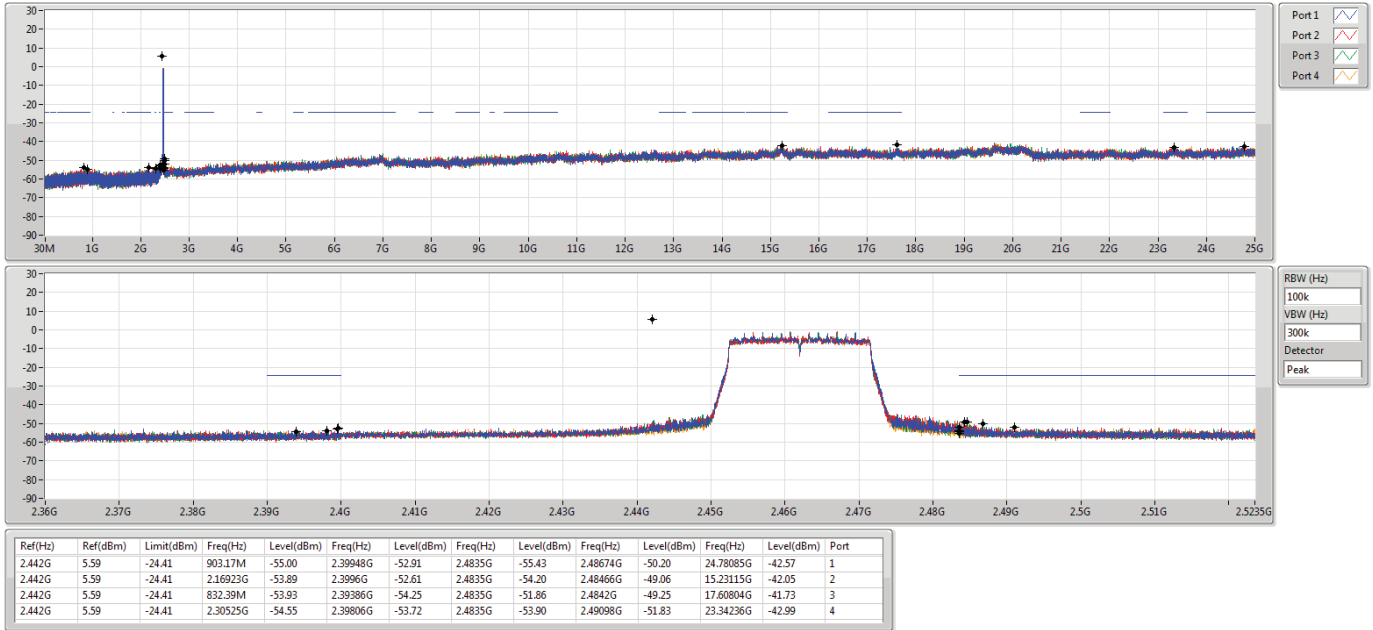
2437MHz



802.11ax HEW20_Nss1,(MCS0)_4TX

CSENdB

2462MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2422MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2437MHz



802.11ax HEW40_Nss1,(MCS0)_4TX

CSENdB

2452MHz





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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43749G	4.98	-25.02	2.15467G	-50.97	2.3994G	-47.25	2.4G	-46.65	2.48806G	-47.83	24.89324G	-37.15	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.42346G	2.04	-27.96	1.71115G	-48.53	2.39956G	-43.55	2.4G	-47.87	2.49542G	-47.92	15.20647G	-37.70	3

**Result**

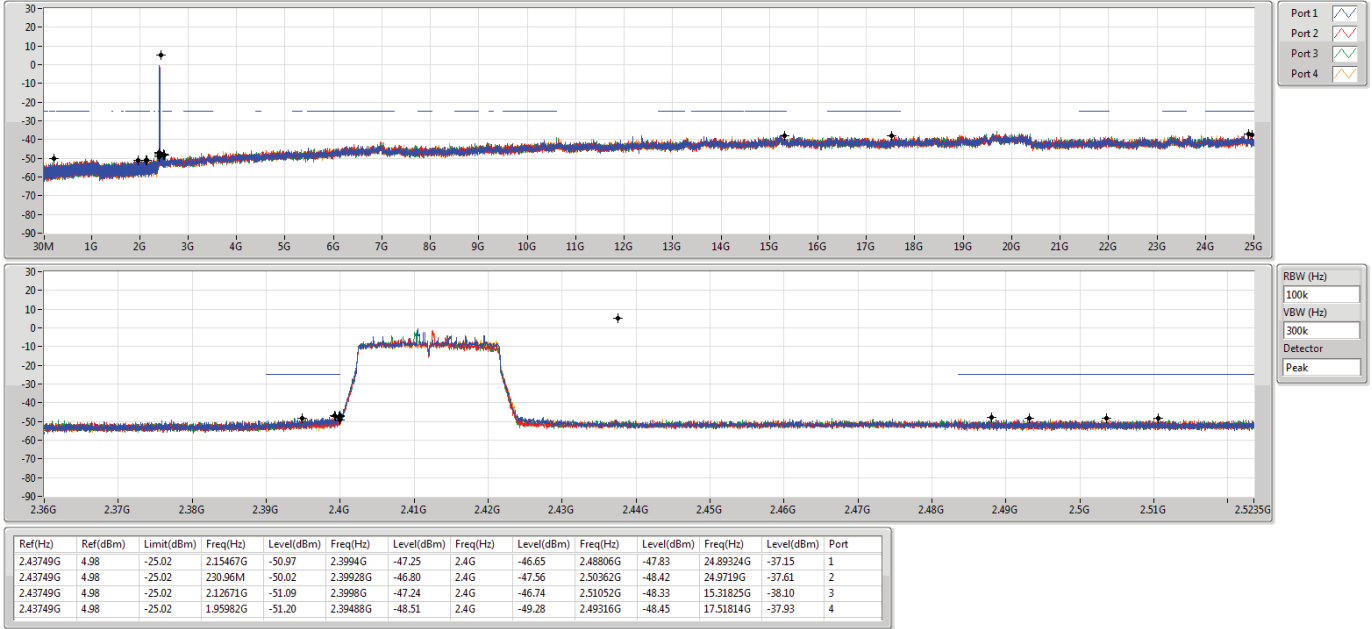
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	4.98	-25.02	2.15467G	-50.97	2.3994G	-47.25	2.4G	-46.65	2.48806G	-47.83	24.89324G	-37.15	1
2412MHz	Pass	2.43749G	4.98	-25.02	230.96M	-50.02	2.39928G	-46.80	2.4G	-47.56	2.50362G	-48.42	24.9719G	-37.61	2
2412MHz	Pass	2.43749G	4.98	-25.02	2.12671G	-51.09	2.3998G	-47.24	2.4G	-46.74	2.51052G	-48.33	15.31825G	-38.10	3
2412MHz	Pass	2.43749G	4.98	-25.02	1.95982G	-51.20	2.39488G	-48.51	2.4G	-49.28	2.49316G	-48.45	17.51814G	-37.93	4
2437MHz	Pass	2.43749G	4.98	-25.02	2.12642G	-51.23	2.39276G	-50.12	2.4G	-52.98	2.49616G	-48.08	15.32106G	-36.42	1
2437MHz	Pass	2.43749G	4.98	-25.02	2.17214G	-51.09	2.3962G	-49.92	2.4835G	-52.15	2.51766G	-48.68	24.79771G	-37.57	2
2437MHz	Pass	2.43749G	4.98	-25.02	696.38M	-50.86	2.3994G	-49.44	2.4835G	-52.17	2.48756G	-48.81	15.1581G	-37.59	3
2437MHz	Pass	2.43749G	4.98	-25.02	822.78M	-50.19	2.4G	-48.45	2.4G	-52.20	2.51984G	-48.58	24.61228G	-37.79	4
2462MHz	Pass	2.43749G	4.98	-25.02	2.15438G	-50.83	2.39456G	-50.27	2.4835G	-51.86	2.49168G	-48.39	15.20587G	-37.82	1
2462MHz	Pass	2.43749G	4.98	-25.02	2.127G	-50.48	2.39882G	-49.33	2.4835G	-52.17	2.50192G	-49.02	15.21148G	-37.20	2
2462MHz	Pass	2.43749G	4.98	-25.02	760.75M	-50.74	2.3914G	-49.96	2.4G	-51.79	2.50004G	-48.46	16.38869G	-37.48	3
2462MHz	Pass	2.43749G	4.98	-25.02	2.15496G	-51.32	2.39634G	-49.89	2.4G	-50.51	2.48536G	-48.28	15.20587G	-37.40	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42346G	2.04	-27.96	2.1056G	-51.29	2.39984G	-48.14	2.4835G	-51.11	2.52638G	-48.87	16.93127G	-37.67	1
2422MHz	Pass	2.42346G	2.04	-27.96	946.29M	-50.98	2.39984G	-44.95	2.4G	-46.96	2.55514G	-49.12	17.5651G	-37.96	2
2422MHz	Pass	2.42346G	2.04	-27.96	2.14224G	-50.41	2.39852G	-46.93	2.4G	-48.25	2.50814G	-49.05	15.24573G	-37.59	3
2422MHz	Pass	2.42346G	2.04	-27.96	920.24M	-50.94	2.397G	-47.60	2.4835G	-49.49	2.49026G	-48.88	15.31304G	-38.25	4
2437MHz	Pass	2.42346G	2.04	-27.96	883.31M	-50.78	2.39952G	-48.00	2.4G	-49.05	2.48562G	-48.63	15.20366G	-37.62	1
2437MHz	Pass	2.42346G	2.04	-27.96	933.12M	-51.35	2.3996G	-45.55	2.4G	-47.65	2.48498G	-46.55	24.07449G	-37.61	2
2437MHz	Pass	2.42346G	2.04	-27.96	1.71115G	-48.53	2.39956G	-43.55	2.4G	-47.87	2.49542G	-47.92	15.20647G	-37.70	3
2437MHz	Pass	2.42346G	2.04	-27.96	2.168G	-51.01	2.39956G	-46.46	2.4G	-48.07	2.4911G	-48.46	15.20647G	-37.62	4
2452MHz	Pass	2.42346G	2.04	-27.96	2.3034G	-49.36	2.39552G	-50.11	2.4835G	-51.26	2.48538G	-48.53	15.23171G	-37.43	1
2452MHz	Pass	2.42346G	2.04	-27.96	2.30712G	-50.40	2.39544G	-48.74	2.4835G	-50.65	2.48442G	-45.09	23.27519G	-36.63	2
2452MHz	Pass	2.42346G	2.04	-27.96	2.07096G	-51.18	2.39548G	-50.36	2.4835G	-50.14	2.48482G	-46.13	24.78966G	-36.95	3
2452MHz	Pass	2.42346G	2.04	-27.96	2.11161G	-50.75	2.39668G	-50.36	2.4835G	-49.32	2.49174G	-48.84	14.57825G	-37.82	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz

CSENdB

24/12/2021

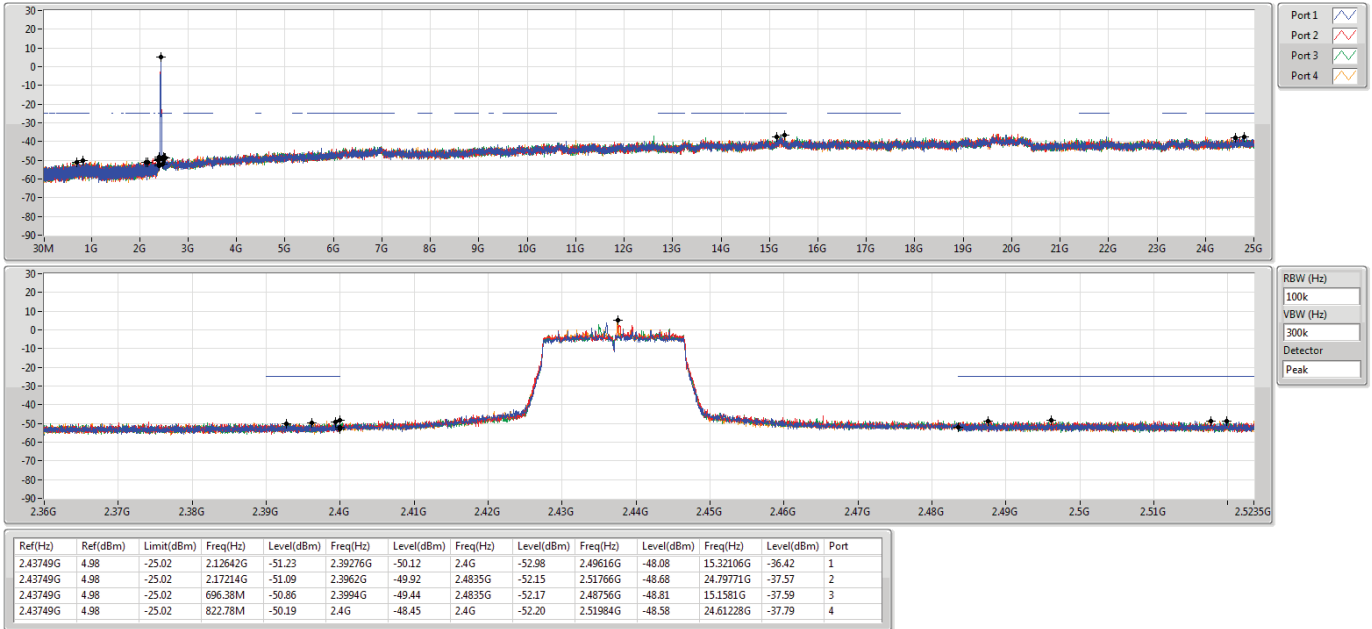


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz

CSENdB

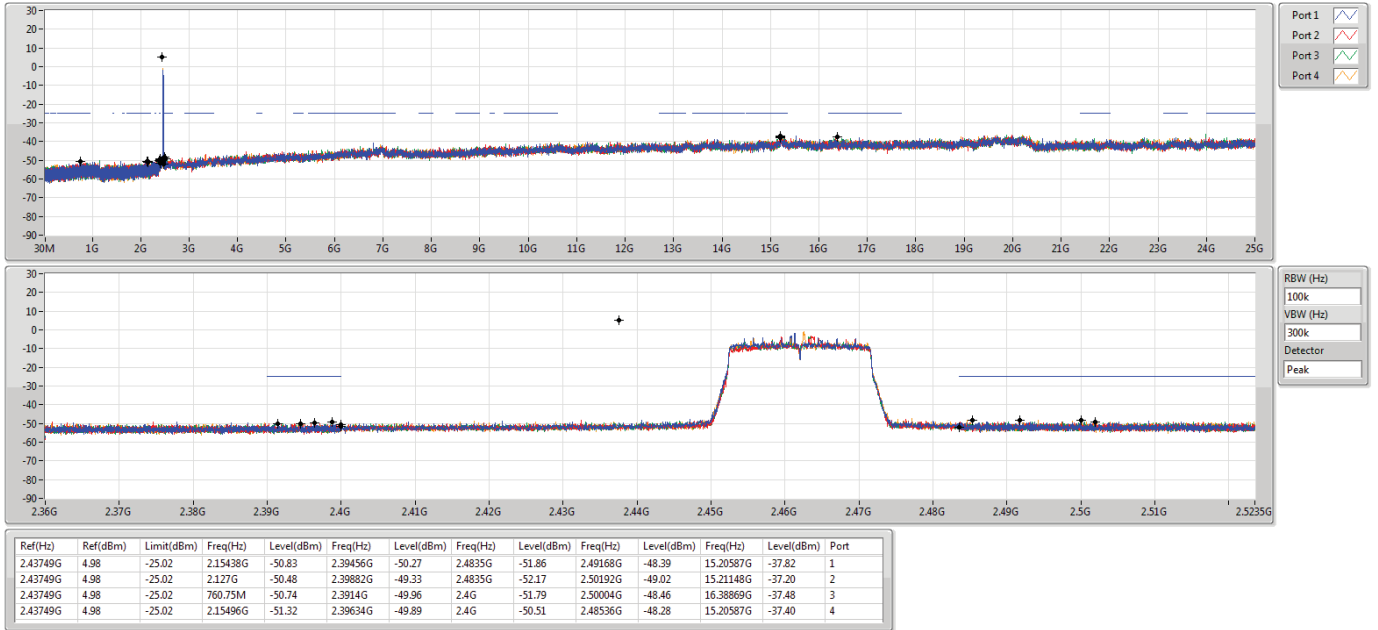
24/12/2021



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

CSENdB

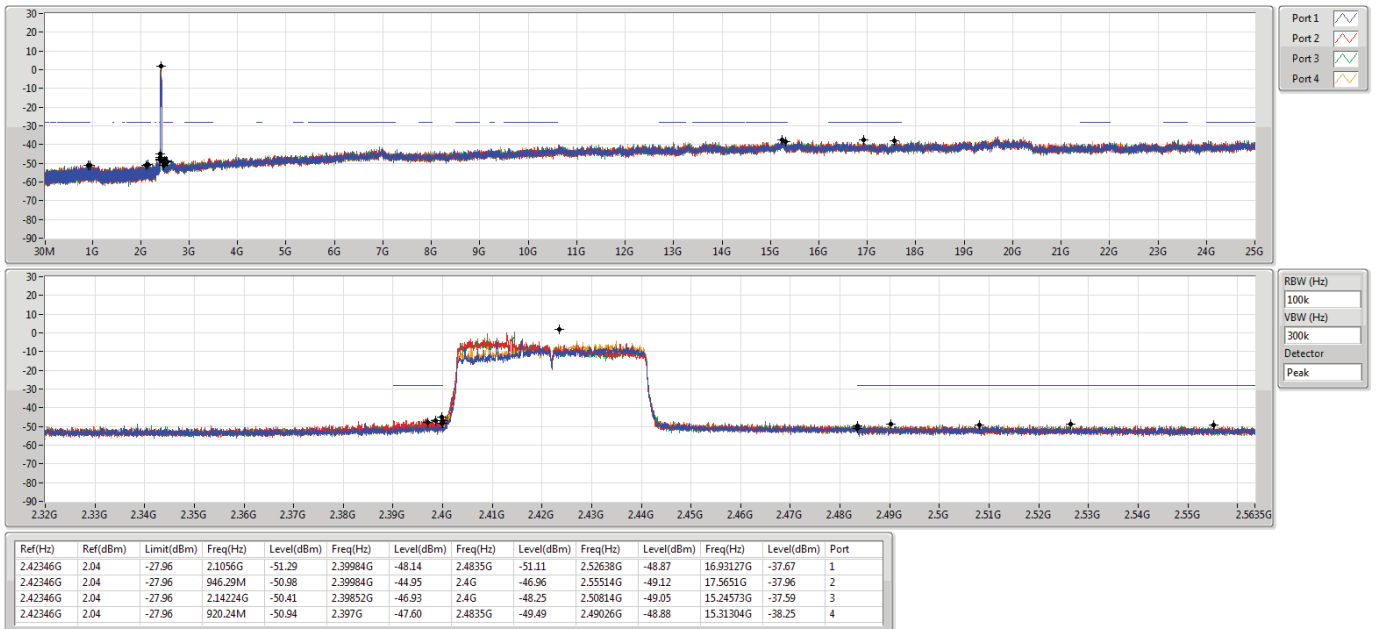
2462MHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

CSENdB

2422MHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

CSENdB

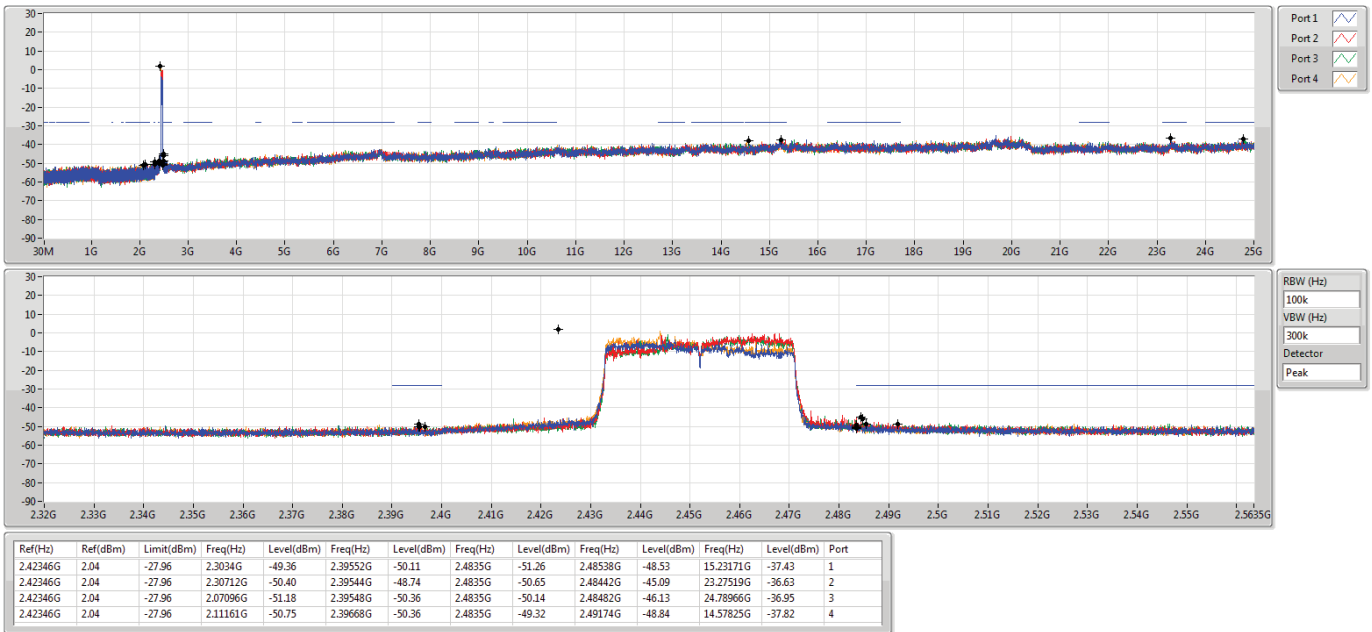
2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

CSENdB

2452MHz





Summary

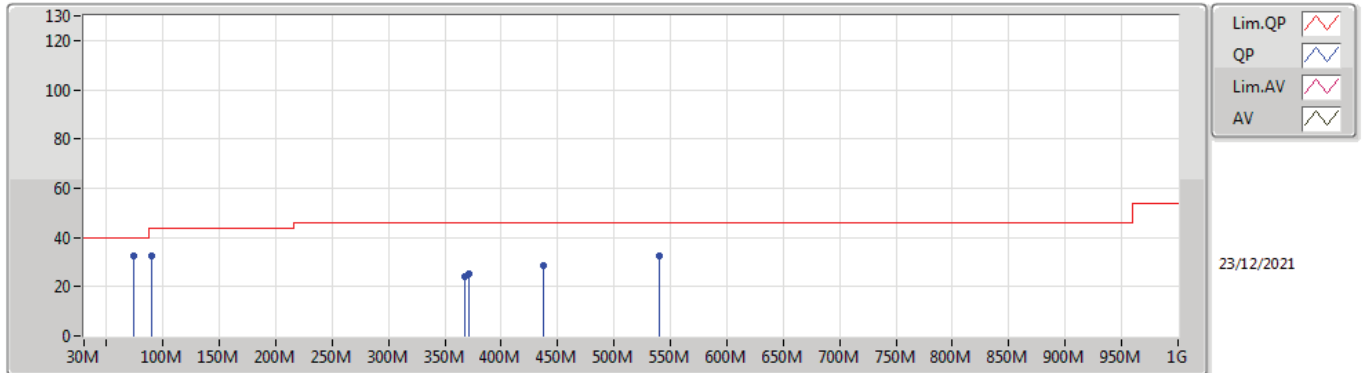
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	74.62M	32.27	40.00	-7.73	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	74.62M	32.27	40.00	-7.73	3	Vertical	360	1.00	-
2437MHz	Pass	PK	90.14M	32.62	43.50	-10.88	3	Vertical	360	1.00	-
2437MHz	Pass	PK	367.56M	24.04	46.00	-21.96	3	Vertical	360	1.00	-
2437MHz	Pass	PK	371.44M	25.17	46.00	-20.83	3	Vertical	360	1.00	-
2437MHz	Pass	PK	437.4M	28.57	46.00	-17.43	3	Vertical	360	1.00	-
2437MHz	Pass	PK	540.22M	32.67	46.00	-13.33	3	Vertical	360	1.00	-
2437MHz	Pass	PK	90.14M	31.49	43.50	-12.01	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	99.84M	29.28	43.50	-14.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	245.34M	25.24	46.00	-20.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	355.92M	27.11	46.00	-18.89	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	431.58M	30.55	46.00	-15.45	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	540.22M	31.46	46.00	-14.54	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

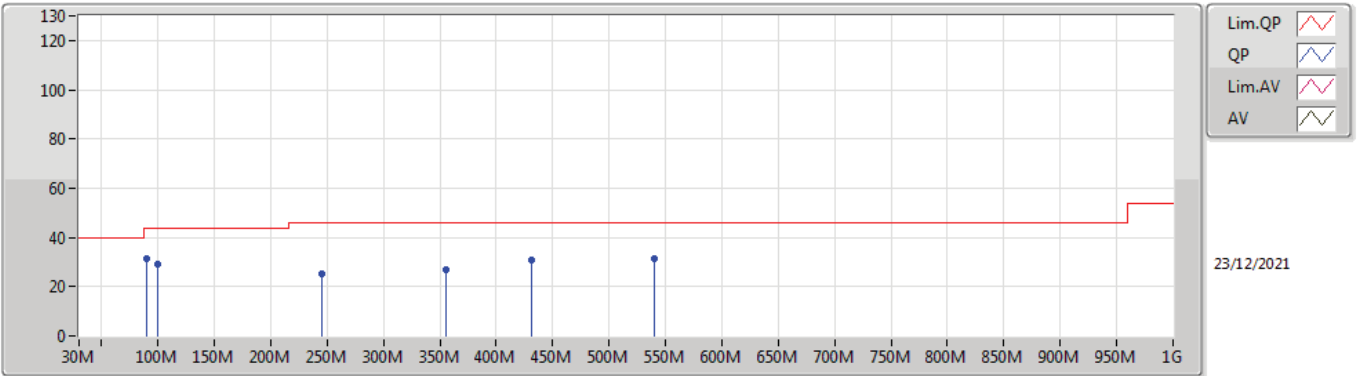
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	74.62M	32.27	40.00	-7.73	-14.78	3	Vertical	360	1.00	-	47.05	11.36	1.43	27.57
PK	90.14M	32.62	43.50	-10.88	-11.86	3	Vertical	360	1.00	-	44.48	14.03	1.58	27.47
PK	367.56M	24.04	46.00	-21.96	-3.83	3	Vertical	360	1.00	-	27.87	19.91	3.33	27.07
PK	371.44M	25.17	46.00	-20.83	-3.80	3	Vertical	360	1.00	-	28.97	19.95	3.34	27.09
PK	437.4M	28.57	46.00	-17.43	-2.07	3	Vertical	360	1.00	-	30.64	21.93	3.62	27.62
PK	540.22M	32.67	46.00	-13.33	0.20	3	Vertical	360	1.00	-	32.47	24.21	4.04	28.05

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	31.49	43.50	-12.01	-11.86	3	Horizontal	0	1.00	-	43.35	14.03	1.58	27.47
PK	99.84M	29.28	43.50	-14.22	-9.84	3	Horizontal	0	1.00	-	39.12	15.85	1.70	27.39
PK	245.34M	25.24	46.00	-20.76	-7.13	3	Horizontal	0	1.00	-	32.37	16.98	2.64	26.75
PK	355.92M	27.11	46.00	-18.89	-4.01	3	Horizontal	0	1.00	-	31.12	19.71	3.28	27.00
PK	431.58M	30.55	46.00	-15.45	-2.10	3	Horizontal	0	1.00	-	32.65	21.86	3.60	27.56
PK	540.22M	31.46	46.00	-14.54	0.20	3	Horizontal	0	1.00	-	31.26	24.21	4.04	28.05

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.484G	52.95	54.00	-1.05	3	Vertical	0	1.89	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	360	1.42	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.00	54.00	-1.00	3	Horizontal	0	1.92	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.3876G	52.99	54.00	-1.01	3	Horizontal	0	1.72	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	52.38	54.00	-1.62	3	Vertical	0	1.73	-
2412MHz	Pass	AV	2.4112G	119.49	Inf	-Inf	3	Vertical	0	1.73	-
2412MHz	Pass	PK	2.3882G	63.52	74.00	-10.48	3	Vertical	0	1.73	-
2412MHz	Pass	PK	2.4128G	121.93	Inf	-Inf	3	Vertical	0	1.73	-
2412MHz	Pass	AV	2.389G	52.50	54.00	-1.50	3	Horizontal	0	1.65	-
2412MHz	Pass	AV	2.4112G	119.52	Inf	-Inf	3	Horizontal	0	1.65	-
2412MHz	Pass	PK	2.3888G	63.62	74.00	-10.38	3	Horizontal	0	1.65	-
2412MHz	Pass	PK	2.411G	121.87	Inf	-Inf	3	Horizontal	0	1.65	-
2412MHz	Pass	AV	4.82394G	51.92	54.00	-2.08	3	Vertical	0	1.94	-
2412MHz	Pass	PK	4.824G	54.39	74.00	-19.61	3	Vertical	0	1.94	-
2412MHz	Pass	AV	4.824G	47.21	54.00	-6.79	3	Horizontal	11	1.37	-
2412MHz	Pass	PK	4.824G	51.03	74.00	-22.97	3	Horizontal	11	1.37	-
2417MHz	Pass	AV	2.39G	52.85	54.00	-1.15	3	Vertical	357	1.57	-
2417MHz	Pass	AV	2.4162G	120.07	Inf	-Inf	3	Vertical	357	1.57	-
2417MHz	Pass	PK	2.3892G	63.56	74.00	-10.44	3	Vertical	357	1.57	-
2417MHz	Pass	PK	2.416G	122.50	Inf	-Inf	3	Vertical	357	1.57	-
2417MHz	Pass	AV	2.39G	51.97	54.00	-2.03	3	Horizontal	354	2.17	-
2417MHz	Pass	AV	2.4162G	118.53	Inf	-Inf	3	Horizontal	354	2.17	-
2417MHz	Pass	PK	2.3884G	62.67	74.00	-11.33	3	Horizontal	354	2.17	-
2417MHz	Pass	PK	2.4162G	121.01	Inf	-Inf	3	Horizontal	354	2.17	-
2422MHz	Pass	AV	2.3896G	52.39	54.00	-1.61	3	Vertical	0	1.70	-
2422MHz	Pass	AV	2.4228G	121.37	Inf	-Inf	3	Vertical	0	1.70	-
2422MHz	Pass	PK	2.3868G	63.24	74.00	-10.76	3	Vertical	0	1.70	-
2422MHz	Pass	PK	2.4228G	123.68	Inf	-Inf	3	Vertical	0	1.70	-
2422MHz	Pass	AV	2.39G	51.59	54.00	-2.41	3	Horizontal	0	1.67	-
2422MHz	Pass	AV	2.4228G	120.22	Inf	-Inf	3	Horizontal	0	1.67	-
2422MHz	Pass	PK	2.3878G	63.71	74.00	-10.29	3	Horizontal	0	1.67	-
2422MHz	Pass	PK	2.4228G	122.55	Inf	-Inf	3	Horizontal	0	1.67	-
2427MHz	Pass	AV	2.3892G	52.88	54.00	-1.12	3	Vertical	0	1.96	-
2427MHz	Pass	AV	2.4262G	121.57	Inf	-Inf	3	Vertical	0	1.96	-
2427MHz	Pass	PK	2.39G	63.63	74.00	-10.37	3	Vertical	0	1.96	-
2427MHz	Pass	PK	2.426G	123.88	Inf	-Inf	3	Vertical	0	1.96	-
2427MHz	Pass	AV	2.389G	52.38	54.00	-1.62	3	Horizontal	0	1.49	-
2427MHz	Pass	AV	2.4262G	122.10	Inf	-Inf	3	Horizontal	0	1.49	-
2427MHz	Pass	PK	2.3892G	63.19	74.00	-10.81	3	Horizontal	0	1.49	-
2427MHz	Pass	PK	2.426G	124.50	Inf	-Inf	3	Horizontal	0	1.49	-
2432MHz	Pass	AV	2.3886G	51.72	54.00	-2.28	3	Vertical	360	1.72	-
2432MHz	Pass	AV	2.4328G	122.41	Inf	-Inf	3	Vertical	360	1.72	-
2432MHz	Pass	PK	2.3854G	63.82	74.00	-10.18	3	Vertical	360	1.72	-
2432MHz	Pass	PK	2.4328G	124.74	Inf	-Inf	3	Vertical	360	1.72	-
2432MHz	Pass	AV	2.39G	51.16	54.00	-2.84	3	Horizontal	3	1.50	-
2432MHz	Pass	AV	2.4328G	121.47	Inf	-Inf	3	Horizontal	3	1.50	-
2432MHz	Pass	PK	2.386G	63.05	74.00	-10.95	3	Horizontal	3	1.50	-
2432MHz	Pass	PK	2.4328G	123.80	Inf	-Inf	3	Horizontal	3	1.50	-
2437MHz	Pass	AV	2.3898G	51.97	54.00	-2.03	3	Vertical	357	1.50	-
2437MHz	Pass	AV	2.4362G	122.70	Inf	-Inf	3	Vertical	357	1.50	-
2437MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	357	1.50	-
2437MHz	Pass	PK	2.3882G	63.89	74.00	-10.11	3	Vertical	357	1.50	-
2437MHz	Pass	PK	2.4362G	125.12	Inf	-Inf	3	Vertical	357	1.50	-
2437MHz	Pass	PK	2.4862G	64.70	74.00	-9.30	3	Vertical	357	1.50	-
2437MHz	Pass	AV	2.3898G	49.69	54.00	-4.31	3	Horizontal	345	1.91	-
2437MHz	Pass	AV	2.4362G	119.53	Inf	-Inf	3	Horizontal	345	1.91	-
2437MHz	Pass	AV	2.4835G	51.62	54.00	-2.38	3	Horizontal	345	1.91	-
2437MHz	Pass	PK	2.3898G	61.65	74.00	-12.35	3	Horizontal	345	1.91	-
2437MHz	Pass	PK	2.4362G	121.80	Inf	-Inf	3	Horizontal	345	1.91	-
2437MHz	Pass	PK	2.4846G	63.40	74.00	-10.60	3	Horizontal	345	1.91	-
2437MHz	Pass	AV	4.87395G	47.85	54.00	-6.15	3	Vertical	357	1.50	-
2437MHz	Pass	AV	7.31008G	48.07	54.00	-5.93	3	Vertical	223	1.52	-
2437MHz	Pass	PK	4.87399G	52.02	74.00	-21.98	3	Vertical	357	1.50	-
2437MHz	Pass	PK	7.31092G	56.22	74.00	-17.78	3	Vertical	223	1.52	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.87394G	47.93	54.00	-6.07	3	Horizontal	360	2.12	-
2437MHz	Pass	AV	7.31012G	48.45	54.00	-5.55	3	Horizontal	191	2.05	-
2437MHz	Pass	PK	4.87392G	51.84	74.00	-22.16	3	Horizontal	360	2.12	-
2437MHz	Pass	PK	7.31098G	56.94	74.00	-17.06	3	Horizontal	191	2.05	-
2442MHz	Pass	AV	2.4428G	122.27	Inf	-Inf	3	Vertical	0	1.99	-
2442MHz	Pass	AV	2.4835G	52.54	54.00	-1.46	3	Vertical	0	1.99	-
2442MHz	Pass	PK	2.443G	124.59	Inf	-Inf	3	Vertical	0	1.99	-
2442MHz	Pass	PK	2.4854G	64.76	74.00	-9.24	3	Vertical	0	1.99	-
2442MHz	Pass	AV	2.4412G	120.88	Inf	-Inf	3	Horizontal	3	1.50	-
2442MHz	Pass	AV	2.4842G	51.82	54.00	-2.18	3	Horizontal	3	1.50	-
2442MHz	Pass	PK	2.4428G	123.26	Inf	-Inf	3	Horizontal	3	1.50	-
2442MHz	Pass	PK	2.4868G	64.39	74.00	-9.61	3	Horizontal	3	1.50	-
2447MHz	Pass	AV	2.4462G	122.04	Inf	-Inf	3	Vertical	0	1.98	-
2447MHz	Pass	AV	2.4874G	52.27	54.00	-1.73	3	Vertical	0	1.98	-
2447MHz	Pass	PK	2.446G	124.43	Inf	-Inf	3	Vertical	0	1.98	-
2447MHz	Pass	PK	2.488G	64.10	74.00	-9.90	3	Vertical	0	1.98	-
2447MHz	Pass	AV	2.4462G	120.87	Inf	-Inf	3	Horizontal	0	1.41	-
2447MHz	Pass	AV	2.4844G	52.26	54.00	-1.74	3	Horizontal	0	1.41	-
2447MHz	Pass	PK	2.446G	123.18	Inf	-Inf	3	Horizontal	0	1.41	-
2447MHz	Pass	PK	2.4918G	64.11	74.00	-9.89	3	Horizontal	0	1.41	-
2452MHz	Pass	AV	2.4528G	121.34	Inf	-Inf	3	Vertical	0	1.89	-
2452MHz	Pass	AV	2.484G	52.95	54.00	-1.05	3	Vertical	0	1.89	-
2452MHz	Pass	PK	2.4528G	123.67	Inf	-Inf	3	Vertical	0	1.89	-
2452MHz	Pass	PK	2.484G	65.08	74.00	-8.92	3	Vertical	0	1.89	-
2452MHz	Pass	AV	2.4528G	119.67	Inf	-Inf	3	Horizontal	0	2.48	-
2452MHz	Pass	AV	2.4838G	51.50	54.00	-2.50	3	Horizontal	0	2.48	-
2452MHz	Pass	PK	2.4528G	122.04	Inf	-Inf	3	Horizontal	0	2.48	-
2452MHz	Pass	PK	2.4876G	64.29	74.00	-9.71	3	Horizontal	0	2.48	-
2457MHz	Pass	AV	2.4562G	120.15	Inf	-Inf	3	Vertical	357	1.90	-
2457MHz	Pass	AV	2.4838G	52.65	54.00	-1.35	3	Vertical	357	1.90	-
2457MHz	Pass	PK	2.456G	122.64	Inf	-Inf	3	Vertical	357	1.90	-
2457MHz	Pass	PK	2.4835G	63.86	74.00	-10.14	3	Vertical	357	1.90	-
2457MHz	Pass	AV	2.4562G	118.32	Inf	-Inf	3	Horizontal	0	2.73	-
2457MHz	Pass	AV	2.4835G	51.31	54.00	-2.69	3	Horizontal	0	2.73	-
2457MHz	Pass	PK	2.456G	120.66	Inf	-Inf	3	Horizontal	0	2.73	-
2457MHz	Pass	PK	2.4846G	62.99	74.00	-11.01	3	Horizontal	0	2.73	-
2462MHz	Pass	AV	2.4628G	118.54	Inf	-Inf	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	360	1.50	-
2462MHz	Pass	PK	2.4628G	120.98	Inf	-Inf	3	Vertical	360	1.50	-
2462MHz	Pass	PK	2.4854G	64.45	74.00	-9.55	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4626G	120.03	Inf	-Inf	3	Horizontal	0	1.48	-
2462MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Horizontal	0	1.48	-
2462MHz	Pass	PK	2.4628G	122.48	Inf	-Inf	3	Horizontal	0	1.48	-
2462MHz	Pass	PK	2.4888G	64.03	74.00	-9.97	3	Horizontal	0	1.48	-
2462MHz	Pass	AV	4.92394G	45.85	54.00	-8.15	3	Vertical	356	1.50	-
2462MHz	Pass	AV	7.38592G	45.71	54.00	-8.29	3	Vertical	205	2.34	-
2462MHz	Pass	PK	4.92386G	50.71	74.00	-23.29	3	Vertical	356	1.50	-
2462MHz	Pass	PK	7.38598G	52.77	74.00	-21.23	3	Vertical	205	2.34	-
2462MHz	Pass	AV	4.92394G	40.42	54.00	-13.58	3	Horizontal	356	1.84	-
2462MHz	Pass	AV	7.38594G	46.01	54.00	-7.99	3	Horizontal	209	1.84	-
2462MHz	Pass	PK	4.9242G	47.89	74.00	-26.11	3	Horizontal	356	1.84	-
2462MHz	Pass	PK	7.38608G	53.09	74.00	-20.91	3	Horizontal	209	1.84	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3888G	52.85	54.00	-1.15	3	Vertical	360	1.66	-
2412MHz	Pass	AV	2.4074G	108.07	Inf	-Inf	3	Vertical	360	1.66	-
2412MHz	Pass	PK	2.388G	70.91	74.00	-3.09	3	Vertical	360	1.66	-
2412MHz	Pass	PK	2.4084G	116.49	Inf	-Inf	3	Vertical	360	1.66	-
2412MHz	Pass	AV	2.3894G	52.48	54.00	-1.52	3	Horizontal	0	1.58	-
2412MHz	Pass	AV	2.4076G	107.54	Inf	-Inf	3	Horizontal	0	1.58	-
2412MHz	Pass	PK	2.3882G	69.67	74.00	-4.33	3	Horizontal	0	1.58	-
2412MHz	Pass	PK	2.408G	116.25	Inf	-Inf	3	Horizontal	0	1.58	-
2412MHz	Pass	AV	4.82588G	35.85	54.00	-18.15	3	Vertical	360	2.01	-



RSE TX above 1GHz Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	4.82548G	47.79	74.00	-26.21	3	Vertical	360	2.01	-
2412MHz	Pass	AV	4.82456G	33.50	54.00	-20.50	3	Horizontal	360	2.20	-
2412MHz	Pass	PK	4.82636G	45.75	74.00	-28.25	3	Horizontal	360	2.20	-
2417MHz	Pass	AV	2.39G	52.23	54.00	-1.77	3	Vertical	357	1.57	-
2417MHz	Pass	AV	2.4122G	109.55	Inf	-Inf	3	Vertical	357	1.57	-
2417MHz	Pass	PK	2.3856G	69.69	74.00	-4.31	3	Vertical	357	1.57	-
2417MHz	Pass	PK	2.4124G	118.04	Inf	-Inf	3	Vertical	357	1.57	-
2417MHz	Pass	AV	2.3876G	51.26	54.00	-2.74	3	Horizontal	3	1.14	-
2417MHz	Pass	AV	2.4156G	108.77	Inf	-Inf	3	Horizontal	3	1.14	-
2417MHz	Pass	PK	2.3874G	71.85	74.00	-2.15	3	Horizontal	3	1.14	-
2417MHz	Pass	PK	2.4146G	117.63	Inf	-Inf	3	Horizontal	3	1.14	-
2422MHz	Pass	AV	2.39G	52.88	54.00	-1.12	3	Vertical	0	1.50	-
2422MHz	Pass	AV	2.4174G	110.68	Inf	-Inf	3	Vertical	0	1.50	-
2422MHz	Pass	PK	2.39G	72.74	74.00	-1.26	3	Vertical	0	1.50	-
2422MHz	Pass	PK	2.4174G	118.96	Inf	-Inf	3	Vertical	0	1.50	-
2422MHz	Pass	AV	2.39G	51.16	54.00	-2.84	3	Horizontal	0	2.12	-
2422MHz	Pass	AV	2.4144G	110.48	Inf	-Inf	3	Horizontal	0	2.12	-
2422MHz	Pass	PK	2.39G	67.94	74.00	-6.06	3	Horizontal	0	2.12	-
2422MHz	Pass	PK	2.4236G	118.79	Inf	-Inf	3	Horizontal	0	2.12	-
2427MHz	Pass	AV	2.3872G	52.36	54.00	-1.64	3	Vertical	9	1.68	-
2427MHz	Pass	AV	2.4248G	112.60	Inf	-Inf	3	Vertical	9	1.68	-
2427MHz	Pass	PK	2.3872G	72.70	74.00	-1.30	3	Vertical	9	1.68	-
2427MHz	Pass	PK	2.4244G	120.61	Inf	-Inf	3	Vertical	9	1.68	-
2427MHz	Pass	AV	2.3898G	52.51	54.00	-1.49	3	Horizontal	0	2.12	-
2427MHz	Pass	AV	2.4294G	111.81	Inf	-Inf	3	Horizontal	0	2.12	-
2427MHz	Pass	PK	2.39G	70.22	74.00	-3.78	3	Horizontal	0	2.12	-
2427MHz	Pass	PK	2.42G	120.31	Inf	-Inf	3	Horizontal	0	2.12	-
2432MHz	Pass	AV	2.388G	50.84	54.00	-3.16	3	Vertical	0	1.50	-
2432MHz	Pass	AV	2.4328G	112.85	Inf	-Inf	3	Vertical	0	1.50	-
2432MHz	Pass	PK	2.3882G	71.12	74.00	-2.88	3	Vertical	0	1.50	-
2432MHz	Pass	PK	2.432G	120.87	Inf	-Inf	3	Vertical	0	1.50	-
2432MHz	Pass	AV	2.3874G	50.98	54.00	-3.02	3	Horizontal	0	1.50	-
2432MHz	Pass	AV	2.4372G	112.70	Inf	-Inf	3	Horizontal	0	1.50	-
2432MHz	Pass	PK	2.3882G	72.13	74.00	-1.87	3	Horizontal	0	1.50	-
2432MHz	Pass	PK	2.437G	121.72	Inf	-Inf	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	2.3898G	51.41	54.00	-2.59	3	Vertical	3	1.50	-
2437MHz	Pass	AV	2.4386G	114.28	Inf	-Inf	3	Vertical	3	1.50	-
2437MHz	Pass	AV	2.4838G	52.37	54.00	-1.63	3	Vertical	3	1.50	-
2437MHz	Pass	PK	2.3898G	70.67	74.00	-3.33	3	Vertical	3	1.50	-
2437MHz	Pass	PK	2.4394G	122.16	Inf	-Inf	3	Vertical	3	1.50	-
2437MHz	Pass	PK	2.4846G	69.89	74.00	-4.11	3	Vertical	3	1.50	-
2437MHz	Pass	AV	2.3898G	50.83	54.00	-3.17	3	Horizontal	360	1.97	-
2437MHz	Pass	AV	2.4294G	112.83	Inf	-Inf	3	Horizontal	360	1.97	-
2437MHz	Pass	AV	2.4835G	51.78	54.00	-2.22	3	Horizontal	360	1.97	-
2437MHz	Pass	PK	2.3882G	66.06	74.00	-7.94	3	Horizontal	360	1.97	-
2437MHz	Pass	PK	2.4302G	121.11	Inf	-Inf	3	Horizontal	360	1.97	-
2437MHz	Pass	PK	2.4835G	66.70	74.00	-7.30	3	Horizontal	360	1.97	-
2437MHz	Pass	AV	4.8755G	36.62	54.00	-17.38	3	Vertical	0	2.09	-
2437MHz	Pass	AV	7.311G	44.05	54.00	-9.95	3	Vertical	206	2.50	-
2437MHz	Pass	PK	4.8749G	48.20	74.00	-25.80	3	Vertical	0	2.09	-
2437MHz	Pass	PK	7.311G	51.76	74.00	-22.24	3	Vertical	206	2.50	-
2437MHz	Pass	AV	4.87358G	35.12	54.00	-18.88	3	Horizontal	0	2.14	-
2437MHz	Pass	AV	7.31094G	43.57	54.00	-10.43	3	Horizontal	211	1.40	-
2437MHz	Pass	PK	4.8743G	46.56	74.00	-27.44	3	Horizontal	0	2.14	-
2437MHz	Pass	PK	7.31076G	51.93	74.00	-22.07	3	Horizontal	211	1.40	-
2442MHz	Pass	AV	2.446G	113.78	Inf	-Inf	3	Vertical	360	1.98	-
2442MHz	Pass	AV	2.486G	52.83	54.00	-1.17	3	Vertical	360	1.98	-
2442MHz	Pass	PK	2.4458G	121.52	Inf	-Inf	3	Vertical	360	1.98	-
2442MHz	Pass	PK	2.486G	71.97	74.00	-2.03	3	Vertical	360	1.98	-
2442MHz	Pass	AV	2.4442G	113.13	Inf	-Inf	3	Horizontal	0	1.90	-
2442MHz	Pass	AV	2.484G	51.65	54.00	-2.35	3	Horizontal	0	1.90	-
2442MHz	Pass	PK	2.4438G	121.43	Inf	-Inf	3	Horizontal	0	1.90	-



RSE TX above 1GHz Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	PK	2.4908G	67.11	74.00	-6.89	3	Horizontal	0	1.90	-
2447MHz	Pass	AV	2.4512G	112.01	Inf	-Inf	3	Vertical	0	1.83	-
2447MHz	Pass	AV	2.4835G	52.81	54.00	-1.19	3	Vertical	0	1.83	-
2447MHz	Pass	PK	2.4422G	120.34	Inf	-Inf	3	Vertical	0	1.83	-
2447MHz	Pass	PK	2.4838G	69.20	74.00	-4.80	3	Vertical	0	1.83	-
2447MHz	Pass	AV	2.4492G	111.44	Inf	-Inf	3	Horizontal	0	1.83	-
2447MHz	Pass	AV	2.4878G	51.37	54.00	-2.63	3	Horizontal	0	1.83	-
2447MHz	Pass	PK	2.4486G	119.98	Inf	-Inf	3	Horizontal	0	1.83	-
2447MHz	Pass	PK	2.4876G	68.83	74.00	-5.17	3	Horizontal	0	1.83	-
2452MHz	Pass	AV	2.45G	110.81	Inf	-Inf	3	Vertical	356	1.93	-
2452MHz	Pass	AV	2.4835G	52.68	54.00	-1.32	3	Vertical	356	1.93	-
2452MHz	Pass	PK	2.4494G	118.90	Inf	-Inf	3	Vertical	356	1.93	-
2452MHz	Pass	PK	2.4838G	70.94	74.00	-3.06	3	Vertical	356	1.93	-
2452MHz	Pass	AV	2.4588G	110.44	Inf	-Inf	3	Horizontal	360	1.85	-
2452MHz	Pass	AV	2.4878G	50.70	54.00	-3.30	3	Horizontal	360	1.85	-
2452MHz	Pass	PK	2.4596G	118.94	Inf	-Inf	3	Horizontal	360	1.85	-
2452MHz	Pass	PK	2.4858G	64.76	74.00	-9.24	3	Horizontal	360	1.85	-
2457MHz	Pass	AV	2.4628G	109.65	Inf	-Inf	3	Vertical	360	1.43	-
2457MHz	Pass	AV	2.4835G	52.78	54.00	-1.22	3	Vertical	360	1.43	-
2457MHz	Pass	PK	2.4626G	117.78	Inf	-Inf	3	Vertical	360	1.43	-
2457MHz	Pass	PK	2.4838G	71.25	74.00	-2.75	3	Vertical	360	1.43	-
2457MHz	Pass	AV	2.4544G	109.35	Inf	-Inf	3	Horizontal	360	1.91	-
2457MHz	Pass	AV	2.4835G	50.81	54.00	-3.19	3	Horizontal	360	1.91	-
2457MHz	Pass	PK	2.4544G	118.49	Inf	-Inf	3	Horizontal	360	1.91	-
2457MHz	Pass	PK	2.4835G	67.87	74.00	-6.13	3	Horizontal	360	1.91	-
2462MHz	Pass	AV	2.4636G	108.09	Inf	-Inf	3	Vertical	360	1.42	-
2462MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	360	1.42	-
2462MHz	Pass	PK	2.4634G	115.99	Inf	-Inf	3	Vertical	360	1.42	-
2462MHz	Pass	PK	2.4838G	69.03	74.00	-4.97	3	Vertical	360	1.42	-
2462MHz	Pass	AV	2.4662G	107.80	Inf	-Inf	3	Horizontal	6	1.49	-
2462MHz	Pass	AV	2.4842G	50.99	54.00	-3.01	3	Horizontal	6	1.49	-
2462MHz	Pass	PK	2.467G	116.53	Inf	-Inf	3	Horizontal	6	1.49	-
2462MHz	Pass	PK	2.4842G	65.48	74.00	-8.52	3	Horizontal	6	1.49	-
2462MHz	Pass	AV	4.92478G	33.63	54.00	-20.37	3	Vertical	0	2.29	-
2462MHz	Pass	AV	7.38594G	46.64	54.00	-7.36	3	Vertical	186	2.09	-
2462MHz	Pass	PK	4.92604G	45.67	74.00	-28.33	3	Vertical	0	2.29	-
2462MHz	Pass	PK	7.38582G	52.62	74.00	-21.38	3	Vertical	186	2.09	-
2462MHz	Pass	AV	4.9243G	32.93	54.00	-21.07	3	Horizontal	0	1.74	-
2462MHz	Pass	AV	7.38594G	43.02	54.00	-10.98	3	Horizontal	212	1.38	-
2462MHz	Pass	PK	4.924G	45.55	74.00	-28.45	3	Horizontal	0	1.74	-
2462MHz	Pass	PK	7.38594G	51.02	74.00	-22.98	3	Horizontal	212	1.38	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	52.88	54.00	-1.12	3	Vertical	12	1.95	-
2412MHz	Pass	AV	2.409G	105.00	Inf	-Inf	3	Vertical	12	1.95	-
2412MHz	Pass	PK	2.3892G	68.45	74.00	-5.55	3	Vertical	12	1.95	-
2412MHz	Pass	PK	2.409G	117.19	Inf	-Inf	3	Vertical	12	1.95	-
2412MHz	Pass	AV	2.39G	53.00	54.00	-1.00	3	Horizontal	0	1.92	-
2412MHz	Pass	AV	2.4054G	105.07	Inf	-Inf	3	Horizontal	0	1.92	-
2412MHz	Pass	PK	2.39G	68.25	74.00	-5.75	3	Horizontal	0	1.92	-
2412MHz	Pass	PK	2.4052G	116.96	Inf	-Inf	3	Horizontal	0	1.92	-
2412MHz	Pass	AV	4.82274G	33.25	54.00	-20.75	3	Vertical	356	2.07	-
2412MHz	Pass	PK	4.81764G	45.14	74.00	-28.86	3	Vertical	356	2.07	-
2412MHz	Pass	AV	4.82442G	31.99	54.00	-22.01	3	Horizontal	360	2.54	-
2412MHz	Pass	PK	4.8297G	44.99	74.00	-29.01	3	Horizontal	360	2.54	-
2417MHz	Pass	AV	2.389G	53.00	54.00	-1.00	3	Vertical	11	1.82	-
2417MHz	Pass	AV	2.414G	107.71	Inf	-Inf	3	Vertical	11	1.82	-
2417MHz	Pass	PK	2.3894G	70.25	74.00	-3.75	3	Vertical	11	1.82	-
2417MHz	Pass	PK	2.4138G	119.54	Inf	-Inf	3	Vertical	11	1.82	-
2417MHz	Pass	AV	2.39G	52.39	54.00	-1.61	3	Horizontal	0	1.74	-
2417MHz	Pass	AV	2.4102G	107.21	Inf	-Inf	3	Horizontal	0	1.74	-
2417MHz	Pass	PK	2.3896G	67.27	74.00	-6.73	3	Horizontal	0	1.74	-
2417MHz	Pass	PK	2.4098G	119.36	Inf	-Inf	3	Horizontal	0	1.74	-



