FCC Radio Test Report

FCC ID	:	**2AAAS-CM10**
Equipment	:	**Vivint Doorbell Camera Pro (Gen 2)**
Brand Name	:	**Vivint**
Model Name	:	**CM10**
Applicant	:	**Vivint, Inc. 4931 N. 300W., Provo, UT 84604 USA**
Manufacturer	:	**Chicony Electronics Co., Ltd No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Aug. 04, 2022, and testing was started from Aug. 12, 2022 and completed on Aug. 26, 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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History of this test report

Report No.	Version	Description	Issued Date
FR280408AC	01	Initial issue of report	Sep. 26, 2022
FR280408AC	02	Update Brand name (This report is the latest version replacing for the report issued on Sep. 26, 2022)	Sep. 27, 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: Ryan Hsiao

Report Producer: Ann Hou

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	2412-2462	1-11 [11]

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	VHT20	20	2TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	CY5873-12-001-C	PIFA	I-PEX
2	Amphenol	CY5873-12-002-C	PIFA	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	0.72	2.33	0.72
2	2	0.69	2.56	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 1 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From AC Adapter				
EUT Function	☒	Point-to-multipoint	☐	Point-to-point	
Beamforming Function	☐	With beamforming	☒	Without beamforming	

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.944	0.25	2.049m	1k
VHT20_Nss1,(MCS0)_2TX	0.875	0.58	985u	3k

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				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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	Wayne	20.9~21.4°C / 53~54%	23/Aug/2022
RF Conducted	TH01-HY	Johnny	21.5~25.4°C / 51~58%	19/Aug/2022~22/Aug/2022
Radiated	03CH03-HY	Edward	23.6~24.7°C / 52~60%	12/Aug/2022~26/Aug/2022
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Putty Release 0.62

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	19
2417MHz	20
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17
2417MHz	20
2437MHz	23
2457MHz	19
2462MHz	16
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	19
2437MHz	23
2457MHz	19
2462MHz	15

2.2 The Worst Case Measurement Configuration

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

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

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

2.3 Support Equipment

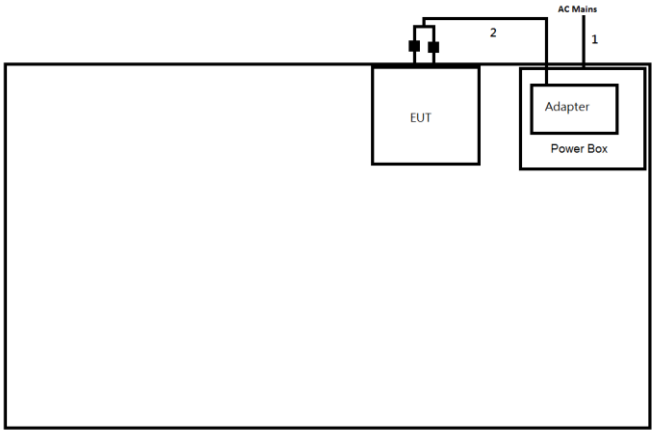
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Adapter	Ring	DLA24208	-	Provided by Customer

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

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Adapter	Ring	DLA24208	-	Provided by Customer

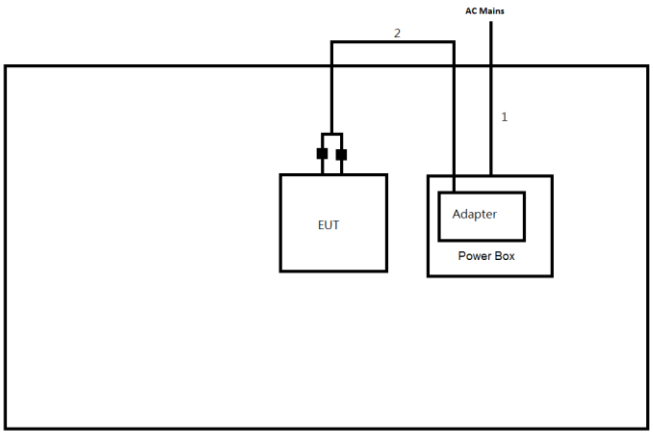
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	5.5

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	5.5

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

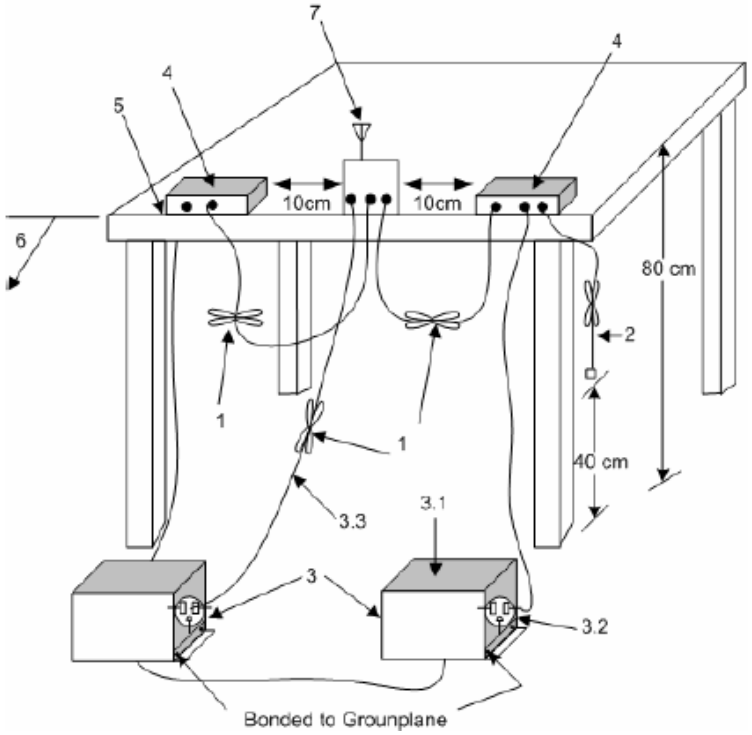
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

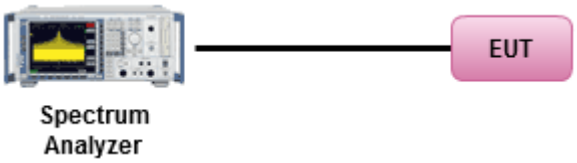
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

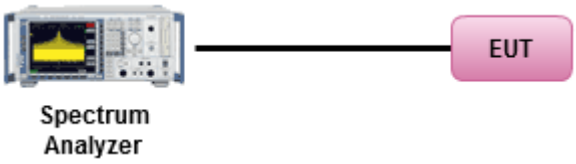
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

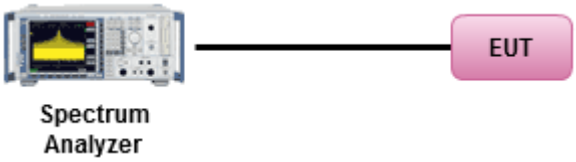
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

