



FCC Radio Test Report

FCC ID : YL6-1438852R
Equipment : Wireless Module
Brand Name : ALARM.COM
Model Name : ADC-WM8852-A
Applicant : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons,
VA 22102 United States
Manufacturer : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons,
VA 22102 United States
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 07, 2021, and testing was started from Dec. 28, 2021 and completed on Jan. 25, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR1D0419AC	01	Initial issue of report	Feb. 24, 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: Sam Tsai

Report Producer: Jenny Yang



1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Source	Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	1	PSA	WCBN3511L_PCA	Dipole	I-Pex	2.4G+5G
	2	PSA	WCBN3511L_PCA	Dipole	I-Pex	2.4G+5G+BT
2	3	INPAQ	RFFPA301205IMLB401	Dipole	I-Pex	2.4G+5G
	4	INPAQ	RFFPA301213IMLB401	Dipole	I-Pex	2.4G+5G
3	5	LYNwave	ALX18F-222A A4-00	Dipole	I-Pex	2.4G+5G
	6	LYNwave	ALX18F-222A A5-00	Dipole	I-Pex	2.4G+5G
4	7	LITEON	3010001121L7	Dipole	I-Pex	2.4G+5G
	8	LITEON	3010001122L7	Dipole	I-Pex	2.4G+5G



Source	Ant.	Port	Gain (dBi)		
			2.4G	5G	BT
1	1	1	5.3	5.71	-
	2	2	5.3	5.71	5.3
2	3	1	3.94	5.3	-
	4	2	3.78	4.28	-
3	5	1	4.9	5.4	-
	6	2	5.2	4.7	-
4	7	1	5.1	5.6	-
	8	2	3.5	5.5	-

Note 1: The EUT has eight antennas.

Note 2: The EUT can be matched with the above antennas and Source 1 antennas were used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

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

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could transmit/receive simultaneously.

Ant. 7 (port 1) and Ant. 8 (port 2) could transmit/receive simultaneously.

For BT function:

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

Only Ant. 2 (port 2) can be used as transmitting/receiving.

For 5GHz function:

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

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could transmit/receive simultaneously.

Ant. 7 (port 1) and Ant. 8 (port 2) could transmit/receive simultaneously.



1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.819	0.87	8.193m	300
802.11g_Nss1,(6Mbps)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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



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				
<input checked="" type="checkbox"/> 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	20.1~21.1°C / 56~58%	08/Jan/2022
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	28/Dec/2021~10/Jan/2022
Radiated	03CH02-HY	Jack Tang	22.3~22.7°C / 52~55%	07/Jan/2022~25/Jan/2022
<input type="checkbox"/> 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.				

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

Test Software	AX series MP Toolkit
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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	Fixture 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	Fixture mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	



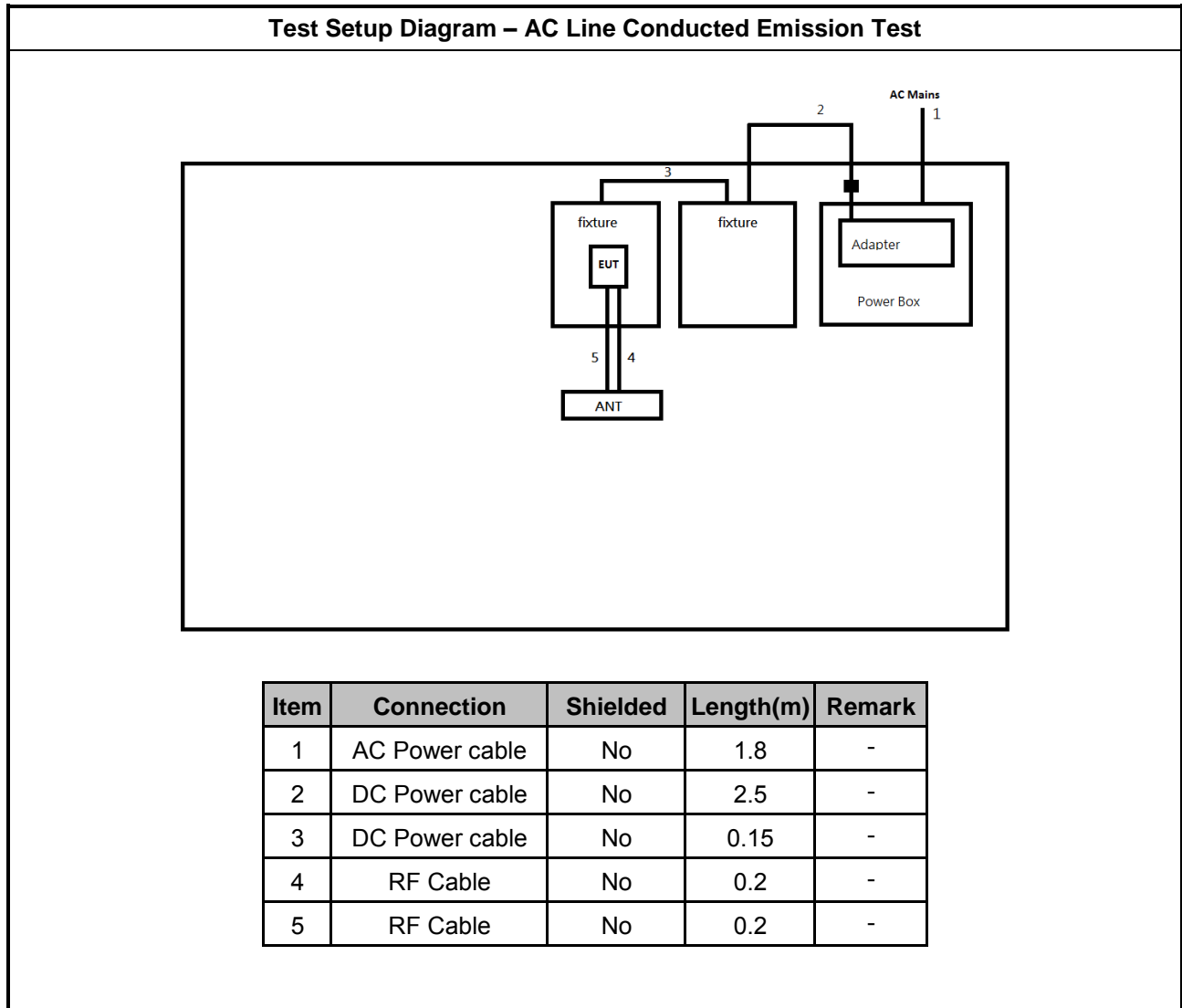
2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	-	-	-	Provided by Customer
2	Adapter	APD	WB-12G12FU	-	-

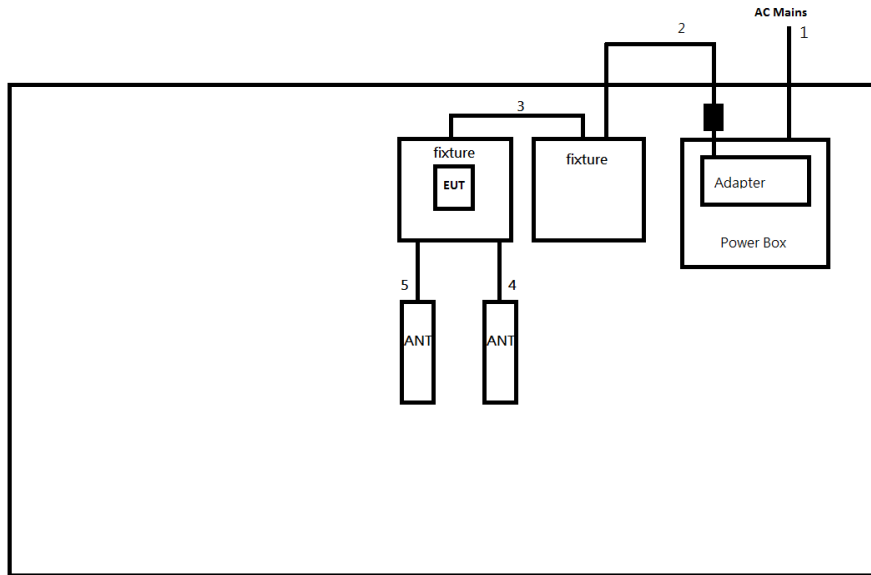
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Lenovo	TP0001A	-	-
2	Adapter for NB	Lenovo	42T4432	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	-	-	-	Provided by Customer
2	Adapter	APD	WB-12G12FU	-	-

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	2.5	-
3	DC Power cable	No	0.15	-
4	RF Cable	No	0.2	-
5	RF Cable	No	0.2	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

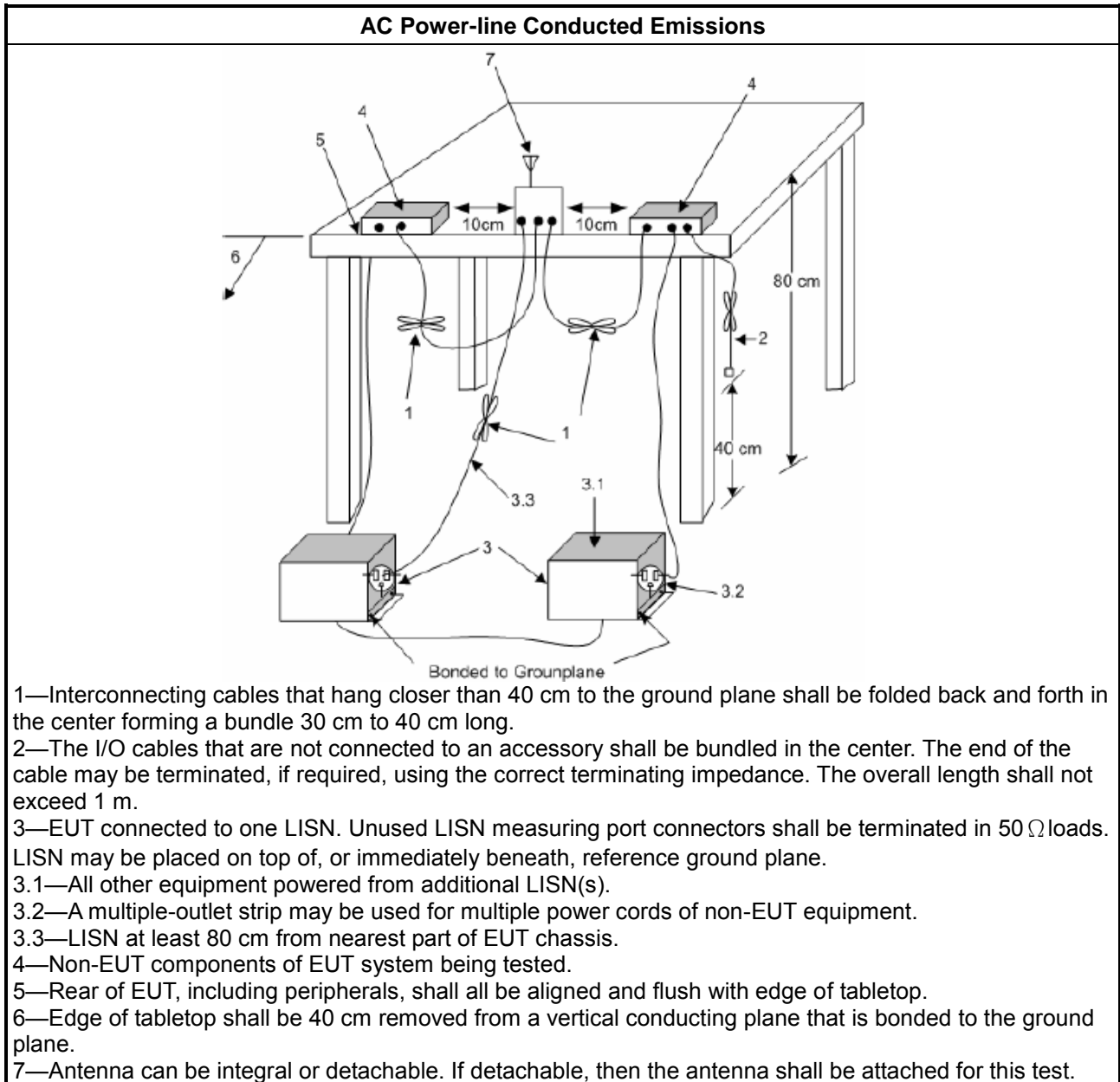
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 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:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

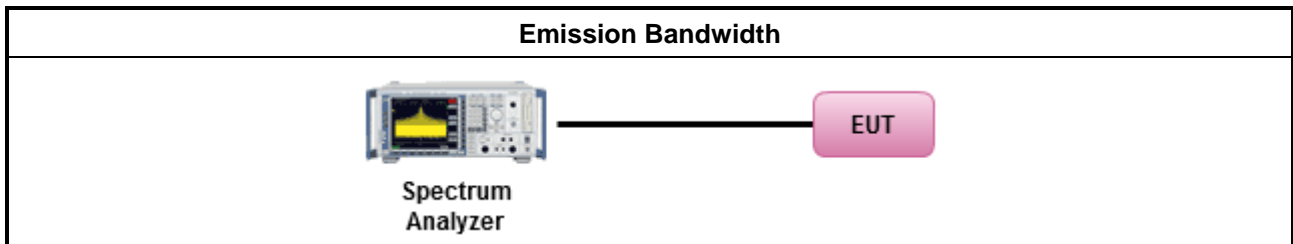
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/> Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/> 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	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - 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.	

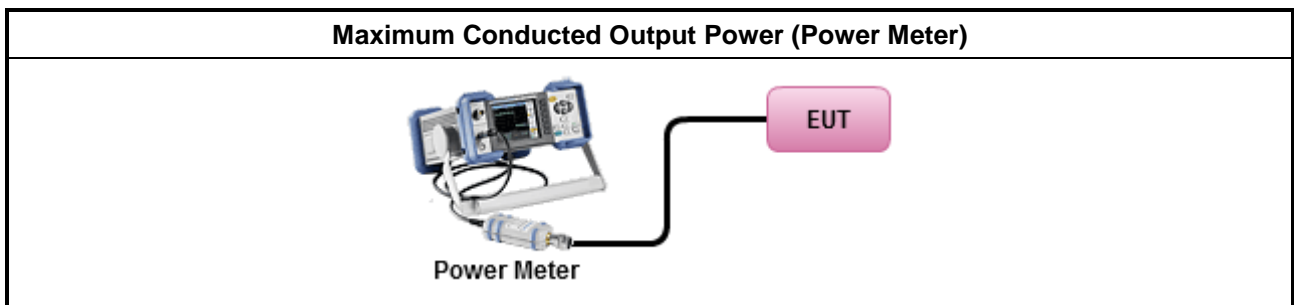
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. 	
<ul style="list-style-type: none"> ▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$ 	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

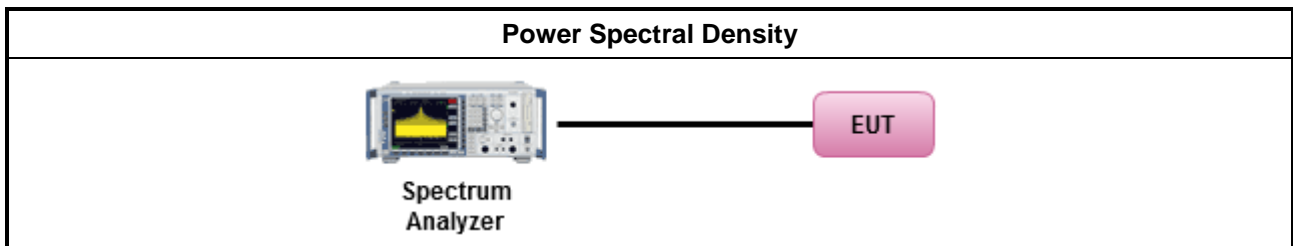
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> 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.

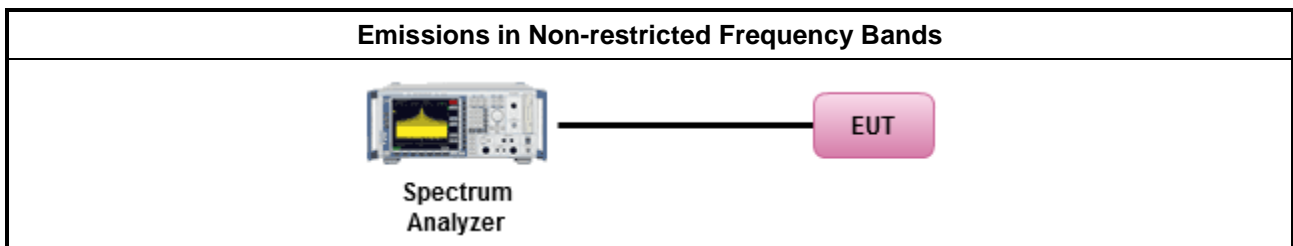
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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

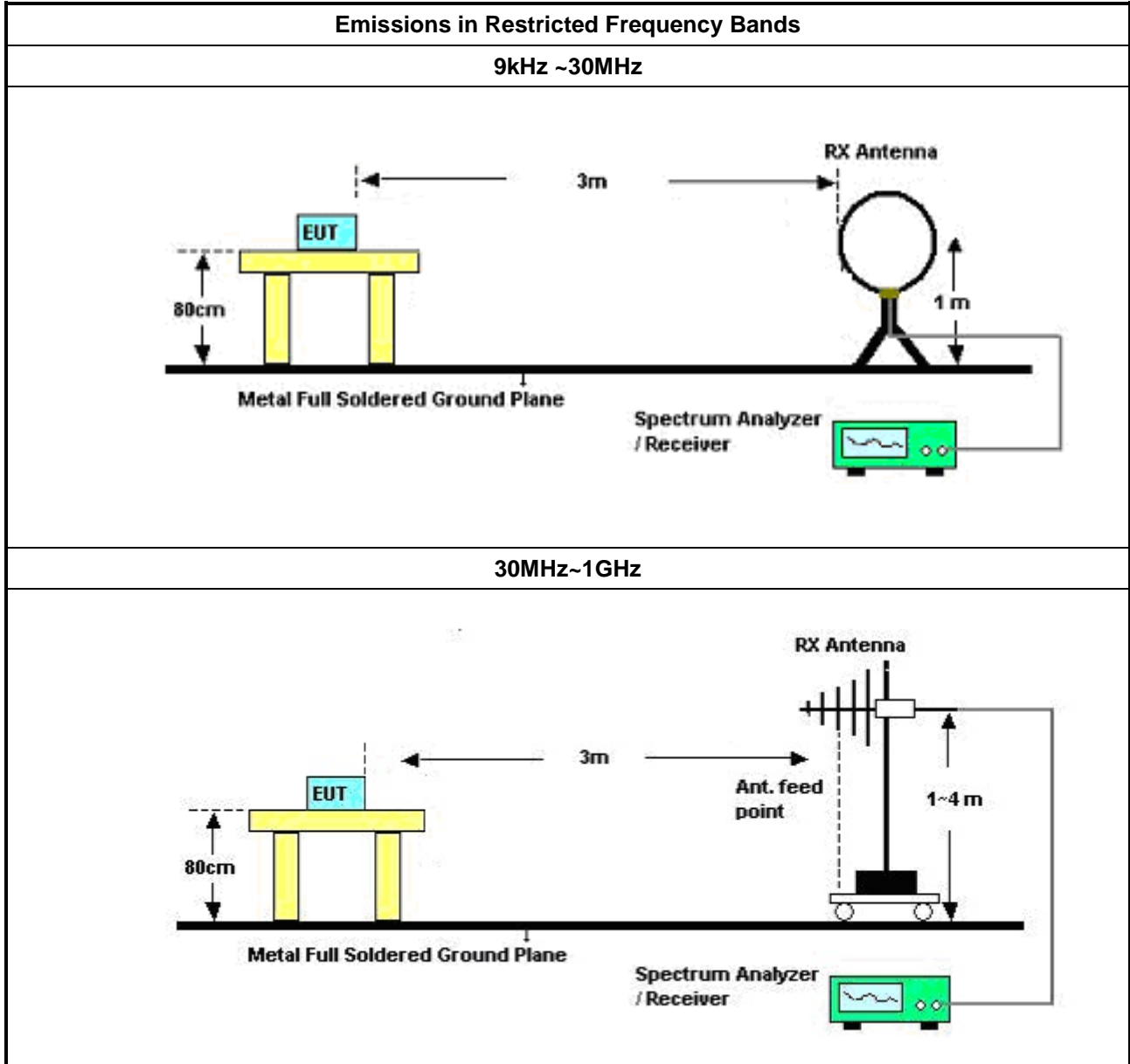
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> Refer as 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.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

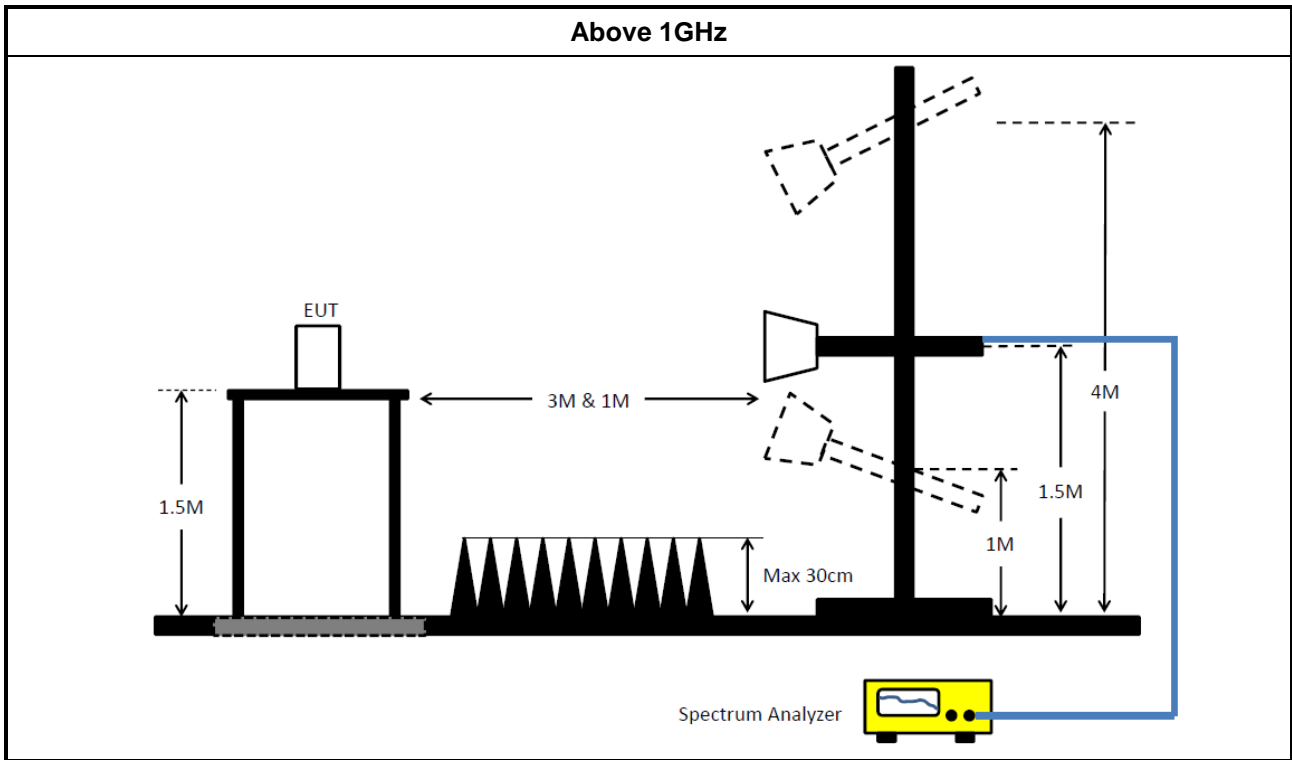
3.6.4 Measurement Results Calculation

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
Two-Line V-Network	R&S	ENV216	100003	9kHz ~ 30MHz	23/Dec/2021	22/Dec/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz~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	V5.10.7.14	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-15247_DTS	Sporton	V5.10.7.14	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	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamp	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/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	V5.10.7.14	N/A	N/A	N/A	N/A



Summary

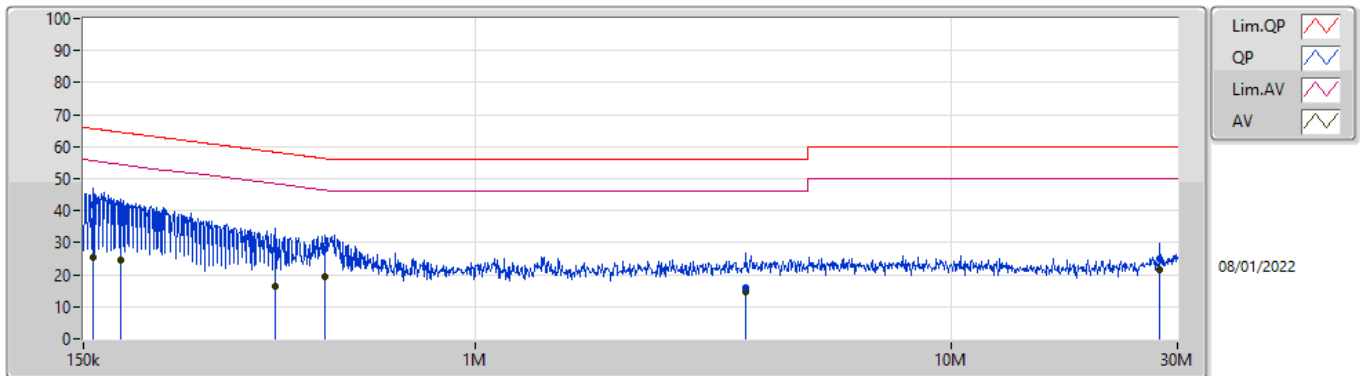
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	496.827k	32.65	46.06	-13.41	Neutral



Result

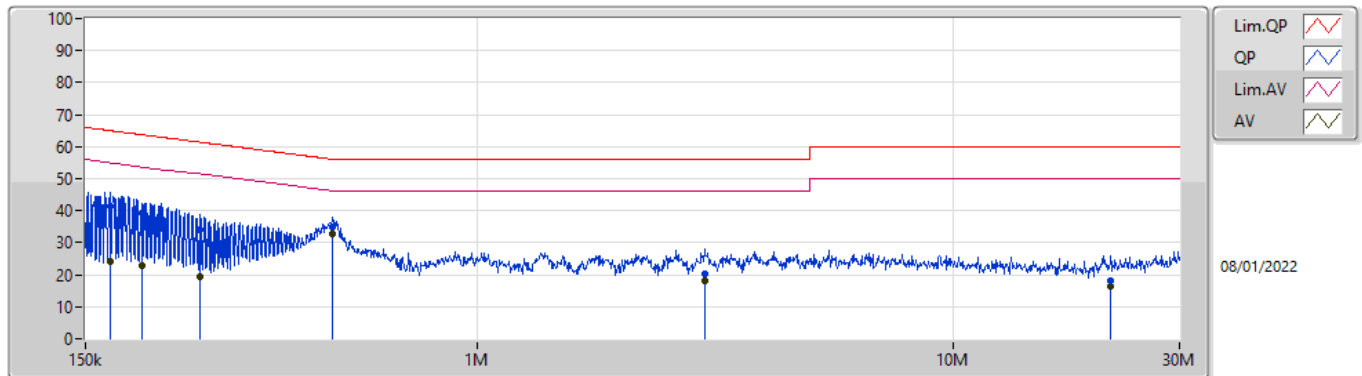
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.734k	41.85	65.64	-23.79	Line	-
Mode 1	Pass	AV	156.734k	25.40	55.64	-30.24	Line	-
Mode 1	Pass	QP	180.236k	39.94	64.47	-24.53	Line	-
Mode 1	Pass	AV	180.236k	24.62	54.47	-29.85	Line	-
Mode 1	Pass	QP	378.715k	27.85	58.31	-30.46	Line	-
Mode 1	Pass	AV	378.715k	16.41	48.31	-31.90	Line	-
Mode 1	Pass	QP	483.136k	27.99	56.29	-28.30	Line	-
Mode 1	Pass	AV	483.136k	19.36	46.29	-26.93	Line	-
Mode 1	Pass	QP	3.715M	16.03	56.00	-39.97	Line	-
Mode 1	Pass	AV	3.715M	14.49	46.00	-31.51	Line	-
Mode 1	Pass	QP	27.563M	25.02	60.00	-34.98	Line	-
Mode 1	Pass	AV	27.563M	21.50	50.00	-28.50	Line	-
Mode 1	Pass	QP	169.084k	41.37	65.01	-23.64	Neutral	-
Mode 1	Pass	AV	169.084k	24.24	55.01	-30.77	Neutral	-
Mode 1	Pass	QP	197.568k	39.42	63.71	-24.29	Neutral	-
Mode 1	Pass	AV	197.568k	23.06	53.71	-30.65	Neutral	-
Mode 1	Pass	QP	261.263k	33.88	61.39	-27.51	Neutral	-
Mode 1	Pass	AV	261.263k	19.27	51.39	-32.12	Neutral	-
Mode 1	Pass	QP	496.827k	35.03	56.06	-21.03	Neutral	-
Mode 1	Pass	AV	496.827k	32.65	46.06	-13.41	Neutral	-
Mode 1	Pass	QP	3.007M	20.15	56.00	-35.85	Neutral	-
Mode 1	Pass	AV	3.007M	18.13	46.00	-27.87	Neutral	-
Mode 1	Pass	QP	21.519M	18.30	60.00	-41.70	Neutral	-
Mode 1	Pass	AV	21.519M	16.27	50.00	-33.73	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	156.734k	41.85	65.64	-23.79	19.56	Line	-	22.29	9.61	0.04	9.91			
AV	156.734k	25.40	55.64	-30.24	19.56	Line	-	5.84	9.61	0.04	9.91			
QP	180.236k	39.94	64.47	-24.53	19.56	Line	-	20.38	9.61	0.04	9.91			
AV	180.236k	24.62	54.47	-29.85	19.56	Line	-	5.06	9.61	0.04	9.91			
QP	378.715k	27.85	58.31	-30.46	19.57	Line	-	8.28	9.60	0.06	9.91			
AV	378.715k	16.41	48.31	-31.90	19.57	Line	-	-3.16	9.60	0.06	9.91			
QP	483.136k	27.99	56.29	-28.30	19.57	Line	-	8.42	9.60	0.06	9.91			
AV	483.136k	19.36	46.29	-26.93	19.57	Line	-	-0.21	9.60	0.06	9.91			
QP	3.715M	16.03	56.00	-39.97	19.70	Line	-	-3.67	9.64	0.14	9.92			
AV	3.715M	14.49	46.00	-31.51	19.70	Line	-	-5.21	9.64	0.14	9.92			
QP	27.563M	25.02	60.00	-34.98	20.01	Line	-	5.01	9.74	0.33	9.94			
AV	27.563M	21.50	50.00	-28.50	20.01	Line	-	1.49	9.74	0.33	9.94			

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	169.084k	41.37	65.01	-23.64	19.55	Neutral	-	21.82	9.60	0.04	9.91
AV	169.084k	24.24	55.01	-30.77	19.55	Neutral	-	4.69	9.60	0.04	9.91
QP	197.568k	39.42	63.71	-24.29	19.55	Neutral	-	19.87	9.60	0.04	9.91
AV	197.568k	23.06	53.71	-30.65	19.55	Neutral	-	3.51	9.60	0.04	9.91
QP	261.263k	33.88	61.39	-27.51	19.56	Neutral	-	14.32	9.60	0.05	9.91
AV	261.263k	19.27	51.39	-32.12	19.56	Neutral	-	-0.29	9.60	0.05	9.91
QP	496.827k	35.03	56.06	-21.03	19.57	Neutral	-	15.46	9.60	0.06	9.91
AV	496.827k	32.65	46.06	-13.41	19.57	Neutral	-	13.08	9.60	0.06	9.91
QP	3.007M	20.15	56.00	-35.85	19.68	Neutral	-	0.47	9.64	0.12	9.92
AV	3.007M	18.13	46.00	-27.87	19.68	Neutral	-	-1.55	9.64	0.12	9.92
QP	21.519M	18.30	60.00	-41.70	20.13	Neutral	-	-1.83	9.89	0.31	9.93
AV	21.519M	16.27	50.00	-33.73	20.13	Neutral	-	-3.86	9.89	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)_2TX	11.075M	15.317M	15M3G1D	10.1M	14.943M
802.11g_Nss1,(6Mbps)_2TX	16.4M	16.442M	16M4D1D	16.375M	16.367M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	18.941M	18M9D1D	19M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.2M	38.081M	38M1D1D	38.05M	37.981M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.1M	14.968M	11.075M	15.017M
2437MHz	Pass	500k	11.05M	15.167M	10.1M	15.317M
2462MHz	Pass	500k	10.1M	14.943M	10.1M	14.993M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.375M	16.417M	16.4M	16.367M
2437MHz	Pass	500k	16.4M	16.442M	16.4M	16.442M
2462MHz	Pass	500k	16.4M	16.367M	16.4M	16.392M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	18.941M	19.05M	18.916M
2437MHz	Pass	500k	19M	18.941M	19.05M	18.891M
2462MHz	Pass	500k	19.025M	18.866M	19M	18.866M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38.1M	37.981M	38.2M	38.031M
2437MHz	Pass	500k	38.1M	38.081M	38.05M	38.031M
2452MHz	Pass	500k	38.1M	38.031M	38.1M	38.081M

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

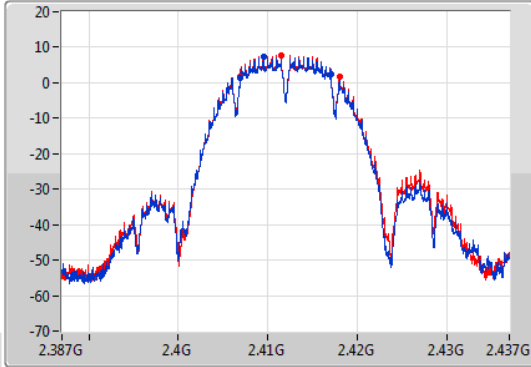
802.11b_Nss1,(1Mbps)_2TX

EBW

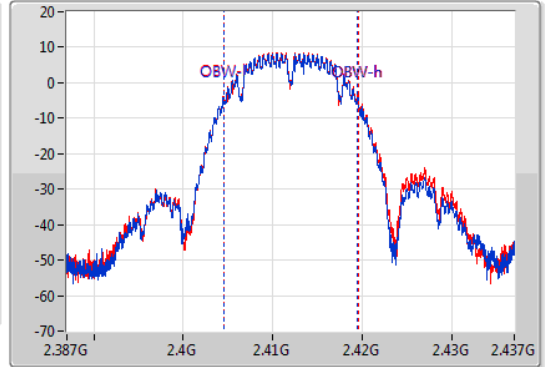
2412MHz

28/12/2021

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.1M	2.40695G	2.41705G	14.968M	2.404504G	2.419471G	500k	1
11.075M	2.40695G	2.418025G	15.017M	2.404529G	2.419546G	500k	2