RSE TX above 1GHz Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.39G	52.26	54.00	-1.74	3	Vertical	11	1.88	-
2422MHz	Pass	AV	2.4166G	109.18	Inf	-Inf	3	Vertical	11	1.88	-
2422MHz	Pass	PK	2.3868G	69.04	74.00	-4.96	3	Vertical	11	1.88	-
2422MHz	Pass	PK	2.4214G	119.67	Inf	-Inf	3	Vertical	11	1.88	-
2422MHz	Pass	AV	2.3876G	51.57	54.00	-2.43	3	Horizontal	0	2.11	-
2422MHz	Pass	AV	2.4178G	108.64	Inf	-Inf	3	Horizontal	0	2.11	-
2422MHz	Pass	PK	2.3878G	69.26	74.00	-4.74	3	Horizontal	0	2.11	-
2422MHz	Pass	PK	2.4184G	119.44	Inf	-Inf	3	Horizontal	0	2.11	-
2427MHz	Pass	AV	2.39G	52.00	54.00	-2.00	3	Vertical	0	1.72	-
2427MHz	Pass	AV	2.4246G	109.89	Inf	-Inf	3	Vertical	0	1.72	-
2427MHz	Pass	PK	2.39G	71.06	74.00	-2.94	3	Vertical	0	1.72	-
2427MHz	Pass	PK	2.4194G	121.03	Inf	-Inf	3	Vertical	0	1.72	-
2427MHz	Pass	AV	2.39G	51.44	54.00	-2.56	3	Horizontal	0	2.11	-
2427MHz	Pass	AV	2.4308G	109.30	Inf	-Inf	3	Horizontal	0	2.11	-
2427MHz	Pass	PK	2.3896G	69.25	74.00	-4.75	3	Horizontal	0	2.11	-
2427MHz	Pass	PK	2.4358G	120.83	Inf	-Inf	3	Horizontal	0	2.11	-
2432MHz	Pass	AV	2.3892G	52.12	54.00	-1.88	3	Vertical	0	1.73	-
2432MHz	Pass	AV	2.4346G	111.91	Inf	-Inf	3	Vertical	0	1.73	-
2432MHz	Pass	PK	2.388G	71.22	74.00	-2.78	3	Vertical	0	1.73	-
2432MHz	Pass	PK	2.429G	122.82	Inf	-Inf	3	Vertical	0	1.73	-
2432MHz	Pass	AV	2.3896G	51.58	54.00	-2.42	3	Horizontal	0	2.13	-
2432MHz	Pass	AV	2.436G	111.11	Inf	-Inf	3	Horizontal	0	2.13	-
2432MHz	Pass	PK	2.3892G	71.64	74.00	-2.36	3	Horizontal	0	2.13	-
2432MHz	Pass	PK	2.436G	122.92	Inf	-Inf	3	Horizontal	0	2.13	-
2437MHz	Pass	AV	2.3874G	50.36	54.00	-3.64	3	Vertical	352	1.72	-
2437MHz	Pass	AV	2.4354G	112.05	Inf	-Inf	3	Vertical	352	1.72	-
2437MHz	Pass	AV	2.4838G	51.65	54.00	-2.35	3	Vertical	352	1.72	-
2437MHz	Pass	PK	2.387G	71.22	74.00	-2.78	3	Vertical	352	1.72	-
2437MHz	Pass	PK	2.4354G	123.18	Inf	-Inf	3	Vertical	352	1.72	-
2437MHz	Pass	PK	2.4846G	71.98	74.00	-2.02	3	Vertical	352	1.72	-
2437MHz	Pass	AV	2.3886G	50.05	54.00	-3.95	3	Horizontal	360	1.49	-
2437MHz	Pass	AV	2.4346G	111.53	Inf	-Inf	3	Horizontal	360	1.49	-
2437MHz	Pass	AV	2.491G	50.88	54.00	-3.12	3	Horizontal	360	1.49	-
2437MHz	Pass	PK	2.3838G	67.29	74.00	-6.71	3	Horizontal	360	1.49	-
2437MHz	Pass	PK	2.4342G	122.97	Inf	-Inf	3	Horizontal	360	1.49	-
2437MHz	Pass	PK	2.4914G	66.12	74.00	-7.88	3	Horizontal	360	1.49	-
2437MHz	Pass	AV	4.8746G	34.95	54.00	-19.05	3	Vertical	360	2.26	-
2437MHz	Pass	AV	7.31094G	45.98	54.00	-8.02	3	Vertical	205	2.15	-
2437MHz	Pass	PK	4.86938G	48.21	74.00	-25.79	3	Vertical	360	2.26	-
2437MHz	Pass	PK	7.311G	53.26	74.00	-20.74	3	Vertical	205	2.15	-
2437MHz	Pass	AV	4.8704G	33.71	54.00	-20.29	3	Horizontal	3	1.50	-
2437MHz	Pass	AV	7.31094G	44.61	54.00	-9.39	3	Horizontal	210	2.01	-
2437MHz	Pass	PK	4.87028G	46.80	74.00	-27.20	3	Horizontal	3	1.50	-
2437MHz	Pass	PK	7.31088G	52.17	74.00	-21.83	3	Horizontal	210	2.01	-
2442MHz	Pass	AV	2.447G	111.60	Inf	-Inf	3	Vertical	0	1.99	-
2442MHz	Pass	AV	2.4835G	52.54	54.00	-1.46	3	Vertical	0	1.99	-
2442MHz	Pass	PK	2.4472G	122.86	Inf	-Inf	3	Vertical	0	1.99	-
2442MHz	Pass	PK	2.4878G	72.38	74.00	-1.62	3	Vertical	0	1.99	-
2442MHz	Pass	AV	2.443G	111.21	Inf	-Inf	3	Horizontal	0	1.91	-
2442MHz	Pass	AV	2.4835G	52.11	54.00	-1.89	3	Horizontal	0	1.91	-
2442MHz	Pass	PK	2.443G	122.38	Inf	-Inf	3	Horizontal	0	1.91	-
2442MHz	Pass	PK	2.4836G	72.19	74.00	-1.81	3	Horizontal	0	1.91	-
2447MHz	Pass	AV	2.4458G	109.84	Inf	-Inf	3	Vertical	9	1.97	-
2447MHz	Pass	AV	2.486G	50.51	54.00	-3.49	3	Vertical	9	1.97	-
2447MHz	Pass	PK	2.4456G	120.70	Inf	-Inf	3	Vertical	9	1.97	-
2447MHz	Pass	PK	2.4862G	72.00	74.00	-2.00	3	Vertical	9	1.97	-
2447MHz	Pass	AV	2.4496G	109.30	Inf	-Inf	3	Horizontal	0	1.41	-
2447MHz	Pass	AV	2.4842G	50.32	54.00	-3.68	3	Horizontal	0	1.41	-
2447MHz	Pass	PK	2.444G	120.28	Inf	-Inf	3	Horizontal	0	1.41	-
2447MHz	Pass	PK	2.4846G	66.63	74.00	-7.37	3	Horizontal	0	1.41	-
2452MHz	Pass	AV	2.4546G	109.21	Inf	-Inf	3	Vertical	0	1.80	-
2452MHz	Pass	AV	2.4844G	52.41	54.00	-1.59	3	Vertical	0	1.80	-



RSE TX above 1GHz Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4546G	120.52	Inf	-Inf	3	Vertical	0	1.80	-
2452MHz	Pass	PK	2.485G	68.42	74.00	-5.58	3	Vertical	0	1.80	-
2452MHz	Pass	AV	2.4556G	108.77	Inf	-Inf	3	Horizontal	0	1.84	-
2452MHz	Pass	AV	2.4844G	51.19	54.00	-2.81	3	Horizontal	0	1.84	-
2452MHz	Pass	PK	2.4608G	119.75	Inf	-Inf	3	Horizontal	0	1.84	-
2452MHz	Pass	PK	2.485G	66.15	74.00	-7.85	3	Horizontal	0	1.84	-
2457MHz	Pass	AV	2.46G	107.31	Inf	-Inf	3	Vertical	0	1.79	-
2457MHz	Pass	AV	2.4846G	51.19	54.00	-2.81	3	Vertical	0	1.79	-
2457MHz	Pass	PK	2.4538G	118.69	Inf	-Inf	3	Vertical	0	1.79	-
2457MHz	Pass	PK	2.4848G	71.29	74.00	-2.71	3	Vertical	0	1.79	-
2457MHz	Pass	AV	2.4624G	106.59	Inf	-Inf	3	Horizontal	0	1.65	-
2457MHz	Pass	AV	2.4876G	50.16	54.00	-3.84	3	Horizontal	0	1.65	-
2457MHz	Pass	PK	2.4622G	118.37	Inf	-Inf	3	Horizontal	0	1.65	-
2457MHz	Pass	PK	2.4835G	69.52	74.00	-4.48	3	Horizontal	0	1.65	-
2462MHz	Pass	AV	2.4648G	105.73	Inf	-Inf	3	Vertical	0	1.57	-
2462MHz	Pass	AV	2.4852G	50.85	54.00	-3.15	3	Vertical	0	1.57	-
2462MHz	Pass	PK	2.4652G	117.39	Inf	-Inf	3	Vertical	0	1.57	-
2462MHz	Pass	PK	2.4858G	72.32	74.00	-1.68	3	Vertical	0	1.57	-
2462MHz	Pass	AV	2.4628G	105.25	Inf	-Inf	3	Horizontal	0	2.04	-
2462MHz	Pass	AV	2.4835G	49.94	54.00	-4.06	3	Horizontal	0	2.04	-
2462MHz	Pass	PK	2.4588G	116.76	Inf	-Inf	3	Horizontal	0	2.04	-
2462MHz	Pass	PK	2.4835G	69.38	74.00	-4.62	3	Horizontal	0	2.04	-
2462MHz	Pass	AV	4.9246G	32.61	54.00	-21.39	3	Vertical	360	2.24	-
2462MHz	Pass	AV	7.38588G	44.45	54.00	-9.55	3	Vertical	206	2.05	-
2462MHz	Pass	PK	4.91962G	45.78	74.00	-28.22	3	Vertical	360	2.24	-
2462MHz	Pass	PK	7.38606G	52.27	74.00	-21.73	3	Vertical	206	2.05	-
2462MHz	Pass	AV	4.92382G	32.08	54.00	-21.92	3	Horizontal	106	1.50	-
2462MHz	Pass	AV	7.38594G	45.04	54.00	-8.96	3	Horizontal	212	1.92	-
2462MHz	Pass	PK	4.93078G	44.78	74.00	-29.22	3	Horizontal	106	1.50	-
2462MHz	Pass	PK	7.3857G	51.94	74.00	-22.06	3	Horizontal	212	1.92	-
802.11ax HEW40_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.388G	52.75	54.00	-1.25	3	Vertical	9	1.80	-
2422MHz	Pass	AV	2.4084G	100.57	Inf	-Inf	3	Vertical	9	1.80	-
2422MHz	Pass	AV	2.4884G	49.18	54.00	-4.82	3	Vertical	9	1.80	-
2422MHz	Pass	PK	2.3888G	63.37	74.00	-10.63	3	Vertical	9	1.80	-
2422MHz	Pass	PK	2.414G	111.13	Inf	-Inf	3	Vertical	9	1.80	-
2422MHz	Pass	PK	2.4852G	59.65	74.00	-14.35	3	Vertical	9	1.80	-
2422MHz	Pass	AV	2.3876G	52.99	54.00	-1.01	3	Horizontal	0	1.72	-
2422MHz	Pass	AV	2.4072G	100.67	Inf	-Inf	3	Horizontal	0	1.72	-
2422MHz	Pass	AV	2.4988G	49.43	54.00	-4.57	3	Horizontal	0	1.72	-
2422MHz	Pass	PK	2.3876G	63.33	74.00	-10.67	3	Horizontal	0	1.72	-
2422MHz	Pass	PK	2.4068G	112.02	Inf	-Inf	3	Horizontal	0	1.72	-
2422MHz	Pass	PK	2.4936G	61.31	74.00	-12.69	3	Horizontal	0	1.72	-
2422MHz	Pass	AV	4.8652G	32.89	54.00	-21.11	3	Vertical	216	2.98	-
2422MHz	Pass	AV	7.266G	44.43	54.00	-9.57	3	Vertical	221	2.51	-
2422MHz	Pass	PK	4.8682G	44.23	74.00	-29.77	3	Vertical	216	2.98	-
2422MHz	Pass	PK	7.2661G	51.54	74.00	-22.46	3	Vertical	221	2.51	-
2422MHz	Pass	AV	4.8636G	33.03	54.00	-20.97	3	Horizontal	0	1.50	-
2422MHz	Pass	AV	7.2658G	43.78	54.00	-10.22	3	Horizontal	210	1.98	-
2422MHz	Pass	PK	4.8398G	44.42	74.00	-29.58	3	Horizontal	0	1.50	-
2422MHz	Pass	PK	7.2659G	51.61	74.00	-22.39	3	Horizontal	210	1.98	-
2427MHz	Pass	AV	2.3894G	52.64	54.00	-1.36	3	Vertical	355	1.72	-
2427MHz	Pass	AV	2.4338G	100.96	Inf	-Inf	3	Vertical	355	1.72	-
2427MHz	Pass	AV	2.4942G	49.22	54.00	-4.78	3	Vertical	355	1.72	-
2427MHz	Pass	PK	2.3886G	63.30	74.00	-10.70	3	Vertical	355	1.72	-
2427MHz	Pass	PK	2.419G	111.85	Inf	-Inf	3	Vertical	355	1.72	-
2427MHz	Pass	PK	2.4966G	60.63	74.00	-13.37	3	Vertical	355	1.72	-
2427MHz	Pass	AV	2.3898G	52.39	54.00	-1.61	3	Horizontal	0	1.72	-
2427MHz	Pass	AV	2.4094G	100.63	Inf	-Inf	3	Horizontal	0	1.72	-
2427MHz	Pass	AV	2.4974G	49.22	54.00	-4.78	3	Horizontal	0	1.72	-
2427MHz	Pass	PK	2.3894G	63.34	74.00	-10.66	3	Horizontal	0	1.72	-
2427MHz	Pass	PK	2.4194G	110.82	Inf	-Inf	3	Horizontal	0	1.72	-



RSE TX above 1GHz Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	PK	2.4882G	59.73	74.00	-14.27	3	Horizontal	0	1.72	-
2432MHz	Pass	AV	2.388G	52.25	54.00	-1.75	3	Vertical	0	1.90	-
2432MHz	Pass	AV	2.4468G	102.52	Inf	-Inf	3	Vertical	0	1.90	-
2432MHz	Pass	AV	2.4908G	49.79	54.00	-4.21	3	Vertical	0	1.90	-
2432MHz	Pass	PK	2.3876G	63.25	74.00	-10.75	3	Vertical	0	1.90	-
2432MHz	Pass	PK	2.4172G	112.86	Inf	-Inf	3	Vertical	0	1.90	-
2432MHz	Pass	PK	2.4872G	61.08	74.00	-12.92	3	Vertical	0	1.90	-
2432MHz	Pass	AV	2.3888G	52.88	54.00	-1.12	3	Horizontal	6	1.50	-
2432MHz	Pass	AV	2.434G	102.29	Inf	-Inf	3	Horizontal	6	1.50	-
2432MHz	Pass	AV	2.4848G	50.14	54.00	-3.86	3	Horizontal	6	1.50	-
2432MHz	Pass	PK	2.3892G	64.06	74.00	-9.94	3	Horizontal	6	1.50	-
2432MHz	Pass	PK	2.424G	113.45	Inf	-Inf	3	Horizontal	6	1.50	-
2432MHz	Pass	PK	2.492G	61.65	74.00	-12.35	3	Horizontal	6	1.50	-
2437MHz	Pass	AV	2.3898G	52.64	54.00	-1.36	3	Vertical	360	2.01	-
2437MHz	Pass	AV	2.4438G	104.19	Inf	-Inf	3	Vertical	360	2.01	-
2437MHz	Pass	AV	2.4842G	51.66	54.00	-2.34	3	Vertical	360	2.01	-
2437MHz	Pass	PK	2.3886G	64.73	74.00	-9.27	3	Vertical	360	2.01	-
2437MHz	Pass	PK	2.4542G	115.73	Inf	-Inf	3	Vertical	360	2.01	-
2437MHz	Pass	PK	2.4846G	63.86	74.00	-10.14	3	Vertical	360	2.01	-
2437MHz	Pass	AV	2.3886G	52.25	54.00	-1.75	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	2.4346G	104.17	Inf	-Inf	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	2.4846G	51.02	54.00	-2.98	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	2.3886G	63.62	74.00	-10.38	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	2.429G	115.15	Inf	-Inf	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	2.485G	62.81	74.00	-11.19	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	4.874G	33.67	54.00	-20.33	3	Vertical	174	2.08	-
2437MHz	Pass	AV	7.3109G	45.85	54.00	-8.15	3	Vertical	206	1.98	-
2437MHz	Pass	PK	4.8685G	45.41	74.00	-28.59	3	Vertical	174	2.08	-
2437MHz	Pass	PK	7.3109G	52.11	74.00	-21.89	3	Vertical	206	1.98	-
2437MHz	Pass	AV	4.8611G	33.30	54.00	-20.70	3	Horizontal	360	1.86	-
2437MHz	Pass	AV	7.3109G	44.79	54.00	-9.21	3	Horizontal	211	1.50	-
2437MHz	Pass	PK	4.8946G	44.49	74.00	-29.51	3	Horizontal	360	1.86	-
2437MHz	Pass	PK	7.311G	51.17	74.00	-22.83	3	Horizontal	211	1.50	-
2442MHz	Pass	AV	2.444G	104.18	Inf	-Inf	3	Vertical	0	1.97	-
2442MHz	Pass	AV	2.3896G	51.00	54.00	-3.00	3	Vertical	0	1.97	-
2442MHz	Pass	AV	2.4844G	52.96	54.00	-1.04	3	Vertical	0	1.97	-
2442MHz	Pass	PK	2.434G	115.31	Inf	-Inf	3	Vertical	0	1.97	-
2442MHz	Pass	PK	2.39G	61.68	74.00	-12.32	3	Vertical	0	1.97	-
2442MHz	Pass	PK	2.4896G	64.00	74.00	-10.00	3	Vertical	0	1.97	-
2442MHz	Pass	AV	2.3868G	49.69	54.00	-4.31	3	Horizontal	0	1.85	-
2442MHz	Pass	AV	2.4532G	103.97	Inf	-Inf	3	Horizontal	0	1.85	-
2442MHz	Pass	AV	2.4835G	51.34	54.00	-2.66	3	Horizontal	0	1.85	-
2442MHz	Pass	PK	2.382G	60.69	74.00	-13.31	3	Horizontal	0	1.85	-
2442MHz	Pass	PK	2.4528G	115.21	Inf	-Inf	3	Horizontal	0	1.85	-
2442MHz	Pass	PK	2.4835G	63.54	74.00	-10.46	3	Horizontal	0	1.85	-
2447MHz	Pass	AV	2.3894G	49.18	54.00	-4.82	3	Vertical	360	1.84	-
2447MHz	Pass	AV	2.4542G	103.00	Inf	-Inf	3	Vertical	360	1.84	-
2447MHz	Pass	AV	2.4835G	52.68	54.00	-1.32	3	Vertical	360	1.84	-
2447MHz	Pass	PK	2.3886G	59.44	74.00	-14.56	3	Vertical	360	1.84	-
2447MHz	Pass	PK	2.439G	113.48	Inf	-Inf	3	Vertical	360	1.84	-
2447MHz	Pass	PK	2.4842G	63.71	74.00	-10.29	3	Vertical	360	1.84	-
2447MHz	Pass	AV	2.3874G	48.58	54.00	-5.42	3	Horizontal	360	1.85	-
2447MHz	Pass	AV	2.453G	102.83	Inf	-Inf	3	Horizontal	360	1.85	-
2447MHz	Pass	AV	2.4835G	50.84	54.00	-3.16	3	Horizontal	360	1.85	-
2447MHz	Pass	PK	2.3894G	60.20	74.00	-13.80	3	Horizontal	360	1.85	-
2447MHz	Pass	PK	2.4578G	113.77	Inf	-Inf	3	Horizontal	360	1.85	-
2447MHz	Pass	PK	2.493G	61.56	74.00	-12.44	3	Horizontal	360	1.85	-
2452MHz	Pass	AV	2.39G	48.41	54.00	-5.59	3	Vertical	8	2.01	-
2452MHz	Pass	AV	2.4636G	101.55	Inf	-Inf	3	Vertical	8	2.01	-
2452MHz	Pass	AV	2.4835G	52.54	54.00	-1.46	3	Vertical	8	2.01	-
2452MHz	Pass	PK	2.3792G	58.98	74.00	-15.02	3	Vertical	8	2.01	-
2452MHz	Pass	PK	2.444G	111.45	Inf	-Inf	3	Vertical	8	2.01	-



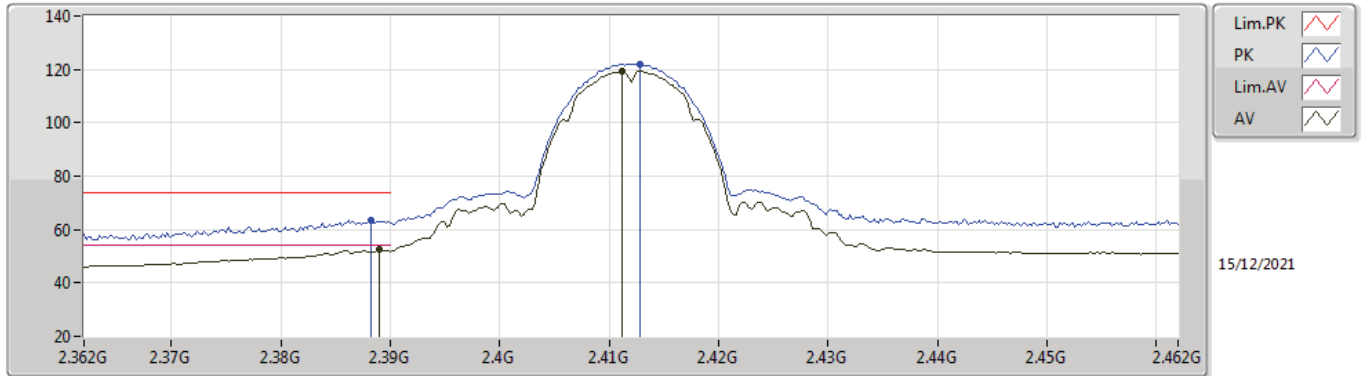
RSE TX above 1GHz _Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.486G	63.15	74.00	-10.85	3	Vertical	8	2.01	-
2452MHz	Pass	AV	2.3876G	48.19	54.00	-5.81	3	Horizontal	0	1.67	-
2452MHz	Pass	AV	2.4624G	101.94	Inf	-Inf	3	Horizontal	0	1.67	-
2452MHz	Pass	AV	2.4872G	51.20	54.00	-2.80	3	Horizontal	0	1.67	-
2452MHz	Pass	PK	2.376G	58.85	74.00	-15.15	3	Horizontal	0	1.67	-
2452MHz	Pass	PK	2.4624G	113.20	Inf	-Inf	3	Horizontal	0	1.67	-
2452MHz	Pass	PK	2.4876G	61.64	74.00	-12.36	3	Horizontal	0	1.67	-
2452MHz	Pass	AV	4.9217G	33.80	54.00	-20.20	3	Vertical	116	2.73	-
2452MHz	Pass	AV	7.3559G	46.97	54.00	-7.03	3	Vertical	204	2.27	-
2452MHz	Pass	PK	4.922G	44.97	74.00	-29.03	3	Vertical	116	2.73	-
2452MHz	Pass	PK	7.3561G	53.13	74.00	-20.87	3	Vertical	204	2.27	-
2452MHz	Pass	AV	4.9107G	33.62	54.00	-20.38	3	Horizontal	360	2.26	-
2452MHz	Pass	AV	7.3558G	45.35	54.00	-8.65	3	Horizontal	212	1.50	-
2452MHz	Pass	PK	4.9102G	44.58	74.00	-29.42	3	Horizontal	360	2.26	-
2452MHz	Pass	PK	7.356G	51.96	74.00	-22.04	3	Horizontal	212	1.50	-

802.11b_Nss1,(1Mbps)_4TX

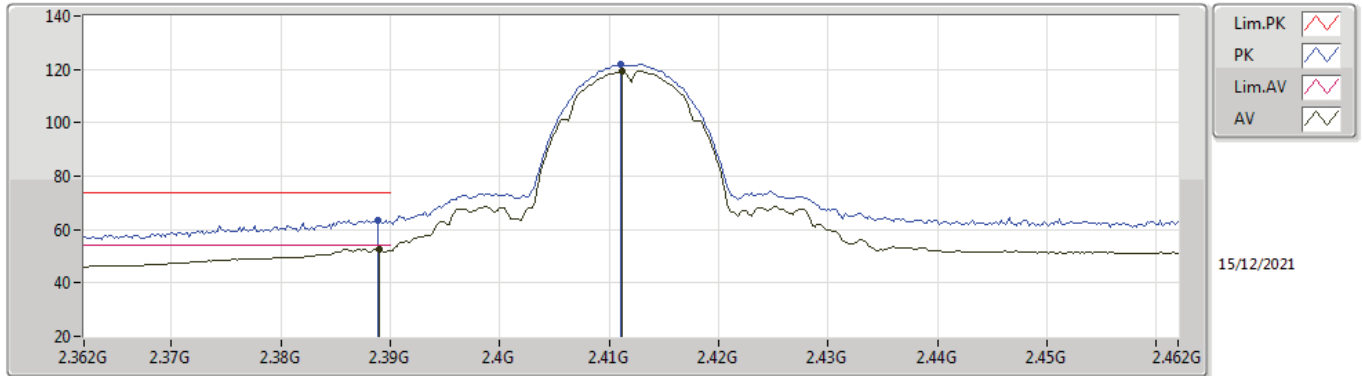
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	52.38	54.00	-1.62	31.75	3	Vertical	0	1.73	-	20.63	27.38	4.37	-
AV	2.4112G	119.49	Inf	-Inf	31.84	3	Vertical	0	1.73	-	87.65	27.44	4.40	-
PK	2.3882G	63.52	74.00	-10.48	31.75	3	Vertical	0	1.73	-	31.77	27.38	4.37	-
PK	2.4128G	121.93	Inf	-Inf	31.85	3	Vertical	0	1.73	-	90.08	27.45	4.40	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

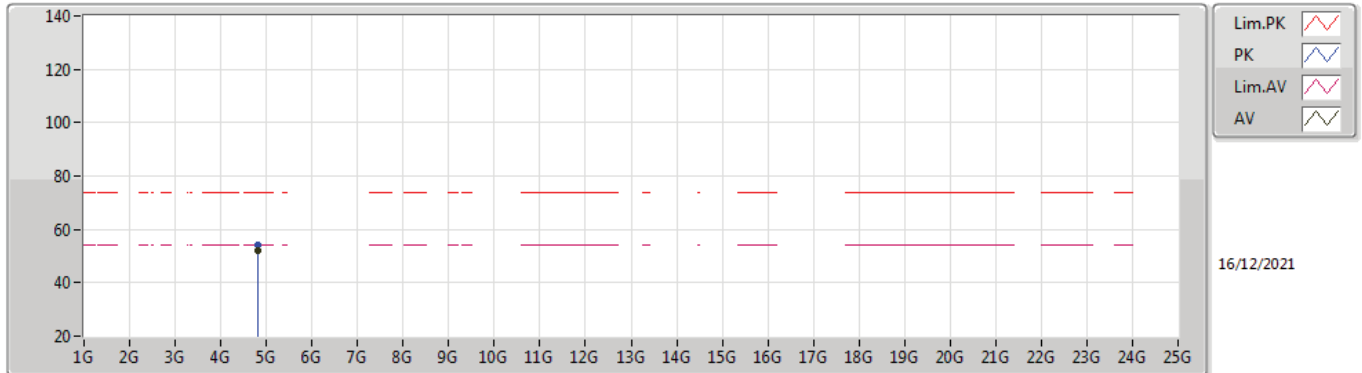


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	52.50	54.00	-1.50	31.75	3	Horizontal	0	1.65	-	20.75	27.38	4.37	-
AV	2.4112G	119.52	Inf	-Inf	31.84	3	Horizontal	0	1.65	-	87.68	27.44	4.40	-
PK	2.3888G	63.62	74.00	-10.38	31.75	3	Horizontal	0	1.65	-	31.87	27.38	4.37	-
PK	2.411G	121.87	Inf	-Inf	31.84	3	Horizontal	0	1.65	-	90.03	27.44	4.40	-



802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

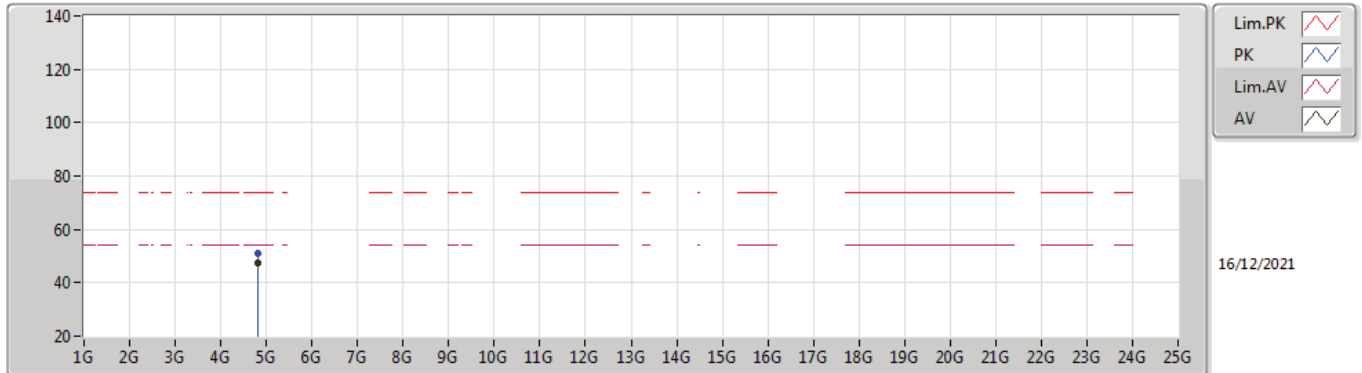


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82394G	51.92	54.00	-2.08	4.42	3	Vertical	0	1.94	-	47.50	32.60	6.27	34.45
PK	4.824G	54.39	74.00	-19.61	4.42	3	Vertical	0	1.94	-	49.97	32.60	6.27	34.45



802.11b_Nss1,(1Mbps)_4TX

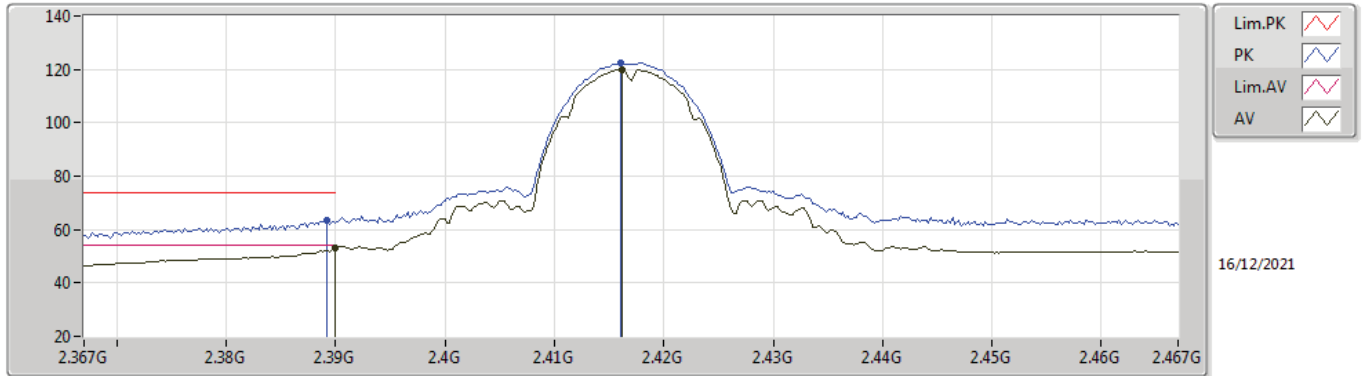
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	47.21	54.00	-6.79	4.42	3	Horizontal	11	1.37	-	42.79	32.60	6.27	34.45
PK	4.824G	51.03	74.00	-22.97	4.42	3	Horizontal	11	1.37	-	46.61	32.60	6.27	34.45

802.11b_Nss1,(1Mbps)_4TX

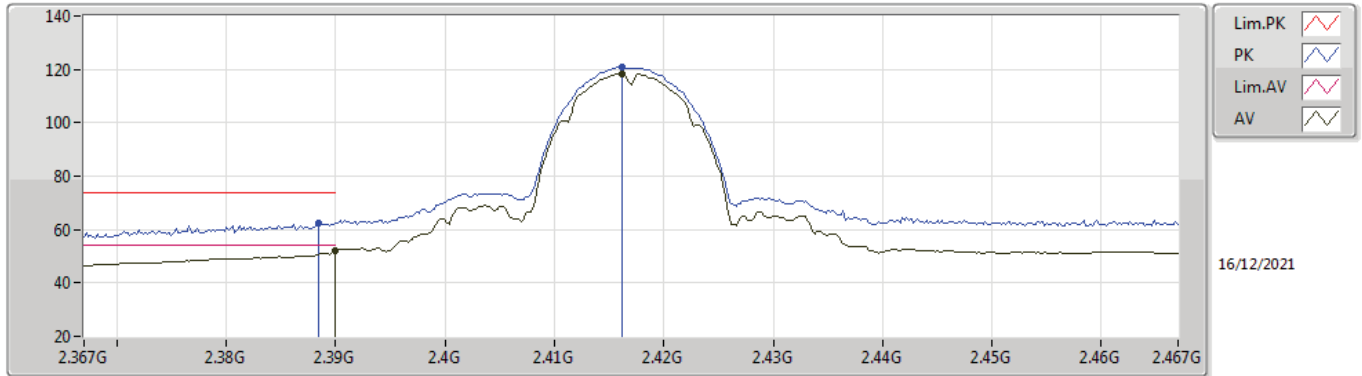
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.85	54.00	-1.15	31.75	3	Vertical	357	1.57	-	21.10	27.38	4.37	-
AV	2.4162G	120.07	Inf	-Inf	31.86	3	Vertical	357	1.57	-	88.21	27.46	4.40	-
PK	2.3892G	63.56	74.00	-10.44	31.75	3	Vertical	357	1.57	-	31.81	27.38	4.37	-
PK	2.416G	122.50	Inf	-Inf	31.86	3	Vertical	357	1.57	-	90.64	27.46	4.40	-

802.11b_Nss1,(1Mbps)_4TX

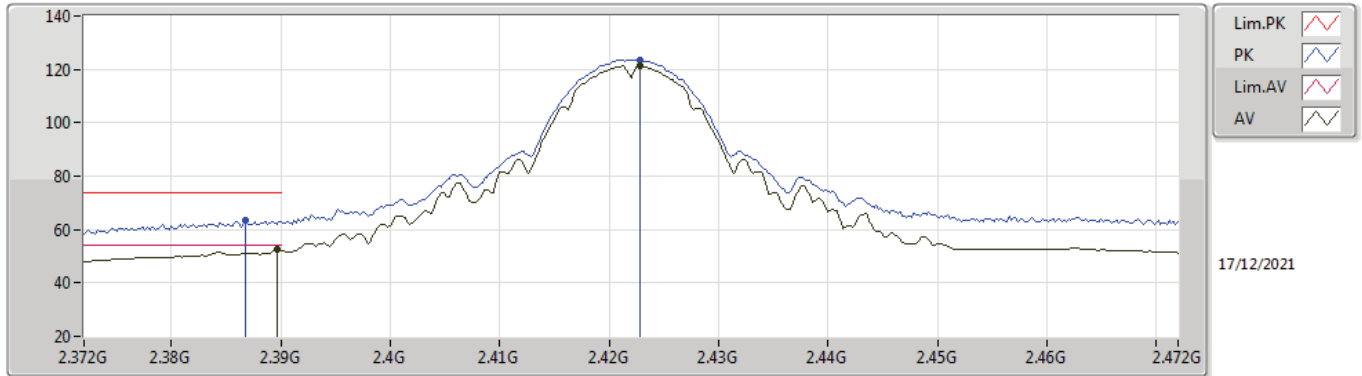
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.97	54.00	-2.03	31.75	3	Horizontal	354	2.17	-	20.22	27.38	4.37	-
AV	2.4162G	118.53	Inf	-Inf	31.86	3	Horizontal	354	2.17	-	86.67	27.46	4.40	-
PK	2.3884G	62.67	74.00	-11.33	31.75	3	Horizontal	354	2.17	-	30.92	27.38	4.37	-
PK	2.4162G	121.01	Inf	-Inf	31.86	3	Horizontal	354	2.17	-	89.15	27.46	4.40	-

802.11b_Nss1,(1Mbps)_4TX

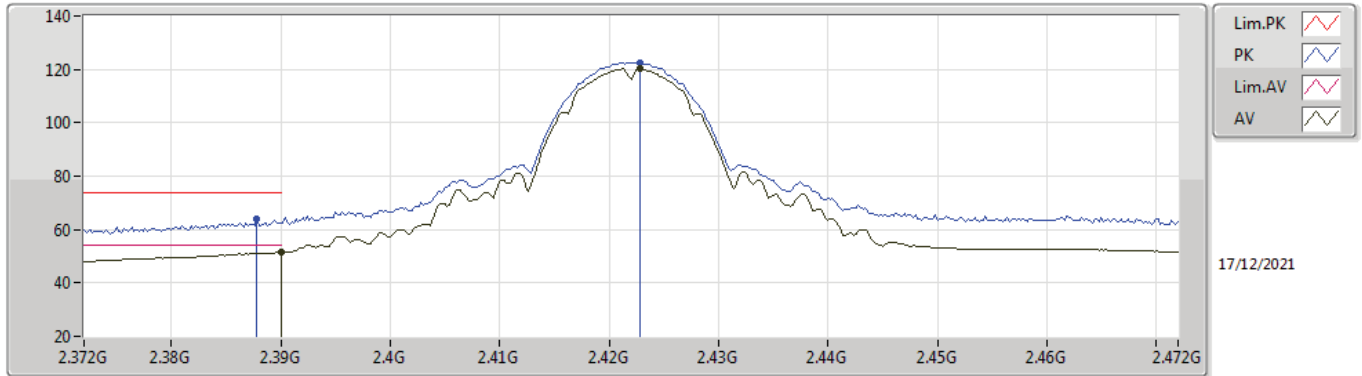
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	52.39	54.00	-1.61	31.75	3	Vertical	0	1.70	-	20.64	27.38	4.37	-
AV	2.4228G	121.37	Inf	-Inf	31.90	3	Vertical	0	1.70	-	89.47	27.49	4.41	-
PK	2.3868G	63.24	74.00	-10.76	31.74	3	Vertical	0	1.70	-	31.50	27.37	4.37	-
PK	2.4228G	123.68	Inf	-Inf	31.90	3	Vertical	0	1.70	-	91.78	27.49	4.41	-

802.11b_Nss1,(1Mbps)_4TX

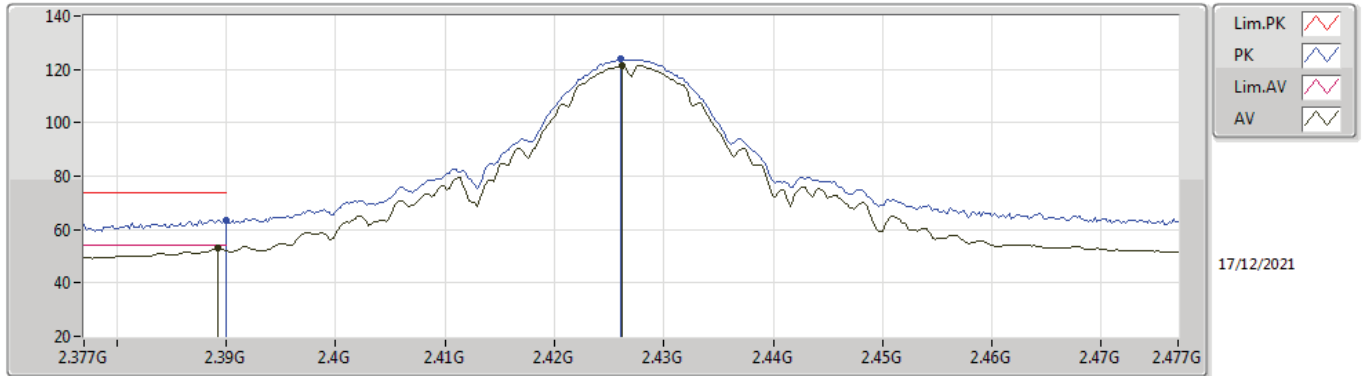
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.59	54.00	-2.41	31.75	3	Horizontal	0	1.67	-	19.84	27.38	4.37	-
AV	2.4228G	120.22	Inf	-Inf	31.90	3	Horizontal	0	1.67	-	88.32	27.49	4.41	-
PK	2.3878G	63.71	74.00	-10.29	31.75	3	Horizontal	0	1.67	-	31.96	27.38	4.37	-
PK	2.4228G	122.55	Inf	-Inf	31.90	3	Horizontal	0	1.67	-	90.65	27.49	4.41	-

802.11b_Nss1,(1Mbps)_4TX

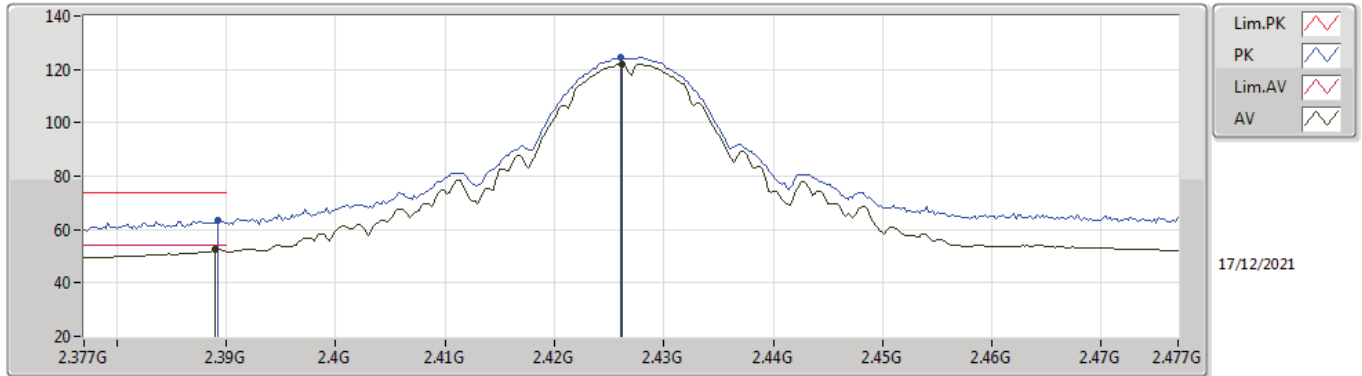
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	52.88	54.00	-1.12	31.75	3	Vertical	0	1.96	-	21.13	27.38	4.37	-
AV	2.4262G	121.57	Inf	-Inf	31.92	3	Vertical	0	1.96	-	89.65	27.50	4.42	-
PK	2.39G	63.63	74.00	-10.37	31.75	3	Vertical	0	1.96	-	31.88	27.38	4.37	-
PK	2.426G	123.88	Inf	-Inf	31.92	3	Vertical	0	1.96	-	91.96	27.50	4.42	-

802.11b_Nss1,(1Mbps)_4TX

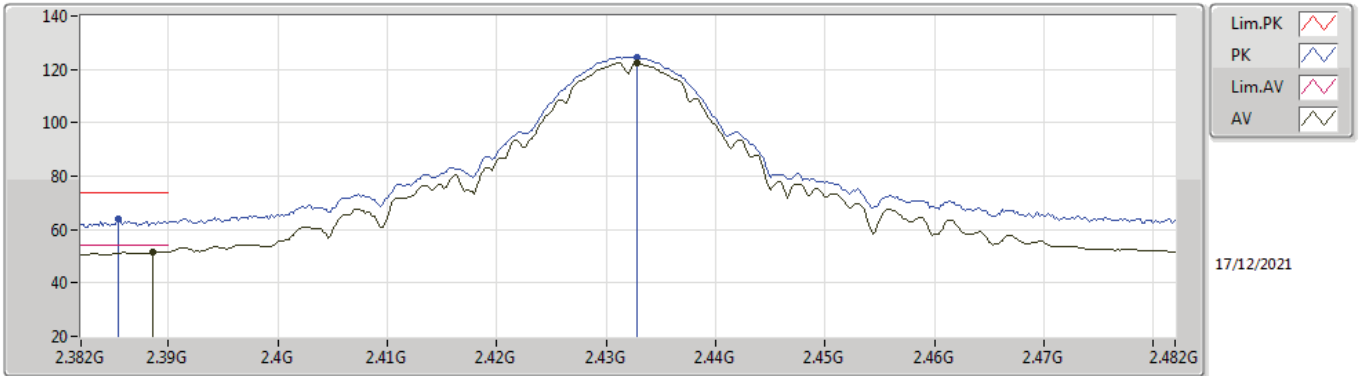
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	52.38	54.00	-1.62	31.75	3	Horizontal	0	1.49	-	20.63	27.38	4.37	-
AV	2.4262G	122.10	Inf	-Inf	31.92	3	Horizontal	0	1.49	-	90.18	27.50	4.42	-
PK	2.3892G	63.19	74.00	-10.81	31.75	3	Horizontal	0	1.49	-	31.44	27.38	4.37	-
PK	2.426G	124.50	Inf	-Inf	31.92	3	Horizontal	0	1.49	-	92.58	27.50	4.42	-

802.11b_Nss1,(1Mbps)_4TX

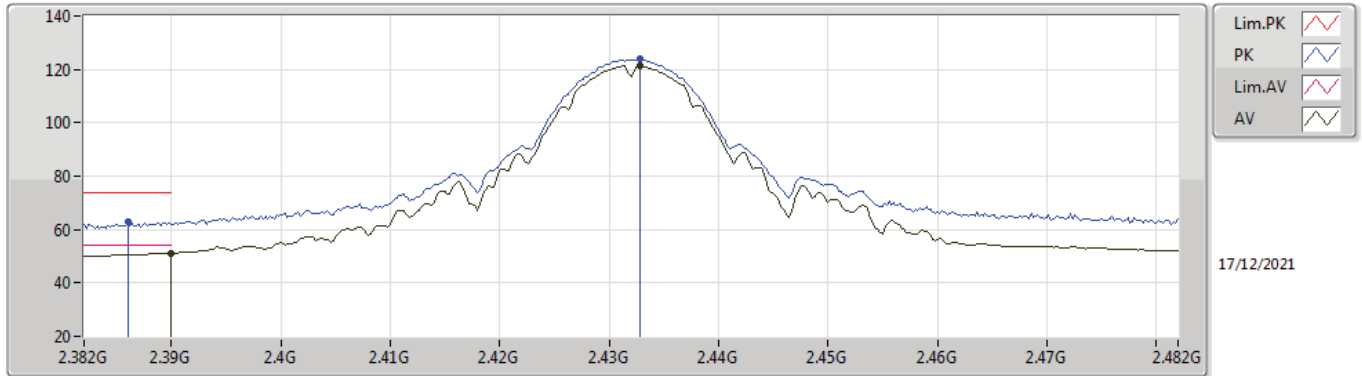
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	51.72	54.00	-2.28	31.75	3	Vertical	360	1.72	-	19.97	27.38	4.37	-
AV	2.4328G	122.41	Inf	-Inf	31.96	3	Vertical	360	1.72	-	90.45	27.53	4.43	-
PK	2.3854G	63.82	74.00	-10.18	31.73	3	Vertical	360	1.72	-	32.09	27.37	4.36	-
PK	2.4328G	124.74	Inf	-Inf	31.96	3	Vertical	360	1.72	-	92.78	27.53	4.43	-

802.11b_Nss1,(1Mbps)_4TX

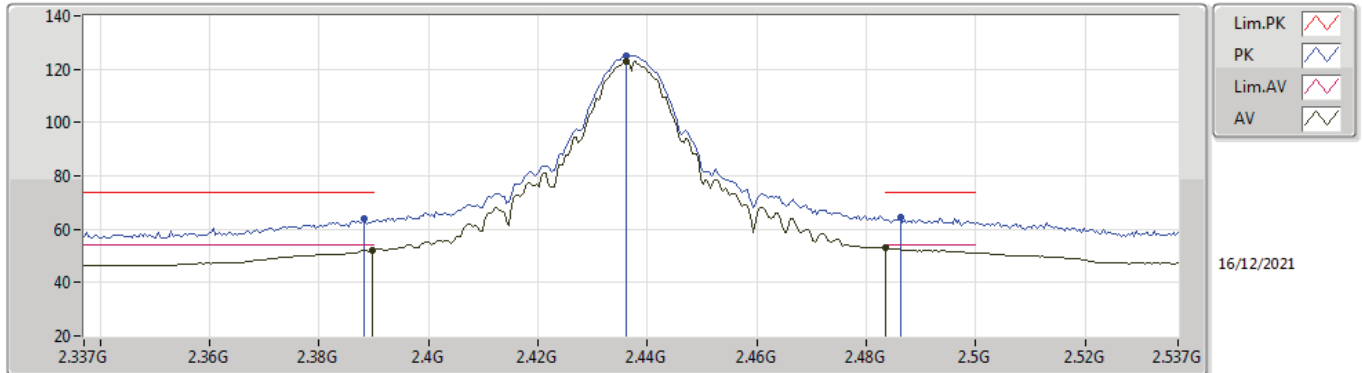
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.16	54.00	-2.84	31.75	3	Horizontal	3	1.50	-	19.41	27.38	4.37	-
AV	2.4328G	121.47	Inf	-Inf	31.96	3	Horizontal	3	1.50	-	89.51	27.53	4.43	-
PK	2.386G	63.05	74.00	-10.95	31.74	3	Horizontal	3	1.50	-	31.31	27.37	4.37	-
PK	2.4328G	123.80	Inf	-Inf	31.96	3	Horizontal	3	1.50	-	91.84	27.53	4.43	-

802.11b_Nss1,(1Mbps)_4TX

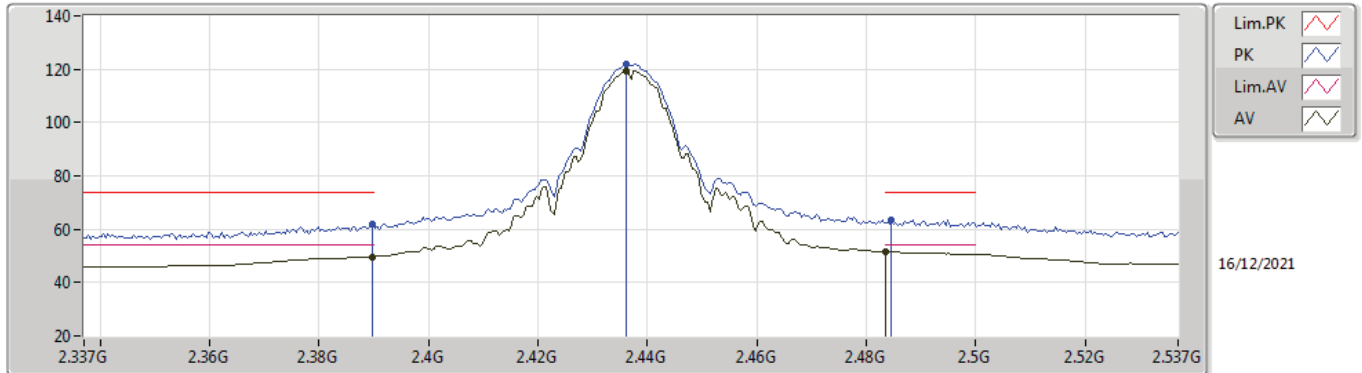
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.97	54.00	-2.03	31.75	3	Vertical	357	1.50	-	20.22	27.38	4.37	-
AV	2.4362G	122.70	Inf	-Inf	31.97	3	Vertical	357	1.50	-	90.73	27.54	4.43	-
AV	2.4835G	52.92	54.00	-1.08	32.30	3	Vertical	357	1.50	-	20.62	27.80	4.50	-
PK	2.3882G	63.89	74.00	-10.11	31.75	3	Vertical	357	1.50	-	32.14	27.38	4.37	-
PK	2.4362G	125.12	Inf	-Inf	31.97	3	Vertical	357	1.50	-	93.15	27.54	4.43	-
PK	2.4862G	64.70	74.00	-9.30	32.32	3	Vertical	357	1.50	-	32.38	27.82	4.50	-

802.11b_Nss1,(1Mbps)_4TX

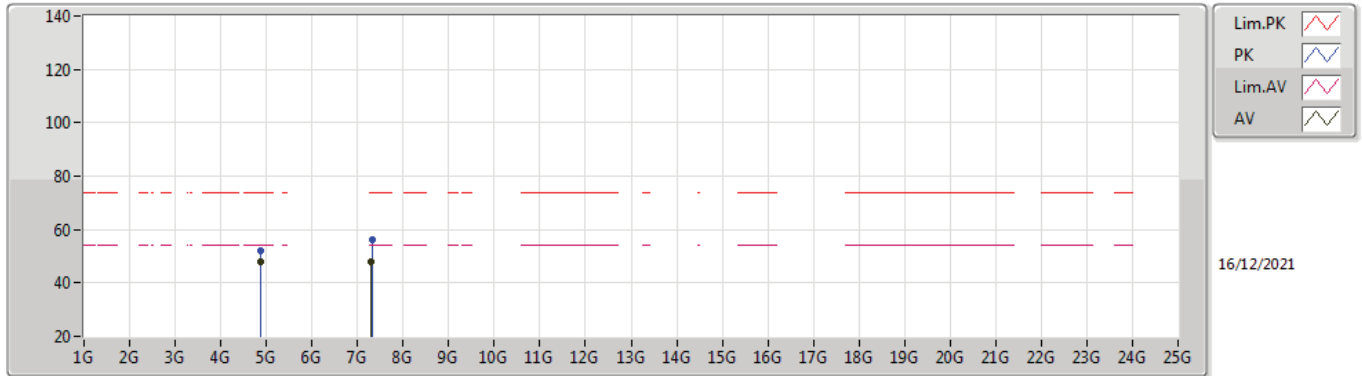
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.69	54.00	-4.31	31.75	3	Horizontal	345	1.91	-	17.94	27.38	4.37	-
AV	2.4362G	119.53	Inf	-Inf	31.97	3	Horizontal	345	1.91	-	87.56	27.54	4.43	-
AV	2.4835G	51.62	54.00	-2.38	32.30	3	Horizontal	345	1.91	-	19.32	27.80	4.50	-
PK	2.3898G	61.65	74.00	-12.35	31.75	3	Horizontal	345	1.91	-	29.90	27.38	4.37	-
PK	2.4362G	121.80	Inf	-Inf	31.97	3	Horizontal	345	1.91	-	89.83	27.54	4.43	-
PK	2.4846G	63.40	74.00	-10.60	32.31	3	Horizontal	345	1.91	-	31.09	27.81	4.50	-