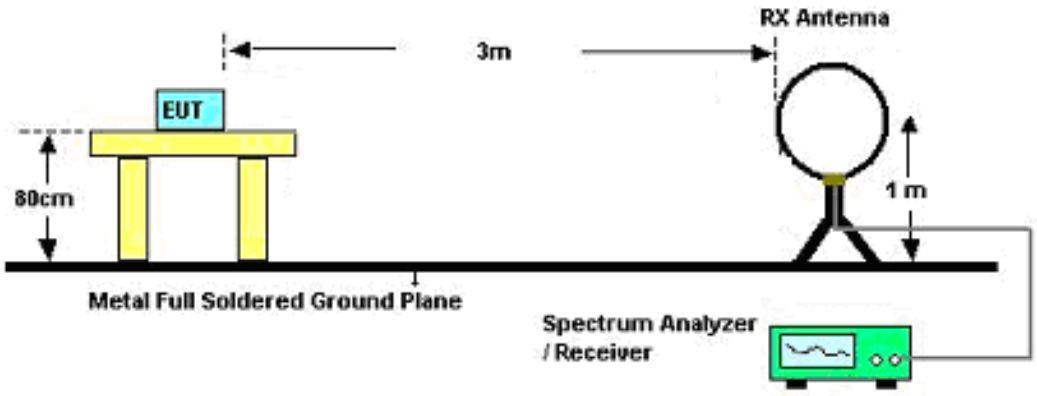
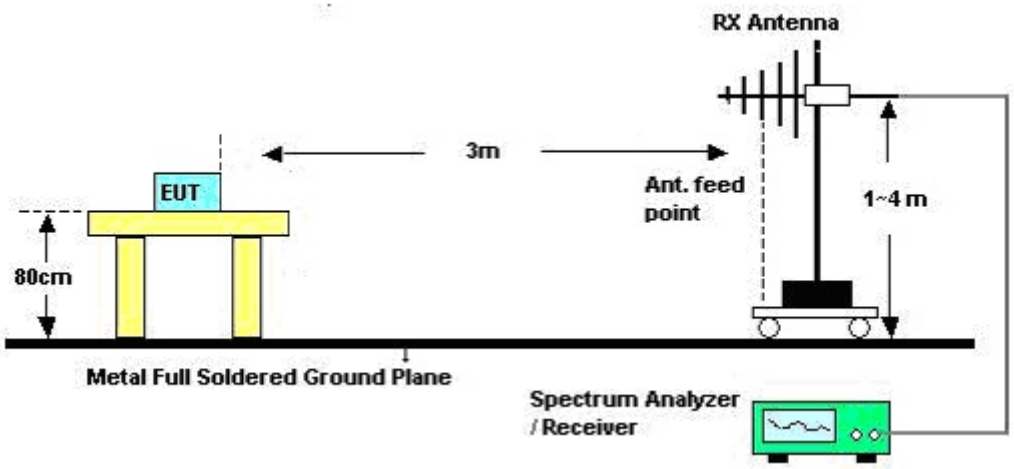
3.6.3 Test Procedures

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

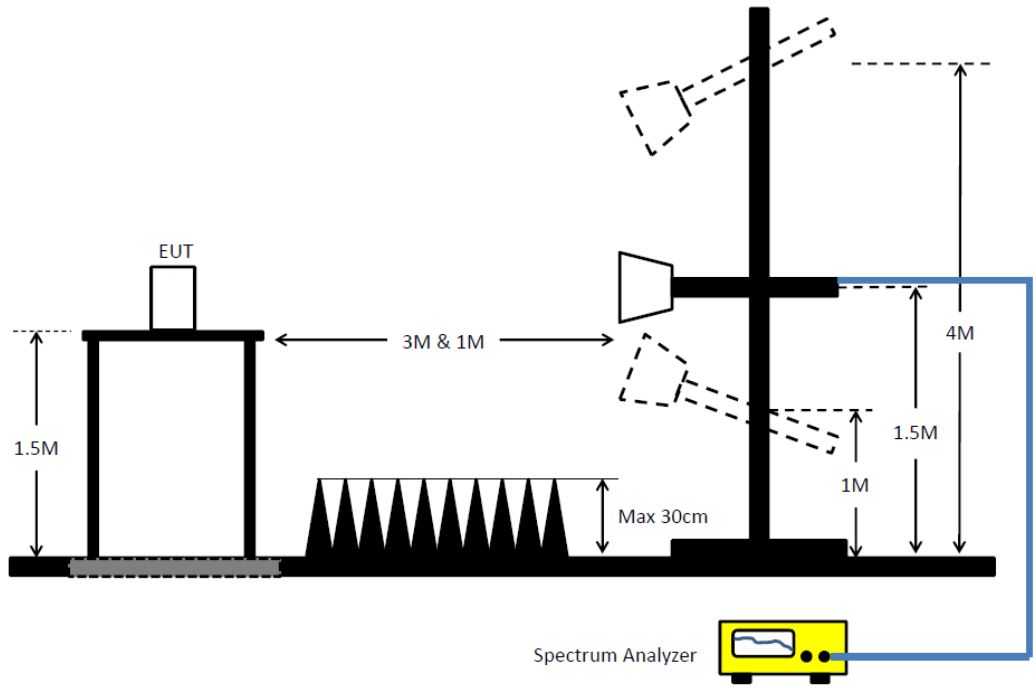
3.6.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15247_DTS	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	01/Aug/2022	31/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	08/Apr/2022	07/Apr/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	13/Jun/2022	12/Jun/2023
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	22/Mar/2022	21/Mar/2023
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	14/Jul/2022	13/Jul/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	v5.10.8.3	NA	NA	NA	NA

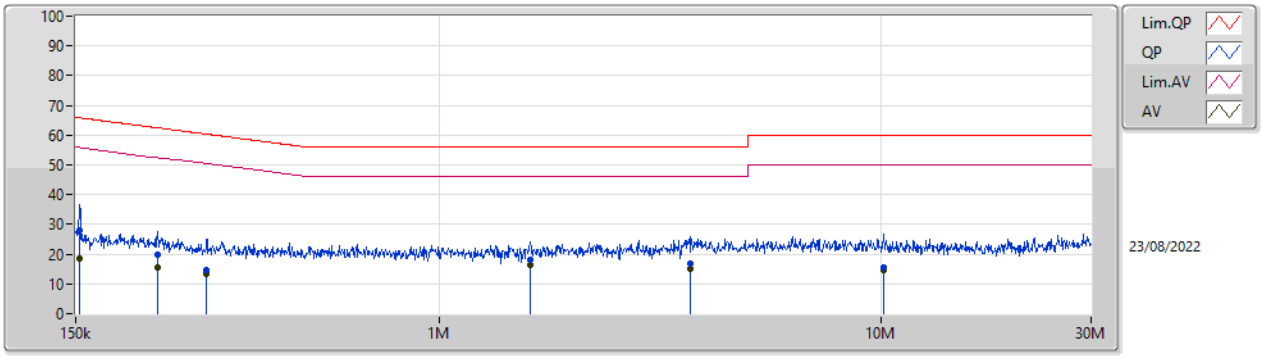
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	9.646M	24.13	50.00	-25.87	Neutral