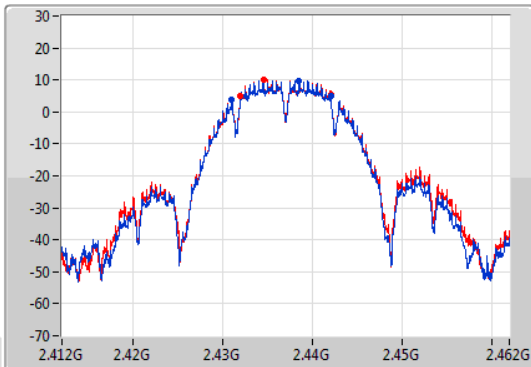
802.11b_Nss1,(1Mbps)_2TX

EBW

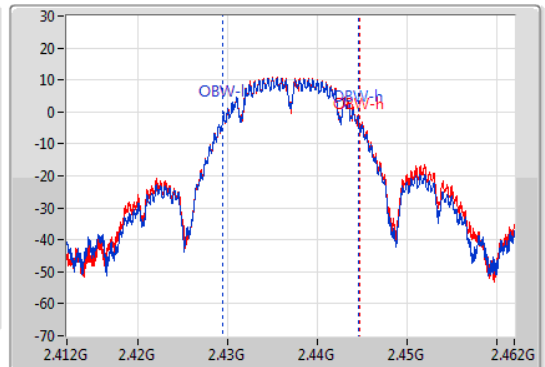
2437MHz

28/12/2021

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
11.05M	2.431G	2.44205G	15.167M	2.429429G	2.444596G	500k	1
10.1M	2.43195G	2.44205G	15.317M	2.429429G	2.444746G	500k	2

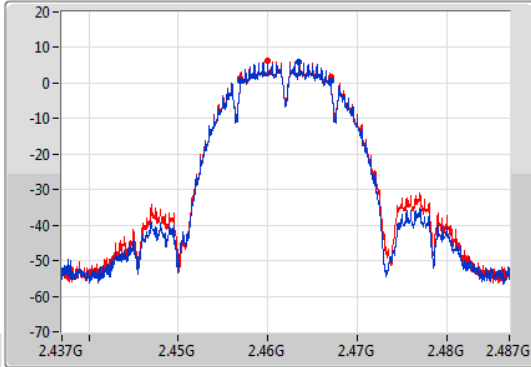
802.11b_Nss1,(1Mbps)_2TX

EBW

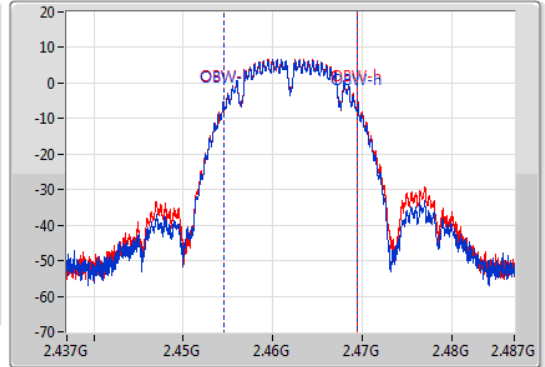
2462MHz

28/12/2021

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.1M	2.45695G	2.46705G	14.943M	2.454504G	2.469446G	500k	1
10.1M	2.45695G	2.46705G	14.993M	2.454504G	2.469496G	500k	2

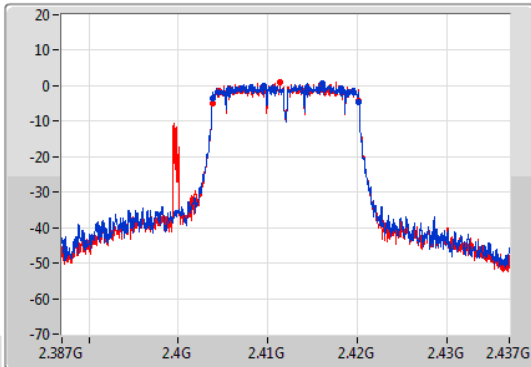
802.11g_Nss1,(6Mbps)_2TX

EBW

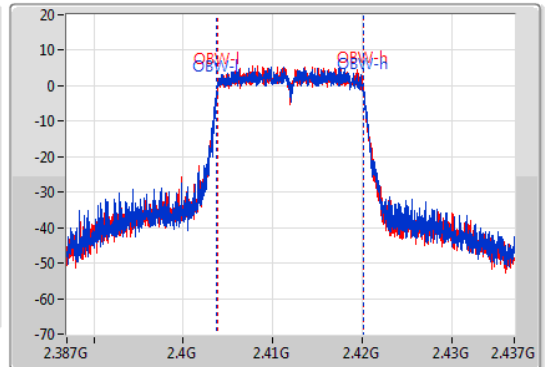
2412MHz

28/12/2021

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.403825G	2.4202G	16.417M	2.403779G	2.420196G	500k	1
16.4M	2.4038G	2.4202G	16.367M	2.403804G	2.420171G	500k	2

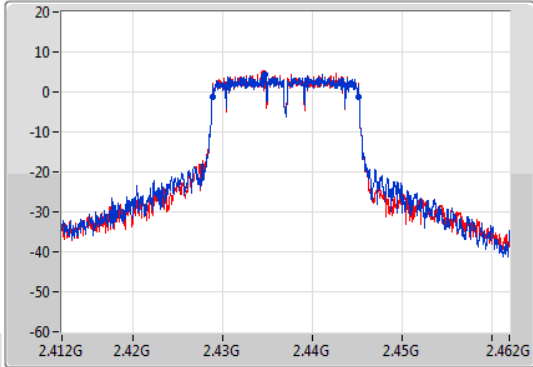
802.11g_Nss1,(6Mbps)_2TX

EBW

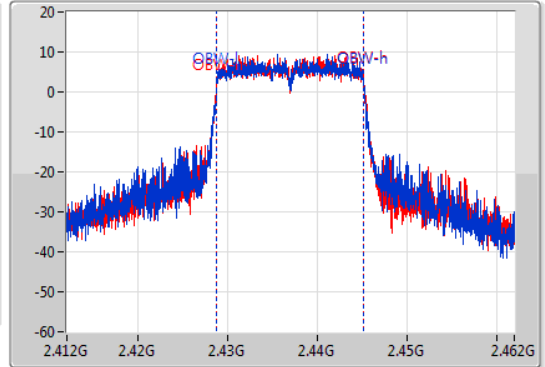
2437MHz

28/12/2021

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.4288G	2.4452G	16.442M	2.428754G	2.445196G	500k	1
16.4M	2.4288G	2.4452G	16.442M	2.428754G	2.445196G	500k	2

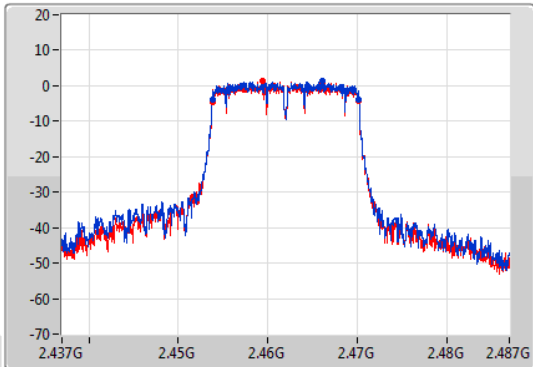
802.11g_Nss1,(6Mbps)_2TX

EBW

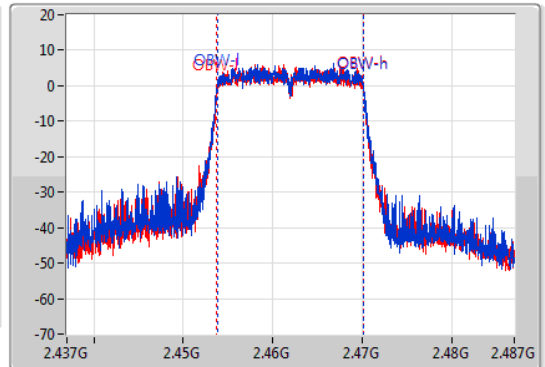
2462MHz

28/12/2021

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.4538G	2.4702G	16.367M	2.453804G	2.470171G	500k	1
16.4M	2.4538G	2.4702G	16.392M	2.453779G	2.470171G	500k	2

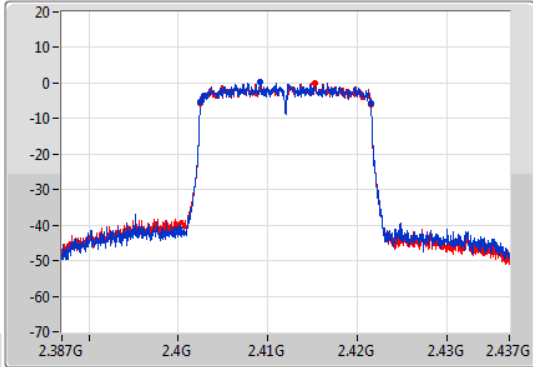
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

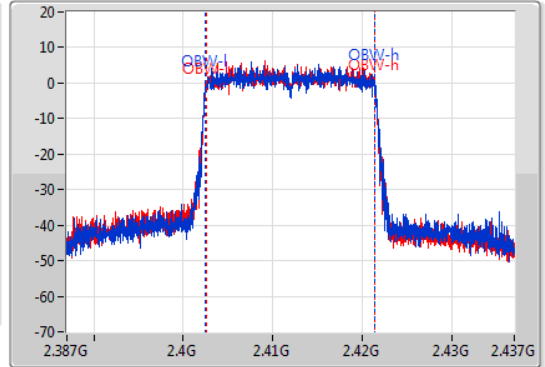
2412MHz

28/12/2021

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.402475G	2.4215G	18.941M	2.402505G	2.421445G	500k	1
19.05M	2.402475G	2.421525G	18.916M	2.40253G	2.421445G	500k	2

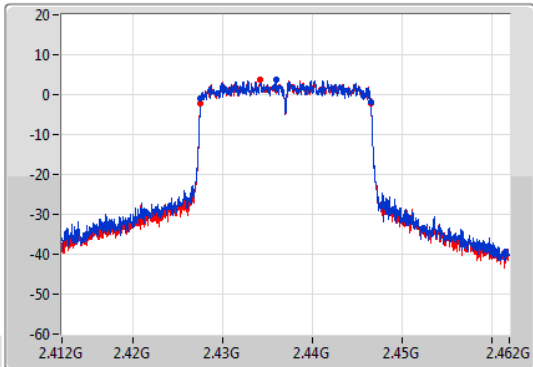
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

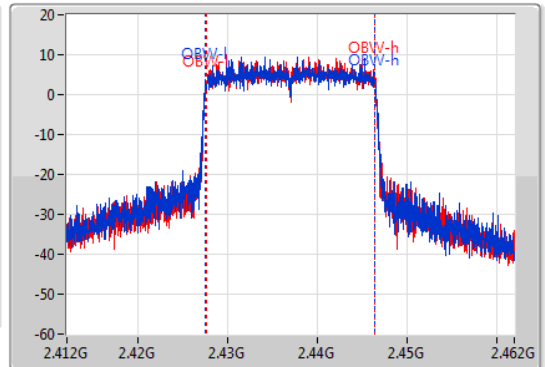
2437MHz

28/12/2021

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4275G	2.4465G	18.941M	2.427505G	2.446445G	500k	1
19.05M	2.427475G	2.446525G	18.891M	2.427555G	2.446445G	500k	2

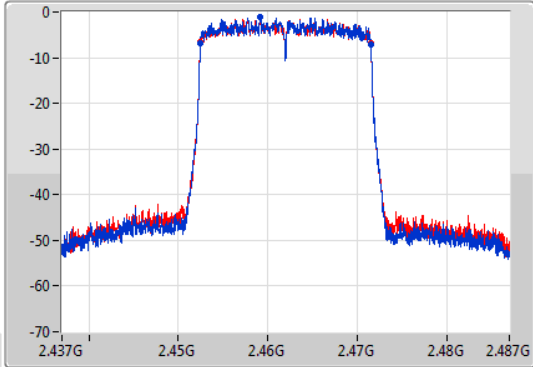
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

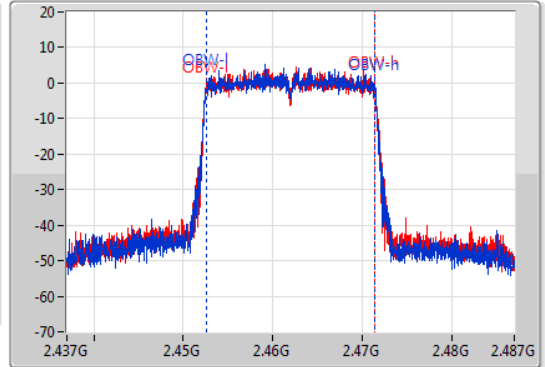
2462MHz

28/12/2021

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.452475G	2.4715G	18.866M	2.452555G	2.47142G	500k	1
19M	2.4525G	2.4715G	18.866M	2.452555G	2.47142G	500k	2

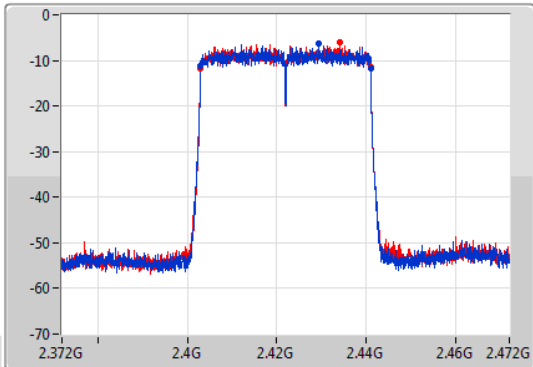
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

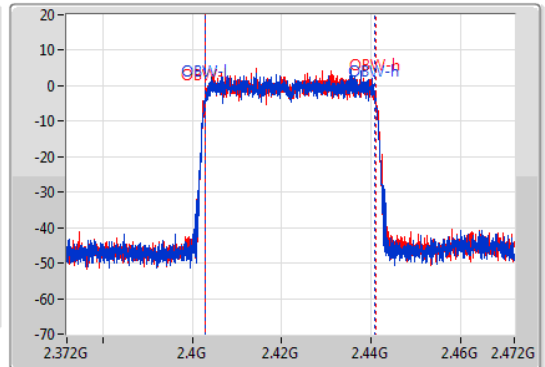
2422MHz

28/12/2021

CF
2.422GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.422GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	2.40295G	2.44105G	37.981M	2.40296G	2.440941G	500k	1
38.2M	2.4029G	2.4411G	38.031M	2.40296G	2.440991G	500k	2

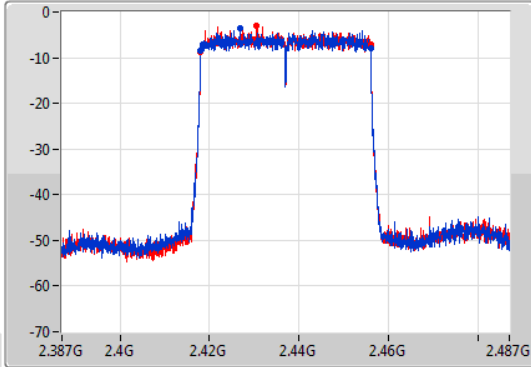
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

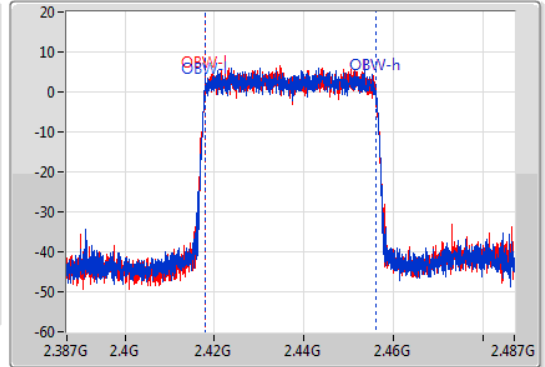
2437MHz

28/12/2021

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	2.41795G	2.45605G	38.081M	2.41796G	2.45604G	500k	1
38.05M	2.41795G	2.456G	38.031M	2.41796G	2.455991G	500k	2

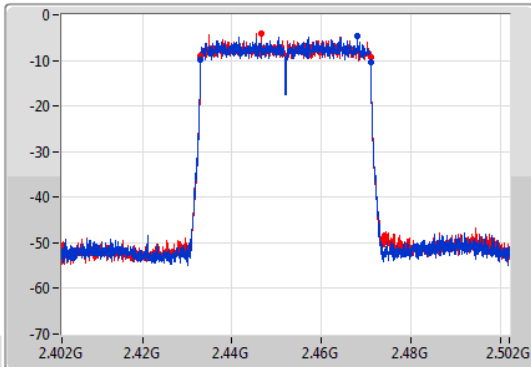
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

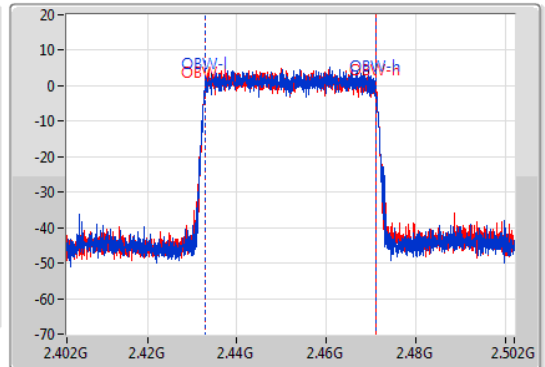
2452MHz

28/12/2021

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	2.43295G	2.47105G	38.031M	2.43296G	2.470991G	500k	1
38.1M	2.43295G	2.47105G	38.081M	2.43291G	2.470991G	500k	2



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.08	0.20324
802.11g_Nss1,(6Mbps)_2TX	21.47	0.14028
802.11ax HEW20_Nss1,(MCS0)_2TX	20.57	0.11402
802.11ax HEW40_Nss1,(MCS0)_2TX	15.75	0.03758



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.30	17.75	18.02	20.90	30.00
2417MHz	Pass	5.30	18.31	18.32	21.33	30.00
2437MHz	Pass	5.30	19.76	20.35	23.08	30.00
2457MHz	Pass	5.30	16.99	17.15	20.08	30.00
2462MHz	Pass	5.30	16.09	16.39	19.25	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.30	15.05	15.03	18.05	30.00
2417MHz	Pass	5.30	15.86	15.92	18.90	30.00
2437MHz	Pass	5.30	18.44	18.48	21.47	30.00
2457MHz	Pass	5.30	16.44	16.29	19.38	30.00
2462MHz	Pass	5.30	15.50	15.24	18.38	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.30	14.02	14.13	17.09	30.00
2417MHz	Pass	5.30	14.55	14.64	17.61	30.00
2437MHz	Pass	5.30	17.51	17.61	20.57	30.00
2457MHz	Pass	5.30	15.05	14.98	18.03	30.00
2462MHz	Pass	5.30	12.74	12.67	15.72	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.30	10.02	10.22	13.13	30.00
2427MHz	Pass	5.30	10.12	10.21	13.18	30.00
2437MHz	Pass	5.30	12.72	12.76	15.75	30.00
2447MHz	Pass	5.30	11.74	11.91	14.84	30.00
2452MHz	Pass	5.30	11.50	11.54	14.53	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.42
802.11g_Nss1,(6Mbps)_2TX	3.79
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.67
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.62

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.31	-7.39	-6.35	-4.76	5.69
2437MHz	Pass	8.31	-4.49	-4.86	-2.42	5.69
2462MHz	Pass	8.31	-7.88	-7.91	-5.97	5.69
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.31	-2.61	-2.80	0.31	5.69
2437MHz	Pass	8.31	0.89	0.77	3.79	5.69
2462MHz	Pass	8.31	-2.04	-2.54	0.70	5.69
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.31	-9.45	-9.29	-6.36	5.69
2437MHz	Pass	8.31	-5.64	-5.66	-2.67	5.69
2462MHz	Pass	8.31	-10.71	-10.72	-7.71	5.69
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.31	-16.43	-16.26	-13.33	5.69
2437MHz	Pass	8.31	-13.57	-13.41	-10.62	5.69
2452MHz	Pass	8.31	-14.71	-14.61	-11.81	5.69

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;

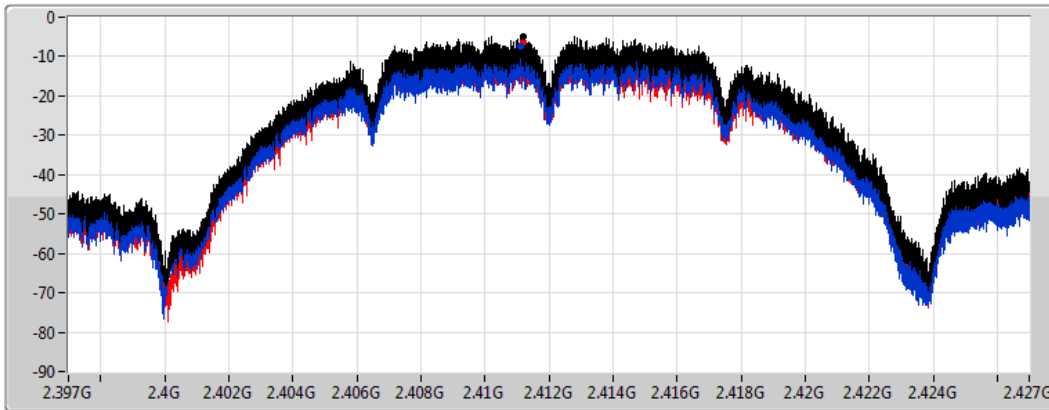
802.11b_Nss1,(1Mbps)_2TX




PSD

2412MHz

28/12/2021

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.76	-4.76	-7.39	-6.35

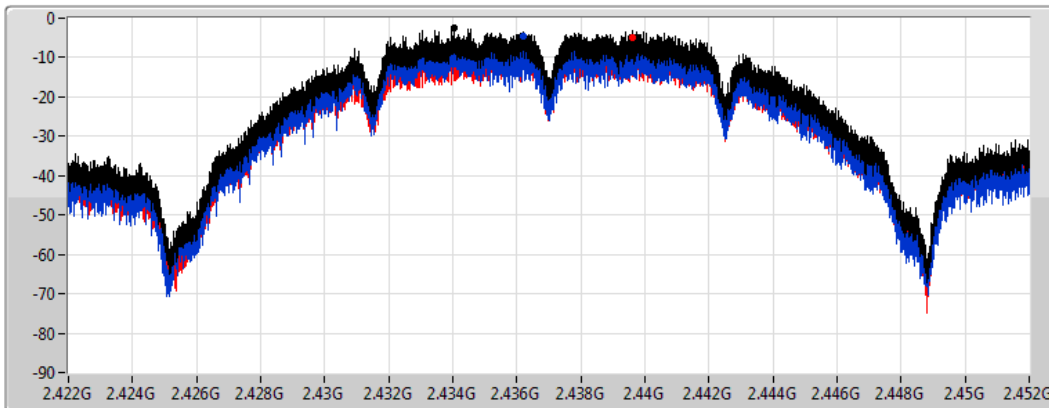
802.11b_Nss1,(1Mbps)_2TX




PSD

2437MHz

28/12/2021

CF
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.42	-2.42	-4.49	-4.86

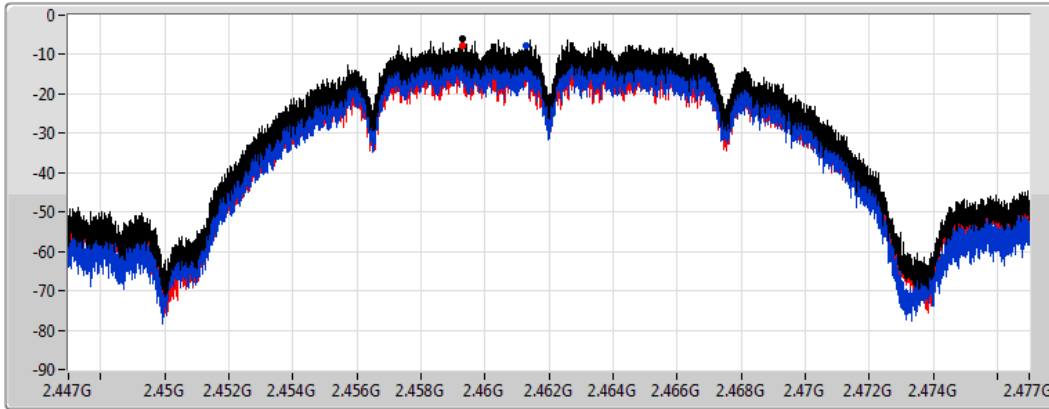
802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

28/12/2021

CF
2.462GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.97	-5.97	-7.88	-7.91

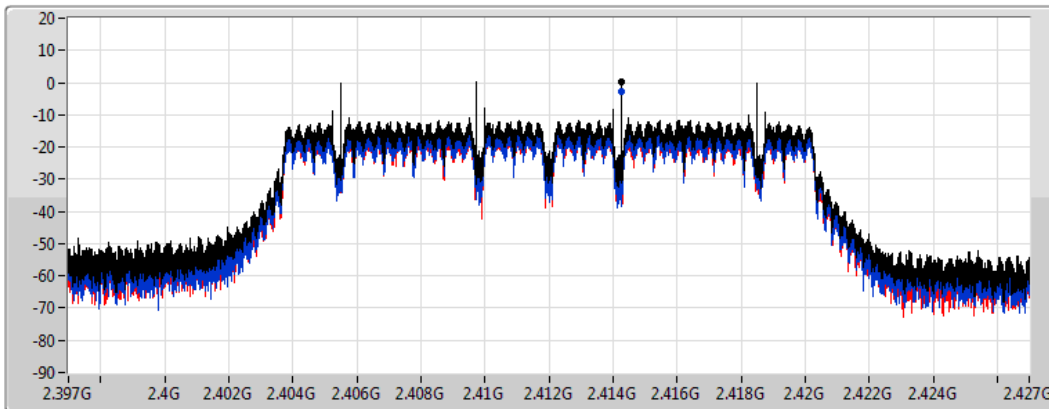
802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

28/12/2021

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.31	0.31	-2.61	-2.80

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

28/12/2021

CF
2.437GHz

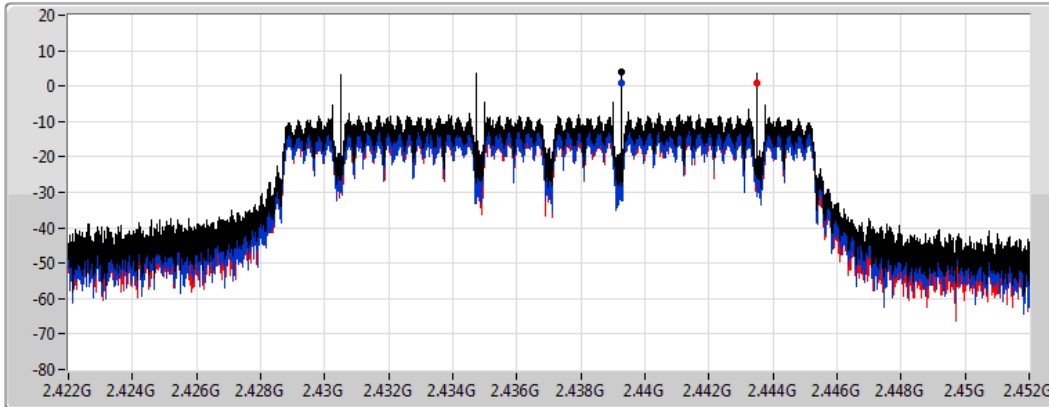
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	0.89	0.77

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

28/12/2021

CF
2.462GHz

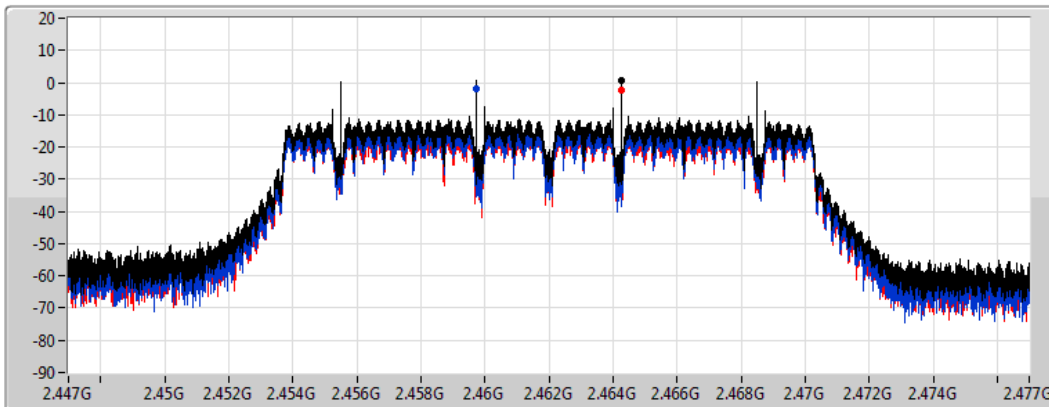
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-2.04	-2.54

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

28/12/2021

CF
2.412GHz

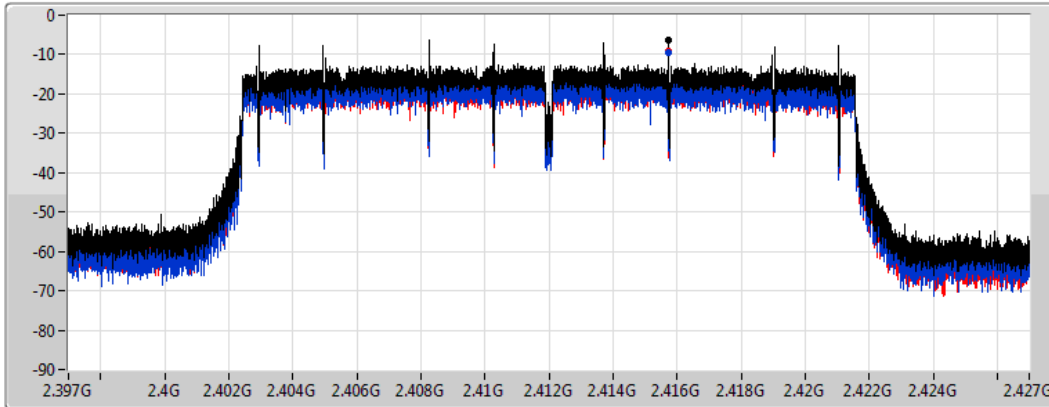
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.36	-6.36	-9.45	-9.29

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

28/12/2021

CF
2.437GHz

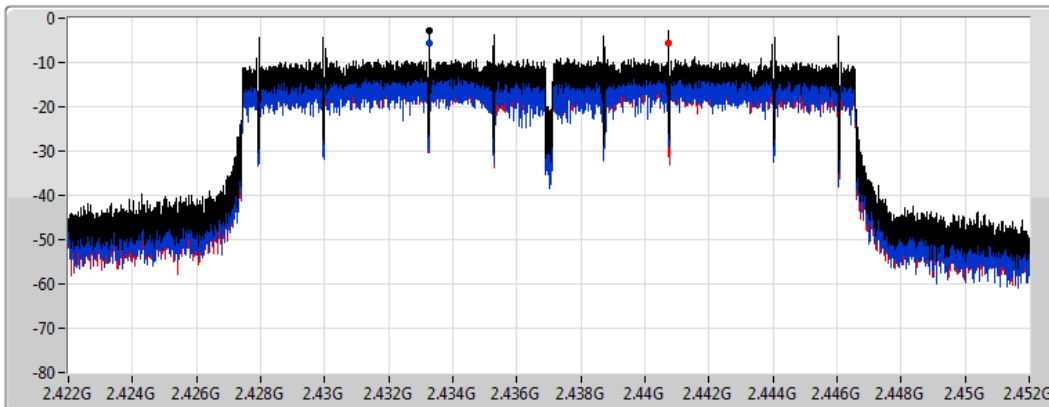
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.67	-2.67	-5.64	-5.66

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

28/12/2021

CF
2.462GHz

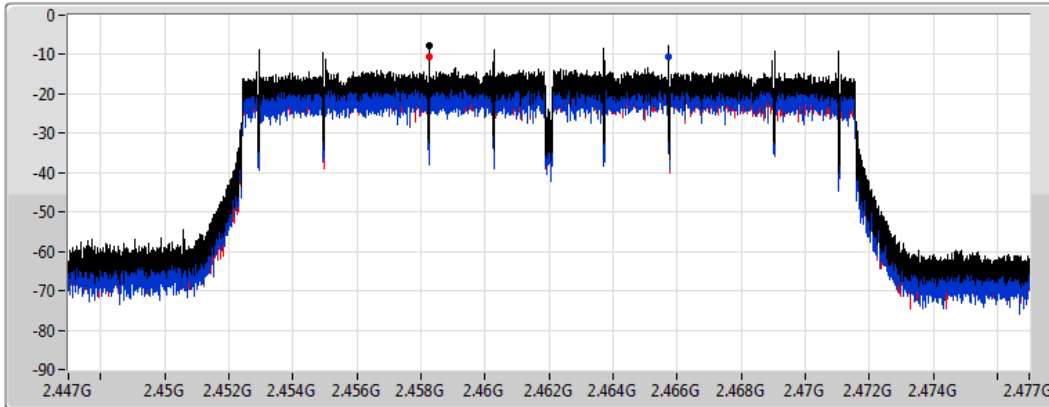
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.71	-7.71	-10.71	-10.72

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

28/12/2021

CF
2.422GHz

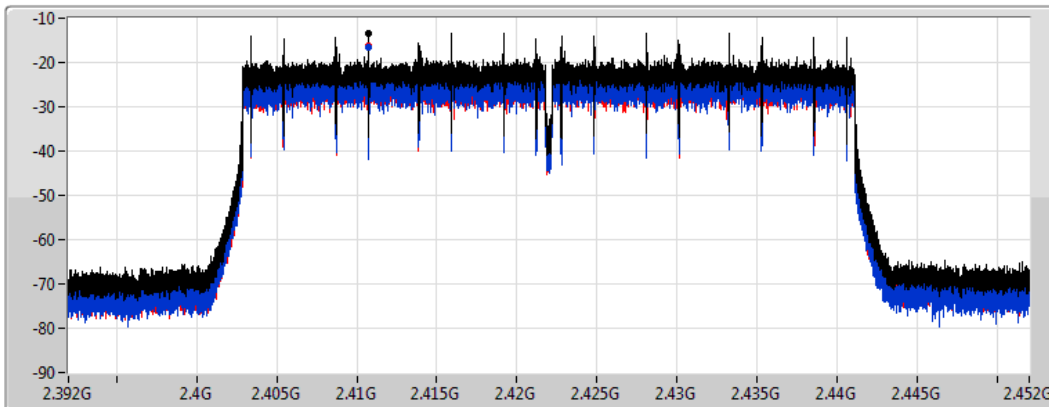
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
8.848933ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

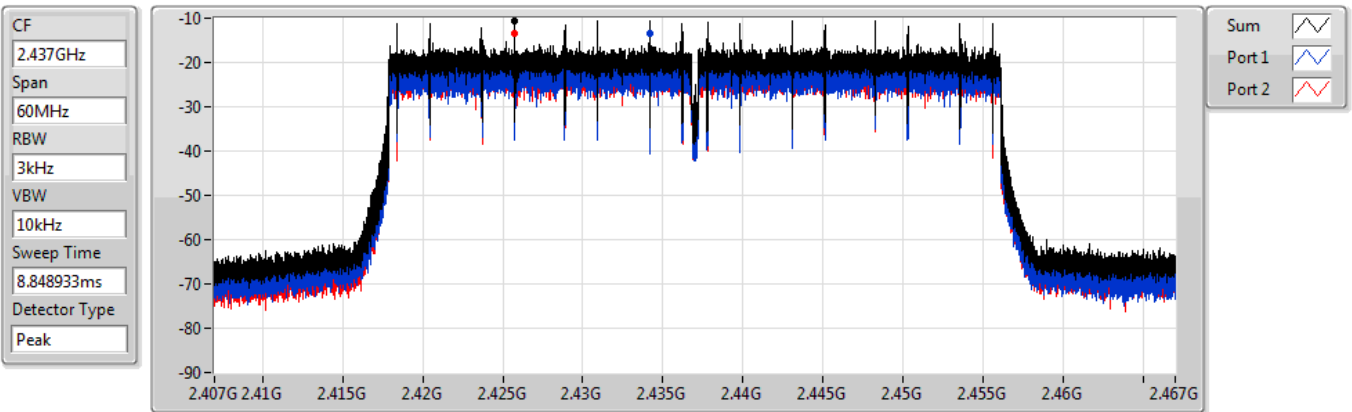
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.33	-13.33	-16.43	-16.26