802.11b_Nss1,(1Mbps)_4TX

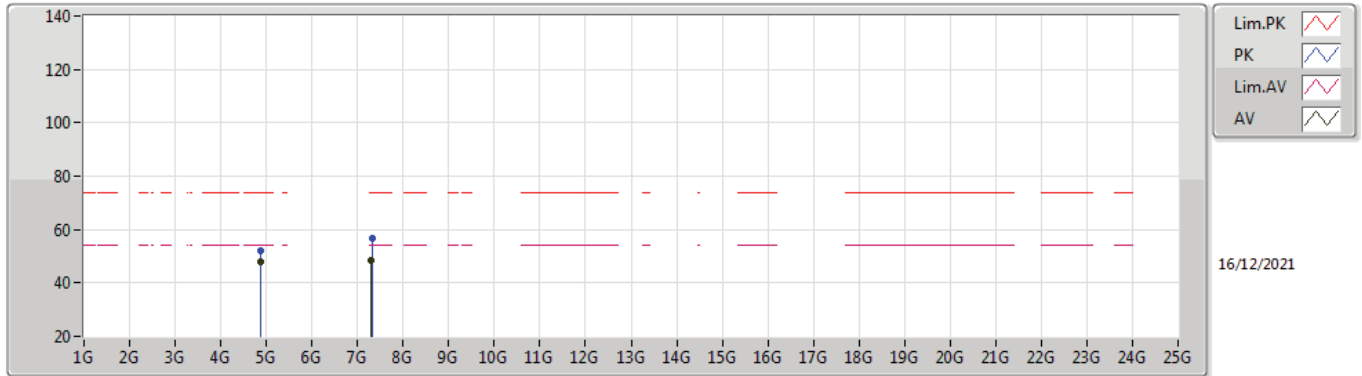
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87395G	47.85	54.00	-6.15	4.61	3	Vertical	357	1.50	-	43.24	32.75	6.30	34.44
AV	7.31008G	48.07	54.00	-5.93	10.07	3	Vertical	223	1.52	-	38.00	36.74	8.14	34.81
PK	4.87399G	52.02	74.00	-21.98	4.61	3	Vertical	357	1.50	-	47.41	32.75	6.30	34.44
PK	7.31092G	56.22	74.00	-17.78	10.07	3	Vertical	223	1.52	-	46.15	36.74	8.14	34.81

802.11b_Nss1,(1Mbps)_4TX

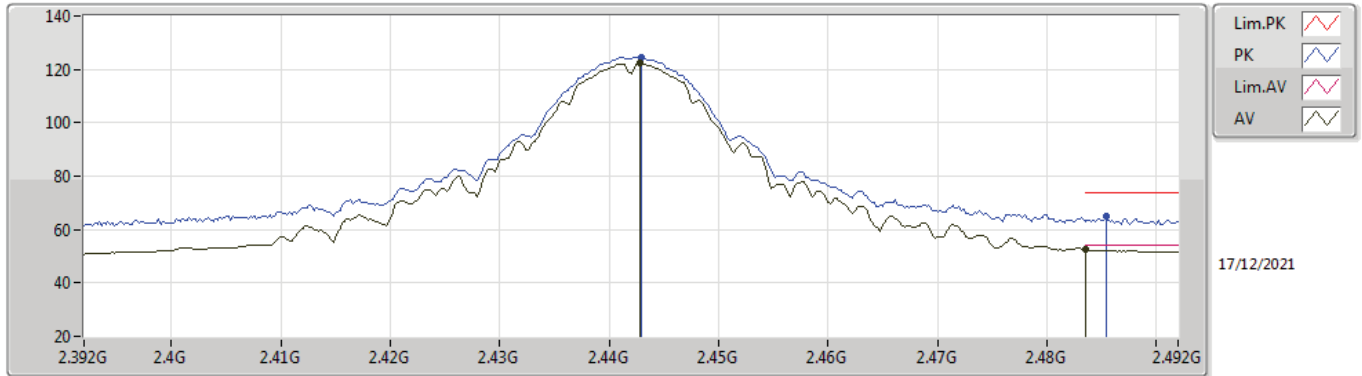
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	47.93	54.00	-6.07	4.61	3	Horizontal	360	2.12	-	43.32	32.75	6.30	34.44
AV	7.31012G	48.45	54.00	-5.55	10.07	3	Horizontal	191	2.05	-	38.38	36.74	8.14	34.81
PK	4.87392G	51.84	74.00	-22.16	4.61	3	Horizontal	360	2.12	-	47.23	32.75	6.30	34.44
PK	7.31098G	56.94	74.00	-17.06	10.07	3	Horizontal	191	2.05	-	46.87	36.74	8.14	34.81

802.11b_Nss1,(1Mbps)_4TX

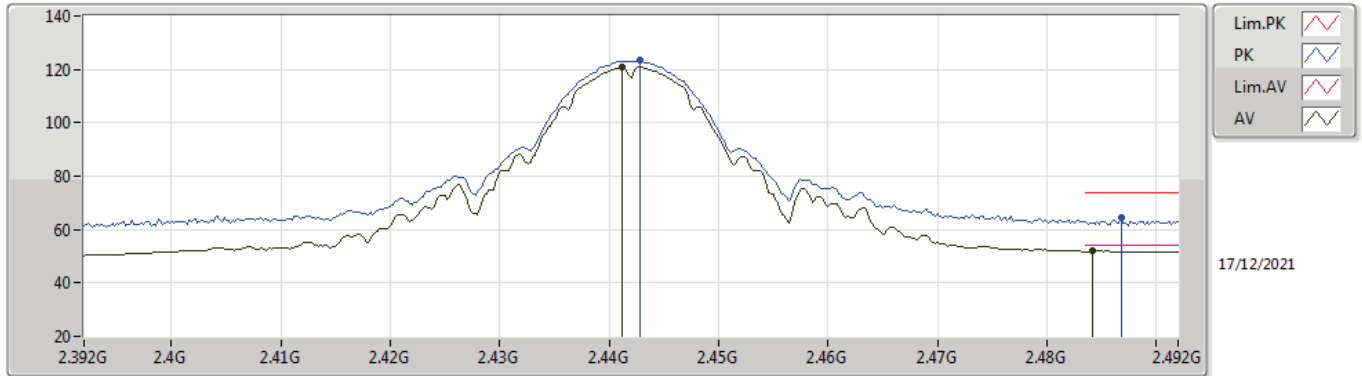
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4428G	122.27	Inf	-Inf	32.01	3	Vertical	0	1.99	-	90.26	27.57	4.44	-
AV	2.4835G	52.54	54.00	-1.46	32.30	3	Vertical	0	1.99	-	20.24	27.80	4.50	-
PK	2.443G	124.59	Inf	-Inf	32.01	3	Vertical	0	1.99	-	92.58	27.57	4.44	-
PK	2.4854G	64.76	74.00	-9.24	32.31	3	Vertical	0	1.99	-	32.45	27.81	4.50	-

802.11b_Nss1,(1Mbps)_4TX

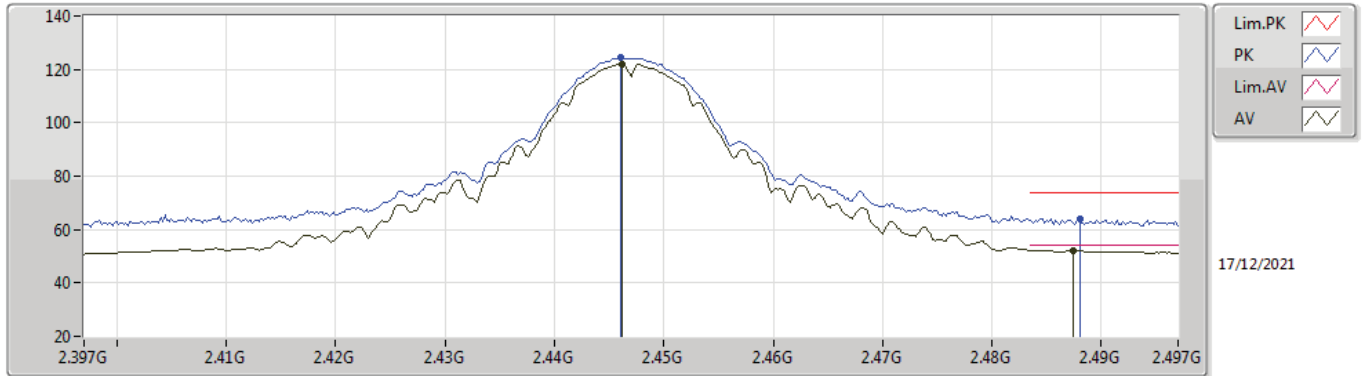
2442MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4412G	120.88	Inf	-Inf	32.00	3	Horizontal	3	1.50	-	88.88	27.56	4.44	-
AV	2.4842G	51.82	54.00	-2.18	32.31	3	Horizontal	3	1.50	-	19.51	27.81	4.50	-
PK	2.4428G	123.26	Inf	-Inf	32.01	3	Horizontal	3	1.50	-	91.25	27.57	4.44	-
PK	2.4868G	64.39	74.00	-9.61	32.33	3	Horizontal	3	1.50	-	32.06	27.82	4.51	-

802.11b_Nss1,(1Mbps)_4TX

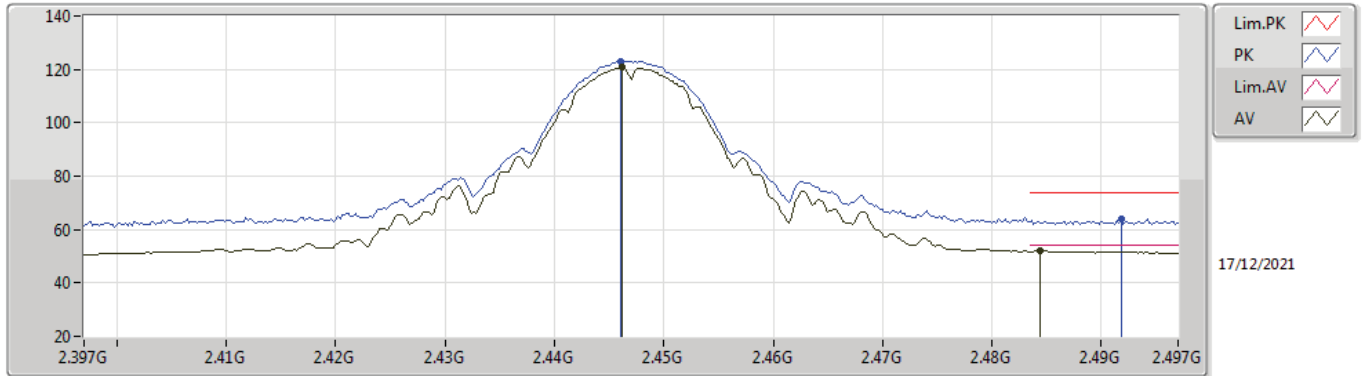
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4462G	122.04	Inf	-Inf	32.03	3	Vertical	0	1.98	-	90.01	27.58	4.45	-
AV	2.4874G	52.27	54.00	-1.73	32.33	3	Vertical	0	1.98	-	19.94	27.82	4.51	-
PK	2.446G	124.43	Inf	-Inf	32.03	3	Vertical	0	1.98	-	92.40	27.58	4.45	-
PK	2.488G	64.10	74.00	-9.90	32.34	3	Vertical	0	1.98	-	31.76	27.83	4.51	-

802.11b_Nss1,(1Mbps)_4TX

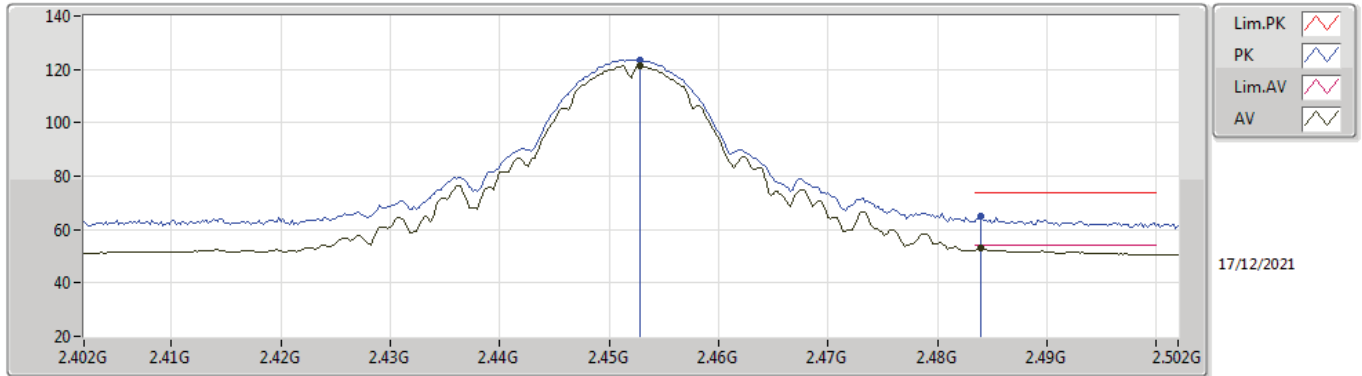
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4462G	120.87	Inf	-Inf	32.03	3	Horizontal	0	1.41	-	88.84	27.58	4.45	-
AV	2.4844G	52.26	54.00	-1.74	32.31	3	Horizontal	0	1.41	-	19.95	27.81	4.50	-
PK	2.446G	123.18	Inf	-Inf	32.03	3	Horizontal	0	1.41	-	91.15	27.58	4.45	-
PK	2.4918G	64.11	74.00	-9.89	32.36	3	Horizontal	0	1.41	-	31.75	27.85	4.51	-

802.11b_Nss1,(1Mbps)_4TX

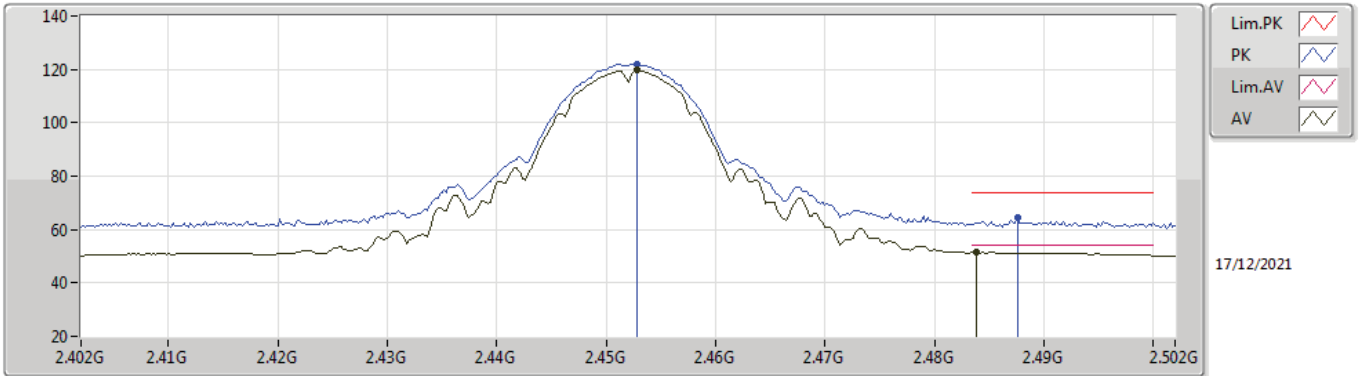
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4528G	121.34	Inf	-Inf	32.08	3	Vertical	0	1.89	-	89.26	27.62	4.46	-
AV	2.484G	52.95	54.00	-1.05	32.30	3	Vertical	0	1.89	-	20.65	27.80	4.50	-
PK	2.4528G	123.67	Inf	-Inf	32.08	3	Vertical	0	1.89	-	91.59	27.62	4.46	-
PK	2.484G	65.08	74.00	-8.92	32.30	3	Vertical	0	1.89	-	32.78	27.80	4.50	-

802.11b_Nss1,(1Mbps)_4TX

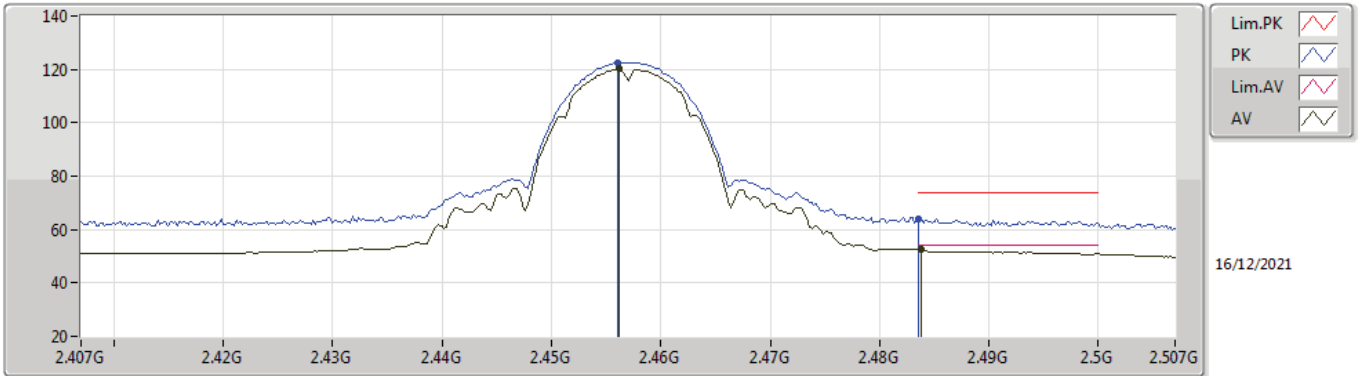
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4528G	119.67	Inf	-Inf	32.08	3	Horizontal	0	2.48	-	87.59	27.62	4.46	-
AV	2.4838G	51.50	54.00	-2.50	32.30	3	Horizontal	0	2.48	-	19.20	27.80	4.50	-
PK	2.4528G	122.04	Inf	-Inf	32.08	3	Horizontal	0	2.48	-	89.96	27.62	4.46	-
PK	2.4876G	64.29	74.00	-9.71	32.34	3	Horizontal	0	2.48	-	31.95	27.83	4.51	-

802.11b_Nss1,(1Mbps)_4TX

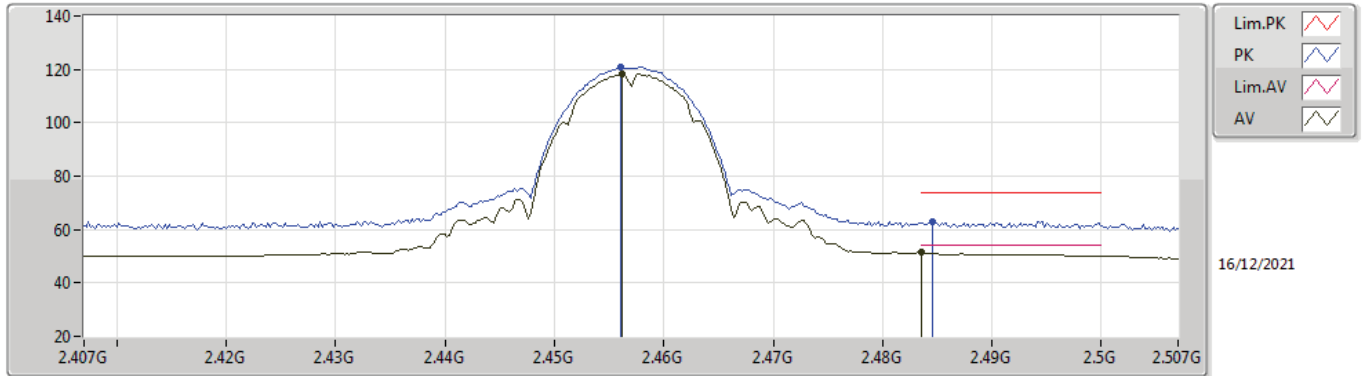
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	120.15	Inf	-Inf	32.10	3	Vertical	357	1.90	-	88.05	27.64	4.46	-
AV	2.4838G	52.65	54.00	-1.35	32.30	3	Vertical	357	1.90	-	20.35	27.80	4.50	-
PK	2.456G	122.64	Inf	-Inf	32.10	3	Vertical	357	1.90	-	90.54	27.64	4.46	-
PK	2.4835G	63.86	74.00	-10.14	32.30	3	Vertical	357	1.90	-	31.56	27.80	4.50	-

802.11b_Nss1,(1Mbps)_4TX

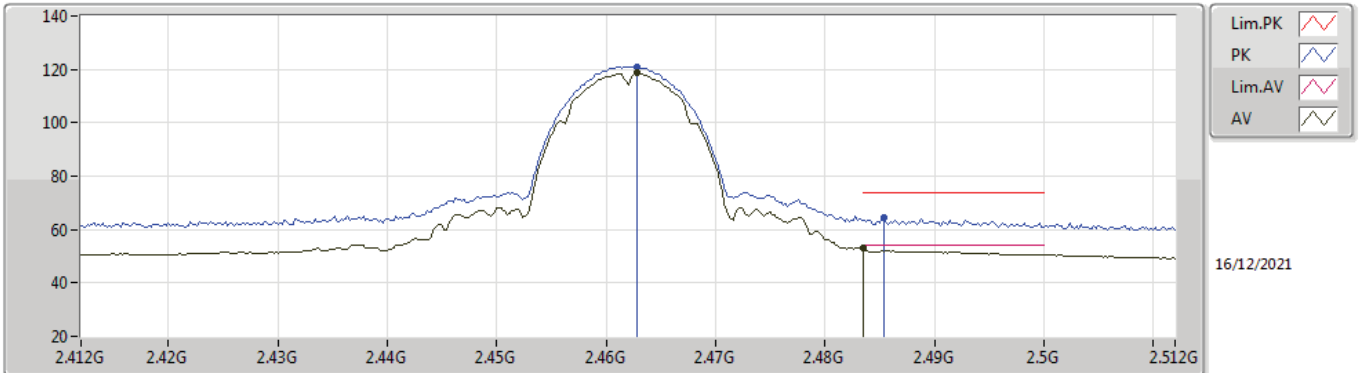
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	118.32	Inf	-Inf	32.10	3	Horizontal	0	2.73	-	86.22	27.64	4.46	-
AV	2.4835G	51.31	54.00	-2.69	32.30	3	Horizontal	0	2.73	-	19.01	27.80	4.50	-
PK	2.456G	120.66	Inf	-Inf	32.10	3	Horizontal	0	2.73	-	88.56	27.64	4.46	-
PK	2.4846G	62.99	74.00	-11.01	32.31	3	Horizontal	0	2.73	-	30.68	27.81	4.50	-

802.11b_Nss1,(1Mbps)_4TX

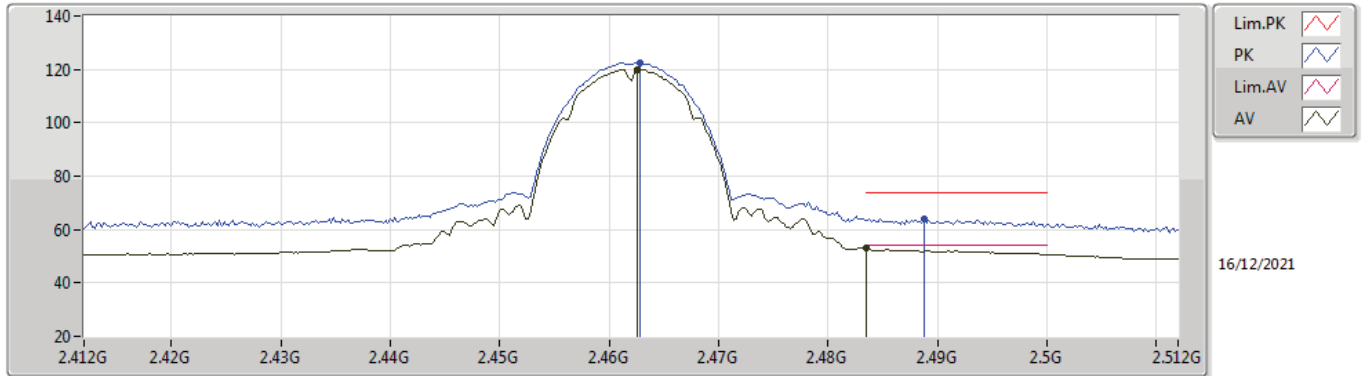
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	118.54	Inf	-Inf	32.15	3	Vertical	360	1.50	-	86.39	27.68	4.47	-
AV	2.4835G	52.92	54.00	-1.08	32.30	3	Vertical	360	1.50	-	20.62	27.80	4.50	-
PK	2.4628G	120.98	Inf	-Inf	32.15	3	Vertical	360	1.50	-	88.83	27.68	4.47	-
PK	2.4854G	64.45	74.00	-9.55	32.31	3	Vertical	360	1.50	-	32.14	27.81	4.50	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

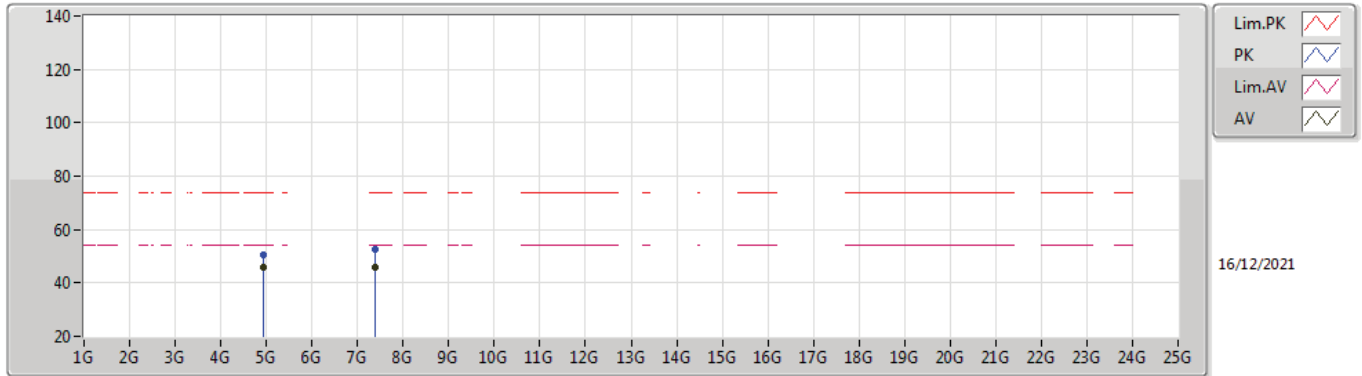


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4626G	120.03	Inf	-Inf	32.15	3	Horizontal	0	1.48	-	87.88	27.68	4.47	-
AV	2.4835G	52.92	54.00	-1.08	32.30	3	Horizontal	0	1.48	-	20.62	27.80	4.50	-
PK	2.4628G	122.48	Inf	-Inf	32.15	3	Horizontal	0	1.48	-	90.33	27.68	4.47	-
PK	2.4888G	64.03	74.00	-9.97	32.34	3	Horizontal	0	1.48	-	31.69	27.83	4.51	-



802.11b_Nss1,(1Mbps)_4TX

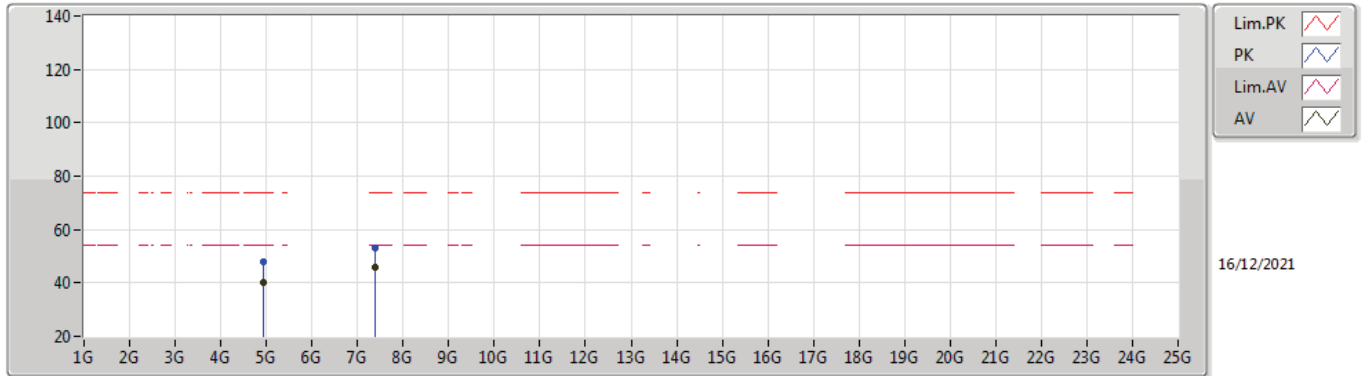
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92394G	45.85	54.00	-8.15	4.83	3	Vertical	356	1.50	-	41.02	32.94	6.33	34.44
AV	7.38592G	45.71	54.00	-8.29	9.96	3	Vertical	205	2.34	-	35.75	36.68	8.11	34.83
PK	4.92386G	50.71	74.00	-23.29	4.83	3	Vertical	356	1.50	-	45.88	32.94	6.33	34.44
PK	7.38598G	52.77	74.00	-21.23	9.96	3	Vertical	205	2.34	-	42.81	36.68	8.11	34.83

802.11b_Nss1,(1Mbps)_4TX

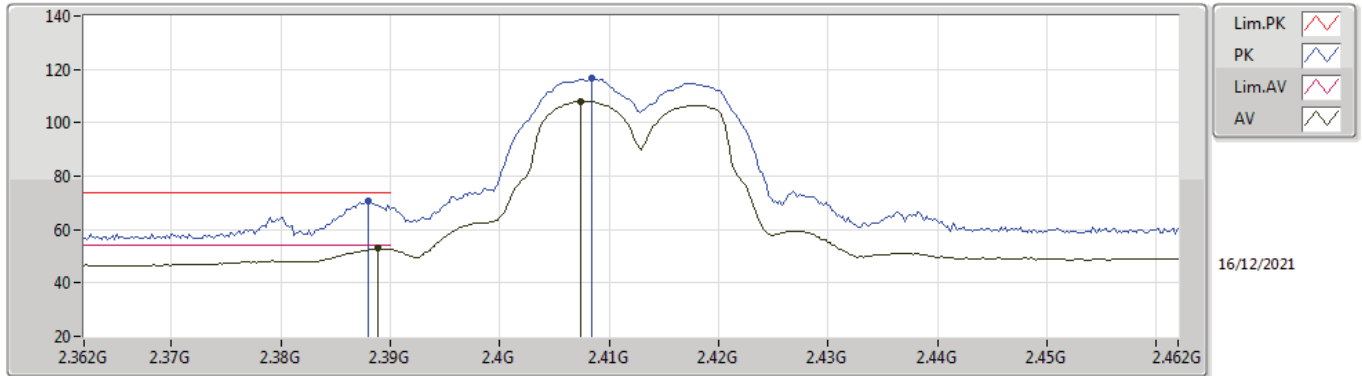
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92394G	40.42	54.00	-13.58	4.83	3	Horizontal	356	1.84	-	35.59	32.94	6.33	34.44
AV	7.38594G	46.01	54.00	-7.99	9.96	3	Horizontal	209	1.84	-	36.05	36.68	8.11	34.83
PK	4.9242G	47.89	74.00	-26.11	4.84	3	Horizontal	356	1.84	-	43.05	32.95	6.33	34.44
PK	7.38608G	53.09	74.00	-20.91	9.96	3	Horizontal	209	1.84	-	43.13	36.68	8.11	34.83

802.11g_Nss1,(6Mbps)_4TX

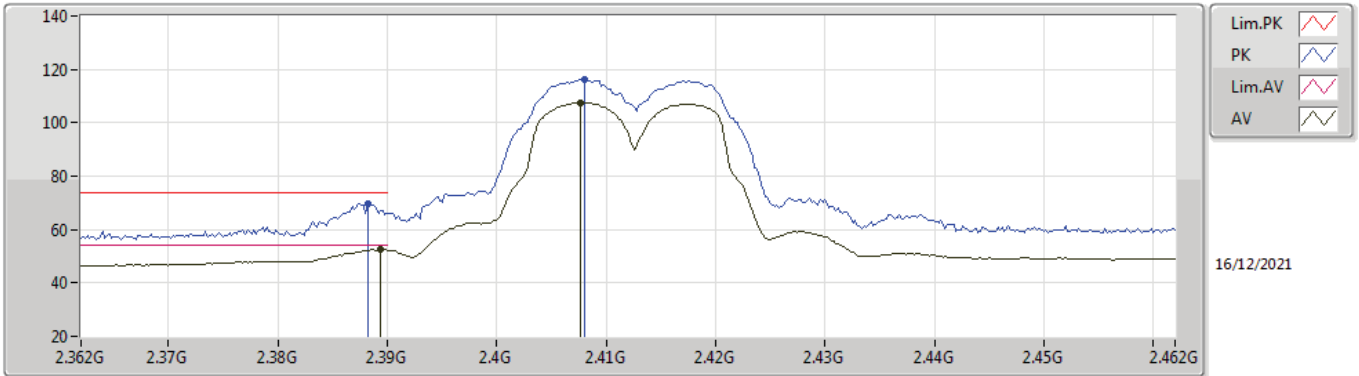
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	52.85	54.00	-1.15	31.75	3	Vertical	360	1.66	-	21.10	27.38	4.37	-
AV	2.4074G	108.07	Inf	-Inf	31.82	3	Vertical	360	1.66	-	76.25	27.43	4.39	-
PK	2.388G	70.91	74.00	-3.09	31.75	3	Vertical	360	1.66	-	39.16	27.38	4.37	-
PK	2.4084G	116.49	Inf	-Inf	31.82	3	Vertical	360	1.66	-	84.67	27.43	4.39	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

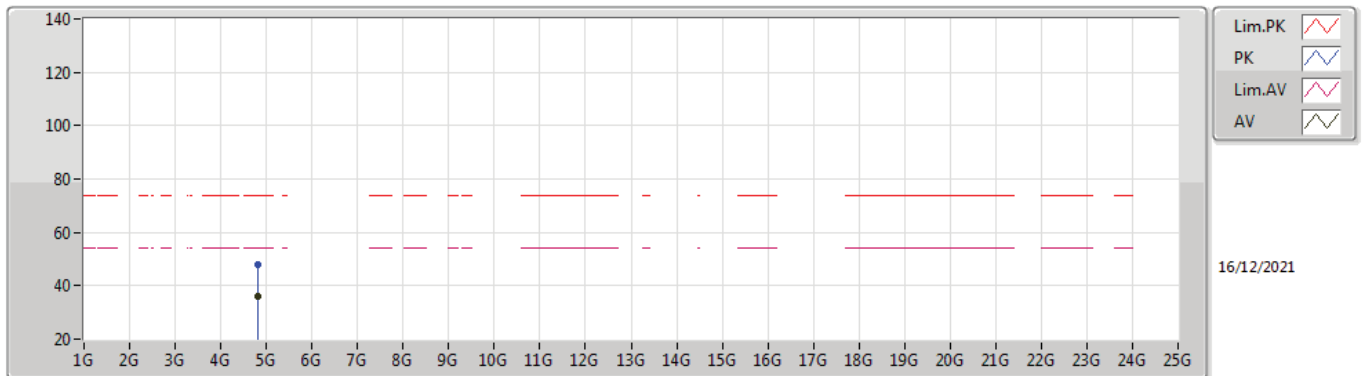


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.48	54.00	-1.52	31.75	3	Horizontal	0	1.58	-	20.73	27.38	4.37	-
AV	2.4076G	107.54	Inf	-Inf	31.82	3	Horizontal	0	1.58	-	75.72	27.43	4.39	-
PK	2.3882G	69.67	74.00	-4.33	31.75	3	Horizontal	0	1.58	-	37.92	27.38	4.37	-
PK	2.408G	116.25	Inf	-Inf	31.82	3	Horizontal	0	1.58	-	84.43	27.43	4.39	-



802.11g_Nss1,(6Mbps)_4TX

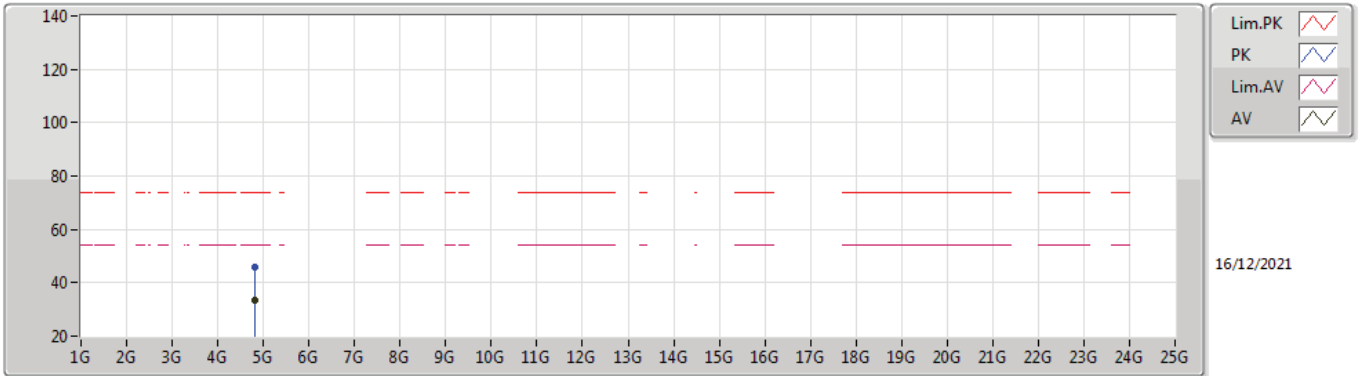
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82588G	35.85	54.00	-18.15	4.43	3	Vertical	360	2.01	-	31.42	32.60	6.28	34.45
PK	4.82548G	47.79	74.00	-26.21	4.43	3	Vertical	360	2.01	-	43.36	32.60	6.28	34.45

802.11g_Nss1,(6Mbps)_4TX

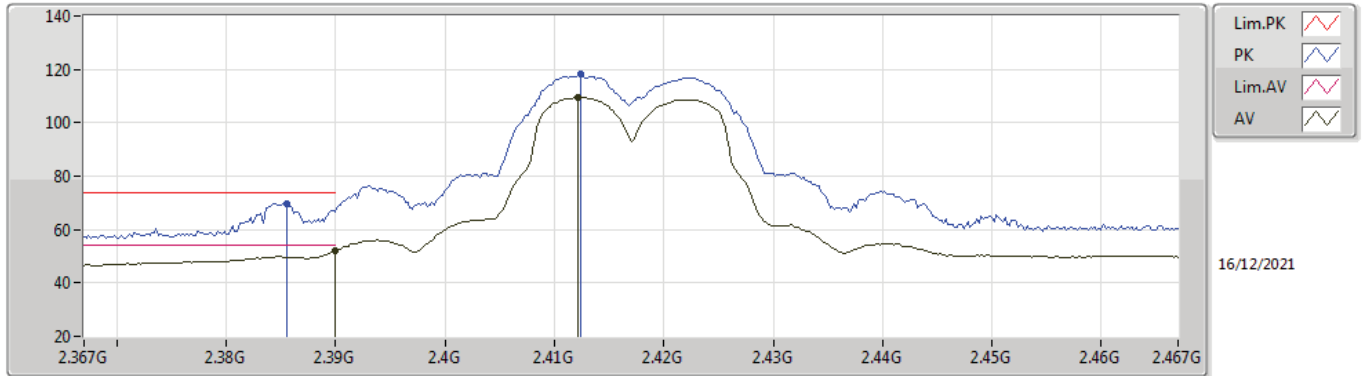
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82456G	33.50	54.00	-20.50	4.42	3	Horizontal	360	2.20	-	29.08	32.60	6.27	34.45
PK	4.82636G	45.75	74.00	-28.25	4.44	3	Horizontal	360	2.20	-	41.31	32.61	6.28	34.45

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

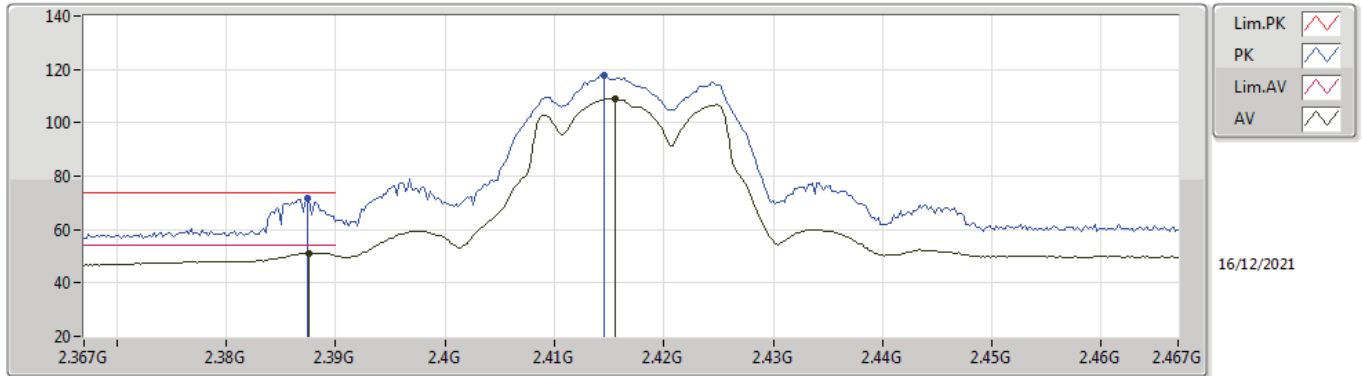


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.23	54.00	-1.77	31.75	3	Vertical	357	1.57	-	20.48	27.38	4.37	-
AV	2.4122G	109.55	Inf	-Inf	31.85	3	Vertical	357	1.57	-	77.70	27.45	4.40	-
PK	2.3856G	69.69	74.00	-4.31	31.73	3	Vertical	357	1.57	-	37.96	27.37	4.36	-
PK	2.4124G	118.04	Inf	-Inf	31.85	3	Vertical	357	1.57	-	86.19	27.45	4.40	-



802.11g_Nss1,(6Mbps)_4TX

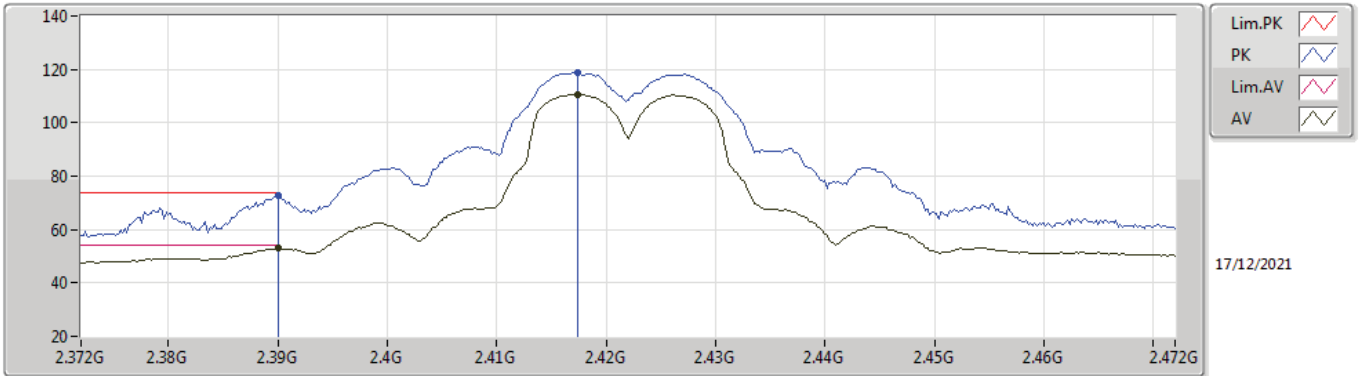
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3876G	51.26	54.00	-2.74	31.75	3	Horizontal	3	1.14	-	19.51	27.38	4.37	-
AV	2.4156G	108.77	Inf	-Inf	31.86	3	Horizontal	3	1.14	-	76.91	27.46	4.40	-
PK	2.3874G	71.85	74.00	-2.15	31.74	3	Horizontal	3	1.14	-	40.11	27.37	4.37	-
PK	2.4146G	117.63	Inf	-Inf	31.86	3	Horizontal	3	1.14	-	85.77	27.46	4.40	-

802.11g_Nss1,(6Mbps)_4TX

2422MHz_TX

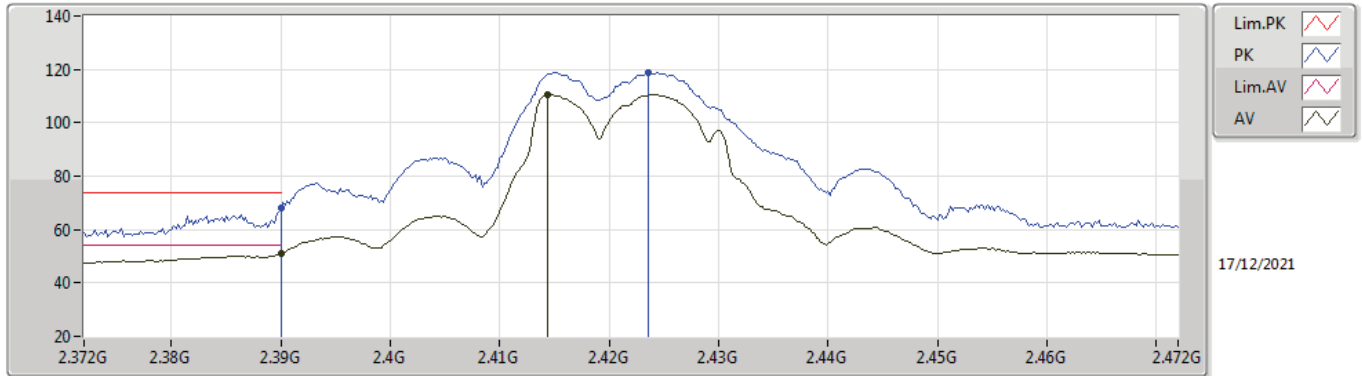


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.88	54.00	-1.12	31.75	3	Vertical	0	1.50	-	21.13	27.38	4.37	-
AV	2.4174G	110.68	Inf	-Inf	31.88	3	Vertical	0	1.50	-	78.80	27.47	4.41	-
PK	2.39G	72.74	74.00	-1.26	31.75	3	Vertical	0	1.50	-	40.99	27.38	4.37	-
PK	2.4174G	118.96	Inf	-Inf	31.88	3	Vertical	0	1.50	-	87.08	27.47	4.41	-



802.11g_Nss1,(6Mbps)_4TX

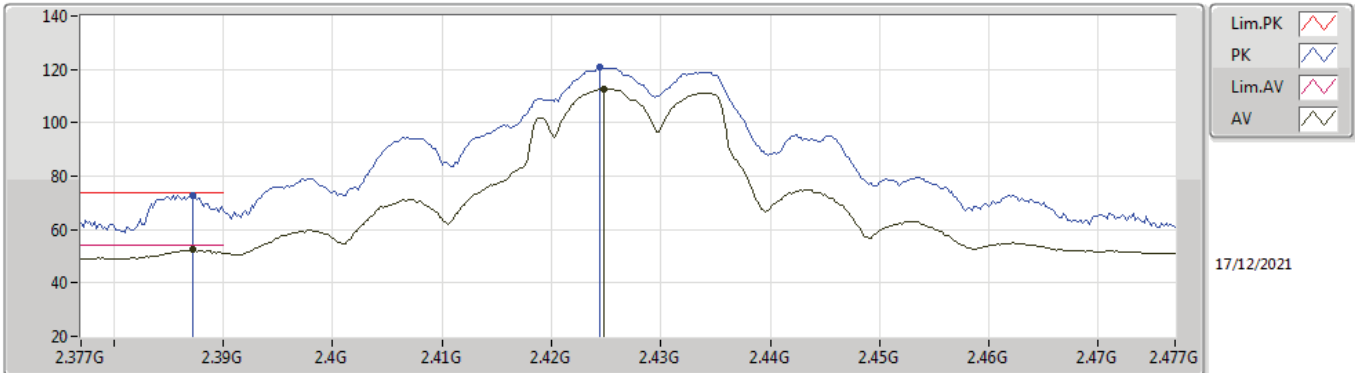
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.16	54.00	-2.84	31.75	3	Horizontal	0	2.12	-	19.41	27.38	4.37	-
AV	2.4144G	110.48	Inf	-Inf	31.86	3	Horizontal	0	2.12	-	78.62	27.46	4.40	-
PK	2.39G	67.94	74.00	-6.06	31.75	3	Horizontal	0	2.12	-	36.19	27.38	4.37	-
PK	2.4236G	118.79	Inf	-Inf	31.90	3	Horizontal	0	2.12	-	86.89	27.49	4.41	-

802.11g_Nss1,(6Mbps)_4TX

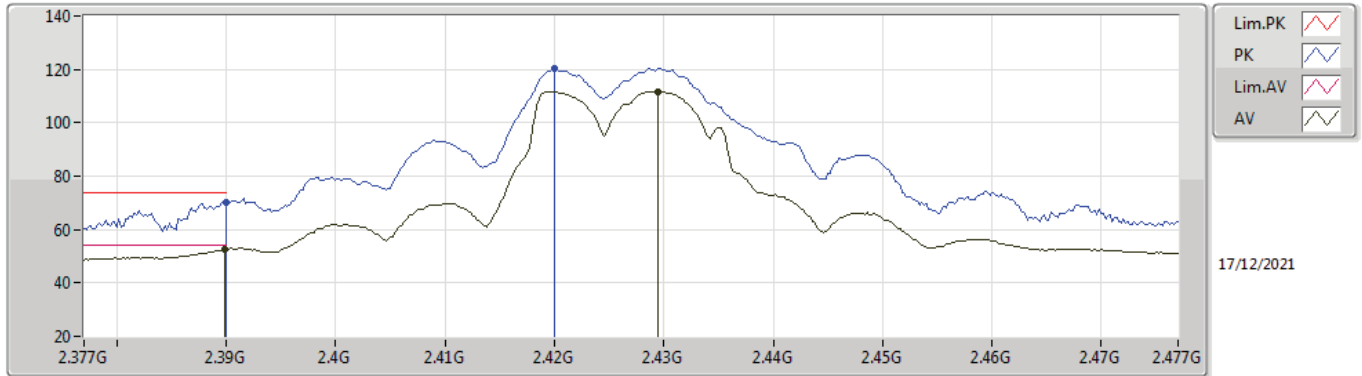
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3872G	52.36	54.00	-1.64	31.74	3	Vertical	9	1.68	-	20.62	27.37	4.37	-
AV	2.4248G	112.60	Inf	-Inf	31.92	3	Vertical	9	1.68	-	80.68	27.50	4.42	-
PK	2.3872G	72.70	74.00	-1.30	31.74	3	Vertical	9	1.68	-	40.96	27.37	4.37	-
PK	2.4244G	120.61	Inf	-Inf	31.92	3	Vertical	9	1.68	-	88.69	27.50	4.42	-

802.11g_Nss1,(6Mbps)_4TX

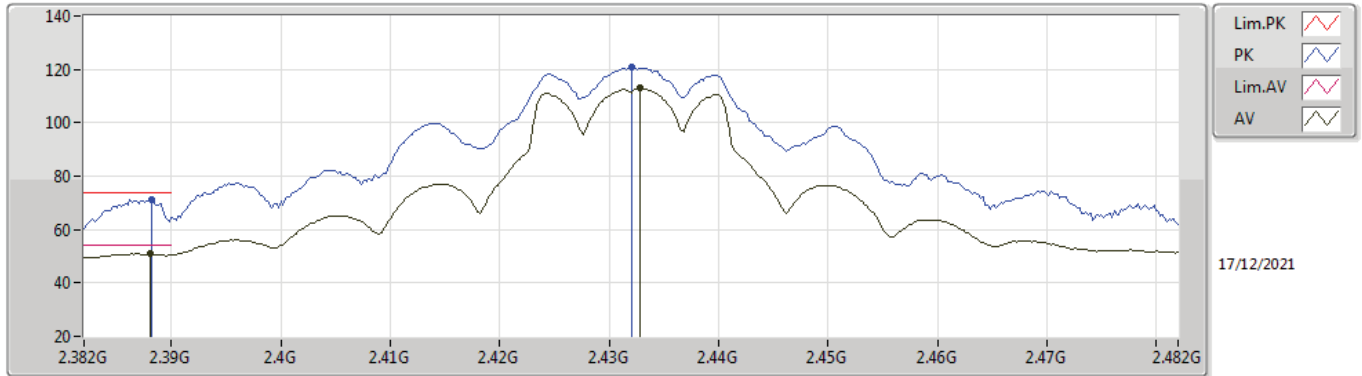
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.51	54.00	-1.49	31.75	3	Horizontal	0	2.12	-	20.76	27.38	4.37	-
AV	2.4294G	111.81	Inf	-Inf	31.94	3	Horizontal	0	2.12	-	79.87	27.52	4.42	-
PK	2.39G	70.22	74.00	-3.78	31.75	3	Horizontal	0	2.12	-	38.47	27.38	4.37	-
PK	2.42G	120.31	Inf	-Inf	31.89	3	Horizontal	0	2.12	-	88.42	27.48	4.41	-

802.11g_Nss1,(6Mbps)_4TX

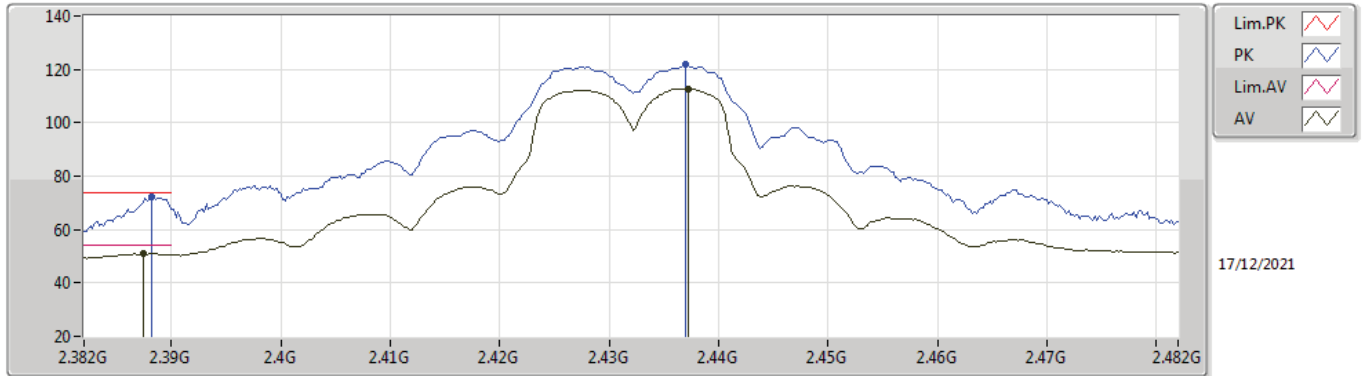
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.388G	50.84	54.00	-3.16	31.75	3	Vertical	0	1.50	-	19.09	27.38	4.37	-
AV	2.4328G	112.85	Inf	-Inf	31.96	3	Vertical	0	1.50	-	80.89	27.53	4.43	-
PK	2.3882G	71.12	74.00	-2.88	31.75	3	Vertical	0	1.50	-	39.37	27.38	4.37	-
PK	2.432G	120.87	Inf	-Inf	31.96	3	Vertical	0	1.50	-	88.91	27.53	4.43	-