Result

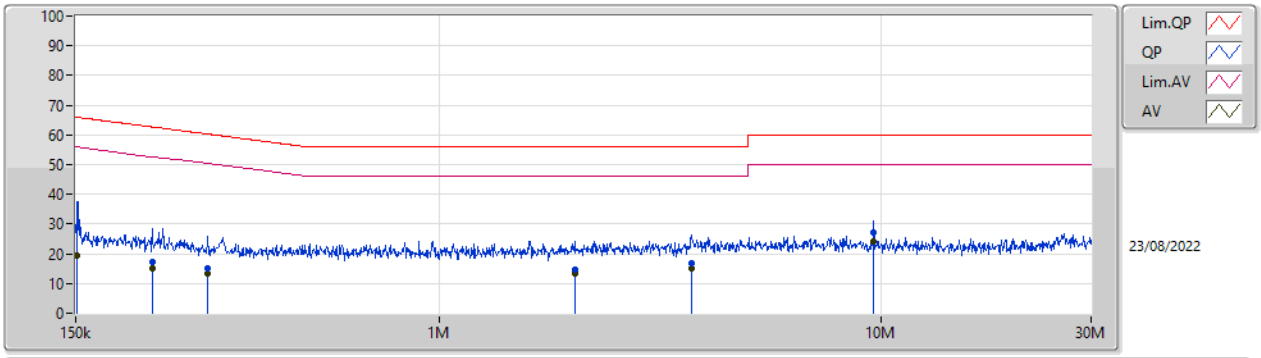
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	27.93	65.83	-37.90	Line	-
Mode 1	Pass	AV	153.024k	18.54	55.83	-37.29	Line	-
Mode 1	Pass	QP	229.932k	19.95	62.44	-42.49	Line	-
Mode 1	Pass	AV	229.932k	15.54	52.44	-36.90	Line	-
Mode 1	Pass	QP	296.863k	14.86	60.32	-45.46	Line	-
Mode 1	Pass	AV	296.863k	13.17	50.32	-37.15	Line	-
Mode 1	Pass	QP	1.607M	18.13	56.00	-37.87	Line	-
Mode 1	Pass	AV	1.607M	16.58	46.00	-29.42	Line	-
Mode 1	Pass	QP	3.701M	16.67	56.00	-39.33	Line	-
Mode 1	Pass	AV	3.701M	14.98	46.00	-31.02	Line	-
Mode 1	Pass	QP	10.16M	15.50	60.00	-44.50	Line	-
Mode 1	Pass	AV	10.16M	14.55	50.00	-35.45	Line	-
Mode 1	Pass	QP	151.202k	29.06	65.92	-36.86	Neutral	-
Mode 1	Pass	AV	151.202k	19.36	55.92	-36.56	Neutral	-
Mode 1	Pass	QP	223.595k	17.39	62.69	-45.30	Neutral	-
Mode 1	Pass	AV	223.595k	14.98	52.69	-37.71	Neutral	-
Mode 1	Pass	QP	299.243k	15.09	60.26	-45.17	Neutral	-
Mode 1	Pass	AV	299.243k	13.15	50.26	-37.11	Neutral	-
Mode 1	Pass	QP	2.025M	14.66	56.00	-41.34	Neutral	-
Mode 1	Pass	AV	2.025M	13.24	46.00	-32.76	Neutral	-
Mode 1	Pass	QP	3.73M	16.63	56.00	-39.37	Neutral	-
Mode 1	Pass	AV	3.73M	15.11	46.00	-30.89	Neutral	-
Mode 1	Pass	QP	9.646M	26.99	60.00	-33.01	Neutral	-
Mode 1	Pass	AV	9.646M	24.13	50.00	-25.87	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.024k	27.93	65.83	-37.90	19.63	Line	-	8.30	9.69	0.03	9.91
AV	153.024k	18.54	55.83	-37.29	19.63	Line	-	-1.09	9.69	0.03	9.91
QP	229.932k	19.95	62.44	-42.49	19.63	Line	-	0.32	9.69	0.03	9.91
AV	229.932k	15.54	52.44	-36.90	19.63	Line	-	-4.09	9.69	0.03	9.91
QP	296.863k	14.86	60.32	-45.46	19.64	Line	-	-4.78	9.69	0.04	9.91
AV	296.863k	13.17	50.32	-37.15	19.64	Line	-	-6.47	9.69	0.04	9.91
QP	1.607M	18.13	56.00	-37.87	19.68	Line	-	-1.55	9.69	0.07	9.92
AV	1.607M	16.58	46.00	-29.42	19.68	Line	-	-3.10	9.69	0.07	9.92
QP	3.701M	16.67	56.00	-39.33	19.73	Line	-	-3.06	9.69	0.12	9.92
AV	3.701M	14.98	46.00	-31.02	19.73	Line	-	-4.75	9.69	0.12	9.92
QP	10.16M	15.50	60.00	-44.50	19.80	Line	-	-4.30	9.69	0.18	9.93
AV	10.16M	14.55	50.00	-35.45	19.80	Line	-	-5.25	9.69	0.18	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.202k	29.06	65.92	-36.86	19.67	Neutral	-	9.39	9.73	0.03	9.91
AV	151.202k	19.36	55.92	-36.56	19.67	Neutral	-	-0.31	9.73	0.03	9.91
QP	223.595k	17.39	62.69	-45.30	19.66	Neutral	-	-2.27	9.72	0.03	9.91
AV	223.595k	14.98	52.69	-37.71	19.66	Neutral	-	-4.68	9.72	0.03	9.91
QP	299.243k	15.09	60.26	-45.17	19.67	Neutral	-	-4.58	9.72	0.04	9.91
AV	299.243k	13.15	50.26	-37.11	19.67	Neutral	-	-6.52	9.72	0.04	9.91
QP	2.025M	14.66	56.00	-41.34	19.74	Neutral	-	-5.08	9.74	0.08	9.92
AV	2.025M	13.24	46.00	-32.76	19.74	Neutral	-	-6.50	9.74	0.08	9.92
QP	3.73M	16.63	56.00	-39.37	19.81	Neutral	-	-3.18	9.76	0.13	9.92
AV	3.73M	15.11	46.00	-30.89	19.81	Neutral	-	-4.70	9.76	0.13	9.92
QP	9.646M	26.99	60.00	-33.01	19.99	Neutral	-	7.00	9.88	0.18	9.93
AV	9.646M	24.13	50.00	-25.87	19.99	Neutral	-	4.14	9.88	0.18	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	8.525M	13.943M	14M0G1D	7.975M	13.168M
802.11g_Nss1,(6Mbps)_2TX	16.3M	26.512M	26M6D1D	15.85M	16.442M
VHT20_Nss1,(MCS0)_2TX	16.925M	27.361M	27M4D1D	16.3M	17.591M

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

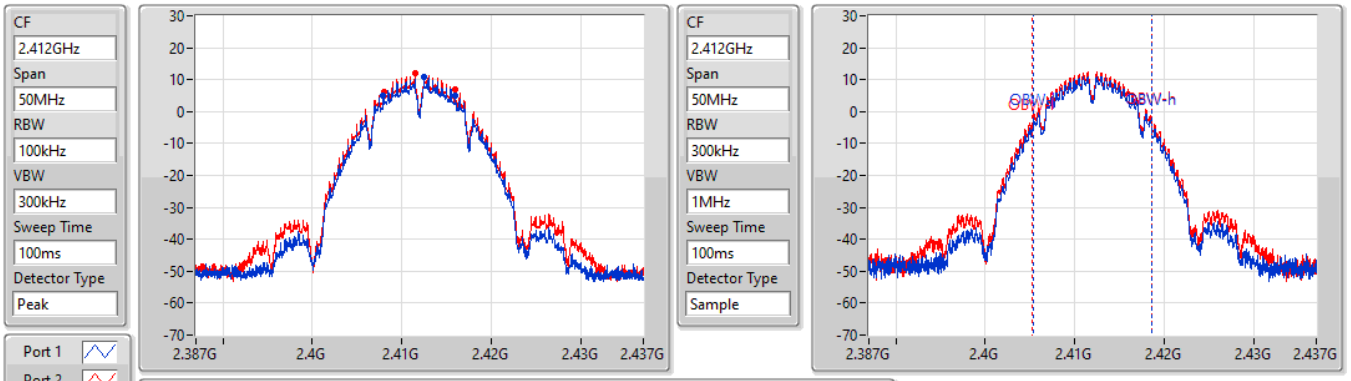
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	13.168M	7.975M	13.343M
2437MHz	Pass	500k	8.525M	13.468M	8.525M	13.943M
2462MHz	Pass	500k	8.075M	13.293M	8.025M	13.768M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.442M	16.3M	16.542M
2437MHz	Pass	500k	16.3M	24.988M	15.85M	26.512M
2462MHz	Pass	500k	16.3M	16.517M	16.275M	16.492M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.9M	17.641M	16.5M	17.641M
2437MHz	Pass	500k	16.3M	24.763M	16.875M	27.361M
2462MHz	Pass	500k	16.675M	17.591M	16.925M	17.616M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

19/08/2022

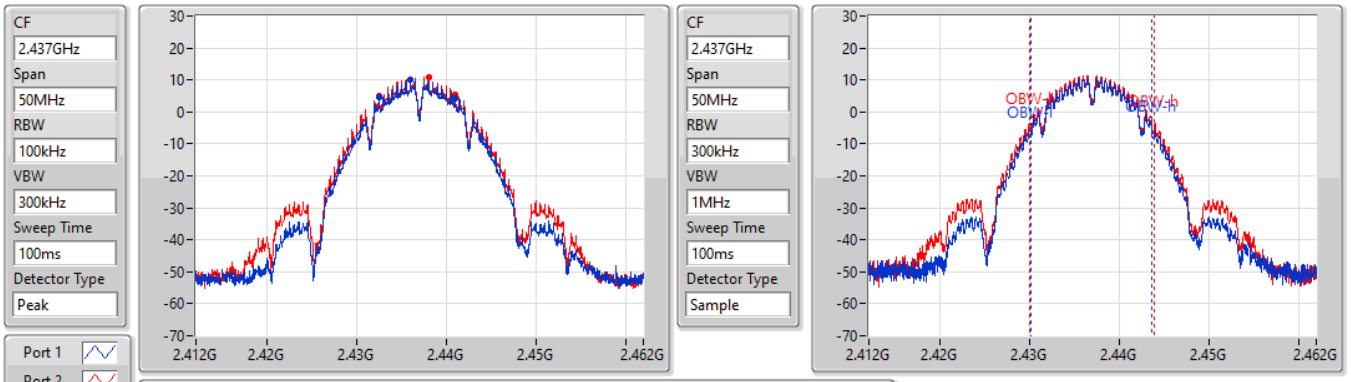


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.40795G	2.415975G	13.168M	2.405378G	2.418547G	500k	1
7.975M	2.408G	2.415975G	13.343M	2.405253G	2.418597G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