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

28/12/2021



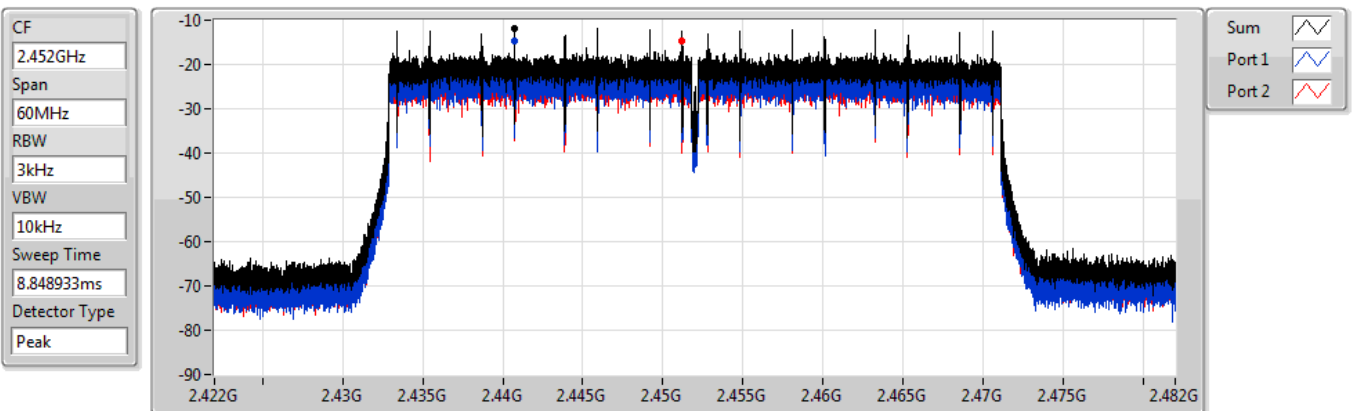
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.62	-10.62	-13.57	-13.41

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

28/12/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.81	-11.81	-14.71	-14.61



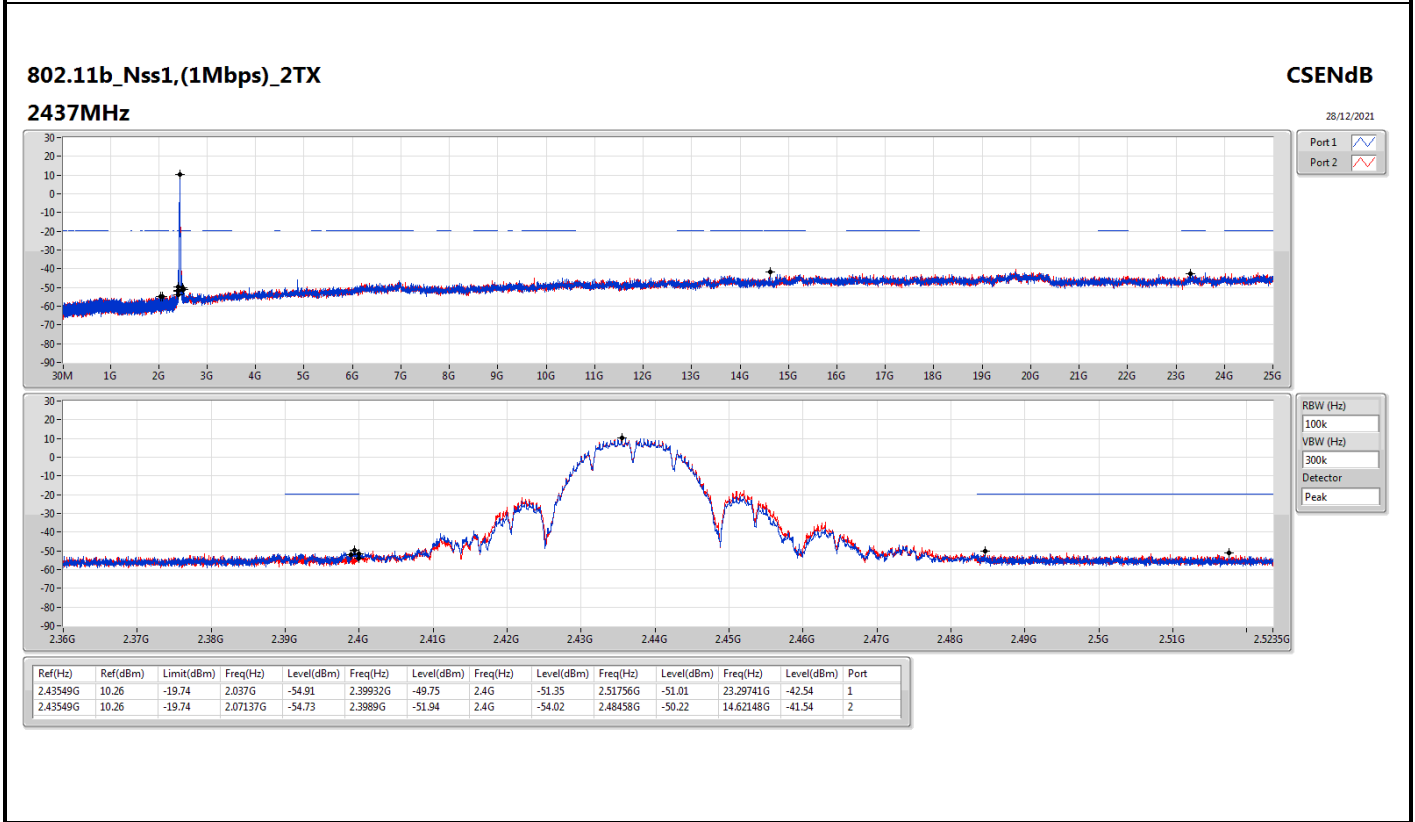
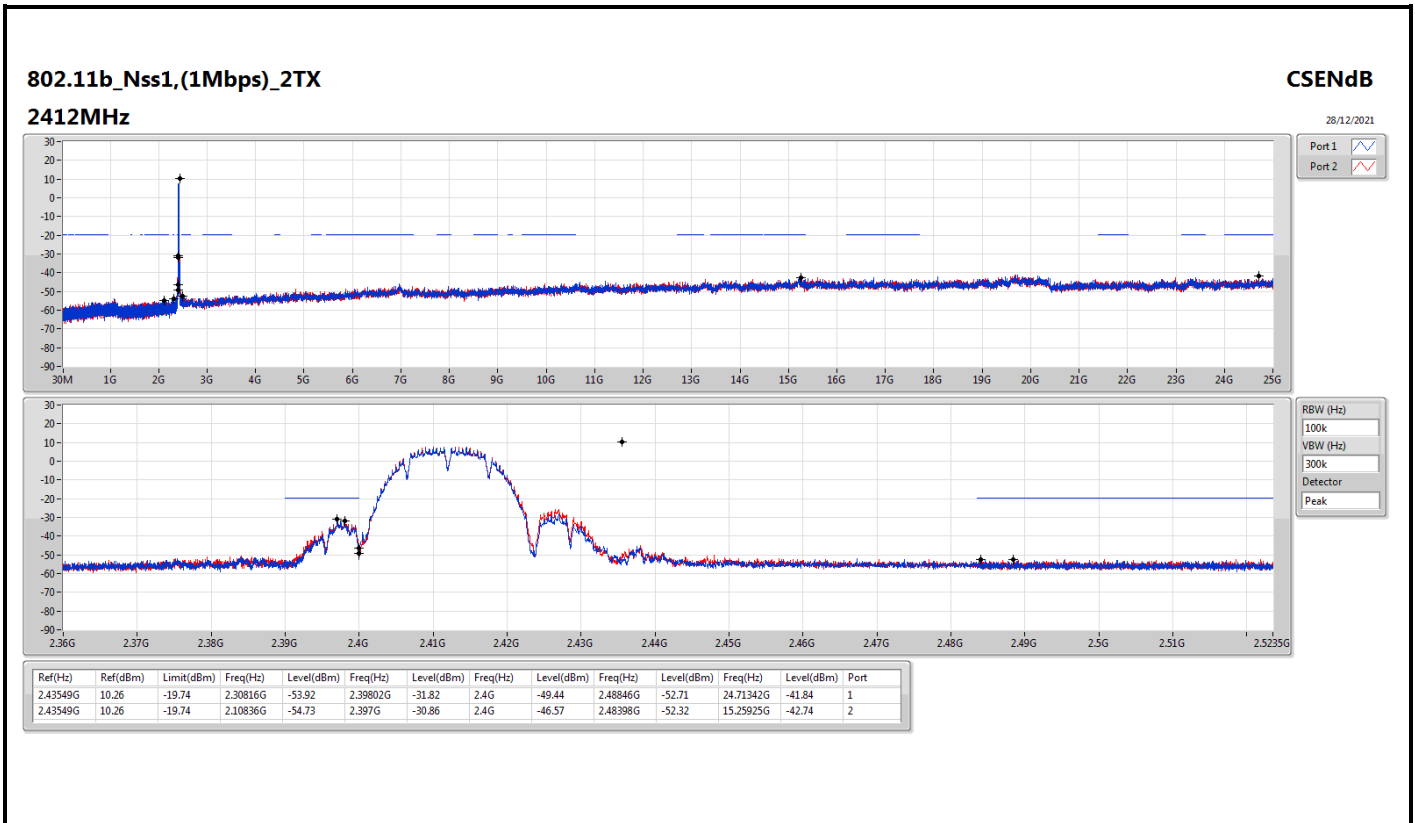
Summary

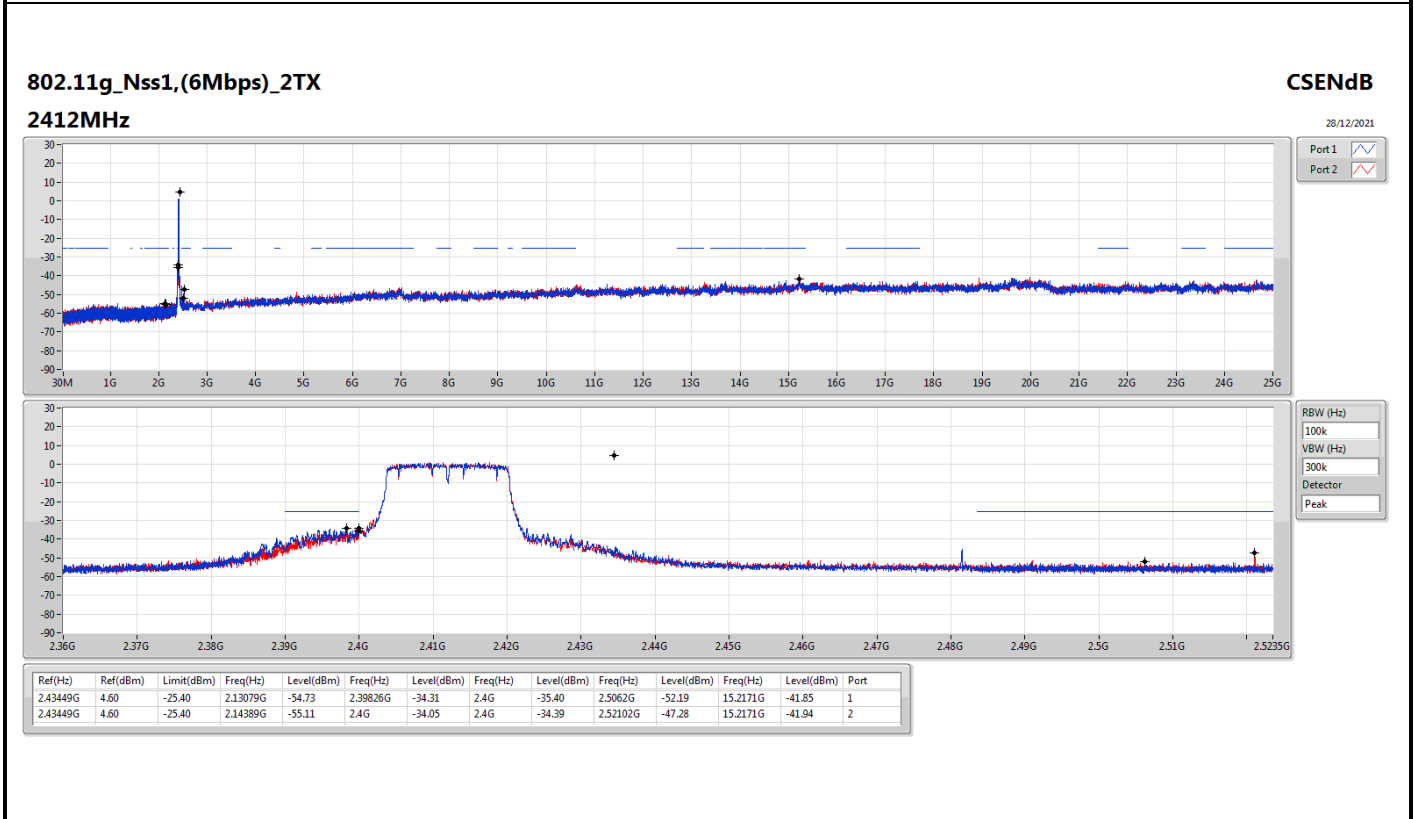
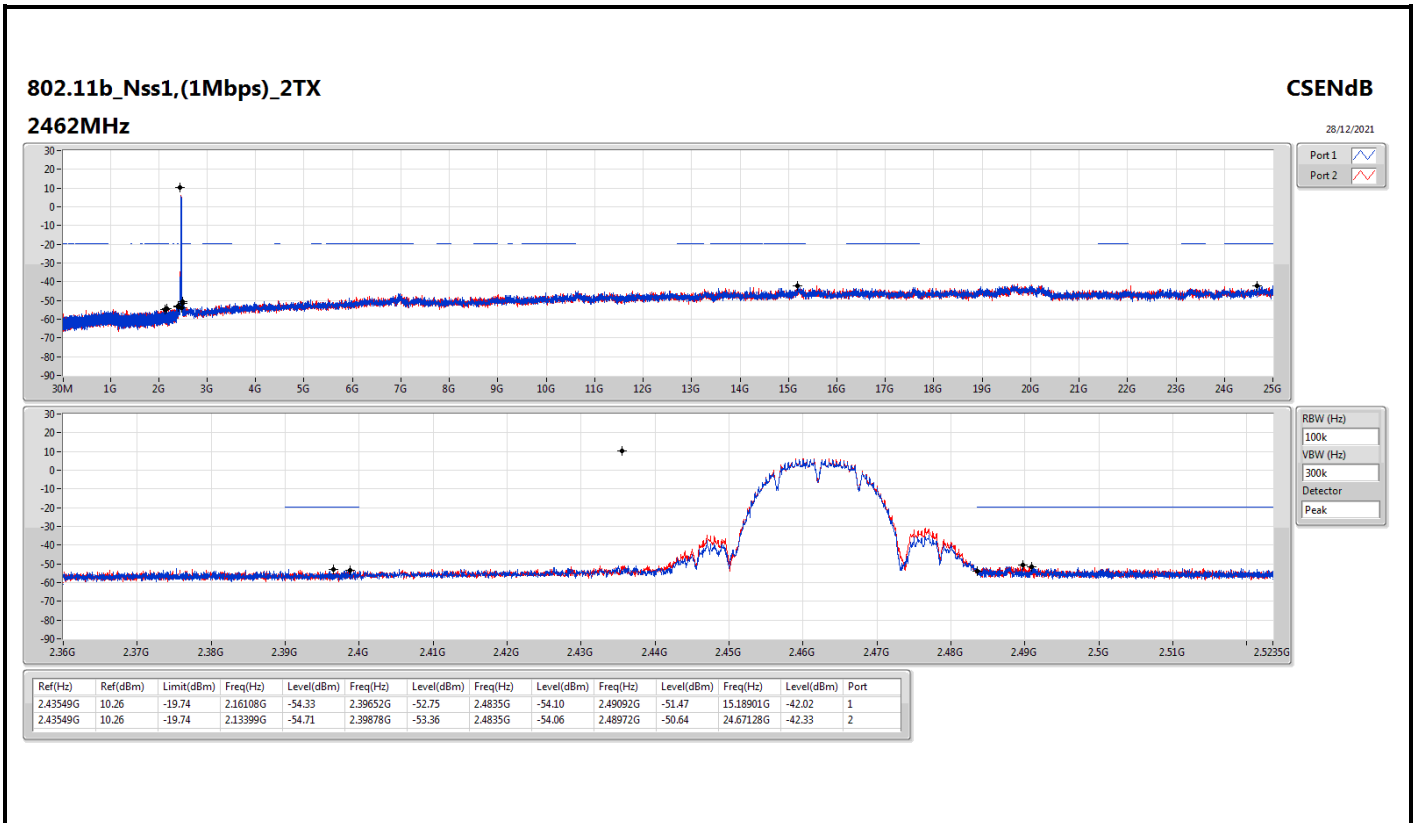
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43549G	10.26	-19.74	2.10836G	-54.73	2.397G	-30.86	2.4G	-46.57	2.48398G	-52.32	15.25925G	-42.74	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43449G	4.60	-25.40	2.14389G	-55.11	2.4G	-34.05	2.4G	-34.39	2.52102G	-47.28	15.2171G	-41.94	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43599G	3.55	-26.45	2.15554G	-55.17	2.39868G	-38.30	2.4G	-40.23	2.48586G	-51.97	24.00822G	-41.70	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44668G	-3.03	-33.03	2.15455G	-54.42	2.39776G	-52.62	2.4835G	-50.19	2.49486G	-44.96	23.35372G	-42.95	2

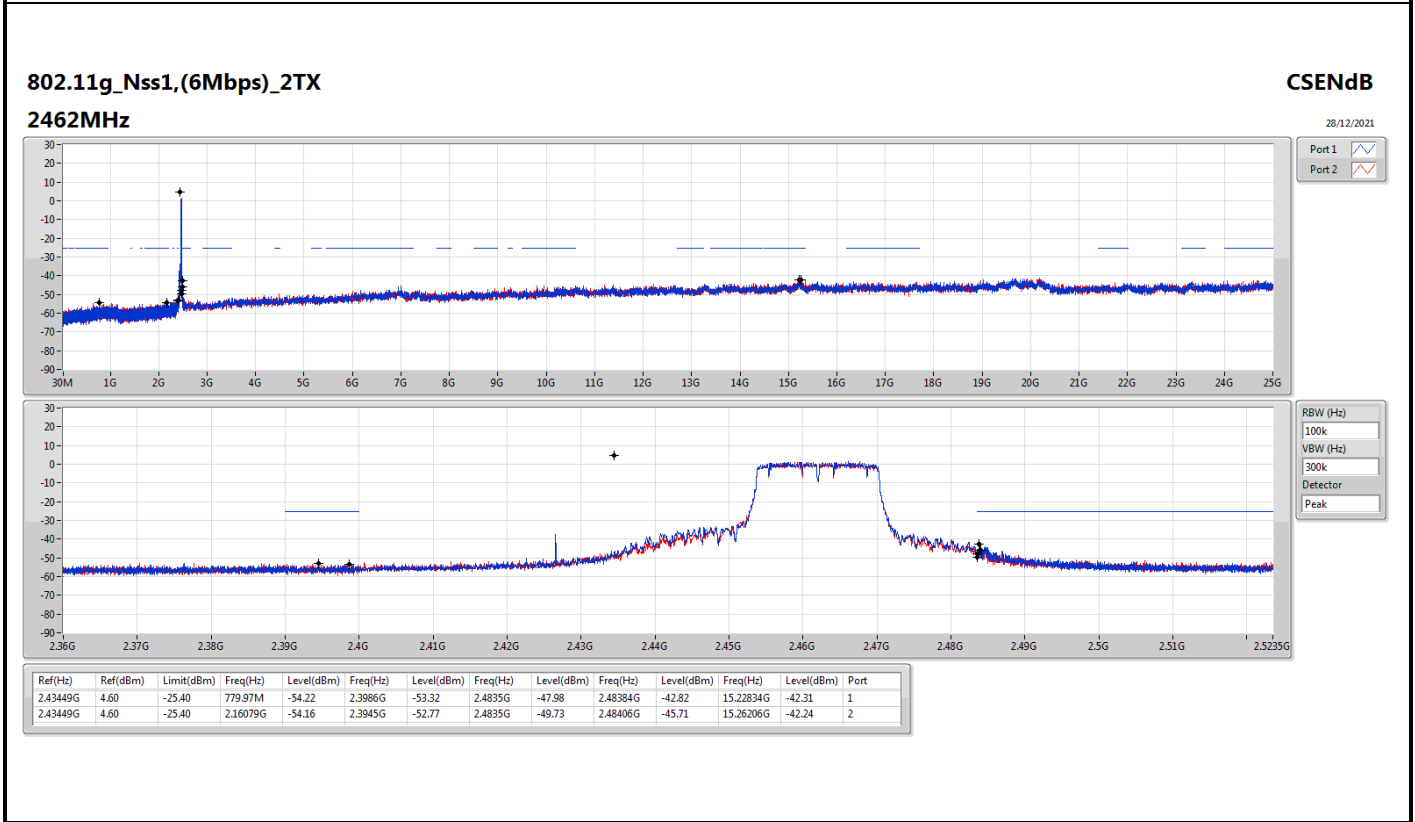
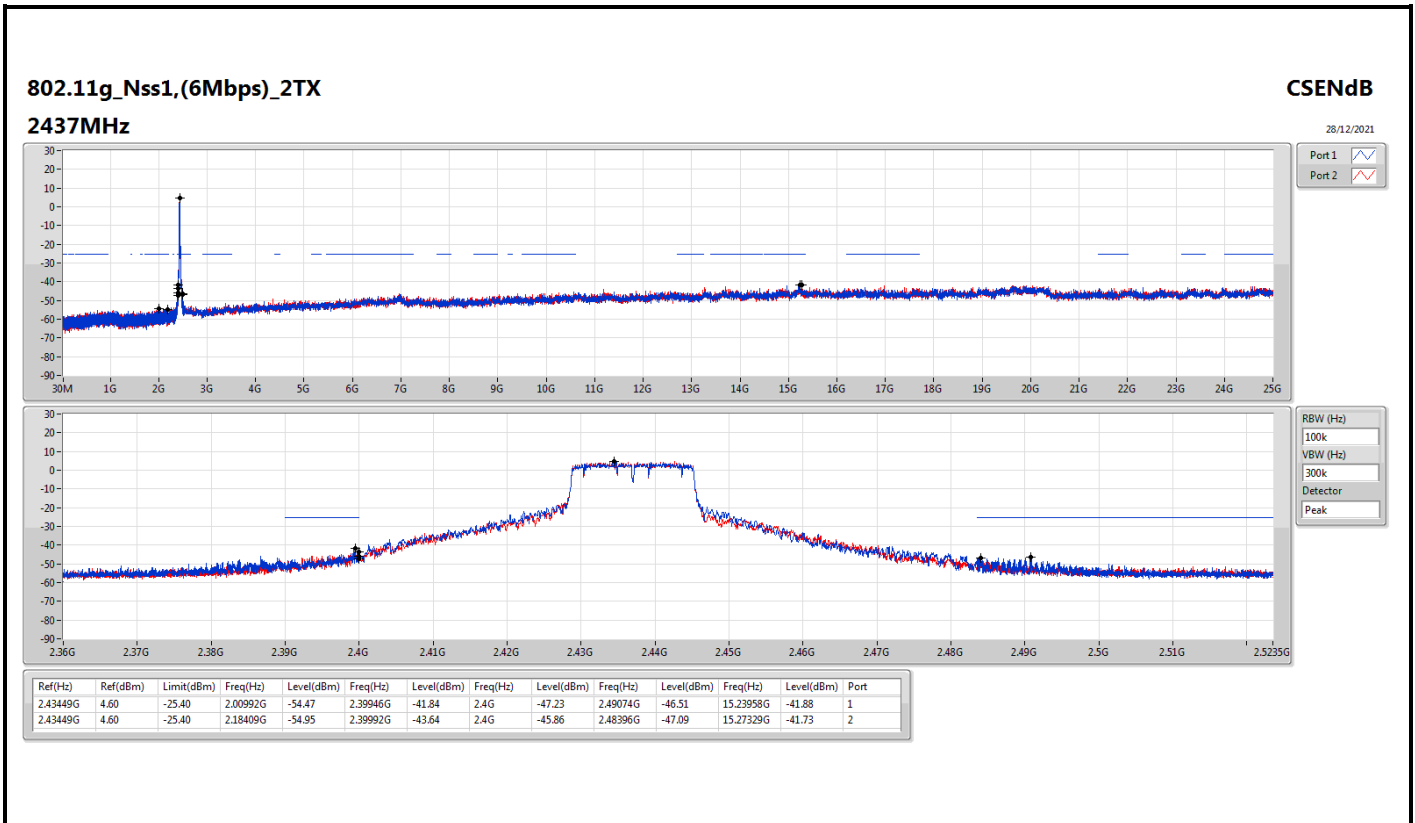


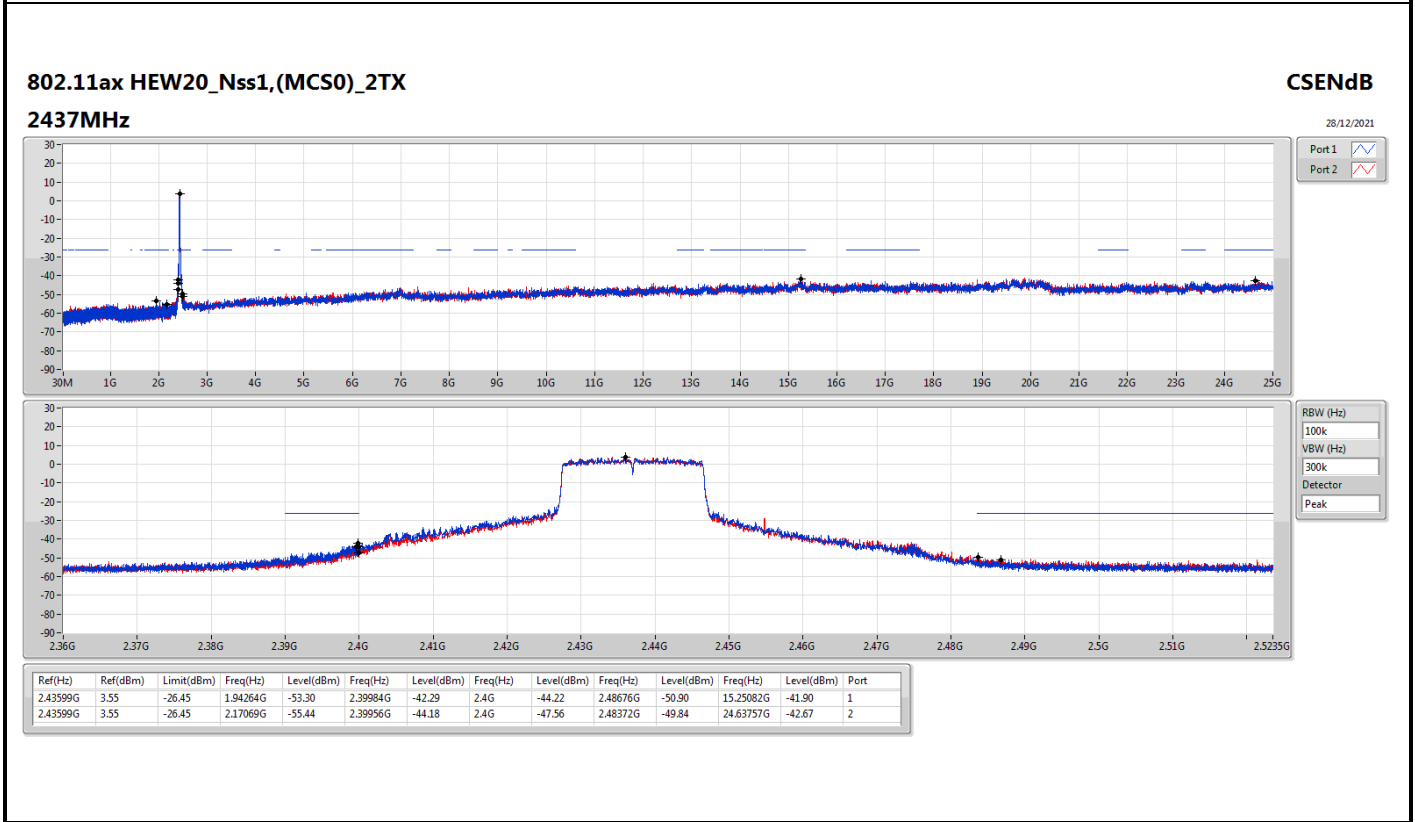
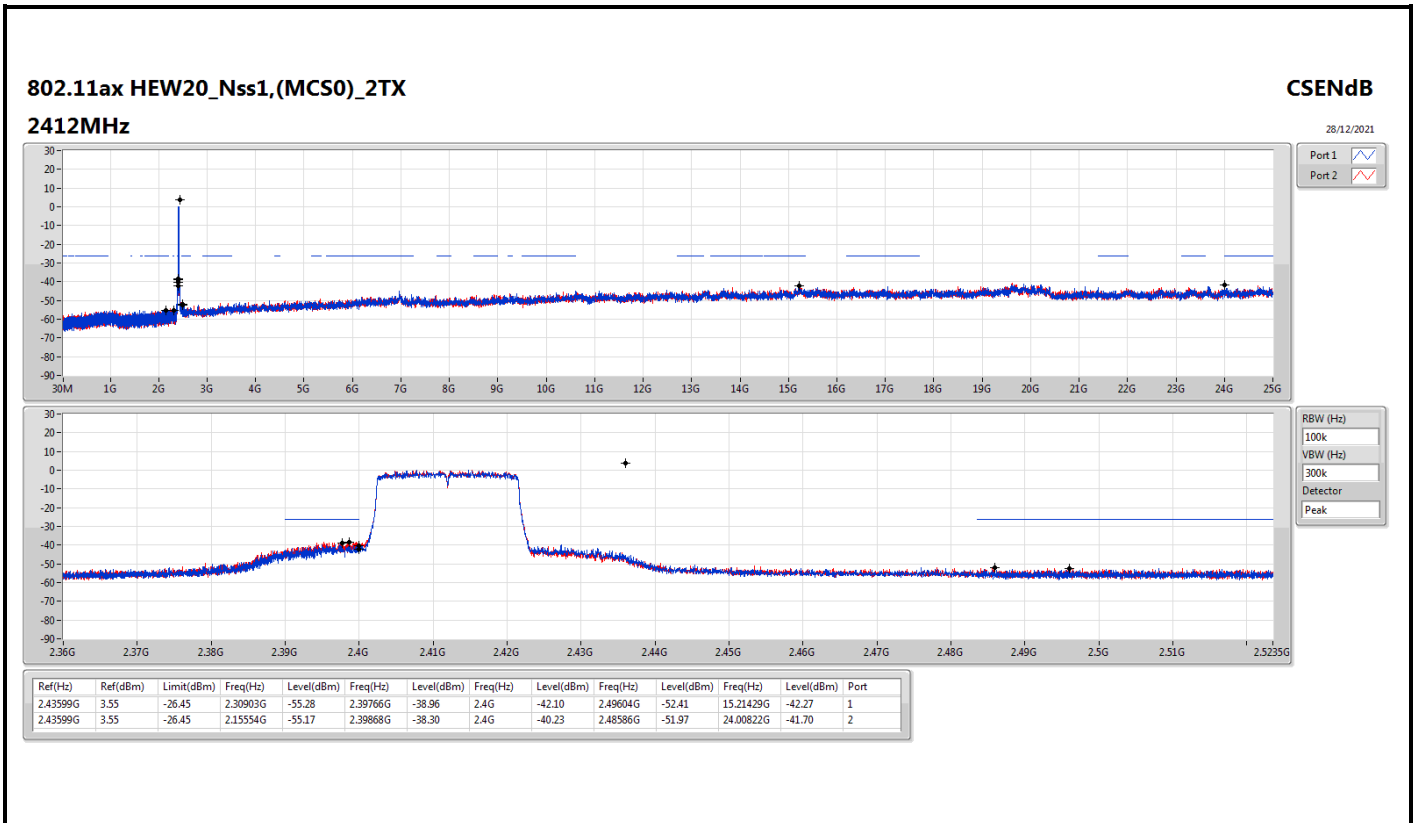
Result