802.11g_Nss1,(6Mbps)_4TX

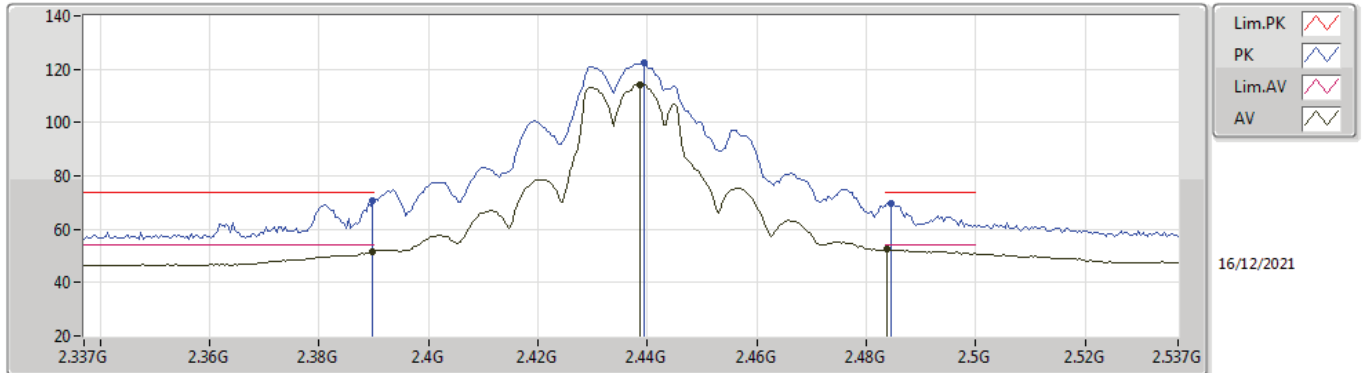
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	50.98	54.00	-3.02	31.74	3	Horizontal	0	1.50	-	19.24	27.37	4.37	-
AV	2.4372G	112.70	Inf	-Inf	31.98	3	Horizontal	0	1.50	-	80.72	27.55	4.43	-
PK	2.3882G	72.13	74.00	-1.87	31.75	3	Horizontal	0	1.50	-	40.38	27.38	4.37	-
PK	2.437G	121.72	Inf	-Inf	31.98	3	Horizontal	0	1.50	-	89.74	27.55	4.43	-

802.11g_Nss1,(6Mbps)_4TX

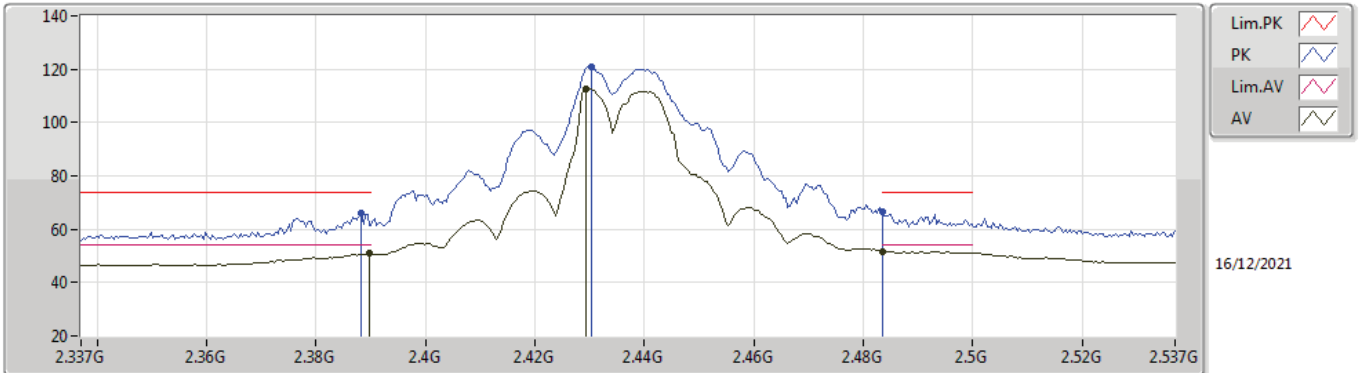
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.41	54.00	-2.59	31.75	3	Vertical	3	1.50	-	19.66	27.38	4.37	-
AV	2.4386G	114.28	Inf	-Inf	31.99	3	Vertical	3	1.50	-	82.29	27.55	4.44	-
AV	2.4838G	52.37	54.00	-1.63	32.30	3	Vertical	3	1.50	-	20.07	27.80	4.50	-
PK	2.3898G	70.67	74.00	-3.33	31.75	3	Vertical	3	1.50	-	38.92	27.38	4.37	-
PK	2.4394G	122.16	Inf	-Inf	32.00	3	Vertical	3	1.50	-	90.16	27.56	4.44	-
PK	2.4846G	69.89	74.00	-4.11	32.31	3	Vertical	3	1.50	-	37.58	27.81	4.50	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

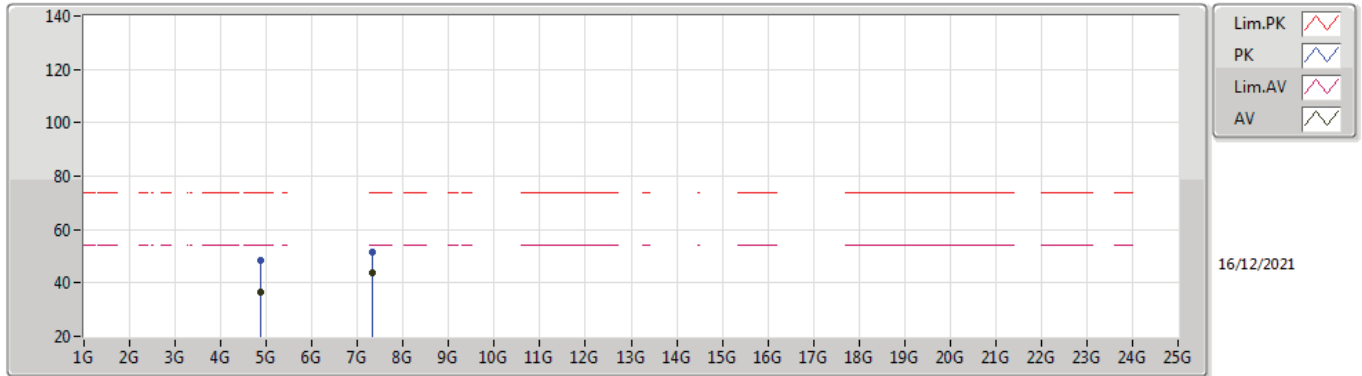


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.83	54.00	-3.17	31.75	3	Horizontal	360	1.97	-	19.08	27.38	4.37	-
AV	2.4294G	112.83	Inf	-Inf	31.94	3	Horizontal	360	1.97	-	80.89	27.52	4.42	-
AV	2.4835G	51.78	54.00	-2.22	32.30	3	Horizontal	360	1.97	-	19.48	27.80	4.50	-
PK	2.3882G	66.06	74.00	-7.94	31.75	3	Horizontal	360	1.97	-	34.31	27.38	4.37	-
PK	2.4302G	121.11	Inf	-Inf	31.94	3	Horizontal	360	1.97	-	89.17	27.52	4.42	-
PK	2.4835G	66.70	74.00	-7.30	32.30	3	Horizontal	360	1.97	-	34.40	27.80	4.50	-



802.11g_Nss1,(6Mbps)_4TX

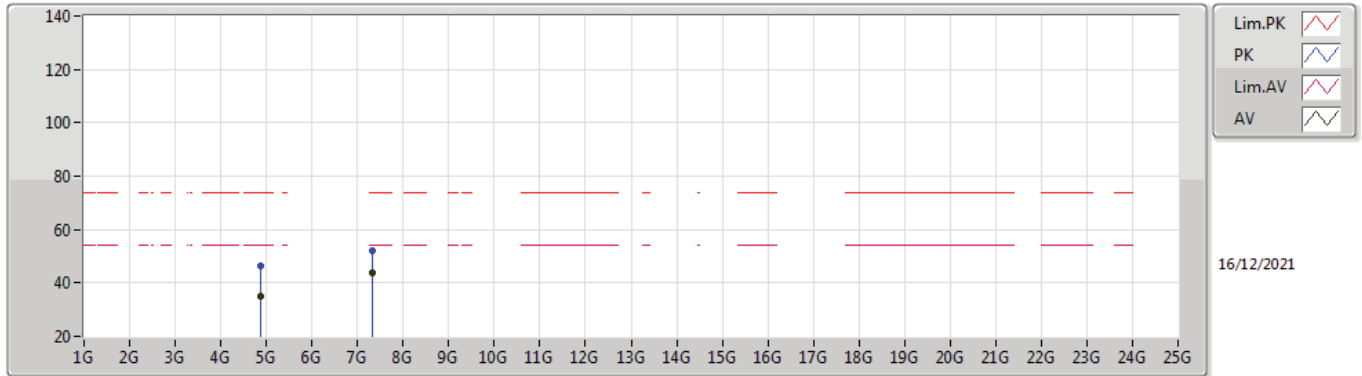
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8755G	36.62	54.00	-17.38	4.62	3	Vertical	0	2.09	-	32.00	32.75	6.31	34.44
AV	7.311G	44.05	54.00	-9.95	10.07	3	Vertical	206	2.50	-	33.98	36.74	8.14	34.81
PK	4.8749G	48.20	74.00	-25.80	4.61	3	Vertical	0	2.09	-	43.59	32.75	6.30	34.44
PK	7.311G	51.76	74.00	-22.24	10.07	3	Vertical	206	2.50	-	41.69	36.74	8.14	34.81

802.11g_Nss1,(6Mbps)_4TX

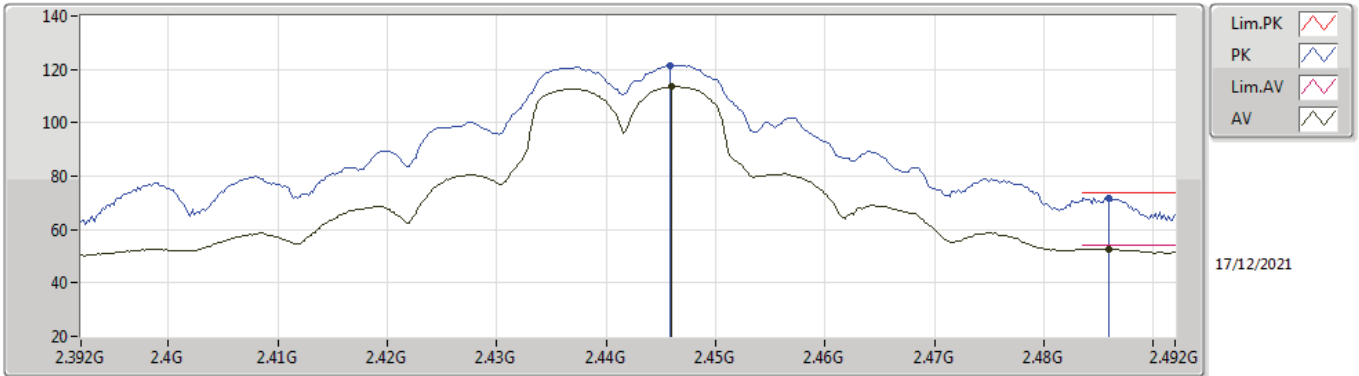
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87358G	35.12	54.00	-18.88	4.61	3	Horizontal	0	2.14	-	30.51	32.75	6.30	34.44
AV	7.31094G	43.57	54.00	-10.43	10.07	3	Horizontal	211	1.40	-	33.50	36.74	8.14	34.81
PK	4.8743G	46.56	74.00	-27.44	4.61	3	Horizontal	0	2.14	-	41.95	32.75	6.30	34.44
PK	7.31076G	51.93	74.00	-22.07	10.07	3	Horizontal	211	1.40	-	41.86	36.74	8.14	34.81

802.11g_Nss1,(6Mbps)_4TX

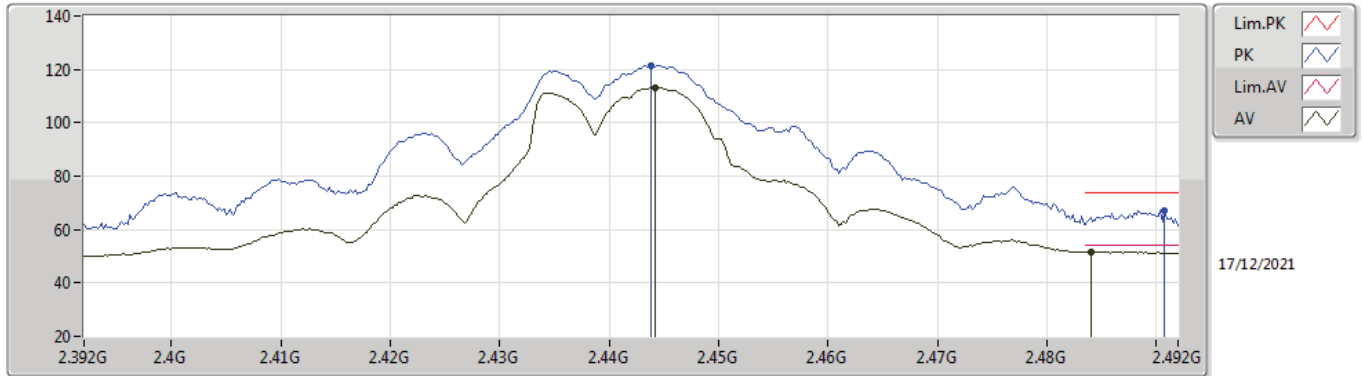
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.446G	113.78	Inf	-Inf	32.03	3	Vertical	360	1.98	-	81.75	27.58	4.45	-
AV	2.486G	52.83	54.00	-1.17	32.32	3	Vertical	360	1.98	-	20.51	27.82	4.50	-
PK	2.4458G	121.52	Inf	-Inf	32.03	3	Vertical	360	1.98	-	89.49	27.58	4.45	-
PK	2.486G	71.97	74.00	-2.03	32.32	3	Vertical	360	1.98	-	39.65	27.82	4.50	-

802.11g_Nss1,(6Mbps)_4TX

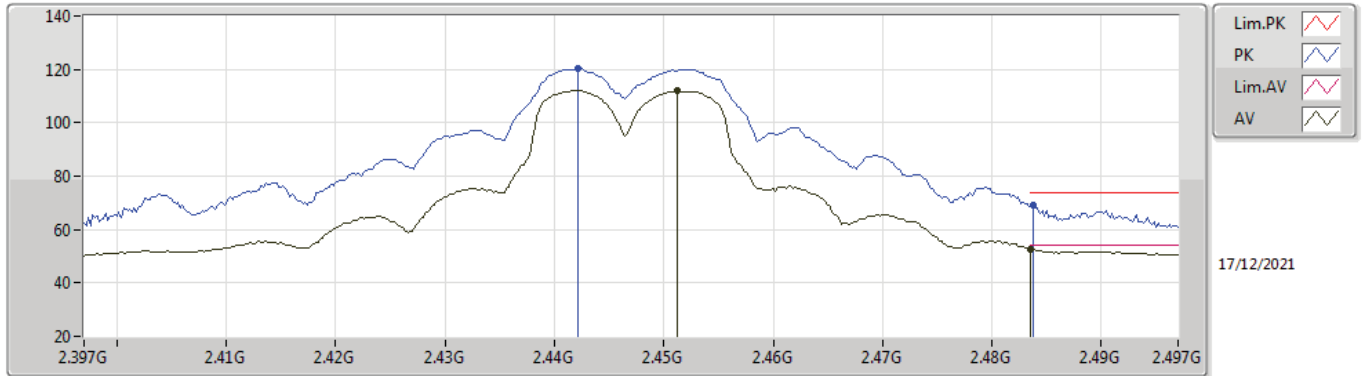
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4442G	113.13	Inf	-Inf	32.02	3	Horizontal	0	1.90	-	81.11	27.58	4.44	-
AV	2.484G	51.65	54.00	-2.35	32.30	3	Horizontal	0	1.90	-	19.35	27.80	4.50	-
PK	2.4438G	121.43	Inf	-Inf	32.02	3	Horizontal	0	1.90	-	89.41	27.58	4.44	-
PK	2.4908G	67.11	74.00	-6.89	32.35	3	Horizontal	0	1.90	-	34.76	27.84	4.51	-

802.11g_Nss1,(6Mbps)_4TX

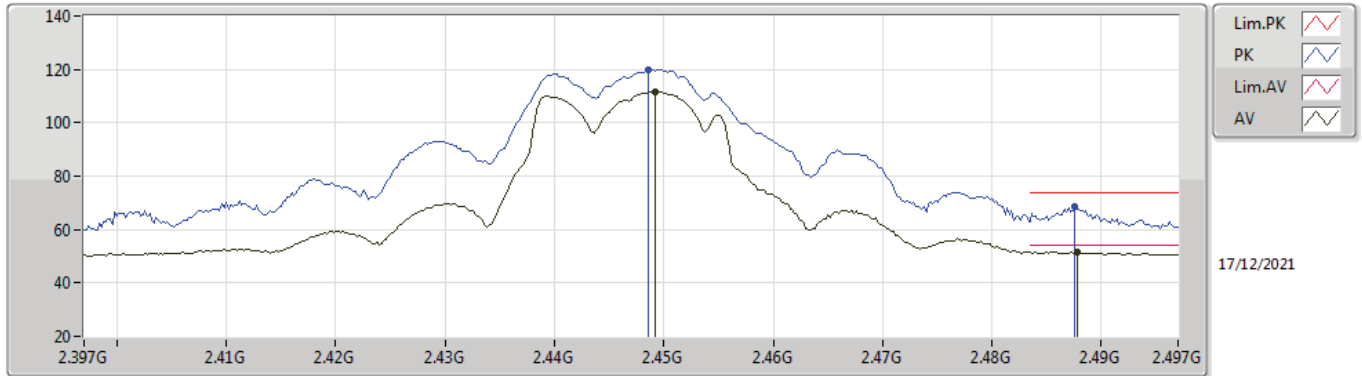
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4512G	112.01	Inf	-Inf	32.06	3	Vertical	0	1.83	-	79.95	27.61	4.45	-
AV	2.4835G	52.81	54.00	-1.19	32.30	3	Vertical	0	1.83	-	20.51	27.80	4.50	-
PK	2.4422G	120.34	Inf	-Inf	32.01	3	Vertical	0	1.83	-	88.33	27.57	4.44	-
PK	2.4838G	69.20	74.00	-4.80	32.30	3	Vertical	0	1.83	-	36.90	27.80	4.50	-

802.11g_Nss1,(6Mbps)_4TX

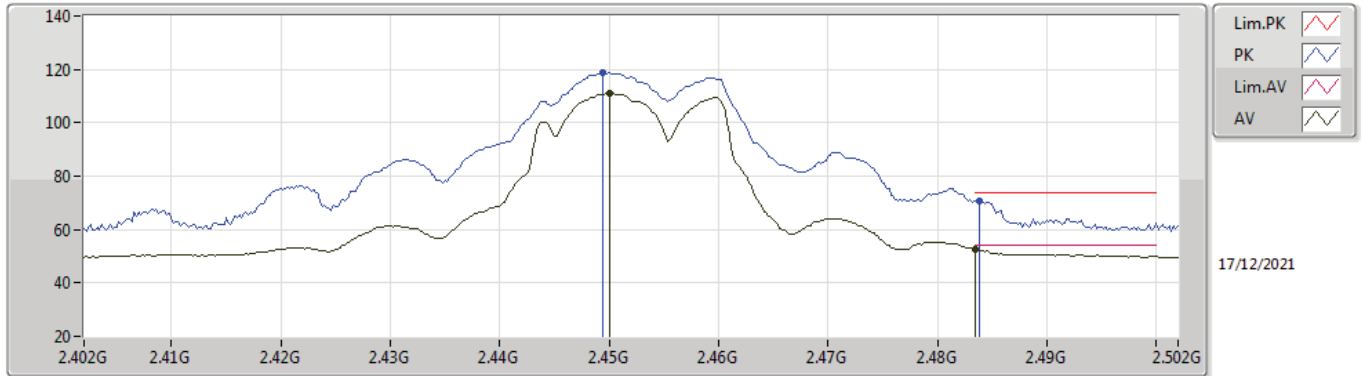
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4492G	111.44	Inf	-Inf	32.05	3	Horizontal	0	1.83	-	79.39	27.60	4.45	-
AV	2.4878G	51.37	54.00	-2.63	32.34	3	Horizontal	0	1.83	-	19.03	27.83	4.51	-
PK	2.4486G	119.98	Inf	-Inf	32.04	3	Horizontal	0	1.83	-	87.94	27.59	4.45	-
PK	2.4876G	68.83	74.00	-5.17	32.34	3	Horizontal	0	1.83	-	36.49	27.83	4.51	-

802.11g_Nss1,(6Mbps)_4TX

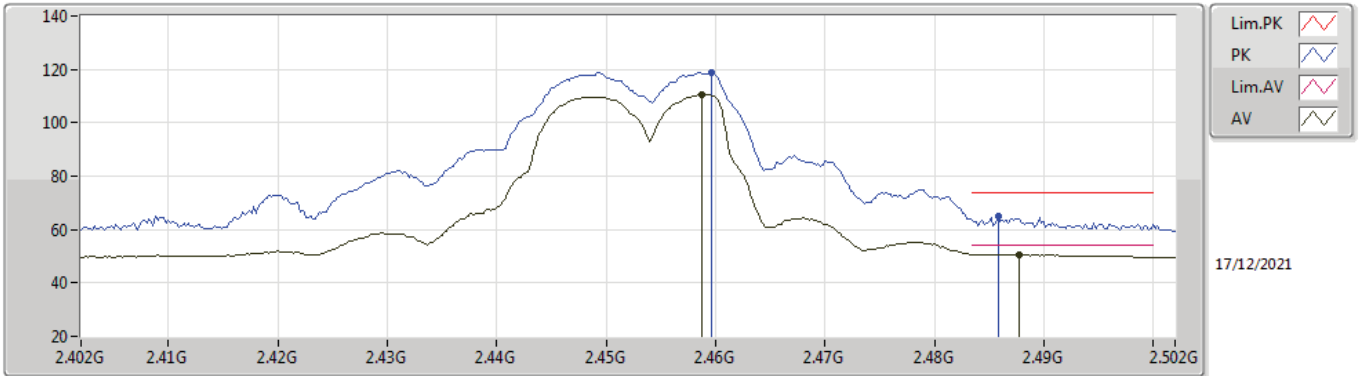
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.45G	110.81	Inf	-Inf	32.05	3	Vertical	356	1.93	-	78.76	27.60	4.45	-
AV	2.4835G	52.68	54.00	-1.32	32.30	3	Vertical	356	1.93	-	20.38	27.80	4.50	-
PK	2.4494G	118.90	Inf	-Inf	32.05	3	Vertical	356	1.93	-	86.85	27.60	4.45	-
PK	2.4838G	70.94	74.00	-3.06	32.30	3	Vertical	356	1.93	-	38.64	27.80	4.50	-

802.11g_Nss1,(6Mbps)_4TX

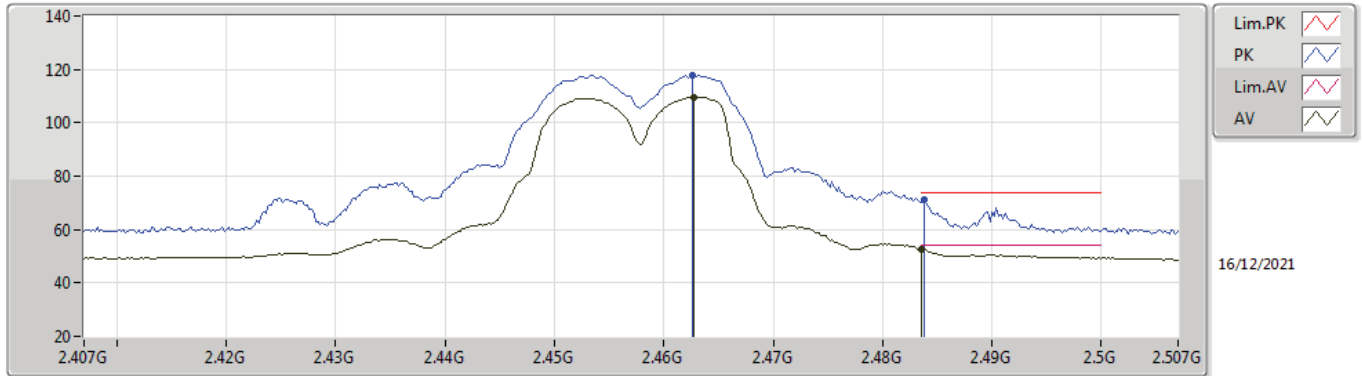
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	110.44	Inf	-Inf	32.12	3	Horizontal	360	1.85	-	78.32	27.65	4.47	-
AV	2.4878G	50.70	54.00	-3.30	32.34	3	Horizontal	360	1.85	-	18.36	27.83	4.51	-
PK	2.4596G	118.94	Inf	-Inf	32.13	3	Horizontal	360	1.85	-	86.81	27.66	4.47	-
PK	2.4858G	64.76	74.00	-9.24	32.31	3	Horizontal	360	1.85	-	32.45	27.81	4.50	-

802.11g_Nss1,(6Mbps)_4TX

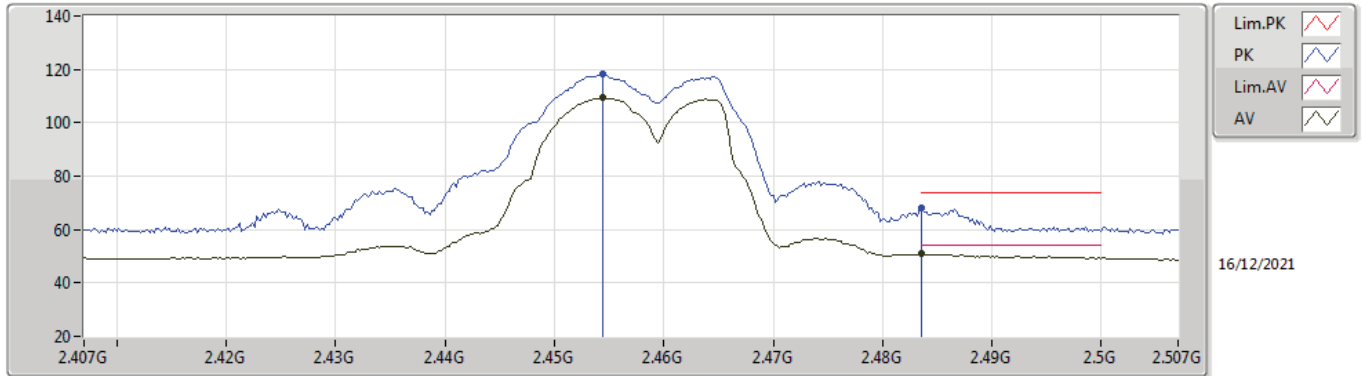
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	109.65	Inf	-Inf	32.15	3	Vertical	360	1.43	-	77.50	27.68	4.47	-
AV	2.4835G	52.78	54.00	-1.22	32.30	3	Vertical	360	1.43	-	20.48	27.80	4.50	-
PK	2.4626G	117.78	Inf	-Inf	32.15	3	Vertical	360	1.43	-	85.63	27.68	4.47	-
PK	2.4838G	71.25	74.00	-2.75	32.30	3	Vertical	360	1.43	-	38.95	27.80	4.50	-

802.11g_Nss1,(6Mbps)_4TX

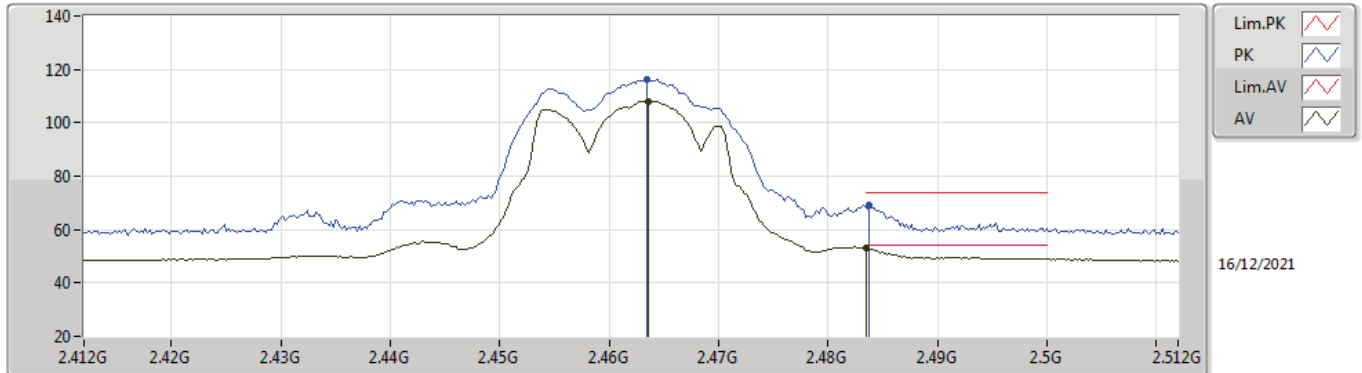
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4544G	109.35	Inf	-Inf	32.09	3	Horizontal	360	1.91	-	77.26	27.63	4.46	-
AV	2.4835G	50.81	54.00	-3.19	32.30	3	Horizontal	360	1.91	-	18.51	27.80	4.50	-
PK	2.4544G	118.49	Inf	-Inf	32.09	3	Horizontal	360	1.91	-	86.40	27.63	4.46	-
PK	2.4835G	67.87	74.00	-6.13	32.30	3	Horizontal	360	1.91	-	35.57	27.80	4.50	-

802.11g_Nss1,(6Mbps)_4TX

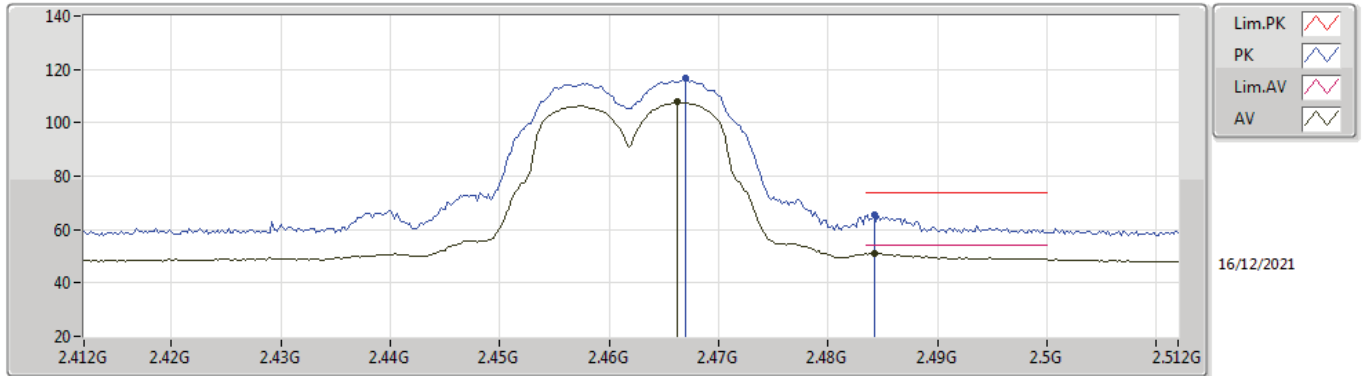
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4636G	108.09	Inf	-Inf	32.15	3	Vertical	360	1.42	-	75.94	27.68	4.47	-
AV	2.4835G	52.92	54.00	-1.08	32.30	3	Vertical	360	1.42	-	20.62	27.80	4.50	-
PK	2.4634G	115.99	Inf	-Inf	32.15	3	Vertical	360	1.42	-	83.84	27.68	4.47	-
PK	2.4838G	69.03	74.00	-4.97	32.30	3	Vertical	360	1.42	-	36.73	27.80	4.50	-

802.11g_Nss1,(6Mbps)_4TX

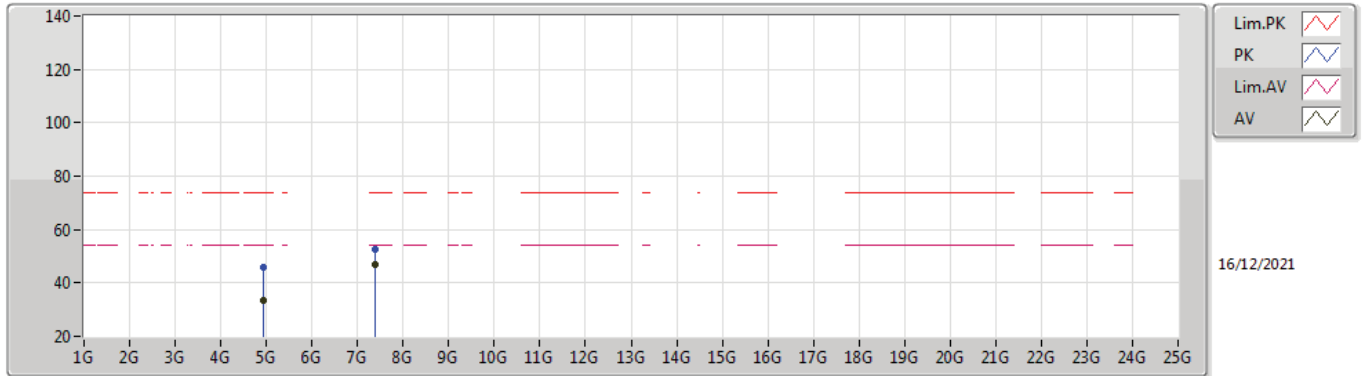
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4662G	107.80	Inf	-Inf	32.18	3	Horizontal	6	1.49	-	75.62	27.70	4.48	-
AV	2.4842G	50.99	54.00	-3.01	32.31	3	Horizontal	6	1.49	-	18.68	27.81	4.50	-
PK	2.467G	116.53	Inf	-Inf	32.18	3	Horizontal	6	1.49	-	84.35	27.70	4.48	-
PK	2.4842G	65.48	74.00	-8.52	32.31	3	Horizontal	6	1.49	-	33.17	27.81	4.50	-

802.11g_Nss1,(6Mbps)_4TX

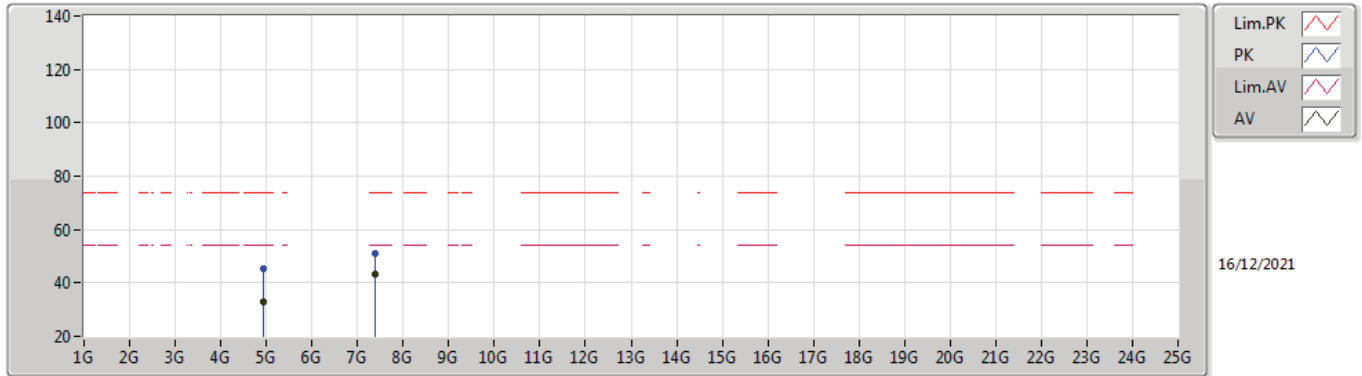
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92478G	33.63	54.00	-20.37	4.84	3	Vertical	0	2.29	-	28.79	32.95	6.33	34.44
AV	7.38594G	46.64	54.00	-7.36	9.96	3	Vertical	186	2.09	-	36.68	36.68	8.11	34.83
PK	4.92604G	45.67	74.00	-28.33	4.86	3	Vertical	0	2.29	-	40.81	32.96	6.34	34.44
PK	7.38582G	52.62	74.00	-21.38	9.97	3	Vertical	186	2.09	-	42.65	36.69	8.11	34.83

802.11g_Nss1,(6Mbps)_4TX

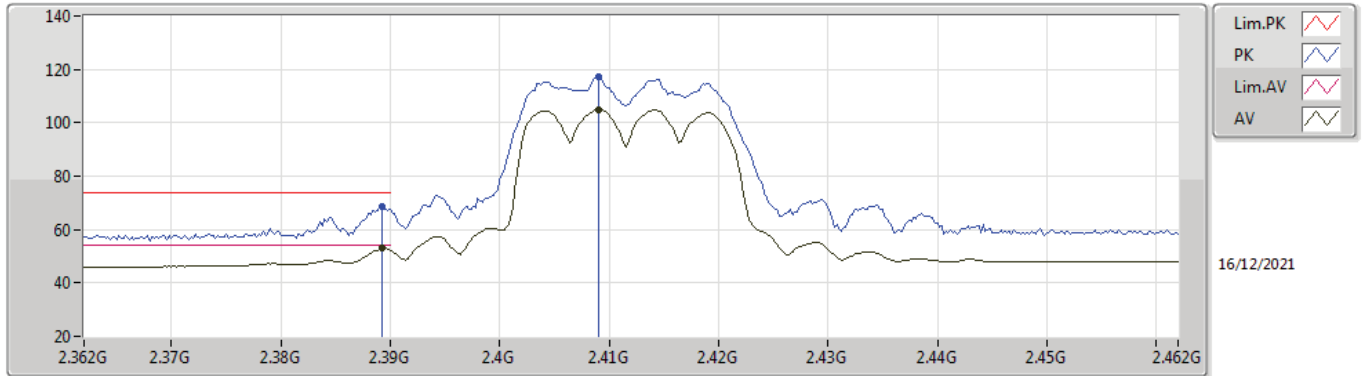
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9243G	32.93	54.00	-21.07	4.84	3	Horizontal	0	1.74	-	28.09	32.95	6.33	34.44
AV	7.38594G	43.02	54.00	-10.98	9.96	3	Horizontal	212	1.38	-	33.06	36.68	8.11	34.83
PK	4.924G	45.55	74.00	-28.45	4.83	3	Horizontal	0	1.74	-	40.72	32.94	6.33	34.44
PK	7.38594G	51.02	74.00	-22.98	9.96	3	Horizontal	212	1.38	-	41.06	36.68	8.11	34.83

802.11ax HEW20_Nss1,(MCS0)_4TX

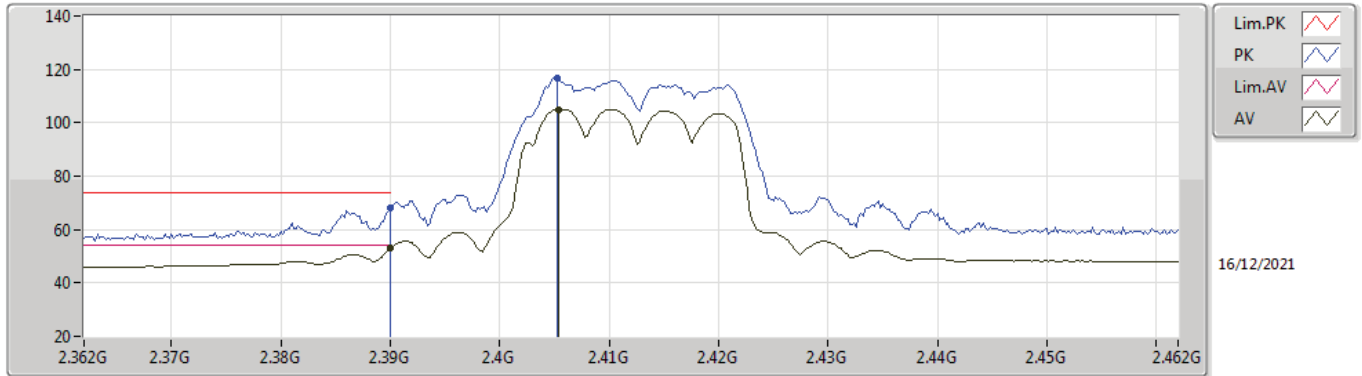
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	52.88	54.00	-1.12	31.75	3	Vertical	12	1.95	-	21.13	27.38	4.37	-
AV	2.409G	105.00	Inf	-Inf	31.83	3	Vertical	12	1.95	-	73.17	27.44	4.39	-
PK	2.3892G	68.45	74.00	-5.55	31.75	3	Vertical	12	1.95	-	36.70	27.38	4.37	-
PK	2.409G	117.19	Inf	-Inf	31.83	3	Vertical	12	1.95	-	85.36	27.44	4.39	-

802.11ax HEW20_Nss1,(MCS0)_4TX

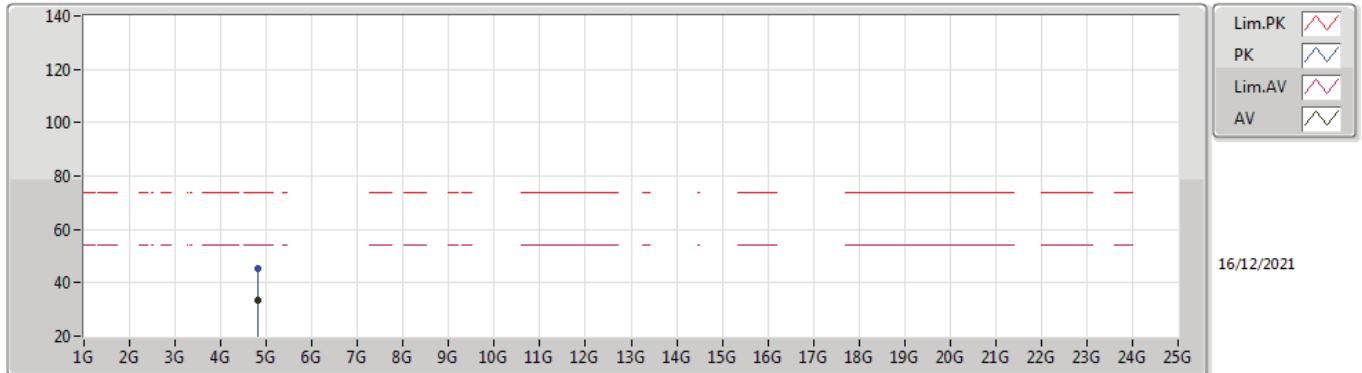
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.00	54.00	-1.00	31.75	3	Horizontal	0	1.92	-	21.25	27.38	4.37	-
AV	2.4054G	105.07	Inf	-Inf	31.81	3	Horizontal	0	1.92	-	73.26	27.42	4.39	-
PK	2.39G	68.25	74.00	-5.75	31.75	3	Horizontal	0	1.92	-	36.50	27.38	4.37	-
PK	2.4052G	116.96	Inf	-Inf	31.81	3	Horizontal	0	1.92	-	85.15	27.42	4.39	-

802.11ax HEW20_Nss1,(MCS0)_4TX

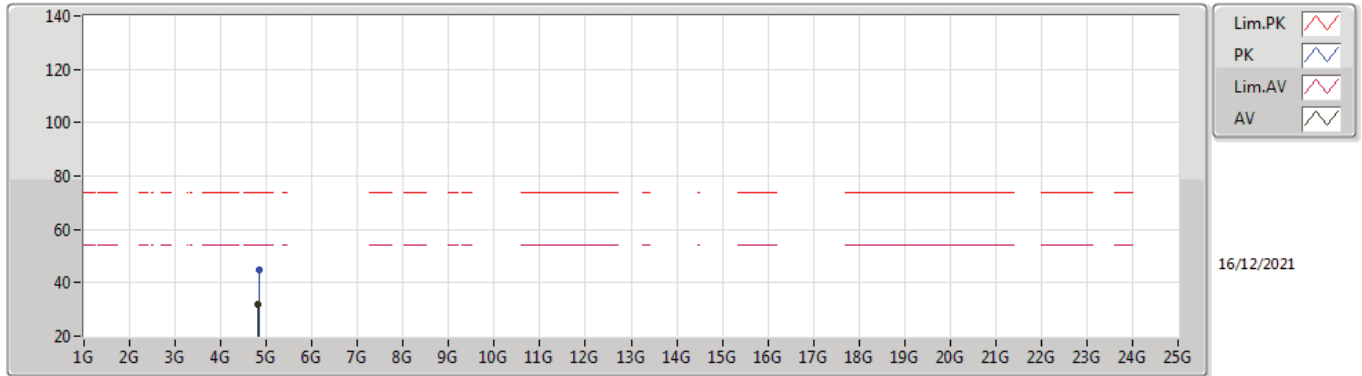
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82274G	33.25	54.00	-20.75	4.41	3	Vertical	356	2.07	-	28.84	32.59	6.27	34.45
PK	4.81764G	45.14	74.00	-28.86	4.39	3	Vertical	356	2.07	-	40.75	32.57	6.27	34.45

802.11ax HEW20_Nss1,(MCS0)_4TX

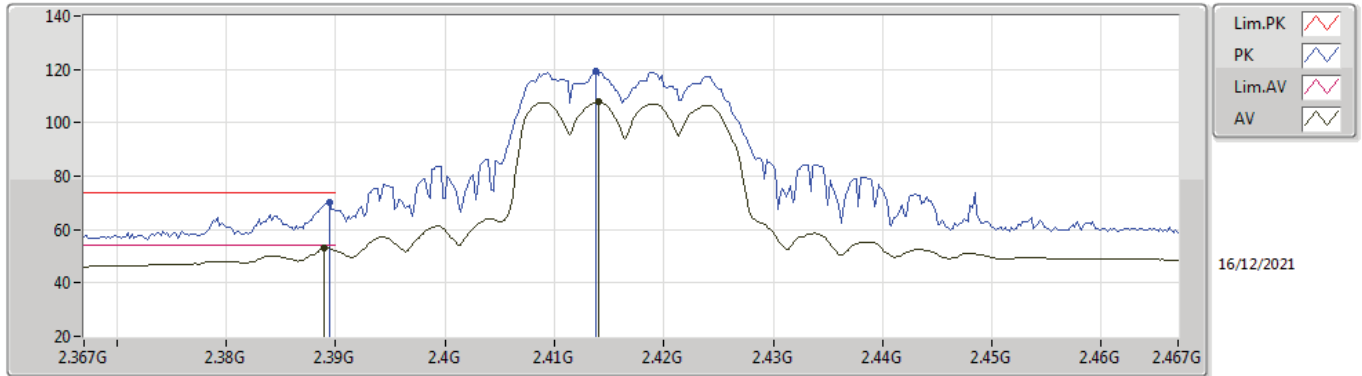
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82442G	31.99	54.00	-22.01	4.42	3	Horizontal	360	2.54	-	27.57	32.60	6.27	34.45
PK	4.8297G	44.99	74.00	-29.01	4.45	3	Horizontal	360	2.54	-	40.54	32.62	6.28	34.45

802.11ax HEW20_Nss1,(MCS0)_4TX

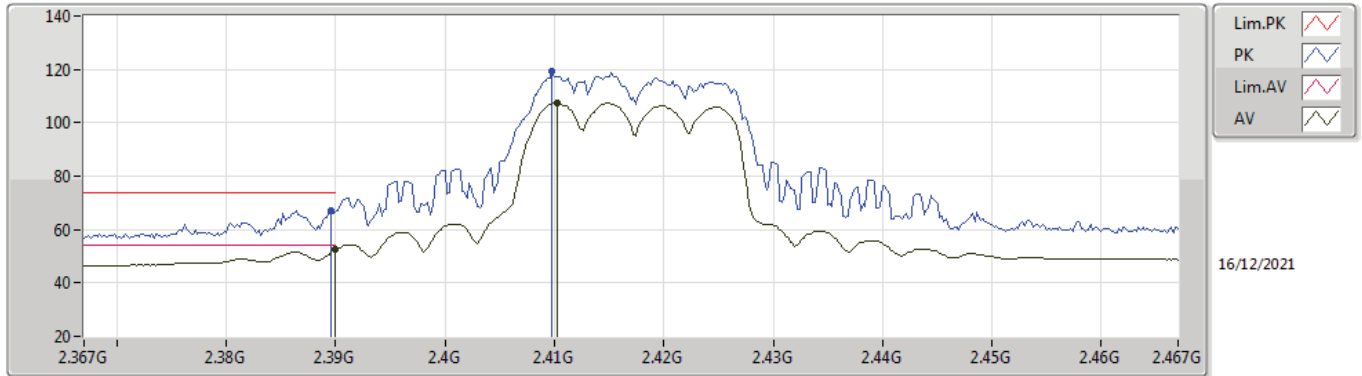
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	53.00	54.00	-1.00	31.75	3	Vertical	11	1.82	-	21.25	27.38	4.37	-
AV	2.414G	107.71	Inf	-Inf	31.86	3	Vertical	11	1.82	-	75.85	27.46	4.40	-
PK	2.3894G	70.25	74.00	-3.75	31.75	3	Vertical	11	1.82	-	38.50	27.38	4.37	-
PK	2.4138G	119.54	Inf	-Inf	31.86	3	Vertical	11	1.82	-	87.68	27.46	4.40	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

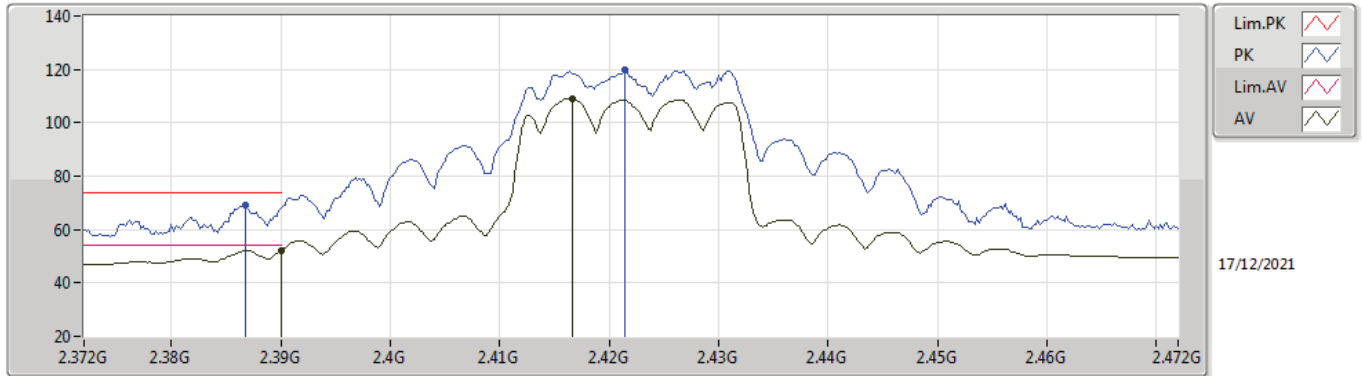


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.39	54.00	-1.61	31.75	3	Horizontal	0	1.74	-	20.64	27.38	4.37	-
AV	2.4102G	107.21	Inf	-Inf	31.83	3	Horizontal	0	1.74	-	75.38	27.44	4.39	-
PK	2.3896G	67.27	74.00	-6.73	31.75	3	Horizontal	0	1.74	-	35.52	27.38	4.37	-
PK	2.4098G	119.36	Inf	-Inf	31.83	3	Horizontal	0	1.74	-	87.53	27.44	4.39	-



802.11ax HEW20_Nss1,(MCS0)_4TX

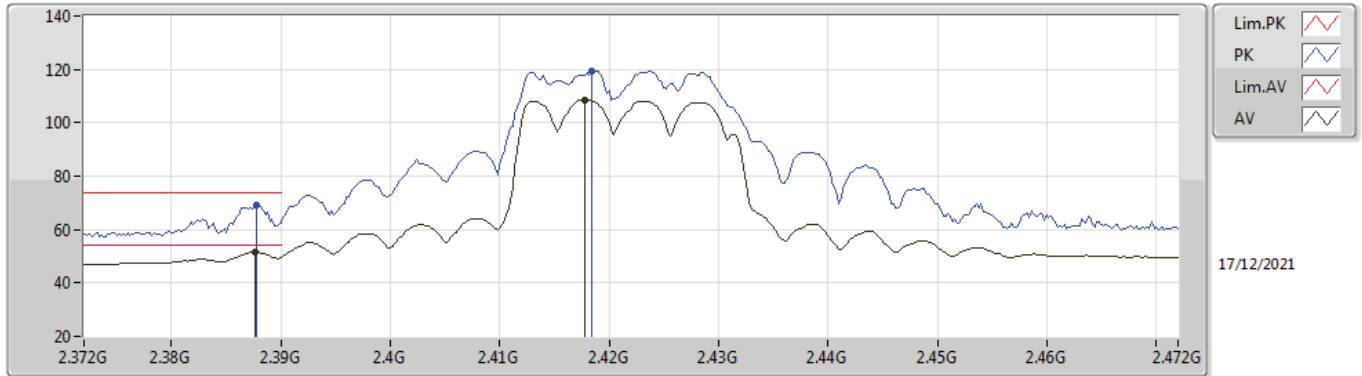
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.26	54.00	-1.74	31.75	3	Vertical	11	1.88	-	20.51	27.38	4.37	-
AV	2.4166G	109.18	Inf	-Inf	31.87	3	Vertical	11	1.88	-	77.31	27.47	4.40	-
PK	2.3868G	69.04	74.00	-4.96	31.74	3	Vertical	11	1.88	-	37.30	27.37	4.37	-
PK	2.4214G	119.67	Inf	-Inf	31.90	3	Vertical	11	1.88	-	87.77	27.49	4.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

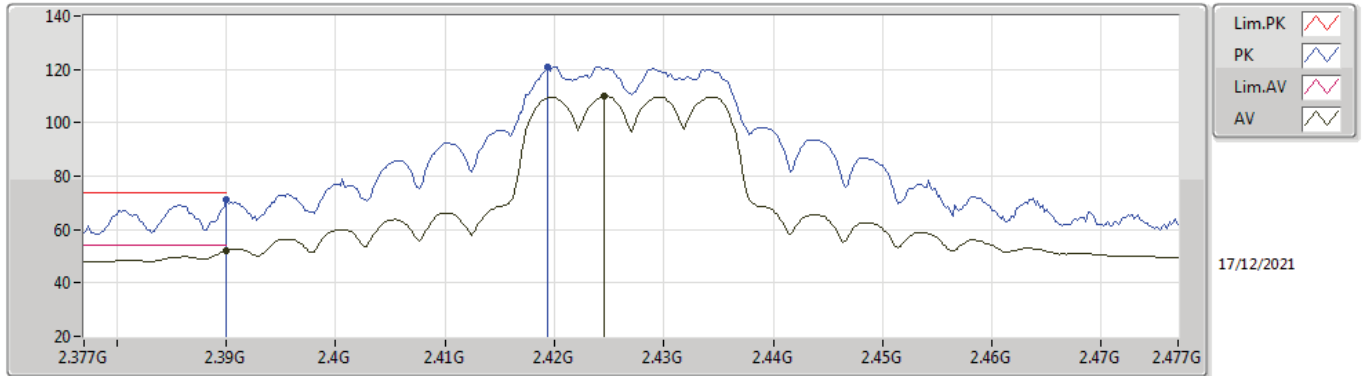
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3876G	51.57	54.00	-2.43	31.75	3	Horizontal	0	2.11	-	19.82	27.38	4.37	-
AV	2.4178G	108.64	Inf	-Inf	31.88	3	Horizontal	0	2.11	-	76.76	27.47	4.41	-
PK	2.3878G	69.26	74.00	-4.74	31.75	3	Horizontal	0	2.11	-	37.51	27.38	4.37	-
PK	2.4184G	119.44	Inf	-Inf	31.88	3	Horizontal	0	2.11	-	87.56	27.47	4.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