19/08/2022

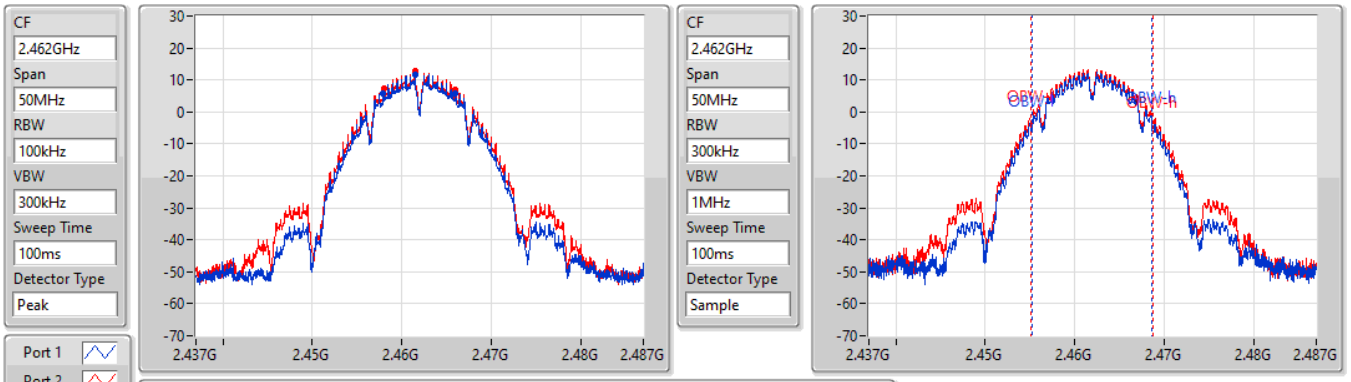


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.432475G	2.441G	13.468M	2.430153G	2.443622G	500k	1
8.525M	2.432475G	2.441G	13.943M	2.429954G	2.443897G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

19/08/2022

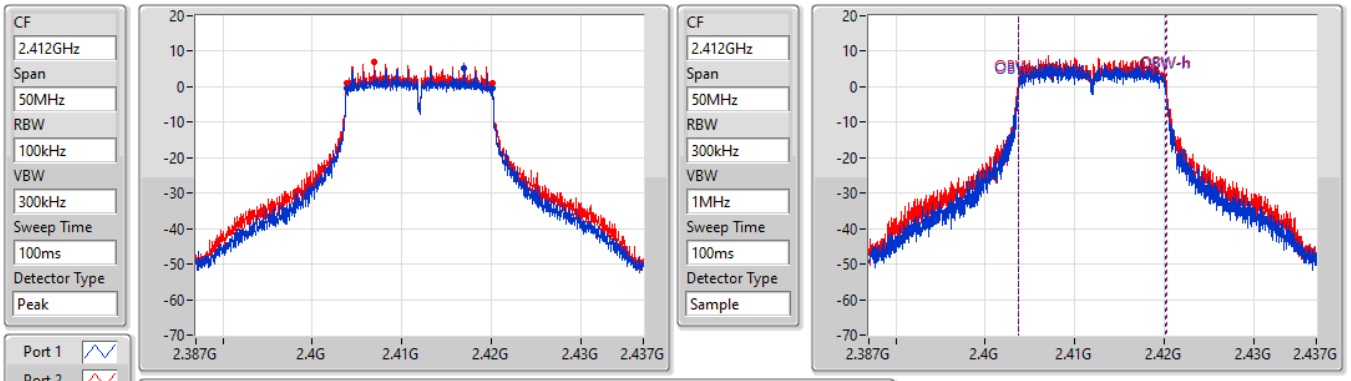


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.45795G	2.466025G	13.293M	2.455303G	2.468597G	500k	1
8.025M	2.457975G	2.466G	13.768M	2.455053G	2.468822G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

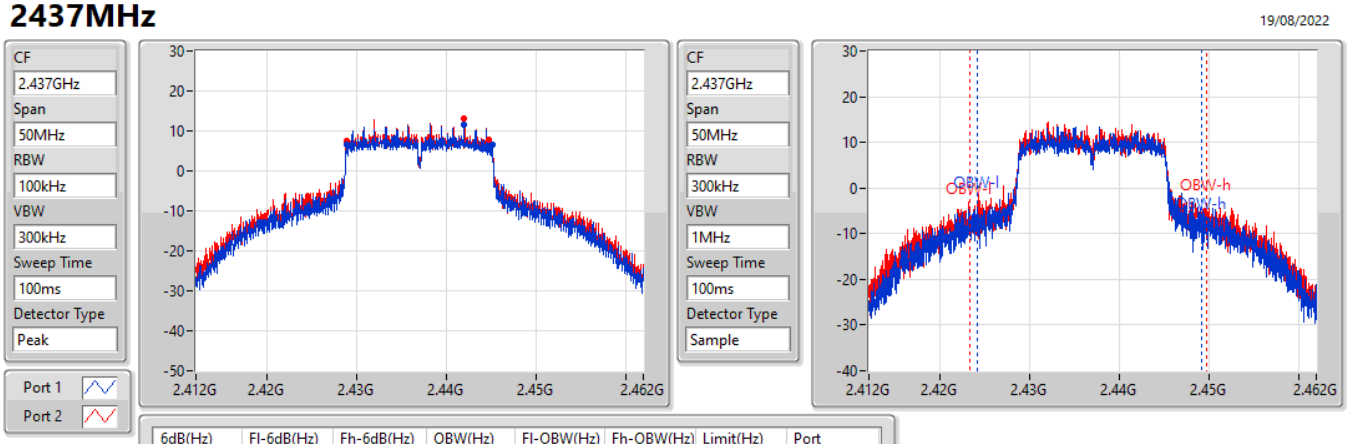
19/08/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.403825G	2.4201G	16.442M	2.403729G	2.420171G	500k	1
16.3M	2.403825G	2.420125G	16.542M	2.403679G	2.420221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

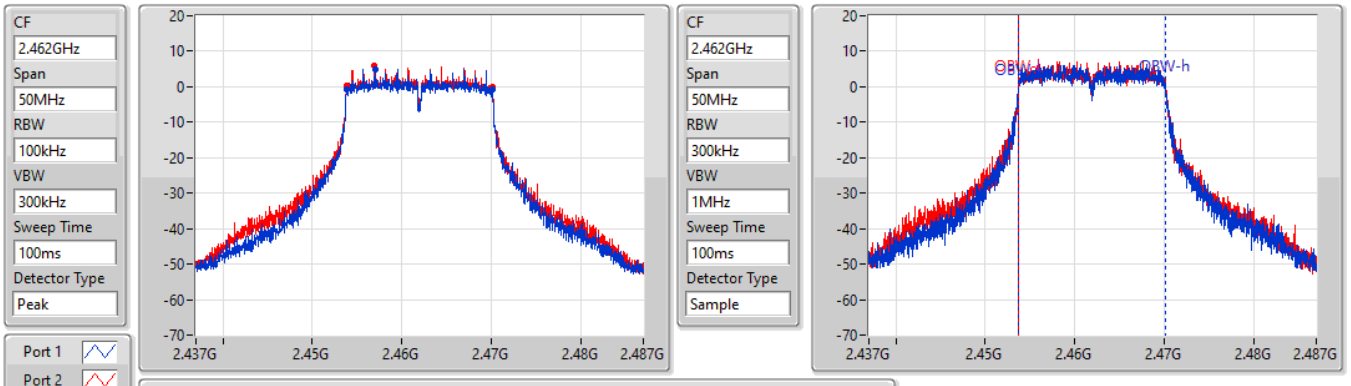
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	24.988M	2.424181G	2.449169G	500k	1
15.85M	2.428875G	2.444725G	26.512M	2.423257G	2.449769G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz