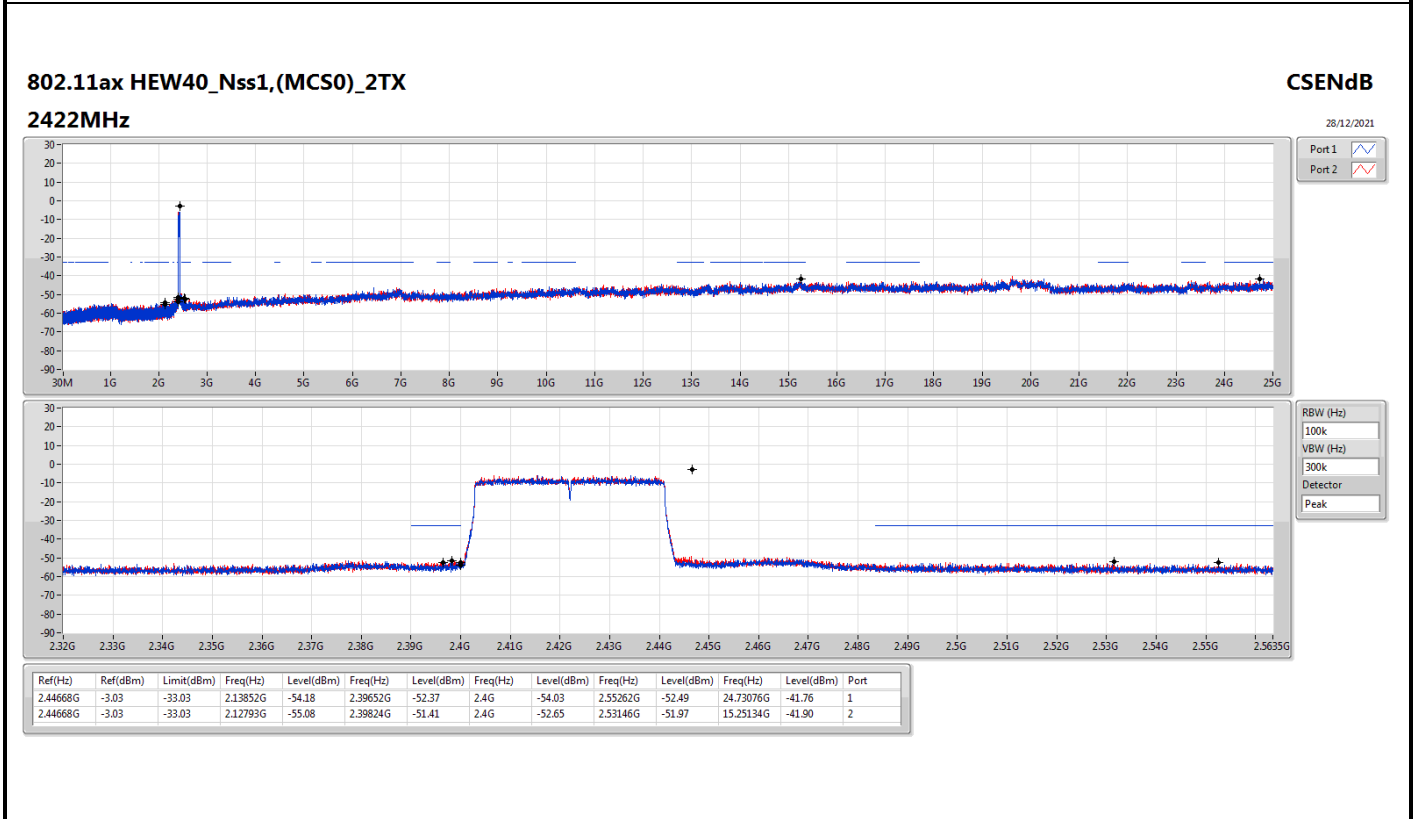
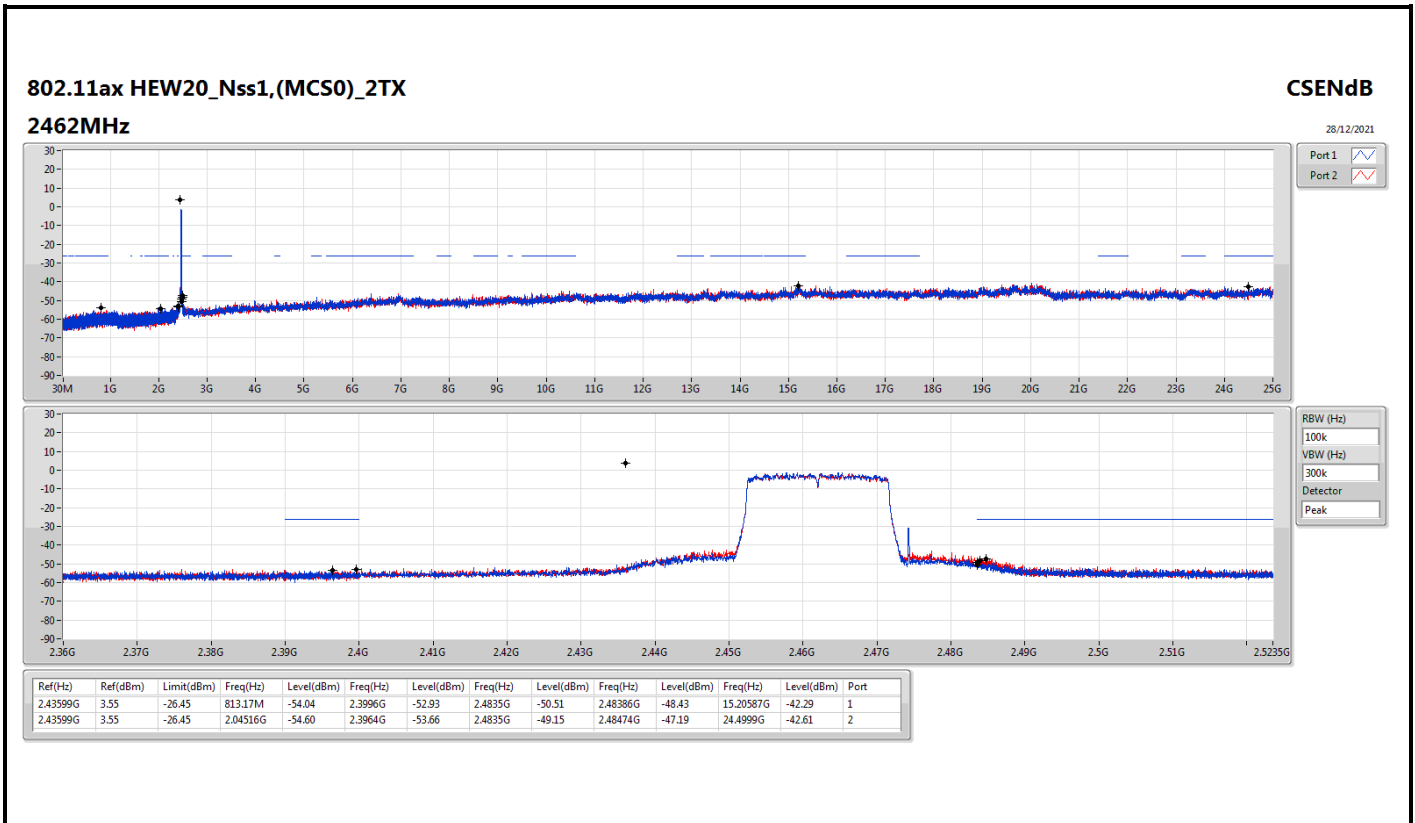
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43549G	10.26	-19.74	2.30816G	-53.92	2.39802G	-31.82	2.4G	-49.44	2.48846G	-52.71	24.71342G	-41.84	1
2412MHz	Pass	2.43549G	10.26	-19.74	2.10836G	-54.73	2.397G	-30.86	2.4G	-46.57	2.48398G	-52.32	15.25925G	-42.74	2
2437MHz	Pass	2.43549G	10.26	-19.74	2.037G	-54.91	2.39932G	-49.75	2.4G	-51.35	2.51756G	-51.01	23.29741G	-42.54	1
2437MHz	Pass	2.43549G	10.26	-19.74	2.07137G	-54.73	2.3989G	-51.94	2.4G	-54.02	2.48458G	-50.22	14.62148G	-41.54	2
2462MHz	Pass	2.43549G	10.26	-19.74	2.16108G	-54.33	2.39652G	-52.75	2.4835G	-54.10	2.49092G	-51.47	15.18901G	-42.02	1
2462MHz	Pass	2.43549G	10.26	-19.74	2.13399G	-54.71	2.39878G	-53.36	2.4835G	-54.06	2.48972G	-50.64	24.67128G	-42.33	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43449G	4.60	-25.40	2.13079G	-54.73	2.39826G	-34.31	2.4G	-35.40	2.5062G	-52.19	15.2171G	-41.85	1
2412MHz	Pass	2.43449G	4.60	-25.40	2.14389G	-55.11	2.4G	-34.05	2.4G	-34.39	2.52102G	-47.28	15.2171G	-41.94	2
2437MHz	Pass	2.43449G	4.60	-25.40	2.00992G	-54.47	2.39946G	-41.84	2.4G	-47.23	2.49074G	-46.51	15.23958G	-41.88	1
2437MHz	Pass	2.43449G	4.60	-25.40	2.18409G	-54.95	2.39992G	-43.64	2.4G	-45.86	2.48396G	-47.09	15.27329G	-41.73	2
2462MHz	Pass	2.43449G	4.60	-25.40	779.97M	-54.22	2.3986G	-53.32	2.4835G	-47.98	2.48384G	-42.82	15.22834G	-42.31	1
2462MHz	Pass	2.43449G	4.60	-25.40	2.16079G	-54.16	2.3945G	-52.77	2.4835G	-49.73	2.48406G	-45.71	15.26206G	-42.24	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	3.55	-26.45	2.30903G	-55.28	2.39766G	-38.96	2.4G	-42.10	2.49604G	-52.41	15.21429G	-42.27	1
2412MHz	Pass	2.43599G	3.55	-26.45	2.15554G	-55.17	2.39868G	-38.30	2.4G	-40.23	2.48586G	-51.97	24.00822G	-41.70	2
2437MHz	Pass	2.43599G	3.55	-26.45	1.94264G	-53.30	2.39984G	-42.29	2.4G	-44.22	2.48676G	-50.90	15.25082G	-41.90	1
2437MHz	Pass	2.43599G	3.55	-26.45	2.17069G	-55.44	2.39956G	-44.18	2.4G	-47.56	2.48372G	-49.84	24.63757G	-42.67	2
2462MHz	Pass	2.43599G	3.55	-26.45	813.17M	-54.04	2.3996G	-52.93	2.4835G	-50.51	2.48386G	-48.43	15.20587G	-42.29	1
2462MHz	Pass	2.43599G	3.55	-26.45	2.04516G	-54.60	2.3964G	-53.66	2.4835G	-49.15	2.48474G	-47.19	24.4999G	-42.61	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44668G	-3.03	-33.03	2.13852G	-54.18	2.39652G	-52.37	2.4G	-54.03	2.55262G	-52.49	24.73076G	-41.76	1
2422MHz	Pass	2.44668G	-3.03	-33.03	2.12793G	-55.08	2.39824G	-51.41	2.4G	-52.65	2.53146G	-51.97	15.25134G	-41.90	2
2437MHz	Pass	2.44668G	-3.03	-33.03	2.30082G	-55.23	2.39084G	-47.54	2.4835G	-48.59	2.4839G	-46.62	15.20927G	-41.95	1
2437MHz	Pass	2.44668G	-3.03	-33.03	2.09644G	-54.77	2.3912G	-48.09	2.4835G	-48.08	2.48386G	-46.57	15.24854G	-42.38	2
2452MHz	Pass	2.44668G	-3.03	-33.03	2.14281G	-54.32	2.3994G	-51.50	2.4835G	-52.23	2.48886G	-47.59	24.98878G	-42.53	1
2452MHz	Pass	2.44668G	-3.03	-33.03	2.15455G	-54.42	2.39776G	-52.62	2.4835G	-50.19	2.49486G	-44.96	23.35372G	-42.95	2

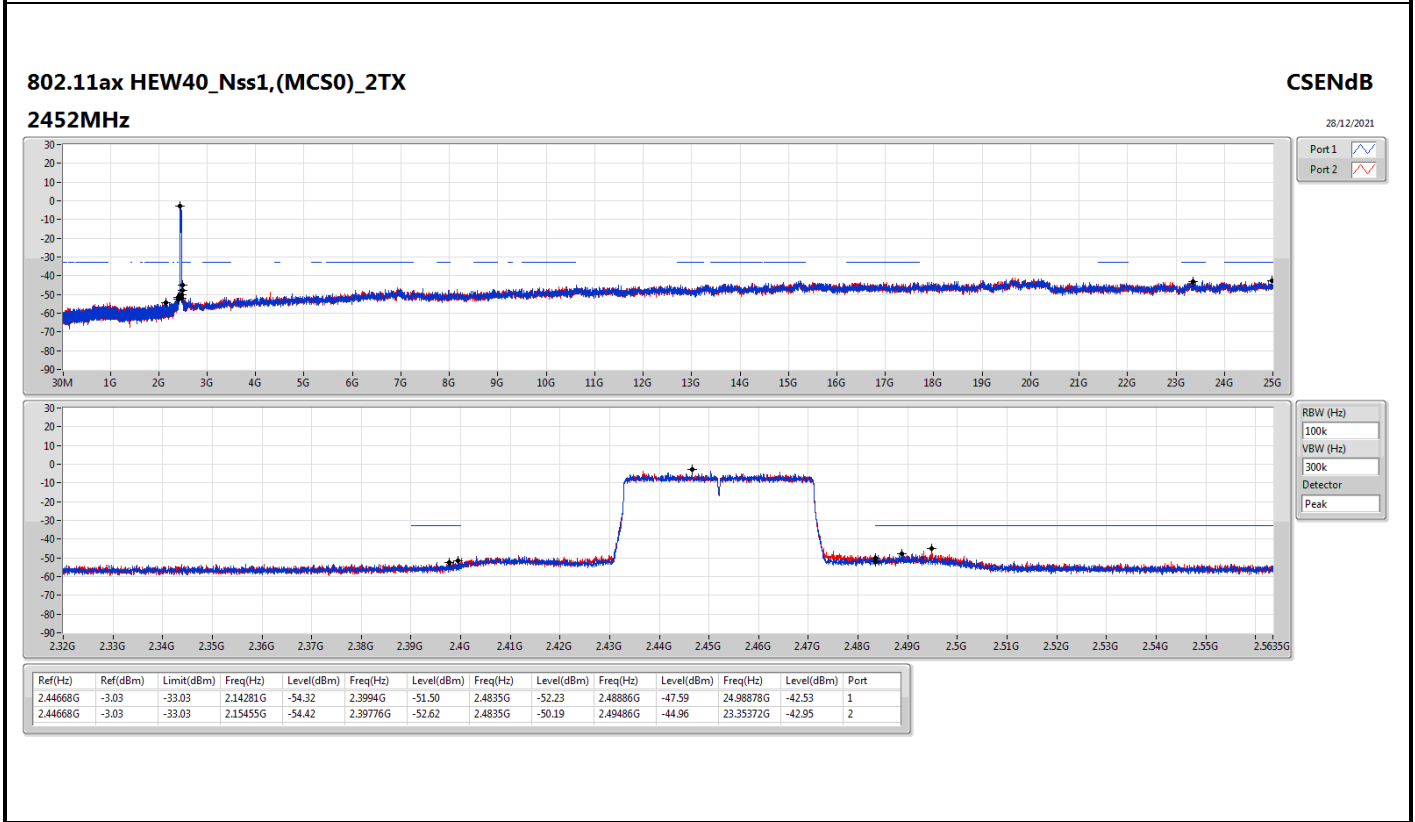
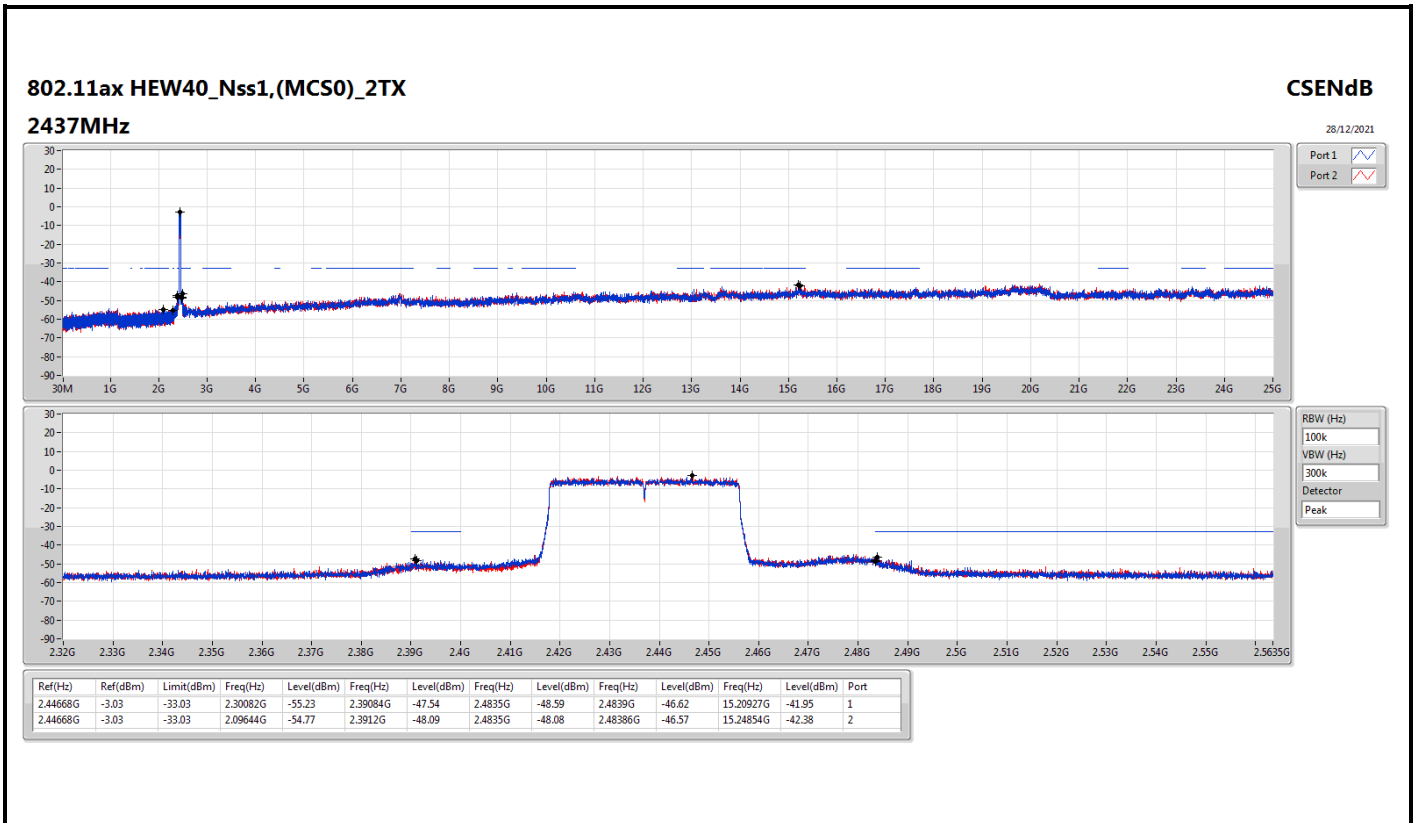














Summary

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)_2TX	Pass	PK	926.28M	42.90	46.00	-3.10	3	Horizontal	360	1.00	-

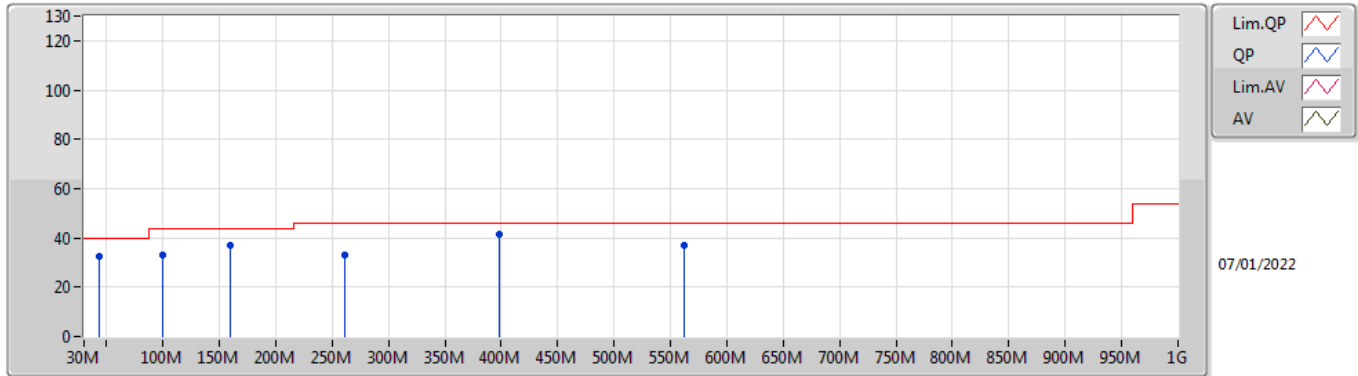


Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	43.58M	32.52	40.00	-7.48	3	Vertical	0	1.00	-
2437MHz	Pass	PK	99.84M	33.04	43.50	-10.46	3	Vertical	0	1.00	-
2437MHz	Pass	PK	159.98M	37.10	43.50	-6.40	3	Vertical	0	1.00	-
2437MHz	Pass	PK	260.86M	33.13	46.00	-12.87	3	Vertical	0	1.00	-
2437MHz	Pass	PK	398.6M	41.62	46.00	-4.38	3	Vertical	0	1.00	-
2437MHz	Pass	PK	561.56M	36.79	46.00	-9.21	3	Vertical	0	1.00	-
2437MHz	Pass	PK	31.94M	32.15	40.00	-7.85	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	80.44M	34.68	40.00	-5.32	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	353.98M	41.44	46.00	-4.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	528.58M	38.33	46.00	-7.67	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	926.28M	42.90	46.00	-3.10	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	144.46M	40.37	43.50	-3.13	3	Horizontal	145	1.86	-

802.11ax HEW40_Nss1,(MCS0)_2TX

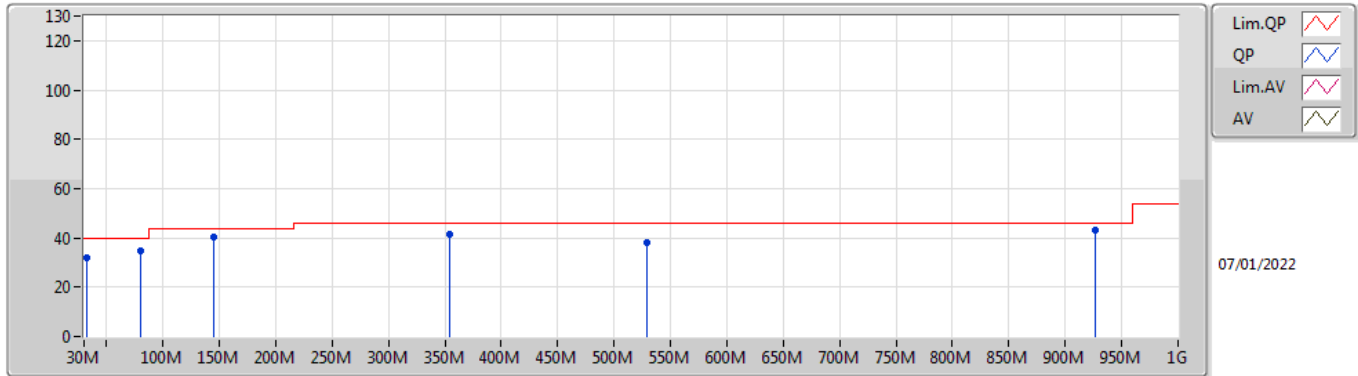
2437MHz_Test fixture



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	43.58M	32.52	40.00	-7.48	-10.69	3	Vertical	0	1.00	-	43.21	15.82	1.00	27.51
PK	99.84M	33.04	43.50	-10.46	-10.35	3	Vertical	0	1.00	-	43.39	16.00	1.42	27.77
PK	159.98M	37.10	43.50	-6.40	-10.53	3	Vertical	0	1.00	-	47.63	15.22	1.77	27.52
PK	260.86M	33.13	46.00	-12.87	-6.08	3	Vertical	0	1.00	-	39.21	18.75	2.20	27.03
PK	398.6M	41.62	46.00	-4.38	-4.12	3	Vertical	0	1.00	-	45.74	20.92	2.73	27.77
PK	561.56M	36.79	46.00	-9.21	-1.12	3	Vertical	0	1.00	-	37.91	24.00	3.23	28.35

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Test fixture



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	31.94M	32.15	40.00	-7.85	-3.99	3	Horizontal	360	1.00	-	36.14	22.18	0.88	27.05
PK	80.44M	34.68	40.00	-5.32	-14.39	3	Horizontal	360	1.00	-	49.07	12.16	1.30	27.85
PK	353.98M	41.44	46.00	-4.56	-5.06	3	Horizontal	360	1.00	-	46.50	19.74	2.57	27.37
PK	528.58M	38.33	46.00	-7.67	-2.40	3	Horizontal	360	1.00	-	40.73	22.79	3.14	28.33
PK	926.28M	42.90	46.00	-3.10	2.63	3	Horizontal	360	1.00	-	40.27	25.86	4.15	27.38
QP	144.46M	40.37	43.50	-3.13	-9.95	3	Horizontal	145	1.86	-	50.32	15.96	1.67	27.58



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)_2TX	Pass	AV	4.874G	52.31	54.00	-1.69	3	Vertical	16	1.61	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3896G	52.23	54.00	-1.77	3	Vertical	160	1.04	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	52.49	54.00	-1.51	3	Vertical	246	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.39G	52.40	54.00	-1.60	3	Vertical	302	1.00	-



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)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3862G	51.88	54.00	-2.12	3	Vertical	161	1.05	-
2412MHz	Pass	AV	2.4102G	112.13	Inf	-Inf	3	Vertical	161	1.05	-
2412MHz	Pass	PK	2.389G	61.17	74.00	-12.83	3	Vertical	161	1.05	-
2412MHz	Pass	PK	2.4136G	116.43	Inf	-Inf	3	Vertical	161	1.05	-
2412MHz	Pass	AV	2.386G	47.52	54.00	-6.48	3	Horizontal	0	1.16	-
2412MHz	Pass	AV	2.4102G	101.48	Inf	-Inf	3	Horizontal	0	1.16	-
2412MHz	Pass	PK	2.3678G	59.69	74.00	-14.31	3	Horizontal	0	1.16	-
2412MHz	Pass	PK	2.411G	105.47	Inf	-Inf	3	Horizontal	0	1.16	-
2412MHz	Pass	AV	4.824G	43.60	54.00	-10.40	3	Vertical	16	1.50	-
2412MHz	Pass	PK	4.82412G	48.34	74.00	-25.66	3	Vertical	16	1.50	-
2412MHz	Pass	AV	4.824G	32.07	54.00	-21.93	3	Horizontal	304	1.12	-
2412MHz	Pass	PK	4.83296G	44.25	74.00	-29.75	3	Horizontal	304	1.12	-
2417MHz	Pass	AV	2.3896G	52.00	54.00	-2.00	3	Vertical	332	1.00	-
2417MHz	Pass	AV	2.4152G	111.30	Inf	-Inf	3	Vertical	332	1.00	-
2417MHz	Pass	PK	2.38G	61.86	74.00	-12.14	3	Vertical	332	1.00	-
2417MHz	Pass	PK	2.4154G	115.64	Inf	-Inf	3	Vertical	332	1.00	-
2417MHz	Pass	AV	2.3808G	47.42	54.00	-6.58	3	Horizontal	66	1.00	-
2417MHz	Pass	AV	2.4152G	100.09	Inf	-Inf	3	Horizontal	66	1.00	-
2417MHz	Pass	PK	2.3778G	59.90	74.00	-14.10	3	Horizontal	66	1.00	-
2417MHz	Pass	PK	2.4196G	104.37	Inf	-Inf	3	Horizontal	66	1.00	-
2437MHz	Pass	AV	2.389G	49.43	54.00	-4.57	3	Vertical	342	1.50	-
2437MHz	Pass	AV	2.435G	108.64	Inf	-Inf	3	Vertical	342	1.50	-
2437MHz	Pass	AV	2.4846G	47.76	54.00	-6.24	3	Vertical	342	1.50	-
2437MHz	Pass	PK	2.3898G	60.09	74.00	-13.91	3	Vertical	342	1.50	-
2437MHz	Pass	PK	2.4346G	112.34	Inf	-Inf	3	Vertical	342	1.50	-
2437MHz	Pass	PK	2.4922G	58.80	74.00	-15.20	3	Vertical	342	1.50	-
2437MHz	Pass	AV	2.3482G	47.40	54.00	-6.60	3	Horizontal	7	1.24	-
2437MHz	Pass	AV	2.4354G	98.06	Inf	-Inf	3	Horizontal	7	1.24	-
2437MHz	Pass	AV	2.4882G	46.99	54.00	-7.01	3	Horizontal	7	1.24	-
2437MHz	Pass	PK	2.3518G	60.19	74.00	-13.81	3	Horizontal	7	1.24	-
2437MHz	Pass	PK	2.435G	102.24	Inf	-Inf	3	Horizontal	7	1.24	-
2437MHz	Pass	PK	2.4838G	59.10	74.00	-14.90	3	Horizontal	7	1.24	-
2437MHz	Pass	AV	4.874G	52.31	54.00	-1.69	3	Vertical	16	1.61	-
2437MHz	Pass	PK	4.87408G	54.39	74.00	-19.61	3	Vertical	16	1.61	-
2437MHz	Pass	AV	4.87396G	37.84	54.00	-16.16	3	Horizontal	162	1.17	-
2437MHz	Pass	PK	4.87404G	45.52	74.00	-28.48	3	Horizontal	162	1.17	-
2457MHz	Pass	AV	2.4588G	108.42	Inf	-Inf	3	Vertical	159	1.27	-
2457MHz	Pass	AV	2.4835G	49.90	54.00	-4.10	3	Vertical	159	1.27	-
2457MHz	Pass	PK	2.4596G	112.63	Inf	-Inf	3	Vertical	159	1.27	-
2457MHz	Pass	PK	2.4848G	60.65	74.00	-13.35	3	Vertical	159	1.27	-
2457MHz	Pass	AV	2.4552G	99.91	Inf	-Inf	3	Horizontal	74	1.18	-
2457MHz	Pass	AV	2.4848G	47.03	54.00	-6.97	3	Horizontal	74	1.18	-
2457MHz	Pass	PK	2.4556G	104.25	Inf	-Inf	3	Horizontal	74	1.18	-
2457MHz	Pass	PK	2.497G	58.54	74.00	-15.46	3	Horizontal	74	1.18	-
2462MHz	Pass	AV	2.4602G	109.20	Inf	-Inf	3	Vertical	153	1.58	-
2462MHz	Pass	AV	2.4878G	51.98	54.00	-2.02	3	Vertical	153	1.58	-
2462MHz	Pass	PK	2.4636G	114.16	Inf	-Inf	3	Vertical	153	1.58	-
2462MHz	Pass	PK	2.4876G	61.67	74.00	-12.33	3	Vertical	153	1.58	-
2462MHz	Pass	AV	2.4638G	103.18	Inf	-Inf	3	Horizontal	203	2.70	-
2462MHz	Pass	AV	2.4876G	48.05	54.00	-5.95	3	Horizontal	203	2.70	-
2462MHz	Pass	PK	2.464G	107.35	Inf	-Inf	3	Horizontal	203	2.70	-
2462MHz	Pass	PK	2.4888G	58.87	74.00	-15.13	3	Horizontal	203	2.70	-
2462MHz	Pass	AV	4.92396G	47.18	54.00	-6.82	3	Vertical	40	1.84	-
2462MHz	Pass	PK	4.92396G	50.74	74.00	-23.26	3	Vertical	40	1.84	-
2462MHz	Pass	AV	4.92397G	33.68	54.00	-20.32	3	Horizontal	182	1.64	-
2462MHz	Pass	PK	4.92408G	45.22	74.00	-28.78	3	Horizontal	182	1.64	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	52.23	54.00	-1.77	3	Vertical	160	1.04	-
2412MHz	Pass	AV	2.4096G	104.08	Inf	-Inf	3	Vertical	160	1.04	-
2412MHz	Pass	PK	2.3888G	72.17	74.00	-1.83	3	Vertical	160	1.04	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4096G	113.42	Inf	-Inf	3	Vertical	160	1.04	-
2412MHz	Pass	AV	2.39G	49.01	54.00	-4.99	3	Horizontal	6	1.00	-
2412MHz	Pass	AV	2.4096G	94.48	Inf	-Inf	3	Horizontal	6	1.00	-
2412MHz	Pass	PK	2.3892G	65.61	74.00	-8.39	3	Horizontal	6	1.00	-
2412MHz	Pass	PK	2.4146G	104.06	Inf	-Inf	3	Horizontal	6	1.00	-
2412MHz	Pass	AV	4.81608G	30.91	54.00	-23.09	3	Vertical	315	1.50	-
2412MHz	Pass	PK	4.8244G	43.58	74.00	-30.42	3	Vertical	315	1.50	-
2412MHz	Pass	AV	4.83112G	29.86	54.00	-24.14	3	Horizontal	60	3.00	-
2412MHz	Pass	PK	4.83088G	43.40	74.00	-30.60	3	Horizontal	60	3.00	-
2417MHz	Pass	AV	2.39G	52.20	54.00	-1.80	3	Vertical	335	1.04	-
2417MHz	Pass	AV	2.4112G	103.89	Inf	-Inf	3	Vertical	335	1.04	-
2417MHz	Pass	PK	2.3898G	70.78	74.00	-3.22	3	Vertical	335	1.04	-
2417MHz	Pass	PK	2.4114G	113.71	Inf	-Inf	3	Vertical	335	1.04	-
2417MHz	Pass	AV	2.39G	48.53	54.00	-5.47	3	Horizontal	3	1.00	-
2417MHz	Pass	AV	2.4222G	94.48	Inf	-Inf	3	Horizontal	3	1.00	-
2417MHz	Pass	PK	2.39G	62.86	74.00	-11.14	3	Horizontal	3	1.00	-
2417MHz	Pass	PK	2.4218G	104.33	Inf	-Inf	3	Horizontal	3	1.00	-
2437MHz	Pass	AV	2.3894G	49.36	54.00	-4.64	3	Vertical	344	1.50	-
2437MHz	Pass	AV	2.4346G	106.91	Inf	-Inf	3	Vertical	344	1.50	-
2437MHz	Pass	AV	2.485G	48.73	54.00	-5.27	3	Vertical	344	1.50	-
2437MHz	Pass	PK	2.3886G	71.52	74.00	-2.48	3	Vertical	344	1.50	-
2437MHz	Pass	PK	2.4346G	116.73	Inf	-Inf	3	Vertical	344	1.50	-
2437MHz	Pass	PK	2.4835G	67.64	74.00	-6.36	3	Vertical	344	1.50	-
2437MHz	Pass	AV	2.389G	47.48	54.00	-6.52	3	Horizontal	6	1.56	-
2437MHz	Pass	AV	2.4394G	97.29	Inf	-Inf	3	Horizontal	6	1.56	-
2437MHz	Pass	AV	2.4842G	47.04	54.00	-6.96	3	Horizontal	6	1.56	-
2437MHz	Pass	PK	2.3886G	63.72	74.00	-10.28	3	Horizontal	6	1.56	-
2437MHz	Pass	PK	2.4394G	107.12	Inf	-Inf	3	Horizontal	6	1.56	-
2437MHz	Pass	PK	2.4835G	61.84	74.00	-12.16	3	Horizontal	6	1.56	-
2437MHz	Pass	AV	4.87392G	35.17	54.00	-18.83	3	Vertical	16	1.61	-
2437MHz	Pass	PK	4.87632G	49.63	74.00	-24.37	3	Vertical	16	1.61	-
2437MHz	Pass	AV	4.87816G	30.23	54.00	-23.77	3	Horizontal	165	1.43	-
2437MHz	Pass	PK	4.88184G	43.95	74.00	-30.05	3	Horizontal	165	1.43	-
2457MHz	Pass	AV	2.4546G	104.45	Inf	-Inf	3	Vertical	172	1.50	-
2457MHz	Pass	AV	2.4844G	51.34	54.00	-2.66	3	Vertical	172	1.50	-
2457MHz	Pass	PK	2.4546G	114.23	Inf	-Inf	3	Vertical	172	1.50	-
2457MHz	Pass	PK	2.484G	68.20	74.00	-5.80	3	Vertical	172	1.50	-
2457MHz	Pass	AV	2.456G	94.78	Inf	-Inf	3	Horizontal	360	1.00	-
2457MHz	Pass	AV	2.4852G	47.58	54.00	-6.42	3	Horizontal	360	1.00	-
2457MHz	Pass	PK	2.4558G	104.56	Inf	-Inf	3	Horizontal	360	1.00	-
2457MHz	Pass	PK	2.486G	61.02	74.00	-12.98	3	Horizontal	360	1.00	-
2462MHz	Pass	AV	2.4684G	103.80	Inf	-Inf	3	Vertical	155	1.59	-
2462MHz	Pass	AV	2.4835G	51.99	54.00	-2.01	3	Vertical	155	1.59	-
2462MHz	Pass	PK	2.4684G	113.44	Inf	-Inf	3	Vertical	155	1.59	-
2462MHz	Pass	PK	2.4836G	68.24	74.00	-5.76	3	Vertical	155	1.59	-
2462MHz	Pass	AV	2.4682G	93.95	Inf	-Inf	3	Horizontal	2	1.20	-
2462MHz	Pass	AV	2.4835G	48.25	54.00	-5.75	3	Horizontal	2	1.20	-
2462MHz	Pass	PK	2.4682G	103.87	Inf	-Inf	3	Horizontal	2	1.20	-
2462MHz	Pass	PK	2.484G	60.79	74.00	-13.21	3	Horizontal	2	1.20	-
2462MHz	Pass	AV	4.92416G	33.48	54.00	-20.52	3	Vertical	17	1.50	-
2462MHz	Pass	PK	4.9244G	47.47	74.00	-26.53	3	Vertical	17	1.50	-
2462MHz	Pass	AV	4.91352G	30.16	54.00	-23.84	3	Horizontal	181	1.50	-
2462MHz	Pass	PK	4.92488G	45.08	74.00	-28.92	3	Horizontal	181	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.49	54.00	-1.51	3	Vertical	246	1.50	-
2412MHz	Pass	AV	2.4152G	99.69	Inf	-Inf	3	Vertical	246	1.50	-
2412MHz	Pass	PK	2.3896G	69.55	74.00	-4.45	3	Vertical	246	1.50	-
2412MHz	Pass	PK	2.4172G	113.32	Inf	-Inf	3	Vertical	246	1.50	-
2412MHz	Pass	AV	2.39G	52.14	54.00	-1.86	3	Horizontal	207	2.05	-
2412MHz	Pass	AV	2.4076G	94.65	Inf	-Inf	3	Horizontal	207	2.05	-
2412MHz	Pass	PK	2.39G	68.26	74.00	-5.74	3	Horizontal	207	2.05	-
2412MHz	Pass	PK	2.4068G	108.25	Inf	-Inf	3	Horizontal	207	2.05	-