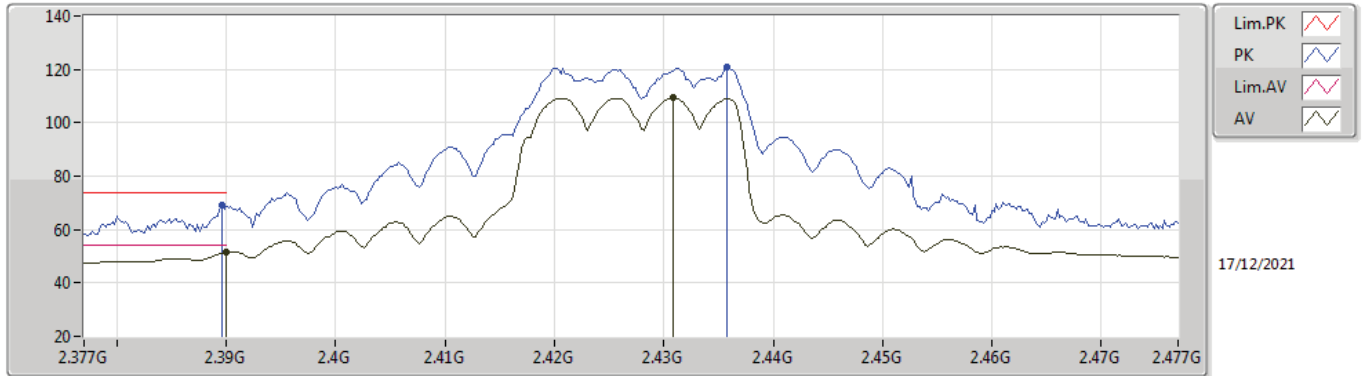
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.00	54.00	-2.00	31.75	3	Vertical	0	1.72	-	20.25	27.38	4.37	-
AV	2.4246G	109.89	Inf	-Inf	31.92	3	Vertical	0	1.72	-	77.97	27.50	4.42	-
PK	2.39G	71.06	74.00	-2.94	31.75	3	Vertical	0	1.72	-	39.31	27.38	4.37	-
PK	2.4194G	121.03	Inf	-Inf	31.89	3	Vertical	0	1.72	-	89.14	27.48	4.41	-

802.11ax HEW20_Nss1,(MCS0)_4TX

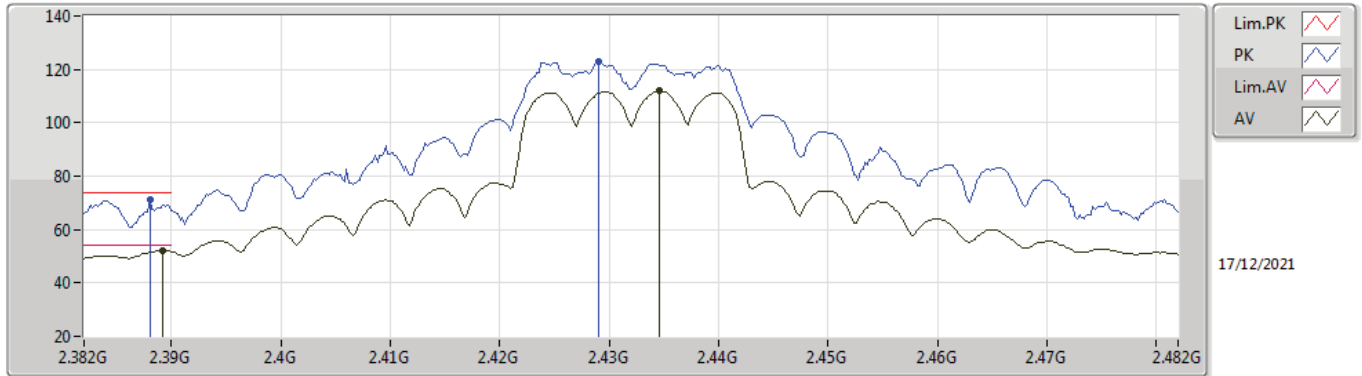
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.44	54.00	-2.56	31.75	3	Horizontal	0	2.11	-	19.69	27.38	4.37	-
AV	2.4308G	109.30	Inf	-Inf	31.94	3	Horizontal	0	2.11	-	77.36	27.52	4.42	-
PK	2.3896G	69.25	74.00	-4.75	31.75	3	Horizontal	0	2.11	-	37.50	27.38	4.37	-
PK	2.4358G	120.83	Inf	-Inf	31.97	3	Horizontal	0	2.11	-	88.86	27.54	4.43	-

802.11ax HEW20_Nss1,(MCS0)_4TX

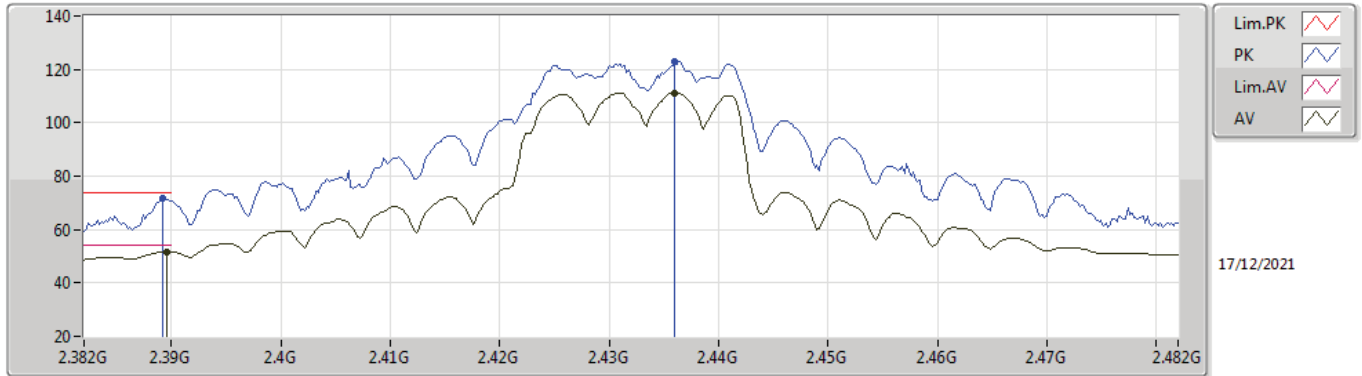
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	52.12	54.00	-1.88	31.75	3	Vertical	0	1.73	-	20.37	27.38	4.37	-
AV	2.4346G	111.91	Inf	-Inf	31.97	3	Vertical	0	1.73	-	79.94	27.54	4.43	-
PK	2.388G	71.22	74.00	-2.78	31.75	3	Vertical	0	1.73	-	39.47	27.38	4.37	-
PK	2.429G	122.82	Inf	-Inf	31.94	3	Vertical	0	1.73	-	90.88	27.52	4.42	-

802.11ax HEW20_Nss1,(MCS0)_4TX

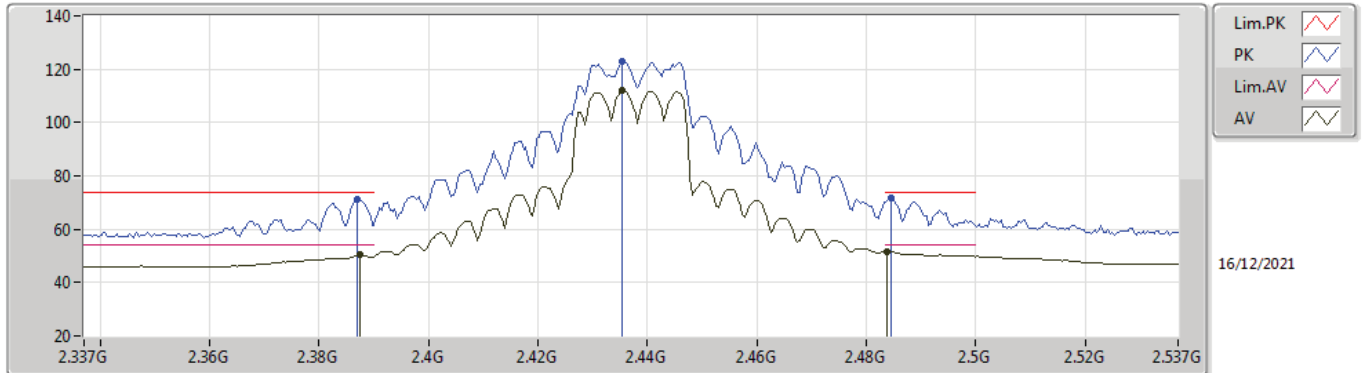
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	51.58	54.00	-2.42	31.75	3	Horizontal	0	2.13	-	19.83	27.38	4.37	-
AV	2.436G	111.11	Inf	-Inf	31.97	3	Horizontal	0	2.13	-	79.14	27.54	4.43	-
PK	2.3892G	71.64	74.00	-2.36	31.75	3	Horizontal	0	2.13	-	39.89	27.38	4.37	-
PK	2.436G	122.92	Inf	-Inf	31.97	3	Horizontal	0	2.13	-	90.95	27.54	4.43	-

802.11ax HEW20_Nss1,(MCS0)_4TX

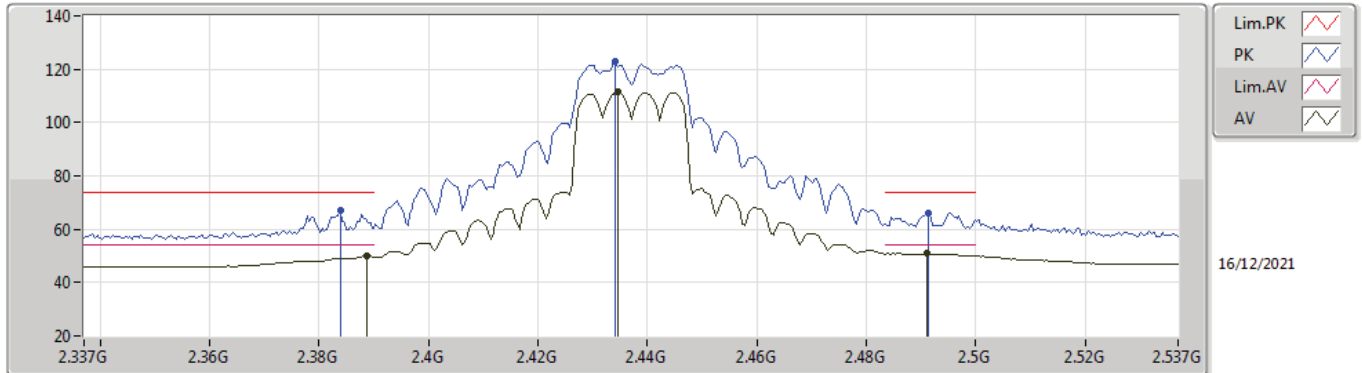
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	50.36	54.00	-3.64	31.74	3	Vertical	352	1.72	-	18.62	27.37	4.37	-
AV	2.4354G	112.05	Inf	-Inf	31.97	3	Vertical	352	1.72	-	80.08	27.54	4.43	-
AV	2.4838G	51.65	54.00	-2.35	32.30	3	Vertical	352	1.72	-	19.35	27.80	4.50	-
PK	2.387G	71.22	74.00	-2.78	31.74	3	Vertical	352	1.72	-	39.48	27.37	4.37	-
PK	2.4354G	123.18	Inf	-Inf	31.97	3	Vertical	352	1.72	-	91.21	27.54	4.43	-
PK	2.4846G	71.98	74.00	-2.02	32.31	3	Vertical	352	1.72	-	39.67	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

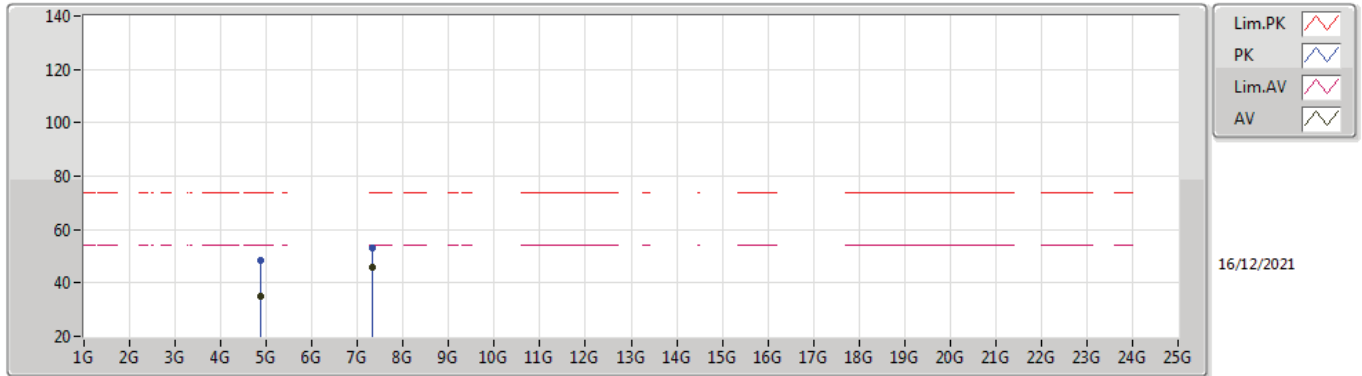
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	50.05	54.00	-3.95	31.75	3	Horizontal	360	1.49	-	18.30	27.38	4.37	-
AV	2.4346G	111.53	Inf	-Inf	31.97	3	Horizontal	360	1.49	-	79.56	27.54	4.43	-
AV	2.491G	50.88	54.00	-3.12	32.36	3	Horizontal	360	1.49	-	18.52	27.85	4.51	-
PK	2.3838G	67.29	74.00	-6.71	31.73	3	Horizontal	360	1.49	-	35.56	27.37	4.36	-
PK	2.4342G	122.97	Inf	-Inf	31.97	3	Horizontal	360	1.49	-	91.00	27.54	4.43	-
PK	2.4914G	66.12	74.00	-7.88	32.36	3	Horizontal	360	1.49	-	33.76	27.85	4.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

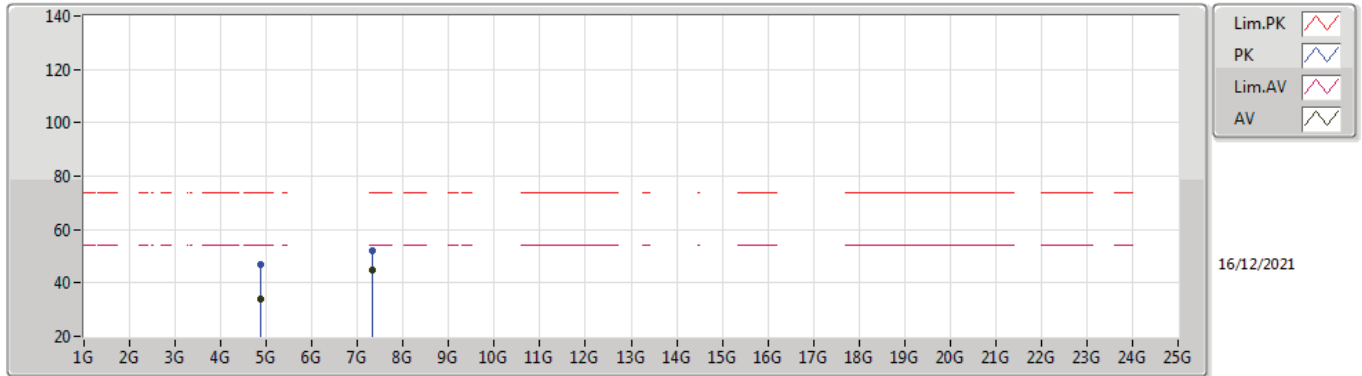
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8746G	34.95	54.00	-19.05	4.61	3	Vertical	360	2.26	-	30.34	32.75	6.30	34.44
AV	7.31094G	45.98	54.00	-8.02	10.07	3	Vertical	205	2.15	-	35.91	36.74	8.14	34.81
PK	4.86938G	48.21	74.00	-25.79	4.60	3	Vertical	360	2.26	-	43.61	32.74	6.30	34.44
PK	7.311G	53.26	74.00	-20.74	10.07	3	Vertical	205	2.15	-	43.19	36.74	8.14	34.81

802.11ax HEW20_Nss1,(MCS0)_4TX

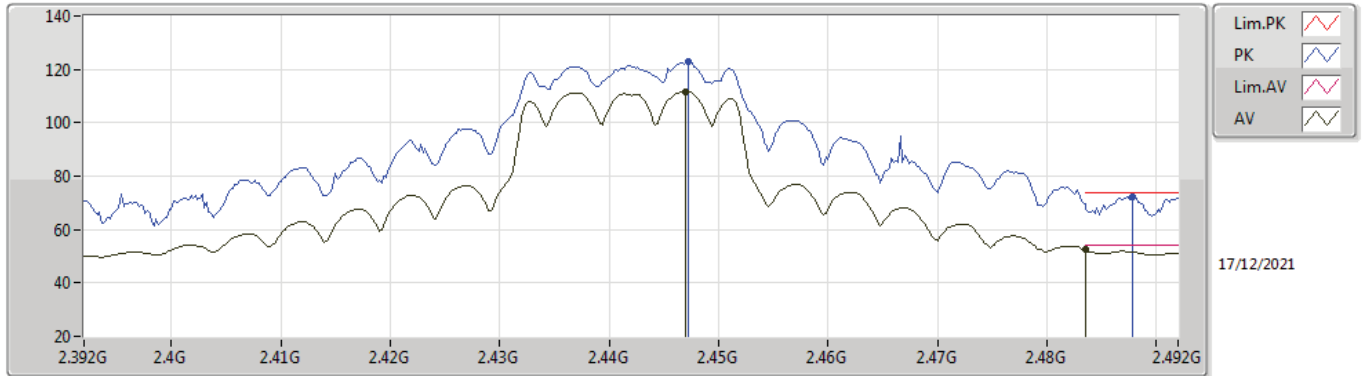
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8704G	33.71	54.00	-20.29	4.60	3	Horizontal	3	1.50	-	29.11	32.74	6.30	34.44
AV	7.31094G	44.61	54.00	-9.39	10.07	3	Horizontal	210	2.01	-	34.54	36.74	8.14	34.81
PK	4.87028G	46.80	74.00	-27.20	4.60	3	Horizontal	3	1.50	-	42.20	32.74	6.30	34.44
PK	7.31088G	52.17	74.00	-21.83	10.07	3	Horizontal	210	2.01	-	42.10	36.74	8.14	34.81

802.11ax HEW20_Nss1,(MCS0)_4TX

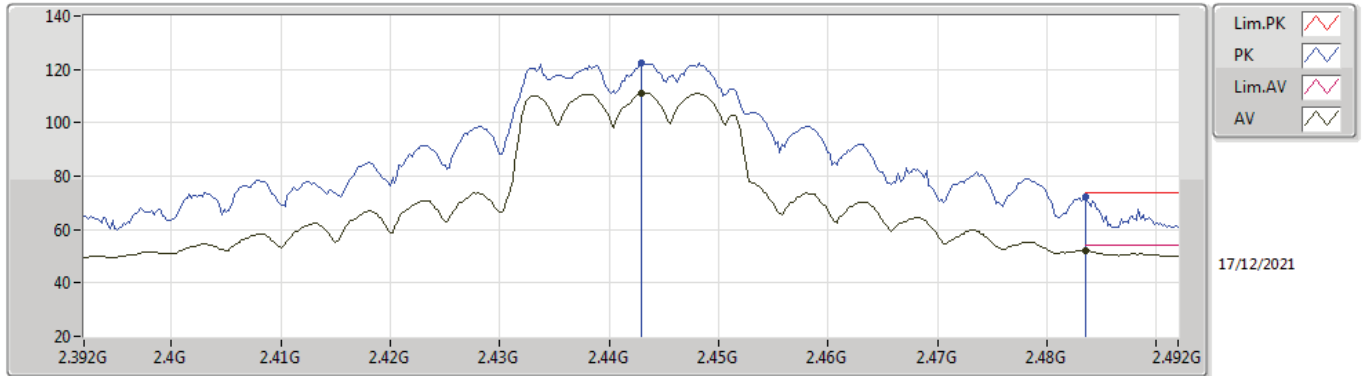
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.447G	111.60	Inf	-Inf	32.04	3	Vertical	0	1.99	-	79.56	27.59	4.45	-
AV	2.4835G	52.54	54.00	-1.46	32.30	3	Vertical	0	1.99	-	20.24	27.80	4.50	-
PK	2.4472G	122.86	Inf	-Inf	32.04	3	Vertical	0	1.99	-	90.82	27.59	4.45	-
PK	2.4878G	72.38	74.00	-1.62	32.34	3	Vertical	0	1.99	-	40.04	27.83	4.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

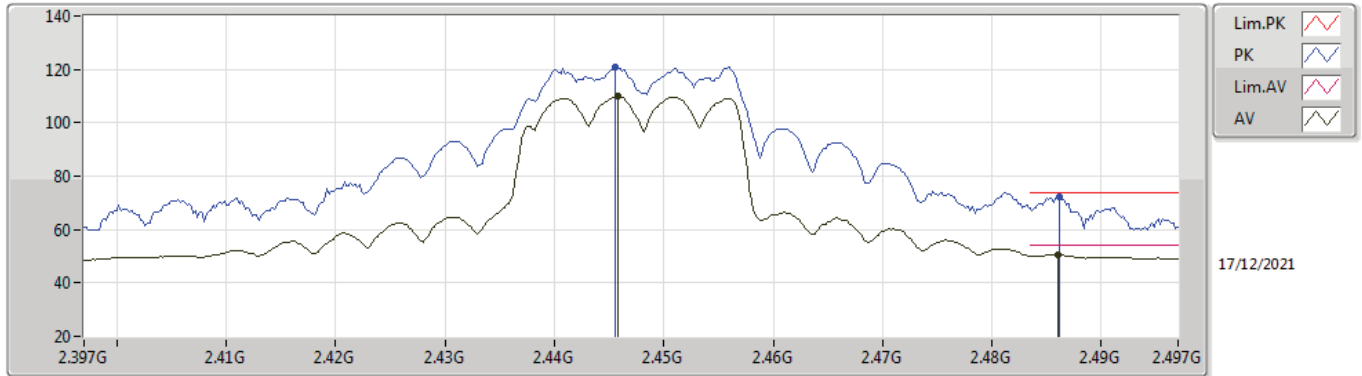
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.443G	111.21	Inf	-Inf	32.01	3	Horizontal	0	1.91	-	79.20	27.57	4.44	-
AV	2.4835G	52.11	54.00	-1.89	32.30	3	Horizontal	0	1.91	-	19.81	27.80	4.50	-
PK	2.443G	122.38	Inf	-Inf	32.01	3	Horizontal	0	1.91	-	90.37	27.57	4.44	-
PK	2.4836G	72.19	74.00	-1.81	32.30	3	Horizontal	0	1.91	-	39.89	27.80	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2447MHz_TX

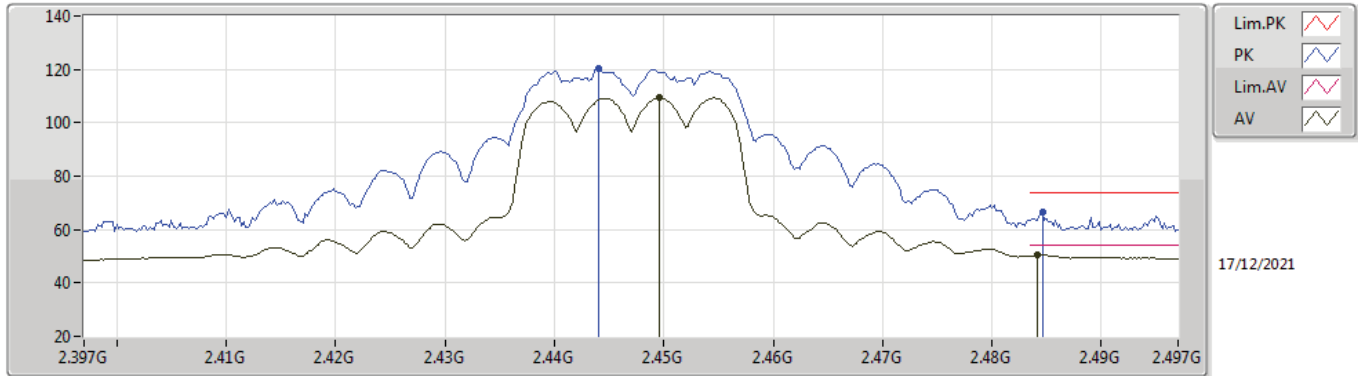


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4458G	109.84	Inf	-Inf	32.03	3	Vertical	9	1.97	-	77.81	27.58	4.45	-
AV	2.486G	50.51	54.00	-3.49	32.32	3	Vertical	9	1.97	-	18.19	27.82	4.50	-
PK	2.4456G	120.70	Inf	-Inf	32.03	3	Vertical	9	1.97	-	88.67	27.58	4.45	-
PK	2.4862G	72.00	74.00	-2.00	32.32	3	Vertical	9	1.97	-	39.68	27.82	4.50	-



802.11ax HEW20_Nss1,(MCS0)_4TX

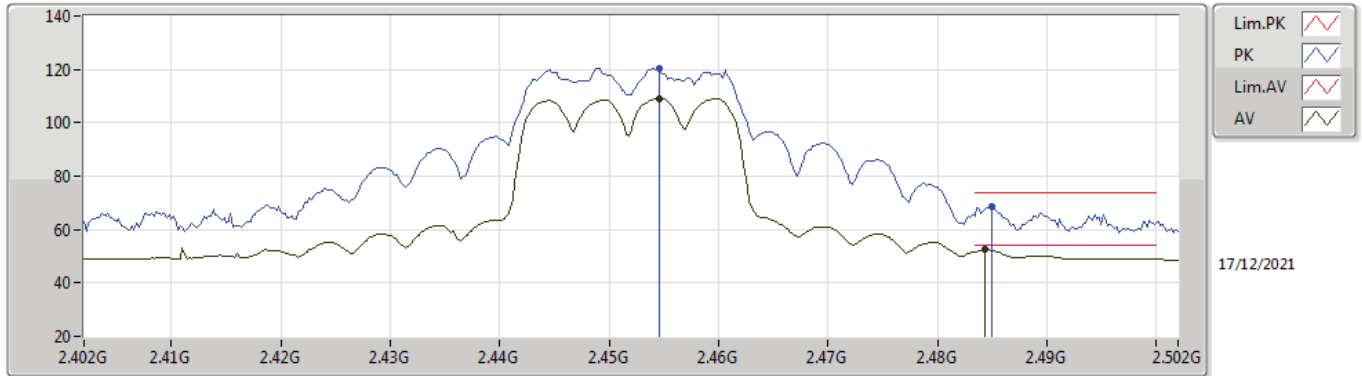
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4496G	109.30	Inf	-Inf	32.05	3	Horizontal	0	1.41	-	77.25	27.60	4.45	-
AV	2.4842G	50.32	54.00	-3.68	32.31	3	Horizontal	0	1.41	-	18.01	27.81	4.50	-
PK	2.444G	120.28	Inf	-Inf	32.02	3	Horizontal	0	1.41	-	88.26	27.58	4.44	-
PK	2.4846G	66.63	74.00	-7.37	32.31	3	Horizontal	0	1.41	-	34.32	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

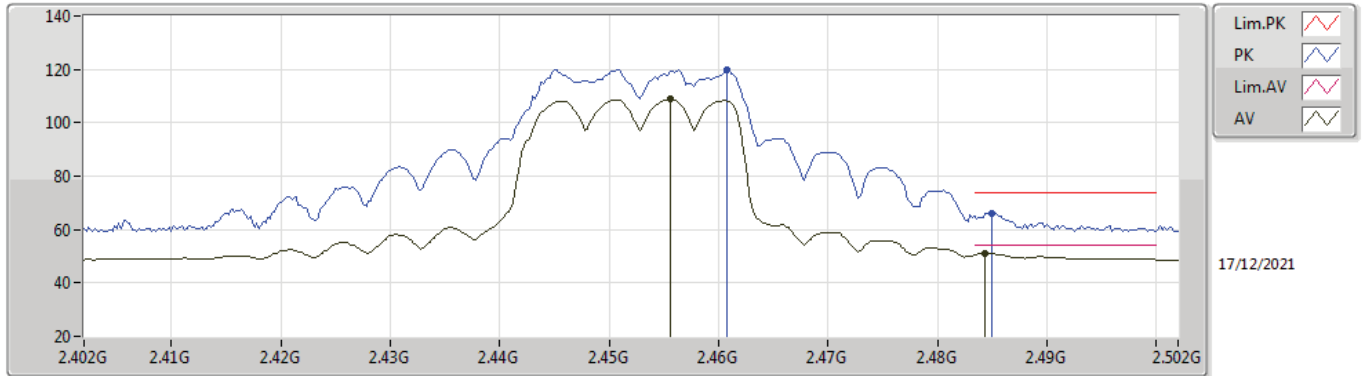
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4546G	109.21	Inf	-Inf	32.09	3	Vertical	0	1.80	-	77.12	27.63	4.46	-
AV	2.4844G	52.41	54.00	-1.59	32.31	3	Vertical	0	1.80	-	20.10	27.81	4.50	-
PK	2.4546G	120.52	Inf	-Inf	32.09	3	Vertical	0	1.80	-	88.43	27.63	4.46	-
PK	2.485G	68.42	74.00	-5.58	32.31	3	Vertical	0	1.80	-	36.11	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

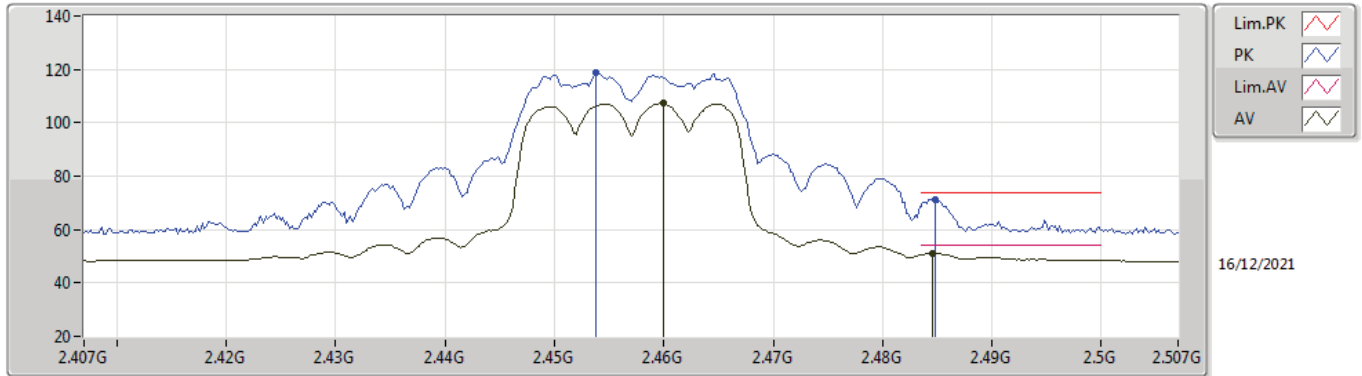
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4556G	108.77	Inf	-Inf	32.09	3	Horizontal	0	1.84	-	76.68	27.63	4.46	-
AV	2.4844G	51.19	54.00	-2.81	32.31	3	Horizontal	0	1.84	-	18.88	27.81	4.50	-
PK	2.4608G	119.75	Inf	-Inf	32.13	3	Horizontal	0	1.84	-	87.62	27.66	4.47	-
PK	2.485G	66.15	74.00	-7.85	32.31	3	Horizontal	0	1.84	-	33.84	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

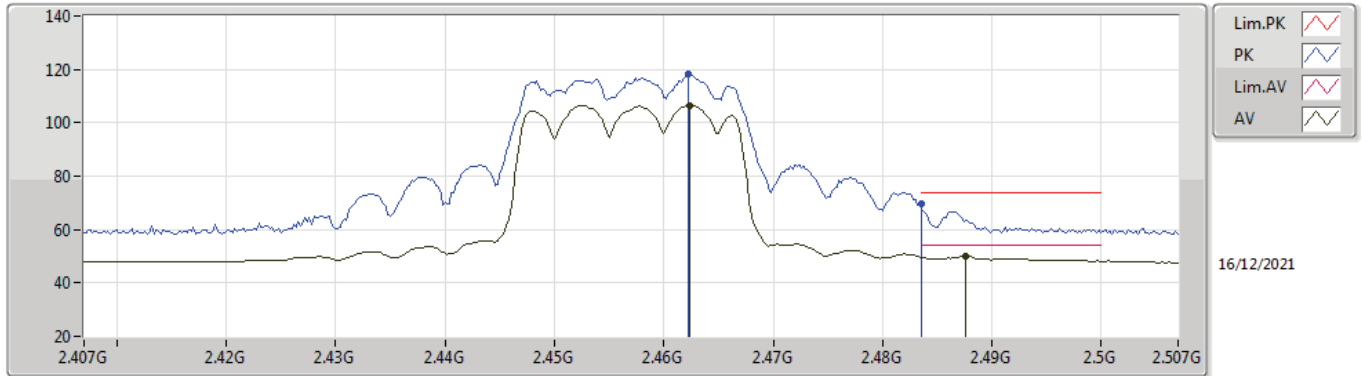
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.46G	107.31	Inf	-Inf	32.13	3	Vertical	0	1.79	-	75.18	27.66	4.47	-
AV	2.4846G	51.19	54.00	-2.81	32.31	3	Vertical	0	1.79	-	18.88	27.81	4.50	-
PK	2.4538G	118.69	Inf	-Inf	32.08	3	Vertical	0	1.79	-	86.61	27.62	4.46	-
PK	2.4848G	71.29	74.00	-2.71	32.31	3	Vertical	0	1.79	-	38.98	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

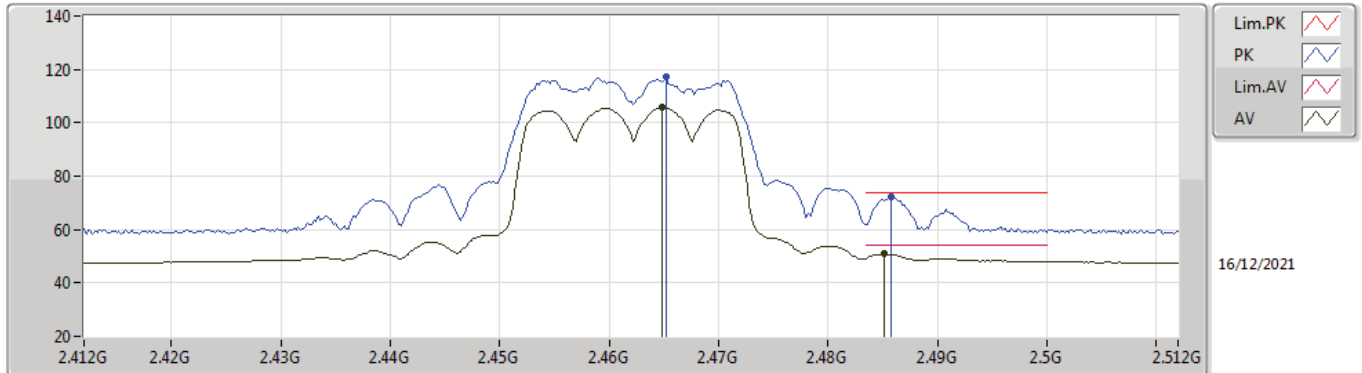
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4624G	106.59	Inf	-Inf	32.14	3	Horizontal	0	1.65	-	74.45	27.67	4.47	-
AV	2.4876G	50.16	54.00	-3.84	32.34	3	Horizontal	0	1.65	-	17.82	27.83	4.51	-
PK	2.4622G	118.37	Inf	-Inf	32.14	3	Horizontal	0	1.65	-	86.23	27.67	4.47	-
PK	2.4835G	69.52	74.00	-4.48	32.30	3	Horizontal	0	1.65	-	37.22	27.80	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

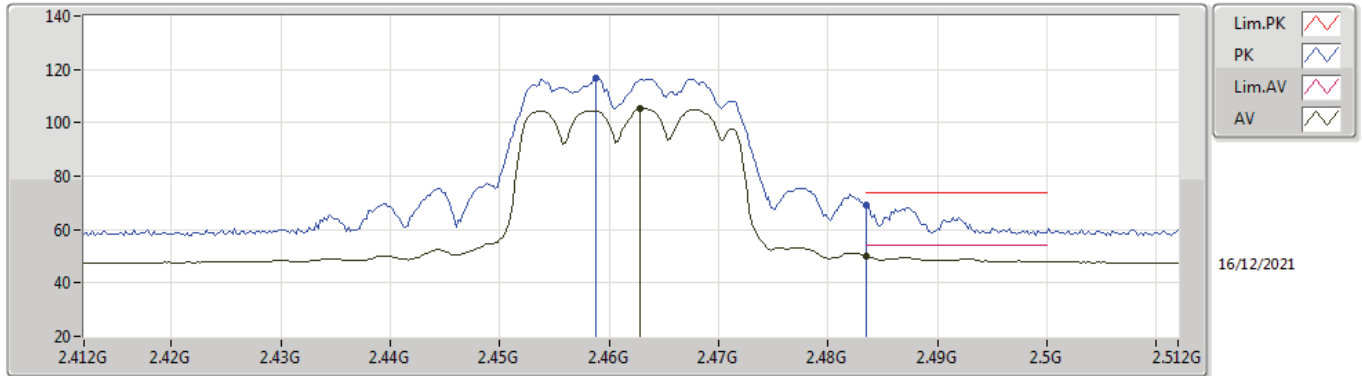
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4648G	105.73	Inf	-Inf	32.16	3	Vertical	0	1.57	-	73.57	27.69	4.47	-
AV	2.4852G	50.85	54.00	-3.15	32.31	3	Vertical	0	1.57	-	18.54	27.81	4.50	-
PK	2.4652G	117.39	Inf	-Inf	32.16	3	Vertical	0	1.57	-	85.23	27.69	4.47	-
PK	2.4858G	72.32	74.00	-1.68	32.31	3	Vertical	0	1.57	-	40.01	27.81	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

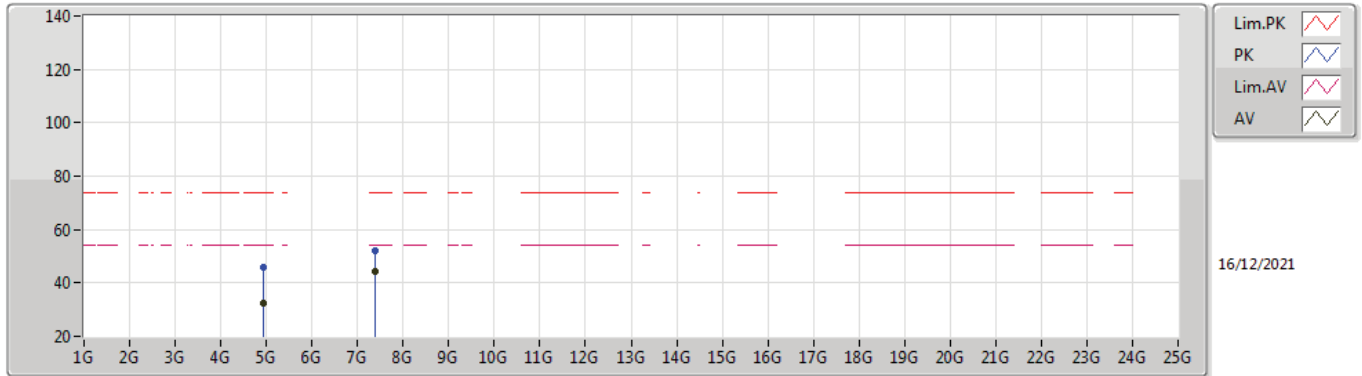
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	105.25	Inf	-Inf	32.15	3	Horizontal	0	2.04	-	73.10	27.68	4.47	-
AV	2.4835G	49.94	54.00	-4.06	32.30	3	Horizontal	0	2.04	-	17.64	27.80	4.50	-
PK	2.4588G	116.76	Inf	-Inf	32.12	3	Horizontal	0	2.04	-	84.64	27.65	4.47	-
PK	2.4835G	69.38	74.00	-4.62	32.30	3	Horizontal	0	2.04	-	37.08	27.80	4.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

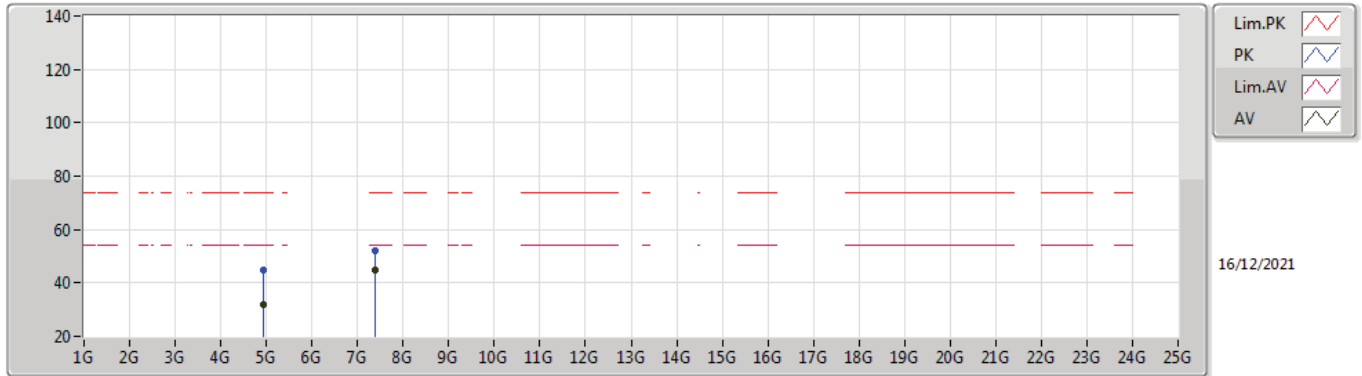


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9246G	32.61	54.00	-21.39	4.84	3	Vertical	360	2.24	-	27.77	32.95	6.33	34.44
AV	7.38588G	44.45	54.00	-9.55	9.96	3	Vertical	206	2.05	-	34.49	36.68	8.11	34.83
PK	4.91962G	45.78	74.00	-28.22	4.81	3	Vertical	360	2.24	-	40.97	32.92	6.33	34.44
PK	7.38606G	52.27	74.00	-21.73	9.96	3	Vertical	206	2.05	-	42.31	36.68	8.11	34.83



802.11ax HEW20_Nss1,(MCS0)_4TX

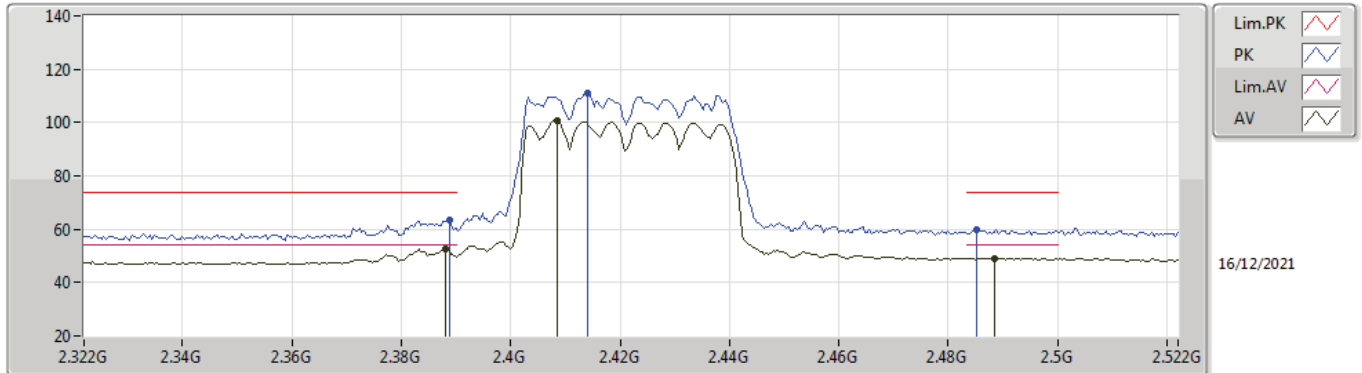
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92382G	32.08	54.00	-21.92	4.83	3	Horizontal	106	1.50	-	27.25	32.94	6.33	34.44
AV	7.38594G	45.04	54.00	-8.96	9.96	3	Horizontal	212	1.92	-	35.08	36.68	8.11	34.83
PK	4.93078G	44.78	74.00	-29.22	4.88	3	Horizontal	106	1.50	-	39.90	32.98	6.34	34.44
PK	7.3857G	51.94	74.00	-22.06	9.98	3	Horizontal	212	1.92	-	41.96	36.69	8.12	34.83

802.11ax HEW40_Nss1,(MCS0)_4TX

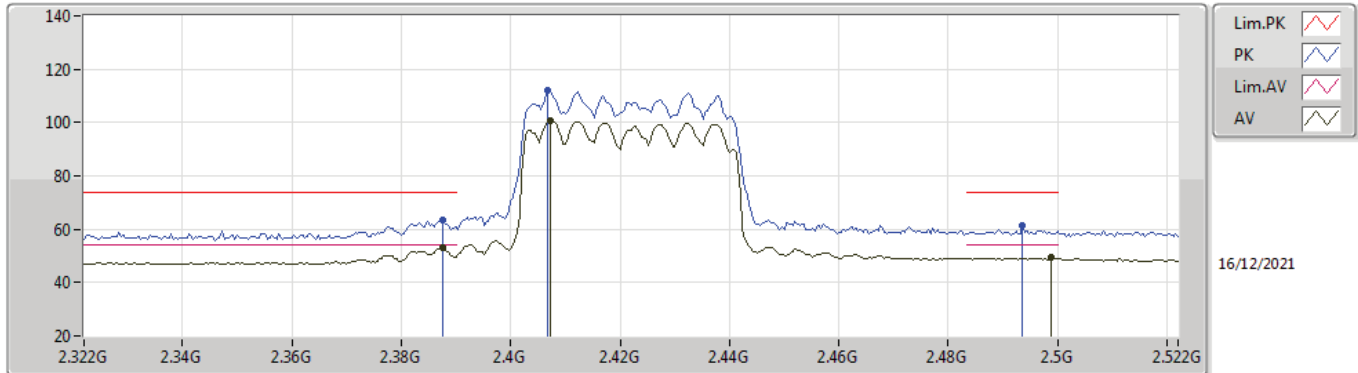
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	52.75	54.00	-1.25	31.75	3	Vertical	9	1.80	-	21.00	27.38	4.37	-
AV	2.4084G	100.57	Inf	-Inf	31.82	3	Vertical	9	1.80	-	68.75	27.43	4.39	-
AV	2.4884G	49.18	54.00	-4.82	32.34	3	Vertical	9	1.80	-	16.84	27.83	4.51	-
PK	2.3888G	63.37	74.00	-10.63	31.75	3	Vertical	9	1.80	-	31.62	27.38	4.37	-
PK	2.414G	111.13	Inf	-Inf	31.86	3	Vertical	9	1.80	-	79.27	27.46	4.40	-
PK	2.4852G	59.65	74.00	-14.35	32.31	3	Vertical	9	1.80	-	27.34	27.81	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

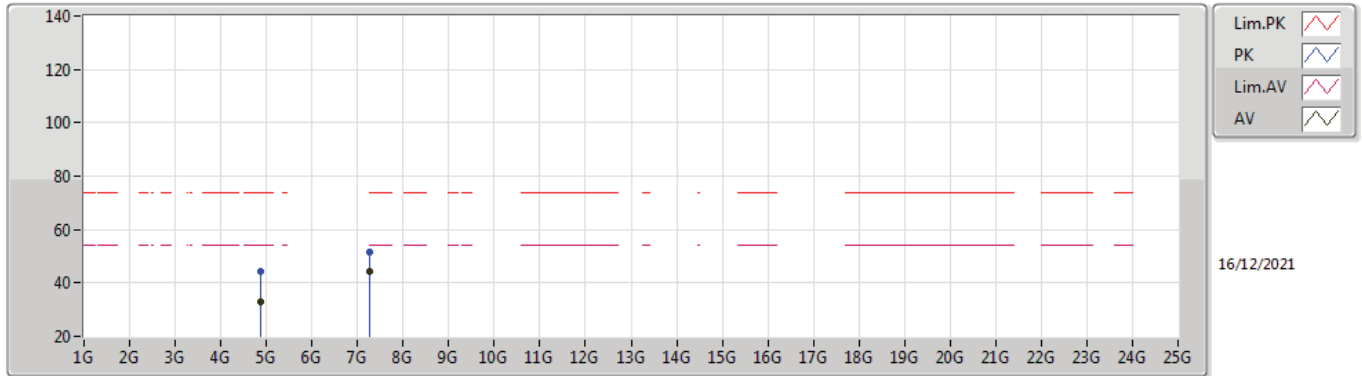
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3876G	52.99	54.00	-1.01	31.75	3	Horizontal	0	1.72	-	21.24	27.38	4.37	-
AV	2.4072G	100.67	Inf	-Inf	31.82	3	Horizontal	0	1.72	-	68.85	27.43	4.39	-
AV	2.4988G	49.43	54.00	-4.57	32.41	3	Horizontal	0	1.72	-	17.02	27.89	4.52	-
PK	2.3876G	63.33	74.00	-10.67	31.75	3	Horizontal	0	1.72	-	31.58	27.38	4.37	-
PK	2.4068G	112.02	Inf	-Inf	31.82	3	Horizontal	0	1.72	-	80.20	27.43	4.39	-
PK	2.4936G	61.31	74.00	-12.69	32.38	3	Horizontal	0	1.72	-	28.93	27.86	4.52	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

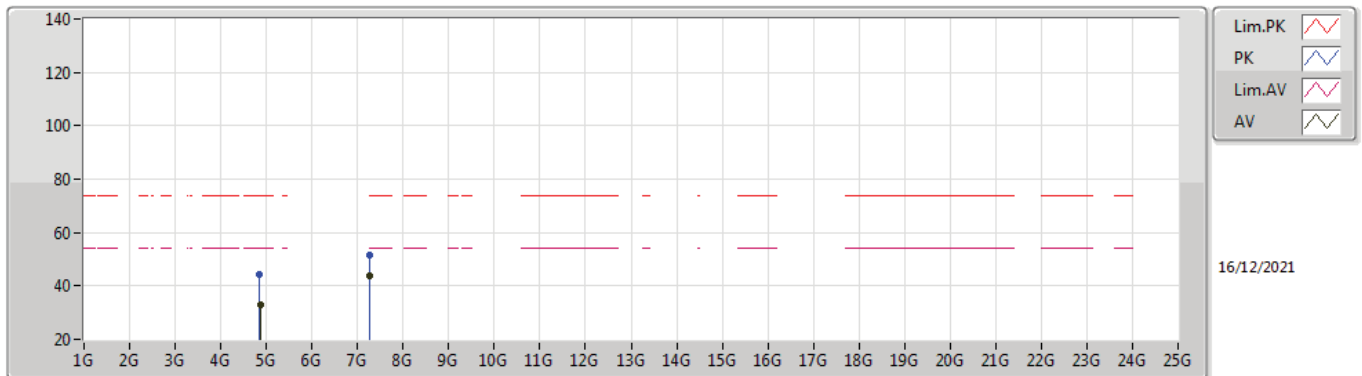


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8652G	32.89	54.00	-21.11	4.59	3	Vertical	216	2.98	-	28.30	32.73	6.30	34.44
AV	7.266G	44.43	54.00	-9.57	10.20	3	Vertical	221	2.51	-	34.23	36.84	8.16	34.80
PK	4.8682G	44.23	74.00	-29.77	4.60	3	Vertical	216	2.98	-	39.63	32.74	6.30	34.44
PK	7.2661G	51.54	74.00	-22.46	10.20	3	Vertical	221	2.51	-	41.34	36.84	8.16	34.80



802.11ax HEW40_Nss1,(MCS0)_4TX

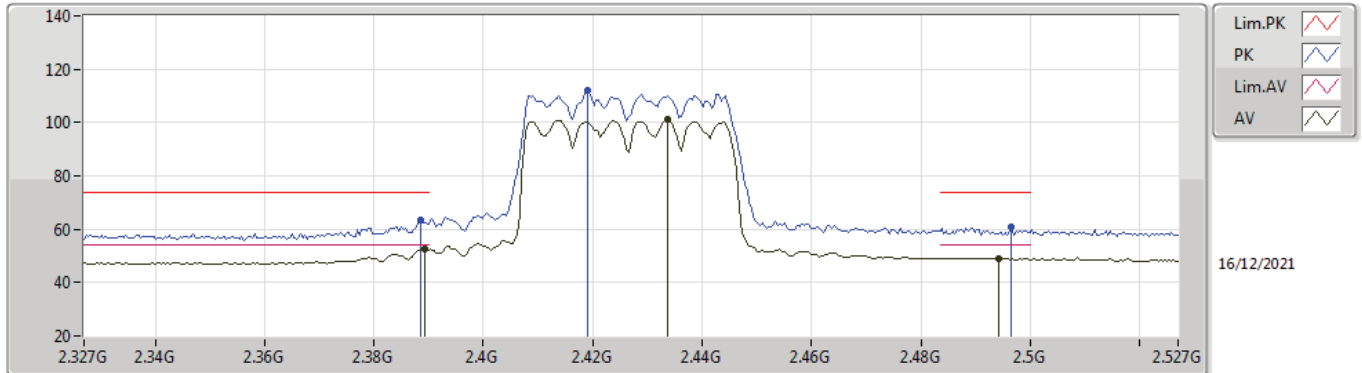
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8636G	33.03	54.00	-20.97	4.59	3	Horizontal	0	1.50	-	28.44	32.73	6.30	34.44
AV	7.2658G	43.78	54.00	-10.22	10.20	3	Horizontal	210	1.98	-	33.58	36.84	8.16	34.80
PK	4.8398G	44.42	74.00	-29.58	4.49	3	Horizontal	0	1.50	-	39.93	32.66	6.28	34.45
PK	7.2659G	51.61	74.00	-22.39	10.20	3	Horizontal	210	1.98	-	41.41	36.84	8.16	34.80

802.11ax HEW40_Nss1,(MCS0)_4TX

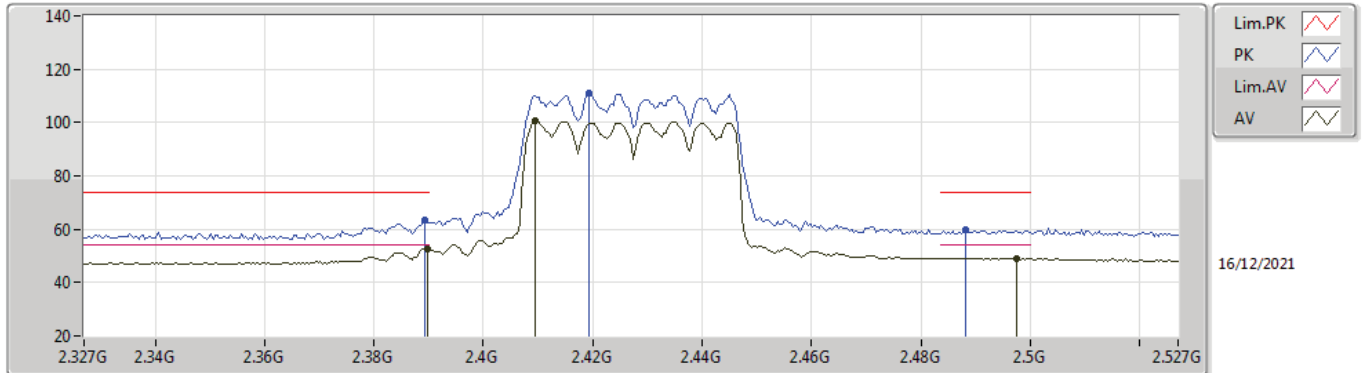
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.64	54.00	-1.36	31.75	3	Vertical	355	1.72	-	20.89	27.38	4.37	-
AV	2.4338G	100.96	Inf	-Inf	31.97	3	Vertical	355	1.72	-	68.99	27.54	4.43	-
AV	2.4942G	49.22	54.00	-4.78	32.39	3	Vertical	355	1.72	-	16.83	27.87	4.52	-
PK	2.3886G	63.30	74.00	-10.70	31.75	3	Vertical	355	1.72	-	31.55	27.38	4.37	-
PK	2.419G	111.85	Inf	-Inf	31.89	3	Vertical	355	1.72	-	79.96	27.48	4.41	-
PK	2.4966G	60.63	74.00	-13.37	32.40	3	Vertical	355	1.72	-	28.23	27.88	4.52	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