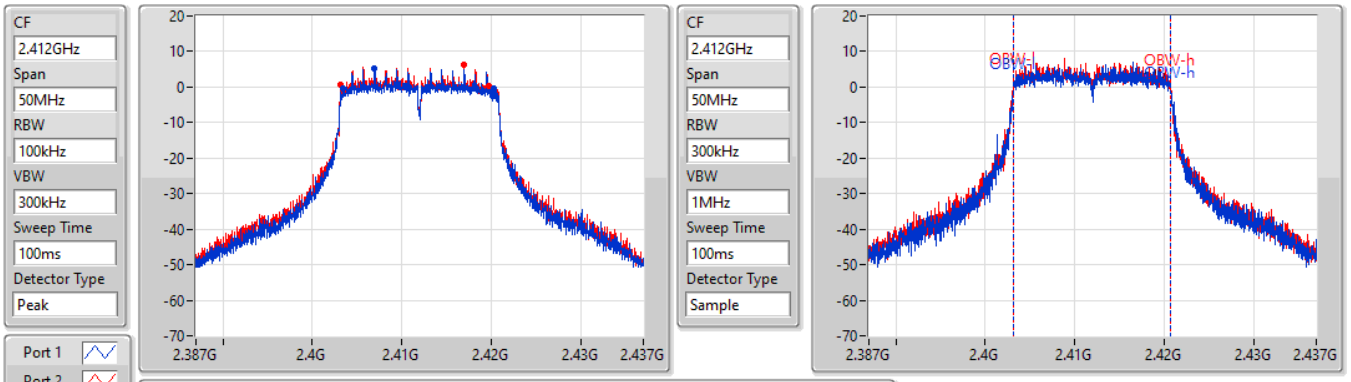
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.517M	2.453679G	2.470196G	500k	1
16.275M	2.45385G	2.470125G	16.492M	2.453704G	2.470196G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

19/08/2022



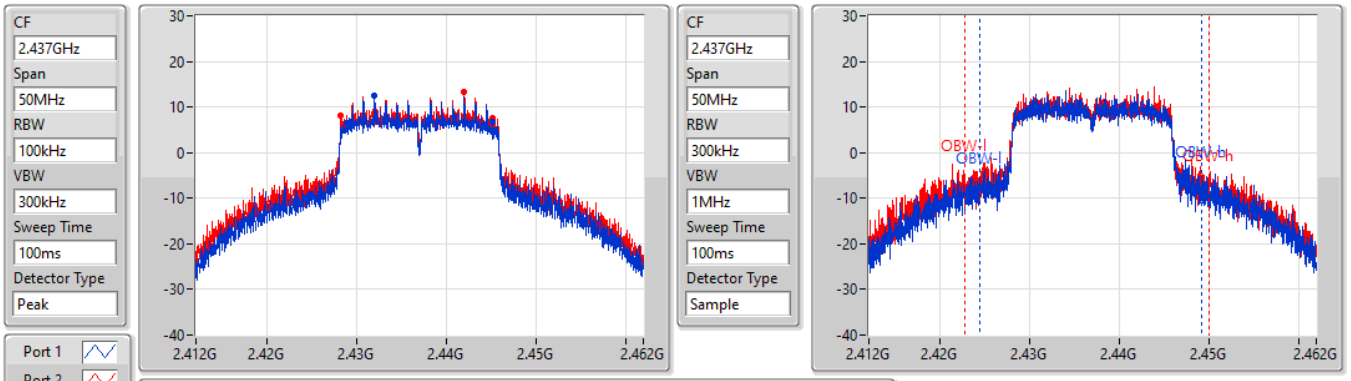
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.40345G	2.42035G	17.641M	2.403129G	2.420771G	500k	1
16.5M	2.403225G	2.419725G	17.641M	2.403104G	2.420746G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

19/08/2022

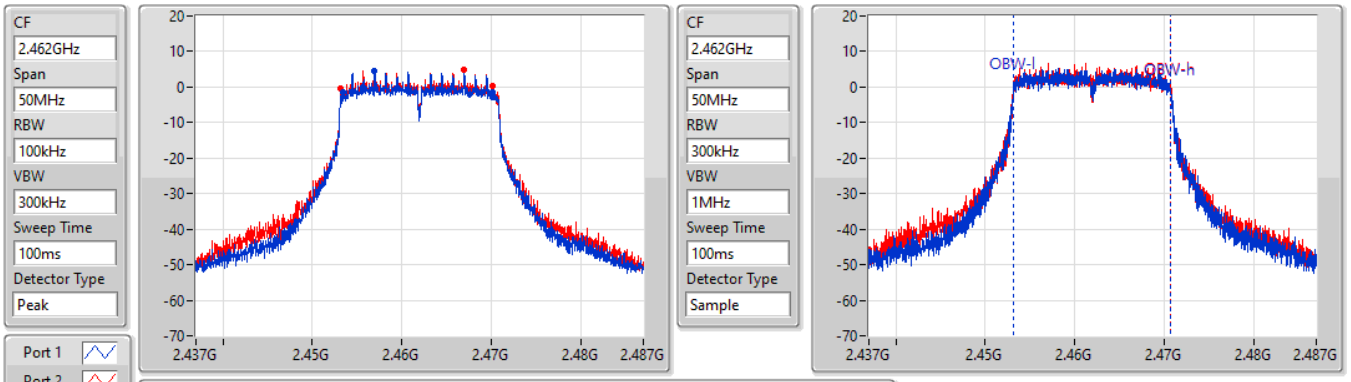


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	24.763M	2.424381G	2.449144G	500k	1
16.875M	2.428225G	2.4451G	27.361M	2.422657G	2.450018G	500k	2

VHT20_Nss1,(MCS0)_2TX **EBW**

2462MHz

19/08/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.675M	2.45345G	2.470125G	17.591M	2.453154G	2.470746G	500k	1
16.925M	2.4532G	2.470125G	17.616M	2.453129G	2.470746G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.52	0.22491
802.11g_Nss1,(6Mbps)_2TX	25.45	0.35075
VHT20_Nss1,(MCS0)_2TX	25.77	0.37757

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	18.48	19.85	22.23	30.00
2417MHz	Pass	0.72	19.46	20.78	23.18	30.00
2437MHz	Pass	0.72	19.87	20.87	23.41	30.00
2462MHz	Pass	0.72	20.00	20.96	23.52	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	16.08	17.35	19.77	30.00
2417MHz	Pass	0.72	19.04	20.24	22.69	30.00
2437MHz	Pass	0.72	22.17	22.70	25.45	30.00
2457MHz	Pass	0.72	18.40	19.45	21.97	30.00
2462MHz	Pass	0.72	15.97	16.06	19.03	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.72	15.51	15.98	18.76	30.00
2417MHz	Pass	0.72	17.86	19.13	21.55	30.00
2437MHz	Pass	0.72	22.70	22.82	25.77	30.00
2457MHz	Pass	0.72	18.31	19.35	21.87	30.00
2462MHz	Pass	0.72	14.77	15.46	18.14	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	-0.51
802.11g_Nss1,(6Mbps)_2TX	-1.52
VHT20_Nss1,(MCS0)_2TX	-1.81

RBW = 3kHz;