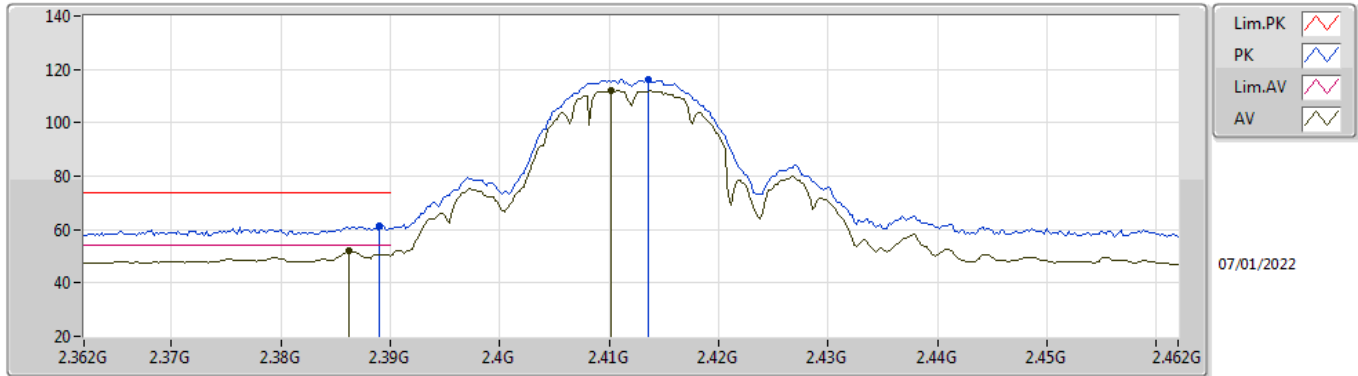
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.82338G	30.15	54.00	-23.85	3	Vertical	202	1.33	-
2412MHz	Pass	PK	4.82525G	45.10	74.00	-28.90	3	Vertical	202	1.33	-
2412MHz	Pass	AV	4.82306G	29.60	54.00	-24.40	3	Horizontal	43	1.33	-
2412MHz	Pass	PK	4.82381G	43.63	74.00	-30.37	3	Horizontal	43	1.33	-
2417MHz	Pass	AV	2.39G	52.47	54.00	-1.53	3	Vertical	246	1.48	-
2417MHz	Pass	AV	2.4188G	98.70	Inf	-Inf	3	Vertical	246	1.48	-
2417MHz	Pass	PK	2.3888G	70.49	74.00	-3.51	3	Vertical	246	1.48	-
2417MHz	Pass	PK	2.418G	112.59	Inf	-Inf	3	Vertical	246	1.48	-
2417MHz	Pass	AV	2.39G	48.55	54.00	-5.45	3	Horizontal	205	2.07	-
2417MHz	Pass	AV	2.4126G	94.29	Inf	-Inf	3	Horizontal	205	2.07	-
2417MHz	Pass	PK	2.3866G	63.81	74.00	-10.19	3	Horizontal	205	2.07	-
2417MHz	Pass	PK	2.4118G	107.92	Inf	-Inf	3	Horizontal	205	2.07	-
2437MHz	Pass	AV	2.3898G	50.56	54.00	-3.44	3	Vertical	344	1.49	-
2437MHz	Pass	AV	2.4342G	106.38	Inf	-Inf	3	Vertical	344	1.49	-
2437MHz	Pass	AV	2.4835G	49.37	54.00	-4.63	3	Vertical	344	1.49	-
2437MHz	Pass	PK	2.3886G	71.97	74.00	-2.03	3	Vertical	344	1.49	-
2437MHz	Pass	PK	2.4318G	120.06	Inf	-Inf	3	Vertical	344	1.49	-
2437MHz	Pass	PK	2.4846G	70.78	74.00	-3.22	3	Vertical	344	1.49	-
2437MHz	Pass	AV	2.3894G	47.62	54.00	-6.38	3	Horizontal	7	1.58	-
2437MHz	Pass	AV	2.4402G	96.38	Inf	-Inf	3	Horizontal	7	1.58	-
2437MHz	Pass	AV	2.4858G	47.18	54.00	-6.82	3	Horizontal	7	1.58	-
2437MHz	Pass	PK	2.389G	62.89	74.00	-11.11	3	Horizontal	7	1.58	-
2437MHz	Pass	PK	2.4394G	109.74	Inf	-Inf	3	Horizontal	7	1.58	-
2437MHz	Pass	PK	2.4878G	61.55	74.00	-12.45	3	Horizontal	7	1.58	-
2437MHz	Pass	AV	4.87704G	34.61	54.00	-19.39	3	Vertical	17	1.50	-
2437MHz	Pass	PK	4.87656G	49.64	74.00	-24.36	3	Vertical	17	1.50	-
2437MHz	Pass	AV	4.87904G	30.08	54.00	-23.92	3	Horizontal	167	2.62	-
2437MHz	Pass	PK	4.8812G	44.43	74.00	-29.57	3	Horizontal	167	2.62	-
2457MHz	Pass	AV	2.4554G	103.36	Inf	-Inf	3	Vertical	301	1.27	-
2457MHz	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Vertical	301	1.27	-
2457MHz	Pass	PK	2.4578G	117.07	Inf	-Inf	3	Vertical	301	1.27	-
2457MHz	Pass	PK	2.4854G	71.45	74.00	-2.55	3	Vertical	301	1.27	-
2457MHz	Pass	AV	2.4602G	96.51	Inf	-Inf	3	Horizontal	167	2.98	-
2457MHz	Pass	AV	2.4835G	49.50	54.00	-4.50	3	Horizontal	167	2.98	-
2457MHz	Pass	PK	2.458G	110.18	Inf	-Inf	3	Horizontal	167	2.98	-
2457MHz	Pass	PK	2.4856G	66.38	74.00	-7.62	3	Horizontal	167	2.98	-
2462MHz	Pass	AV	2.3862G	51.88	54.00	-2.12	3	Vertical	161	1.05	-
2462MHz	Pass	AV	2.4102G	112.13	Inf	-Inf	3	Vertical	161	1.05	-
2462MHz	Pass	PK	2.389G	61.17	74.00	-12.83	3	Vertical	161	1.05	-
2462MHz	Pass	PK	2.4136G	116.43	Inf	-Inf	3	Vertical	161	1.05	-
2462MHz	Pass	AV	2.386G	47.52	54.00	-6.48	3	Horizontal	0	1.16	-
2462MHz	Pass	AV	2.4102G	101.48	Inf	-Inf	3	Horizontal	0	1.16	-
2462MHz	Pass	PK	2.3678G	59.69	74.00	-14.31	3	Horizontal	0	1.16	-
2462MHz	Pass	PK	2.411G	105.47	Inf	-Inf	3	Horizontal	0	1.16	-
2462MHz	Pass	AV	4.824G	43.60	54.00	-10.40	3	Vertical	16	1.50	-
2462MHz	Pass	PK	4.82412G	48.34	74.00	-25.66	3	Vertical	16	1.50	-
2462MHz	Pass	AV	4.824G	32.07	54.00	-21.93	3	Horizontal	304	1.12	-
2462MHz	Pass	PK	4.83296G	44.25	74.00	-29.75	3	Horizontal	304	1.12	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.40	54.00	-1.60	3	Vertical	302	1.00	-
2422MHz	Pass	AV	2.4228G	97.56	Inf	-Inf	3	Vertical	302	1.00	-
2422MHz	Pass	AV	2.4856G	47.13	54.00	-6.87	3	Vertical	302	1.00	-
2422MHz	Pass	PK	2.386G	66.11	74.00	-7.89	3	Vertical	302	1.00	-
2422MHz	Pass	PK	2.4212G	110.92	Inf	-Inf	3	Vertical	302	1.00	-
2422MHz	Pass	PK	2.4892G	59.93	74.00	-14.07	3	Vertical	302	1.00	-
2422MHz	Pass	AV	2.39G	47.66	54.00	-6.34	3	Horizontal	270	1.50	-
2422MHz	Pass	AV	2.4196G	86.35	Inf	-Inf	3	Horizontal	270	1.50	-
2422MHz	Pass	AV	2.4984G	46.75	54.00	-7.25	3	Horizontal	270	1.50	-
2422MHz	Pass	PK	2.3824G	60.03	74.00	-13.97	3	Horizontal	270	1.50	-
2422MHz	Pass	PK	2.4192G	99.35	Inf	-Inf	3	Horizontal	270	1.50	-
2422MHz	Pass	PK	2.4956G	59.10	74.00	-14.90	3	Horizontal	270	1.50	-
2422MHz	Pass	AV	4.83424G	29.86	54.00	-24.14	3	Vertical	277	1.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	4.8404G	43.55	74.00	-30.45	3	Vertical	277	1.50	-
2422MHz	Pass	AV	4.83168G	29.86	54.00	-24.14	3	Horizontal	232	1.01	-
2422MHz	Pass	PK	4.83592G	43.97	74.00	-30.03	3	Horizontal	232	1.01	-
2437MHz	Pass	AV	2.3898G	50.62	54.00	-3.38	3	Vertical	343	1.50	-
2437MHz	Pass	AV	2.4298G	97.63	Inf	-Inf	3	Vertical	343	1.50	-
2437MHz	Pass	AV	2.4838G	52.01	54.00	-1.99	3	Vertical	343	1.50	-
2437MHz	Pass	PK	2.389G	64.03	74.00	-9.97	3	Vertical	343	1.50	-
2437MHz	Pass	PK	2.4322G	111.12	Inf	-Inf	3	Vertical	343	1.50	-
2437MHz	Pass	PK	2.4858G	67.38	74.00	-6.62	3	Vertical	343	1.50	-
2437MHz	Pass	AV	2.3898G	47.79	54.00	-6.21	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	2.423G	87.93	Inf	-Inf	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	2.4835G	47.95	54.00	-6.05	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.387G	60.06	74.00	-13.94	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.4242G	101.28	Inf	-Inf	3	Horizontal	6	1.00	-
2437MHz	Pass	PK	2.4835G	60.36	74.00	-13.64	3	Horizontal	6	1.00	-
2437MHz	Pass	AV	4.87704G	29.93	54.00	-24.07	3	Vertical	55	1.50	-
2437MHz	Pass	PK	4.88344G	44.41	74.00	-29.59	3	Vertical	55	1.50	-
2437MHz	Pass	AV	4.87688G	29.91	54.00	-24.09	3	Horizontal	140	2.20	-
2437MHz	Pass	PK	4.85488G	43.61	74.00	-30.39	3	Horizontal	140	2.20	-
2452MHz	Pass	AV	2.388G	47.69	54.00	-6.31	3	Vertical	343	1.50	-
2452MHz	Pass	AV	2.4368G	97.13	Inf	-Inf	3	Vertical	343	1.50	-
2452MHz	Pass	AV	2.4892G	52.03	54.00	-1.97	3	Vertical	343	1.50	-
2452MHz	Pass	PK	2.3824G	59.35	74.00	-14.65	3	Vertical	343	1.50	-
2452MHz	Pass	PK	2.436G	109.97	Inf	-Inf	3	Vertical	343	1.50	-
2452MHz	Pass	PK	2.4912G	67.66	74.00	-6.34	3	Vertical	343	1.50	-
2452MHz	Pass	AV	2.3532G	47.25	54.00	-6.75	3	Horizontal	4	1.00	-
2452MHz	Pass	AV	2.4668G	87.19	Inf	-Inf	3	Horizontal	4	1.00	-
2452MHz	Pass	AV	2.4888G	47.84	54.00	-6.16	3	Horizontal	4	1.00	-
2452MHz	Pass	PK	2.3736G	59.52	74.00	-14.48	3	Horizontal	4	1.00	-
2452MHz	Pass	PK	2.4608G	100.83	Inf	-Inf	3	Horizontal	4	1.00	-
2452MHz	Pass	PK	2.4835G	59.88	74.00	-14.12	3	Horizontal	4	1.00	-
2452MHz	Pass	AV	4.9128G	30.45	54.00	-23.55	3	Vertical	352	1.50	-
2452MHz	Pass	PK	4.9008G	43.90	74.00	-30.10	3	Vertical	352	1.50	-
2452MHz	Pass	AV	4.9124G	30.15	54.00	-23.85	3	Horizontal	81	1.38	-
2452MHz	Pass	PK	4.91472G	43.64	74.00	-30.36	3	Horizontal	81	1.38	-

802.11b_Nss1,(1Mbps)_2TX

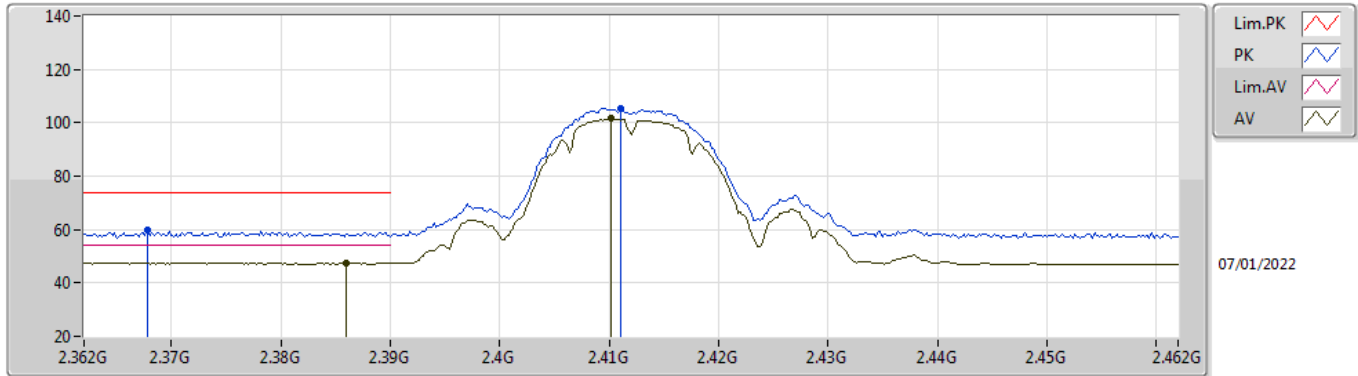
2412MHz_TX



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	2.3862G	51.88	54.00	-2.12	34.98	3	Vertical	161	1.05	-	16.90	27.73	7.25	-
AV	2.4102G	112.13	Inf	-Inf	34.91	3	Vertical	161	1.05	-	77.22	27.64	7.27	-
PK	2.389G	61.17	74.00	-12.83	34.98	3	Vertical	161	1.05	-	26.19	27.72	7.26	-
PK	2.4136G	116.43	Inf	-Inf	34.89	3	Vertical	161	1.05	-	81.54	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

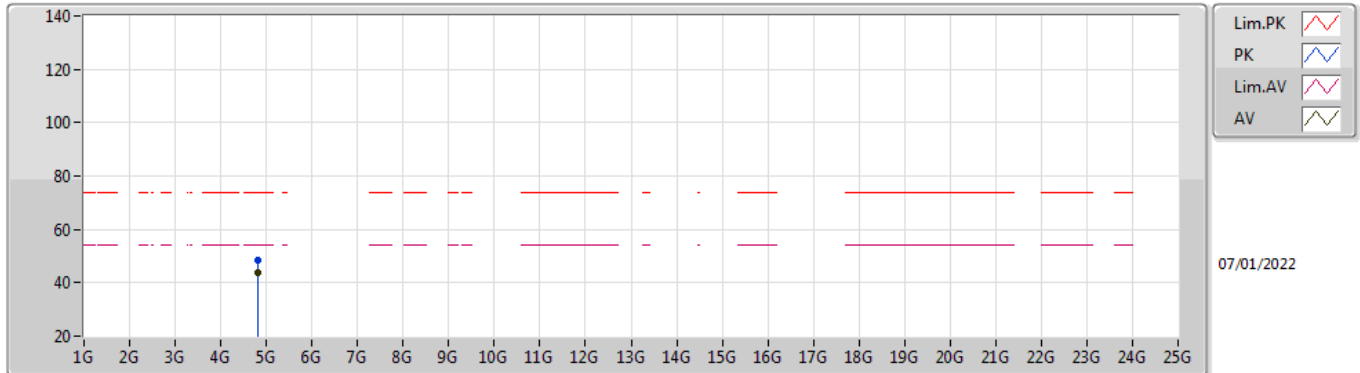
2412MHz_TX



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	2.386G	47.52	54.00	-6.48	34.98	3	Horizontal	0	1.16	-	12.54	27.73	7.25	-
AV	2.4102G	101.48	Inf	-Inf	34.91	3	Horizontal	0	1.16	-	66.57	27.64	7.27	-
PK	2.3678G	59.69	74.00	-14.31	35.01	3	Horizontal	0	1.16	-	24.68	27.76	7.25	-
PK	2.411G	105.47	Inf	-Inf	34.90	3	Horizontal	0	1.16	-	70.57	27.63	7.27	-

802.11b_Nss1,(1Mbps)_2TX

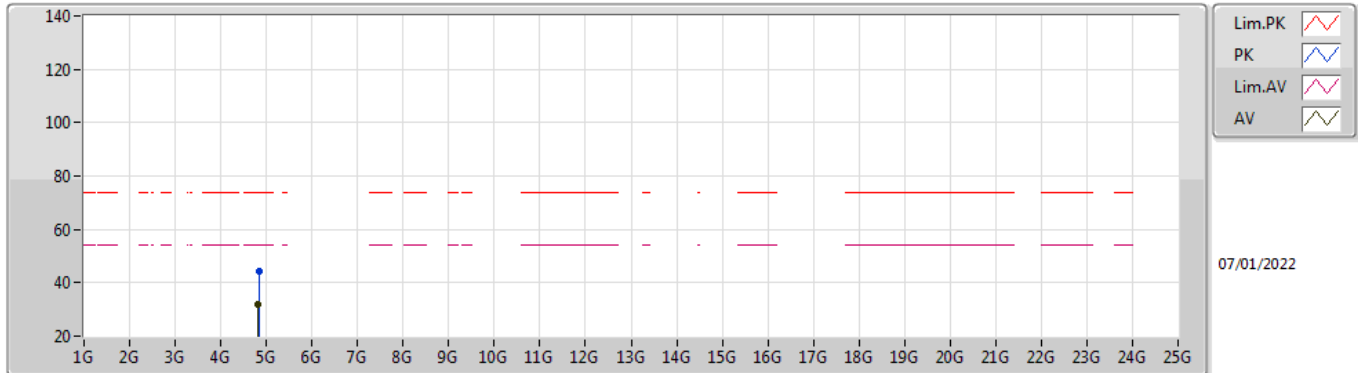
2412MHz_TX



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	43.60	54.00	-10.40	5.89	3	Vertical	16	1.50	-	37.71	31.15	8.92	34.18
PK	4.82412G	48.34	74.00	-25.66	5.89	3	Vertical	16	1.50	-	42.45	31.15	8.92	34.18

802.11b_Nss1,(1Mbps)_2TX

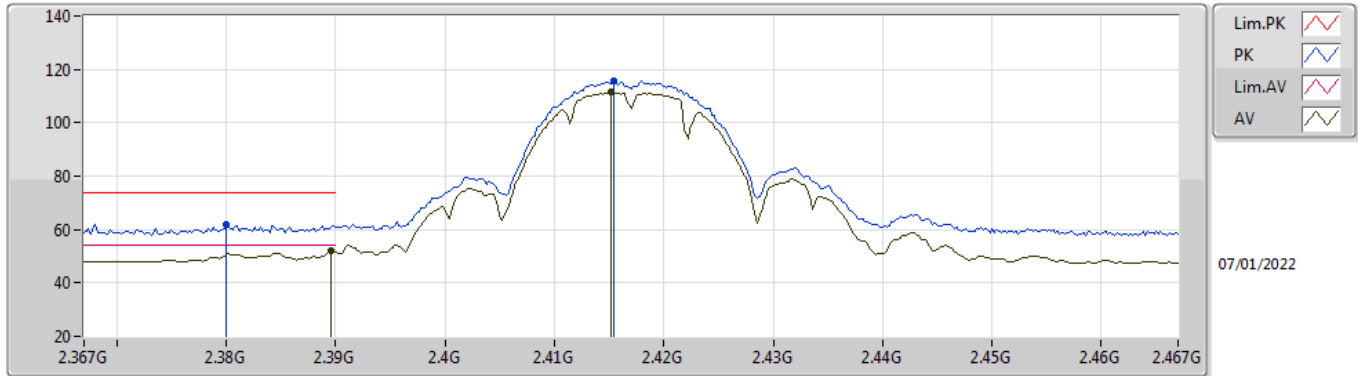
2412MHz_TX



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	32.07	54.00	-21.93	5.89	3	Horizontal	304	1.12	-	26.18	31.15	8.92	34.18
PK	4.83296G	44.25	74.00	-29.75	5.91	3	Horizontal	304	1.12	-	38.34	31.17	8.92	34.18

802.11b_Nss1,(1Mbps)_2TX

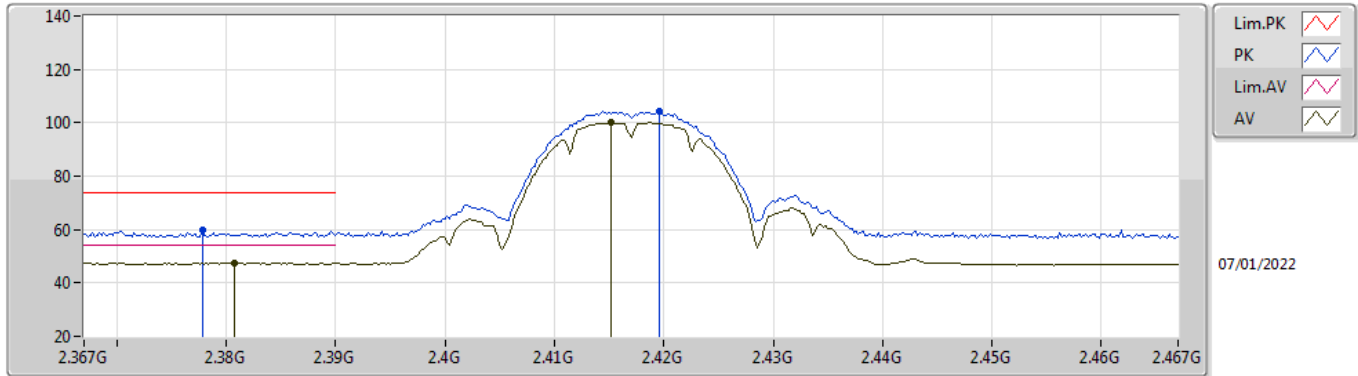
2417MHz_TX



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	2.3896G	52.00	54.00	-2.00	34.98	3	Vertical	332	1.00	-	17.02	27.72	7.26	-
AV	2.4152G	111.30	Inf	-Inf	34.88	3	Vertical	332	1.00	-	76.42	27.61	7.27	-
PK	2.38G	61.86	74.00	-12.14	34.99	3	Vertical	332	1.00	-	26.87	27.74	7.25	-
PK	2.4154G	115.64	Inf	-Inf	34.88	3	Vertical	332	1.00	-	80.76	27.61	7.27	-

802.11b_Nss1,(1Mbps)_2TX

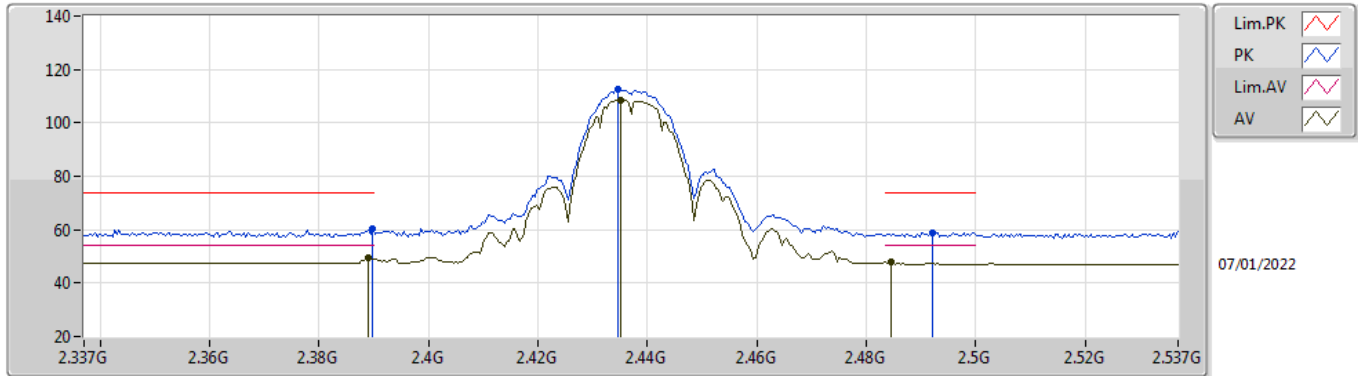
2417MHz_TX



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	2.3808G	47.42	54.00	-6.58	34.99	3	Horizontal	66	1.00	-	12.43	27.74	7.25	-
AV	2.4152G	100.09	Inf	-Inf	34.88	3	Horizontal	66	1.00	-	65.21	27.61	7.27	-
PK	2.3778G	59.90	74.00	-14.10	34.99	3	Horizontal	66	1.00	-	24.91	27.74	7.25	-
PK	2.4196G	104.37	Inf	-Inf	34.86	3	Horizontal	66	1.00	-	69.51	27.58	7.28	-

802.11b_Nss1,(1Mbps)_2TX

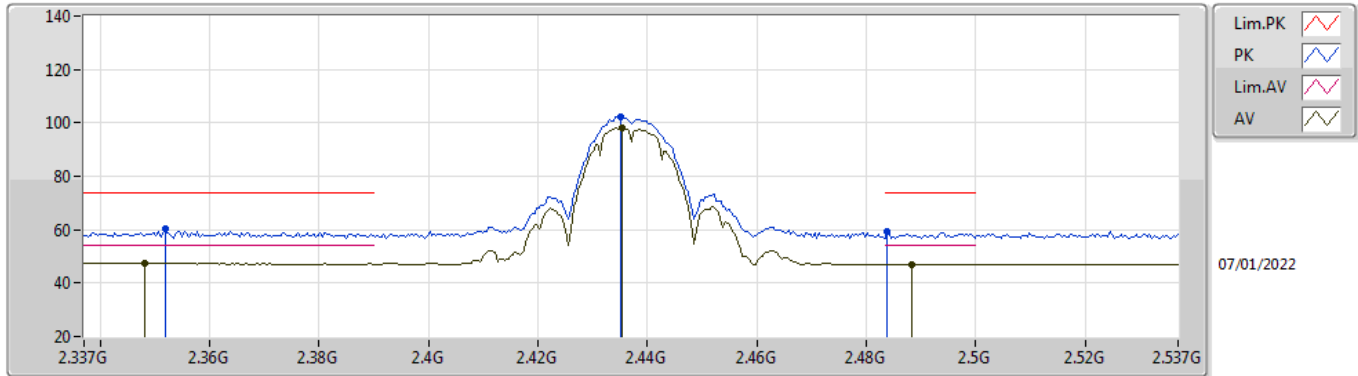
2437MHz_TX



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	2.389G	49.43	54.00	-4.57	34.98	3	Vertical	342	1.50	-	14.45	27.72	7.26	-
AV	2.435G	108.64	Inf	-Inf	34.78	3	Vertical	342	1.50	-	73.86	27.49	7.29	-
AV	2.4846G	47.76	54.00	-6.24	34.73	3	Vertical	342	1.50	-	13.03	27.40	7.33	-
PK	2.3898G	60.09	74.00	-13.91	34.98	3	Vertical	342	1.50	-	25.11	27.72	7.26	-
PK	2.4346G	112.34	Inf	-Inf	34.78	3	Vertical	342	1.50	-	77.56	27.49	7.29	-
PK	2.4922G	58.80	74.00	-15.20	34.73	3	Vertical	342	1.50	-	24.07	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

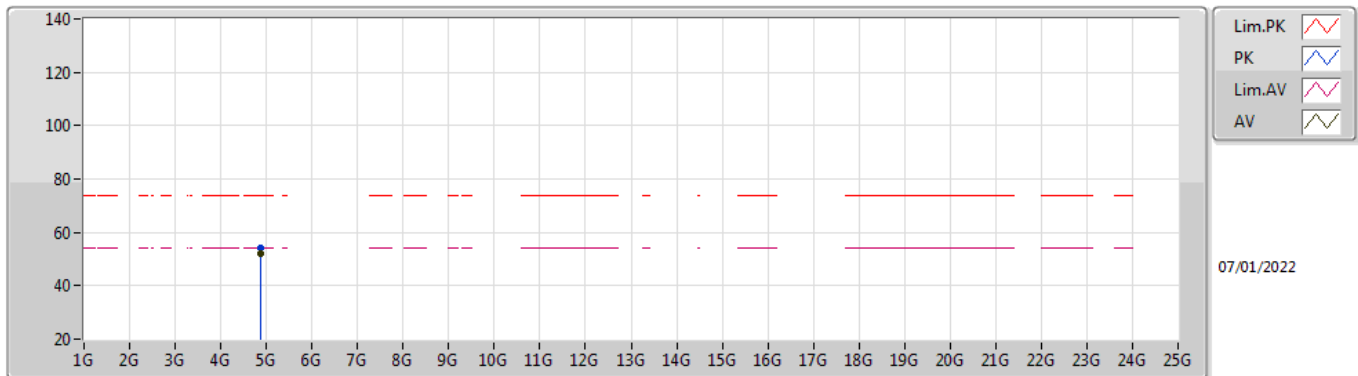
2437MHz_TX



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	2.3482G	47.40	54.00	-6.60	35.04	3	Horizontal	7	1.24	-	12.36	27.80	7.24	-
AV	2.4354G	98.06	Inf	-Inf	34.78	3	Horizontal	7	1.24	-	63.28	27.49	7.29	-
AV	2.4882G	46.99	54.00	-7.01	34.73	3	Horizontal	7	1.24	-	12.26	27.40	7.33	-
PK	2.3518G	60.19	74.00	-13.81	35.04	3	Horizontal	7	1.24	-	25.15	27.80	7.24	-
PK	2.435G	102.24	Inf	-Inf	34.78	3	Horizontal	7	1.24	-	67.46	27.49	7.29	-
PK	2.4838G	59.10	74.00	-14.90	34.73	3	Horizontal	7	1.24	-	24.37	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

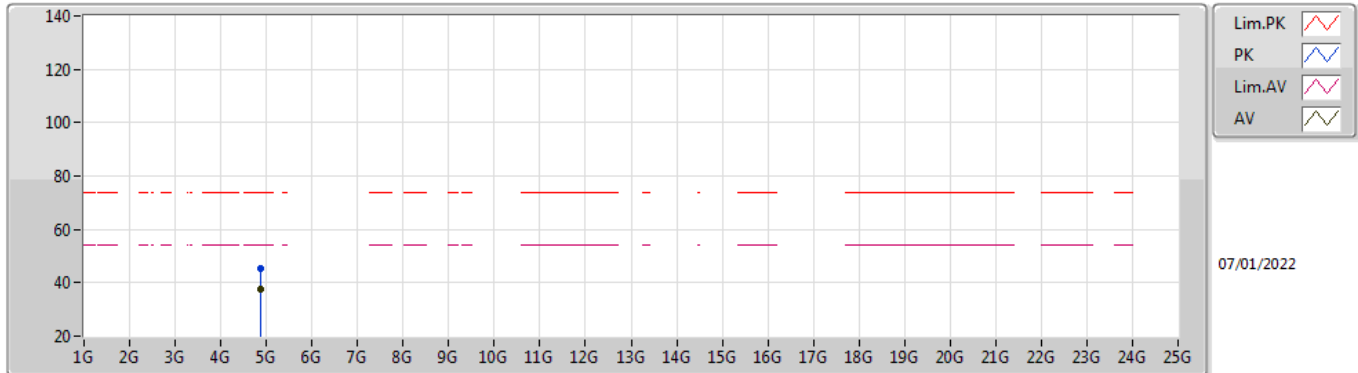
2437MHz_TX



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	52.31	54.00	-1.69	6.00	3	Vertical	16	1.61	-	46.31	31.20	8.96	34.16
PK	4.87408G	54.39	74.00	-19.61	6.00	3	Vertical	16	1.61	-	48.39	31.20	8.96	34.16

802.11b_Nss1,(1Mbps)_2TX

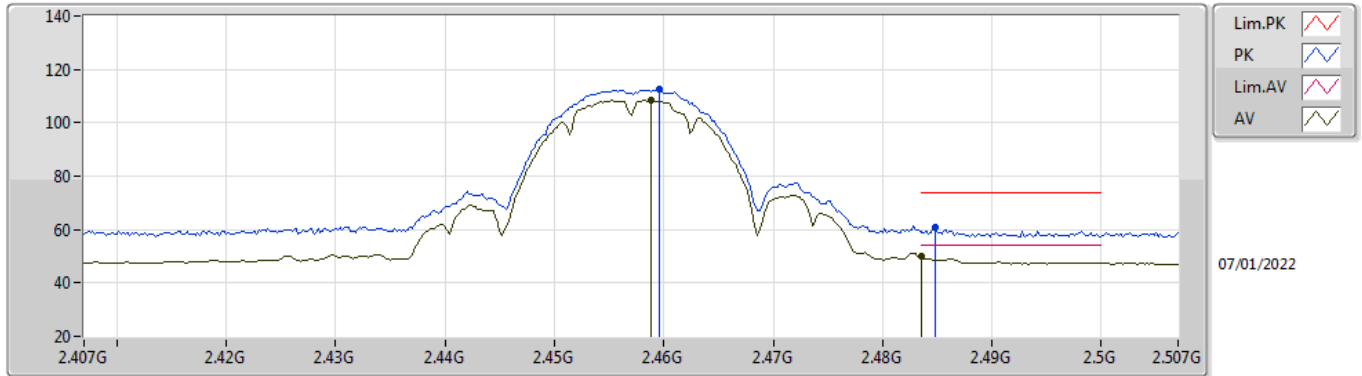
2437MHz_TX



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	4.87396G	37.84	54.00	-16.16	6.00	3	Horizontal	162	1.17	-	31.84	31.20	8.96	34.16
PK	4.87404G	45.52	74.00	-28.48	6.00	3	Horizontal	162	1.17	-	39.52	31.20	8.96	34.16