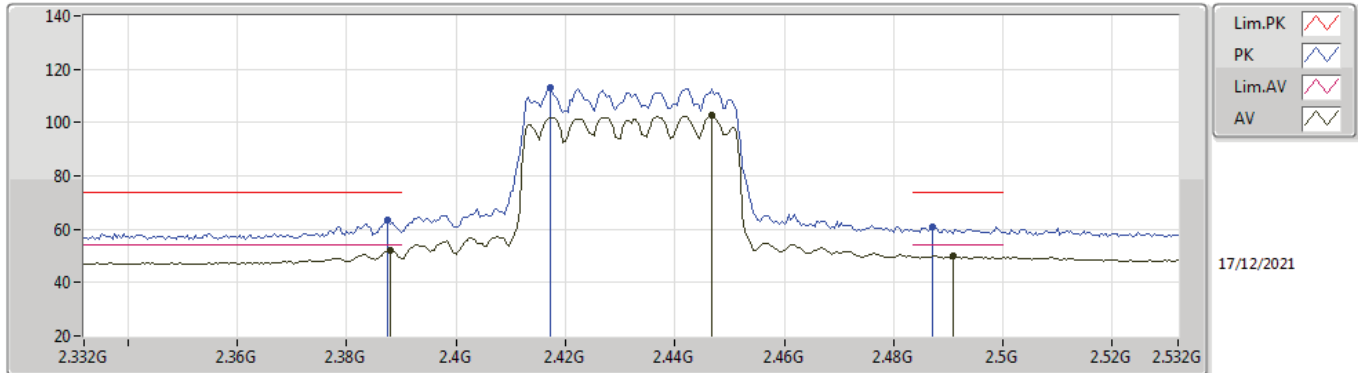


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.39	54.00	-1.61	31.75	3	Horizontal	0	1.72	-	20.64	27.38	4.37	-
AV	2.4094G	100.63	Inf	-Inf	31.83	3	Horizontal	0	1.72	-	68.80	27.44	4.39	-
AV	2.4974G	49.22	54.00	-4.78	32.40	3	Horizontal	0	1.72	-	16.82	27.88	4.52	-
PK	2.3894G	63.34	74.00	-10.66	31.75	3	Horizontal	0	1.72	-	31.59	27.38	4.37	-
PK	2.4194G	110.82	Inf	-Inf	31.89	3	Horizontal	0	1.72	-	78.93	27.48	4.41	-
PK	2.4882G	59.73	74.00	-14.27	32.34	3	Horizontal	0	1.72	-	27.39	27.83	4.51	-



802.11ax HEW40_Nss1,(MCS0)_4TX

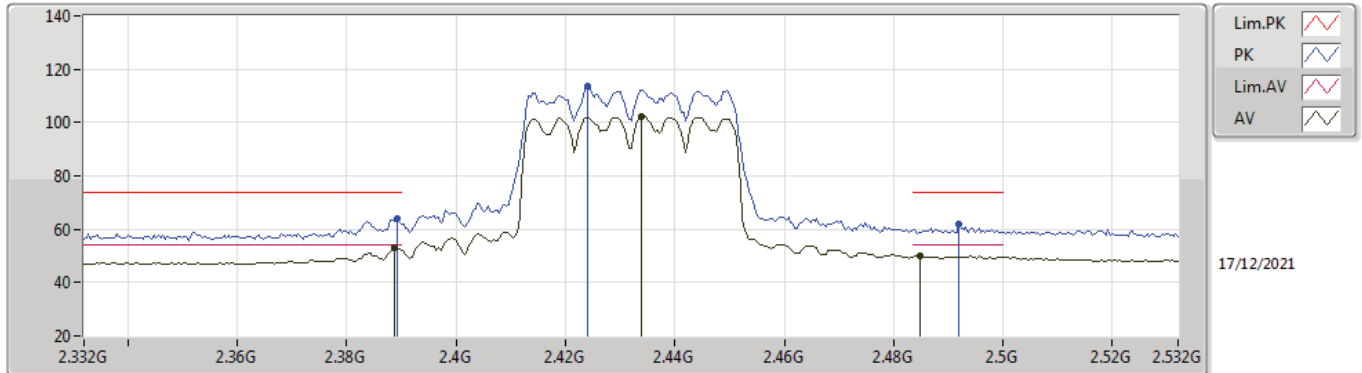
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	52.25	54.00	-1.75	31.75	3	Vertical	0	1.90	-	20.50	27.38	4.37	-
AV	2.4468G	102.52	Inf	-Inf	32.04	3	Vertical	0	1.90	-	70.48	27.59	4.45	-
AV	2.4908G	49.79	54.00	-4.21	32.35	3	Vertical	0	1.90	-	17.44	27.84	4.51	-
PK	2.3876G	63.25	74.00	-10.75	31.75	3	Vertical	0	1.90	-	31.50	27.38	4.37	-
PK	2.4172G	112.86	Inf	-Inf	31.87	3	Vertical	0	1.90	-	80.99	27.47	4.40	-
PK	2.4872G	61.08	74.00	-12.92	32.33	3	Vertical	0	1.90	-	28.75	27.82	4.51	-

802.11ax HEW40_Nss1,(MCS0)_4TX

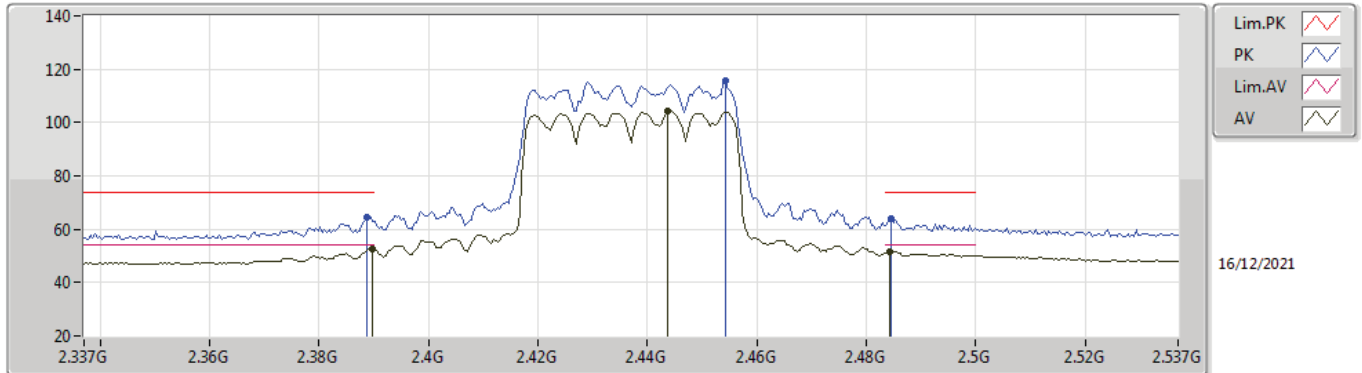
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	52.88	54.00	-1.12	31.75	3	Horizontal	6	1.50	-	21.13	27.38	4.37	-
AV	2.434G	102.29	Inf	-Inf	31.97	3	Horizontal	6	1.50	-	70.32	27.54	4.43	-
AV	2.4848G	50.14	54.00	-3.86	32.31	3	Horizontal	6	1.50	-	17.83	27.81	4.50	-
PK	2.3892G	64.06	74.00	-9.94	31.75	3	Horizontal	6	1.50	-	32.31	27.38	4.37	-
PK	2.424G	113.45	Inf	-Inf	31.91	3	Horizontal	6	1.50	-	81.54	27.50	4.41	-
PK	2.492G	61.65	74.00	-12.35	32.36	3	Horizontal	6	1.50	-	29.29	27.85	4.51	-

802.11ax HEW40_Nss1,(MCS0)_4TX

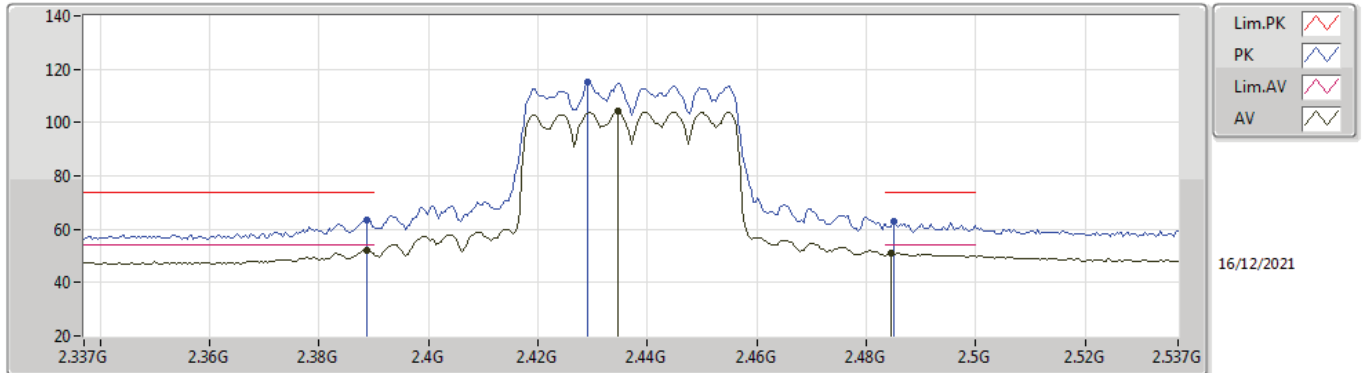
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.64	54.00	-1.36	31.75	3	Vertical	360	2.01	-	20.89	27.38	4.37	-
AV	2.4438G	104.19	Inf	-Inf	32.02	3	Vertical	360	2.01	-	72.17	27.58	4.44	-
AV	2.4842G	51.66	54.00	-2.34	32.31	3	Vertical	360	2.01	-	19.35	27.81	4.50	-
PK	2.3886G	64.73	74.00	-9.27	31.75	3	Vertical	360	2.01	-	32.98	27.38	4.37	-
PK	2.4542G	115.73	Inf	-Inf	32.09	3	Vertical	360	2.01	-	83.64	27.63	4.46	-
PK	2.4846G	63.86	74.00	-10.14	32.31	3	Vertical	360	2.01	-	31.55	27.81	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

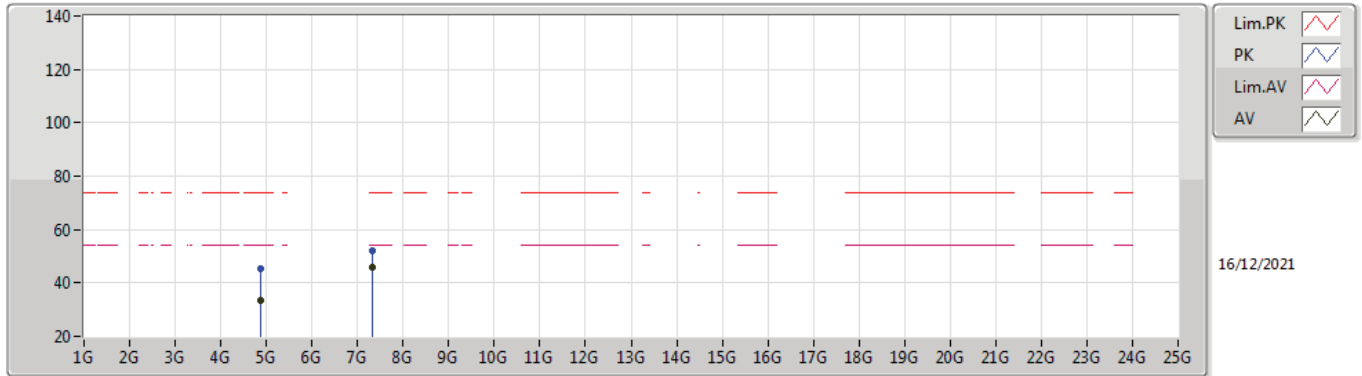
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	52.25	54.00	-1.75	31.75	3	Horizontal	0	1.50	-	20.50	27.38	4.37	-
AV	2.4346G	104.17	Inf	-Inf	31.97	3	Horizontal	0	1.50	-	72.20	27.54	4.43	-
AV	2.4846G	51.02	54.00	-2.98	32.31	3	Horizontal	0	1.50	-	18.71	27.81	4.50	-
PK	2.3886G	63.62	74.00	-10.38	31.75	3	Horizontal	0	1.50	-	31.87	27.38	4.37	-
PK	2.429G	115.15	Inf	-Inf	31.94	3	Horizontal	0	1.50	-	83.21	27.52	4.42	-
PK	2.485G	62.81	74.00	-11.19	32.31	3	Horizontal	0	1.50	-	30.50	27.81	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

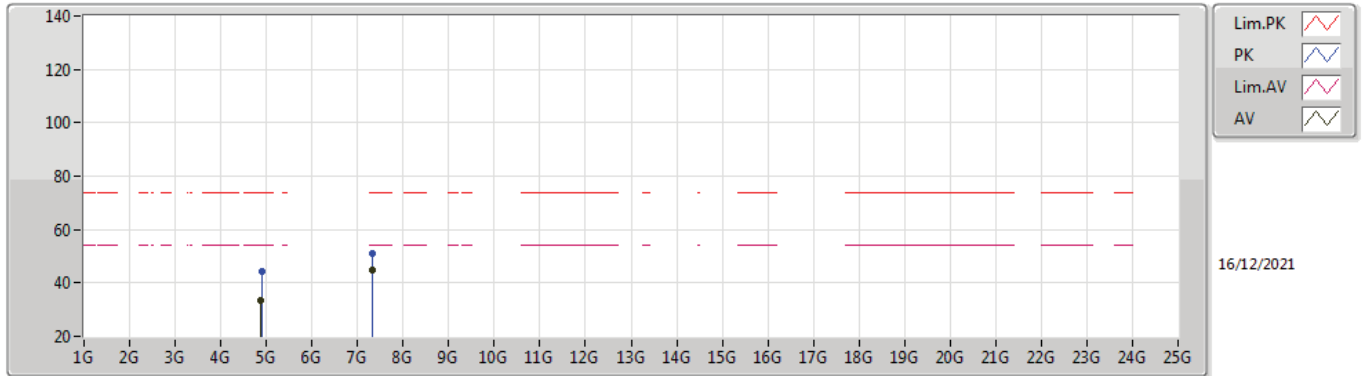
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	33.67	54.00	-20.33	4.61	3	Vertical	174	2.08	-	29.06	32.75	6.30	34.44
AV	7.3109G	45.85	54.00	-8.15	10.07	3	Vertical	206	1.98	-	35.78	36.74	8.14	34.81
PK	4.8685G	45.41	74.00	-28.59	4.60	3	Vertical	174	2.08	-	40.81	32.74	6.30	34.44
PK	7.3109G	52.11	74.00	-21.89	10.07	3	Vertical	206	1.98	-	42.04	36.74	8.14	34.81

802.11ax HEW40_Nss1,(MCS0)_4TX

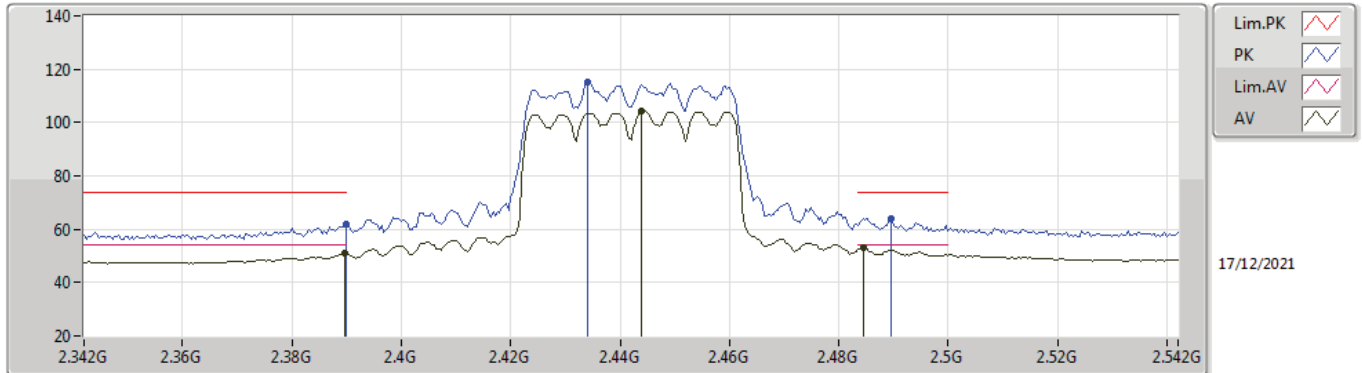
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8611G	33.30	54.00	-20.70	4.58	3	Horizontal	360	1.86	-	28.72	32.72	6.30	34.44
AV	7.3109G	44.79	54.00	-9.21	10.07	3	Horizontal	211	1.50	-	34.72	36.74	8.14	34.81
PK	4.8946G	44.49	74.00	-29.51	4.67	3	Horizontal	360	1.86	-	39.82	32.79	6.32	34.44
PK	7.311G	51.17	74.00	-22.83	10.07	3	Horizontal	211	1.50	-	41.10	36.74	8.14	34.81

802.11ax HEW40_Nss1,(MCS0)_4TX

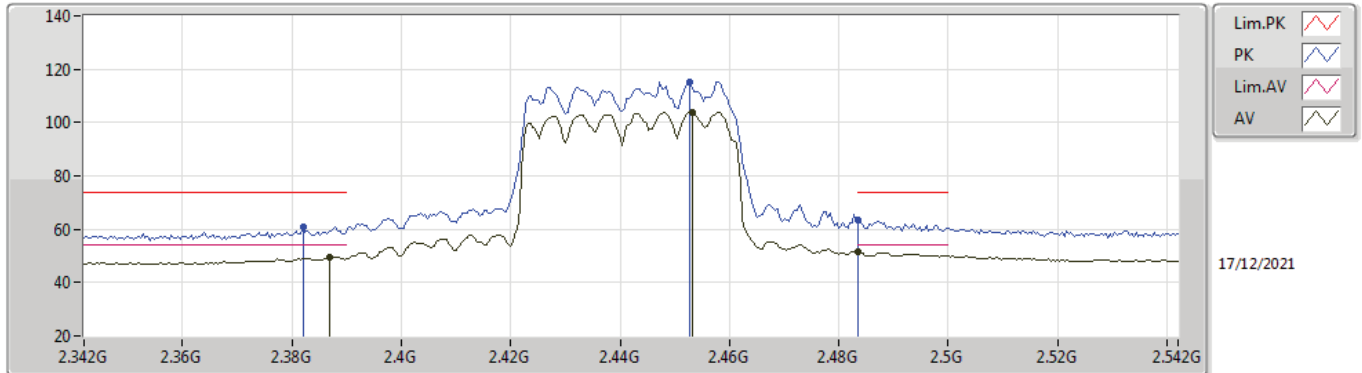
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.444G	104.18	Inf	-Inf	32.02	3	Vertical	0	1.97	-	72.16	27.58	4.44	-
AV	2.3896G	51.00	54.00	-3.00	31.75	3	Vertical	0	1.97	-	19.25	27.38	4.37	-
AV	2.4844G	52.96	54.00	-1.04	32.31	3	Vertical	0	1.97	-	20.65	27.81	4.50	-
PK	2.434G	115.31	Inf	-Inf	31.97	3	Vertical	0	1.97	-	83.34	27.54	4.43	-
PK	2.39G	61.68	74.00	-12.32	31.75	3	Vertical	0	1.97	-	29.93	27.38	4.37	-
PK	2.4896G	64.00	74.00	-10.00	32.35	3	Vertical	0	1.97	-	31.65	27.84	4.51	-

802.11ax HEW40_Nss1,(MCS0)_4TX

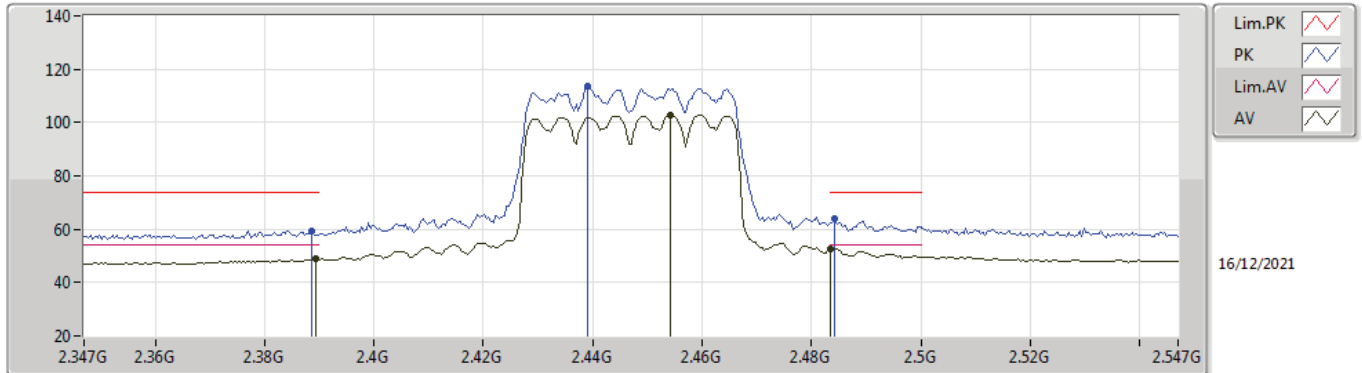
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3868G	49.69	54.00	-4.31	31.74	3	Horizontal	0	1.85	-	17.95	27.37	4.37	-
AV	2.4532G	103.97	Inf	-Inf	32.08	3	Horizontal	0	1.85	-	71.89	27.62	4.46	-
AV	2.4835G	51.34	54.00	-2.66	32.30	3	Horizontal	0	1.85	-	19.04	27.80	4.50	-
PK	2.382G	60.69	74.00	-13.31	31.72	3	Horizontal	0	1.85	-	28.97	27.36	4.36	-
PK	2.4528G	115.21	Inf	-Inf	32.08	3	Horizontal	0	1.85	-	83.13	27.62	4.46	-
PK	2.4835G	63.54	74.00	-10.46	32.30	3	Horizontal	0	1.85	-	31.24	27.80	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

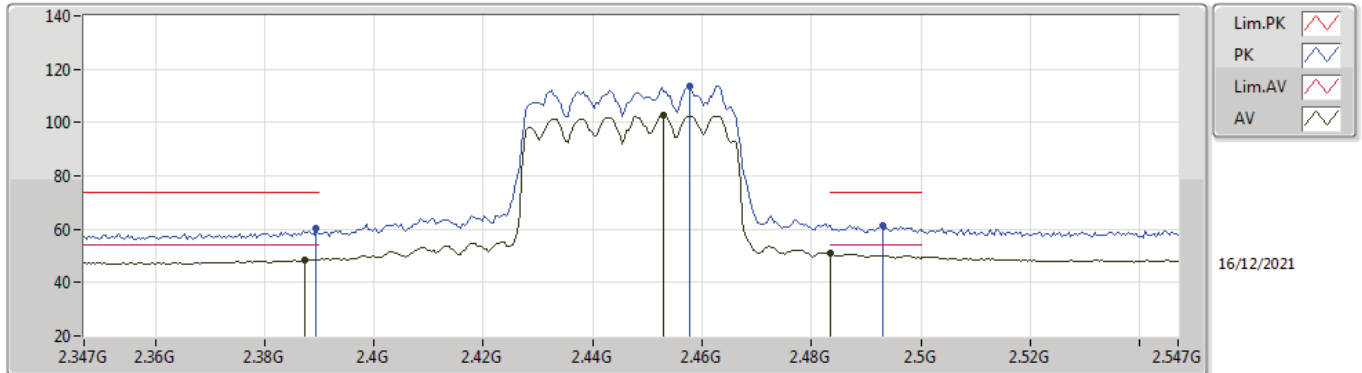
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	49.18	54.00	-4.82	31.75	3	Vertical	360	1.84	-	17.43	27.38	4.37	-
AV	2.4542G	103.00	Inf	-Inf	32.09	3	Vertical	360	1.84	-	70.91	27.63	4.46	-
AV	2.4835G	52.68	54.00	-1.32	32.30	3	Vertical	360	1.84	-	20.38	27.80	4.50	-
PK	2.3886G	59.44	74.00	-14.56	31.75	3	Vertical	360	1.84	-	27.69	27.38	4.37	-
PK	2.439G	113.48	Inf	-Inf	32.00	3	Vertical	360	1.84	-	81.48	27.56	4.44	-
PK	2.4842G	63.71	74.00	-10.29	32.31	3	Vertical	360	1.84	-	31.40	27.81	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

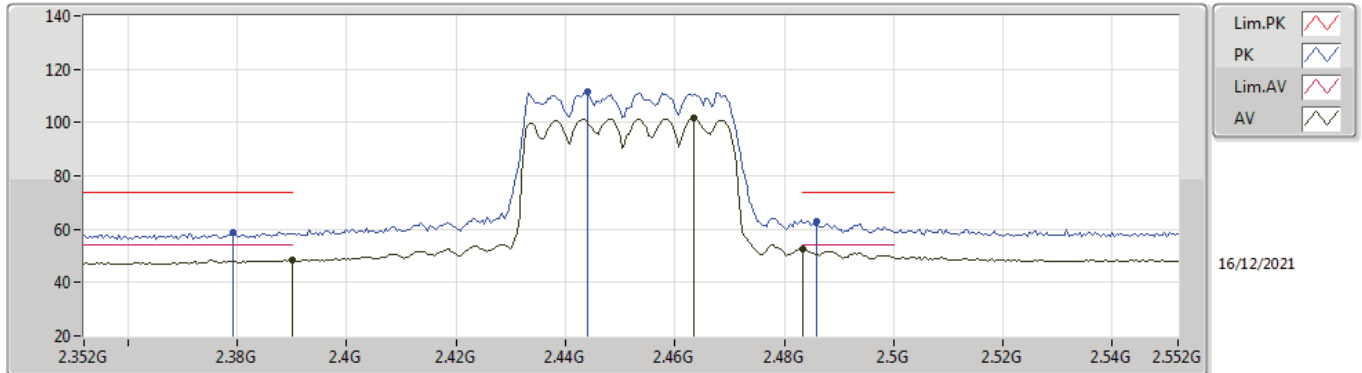
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3874G	48.58	54.00	-5.42	31.74	3	Horizontal	360	1.85	-	16.84	27.37	4.37	-
AV	2.453G	102.83	Inf	-Inf	32.08	3	Horizontal	360	1.85	-	70.75	27.62	4.46	-
AV	2.4835G	50.84	54.00	-3.16	32.30	3	Horizontal	360	1.85	-	18.54	27.80	4.50	-
PK	2.3894G	60.20	74.00	-13.80	31.75	3	Horizontal	360	1.85	-	28.45	27.38	4.37	-
PK	2.4578G	113.77	Inf	-Inf	32.11	3	Horizontal	360	1.85	-	81.66	27.65	4.46	-
PK	2.493G	61.56	74.00	-12.44	32.37	3	Horizontal	360	1.85	-	29.19	27.86	4.51	-

802.11ax HEW40_Nss1,(MCS0)_4TX

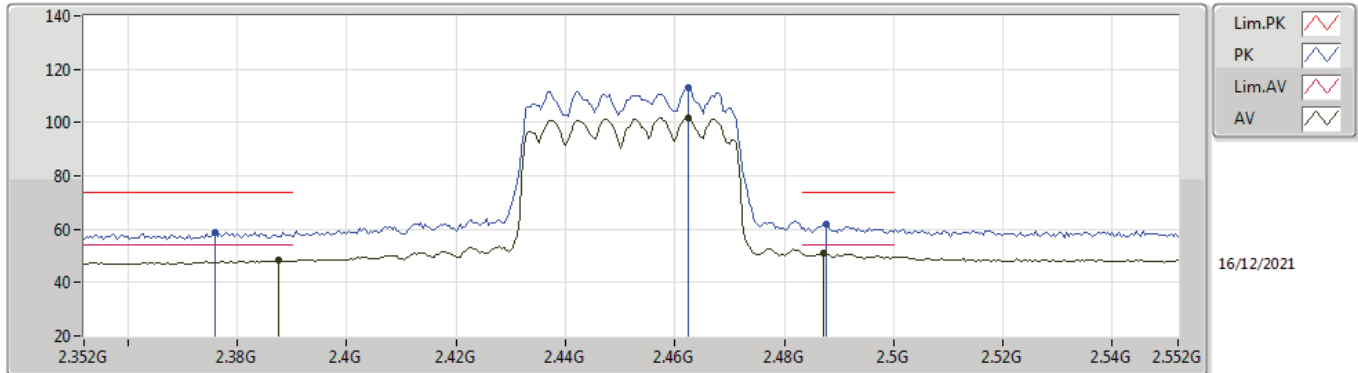
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.41	54.00	-5.59	31.75	3	Vertical	8	2.01	-	16.66	27.38	4.37	-
AV	2.4636G	101.55	Inf	-Inf	32.15	3	Vertical	8	2.01	-	69.40	27.68	4.47	-
AV	2.4835G	52.54	54.00	-1.46	32.30	3	Vertical	8	2.01	-	20.24	27.80	4.50	-
PK	2.3792G	58.98	74.00	-15.02	31.72	3	Vertical	8	2.01	-	27.26	27.36	4.36	-
PK	2.444G	111.45	Inf	-Inf	32.02	3	Vertical	8	2.01	-	79.43	27.58	4.44	-
PK	2.486G	63.15	74.00	-10.85	32.32	3	Vertical	8	2.01	-	30.83	27.82	4.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

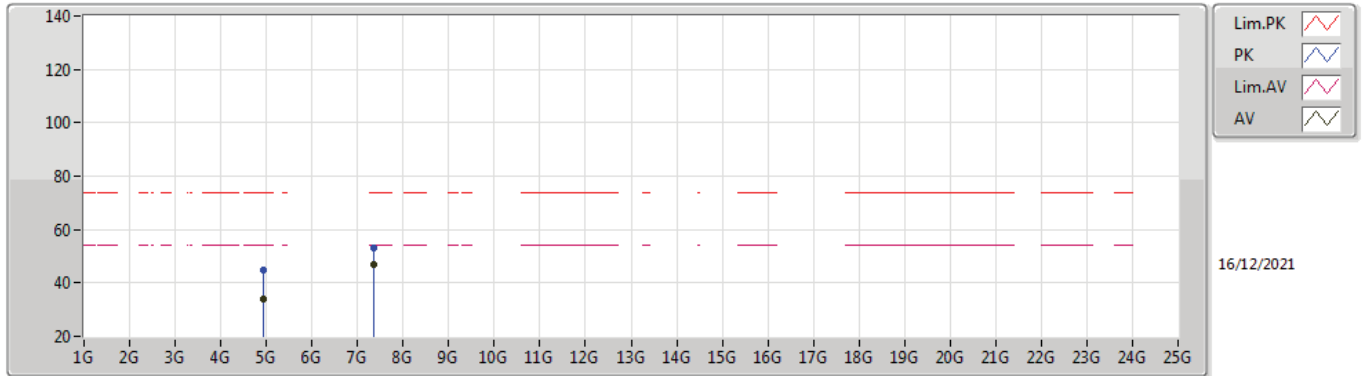
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3876G	48.19	54.00	-5.81	31.75	3	Horizontal	0	1.67	-	16.44	27.38	4.37	-
AV	2.4624G	101.94	Inf	-Inf	32.14	3	Horizontal	0	1.67	-	69.80	27.67	4.47	-
AV	2.4872G	51.20	54.00	-2.80	32.33	3	Horizontal	0	1.67	-	18.87	27.82	4.51	-
PK	2.376G	58.85	74.00	-15.15	31.70	3	Horizontal	0	1.67	-	27.15	27.35	4.35	-
PK	2.4624G	113.20	Inf	-Inf	32.14	3	Horizontal	0	1.67	-	81.06	27.67	4.47	-
PK	2.4876G	61.64	74.00	-12.36	32.34	3	Horizontal	0	1.67	-	29.30	27.83	4.51	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

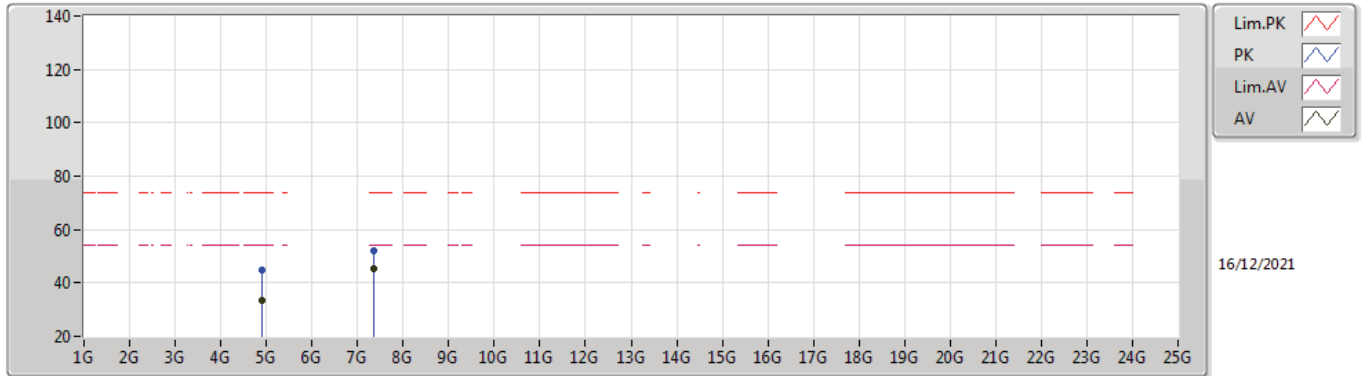


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9217G	33.80	54.00	-20.20	4.82	3	Vertical	116	2.73	-	28.98	32.93	6.33	34.44
AV	7.3559G	46.97	54.00	-7.03	10.17	3	Vertical	204	2.27	-	36.80	36.86	8.13	34.82
PK	4.922G	44.97	74.00	-29.03	4.82	3	Vertical	116	2.73	-	40.15	32.93	6.33	34.44
PK	7.3561G	53.13	74.00	-20.87	10.17	3	Vertical	204	2.27	-	42.96	36.86	8.13	34.82



802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9107G	33.62	54.00	-20.38	4.75	3	Horizontal	360	2.26	-	28.87	32.86	6.33	34.44
AV	7.3558G	45.35	54.00	-8.65	10.18	3	Horizontal	212	1.50	-	35.17	36.87	8.13	34.82
PK	4.9102G	44.58	74.00	-29.42	4.75	3	Horizontal	360	2.26	-	39.83	32.86	6.33	34.44
PK	7.356G	51.96	74.00	-22.04	10.17	3	Horizontal	212	1.50	-	41.79	36.86	8.13	34.82



Summary

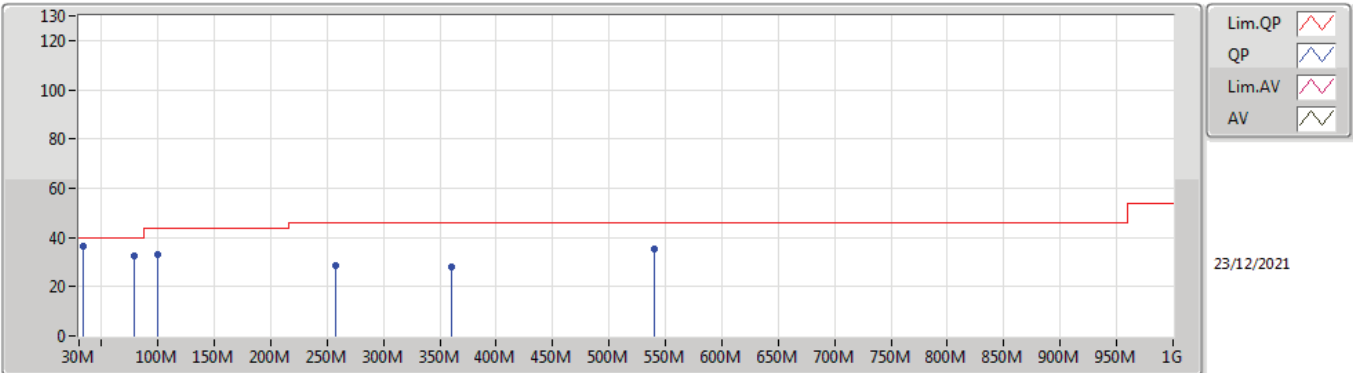
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	33.88M	36.28	40.00	-3.72	3	Vertical	0	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	33.88M	36.28	40.00	-3.72	3	Vertical	0	1.00	-
2437MHz	Pass	PK	78.5M	32.36	40.00	-7.64	3	Vertical	0	1.00	-
2437MHz	Pass	PK	99.84M	33.09	43.50	-10.41	3	Vertical	0	1.00	-
2437MHz	Pass	PK	256.98M	28.47	46.00	-17.53	3	Vertical	0	1.00	-
2437MHz	Pass	PK	359.8M	28.23	46.00	-17.77	3	Vertical	0	1.00	-
2437MHz	Pass	PK	540.22M	35.17	46.00	-10.83	3	Vertical	0	1.00	-
2437MHz	Pass	PK	78.5M	28.42	40.00	-11.58	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	97.9M	30.04	43.50	-13.46	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	148.34M	24.44	43.50	-19.06	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	237.58M	26.63	46.00	-19.37	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	355.92M	30.65	46.00	-15.35	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	538.28M	34.45	46.00	-11.55	3	Horizontal	360	1.00	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

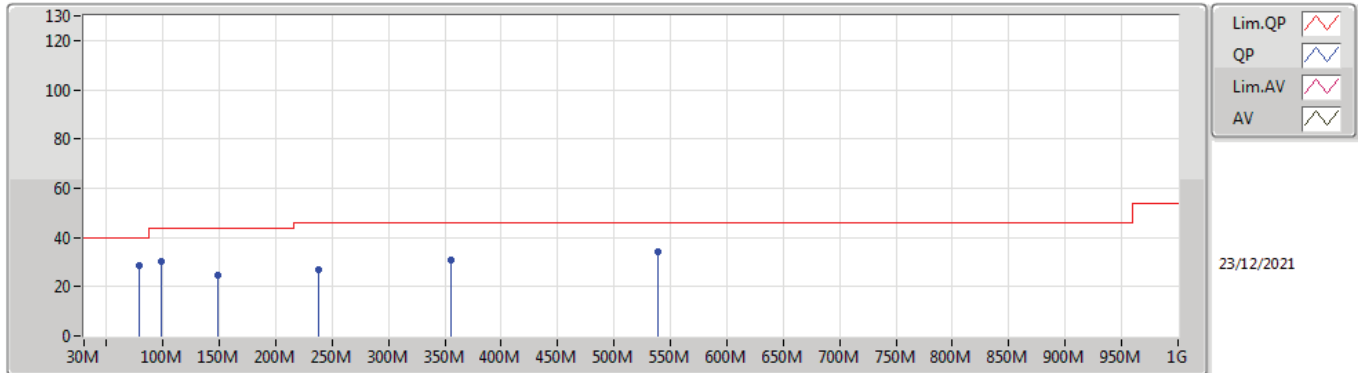
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	36.28	40.00	-3.72	-5.33	3	Vertical	0	1.00	-	41.61	21.32	0.97	27.62
PK	78.5M	32.36	40.00	-7.64	-14.39	3	Vertical	0	1.00	-	46.75	11.70	1.47	27.56
PK	99.84M	33.09	43.50	-10.41	-9.84	3	Vertical	0	1.00	-	42.93	15.85	1.70	27.39
PK	256.98M	28.47	46.00	-17.53	-5.68	3	Vertical	0	1.00	-	34.15	18.35	2.70	26.73
PK	359.8M	28.23	46.00	-17.77	-3.92	3	Vertical	0	1.00	-	32.15	19.81	3.30	27.03
PK	540.22M	35.17	46.00	-10.83	0.20	3	Vertical	0	1.00	-	34.97	24.21	4.04	28.05

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	78.5M	28.42	40.00	-11.58	-14.39	3	Horizontal	360	1.00	-	42.81	11.70	1.47	27.56
PK	97.9M	30.04	43.50	-13.46	-10.14	3	Horizontal	360	1.00	-	40.18	15.60	1.68	27.42
PK	148.34M	24.44	43.50	-19.06	-9.66	3	Horizontal	360	1.00	-	34.10	15.54	2.05	27.25
PK	237.58M	26.63	46.00	-19.37	-8.13	3	Horizontal	360	1.00	-	34.76	16.07	2.60	26.80
PK	355.92M	30.65	46.00	-15.35	-4.01	3	Horizontal	360	1.00	-	34.66	19.71	3.28	27.00
PK	538.28M	34.45	46.00	-11.55	0.04	3	Horizontal	360	1.00	-	34.41	24.04	4.03	28.03



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	52.88	54.00	-1.12	3	Horizontal	12	1.63	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	2.39G	52.94	54.00	-1.06	3	Vertical	14	2.15	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	52.45	54.00	-1.55	3	Vertical	0	1.68	-
2412MHz_TX	Pass	AV	2.4108G	104.48	Inf	-Inf	3	Vertical	0	1.68	-
2412MHz_TX	Pass	PK	2.3884G	69.25	74.00	-4.75	3	Vertical	0	1.68	-
2412MHz_TX	Pass	PK	2.4106G	116.25	Inf	-Inf	3	Vertical	0	1.68	-
2412MHz_TX	Pass	AV	2.3898G	52.06	54.00	-1.94	3	Horizontal	0	1.54	-
2412MHz_TX	Pass	AV	2.4128G	112.69	Inf	-Inf	3	Horizontal	0	1.54	-
2412MHz_TX	Pass	PK	2.39G	65.26	74.00	-8.74	3	Horizontal	0	1.54	-
2412MHz_TX	Pass	PK	2.4188G	115.61	Inf	-Inf	3	Horizontal	0	1.54	-
2412MHz_TX	Pass	AV	4.82392G	39.88	54.00	-14.12	3	Vertical	0	1.88	-
2412MHz_TX	Pass	PK	4.82386G	46.12	74.00	-27.88	3	Vertical	0	1.88	-
2412MHz_TX	Pass	AV	4.82396G	43.34	54.00	-10.66	3	Horizontal	0	2.11	-
2412MHz_TX	Pass	PK	4.82392G	48.41	74.00	-25.59	3	Horizontal	0	2.11	-
2417MHz_TX	Pass	AV	2.39G	50.32	54.00	-3.68	3	Vertical	0	1.85	-
2417MHz_TX	Pass	AV	2.4152G	110.90	Inf	-Inf	3	Vertical	0	1.85	-
2417MHz_TX	Pass	PK	2.3882G	64.44	74.00	-9.56	3	Vertical	0	1.85	-
2417MHz_TX	Pass	PK	2.414G	117.59	Inf	-Inf	3	Vertical	0	1.85	-
2417MHz_TX	Pass	AV	2.39G	51.38	54.00	-2.62	3	Horizontal	16	1.07	-
2417MHz_TX	Pass	AV	2.4178G	112.43	Inf	-Inf	3	Horizontal	16	1.07	-
2417MHz_TX	Pass	PK	2.3894G	71.70	74.00	-2.30	3	Horizontal	16	1.07	-
2417MHz_TX	Pass	PK	2.418G	117.61	Inf	-Inf	3	Horizontal	16	1.07	-
2422MHz_TX	Pass	AV	2.39G	50.48	54.00	-3.52	3	Vertical	21	1.74	-
2422MHz_TX	Pass	AV	2.4238G	111.94	Inf	-Inf	3	Vertical	21	1.74	-
2422MHz_TX	Pass	PK	2.39G	67.14	74.00	-6.86	3	Vertical	21	1.74	-
2422MHz_TX	Pass	PK	2.4282G	118.89	Inf	-Inf	3	Vertical	21	1.74	-
2422MHz_TX	Pass	AV	2.39G	52.82	54.00	-1.18	3	Horizontal	0	1.65	-
2422MHz_TX	Pass	AV	2.4234G	111.40	Inf	-Inf	3	Horizontal	0	1.65	-
2422MHz_TX	Pass	PK	2.3898G	69.27	74.00	-4.73	3	Horizontal	0	1.65	-
2422MHz_TX	Pass	PK	2.4228G	122.72	Inf	-Inf	3	Horizontal	0	1.65	-
2427MHz_TX	Pass	AV	2.3898G	51.52	54.00	-2.48	3	Vertical	19	1.99	-
2427MHz_TX	Pass	AV	2.4256G	114.38	Inf	-Inf	3	Vertical	19	1.99	-
2427MHz_TX	Pass	PK	2.3896G	66.78	74.00	-7.22	3	Vertical	19	1.99	-
2427MHz_TX	Pass	PK	2.428G	120.91	Inf	-Inf	3	Vertical	19	1.99	-
2427MHz_TX	Pass	AV	2.3892G	51.08	54.00	-2.92	3	Horizontal	0	1.48	-
2427MHz_TX	Pass	AV	2.4256G	117.24	Inf	-Inf	3	Horizontal	0	1.48	-
2427MHz_TX	Pass	PK	2.3842G	71.20	74.00	-2.80	3	Horizontal	0	1.48	-
2427MHz_TX	Pass	PK	2.4192G	123.65	Inf	-Inf	3	Horizontal	0	1.48	-
2432MHz_TX	Pass	AV	2.3898G	49.29	54.00	-4.71	3	Vertical	349	1.65	-
2432MHz_TX	Pass	AV	2.4312G	114.22	Inf	-Inf	3	Vertical	349	1.65	-
2432MHz_TX	Pass	PK	2.3892G	66.61	74.00	-7.39	3	Vertical	349	1.65	-
2432MHz_TX	Pass	PK	2.433G	121.71	Inf	-Inf	3	Vertical	349	1.65	-
2432MHz_TX	Pass	AV	2.3874G	51.20	54.00	-2.80	3	Horizontal	0	1.50	-
2432MHz_TX	Pass	AV	2.4302G	117.47	Inf	-Inf	3	Horizontal	0	1.50	-
2432MHz_TX	Pass	PK	2.3864G	71.13	74.00	-2.87	3	Horizontal	0	1.50	-
2432MHz_TX	Pass	PK	2.4228G	123.46	Inf	-Inf	3	Horizontal	0	1.50	-
2437MHz_TX	Pass	AV	2.3898G	50.79	54.00	-3.21	3	Vertical	20	1.65	-
2437MHz_TX	Pass	AV	2.4362G	116.97	Inf	-Inf	3	Vertical	20	1.65	-
2437MHz_TX	Pass	AV	2.4846G	51.90	54.00	-2.10	3	Vertical	20	1.65	-
2437MHz_TX	Pass	PK	2.3886G	70.51	74.00	-3.49	3	Vertical	20	1.65	-
2437MHz_TX	Pass	PK	2.4294G	122.96	Inf	-Inf	3	Vertical	20	1.65	-
2437MHz_TX	Pass	PK	2.4835G	69.74	74.00	-4.26	3	Vertical	20	1.65	-
2437MHz_TX	Pass	AV	2.3894G	52.44	54.00	-1.56	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	AV	2.4378G	117.32	Inf	-Inf	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	AV	2.4838G	52.74	54.00	-1.26	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	PK	2.3878G	72.01	74.00	-1.99	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	PK	2.429G	121.98	Inf	-Inf	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	PK	2.4882G	70.98	74.00	-3.02	3	Horizontal	0	2.60	-
2437MHz_TX	Pass	AV	4.87394G	46.41	54.00	-7.59	3	Vertical	0	2.10	-
2437MHz_TX	Pass	AV	7.311G	47.33	54.00	-6.67	3	Vertical	173	2.50	-
2437MHz_TX	Pass	PK	4.87401G	49.83	74.00	-24.17	3	Vertical	0	2.10	-
2437MHz_TX	Pass	PK	7.31102G	54.84	74.00	-19.16	3	Vertical	173	2.50	-



RSE TX above 1GHz_Beamforming

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz_TX	Pass	AV	4.87398G	48.65	54.00	-5.35	3	Horizontal	0	2.10	-
2437MHz_TX	Pass	AV	7.3109G	45.85	54.00	-8.15	3	Horizontal	193	1.65	-
2437MHz_TX	Pass	PK	4.87396G	52.43	74.00	-21.57	3	Horizontal	0	2.10	-
2437MHz_TX	Pass	PK	7.31096G	52.81	74.00	-21.19	3	Horizontal	193	1.65	-
2442MHz_TX	Pass	AV	2.4448G	112.54	Inf	-Inf	3	Vertical	355	1.65	-
2442MHz_TX	Pass	AV	2.4835G	50.60	54.00	-3.40	3	Vertical	355	1.65	-
2442MHz_TX	Pass	PK	2.4346G	121.63	Inf	-Inf	3	Vertical	355	1.65	-
2442MHz_TX	Pass	PK	2.4835G	61.44	74.00	-12.56	3	Vertical	355	1.65	-
2442MHz_TX	Pass	AV	2.4344G	115.07	Inf	-Inf	3	Horizontal	0	1.64	-
2442MHz_TX	Pass	AV	2.4846G	52.19	54.00	-1.81	3	Horizontal	0	1.64	-
2442MHz_TX	Pass	PK	2.4344G	125.85	Inf	-Inf	3	Horizontal	0	1.64	-
2442MHz_TX	Pass	PK	2.4848G	72.48	74.00	-1.52	3	Horizontal	0	1.64	-
2447MHz_TX	Pass	AV	2.4462G	115.67	Inf	-Inf	3	Vertical	360	1.65	-
2447MHz_TX	Pass	AV	2.4835G	50.94	54.00	-3.06	3	Vertical	360	1.65	-
2447MHz_TX	Pass	PK	2.4526G	120.57	Inf	-Inf	3	Vertical	360	1.65	-
2447MHz_TX	Pass	PK	2.4836G	64.65	74.00	-9.35	3	Vertical	360	1.65	-
2447MHz_TX	Pass	AV	2.4478G	116.18	Inf	-Inf	3	Horizontal	9	1.62	-
2447MHz_TX	Pass	AV	2.4838G	52.33	54.00	-1.67	3	Horizontal	9	1.62	-
2447MHz_TX	Pass	PK	2.438G	124.36	Inf	-Inf	3	Horizontal	9	1.62	-
2447MHz_TX	Pass	PK	2.486G	71.91	74.00	-2.09	3	Horizontal	9	1.62	-
2452MHz_TX	Pass	AV	2.4528G	113.07	Inf	-Inf	3	Vertical	0	2.24	-
2452MHz_TX	Pass	AV	2.4846G	49.69	54.00	-4.31	3	Vertical	0	2.24	-
2452MHz_TX	Pass	PK	2.4528G	118.76	Inf	-Inf	3	Vertical	0	2.24	-
2452MHz_TX	Pass	PK	2.486G	61.90	74.00	-12.10	3	Vertical	0	2.24	-
2452MHz_TX	Pass	AV	2.4432G	111.81	Inf	-Inf	3	Horizontal	12	1.63	-
2452MHz_TX	Pass	AV	2.4835G	52.88	54.00	-1.12	3	Horizontal	12	1.63	-
2452MHz_TX	Pass	PK	2.4432G	122.73	Inf	-Inf	3	Horizontal	12	1.63	-
2452MHz_TX	Pass	PK	2.4936G	71.66	74.00	-2.34	3	Horizontal	12	1.63	-
2457MHz_TX	Pass	AV	2.4578G	112.39	Inf	-Inf	3	Vertical	349	1.64	-
2457MHz_TX	Pass	AV	2.4876G	49.52	54.00	-4.48	3	Vertical	349	1.64	-
2457MHz_TX	Pass	PK	2.4494G	117.49	Inf	-Inf	3	Vertical	349	1.64	-
2457MHz_TX	Pass	PK	2.4852G	63.98	74.00	-10.02	3	Vertical	349	1.64	-
2457MHz_TX	Pass	AV	2.462G	110.41	Inf	-Inf	3	Horizontal	9	1.64	-
2457MHz_TX	Pass	AV	2.4836G	50.94	54.00	-3.06	3	Horizontal	9	1.64	-
2457MHz_TX	Pass	PK	2.4632G	121.83	Inf	-Inf	3	Horizontal	9	1.64	-
2457MHz_TX	Pass	PK	2.4838G	72.60	74.00	-1.40	3	Horizontal	9	1.64	-
2462MHz_TX	Pass	AV	2.4628G	110.27	Inf	-Inf	3	Vertical	349	1.65	-
2462MHz_TX	Pass	AV	2.4842G	49.10	54.00	-4.90	3	Vertical	349	1.65	-
2462MHz_TX	Pass	PK	2.4682G	115.30	Inf	-Inf	3	Vertical	349	1.65	-
2462MHz_TX	Pass	PK	2.485G	61.20	74.00	-12.80	3	Vertical	349	1.65	-
2462MHz_TX	Pass	AV	2.4696G	110.17	Inf	-Inf	3	Horizontal	0	1.64	-
2462MHz_TX	Pass	AV	2.4848G	51.44	54.00	-2.56	3	Horizontal	0	1.64	-
2462MHz_TX	Pass	PK	2.468G	121.41	Inf	-Inf	3	Horizontal	0	1.64	-
2462MHz_TX	Pass	PK	2.4838G	71.94	74.00	-2.06	3	Horizontal	0	1.64	-
2462MHz_TX	Pass	AV	4.9239G	36.04	54.00	-17.96	3	Vertical	360	1.98	-
2462MHz_TX	Pass	AV	7.38598G	45.55	54.00	-8.45	3	Vertical	237	1.96	-
2462MHz_TX	Pass	PK	4.923G	45.60	74.00	-28.40	3	Vertical	360	1.98	-
2462MHz_TX	Pass	PK	7.38614G	52.61	74.00	-21.39	3	Vertical	237	1.96	-
2462MHz_TX	Pass	AV	4.92406G	35.59	54.00	-18.41	3	Horizontal	1	2.15	-
2462MHz_TX	Pass	AV	7.3859G	45.23	54.00	-8.77	3	Horizontal	194	1.71	-
2462MHz_TX	Pass	PK	4.92244G	45.34	74.00	-28.66	3	Horizontal	1	2.15	-
2462MHz_TX	Pass	PK	7.38598G	52.57	74.00	-21.43	3	Horizontal	194	1.71	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TX	Pass	AV	2.39G	52.94	54.00	-1.06	3	Vertical	14	2.15	-
2422MHz_TX	Pass	AV	2.4112G	107.85	Inf	-Inf	3	Vertical	14	2.15	-
2422MHz_TX	Pass	AV	2.4835G	48.22	54.00	-5.78	3	Vertical	14	2.15	-
2422MHz_TX	Pass	PK	2.3892G	64.54	74.00	-9.46	3	Vertical	14	2.15	-
2422MHz_TX	Pass	PK	2.4084G	112.48	Inf	-Inf	3	Vertical	14	2.15	-
2422MHz_TX	Pass	PK	2.4884G	59.22	74.00	-14.78	3	Vertical	14	2.15	-
2422MHz_TX	Pass	AV	2.39G	49.99	54.00	-4.01	3	Horizontal	352	2.10	-
2422MHz_TX	Pass	AV	2.4116G	104.77	Inf	-Inf	3	Horizontal	352	2.10	-
2422MHz_TX	Pass	AV	2.4872G	48.24	54.00	-5.76	3	Horizontal	352	2.10	-