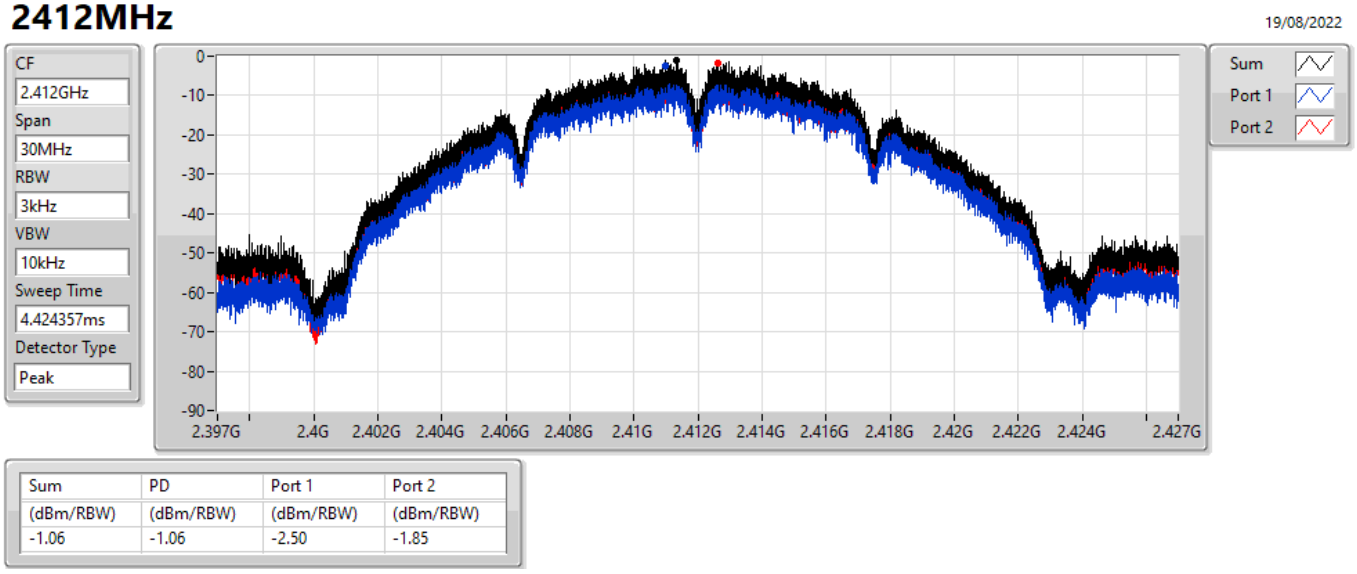
Result

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	3.73	-2.50	-1.85	-1.06	8.00
2437MHz	Pass	3.73	-5.08	-4.46	-2.74	8.00
2462MHz	Pass	3.73	-2.32	-2.89	-0.51	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.73	-9.84	-8.34	-7.00	8.00
2437MHz	Pass	3.73	-3.25	-3.30	-1.52	8.00
2462MHz	Pass	3.73	-9.51	-10.10	-7.38	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.73	-9.64	-9.22	-8.43	8.00
2437MHz	Pass	3.73	-3.45	-3.75	-1.81	8.00
2462MHz	Pass	3.73	-11.26	-10.32	-8.36	8.00

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

802.11b_Nss1,(1Mbps)_2TX PSD

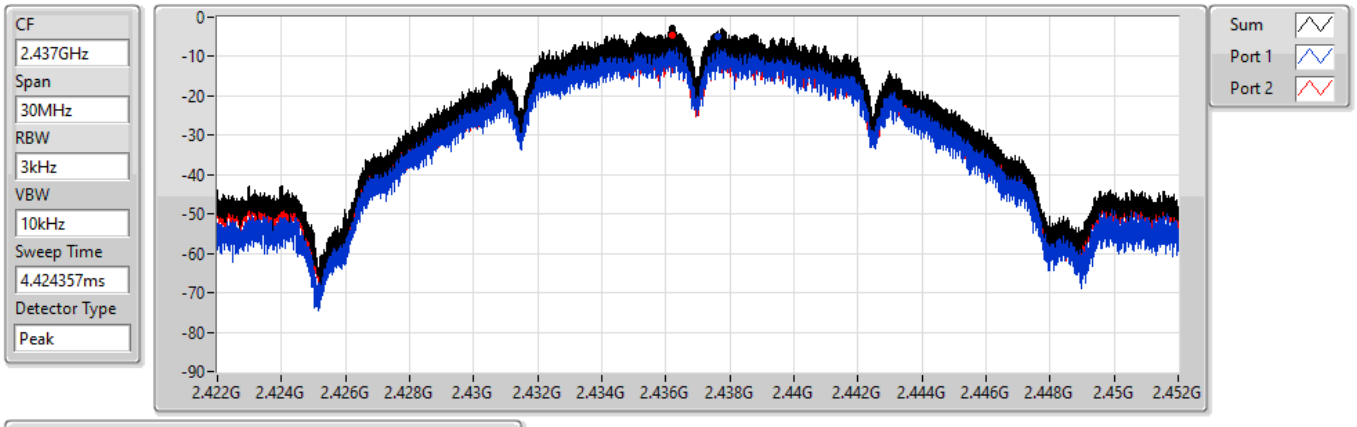
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.06	-1.06	-2.50	-1.85

802.11b_Nss1,(1Mbps)_2TX PSD

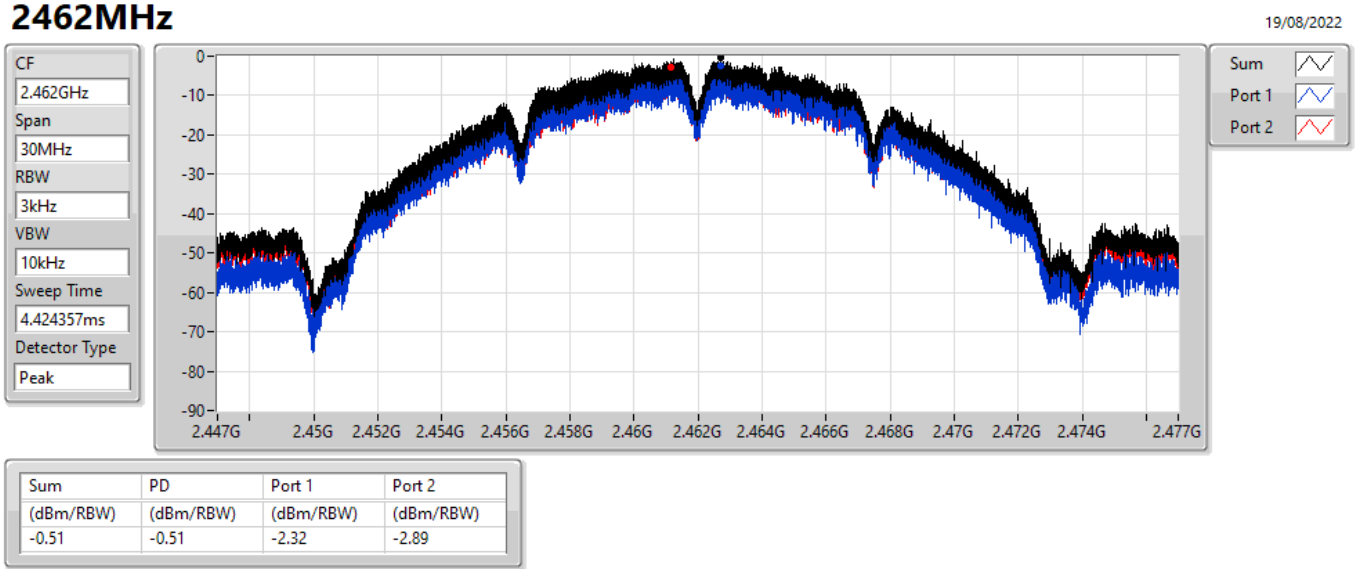
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.74	-2.74	-5.08	-4.46

802.11b_Nss1,(1Mbps)_2TX PSD

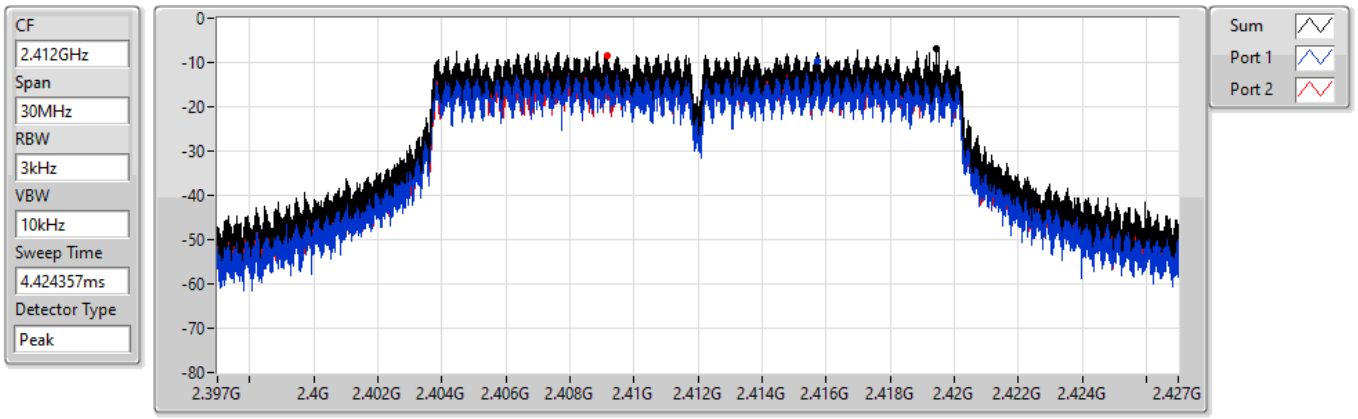
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.51	-0.51	-2.32	-2.89