802.11b_Nss1,(1Mbps)_2TX

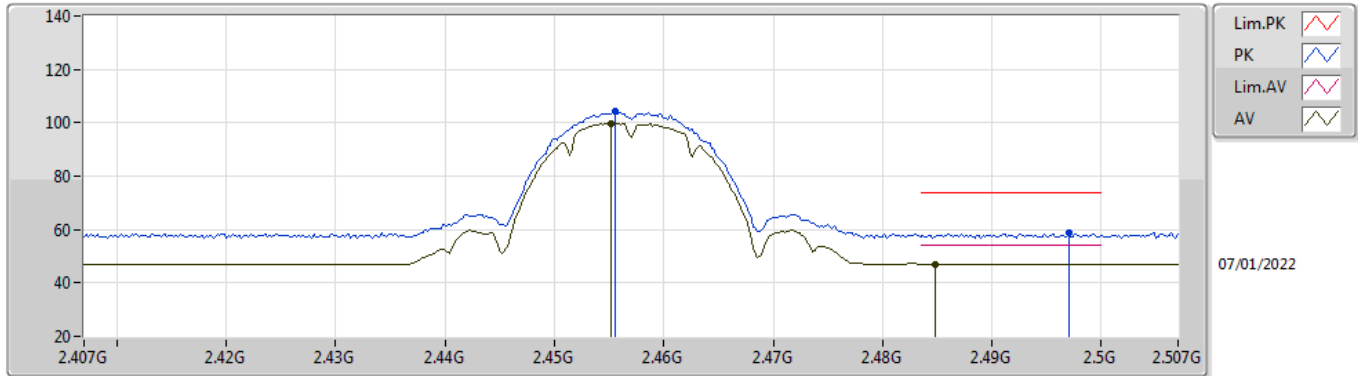
2457MHz_TX



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	2.4588G	108.42	Inf	-Inf	34.71	3	Vertical	159	1.27	-	73.71	27.40	7.31	-
AV	2.4835G	49.90	54.00	-4.10	34.73	3	Vertical	159	1.27	-	15.17	27.40	7.33	-
PK	2.4596G	112.63	Inf	-Inf	34.71	3	Vertical	159	1.27	-	77.92	27.40	7.31	-
PK	2.4848G	60.65	74.00	-13.35	34.73	3	Vertical	159	1.27	-	25.92	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

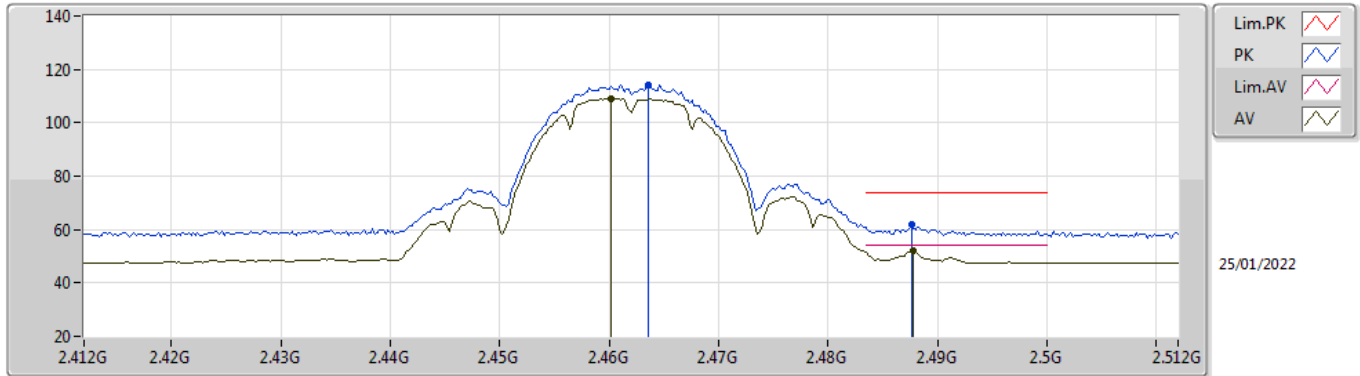
2457MHz_TX



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	2.4552G	99.91	Inf	-Inf	34.70	3	Horizontal	74	1.18	-	65.21	27.40	7.30	-
AV	2.4848G	47.03	54.00	-6.97	34.73	3	Horizontal	74	1.18	-	12.30	27.40	7.33	-
PK	2.4556G	104.25	Inf	-Inf	34.70	3	Horizontal	74	1.18	-	69.55	27.40	7.30	-
PK	2.497G	58.54	74.00	-15.46	34.74	3	Horizontal	74	1.18	-	23.80	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

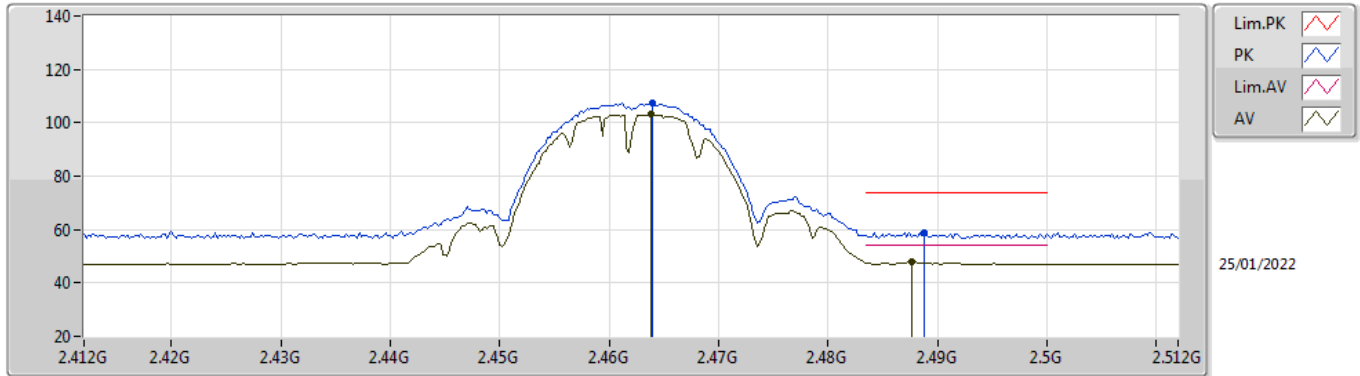
2462MHz_TX



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	2.4602G	109.20	Inf	-Inf	34.71	3	Vertical	153	1.58	-	74.49	27.40	7.31	-
AV	2.4878G	51.98	54.00	-2.02	34.73	3	Vertical	153	1.58	-	17.25	27.40	7.33	-
PK	2.4636G	114.16	Inf	-Inf	34.71	3	Vertical	153	1.58	-	79.45	27.40	7.31	-
PK	2.4876G	61.67	74.00	-12.33	34.73	3	Vertical	153	1.58	-	26.94	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

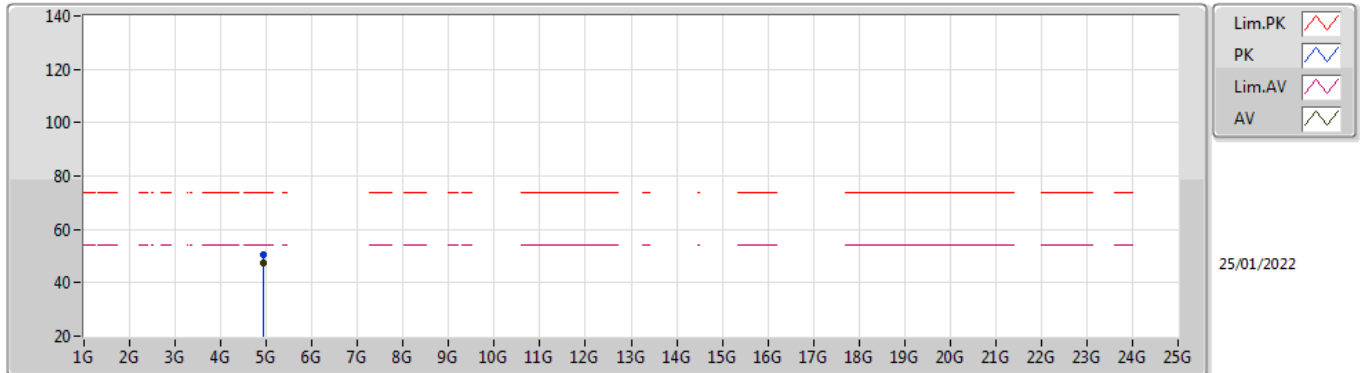
2462MHz_TX



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	2.4638G	103.18	Inf	-Inf	34.71	3	Horizontal	203	2.70	-	68.47	27.40	7.31	-
AV	2.4876G	48.05	54.00	-5.95	34.73	3	Horizontal	203	2.70	-	13.32	27.40	7.33	-
PK	2.464G	107.35	Inf	-Inf	34.71	3	Horizontal	203	2.70	-	72.64	27.40	7.31	-
PK	2.4888G	58.87	74.00	-15.13	34.73	3	Horizontal	203	2.70	-	24.14	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

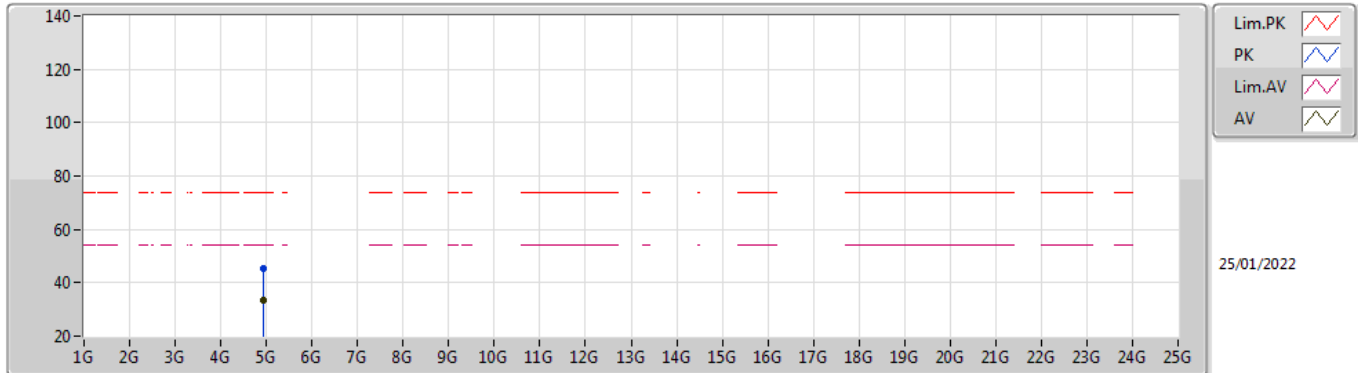
2462MHz_TX



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	4.92396G	47.18	54.00	-6.82	6.15	3	Vertical	40	1.84	-	41.03	31.30	8.99	34.14
PK	4.92396G	50.74	74.00	-23.26	6.15	3	Vertical	40	1.84	-	44.59	31.30	8.99	34.14

802.11b_Nss1,(1Mbps)_2TX

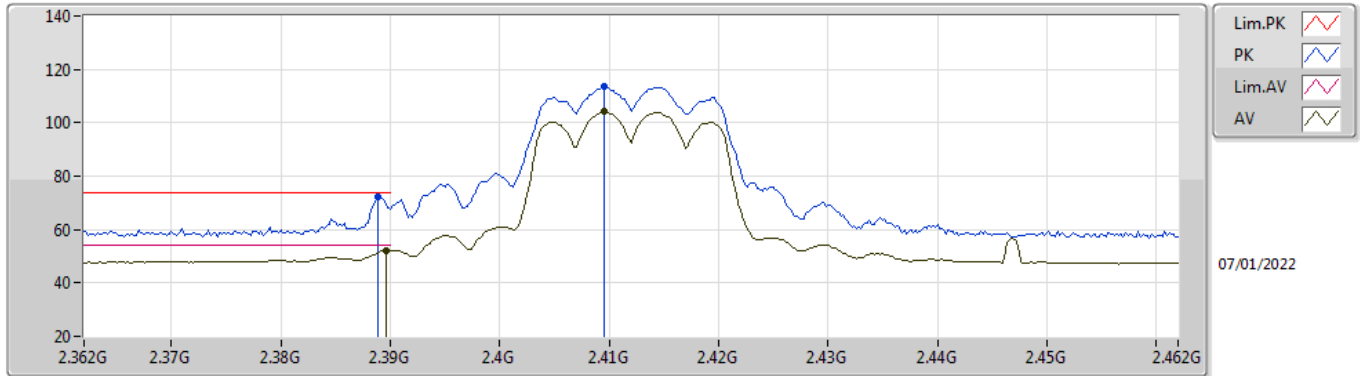
2462MHz_TX



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	4.92397G	33.68	54.00	-20.32	6.15	3	Horizontal	182	1.64	-	27.53	31.30	8.99	34.14
PK	4.92408G	45.22	74.00	-28.78	6.15	3	Horizontal	182	1.64	-	39.07	31.30	8.99	34.14

802.11g_Nss1,(6Mbps)_2TX

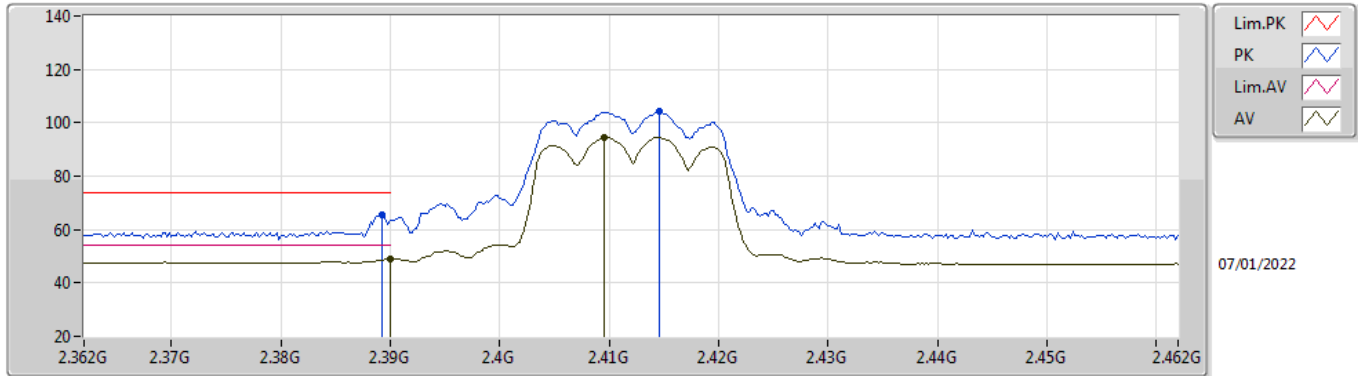
2412MHz_TX



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	2.3896G	52.23	54.00	-1.77	34.98	3	Vertical	160	1.04	-	17.25	27.72	7.26	-
AV	2.4096G	104.08	Inf	-Inf	34.91	3	Vertical	160	1.04	-	69.17	27.64	7.27	-
PK	2.3888G	72.17	74.00	-1.83	34.97	3	Vertical	160	1.04	-	37.20	27.72	7.25	-
PK	2.4096G	113.42	Inf	-Inf	34.91	3	Vertical	160	1.04	-	78.51	27.64	7.27	-

802.11g_Nss1,(6Mbps)_2TX

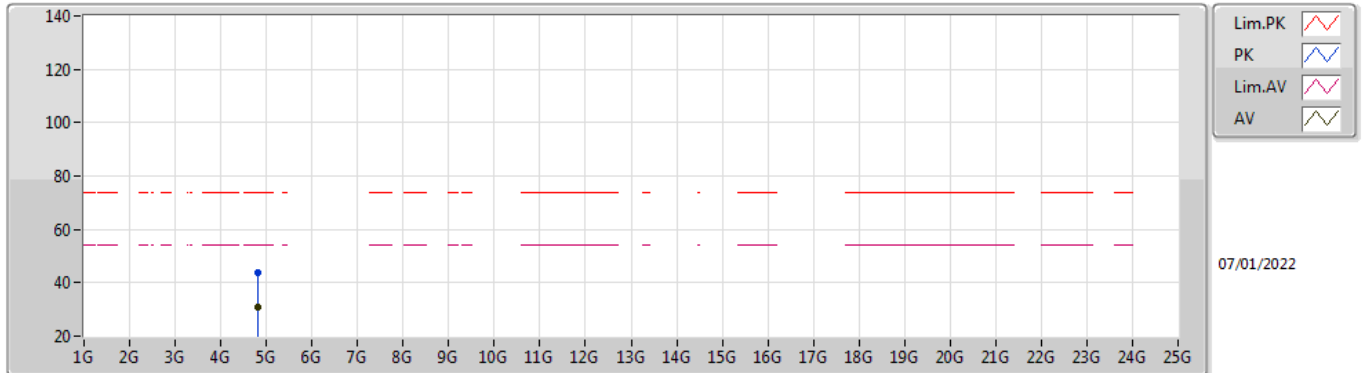
2412MHz_TX



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	2.39G	49.01	54.00	-4.99	34.98	3	Horizontal	6	1.00	-	14.03	27.72	7.26	-
AV	2.4096G	94.48	Inf	-Inf	34.91	3	Horizontal	6	1.00	-	59.57	27.64	7.27	-
PK	2.3892G	65.61	74.00	-8.39	34.98	3	Horizontal	6	1.00	-	30.63	27.72	7.26	-
PK	2.4146G	104.06	Inf	-Inf	34.88	3	Horizontal	6	1.00	-	69.18	27.61	7.27	-

802.11g_Nss1,(6Mbps)_2TX

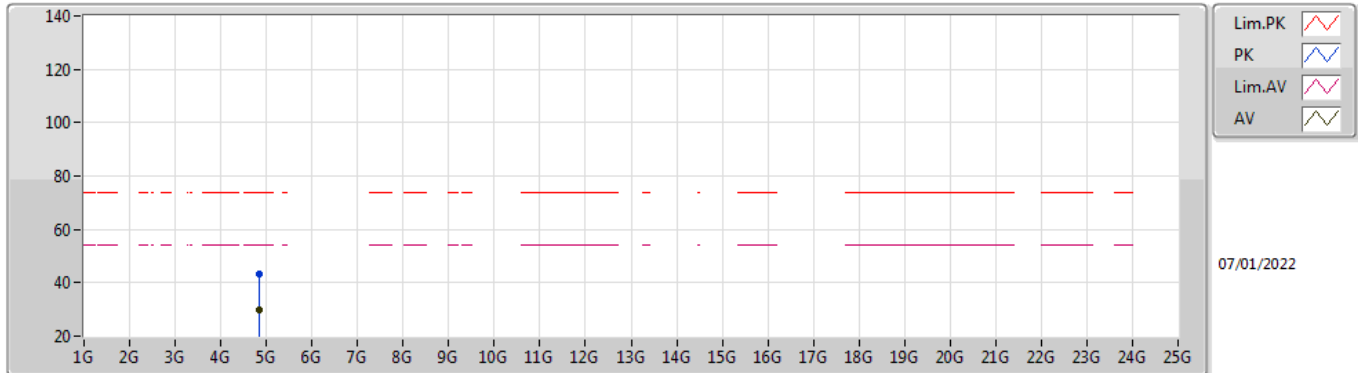
2412MHz_TX



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	4.81608G	30.91	54.00	-23.09	5.85	3	Vertical	315	1.50	-	25.06	31.13	8.91	34.19
PK	4.8244G	43.58	74.00	-30.42	5.89	3	Vertical	315	1.50	-	37.69	31.15	8.92	34.18

802.11g_Nss1,(6Mbps)_2TX

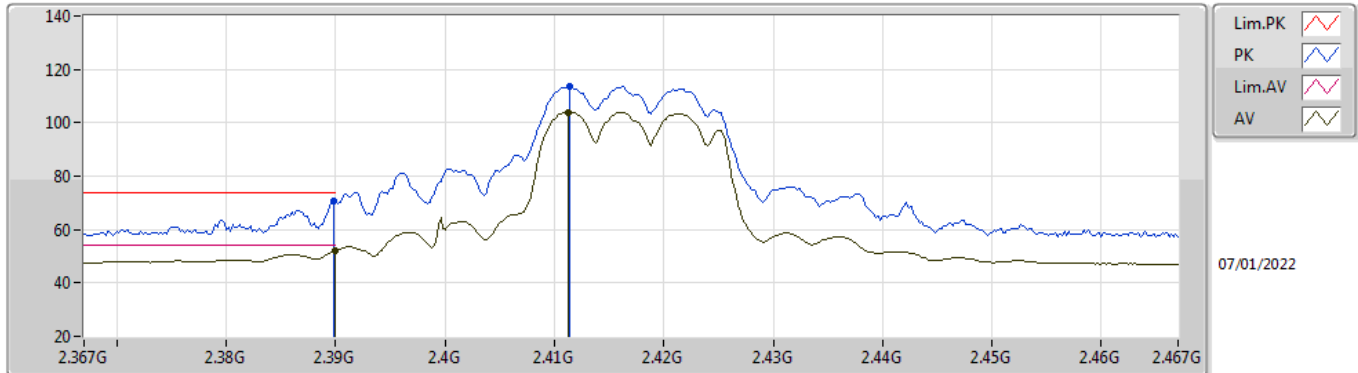
2412MHz_TX



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	4.83112G	29.86	54.00	-24.14	5.90	3	Horizontal	60	3.00	-	23.96	31.16	8.92	34.18
PK	4.83088G	43.40	74.00	-30.60	5.90	3	Horizontal	60	3.00	-	37.50	31.16	8.92	34.18

802.11g_Nss1,(6Mbps)_2TX

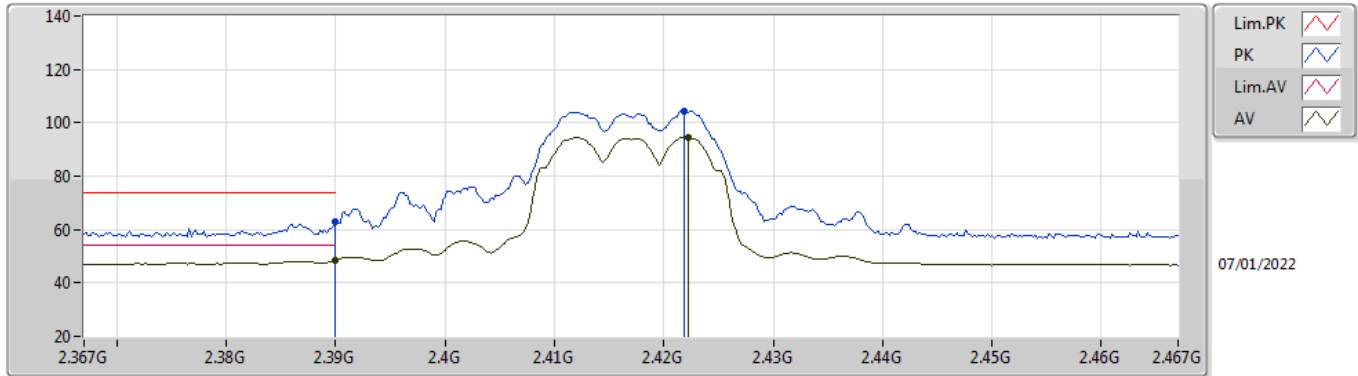
2417MHz_TX



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	2.39G	52.20	54.00	-1.80	34.98	3	Vertical	335	1.04	-	17.22	27.72	7.26	-
AV	2.4112G	103.89	Inf	-Inf	34.90	3	Vertical	335	1.04	-	68.99	27.63	7.27	-
PK	2.3898G	70.78	74.00	-3.22	34.98	3	Vertical	335	1.04	-	35.80	27.72	7.26	-
PK	2.4114G	113.71	Inf	-Inf	34.90	3	Vertical	335	1.04	-	78.81	27.63	7.27	-

802.11g_Nss1,(6Mbps)_2TX

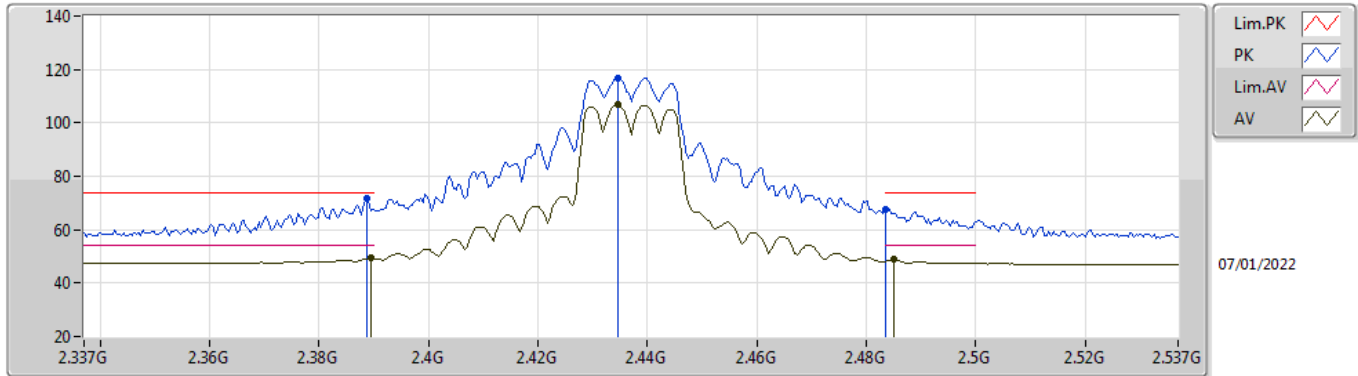
2417MHz_TX



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	2.39G	48.53	54.00	-5.47	34.98	3	Horizontal	3	1.00	-	13.55	27.72	7.26	-
AV	2.4222G	94.48	Inf	-Inf	34.85	3	Horizontal	3	1.00	-	59.63	27.57	7.28	-
PK	2.39G	62.86	74.00	-11.14	34.98	3	Horizontal	3	1.00	-	27.88	27.72	7.26	-
PK	2.4218G	104.33	Inf	-Inf	34.85	3	Horizontal	3	1.00	-	69.48	27.57	7.28	-

802.11g_Nss1,(6Mbps)_2TX

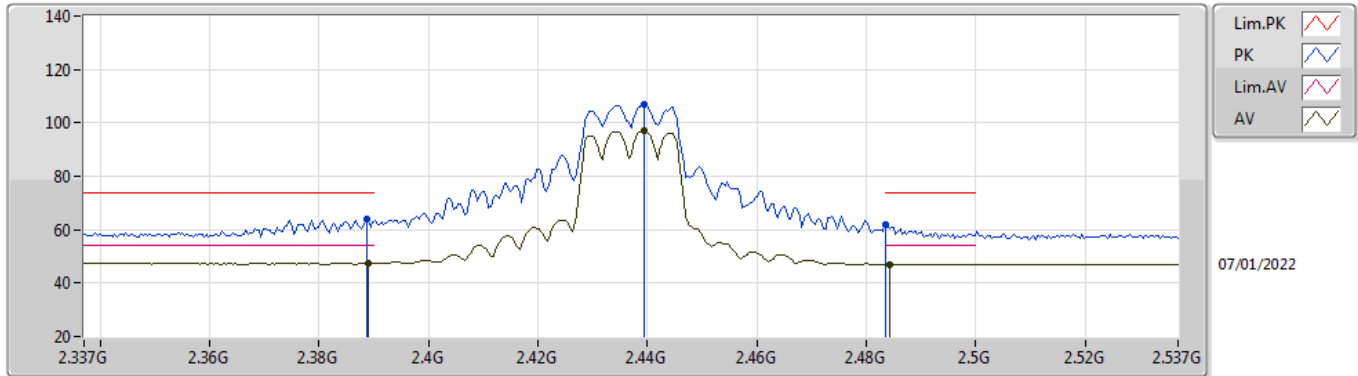
2437MHz_TX



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	49.36	54.00	-4.64	34.98	3	Vertical	344	1.50	-	14.38	27.72	7.26	-
AV	2.4346G	106.91	Inf	-Inf	34.78	3	Vertical	344	1.50	-	72.13	27.49	7.29	-
AV	2.485G	48.73	54.00	-5.27	34.73	3	Vertical	344	1.50	-	14.00	27.40	7.33	-
PK	2.3886G	71.52	74.00	-2.48	34.97	3	Vertical	344	1.50	-	36.55	27.72	7.25	-
PK	2.4346G	116.73	Inf	-Inf	34.78	3	Vertical	344	1.50	-	81.95	27.49	7.29	-
PK	2.4835G	67.64	74.00	-6.36	34.73	3	Vertical	344	1.50	-	32.91	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

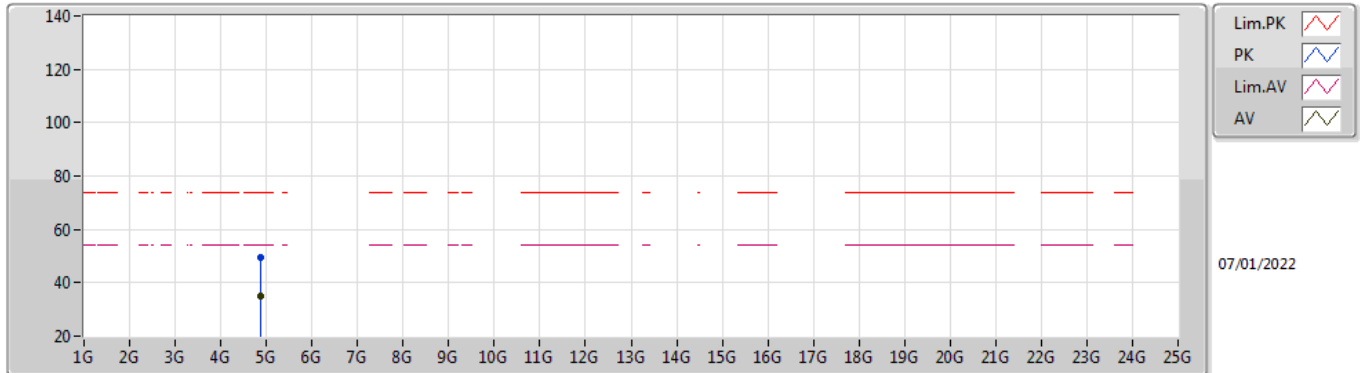
2437MHz_TX



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	2.389G	47.48	54.00	-6.52	34.98	3	Horizontal	6	1.56	-	12.50	27.72	7.26	-
AV	2.4394G	97.29	Inf	-Inf	34.75	3	Horizontal	6	1.56	-	62.54	27.46	7.29	-
AV	2.4842G	47.04	54.00	-6.96	34.73	3	Horizontal	6	1.56	-	12.31	27.40	7.33	-
PK	2.3886G	63.72	74.00	-10.28	34.97	3	Horizontal	6	1.56	-	28.75	27.72	7.25	-
PK	2.4394G	107.12	Inf	-Inf	34.75	3	Horizontal	6	1.56	-	72.37	27.46	7.29	-
PK	2.4835G	61.84	74.00	-12.16	34.73	3	Horizontal	6	1.56	-	27.11	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

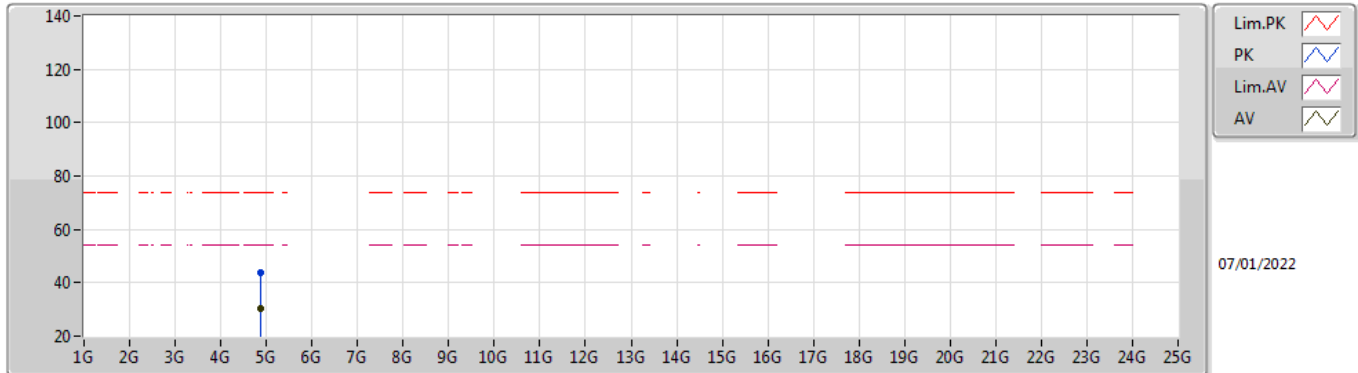
2437MHz_TX



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	4.87392G	35.17	54.00	-18.83	6.00	3	Vertical	16	1.61	-	29.17	31.20	8.96	34.16
PK	4.87632G	49.63	74.00	-24.37	6.00	3	Vertical	16	1.61	-	43.63	31.20	8.96	34.16

802.11g_Nss1,(6Mbps)_2TX

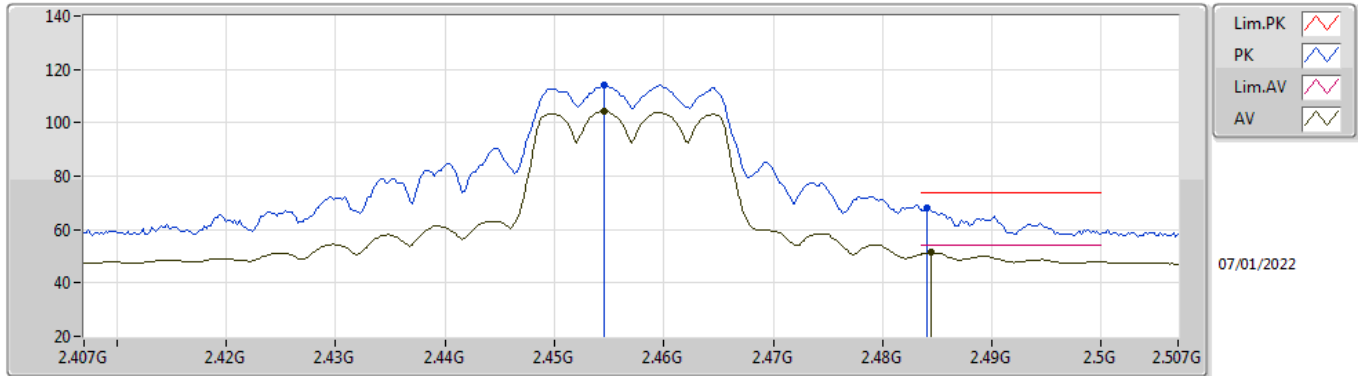
2437MHz_TX



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	4.87816G	30.23	54.00	-23.77	6.00	3	Horizontal	165	1.43	-	24.23	31.20	8.96	34.16
PK	4.88184G	43.95	74.00	-30.05	6.00	3	Horizontal	165	1.43	-	37.95	31.20	8.96	34.16

802.11g_Nss1,(6Mbps)_2TX

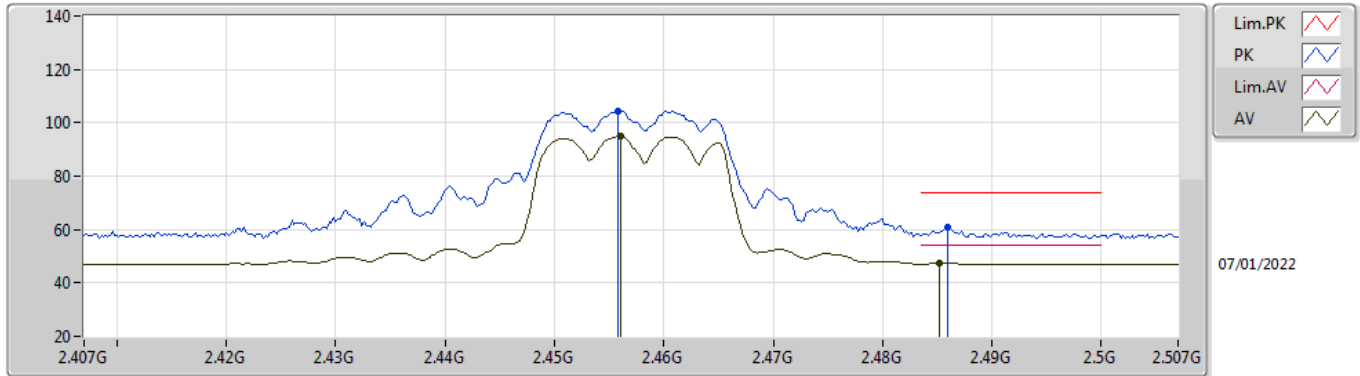
2457MHz_TX



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	2.4546G	104.45	Inf	-Inf	34.70	3	Vertical	172	1.50	-	69.75	27.40	7.30	-
AV	2.4844G	51.34	54.00	-2.66	34.73	3	Vertical	172	1.50	-	16.61	27.40	7.33	-
PK	2.4546G	114.23	Inf	-Inf	34.70	3	Vertical	172	1.50	-	79.53	27.40	7.30	-
PK	2.484G	68.20	74.00	-5.80	34.73	3	Vertical	172	1.50	-	33.47	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