RSE TX above 1GHz_Beamforming

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz_TX	Pass	PK	2.3884G	61.73	74.00	-12.27	3	Horizontal	352	2.10	-
2422MHz_TX	Pass	PK	2.4244G	109.04	Inf	-Inf	3	Horizontal	352	2.10	-
2422MHz_TX	Pass	PK	2.4904G	59.22	74.00	-14.78	3	Horizontal	352	2.10	-
2422MHz_TX	Pass	AV	4.82416G	38.06	54.00	-15.94	3	Vertical	360	2.20	-
2422MHz_TX	Pass	PK	4.842G	45.06	74.00	-28.94	3	Vertical	360	2.20	-
2422MHz_TX	Pass	AV	4.824G	33.79	54.00	-20.21	3	Horizontal	351	1.65	-
2422MHz_TX	Pass	PK	4.82768G	44.36	74.00	-29.64	3	Horizontal	351	1.65	-
2427MHz_TX	Pass	AV	2.3894G	52.77	54.00	-1.23	3	Vertical	13	1.46	-
2427MHz_TX	Pass	AV	2.4338G	101.96	Inf	-Inf	3	Vertical	13	1.46	-
2427MHz_TX	Pass	AV	2.4894G	48.65	54.00	-5.35	3	Vertical	13	1.46	-
2427MHz_TX	Pass	PK	2.3882G	66.68	74.00	-7.32	3	Vertical	13	1.46	-
2427MHz_TX	Pass	PK	2.4134G	113.30	Inf	-Inf	3	Vertical	13	1.46	-
2427MHz_TX	Pass	PK	2.4866G	60.14	74.00	-13.86	3	Vertical	13	1.46	-
2427MHz_TX	Pass	AV	2.3846G	51.83	54.00	-2.17	3	Horizontal	0	2.59	-
2427MHz_TX	Pass	AV	2.4186G	107.81	Inf	-Inf	3	Horizontal	0	2.59	-
2427MHz_TX	Pass	AV	2.4874G	48.64	54.00	-5.36	3	Horizontal	0	2.59	-
2427MHz_TX	Pass	PK	2.381G	63.72	74.00	-10.28	3	Horizontal	0	2.59	-
2427MHz_TX	Pass	PK	2.4178G	110.26	Inf	-Inf	3	Horizontal	0	2.59	-
2427MHz_TX	Pass	PK	2.4914G	59.75	74.00	-14.25	3	Horizontal	0	2.59	-
2432MHz_TX	Pass	AV	2.39G	52.89	54.00	-1.11	3	Vertical	12	1.71	-
2432MHz_TX	Pass	AV	2.4212G	109.59	Inf	-Inf	3	Vertical	12	1.71	-
2432MHz_TX	Pass	AV	2.4835G	49.25	54.00	-4.75	3	Vertical	12	1.71	-
2432MHz_TX	Pass	PK	2.3788G	66.43	74.00	-7.57	3	Vertical	12	1.71	-
2432MHz_TX	Pass	PK	2.4368G	114.46	Inf	-Inf	3	Vertical	12	1.71	-
2432MHz_TX	Pass	PK	2.4835G	65.10	74.00	-8.90	3	Vertical	12	1.71	-
2432MHz_TX	Pass	AV	2.3892G	50.59	54.00	-3.41	3	Horizontal	0	1.65	-
2432MHz_TX	Pass	AV	2.4244G	106.85	Inf	-Inf	3	Horizontal	0	1.65	-
2432MHz_TX	Pass	AV	2.4928G	48.88	54.00	-5.12	3	Horizontal	0	1.65	-
2432MHz_TX	Pass	PK	2.3888G	63.33	74.00	-10.67	3	Horizontal	0	1.65	-
2432MHz_TX	Pass	PK	2.4308G	116.28	Inf	-Inf	3	Horizontal	0	1.65	-
2432MHz_TX	Pass	PK	2.4876G	61.08	74.00	-12.92	3	Horizontal	0	1.65	-
2437MHz_TX	Pass	AV	2.3898G	52.65	54.00	-1.35	3	Vertical	353	1.64	-
2437MHz_TX	Pass	AV	2.4254G	107.99	Inf	-Inf	3	Vertical	353	1.64	-
2437MHz_TX	Pass	AV	2.487G	50.58	54.00	-3.42	3	Vertical	353	1.64	-
2437MHz_TX	Pass	PK	2.3898G	70.09	74.00	-3.91	3	Vertical	353	1.64	-
2437MHz_TX	Pass	PK	2.4346G	115.90	Inf	-Inf	3	Vertical	353	1.64	-
2437MHz_TX	Pass	PK	2.4835G	69.39	74.00	-4.61	3	Vertical	353	1.64	-
2437MHz_TX	Pass	AV	2.3898G	50.11	54.00	-3.89	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	AV	2.4278G	109.44	Inf	-Inf	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	AV	2.4838G	50.02	54.00	-3.98	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	PK	2.3834G	66.97	74.00	-7.03	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	PK	2.4258G	110.63	Inf	-Inf	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	PK	2.4878G	67.94	74.00	-6.06	3	Horizontal	360	2.65	-
2437MHz_TX	Pass	AV	4.874G	33.21	54.00	-20.79	3	Vertical	334	2.14	-
2437MHz_TX	Pass	AV	7.311G	44.27	54.00	-9.73	3	Vertical	237	2.92	-
2437MHz_TX	Pass	PK	4.88744G	44.87	74.00	-29.13	3	Vertical	334	2.14	-
2437MHz_TX	Pass	PK	7.31092G	52.43	74.00	-21.57	3	Vertical	237	2.92	-
2437MHz_TX	Pass	AV	4.85672G	32.64	54.00	-21.36	3	Horizontal	360	2.24	-
2437MHz_TX	Pass	AV	7.311G	46.02	54.00	-7.98	3	Horizontal	193	1.75	-
2437MHz_TX	Pass	PK	4.87816G	44.91	74.00	-29.09	3	Horizontal	360	2.24	-
2437MHz_TX	Pass	PK	7.31084G	52.76	74.00	-21.24	3	Horizontal	193	1.75	-
2442MHz_TX	Pass	AV	2.3884G	49.94	54.00	-4.06	3	Vertical	21	2.16	-
2442MHz_TX	Pass	AV	2.4328G	107.31	Inf	-Inf	3	Vertical	21	2.16	-
2442MHz_TX	Pass	AV	2.4835G	51.23	54.00	-2.77	3	Vertical	21	2.16	-
2442MHz_TX	Pass	PK	2.3844G	67.31	74.00	-6.69	3	Vertical	21	2.16	-
2442MHz_TX	Pass	PK	2.436G	115.67	Inf	-Inf	3	Vertical	21	2.16	-
2442MHz_TX	Pass	PK	2.4844G	71.58	74.00	-2.42	3	Vertical	21	2.16	-
2442MHz_TX	Pass	AV	2.3896G	48.69	54.00	-5.31	3	Horizontal	0	2.67	-
2442MHz_TX	Pass	AV	2.4312G	109.67	Inf	-Inf	3	Horizontal	0	2.67	-
2442MHz_TX	Pass	AV	2.4848G	49.65	54.00	-4.35	3	Horizontal	0	2.67	-
2442MHz_TX	Pass	PK	2.3892G	65.47	74.00	-8.53	3	Horizontal	0	2.67	-
2442MHz_TX	Pass	PK	2.4304G	111.81	Inf	-Inf	3	Horizontal	0	2.67	-



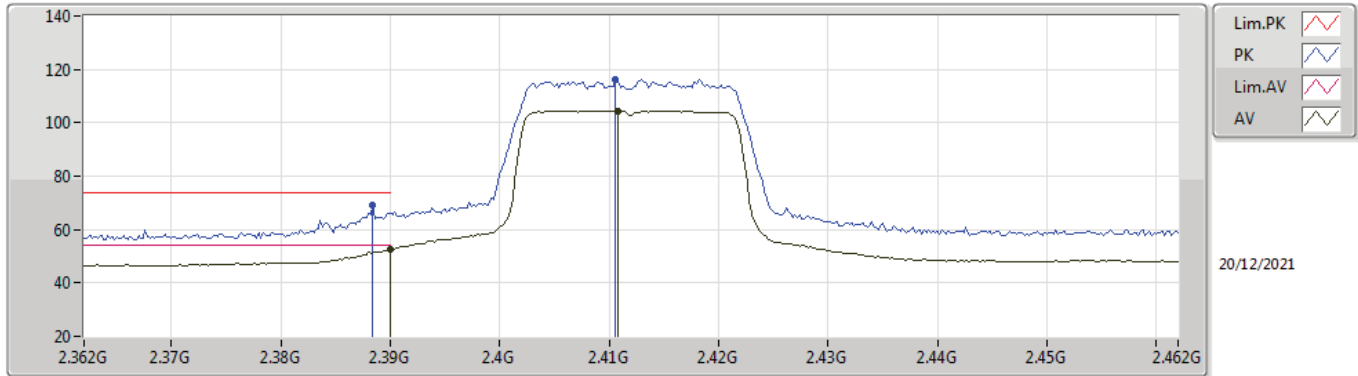
RSE TX above 1GHz_Beamforming

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz_TX	Pass	PK	2.4912G	66.92	74.00	-7.08	3	Horizontal	0	2.67	-
2447MHz_TX	Pass	AV	2.387G	48.85	54.00	-5.15	3	Vertical	0	1.65	-
2447MHz_TX	Pass	AV	2.4362G	110.89	Inf	-Inf	3	Vertical	0	1.65	-
2447MHz_TX	Pass	AV	2.4842G	51.70	54.00	-2.30	3	Vertical	0	1.65	-
2447MHz_TX	Pass	PK	2.3898G	63.34	74.00	-10.66	3	Vertical	0	1.65	-
2447MHz_TX	Pass	PK	2.433G	115.99	Inf	-Inf	3	Vertical	0	1.65	-
2447MHz_TX	Pass	PK	2.4842G	72.14	74.00	-1.86	3	Vertical	0	1.65	-
2447MHz_TX	Pass	AV	2.389G	48.29	54.00	-5.71	3	Horizontal	357	1.98	-
2447MHz_TX	Pass	AV	2.4354G	109.53	Inf	-Inf	3	Horizontal	357	1.98	-
2447MHz_TX	Pass	AV	2.485G	49.46	54.00	-4.54	3	Horizontal	357	1.98	-
2447MHz_TX	Pass	PK	2.385G	60.79	74.00	-13.21	3	Horizontal	357	1.98	-
2447MHz_TX	Pass	PK	2.4482G	113.83	Inf	-Inf	3	Horizontal	357	1.98	-
2447MHz_TX	Pass	PK	2.4874G	66.99	74.00	-7.01	3	Horizontal	357	1.98	-
2452MHz_TX	Pass	AV	2.3892G	47.88	54.00	-6.12	3	Vertical	4	1.95	-
2452MHz_TX	Pass	AV	2.4412G	108.80	Inf	-Inf	3	Vertical	4	1.95	-
2452MHz_TX	Pass	AV	2.4835G	51.69	54.00	-2.31	3	Vertical	4	1.95	-
2452MHz_TX	Pass	PK	2.3844G	59.23	74.00	-14.77	3	Vertical	4	1.95	-
2452MHz_TX	Pass	PK	2.446G	115.09	Inf	-Inf	3	Vertical	4	1.95	-
2452MHz_TX	Pass	PK	2.4876G	70.99	74.00	-3.01	3	Vertical	4	1.95	-
2452MHz_TX	Pass	AV	2.3892G	47.88	54.00	-6.12	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	AV	2.4432G	108.35	Inf	-Inf	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	AV	2.4848G	49.84	54.00	-4.16	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	PK	2.384G	58.76	74.00	-15.24	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	PK	2.446G	114.47	Inf	-Inf	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	PK	2.4835G	67.95	74.00	-6.05	3	Horizontal	0	1.92	-
2452MHz_TX	Pass	AV	4.884G	36.77	54.00	-17.23	3	Vertical	355	1.65	-
2452MHz_TX	Pass	AV	7.356G	48.13	54.00	-5.87	3	Vertical	233	2.77	-
2452MHz_TX	Pass	PK	4.89144G	44.90	74.00	-29.10	3	Vertical	355	1.65	-
2452MHz_TX	Pass	PK	7.35592G	54.32	74.00	-19.68	3	Vertical	233	2.77	-
2452MHz_TX	Pass	AV	4.884G	35.97	54.00	-18.03	3	Horizontal	0	1.65	-
2452MHz_TX	Pass	AV	7.356G	46.00	54.00	-8.00	3	Horizontal	195	1.67	-
2452MHz_TX	Pass	PK	4.92296G	45.25	74.00	-28.75	3	Horizontal	0	1.65	-
2452MHz_TX	Pass	PK	7.35592G	52.70	74.00	-21.30	3	Horizontal	195	1.67	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

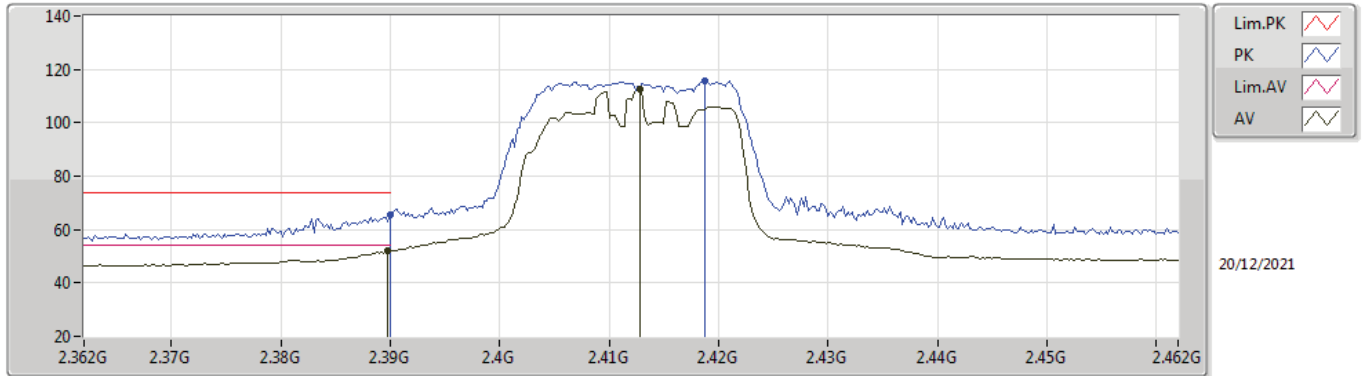
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.45	54.00	-1.55	31.75	3	Vertical	0	1.68	-	20.70	27.38	4.37	-
AV	2.4108G	104.48	Inf	-Inf	31.84	3	Vertical	0	1.68	-	72.64	27.44	4.40	-
PK	2.3884G	69.25	74.00	-4.75	31.75	3	Vertical	0	1.68	-	37.50	27.38	4.37	-
PK	2.4106G	116.25	Inf	-Inf	31.84	3	Vertical	0	1.68	-	84.41	27.44	4.40	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

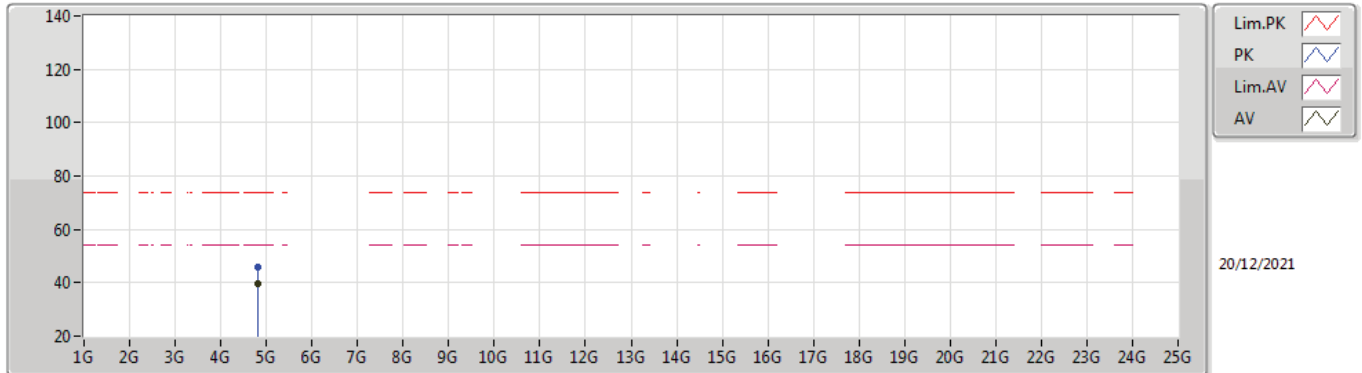
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.06	54.00	-1.94	31.75	3	Horizontal	0	1.54	-	20.31	27.38	4.37	-
AV	2.4128G	112.69	Inf	-Inf	31.85	3	Horizontal	0	1.54	-	80.84	27.45	4.40	-
PK	2.39G	65.26	74.00	-8.74	31.75	3	Horizontal	0	1.54	-	33.51	27.38	4.37	-
PK	2.4188G	115.61	Inf	-Inf	31.89	3	Horizontal	0	1.54	-	83.72	27.48	4.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

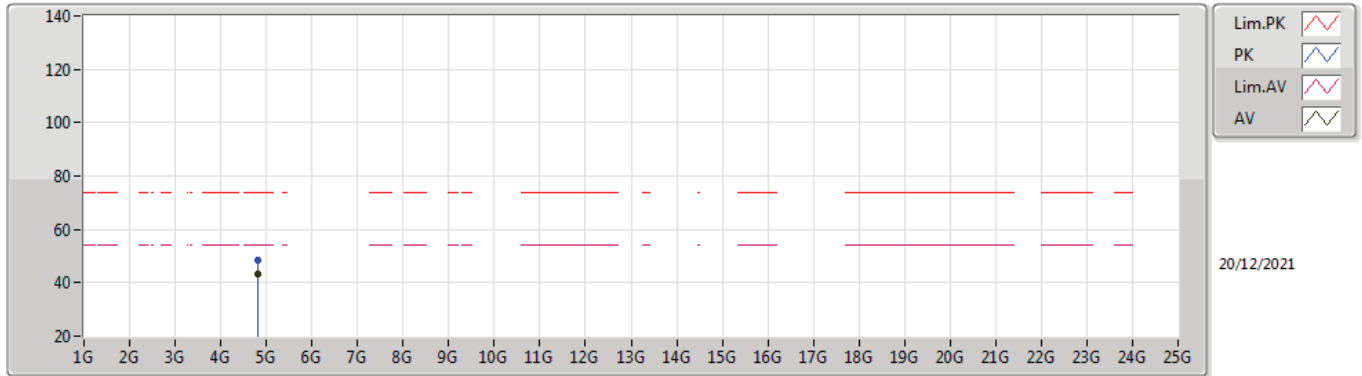
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82392G	39.88	54.00	-14.12	4.42	3	Vertical	0	1.88	-	35.46	32.60	6.27	34.45
PK	4.82386G	46.12	74.00	-27.88	4.42	3	Vertical	0	1.88	-	41.70	32.60	6.27	34.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

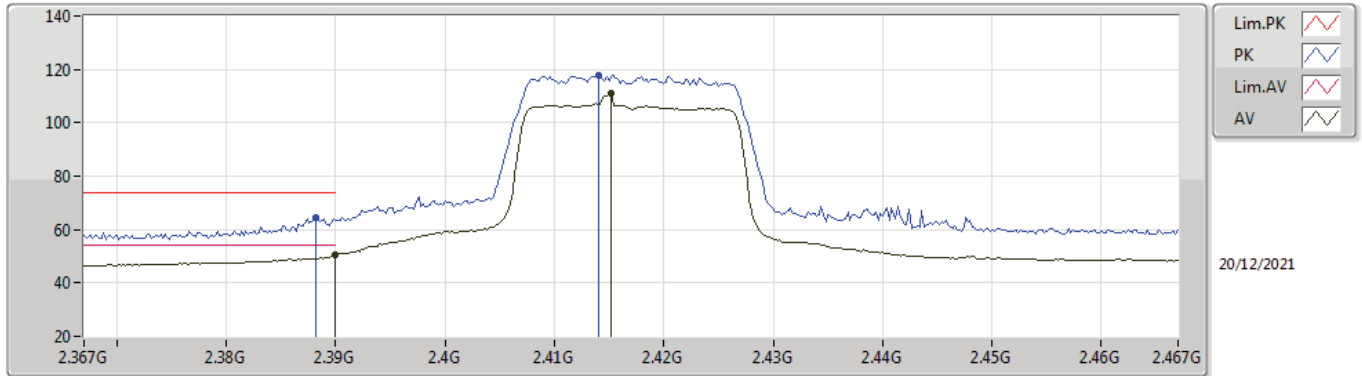
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	43.34	54.00	-10.66	4.42	3	Horizontal	0	2.11	-	38.92	32.60	6.27	34.45
PK	4.82392G	48.41	74.00	-25.59	4.42	3	Horizontal	0	2.11	-	43.99	32.60	6.27	34.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

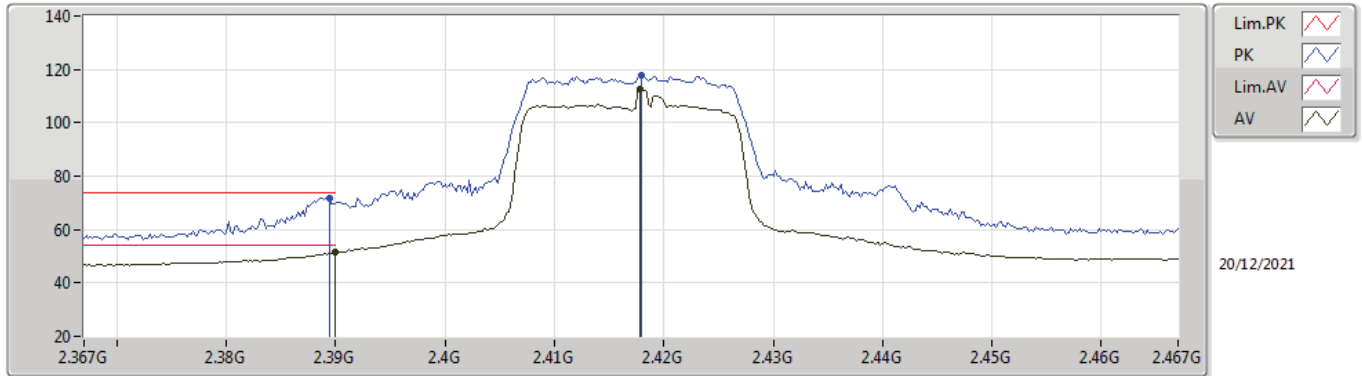
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.32	54.00	-3.68	31.75	3	Vertical	0	1.85	-	18.57	27.38	4.37	-
AV	2.4152G	110.90	Inf	-Inf	31.86	3	Vertical	0	1.85	-	79.04	27.46	4.40	-
PK	2.3882G	64.44	74.00	-9.56	31.75	3	Vertical	0	1.85	-	32.69	27.38	4.37	-
PK	2.414G	117.59	Inf	-Inf	31.86	3	Vertical	0	1.85	-	85.73	27.46	4.40	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

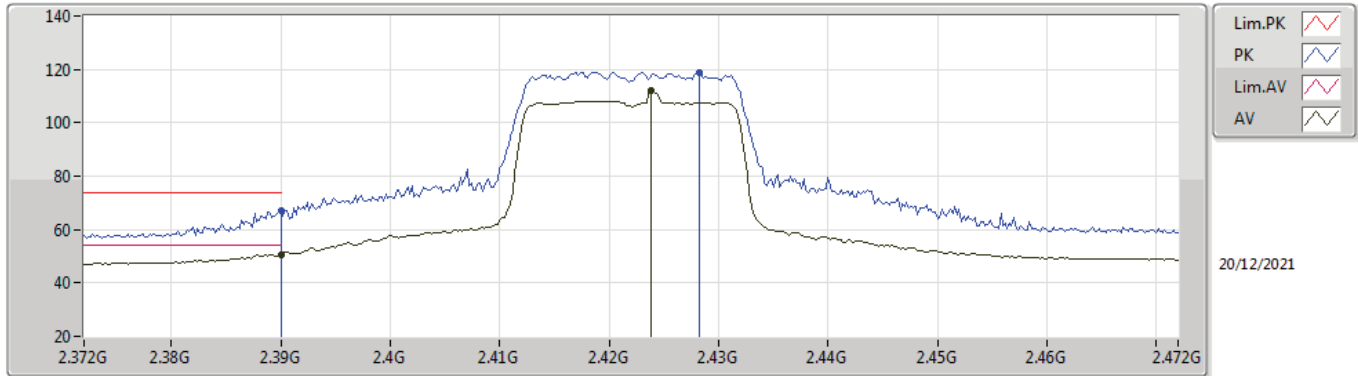
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.38	54.00	-2.62	31.75	3	Horizontal	16	1.07	-	19.63	27.38	4.37	-
AV	2.4178G	112.43	Inf	-Inf	31.88	3	Horizontal	16	1.07	-	80.55	27.47	4.41	-
PK	2.3894G	71.70	74.00	-2.30	31.75	3	Horizontal	16	1.07	-	39.95	27.38	4.37	-
PK	2.418G	117.61	Inf	-Inf	31.88	3	Horizontal	16	1.07	-	85.73	27.47	4.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

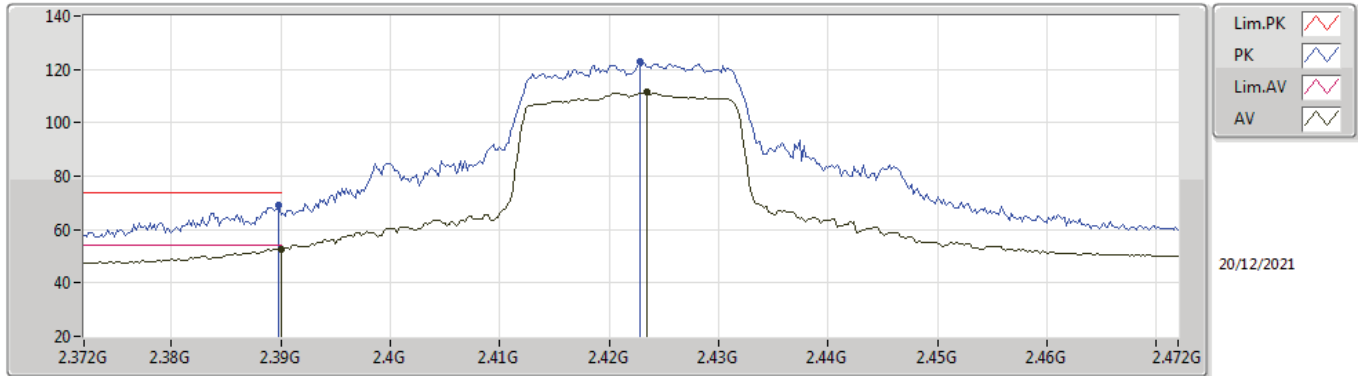
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.48	54.00	-3.52	31.75	3	Vertical	21	1.74	-	18.73	27.38	4.37	-
AV	2.4238G	111.94	Inf	-Inf	31.91	3	Vertical	21	1.74	-	80.03	27.50	4.41	-
PK	2.39G	67.14	74.00	-6.86	31.75	3	Vertical	21	1.74	-	35.39	27.38	4.37	-
PK	2.4282G	118.89	Inf	-Inf	31.93	3	Vertical	21	1.74	-	86.96	27.51	4.42	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

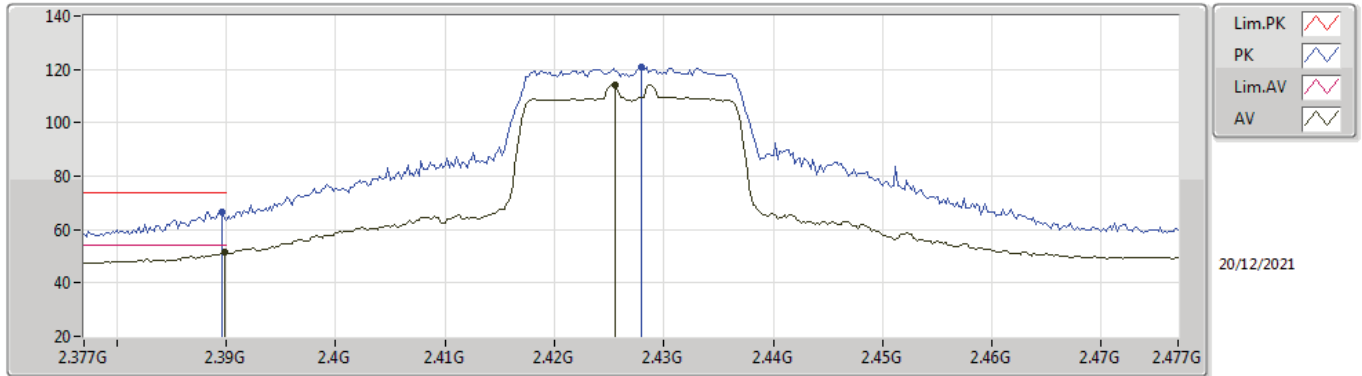
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.82	54.00	-1.18	31.75	3	Horizontal	0	1.65	-	21.07	27.38	4.37	-
AV	2.4234G	111.40	Inf	-Inf	31.90	3	Horizontal	0	1.65	-	79.50	27.49	4.41	-
PK	2.3898G	69.27	74.00	-4.73	31.75	3	Horizontal	0	1.65	-	37.52	27.38	4.37	-
PK	2.4228G	122.72	Inf	-Inf	31.90	3	Horizontal	0	1.65	-	90.82	27.49	4.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

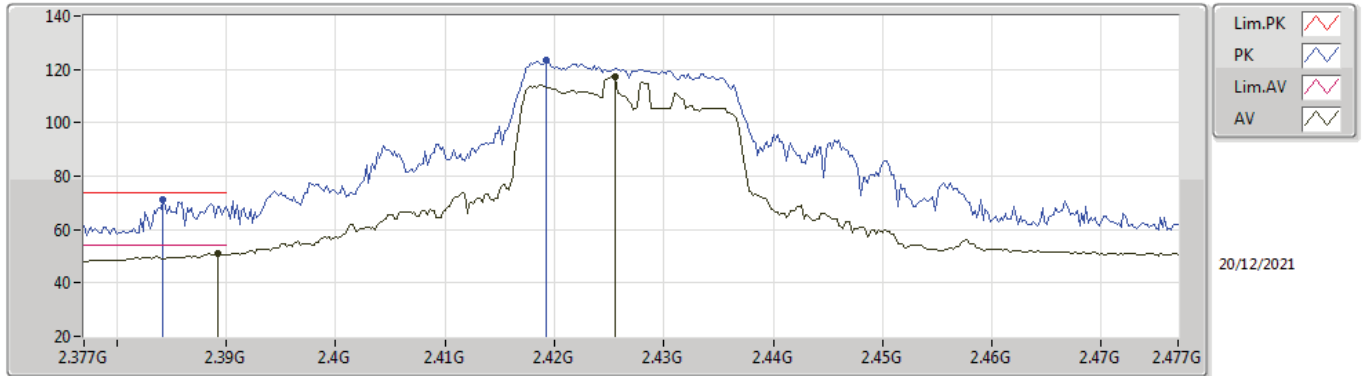
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.52	54.00	-2.48	31.75	3	Vertical	19	1.99	-	19.77	27.38	4.37	-
AV	2.4256G	114.38	Inf	-Inf	31.92	3	Vertical	19	1.99	-	82.46	27.50	4.42	-
PK	2.3896G	66.78	74.00	-7.22	31.75	3	Vertical	19	1.99	-	35.03	27.38	4.37	-
PK	2.428G	120.91	Inf	-Inf	31.93	3	Vertical	19	1.99	-	88.98	27.51	4.42	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

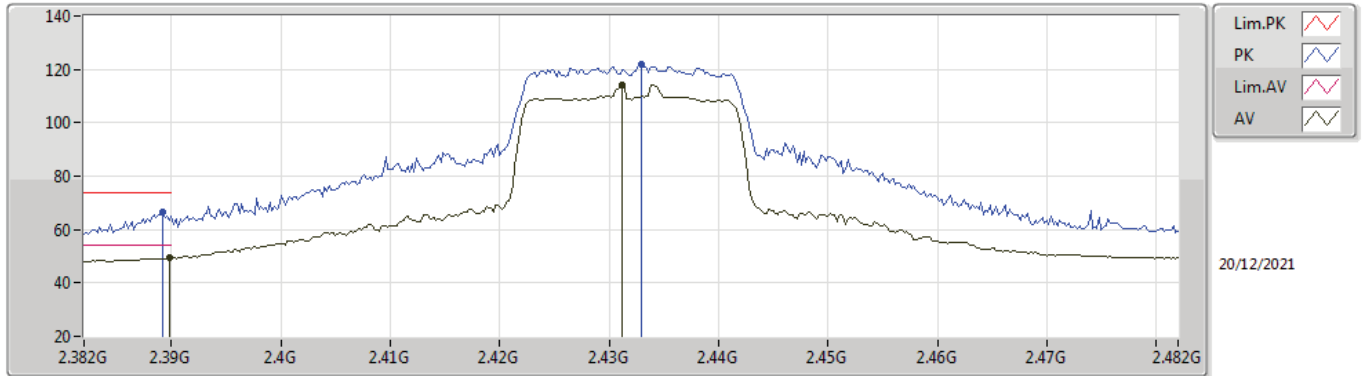
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	51.08	54.00	-2.92	31.75	3	Horizontal	0	1.48	-	19.33	27.38	4.37	-
AV	2.4256G	117.24	Inf	-Inf	31.92	3	Horizontal	0	1.48	-	85.32	27.50	4.42	-
PK	2.3842G	71.20	74.00	-2.80	31.73	3	Horizontal	0	1.48	-	39.47	27.37	4.36	-
PK	2.4192G	123.65	Inf	-Inf	31.89	3	Horizontal	0	1.48	-	91.76	27.48	4.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

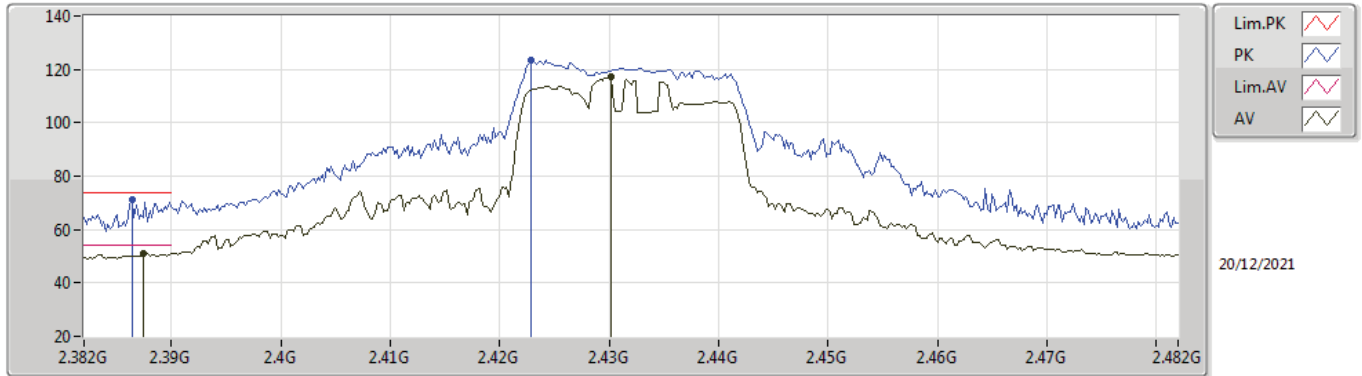
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.29	54.00	-4.71	31.75	3	Vertical	349	1.65	-	17.54	27.38	4.37	-
AV	2.4312G	114.22	Inf	-Inf	31.95	3	Vertical	349	1.65	-	82.27	27.52	4.43	-
PK	2.3892G	66.61	74.00	-7.39	31.75	3	Vertical	349	1.65	-	34.86	27.38	4.37	-
PK	2.433G	121.71	Inf	-Inf	31.96	3	Vertical	349	1.65	-	89.75	27.53	4.43	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

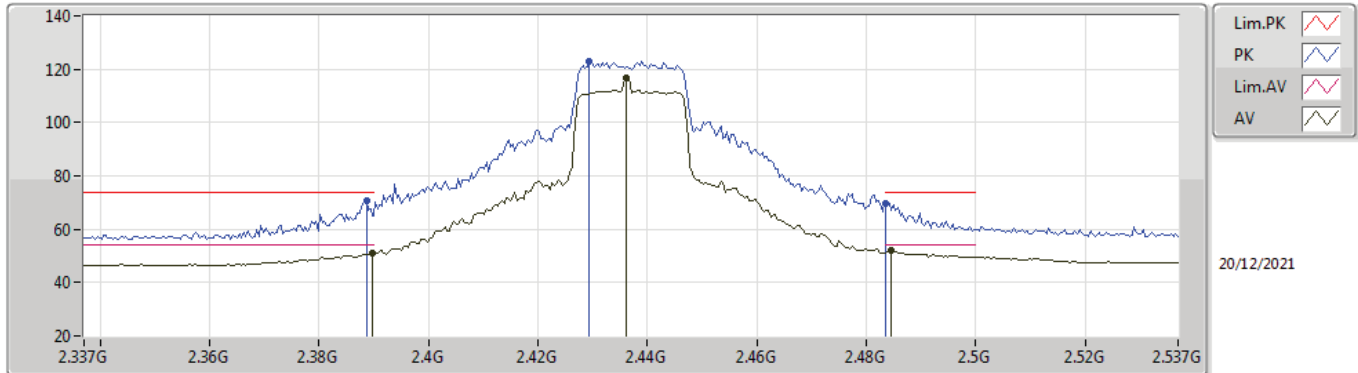
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	51.20	54.00	-2.80	31.74	3	Horizontal	0	1.50	-	19.46	27.37	4.37	-
AV	2.4302G	117.47	Inf	-Inf	31.94	3	Horizontal	0	1.50	-	85.53	27.52	4.42	-
PK	2.3864G	71.13	74.00	-2.87	31.74	3	Horizontal	0	1.50	-	39.39	27.37	4.37	-
PK	2.4228G	123.46	Inf	-Inf	31.90	3	Horizontal	0	1.50	-	91.56	27.49	4.41	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

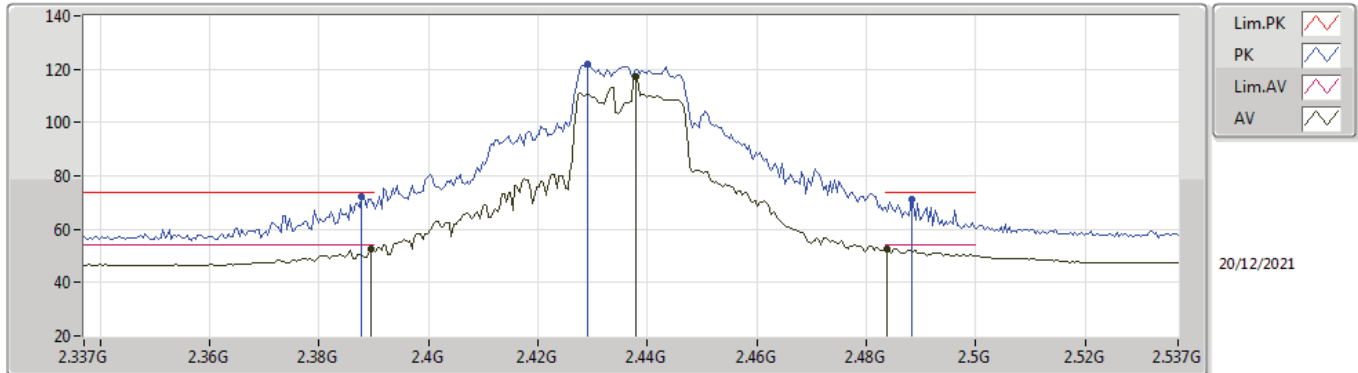
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.79	54.00	-3.21	31.75	3	Vertical	20	1.65	-	19.04	27.38	4.37	-
AV	2.4362G	116.97	Inf	-Inf	31.97	3	Vertical	20	1.65	-	85.00	27.54	4.43	-
AV	2.4846G	51.90	54.00	-2.10	32.31	3	Vertical	20	1.65	-	19.59	27.81	4.50	-
PK	2.3886G	70.51	74.00	-3.49	31.75	3	Vertical	20	1.65	-	38.76	27.38	4.37	-
PK	2.4294G	122.96	Inf	-Inf	31.94	3	Vertical	20	1.65	-	91.02	27.52	4.42	-
PK	2.4835G	69.74	74.00	-4.26	32.30	3	Vertical	20	1.65	-	37.44	27.80	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

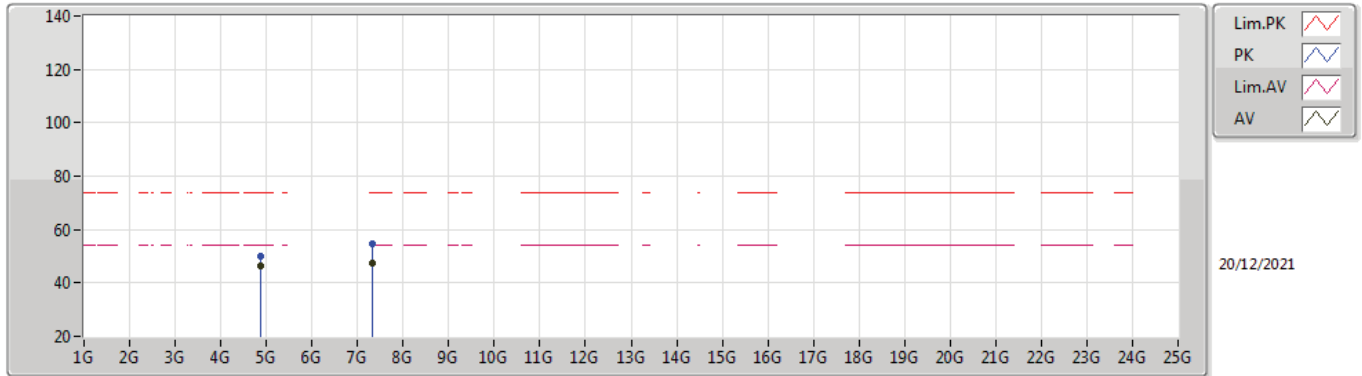
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.44	54.00	-1.56	31.75	3	Horizontal	0	2.60	-	20.69	27.38	4.37	-
AV	2.4378G	117.32	Inf	-Inf	31.98	3	Horizontal	0	2.60	-	85.34	27.55	4.43	-
AV	2.4838G	52.74	54.00	-1.26	32.30	3	Horizontal	0	2.60	-	20.44	27.80	4.50	-
PK	2.3878G	72.01	74.00	-1.99	31.75	3	Horizontal	0	2.60	-	40.26	27.38	4.37	-
PK	2.429G	121.98	Inf	-Inf	31.94	3	Horizontal	0	2.60	-	90.04	27.52	4.42	-
PK	2.4882G	70.98	74.00	-3.02	32.34	3	Horizontal	0	2.60	-	38.64	27.83	4.51	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

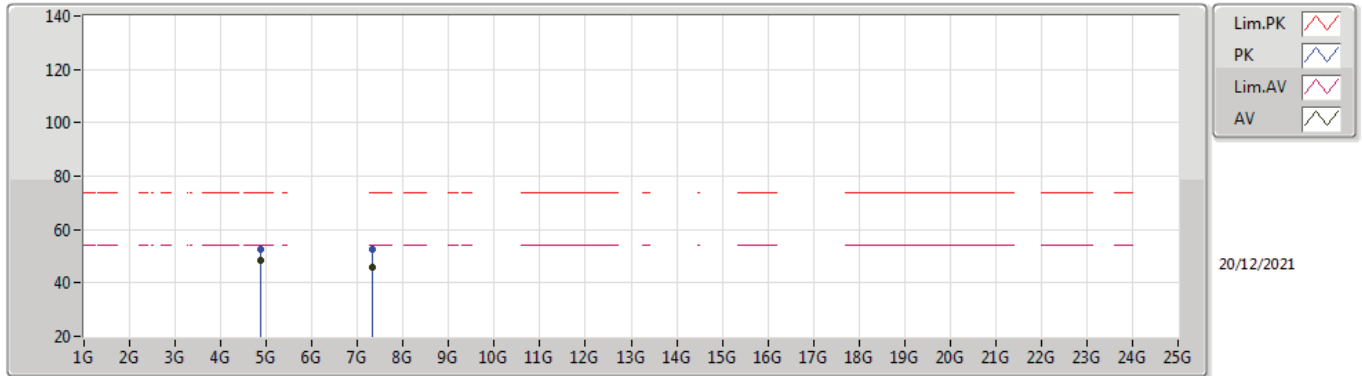
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	46.41	54.00	-7.59	4.61	3	Vertical	0	2.10	-	41.80	32.75	6.30	34.44
AV	7.311G	47.33	54.00	-6.67	10.07	3	Vertical	173	2.50	-	37.26	36.74	8.14	34.81
PK	4.87401G	49.83	74.00	-24.17	4.61	3	Vertical	0	2.10	-	45.22	32.75	6.30	34.44
PK	7.31102G	54.84	74.00	-19.16	10.07	3	Vertical	173	2.50	-	44.77	36.74	8.14	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

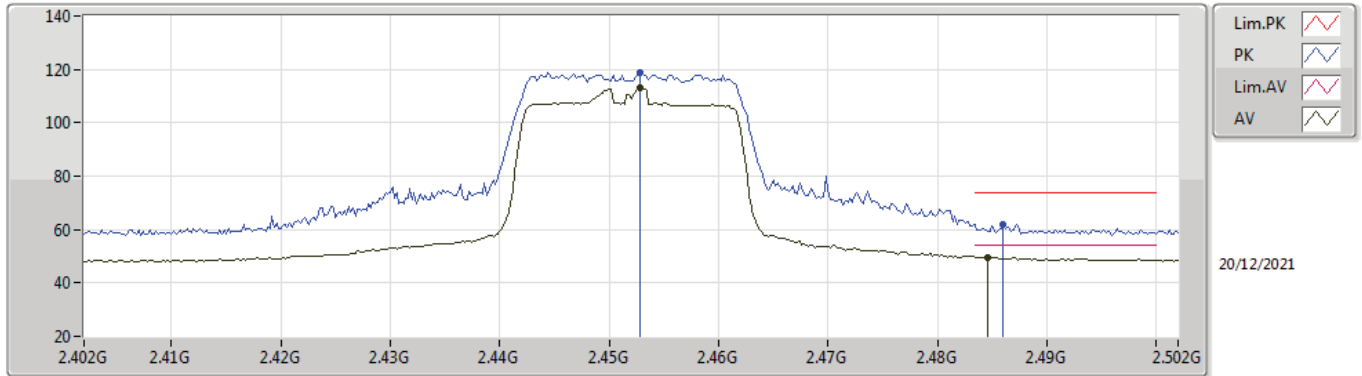
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87398G	48.65	54.00	-5.35	4.61	3	Horizontal	0	2.10	-	44.04	32.75	6.30	34.44
AV	7.3109G	45.85	54.00	-8.15	10.07	3	Horizontal	193	1.65	-	35.78	36.74	8.14	34.81
PK	4.87396G	52.43	74.00	-21.57	4.61	3	Horizontal	0	2.10	-	47.82	32.75	6.30	34.44
PK	7.31096G	52.81	74.00	-21.19	10.07	3	Horizontal	193	1.65	-	42.74	36.74	8.14	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

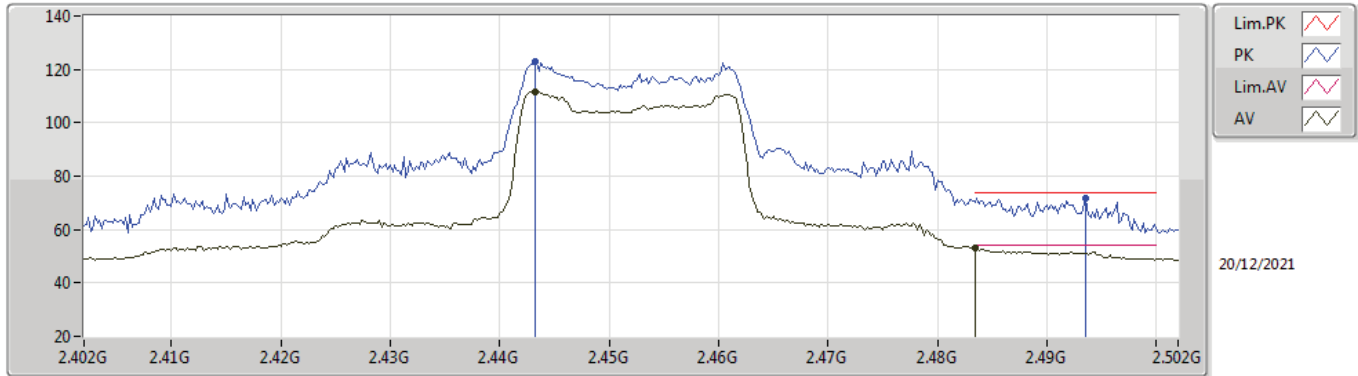
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4528G	113.07	Inf	-Inf	32.08	3	Vertical	0	2.24	-	80.99	27.62	4.46	-
AV	2.4846G	49.69	54.00	-4.31	32.31	3	Vertical	0	2.24	-	17.38	27.81	4.50	-
PK	2.4528G	118.76	Inf	-Inf	32.08	3	Vertical	0	2.24	-	86.68	27.62	4.46	-
PK	2.486G	61.90	74.00	-12.10	32.32	3	Vertical	0	2.24	-	29.58	27.82	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

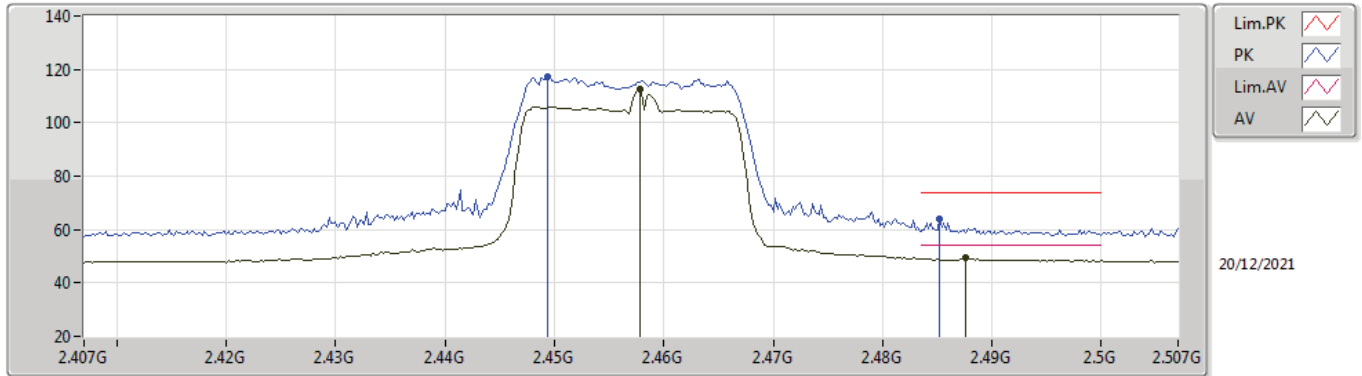
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4432G	111.81	Inf	-Inf	32.01	3	Horizontal	12	1.63	-	79.80	27.57	4.44	-
AV	2.4835G	52.88	54.00	-1.12	32.30	3	Horizontal	12	1.63	-	20.58	27.80	4.50	-
PK	2.4432G	122.73	Inf	-Inf	32.01	3	Horizontal	12	1.63	-	90.72	27.57	4.44	-
PK	2.4936G	71.66	74.00	-2.34	32.38	3	Horizontal	12	1.63	-	39.28	27.86	4.52	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

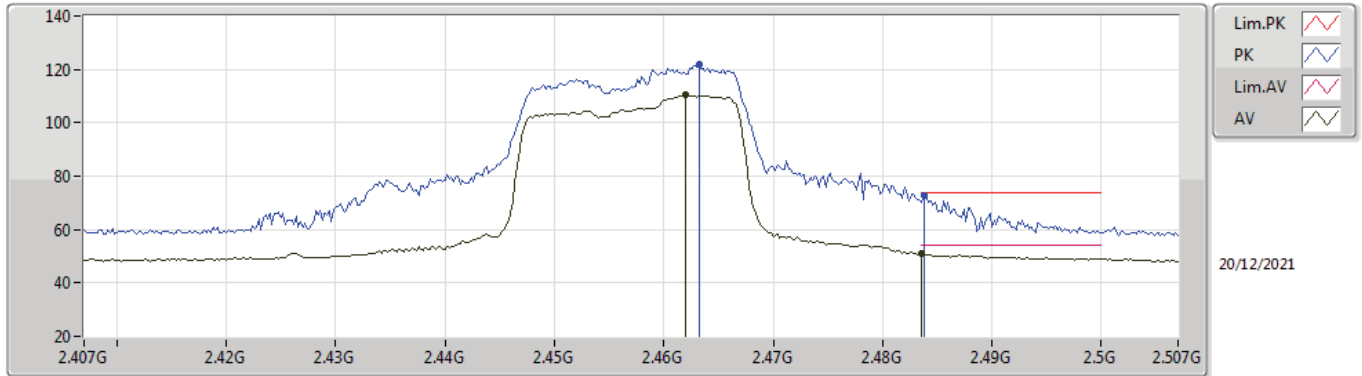
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4578G	112.39	Inf	-Inf	32.11	3	Vertical	349	1.64	-	80.28	27.65	4.46	-
AV	2.4876G	49.52	54.00	-4.48	32.34	3	Vertical	349	1.64	-	17.18	27.83	4.51	-
PK	2.4494G	117.49	Inf	-Inf	32.05	3	Vertical	349	1.64	-	85.44	27.60	4.45	-
PK	2.4852G	63.98	74.00	-10.02	32.31	3	Vertical	349	1.64	-	31.67	27.81	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