802.11g_Nss1,(6Mbps)_2TX PSD

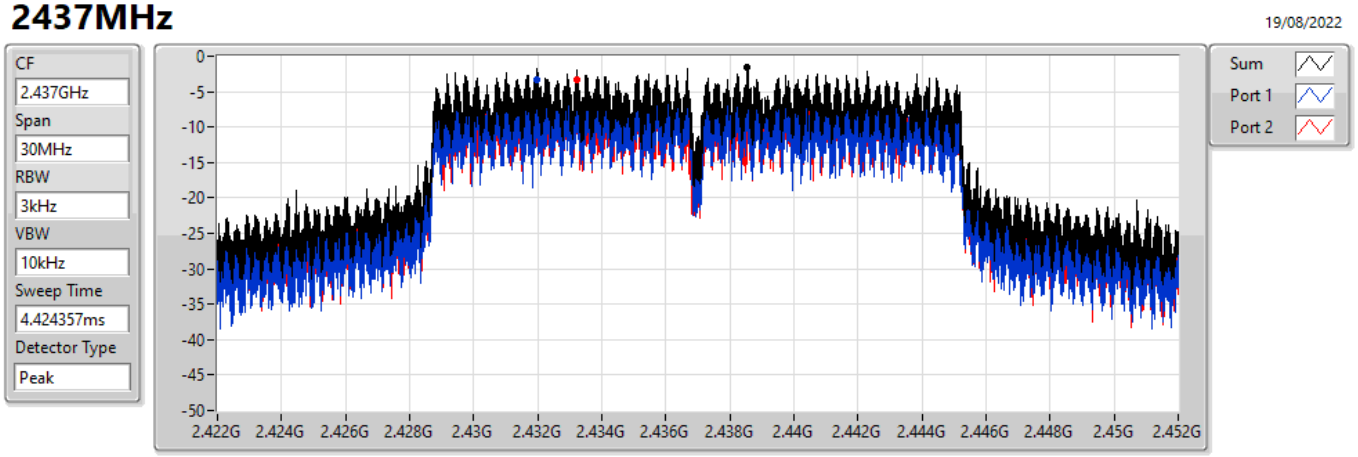
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.00	-7.00	-9.84	-8.34

802.11g_Nss1,(6Mbps)_2TX PSD

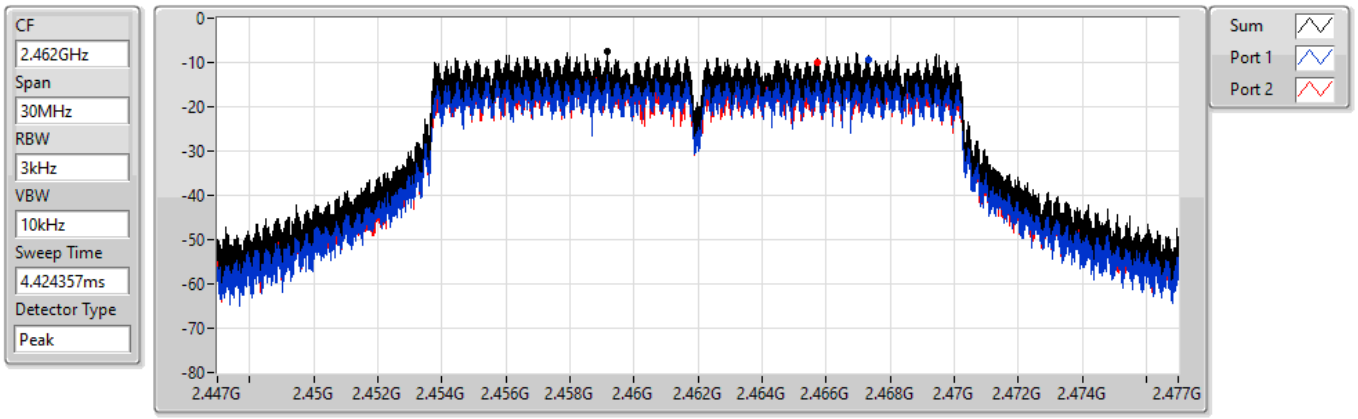
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.52	-1.52	-3.25	-3.30

802.11g_Nss1,(6Mbps)_2TX PSD

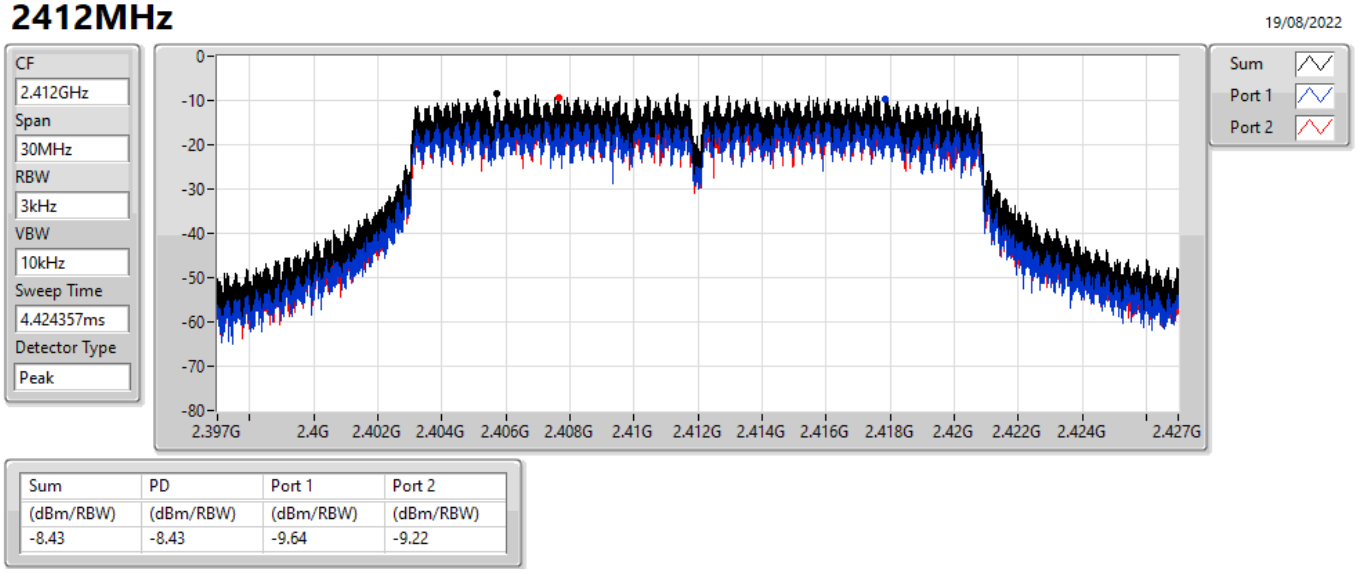
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.38	-7.38	-9.51	-10.10