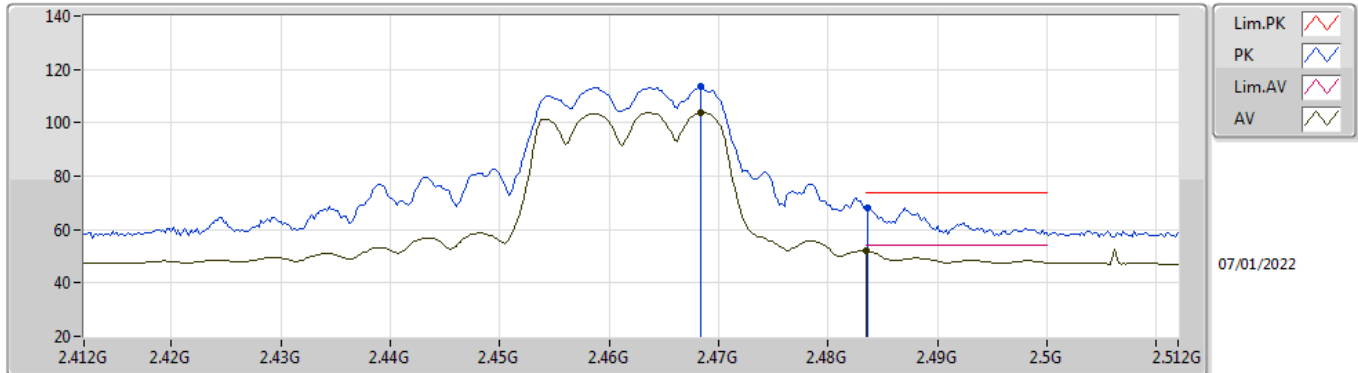
2457MHz_TX



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	2.456G	94.78	Inf	-Inf	34.70	3	Horizontal	360	1.00	-	60.08	27.40	7.30	-
AV	2.4852G	47.58	54.00	-6.42	34.73	3	Horizontal	360	1.00	-	12.85	27.40	7.33	-
PK	2.4558G	104.56	Inf	-Inf	34.70	3	Horizontal	360	1.00	-	69.86	27.40	7.30	-
PK	2.486G	61.02	74.00	-12.98	34.73	3	Horizontal	360	1.00	-	26.29	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

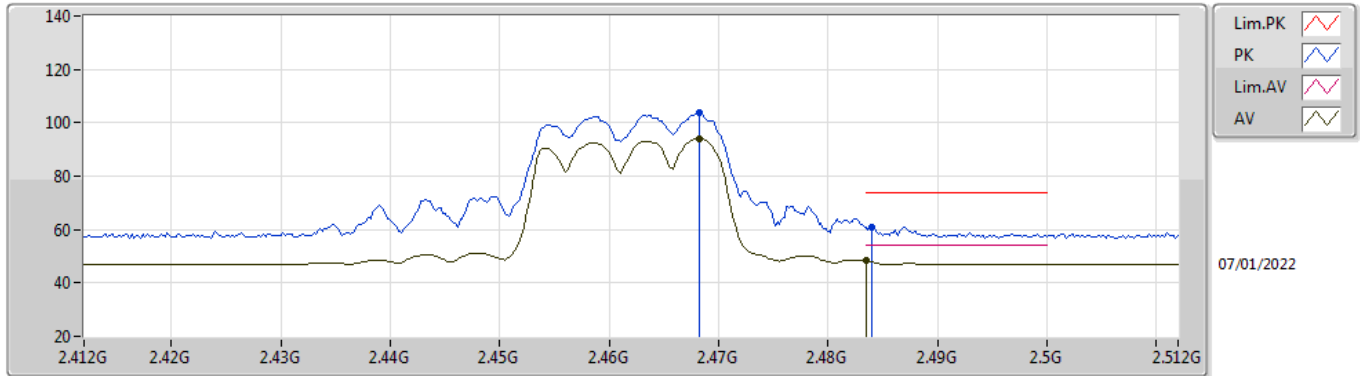
2462MHz_TX



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	2.4684G	103.80	Inf	-Inf	34.71	3	Vertical	155	1.59	-	69.09	27.40	7.31	-
AV	2.4835G	51.99	54.00	-2.01	34.73	3	Vertical	155	1.59	-	17.26	27.40	7.33	-
PK	2.4684G	113.44	Inf	-Inf	34.71	3	Vertical	155	1.59	-	78.73	27.40	7.31	-
PK	2.4836G	68.24	74.00	-5.76	34.73	3	Vertical	155	1.59	-	33.51	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

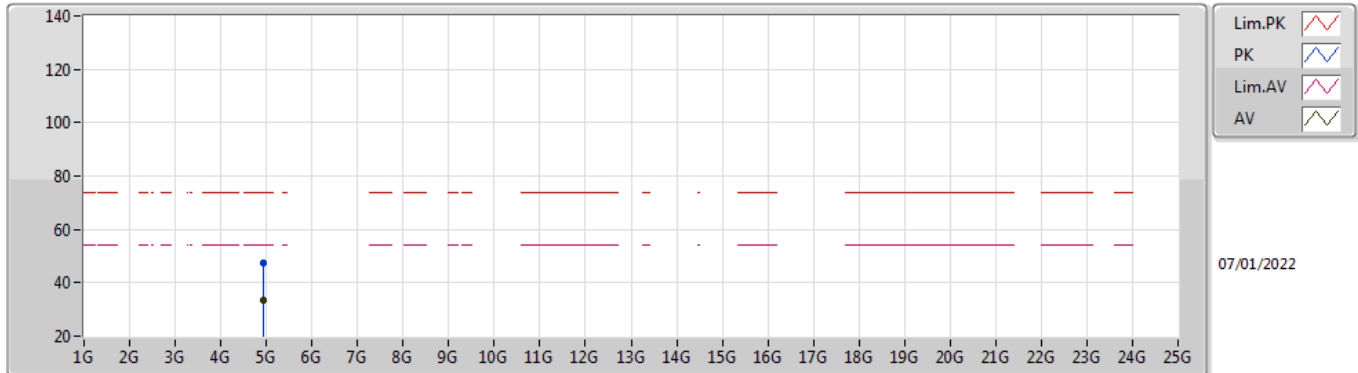
2462MHz_TX



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	2.4682G	93.95	Inf	-Inf	34.71	3	Horizontal	2	1.20	-	59.24	27.40	7.31	-
AV	2.4835G	48.25	54.00	-5.75	34.73	3	Horizontal	2	1.20	-	13.52	27.40	7.33	-
PK	2.4682G	103.87	Inf	-Inf	34.71	3	Horizontal	2	1.20	-	69.16	27.40	7.31	-
PK	2.484G	60.79	74.00	-13.21	34.73	3	Horizontal	2	1.20	-	26.06	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

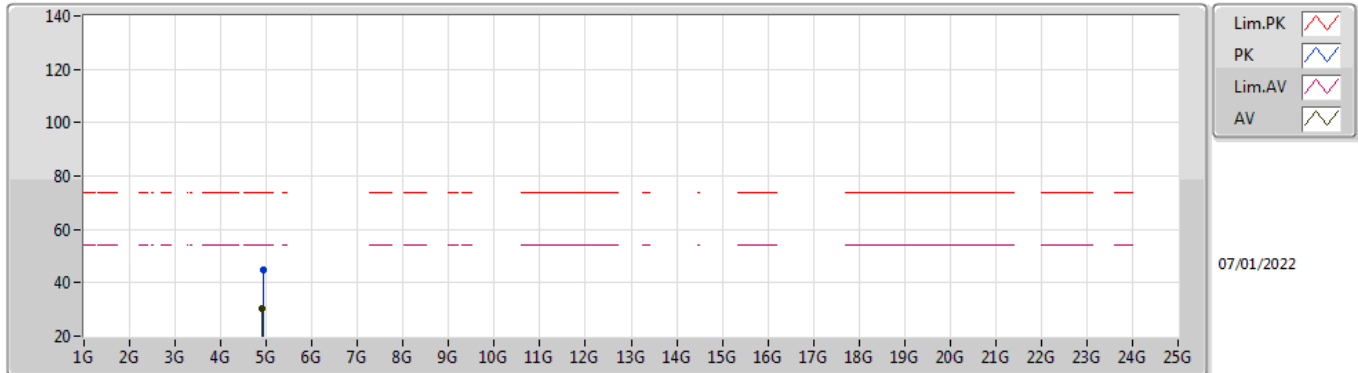
2462MHz_TX



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	4.92416G	33.48	54.00	-20.52	6.15	3	Vertical	17	1.50	-	27.33	31.30	8.99	34.14
PK	4.9244G	47.47	74.00	-26.53	6.15	3	Vertical	17	1.50	-	41.32	31.30	8.99	34.14

802.11g_Nss1,(6Mbps)_2TX

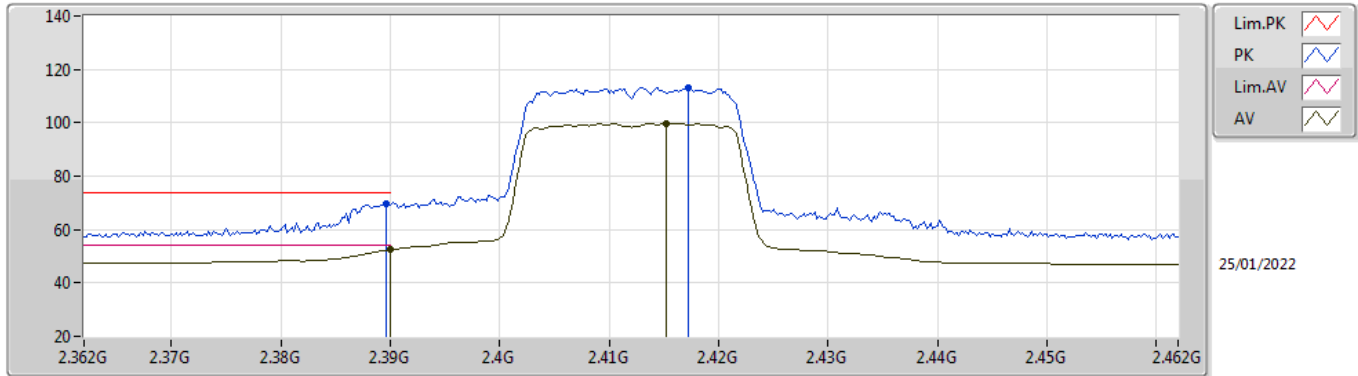
2462MHz_TX



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	4.91352G	30.16	54.00	-23.84	6.10	3	Horizontal	181	1.50	-	24.06	31.25	8.99	34.14
PK	4.92488G	45.08	74.00	-28.92	6.15	3	Horizontal	181	1.50	-	38.93	31.30	8.99	34.14

802.11ax HEW20_Nss1,(MCS0)_2TX

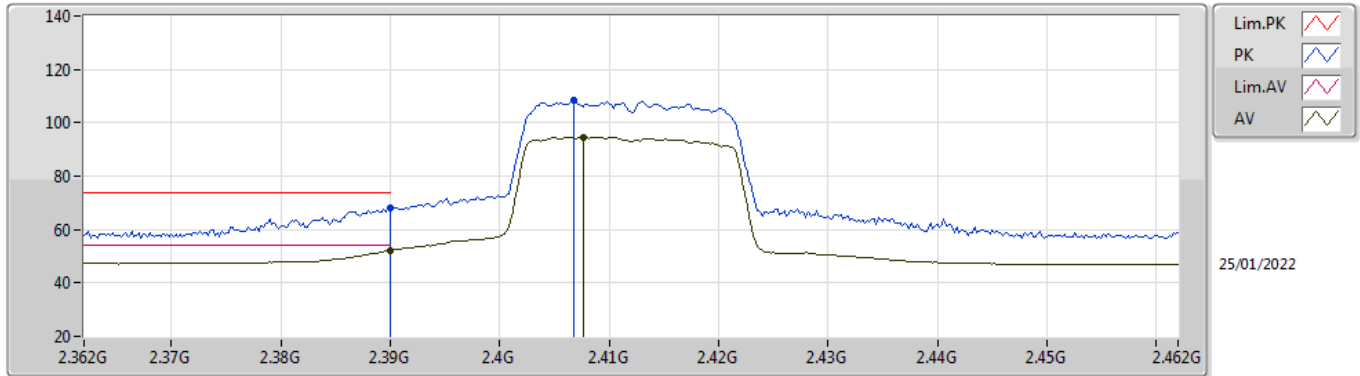
2412MHz_TX



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	2.39G	52.49	54.00	-1.51	34.98	3	Vertical	246	1.50	-	17.51	27.72	7.26	-
AV	2.4152G	99.69	Inf	-Inf	34.88	3	Vertical	246	1.50	-	64.81	27.61	7.27	-
PK	2.3896G	69.55	74.00	-4.45	34.98	3	Vertical	246	1.50	-	34.57	27.72	7.26	-
PK	2.4172G	113.32	Inf	-Inf	34.87	3	Vertical	246	1.50	-	78.45	27.60	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

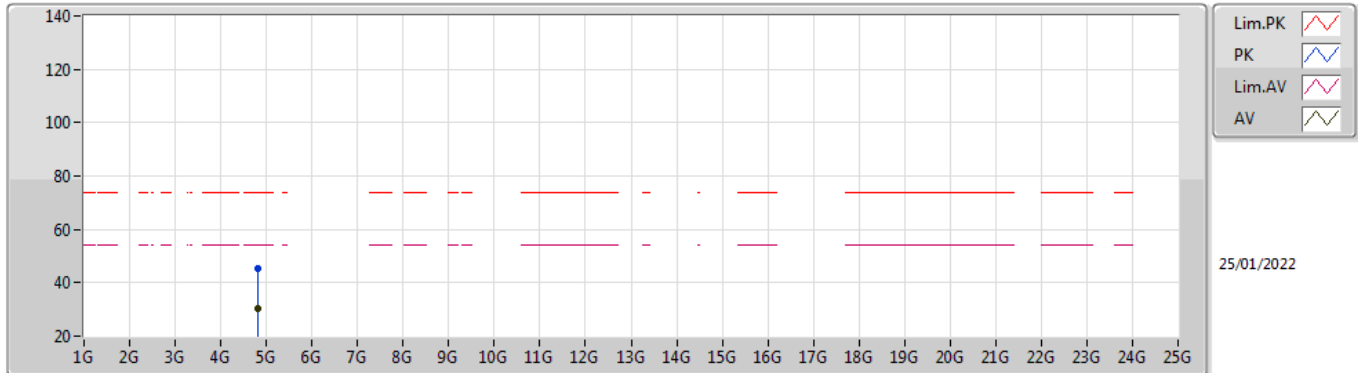
2412MHz_TX



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	2.39G	52.14	54.00	-1.86	34.98	3	Horizontal	207	2.05	-	17.16	27.72	7.26	-
AV	2.4076G	94.65	Inf	-Inf	34.92	3	Horizontal	207	2.05	-	59.73	27.65	7.27	-
PK	2.39G	68.26	74.00	-5.74	34.98	3	Horizontal	207	2.05	-	33.28	27.72	7.26	-
PK	2.4068G	108.25	Inf	-Inf	34.93	3	Horizontal	207	2.05	-	73.32	27.66	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

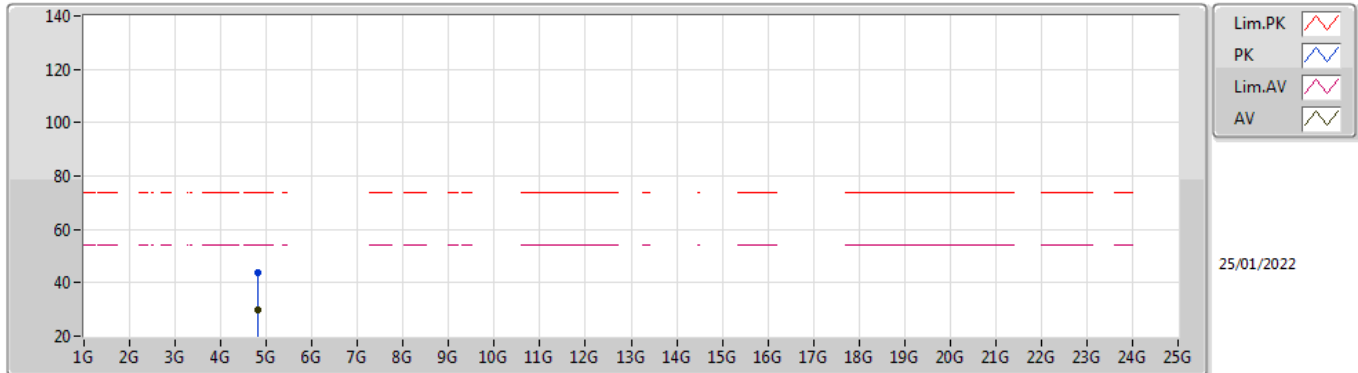
2412MHz_TX



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	4.82338G	30.15	54.00	-23.85	5.89	3	Vertical	202	1.33	-	24.26	31.15	8.92	34.18
PK	4.82525G	45.10	74.00	-28.90	5.89	3	Vertical	202	1.33	-	39.21	31.15	8.92	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

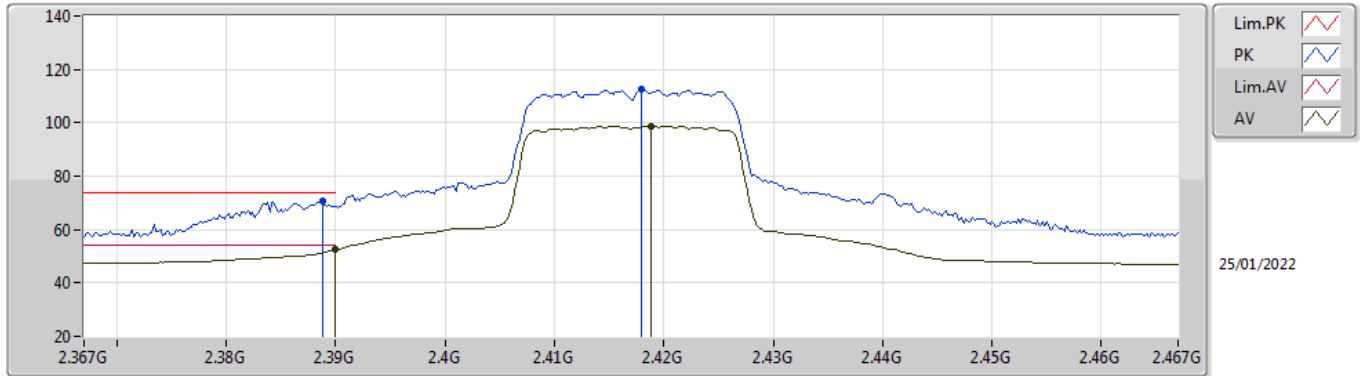
2412MHz_TX



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	4.82306G	29.60	54.00	-24.40	5.89	3	Horizontal	43	1.33	-	23.71	31.15	8.92	34.18
PK	4.82381G	43.63	74.00	-30.37	5.89	3	Horizontal	43	1.33	-	37.74	31.15	8.92	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

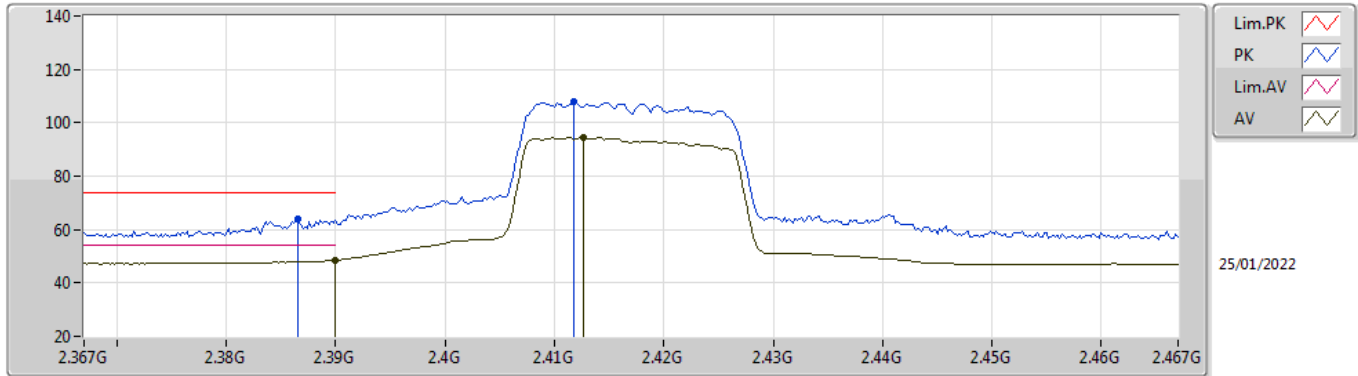
2417MHz_TX



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	2.39G	52.47	54.00	-1.53	34.98	3	Vertical	246	1.48	-	17.49	27.72	7.26	-
AV	2.4188G	98.70	Inf	-Inf	34.87	3	Vertical	246	1.48	-	63.83	27.59	7.28	-
PK	2.3888G	70.49	74.00	-3.51	34.97	3	Vertical	246	1.48	-	35.52	27.72	7.25	-
PK	2.418G	112.59	Inf	-Inf	34.86	3	Vertical	246	1.48	-	77.73	27.59	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

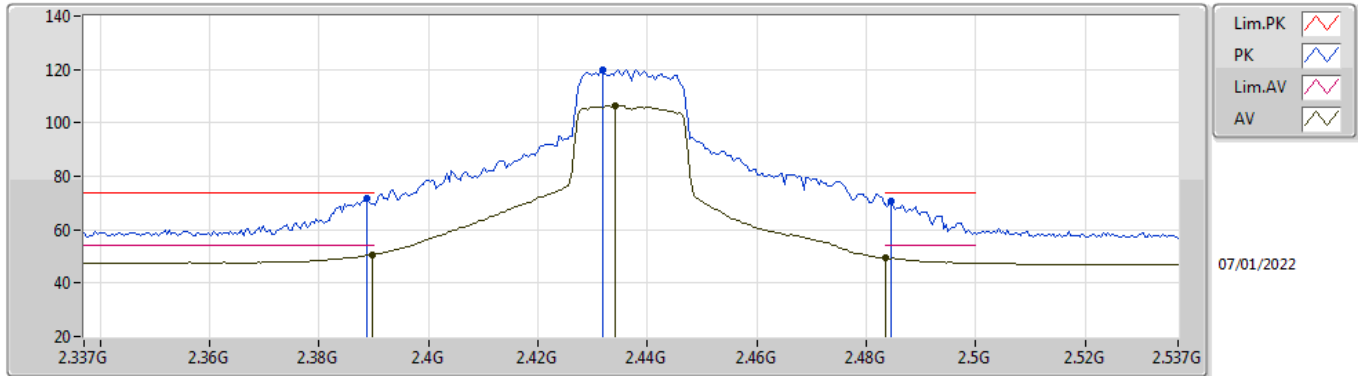
2417MHz_TX



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	2.39G	48.55	54.00	-5.45	34.98	3	Horizontal	205	2.07	-	13.57	27.72	7.26	-
AV	2.4126G	94.29	Inf	-Inf	34.89	3	Horizontal	205	2.07	-	59.40	27.62	7.27	-
PK	2.3866G	63.81	74.00	-10.19	34.98	3	Horizontal	205	2.07	-	28.83	27.73	7.25	-
PK	2.4118G	107.92	Inf	-Inf	34.90	3	Horizontal	205	2.07	-	73.02	27.63	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

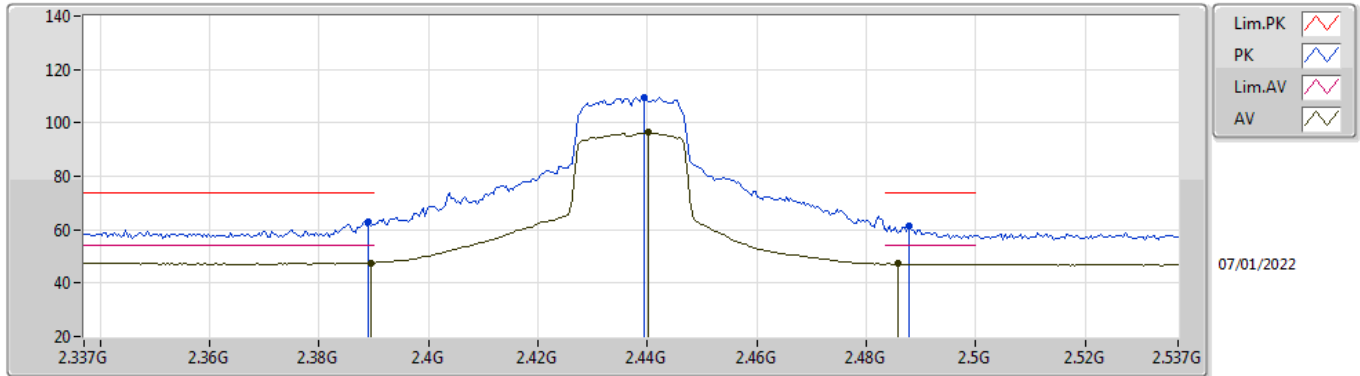
2437MHz_TX



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	50.56	54.00	-3.44	34.98	3	Vertical	344	1.49	-	15.58	27.72	7.26	-
AV	2.4342G	106.38	Inf	-Inf	34.78	3	Vertical	344	1.49	-	71.60	27.49	7.29	-
AV	2.4835G	49.37	54.00	-4.63	34.73	3	Vertical	344	1.49	-	14.64	27.40	7.33	-
PK	2.3886G	71.97	74.00	-2.03	34.97	3	Vertical	344	1.49	-	37.00	27.72	7.25	-
PK	2.4318G	120.06	Inf	-Inf	34.80	3	Vertical	344	1.49	-	85.26	27.51	7.29	-
PK	2.4846G	70.78	74.00	-3.22	34.73	3	Vertical	344	1.49	-	36.05	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

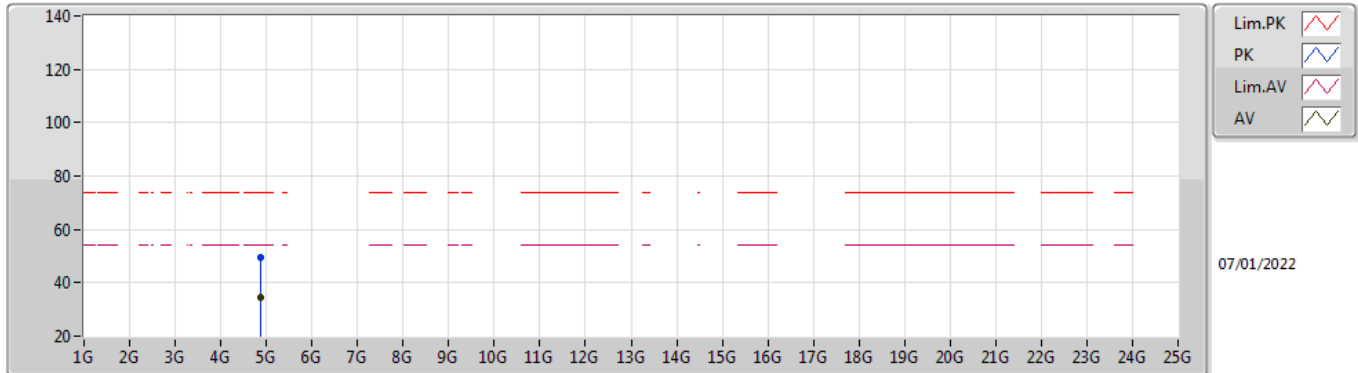
2437MHz_TX



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	47.62	54.00	-6.38	34.98	3	Horizontal	7	1.58	-	12.64	27.72	7.26	-
AV	2.4402G	96.38	Inf	-Inf	34.75	3	Horizontal	7	1.58	-	61.63	27.46	7.29	-
AV	2.4858G	47.18	54.00	-6.82	34.73	3	Horizontal	7	1.58	-	12.45	27.40	7.33	-
PK	2.389G	62.89	74.00	-11.11	34.98	3	Horizontal	7	1.58	-	27.91	27.72	7.26	-
PK	2.4394G	109.74	Inf	-Inf	34.75	3	Horizontal	7	1.58	-	74.99	27.46	7.29	-
PK	2.4878G	61.55	74.00	-12.45	34.73	3	Horizontal	7	1.58	-	26.82	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

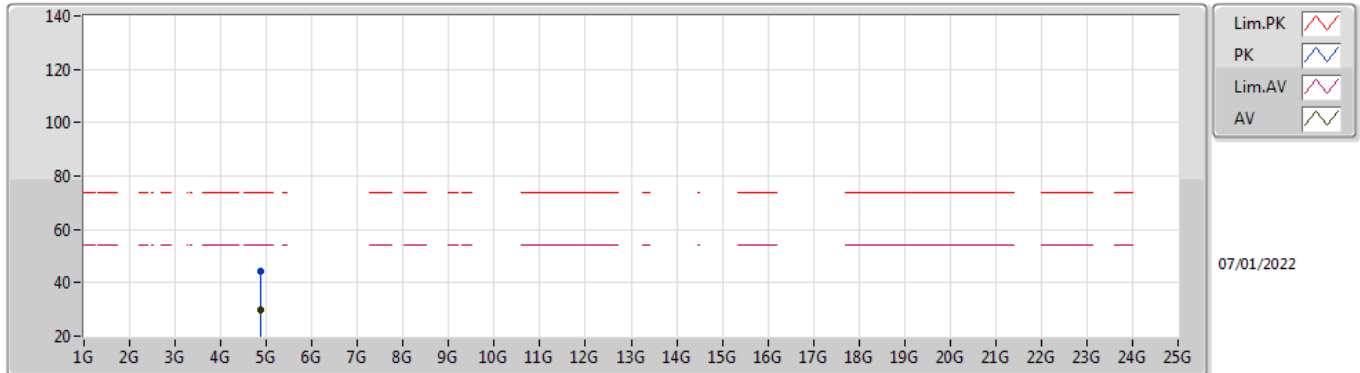
2437MHz_TX



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	4.87704G	34.61	54.00	-19.39	6.00	3	Vertical	17	1.50	-	28.61	31.20	8.96	34.16
PK	4.87656G	49.64	74.00	-24.36	6.00	3	Vertical	17	1.50	-	43.64	31.20	8.96	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

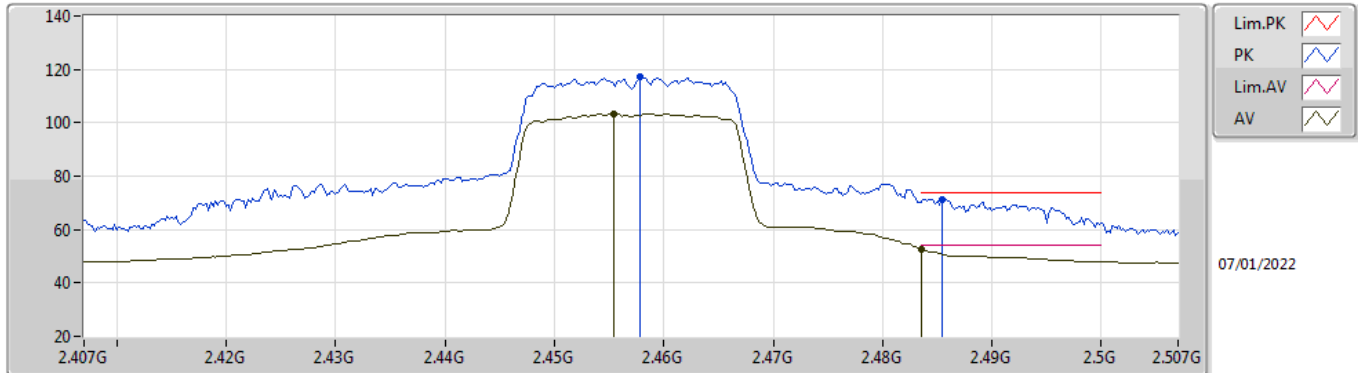
2437MHz_TX



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	4.87904G	30.08	54.00	-23.92	6.00	3	Horizontal	167	2.62	-	24.08	31.20	8.96	34.16
PK	4.8812G	44.43	74.00	-29.57	6.00	3	Horizontal	167	2.62	-	38.43	31.20	8.96	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

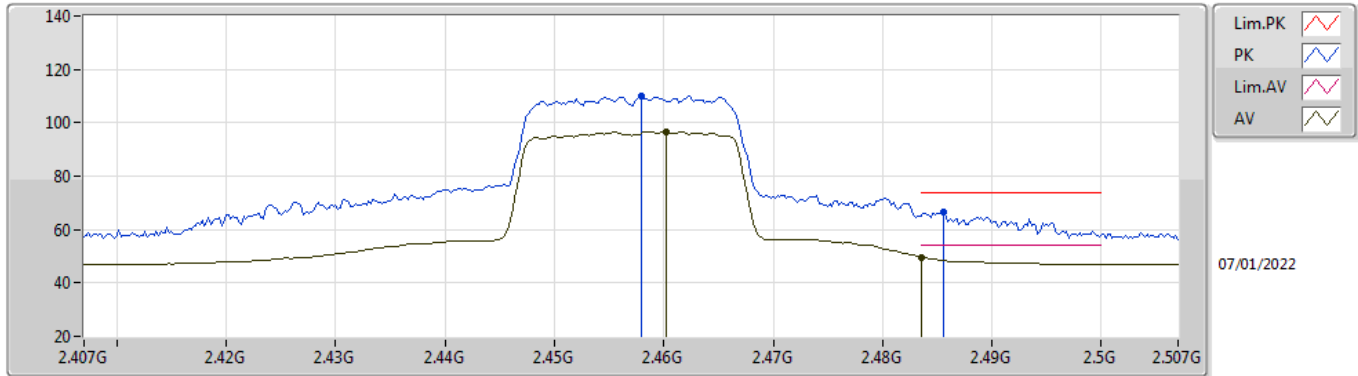
2457MHz_TX



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	2.4554G	103.36	Inf	-Inf	34.70	3	Vertical	301	1.27	-	68.66	27.40	7.30	-
AV	2.4835G	52.45	54.00	-1.55	34.73	3	Vertical	301	1.27	-	17.72	27.40	7.33	-
PK	2.4578G	117.07	Inf	-Inf	34.71	3	Vertical	301	1.27	-	82.36	27.40	7.31	-
PK	2.4854G	71.45	74.00	-2.55	34.73	3	Vertical	301	1.27	-	36.72	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