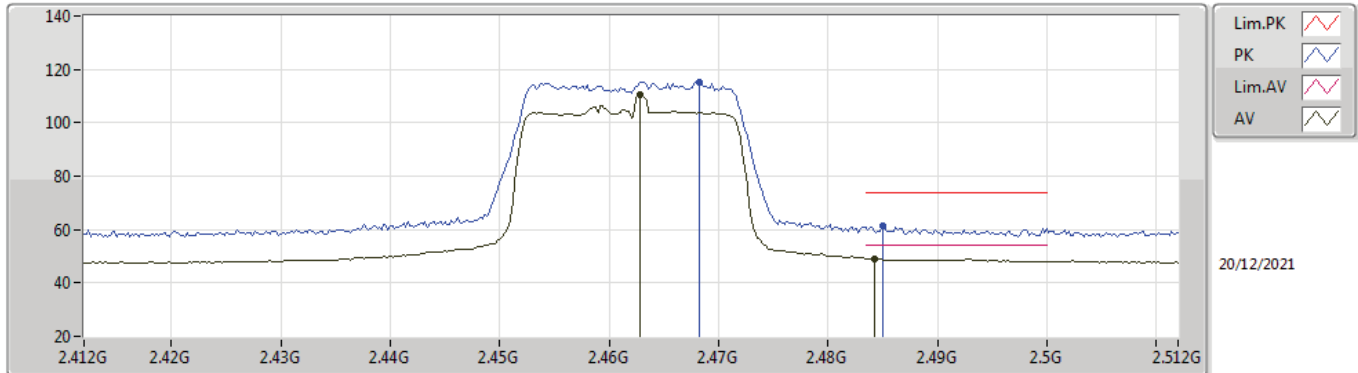
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.462G	110.41	Inf	-Inf	32.14	3	Horizontal	9	1.64	-	78.27	27.67	4.47	-
AV	2.4836G	50.94	54.00	-3.06	32.30	3	Horizontal	9	1.64	-	18.64	27.80	4.50	-
PK	2.4632G	121.83	Inf	-Inf	32.15	3	Horizontal	9	1.64	-	89.68	27.68	4.47	-
PK	2.4838G	72.60	74.00	-1.40	32.30	3	Horizontal	9	1.64	-	40.30	27.80	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

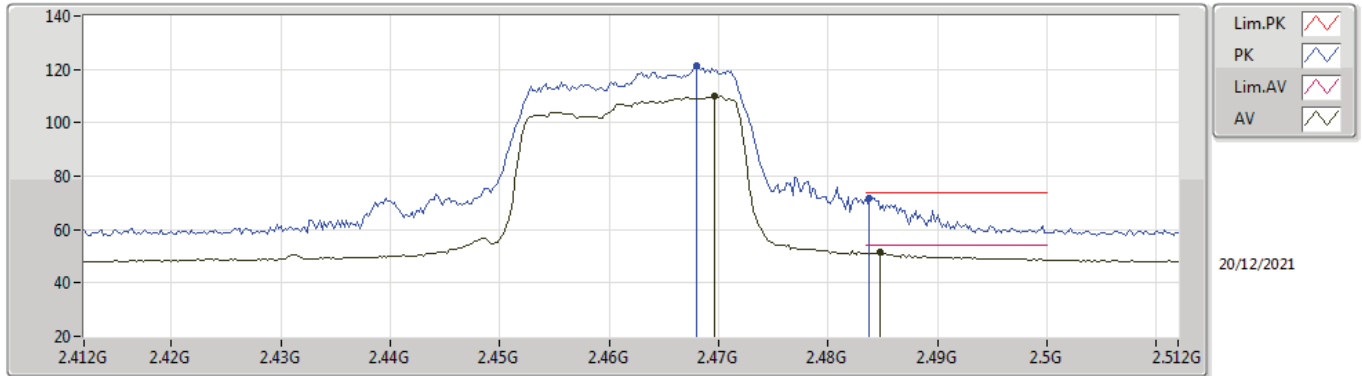
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	110.27	Inf	-Inf	32.15	3	Vertical	349	1.65	-	78.12	27.68	4.47	-
AV	2.4842G	49.10	54.00	-4.90	32.31	3	Vertical	349	1.65	-	16.79	27.81	4.50	-
PK	2.4682G	115.30	Inf	-Inf	32.19	3	Vertical	349	1.65	-	83.11	27.71	4.48	-
PK	2.485G	61.20	74.00	-12.80	32.31	3	Vertical	349	1.65	-	28.89	27.81	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

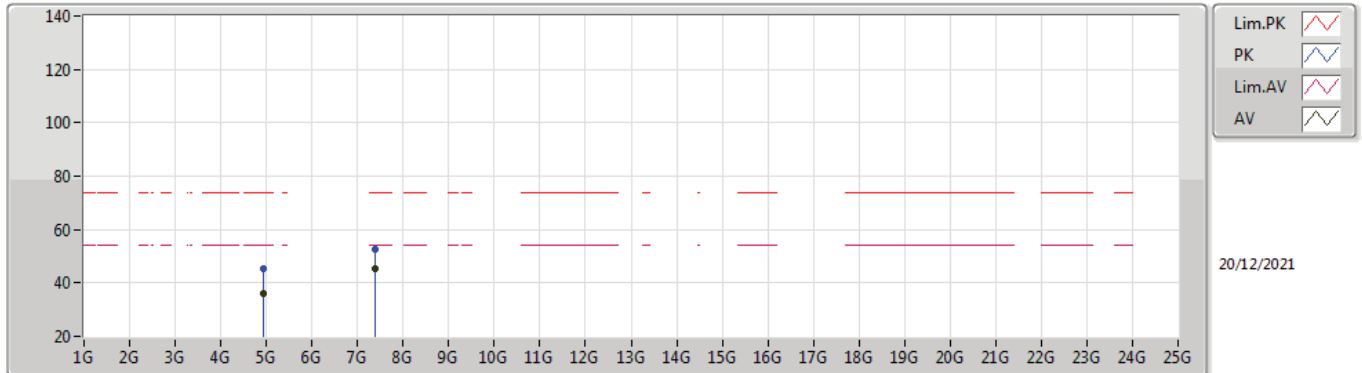
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4696G	110.17	Inf	-Inf	32.20	3	Horizontal	0	1.64	-	77.97	27.72	4.48	-
AV	2.4848G	51.44	54.00	-2.56	32.31	3	Horizontal	0	1.64	-	19.13	27.81	4.50	-
PK	2.468G	121.41	Inf	-Inf	32.19	3	Horizontal	0	1.64	-	89.22	27.71	4.48	-
PK	2.4838G	71.94	74.00	-2.06	32.30	3	Horizontal	0	1.64	-	39.64	27.80	4.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

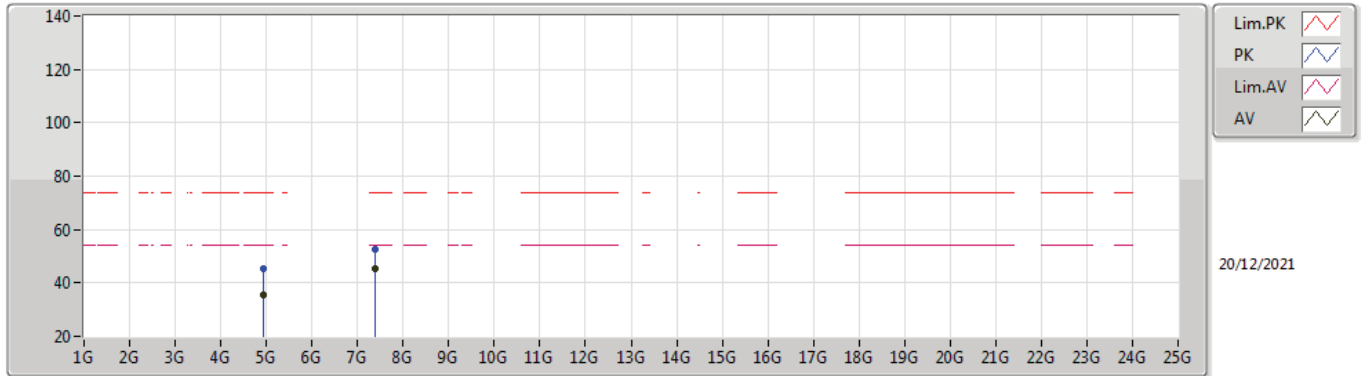
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9239G	36.04	54.00	-17.96	4.83	3	Vertical	360	1.98	-	31.21	32.94	6.33	34.44
AV	7.38598G	45.55	54.00	-8.45	9.96	3	Vertical	237	1.96	-	35.59	36.68	8.11	34.83
PK	4.923G	45.60	74.00	-28.40	4.83	3	Vertical	360	1.98	-	40.77	32.94	6.33	34.44
PK	7.38614G	52.61	74.00	-21.39	9.96	3	Vertical	237	1.96	-	42.65	36.68	8.11	34.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

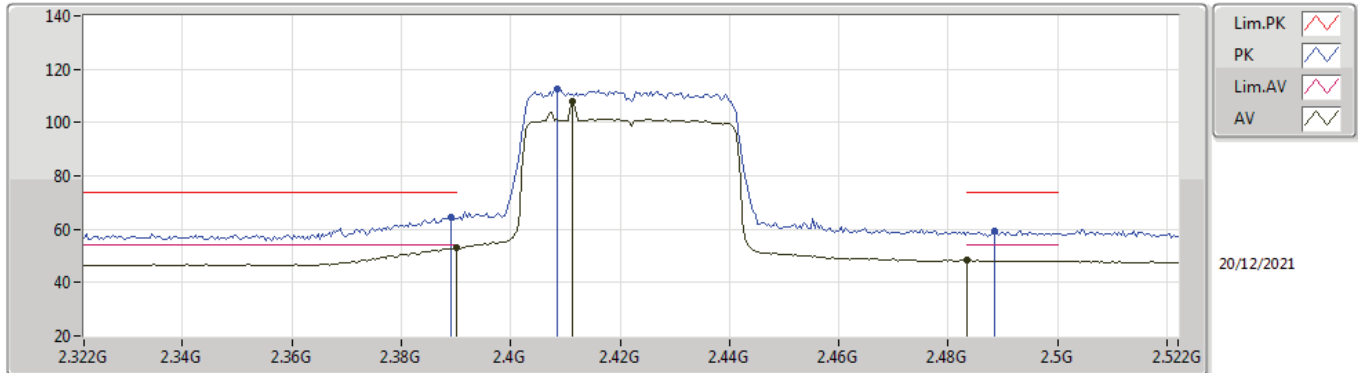
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92406G	35.59	54.00	-18.41	4.83	3	Horizontal	1	2.15	-	30.76	32.94	6.33	34.44
AV	7.3859G	45.23	54.00	-8.77	9.96	3	Horizontal	194	1.71	-	35.27	36.68	8.11	34.83
PK	4.92244G	45.34	74.00	-28.66	4.82	3	Horizontal	1	2.15	-	40.52	32.93	6.33	34.44
PK	7.38598G	52.57	74.00	-21.43	9.96	3	Horizontal	194	1.71	-	42.61	36.68	8.11	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

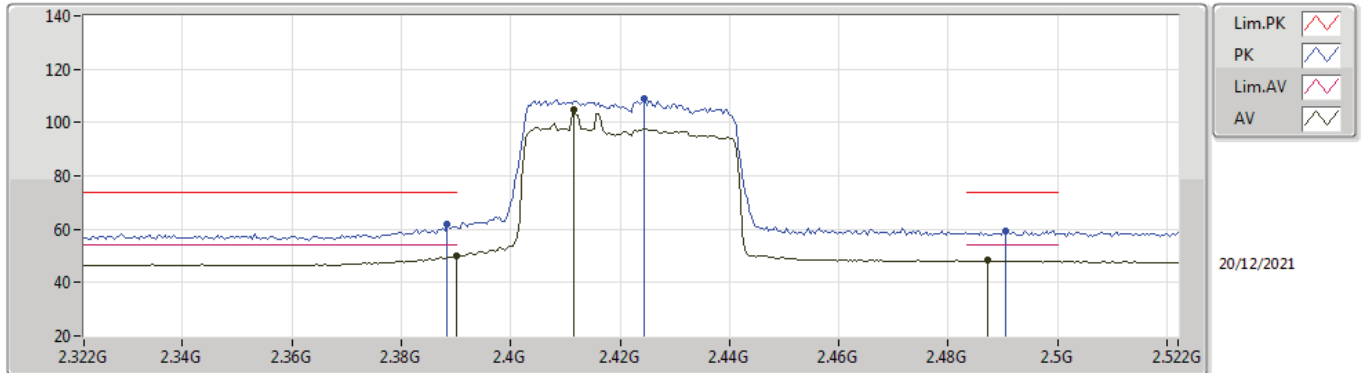
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.94	54.00	-1.06	31.75	3	Vertical	14	2.15	-	21.19	27.38	4.37	-
AV	2.4112G	107.85	Inf	-Inf	31.84	3	Vertical	14	2.15	-	76.01	27.44	4.40	-
AV	2.4835G	48.22	54.00	-5.78	32.30	3	Vertical	14	2.15	-	15.92	27.80	4.50	-
PK	2.3892G	64.54	74.00	-9.46	31.75	3	Vertical	14	2.15	-	32.79	27.38	4.37	-
PK	2.4084G	112.48	Inf	-Inf	31.82	3	Vertical	14	2.15	-	80.66	27.43	4.39	-
PK	2.4884G	59.22	74.00	-14.78	32.34	3	Vertical	14	2.15	-	26.88	27.83	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

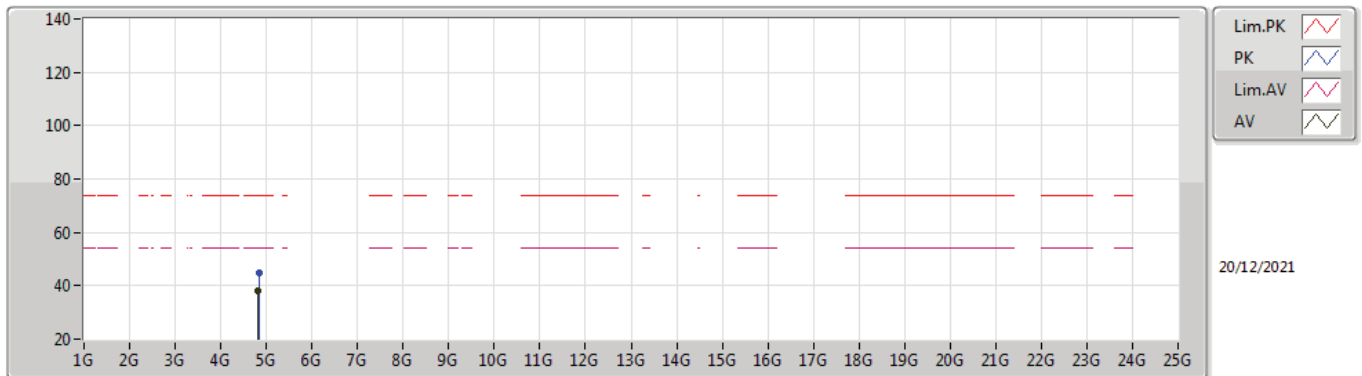


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.99	54.00	-4.01	31.75	3	Horizontal	352	2.10	-	18.24	27.38	4.37	-
AV	2.4116G	104.77	Inf	-Inf	31.85	3	Horizontal	352	2.10	-	72.92	27.45	4.40	-
AV	2.4872G	48.24	54.00	-5.76	32.33	3	Horizontal	352	2.10	-	15.91	27.82	4.51	-
PK	2.3884G	61.73	74.00	-12.27	31.75	3	Horizontal	352	2.10	-	29.98	27.38	4.37	-
PK	2.4244G	109.04	Inf	-Inf	31.92	3	Horizontal	352	2.10	-	77.12	27.50	4.42	-
PK	2.4904G	59.22	74.00	-14.78	32.35	3	Horizontal	352	2.10	-	26.87	27.84	4.51	-



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

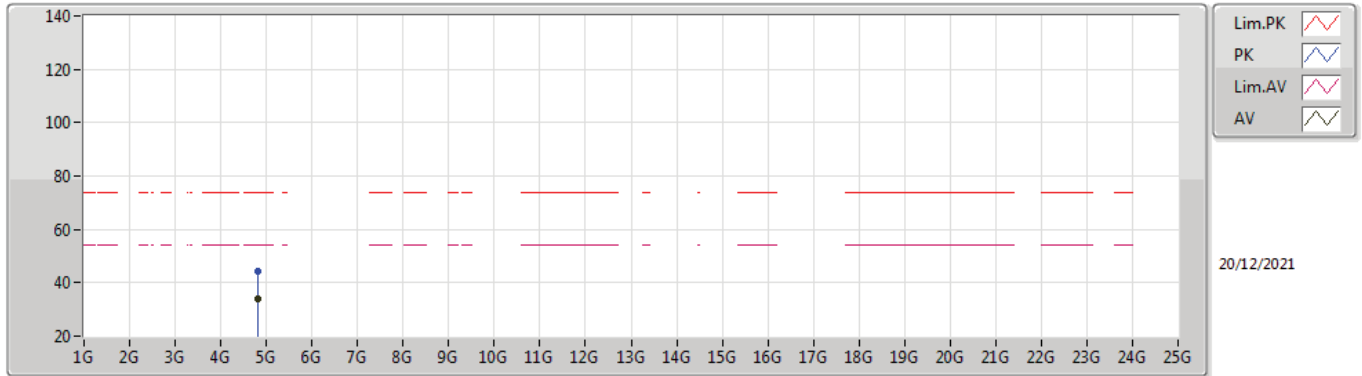
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82416G	38.06	54.00	-15.94	4.42	3	Vertical	360	2.20	-	33.64	32.60	6.27	34.45
PK	4.842G	45.06	74.00	-28.94	4.51	3	Vertical	360	2.20	-	40.55	32.67	6.29	34.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

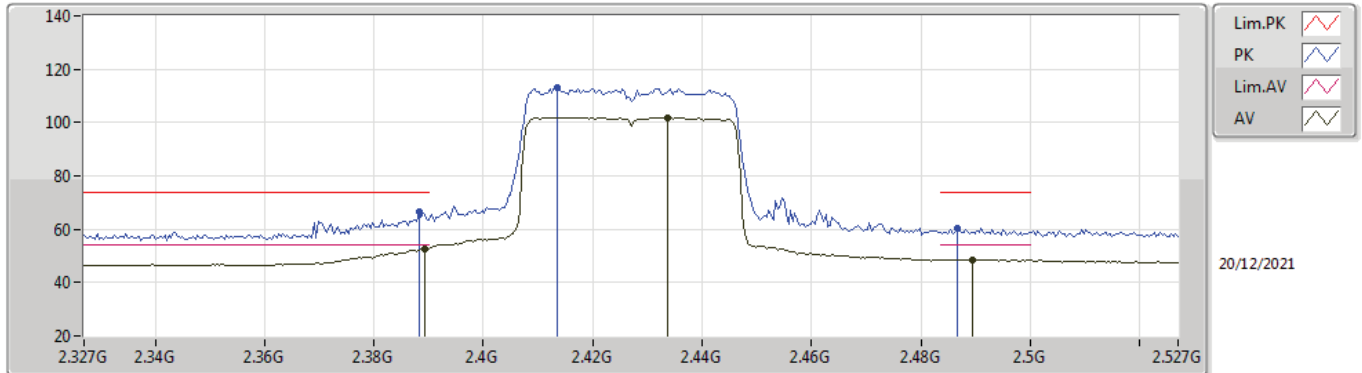
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	33.79	54.00	-20.21	4.42	3	Horizontal	351	1.65	-	29.37	32.60	6.27	34.45
PK	4.82768G	44.36	74.00	-29.64	4.44	3	Horizontal	351	1.65	-	39.92	32.61	6.28	34.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

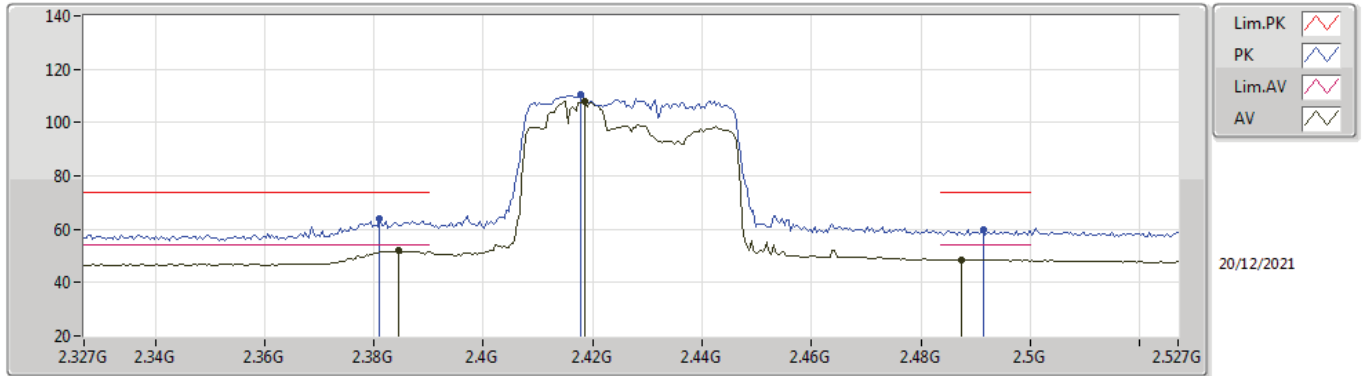
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.77	54.00	-1.23	31.75	3	Vertical	13	1.46	-	21.02	27.38	4.37	-
AV	2.4338G	101.96	Inf	-Inf	31.97	3	Vertical	13	1.46	-	69.99	27.54	4.43	-
AV	2.4894G	48.65	54.00	-5.35	32.35	3	Vertical	13	1.46	-	16.30	27.84	4.51	-
PK	2.3882G	66.68	74.00	-7.32	31.75	3	Vertical	13	1.46	-	34.93	27.38	4.37	-
PK	2.4134G	113.30	Inf	-Inf	31.85	3	Vertical	13	1.46	-	81.45	27.45	4.40	-
PK	2.4866G	60.14	74.00	-13.86	32.33	3	Vertical	13	1.46	-	27.81	27.82	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

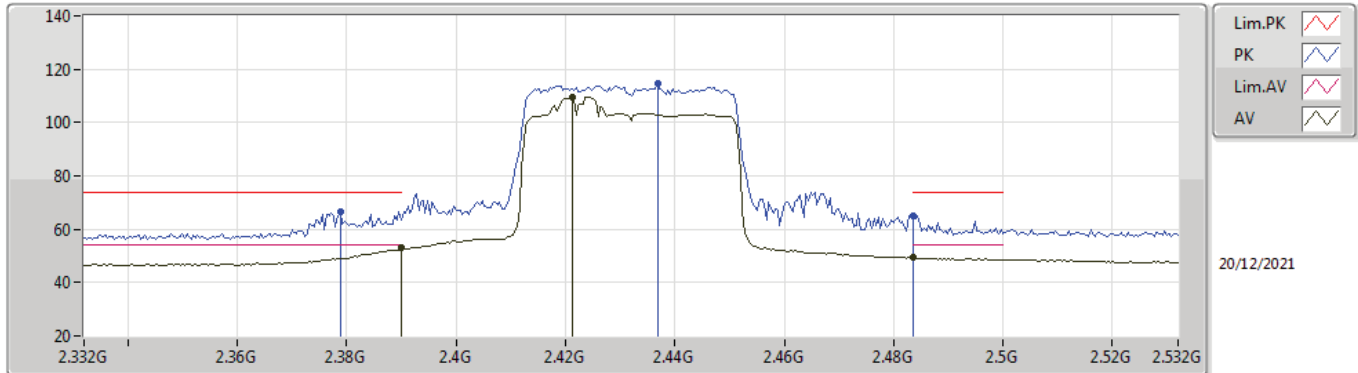
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3846G	51.83	54.00	-2.17	31.73	3	Horizontal	0	2.59	-	20.10	27.37	4.36	-
AV	2.4186G	107.81	Inf	-Inf	31.88	3	Horizontal	0	2.59	-	75.93	27.47	4.41	-
AV	2.4874G	48.64	54.00	-5.36	32.33	3	Horizontal	0	2.59	-	16.31	27.82	4.51	-
PK	2.381G	63.72	74.00	-10.28	31.72	3	Horizontal	0	2.59	-	32.00	27.36	4.36	-
PK	2.4178G	110.26	Inf	-Inf	31.88	3	Horizontal	0	2.59	-	78.38	27.47	4.41	-
PK	2.4914G	59.75	74.00	-14.25	32.36	3	Horizontal	0	2.59	-	27.39	27.85	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

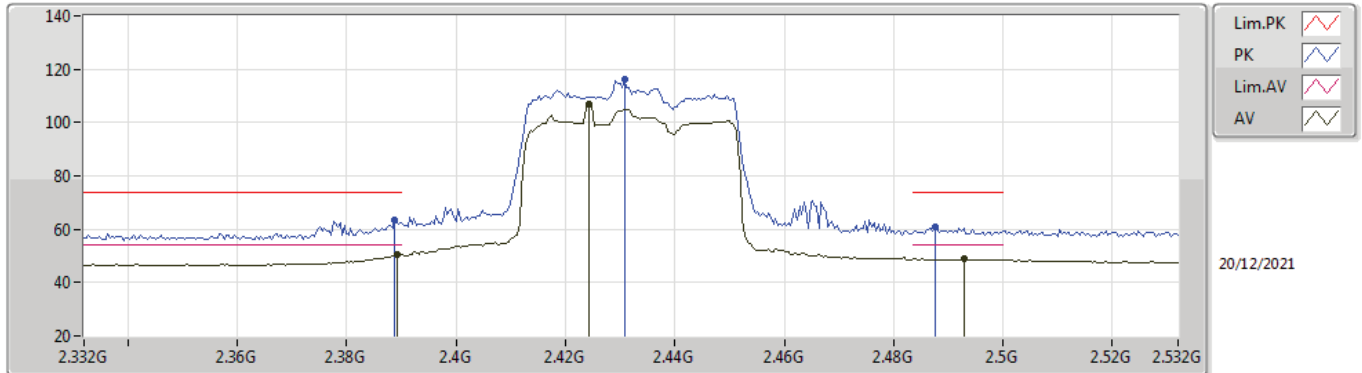
2432MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.89	54.00	-1.11	31.75	3	Vertical	12	1.71	-	21.14	27.38	4.37	-
AV	2.4212G	109.59	Inf	-Inf	31.89	3	Vertical	12	1.71	-	77.70	27.48	4.41	-
AV	2.4835G	49.25	54.00	-4.75	32.30	3	Vertical	12	1.71	-	16.95	27.80	4.50	-
PK	2.3788G	66.43	74.00	-7.57	31.72	3	Vertical	12	1.71	-	34.71	27.36	4.36	-
PK	2.4368G	114.46	Inf	-Inf	31.98	3	Vertical	12	1.71	-	82.48	27.55	4.43	-
PK	2.4835G	65.10	74.00	-8.90	32.30	3	Vertical	12	1.71	-	32.80	27.80	4.50	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

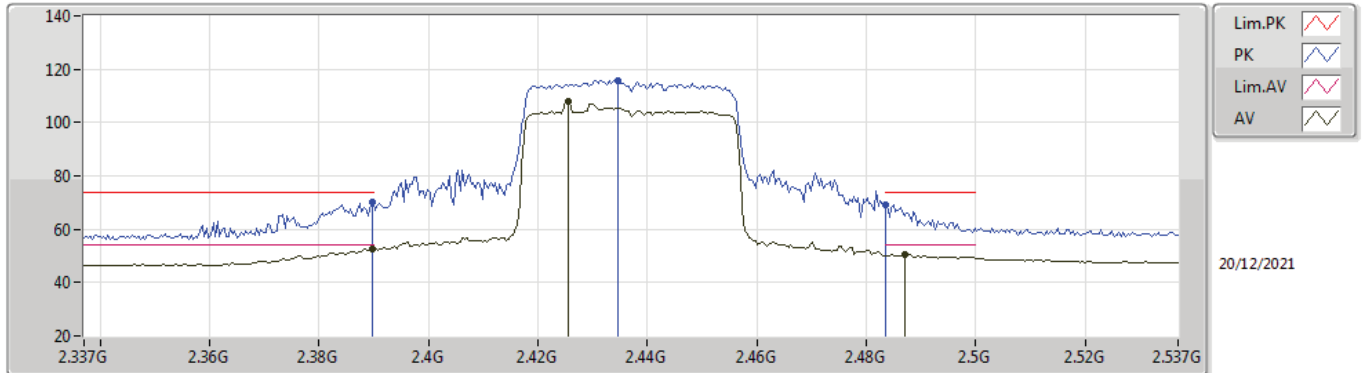
2432MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	50.59	54.00	-3.41	31.75	3	Horizontal	0	1.65	-	18.84	27.38	4.37	-
AV	2.4244G	106.85	Inf	-Inf	31.92	3	Horizontal	0	1.65	-	74.93	27.50	4.42	-
AV	2.4928G	48.88	54.00	-5.12	32.37	3	Horizontal	0	1.65	-	16.51	27.86	4.51	-
PK	2.3888G	63.33	74.00	-10.67	31.75	3	Horizontal	0	1.65	-	31.58	27.38	4.37	-
PK	2.4308G	116.28	Inf	-Inf	31.94	3	Horizontal	0	1.65	-	84.34	27.52	4.42	-
PK	2.4876G	61.08	74.00	-12.92	32.34	3	Horizontal	0	1.65	-	28.74	27.83	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

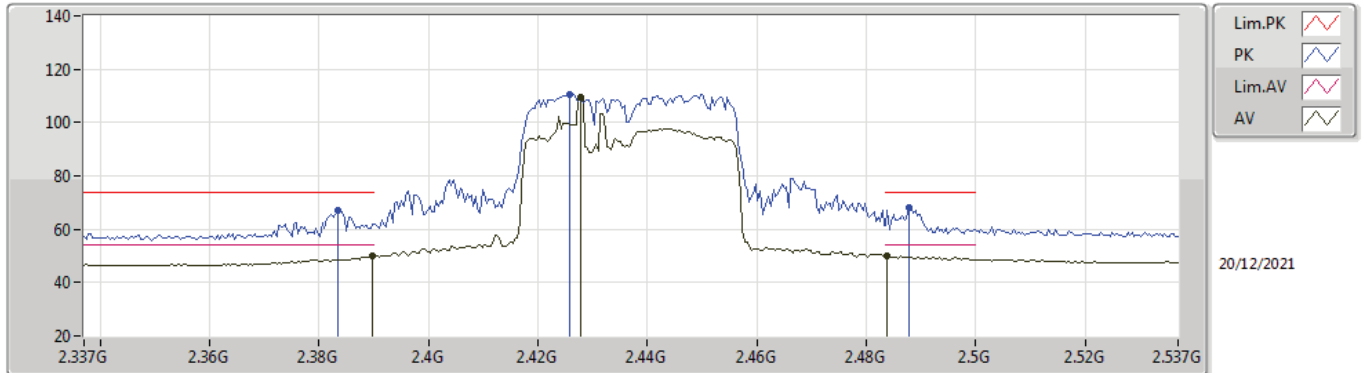
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.65	54.00	-1.35	31.75	3	Vertical	353	1.64	-	20.90	27.38	4.37	-
AV	2.4254G	107.99	Inf	-Inf	31.92	3	Vertical	353	1.64	-	76.07	27.50	4.42	-
AV	2.487G	50.58	54.00	-3.42	32.33	3	Vertical	353	1.64	-	18.25	27.82	4.51	-
PK	2.3898G	70.09	74.00	-3.91	31.75	3	Vertical	353	1.64	-	38.34	27.38	4.37	-
PK	2.4346G	115.90	Inf	-Inf	31.97	3	Vertical	353	1.64	-	83.93	27.54	4.43	-
PK	2.4835G	69.39	74.00	-4.61	32.30	3	Vertical	353	1.64	-	37.09	27.80	4.50	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

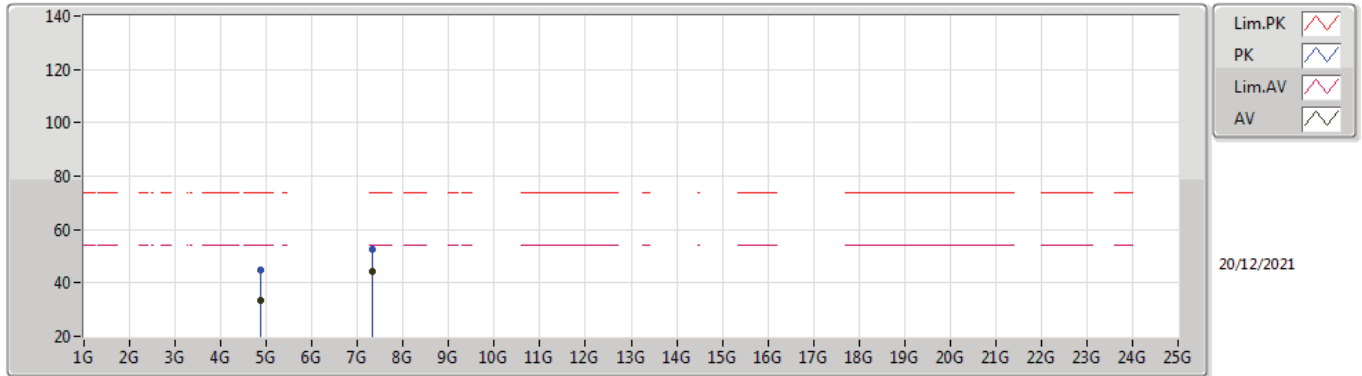
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.11	54.00	-3.89	31.75	3	Horizontal	360	2.65	-	18.36	27.38	4.37	-
AV	2.4278G	109.44	Inf	-Inf	31.93	3	Horizontal	360	2.65	-	77.51	27.51	4.42	-
AV	2.4838G	50.02	54.00	-3.98	32.30	3	Horizontal	360	2.65	-	17.72	27.80	4.50	-
PK	2.3834G	66.97	74.00	-7.03	31.73	3	Horizontal	360	2.65	-	35.24	27.37	4.36	-
PK	2.4258G	110.63	Inf	-Inf	31.92	3	Horizontal	360	2.65	-	78.71	27.50	4.42	-
PK	2.4878G	67.94	74.00	-6.06	32.34	3	Horizontal	360	2.65	-	35.60	27.83	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

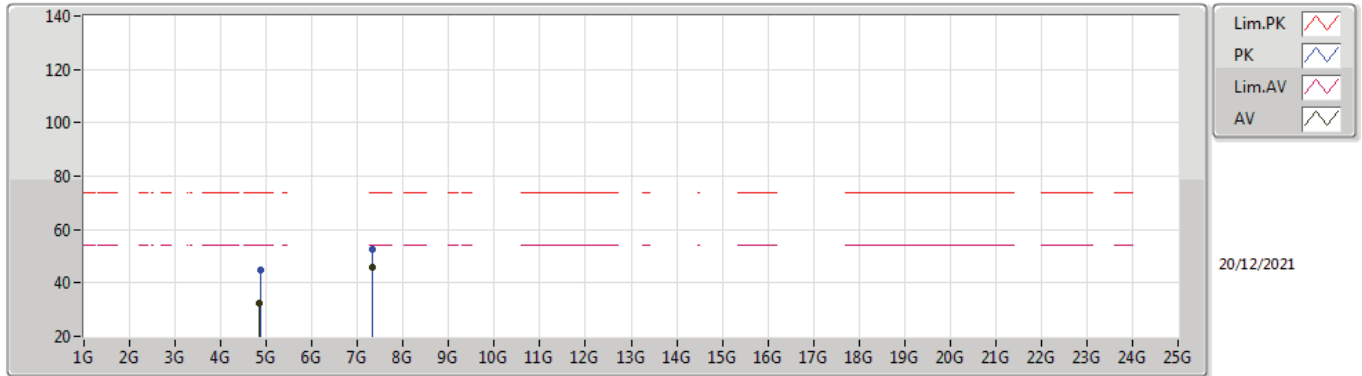
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	33.21	54.00	-20.79	4.61	3	Vertical	334	2.14	-	28.60	32.75	6.30	34.44
AV	7.311G	44.27	54.00	-9.73	10.07	3	Vertical	237	2.92	-	34.20	36.74	8.14	34.81
PK	4.88744G	44.87	74.00	-29.13	4.64	3	Vertical	334	2.14	-	40.23	32.77	6.31	34.44
PK	7.31092G	52.43	74.00	-21.57	10.07	3	Vertical	237	2.92	-	42.36	36.74	8.14	34.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

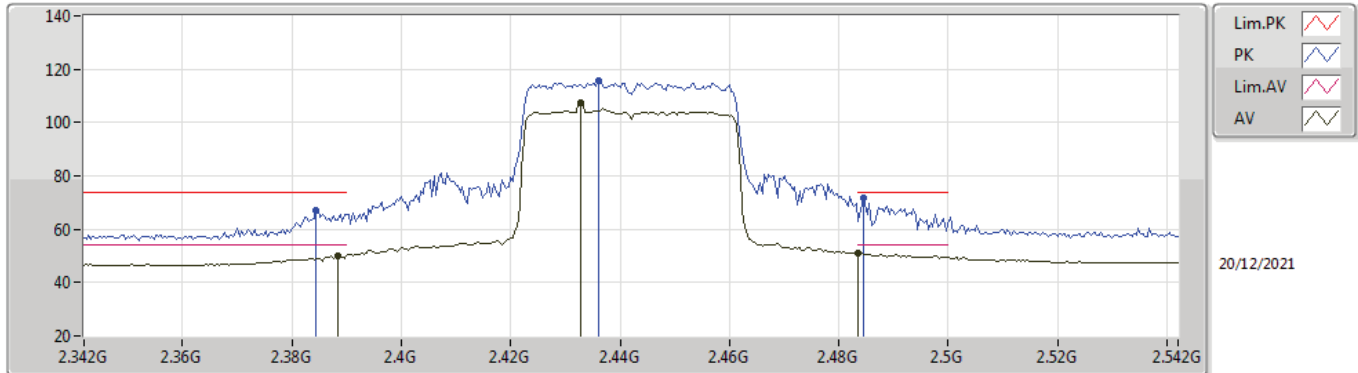
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.85672G	32.64	54.00	-21.36	4.56	3	Horizontal	360	2.24	-	28.08	32.71	6.29	34.44
AV	7.311G	46.02	54.00	-7.98	10.07	3	Horizontal	193	1.75	-	35.95	36.74	8.14	34.81
PK	4.87816G	44.91	74.00	-29.09	4.63	3	Horizontal	360	2.24	-	40.28	32.76	6.31	34.44
PK	7.31084G	52.76	74.00	-21.24	10.07	3	Horizontal	193	1.75	-	42.69	36.74	8.14	34.81

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

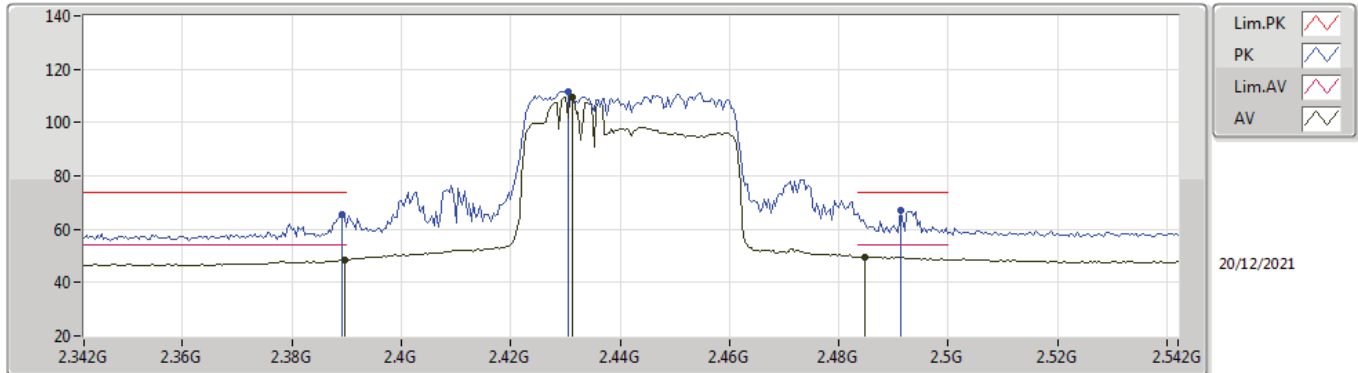
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	49.94	54.00	-4.06	31.75	3	Vertical	21	2.16	-	18.19	27.38	4.37	-
AV	2.4328G	107.31	Inf	-Inf	31.96	3	Vertical	21	2.16	-	75.35	27.53	4.43	-
AV	2.4835G	51.23	54.00	-2.77	32.30	3	Vertical	21	2.16	-	18.93	27.80	4.50	-
PK	2.3844G	67.31	74.00	-6.69	31.73	3	Vertical	21	2.16	-	35.58	27.37	4.36	-
PK	2.436G	115.67	Inf	-Inf	31.97	3	Vertical	21	2.16	-	83.70	27.54	4.43	-
PK	2.4844G	71.58	74.00	-2.42	32.31	3	Vertical	21	2.16	-	39.27	27.81	4.50	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

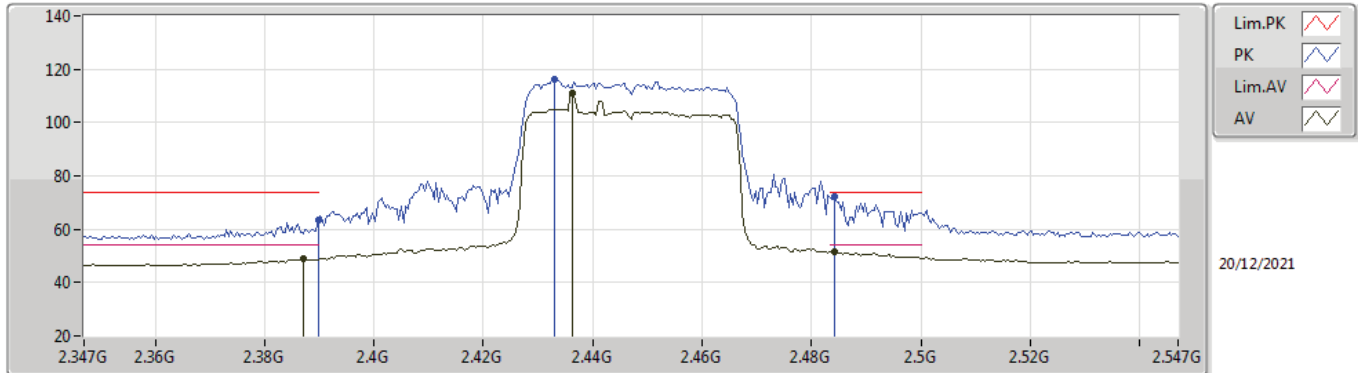
2442MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	48.69	54.00	-5.31	31.75	3	Horizontal	0	2.67	-	16.94	27.38	4.37	-
AV	2.4312G	109.67	Inf	-Inf	31.95	3	Horizontal	0	2.67	-	77.72	27.52	4.43	-
AV	2.4848G	49.65	54.00	-4.35	32.31	3	Horizontal	0	2.67	-	17.34	27.81	4.50	-
PK	2.3892G	65.47	74.00	-8.53	31.75	3	Horizontal	0	2.67	-	33.72	27.38	4.37	-
PK	2.4304G	111.81	Inf	-Inf	31.94	3	Horizontal	0	2.67	-	79.87	27.52	4.42	-
PK	2.4912G	66.92	74.00	-7.08	32.36	3	Horizontal	0	2.67	-	34.56	27.85	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

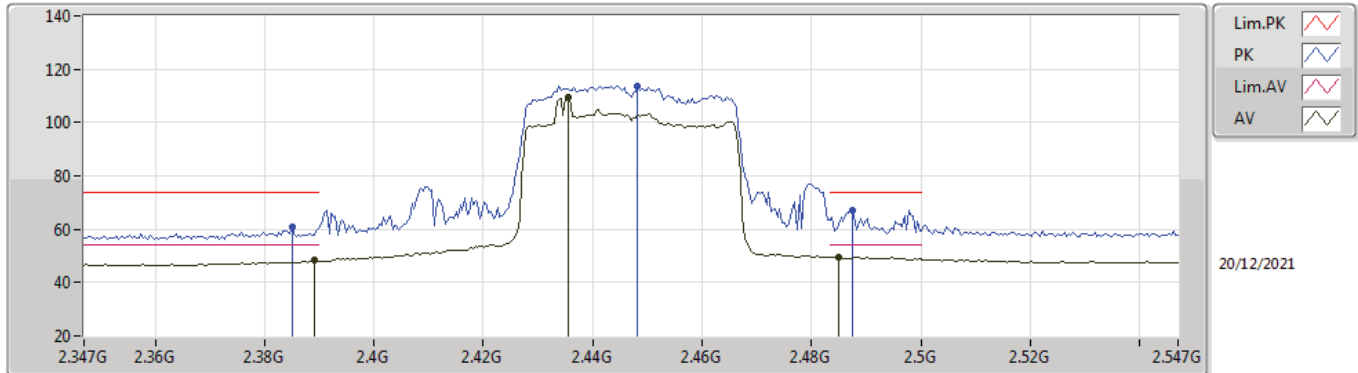
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	48.85	54.00	-5.15	31.74	3	Vertical	0	1.65	-	17.11	27.37	4.37	-
AV	2.4362G	110.89	Inf	-Inf	31.97	3	Vertical	0	1.65	-	78.92	27.54	4.43	-
AV	2.4842G	51.70	54.00	-2.30	32.31	3	Vertical	0	1.65	-	19.39	27.81	4.50	-
PK	2.3898G	63.34	74.00	-10.66	31.75	3	Vertical	0	1.65	-	31.59	27.38	4.37	-
PK	2.433G	115.99	Inf	-Inf	31.96	3	Vertical	0	1.65	-	84.03	27.53	4.43	-
PK	2.4842G	72.14	74.00	-1.86	32.31	3	Vertical	0	1.65	-	39.83	27.81	4.50	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

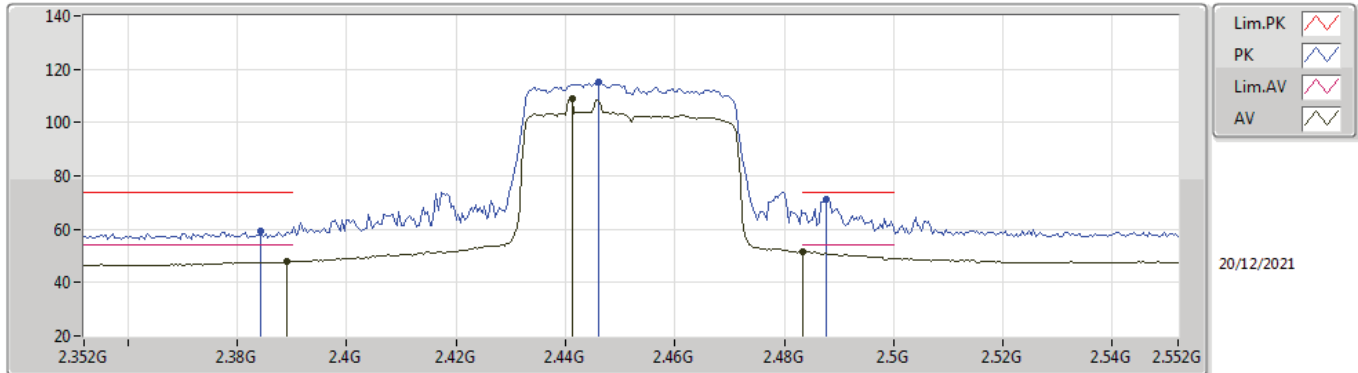
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.29	54.00	-5.71	31.75	3	Horizontal	357	1.98	-	16.54	27.38	4.37	-
AV	2.4354G	109.53	Inf	-Inf	31.97	3	Horizontal	357	1.98	-	77.56	27.54	4.43	-
AV	2.485G	49.46	54.00	-4.54	32.31	3	Horizontal	357	1.98	-	17.15	27.81	4.50	-
PK	2.385G	60.79	74.00	-13.21	31.73	3	Horizontal	357	1.98	-	29.06	27.37	4.36	-
PK	2.4482G	113.83	Inf	-Inf	32.04	3	Horizontal	357	1.98	-	81.79	27.59	4.45	-
PK	2.4874G	66.99	74.00	-7.01	32.33	3	Horizontal	357	1.98	-	34.66	27.82	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

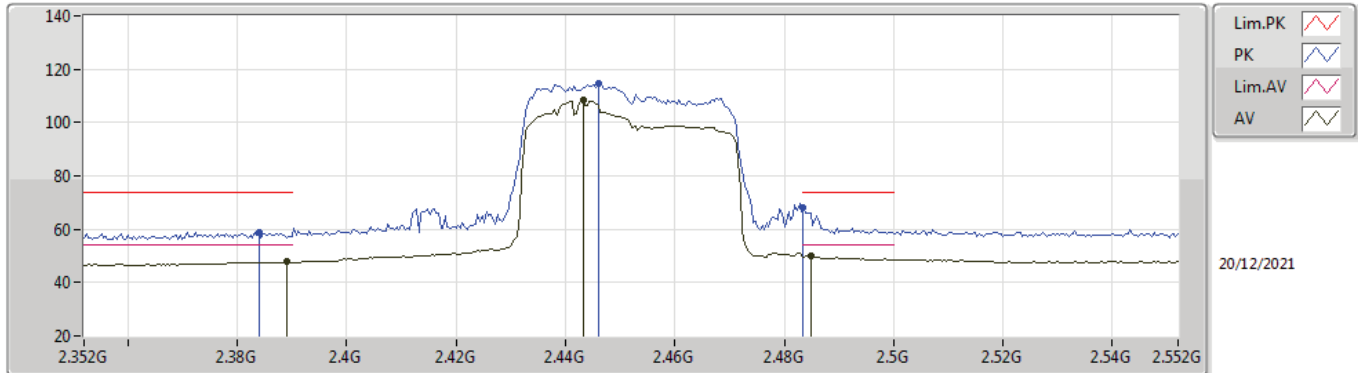
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	47.88	54.00	-6.12	31.75	3	Vertical	4	1.95	-	16.13	27.38	4.37	-
AV	2.4412G	108.80	Inf	-Inf	32.00	3	Vertical	4	1.95	-	76.80	27.56	4.44	-
AV	2.4835G	51.69	54.00	-2.31	32.30	3	Vertical	4	1.95	-	19.39	27.80	4.50	-
PK	2.3844G	59.23	74.00	-14.77	31.73	3	Vertical	4	1.95	-	27.50	27.37	4.36	-
PK	2.446G	115.09	Inf	-Inf	32.03	3	Vertical	4	1.95	-	83.06	27.58	4.45	-
PK	2.4876G	70.99	74.00	-3.01	32.34	3	Vertical	4	1.95	-	38.65	27.83	4.51	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

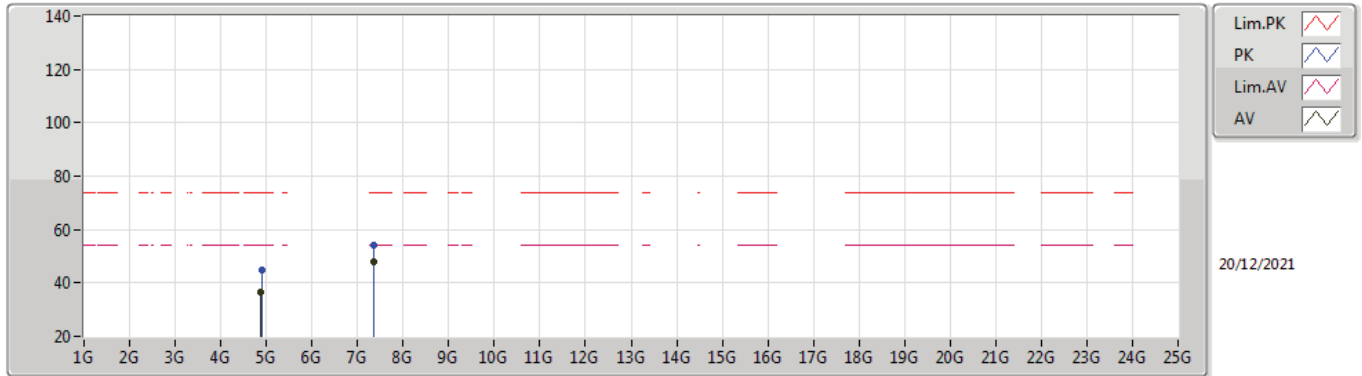
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	47.88	54.00	-6.12	31.75	3	Horizontal	0	1.92	-	16.13	27.38	4.37	-
AV	2.4432G	108.35	Inf	-Inf	32.01	3	Horizontal	0	1.92	-	76.34	27.57	4.44	-
AV	2.4848G	49.84	54.00	-4.16	32.31	3	Horizontal	0	1.92	-	17.53	27.81	4.50	-
PK	2.384G	58.76	74.00	-15.24	31.73	3	Horizontal	0	1.92	-	27.03	27.37	4.36	-
PK	2.446G	114.47	Inf	-Inf	32.03	3	Horizontal	0	1.92	-	82.44	27.58	4.45	-
PK	2.4835G	67.95	74.00	-6.05	32.30	3	Horizontal	0	1.92	-	35.65	27.80	4.50	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

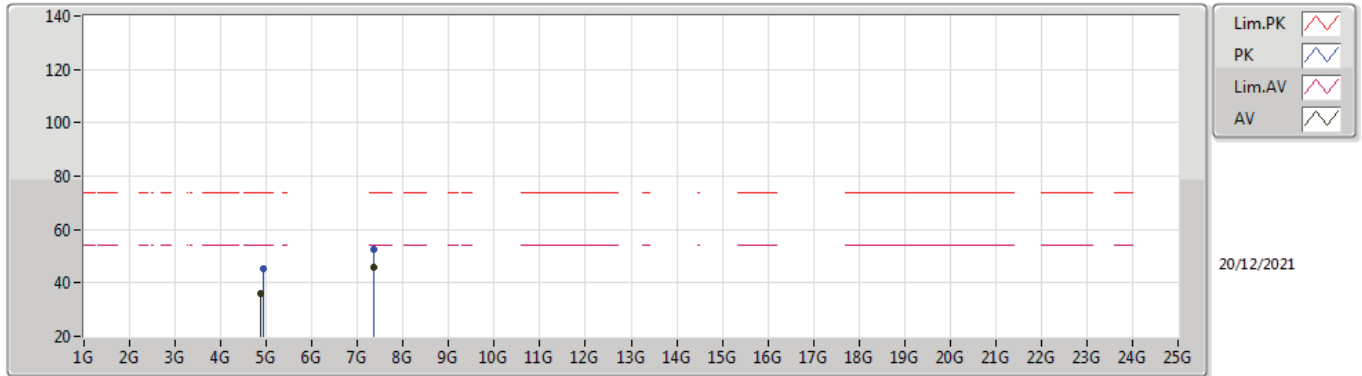
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.884G	36.77	54.00	-17.23	4.64	3	Vertical	355	1.65	-	32.13	32.77	6.31	34.44
AV	7.356G	48.13	54.00	-5.87	10.17	3	Vertical	233	2.77	-	37.96	36.86	8.13	34.82
PK	4.89144G	44.90	74.00	-29.10	4.65	3	Vertical	355	1.65	-	40.25	32.78	6.31	34.44
PK	7.35592G	54.32	74.00	-19.68	10.17	3	Vertical	233	2.77	-	44.15	36.86	8.13	34.82

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.884G	35.97	54.00	-18.03	4.64	3	Horizontal	0	1.65	-	31.33	32.77	6.31	34.44
AV	7.356G	46.00	54.00	-8.00	10.17	3	Horizontal	195	1.67	-	35.83	36.86	8.13	34.82
PK	4.92296G	45.25	74.00	-28.75	4.83	3	Horizontal	0	1.65	-	40.42	32.94	6.33	34.44
PK	7.35592G	52.70	74.00	-21.30	10.17	3	Horizontal	195	1.67	-	42.53	36.86	8.13	34.82