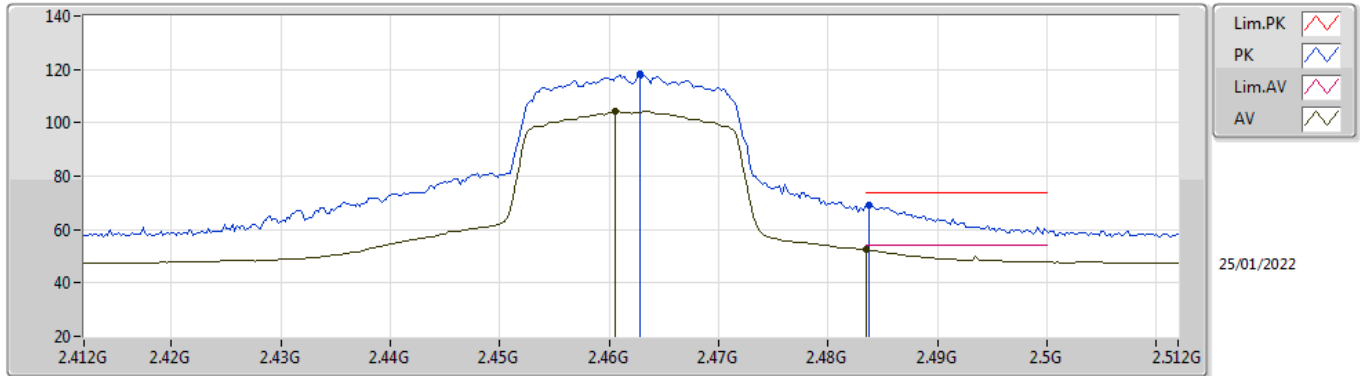
2457MHz_TX



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	2.4602G	96.51	Inf	-Inf	34.71	3	Horizontal	167	2.98	-	61.80	27.40	7.31	-
AV	2.4835G	49.50	54.00	-4.50	34.73	3	Horizontal	167	2.98	-	14.77	27.40	7.33	-
PK	2.458G	110.18	Inf	-Inf	34.71	3	Horizontal	167	2.98	-	75.47	27.40	7.31	-
PK	2.4856G	66.38	74.00	-7.62	34.73	3	Horizontal	167	2.98	-	31.65	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

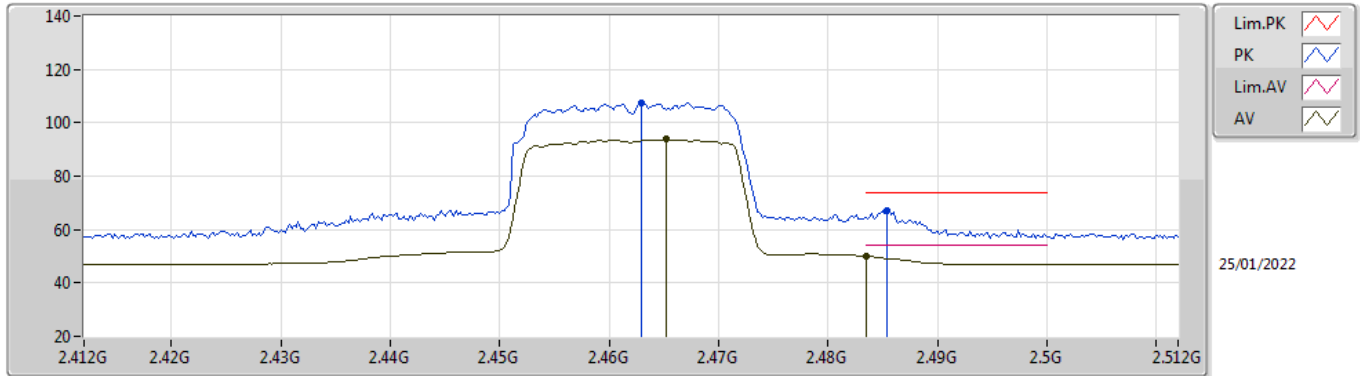
2462MHz_TX



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	2.4606G	104.17	Inf	-Inf	34.71	3	Vertical	156	1.55	-	69.46	27.40	7.31	-
AV	2.4835G	52.35	54.00	-1.65	34.73	3	Vertical	156	1.55	-	17.62	27.40	7.33	-
PK	2.4628G	118.16	Inf	-Inf	34.71	3	Vertical	156	1.55	-	83.45	27.40	7.31	-
PK	2.4838G	69.38	74.00	-4.62	34.73	3	Vertical	156	1.55	-	34.65	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

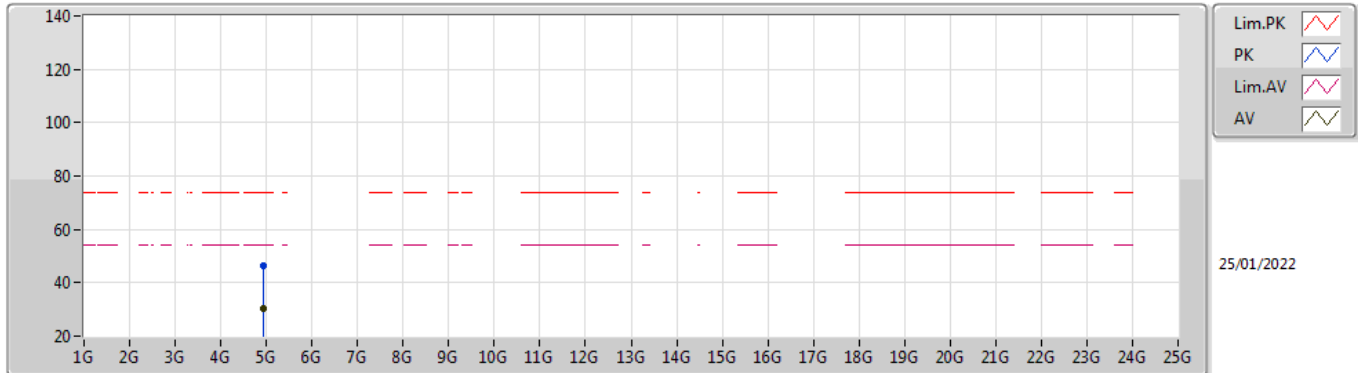
2462MHz_TX



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	2.4652G	93.76	Inf	-Inf	34.71	3	Horizontal	265	1.10	-	59.05	27.40	7.31	-
AV	2.4835G	49.87	54.00	-4.13	34.73	3	Horizontal	265	1.10	-	15.14	27.40	7.33	-
PK	2.463G	107.39	Inf	-Inf	34.71	3	Horizontal	265	1.10	-	72.68	27.40	7.31	-
PK	2.4854G	67.27	74.00	-6.73	34.73	3	Horizontal	265	1.10	-	32.54	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

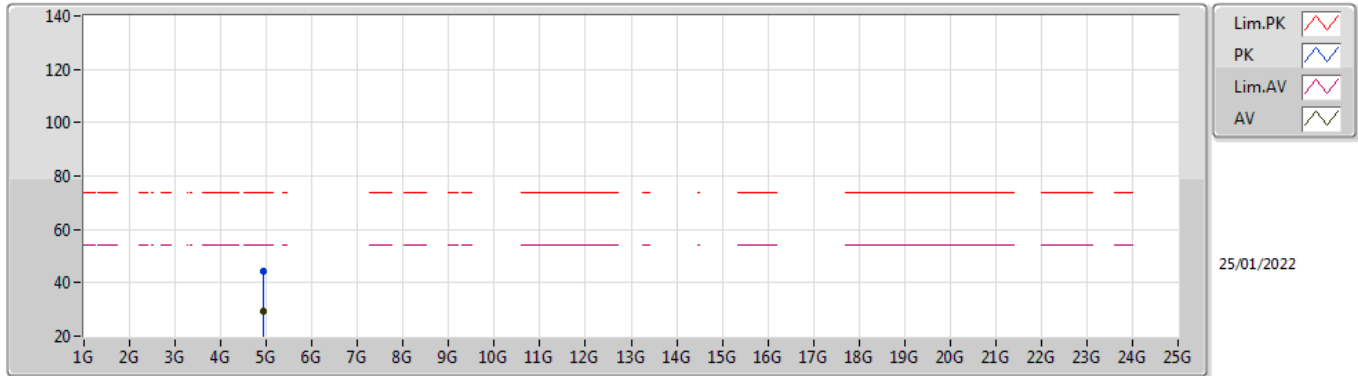
2462MHz_TX



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	4.92381G	30.40	54.00	-23.60	6.15	3	Vertical	228	1.50	-	24.25	31.30	8.99	34.14
PK	4.92422G	46.22	74.00	-27.78	6.15	3	Vertical	228	1.50	-	40.07	31.30	8.99	34.14

802.11ax HEW20_Nss1,(MCS0)_2TX

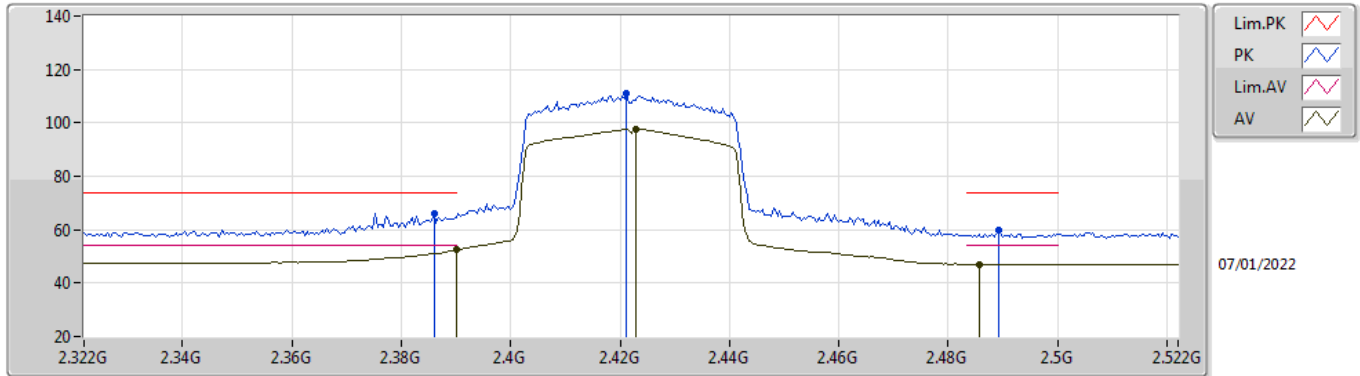
2462MHz_TX



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	4.92531G	29.52	54.00	-24.48	6.15	3	Horizontal	290	1.53	-	23.37	31.30	8.99	34.14
PK	4.92545G	44.15	74.00	-29.85	6.15	3	Horizontal	290	1.53	-	38.00	31.30	8.99	34.14

802.11ax HEW40_Nss1,(MCS0)_2TX

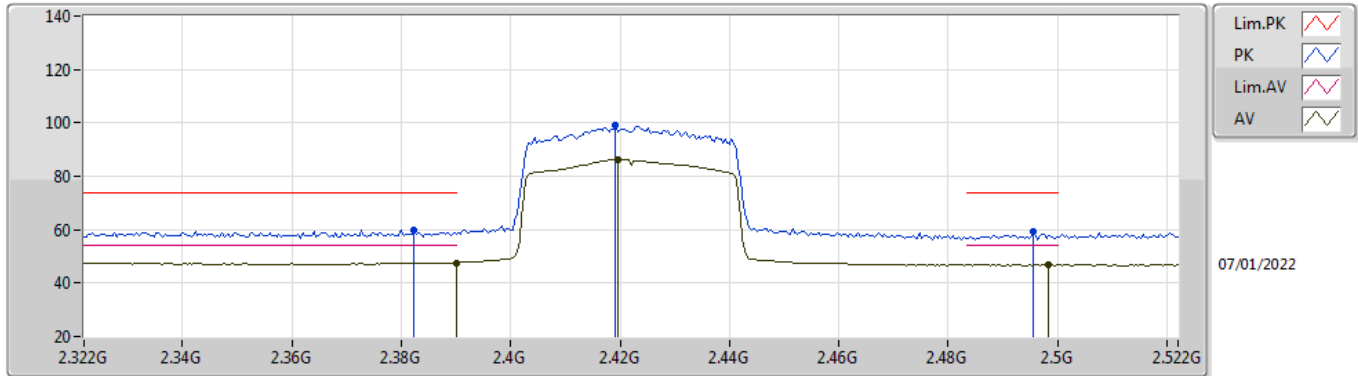
2422MHz_TX



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	52.40	54.00	-1.60	34.98	3	Vertical	302	1.00	-	17.42	27.72	7.26	-
AV	2.4228G	97.56	Inf	-Inf	34.84	3	Vertical	302	1.00	-	62.72	27.56	7.28	-
AV	2.4856G	47.13	54.00	-6.87	34.73	3	Vertical	302	1.00	-	12.40	27.40	7.33	-
PK	2.386G	66.11	74.00	-7.89	34.98	3	Vertical	302	1.00	-	31.13	27.73	7.25	-
PK	2.4212G	110.92	Inf	-Inf	34.85	3	Vertical	302	1.00	-	76.07	27.57	7.28	-
PK	2.4892G	59.93	74.00	-14.07	34.73	3	Vertical	302	1.00	-	25.20	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

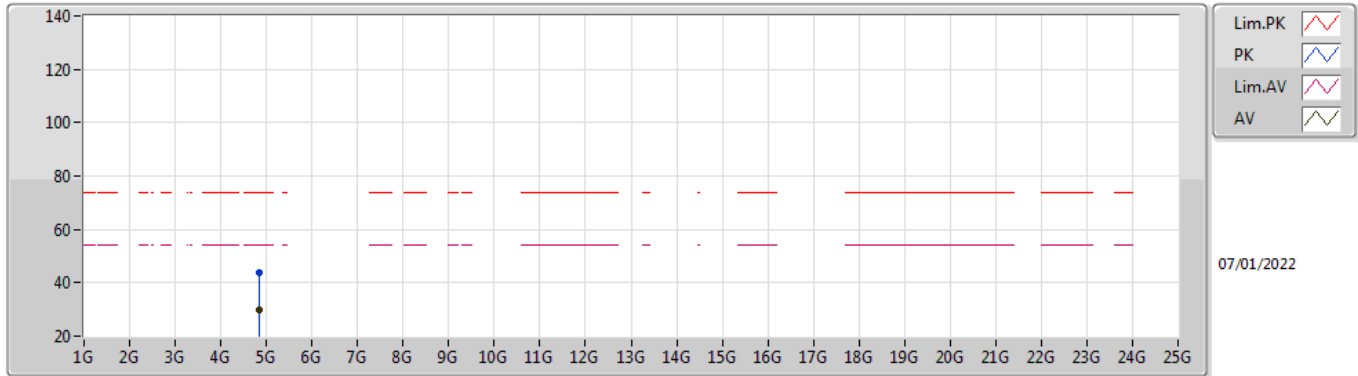
2422MHz_TX



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	47.66	54.00	-6.34	34.98	3	Horizontal	270	1.50	-	12.68	27.72	7.26	-
AV	2.4196G	86.35	Inf	-Inf	34.86	3	Horizontal	270	1.50	-	51.49	27.58	7.28	-
AV	2.4984G	46.75	54.00	-7.25	34.74	3	Horizontal	270	1.50	-	12.01	27.40	7.34	-
PK	2.3824G	60.03	74.00	-13.97	34.99	3	Horizontal	270	1.50	-	25.04	27.74	7.25	-
PK	2.4192G	99.35	Inf	-Inf	34.86	3	Horizontal	270	1.50	-	64.49	27.58	7.28	-
PK	2.4956G	59.10	74.00	-14.90	34.74	3	Horizontal	270	1.50	-	24.36	27.40	7.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

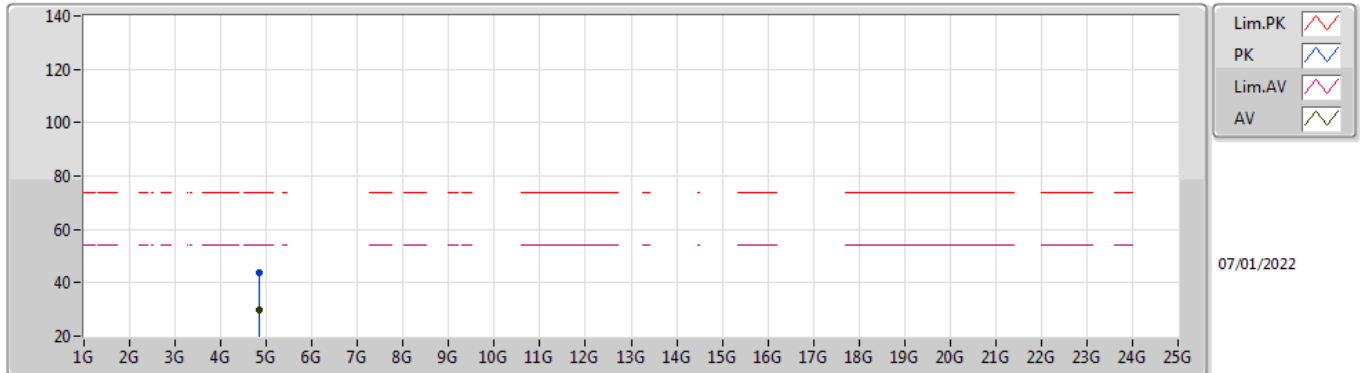
2422MHz_TX



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	4.83424G	29.86	54.00	-24.14	5.92	3	Vertical	277	1.50	-	23.94	31.17	8.93	34.18
PK	4.8404G	43.55	74.00	-30.45	5.93	3	Vertical	277	1.50	-	37.62	31.18	8.93	34.18

802.11ax HEW40_Nss1,(MCS0)_2TX

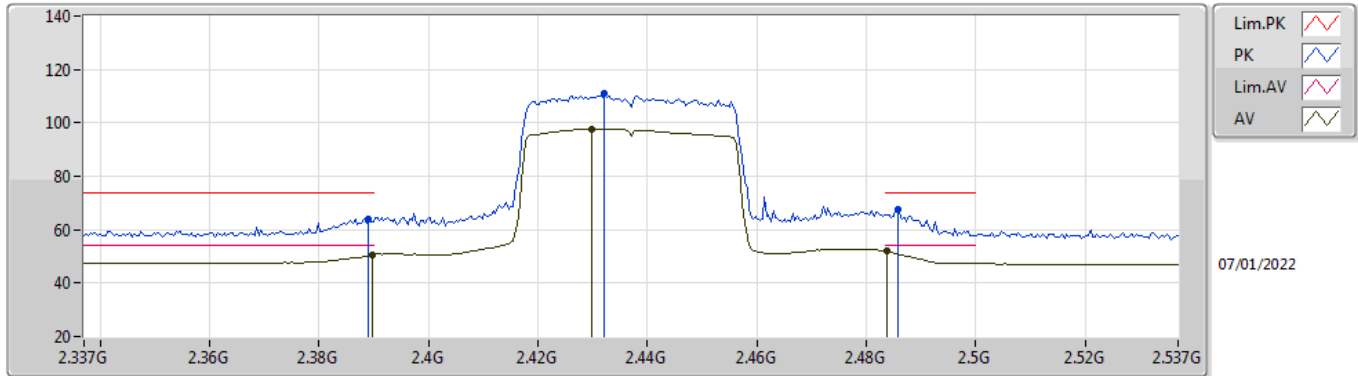
2422MHz_TX



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	4.83168G	29.86	54.00	-24.14	5.90	3	Horizontal	232	1.01	-	23.96	31.16	8.92	34.18
PK	4.83592G	43.97	74.00	-30.03	5.92	3	Horizontal	232	1.01	-	38.05	31.17	8.93	34.18

802.11ax HEW40_Nss1,(MCS0)_2TX

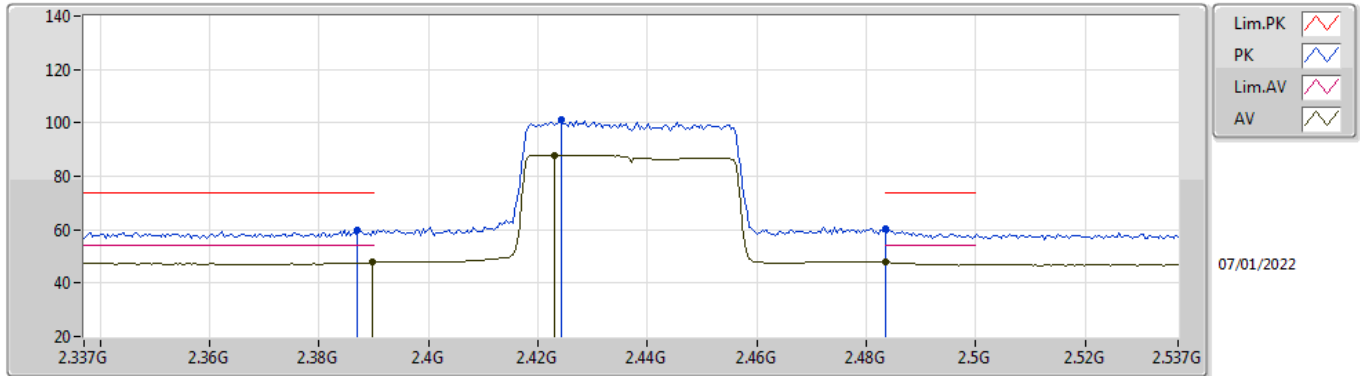
2437MHz_TX



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	50.62	54.00	-3.38	34.98	3	Vertical	343	1.50	-	15.64	27.72	7.26	-
AV	2.4298G	97.63	Inf	-Inf	34.80	3	Vertical	343	1.50	-	62.83	27.52	7.28	-
AV	2.4838G	52.01	54.00	-1.99	34.73	3	Vertical	343	1.50	-	17.28	27.40	7.33	-
PK	2.389G	64.03	74.00	-9.97	34.98	3	Vertical	343	1.50	-	29.05	27.72	7.26	-
PK	2.4322G	111.12	Inf	-Inf	34.80	3	Vertical	343	1.50	-	76.32	27.51	7.29	-
PK	2.4858G	67.38	74.00	-6.62	34.73	3	Vertical	343	1.50	-	32.65	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

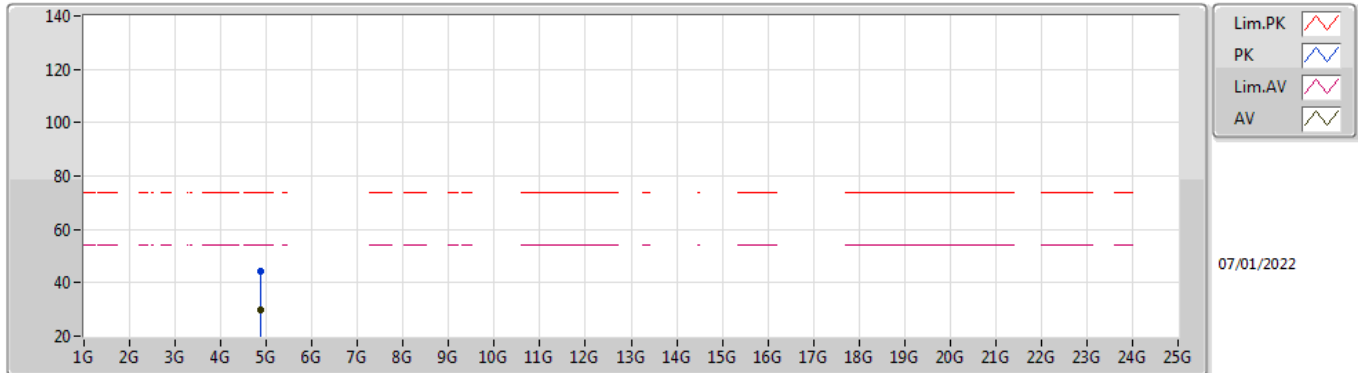
2437MHz_TX



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	47.79	54.00	-6.21	34.98	3	Horizontal	6	1.00	-	12.81	27.72	7.26	-
AV	2.423G	87.93	Inf	-Inf	34.84	3	Horizontal	6	1.00	-	53.09	27.56	7.28	-
AV	2.4835G	47.95	54.00	-6.05	34.73	3	Horizontal	6	1.00	-	13.22	27.40	7.33	-
PK	2.387G	60.06	74.00	-13.94	34.98	3	Horizontal	6	1.00	-	25.08	27.73	7.25	-
PK	2.4242G	101.28	Inf	-Inf	34.83	3	Horizontal	6	1.00	-	66.45	27.55	7.28	-
PK	2.4835G	60.36	74.00	-13.64	34.73	3	Horizontal	6	1.00	-	25.63	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

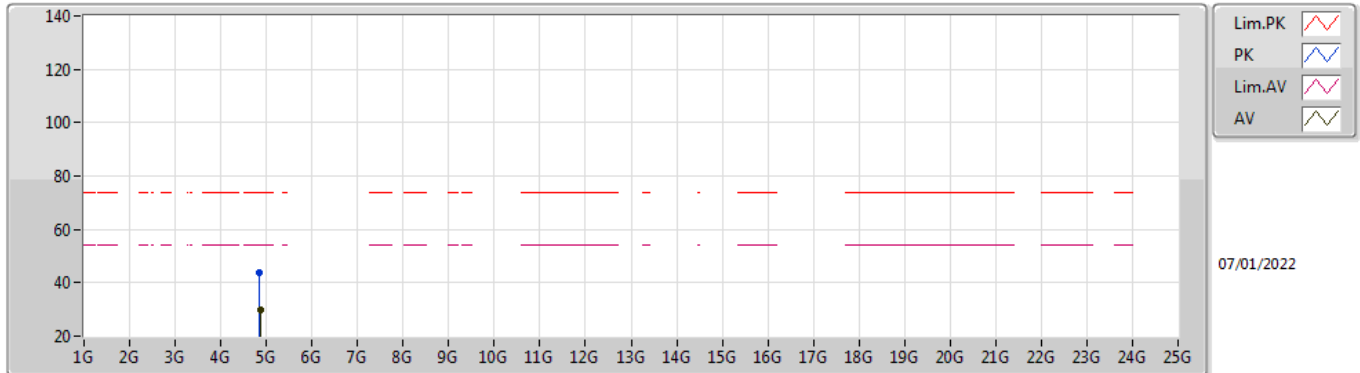
2437MHz_TX



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	4.87704G	29.93	54.00	-24.07	6.00	3	Vertical	55	1.50	-	23.93	31.20	8.96	34.16
PK	4.88344G	44.41	74.00	-29.59	6.00	3	Vertical	55	1.50	-	38.41	31.20	8.96	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

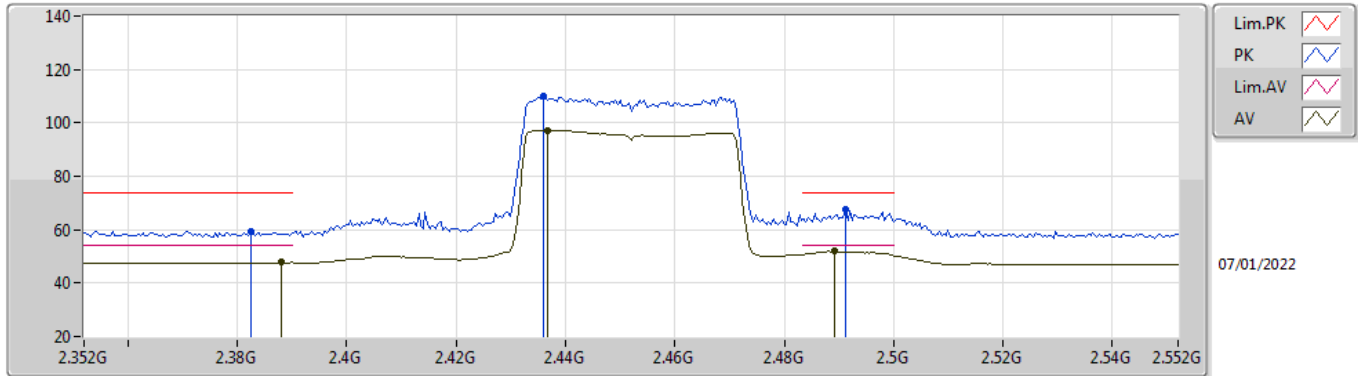
2437MHz_TX



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	4.87688G	29.91	54.00	-24.09	6.00	3	Horizontal	140	2.20	-	23.91	31.20	8.96	34.16
PK	4.85488G	43.61	74.00	-30.39	5.97	3	Horizontal	140	2.20	-	37.64	31.20	8.94	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

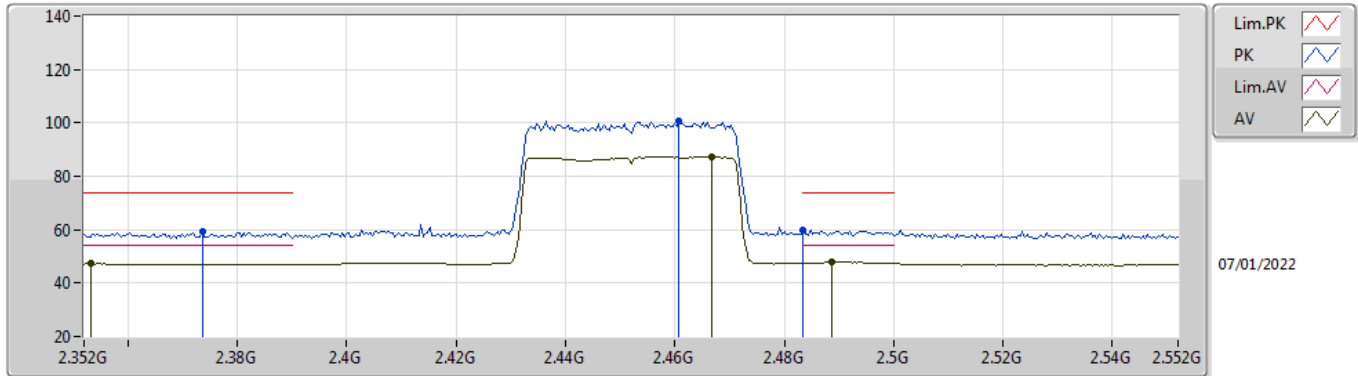
2452MHz_TX



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	2.388G	47.69	54.00	-6.31	34.97	3	Vertical	343	1.50	-	12.72	27.72	7.25	-
AV	2.4368G	97.13	Inf	-Inf	34.77	3	Vertical	343	1.50	-	62.36	27.48	7.29	-
AV	2.4892G	52.03	54.00	-1.97	34.73	3	Vertical	343	1.50	-	17.30	27.40	7.33	-
PK	2.3824G	59.35	74.00	-14.65	34.99	3	Vertical	343	1.50	-	24.36	27.74	7.25	-
PK	2.436G	109.97	Inf	-Inf	34.77	3	Vertical	343	1.50	-	75.20	27.48	7.29	-
PK	2.4912G	67.66	74.00	-6.34	34.73	3	Vertical	343	1.50	-	32.93	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

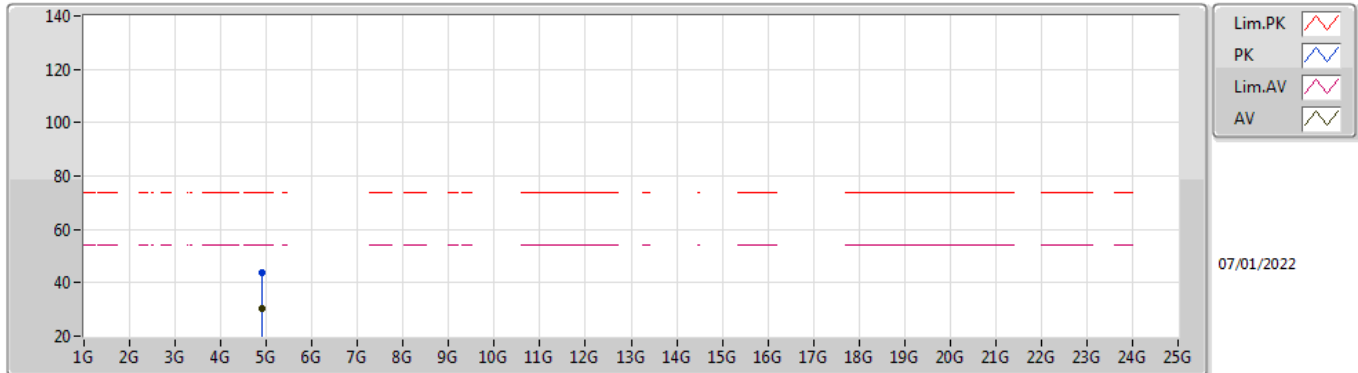
2452MHz_TX



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	2.3532G	47.25	54.00	-6.75	35.03	3	Horizontal	4	1.00	-	12.22	27.79	7.24	-
AV	2.4668G	87.19	Inf	-Inf	34.71	3	Horizontal	4	1.00	-	52.48	27.40	7.31	-
AV	2.4888G	47.84	54.00	-6.16	34.73	3	Horizontal	4	1.00	-	13.11	27.40	7.33	-
PK	2.3736G	59.52	74.00	-14.48	35.00	3	Horizontal	4	1.00	-	24.52	27.75	7.25	-
PK	2.4608G	100.83	Inf	-Inf	34.71	3	Horizontal	4	1.00	-	66.12	27.40	7.31	-
PK	2.4835G	59.88	74.00	-14.12	34.73	3	Horizontal	4	1.00	-	25.15	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

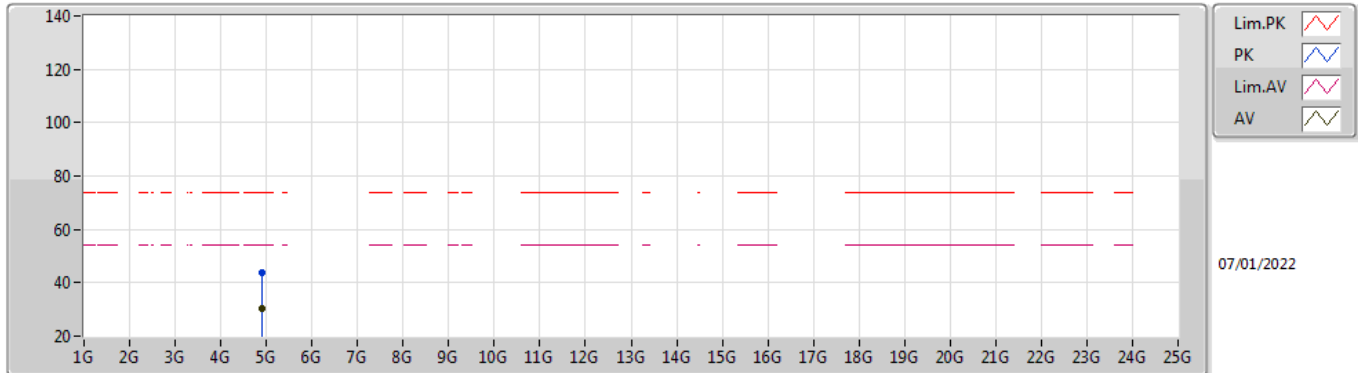
2452MHz_TX



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	4.9128G	30.45	54.00	-23.55	6.09	3	Vertical	352	1.50	-	24.36	31.25	8.98	34.14
PK	4.9008G	43.90	74.00	-30.10	6.03	3	Vertical	352	1.50	-	37.87	31.20	8.98	34.15

802.11ax HEW40_Nss1,(MCS0)_2TX

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	4.9124G	30.15	54.00	-23.85	6.09	3	Horizontal	81	1.38	-	24.06	31.25	8.98	34.14
PK	4.91472G	43.64	74.00	-30.36	6.11	3	Horizontal	81	1.38	-	37.53	31.26	8.99	34.14