VHT20_Nss1,(MCS0)_2TX PSD

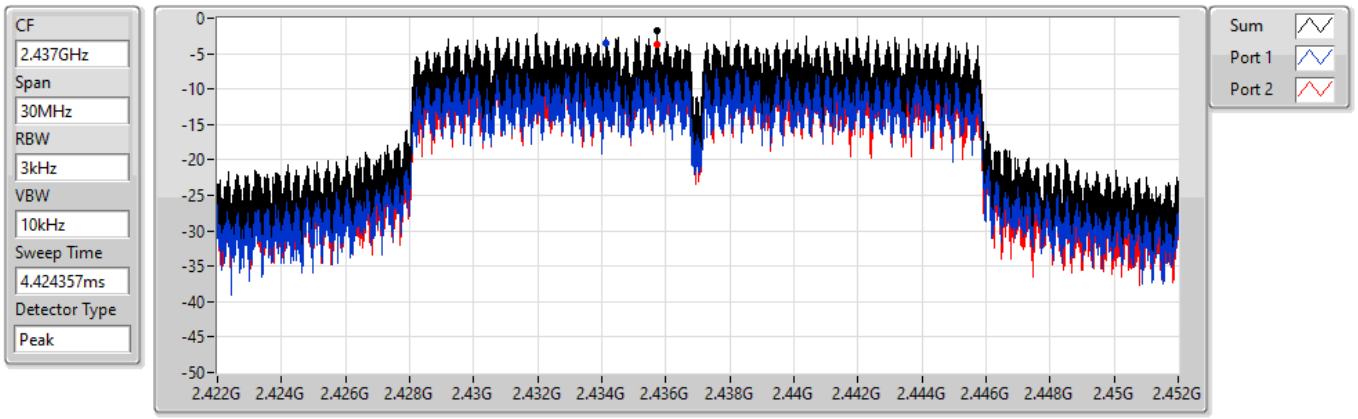
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.43	-8.43	-9.64	-9.22

VHT20_Nss1,(MCS0)_2TX PSD

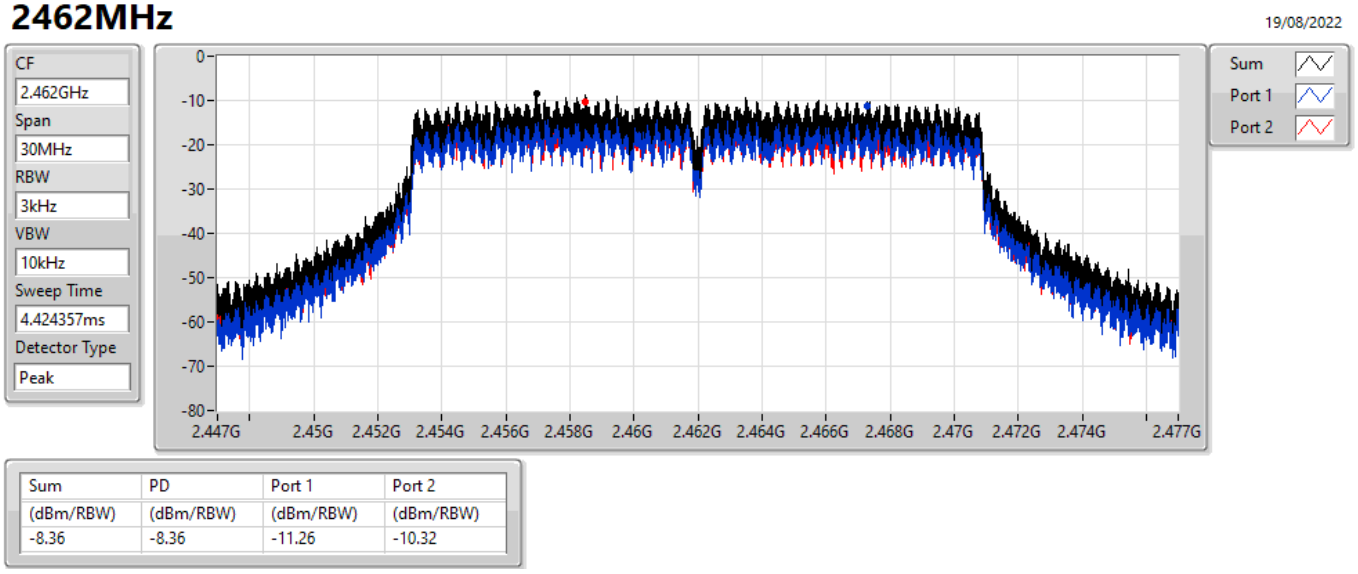
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.81	-1.81	-3.45	-3.75

VHT20_Nss1,(MCS0)_2TX PSD

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.36	-8.36	-11.26	-10.32

Summary

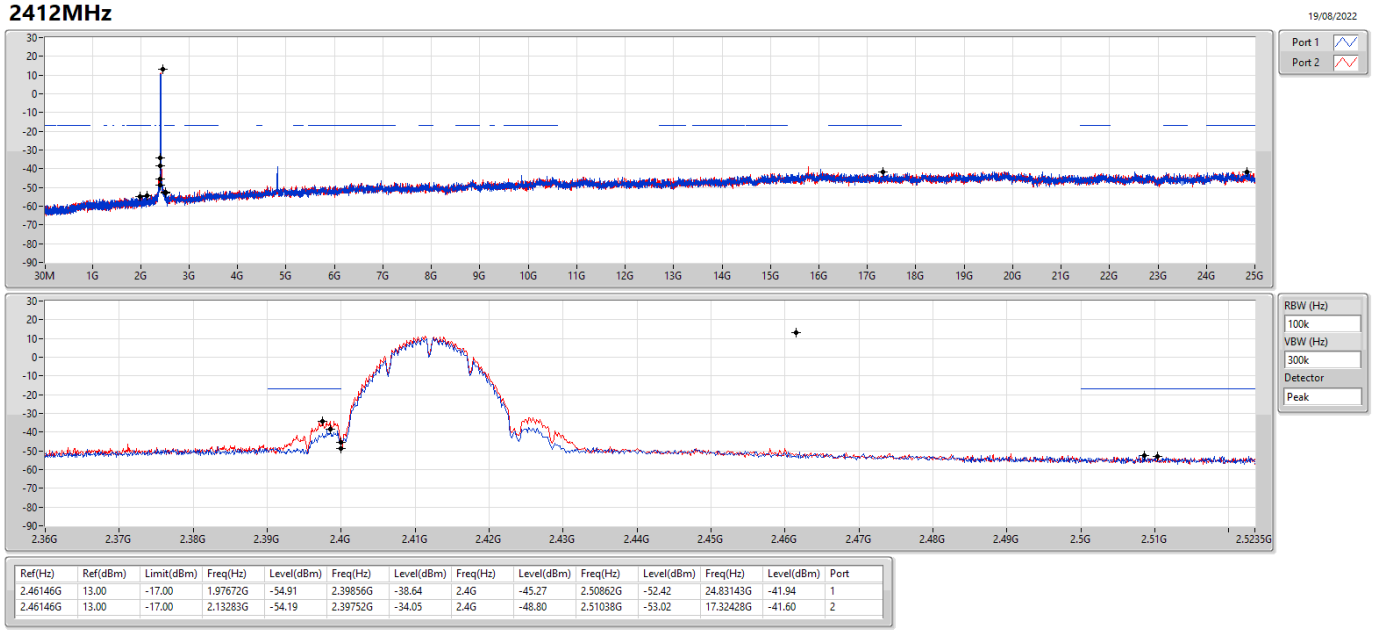
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46146G	13.00	-17.00	2.13283G	-54.19	2.39752G	-34.05	2.4G	-48.80	2.51038G	-53.02	17.32428G	-41.60	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	13.19	-16.81	2.30175G	-53.91	2.39952G	-24.88	2.4G	-24.59	2.5139G	-52.42	24.99719G	-41.22	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.44192G	13.37	-16.63	2.30059G	-54.57	2.39984G	-27.21	2.4G	-26.15	2.50206G	-53.11	16.55726G	-41.19	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	2.46146G	13.00	-17.00	1.97672G	-54.91	2.39856G	-38.64	2.4G	-45.27	2.50862G	-52.42	24.83143G	-41.94	1
2412MHz	Pass	2.46146G	13.00	-17.00	2.13283G	-54.19	2.39752G	-34.05	2.4G	-48.80	2.51038G	-53.02	17.32428G	-41.60	2
2437MHz	Pass	2.46146G	13.00	-17.00	2.18409G	-54.70	2.39552G	-49.74	2.4G	-51.13	2.51102G	-52.68	24.53923G	-41.28	1
2437MHz	Pass	2.46146G	13.00	-17.00	2.14331G	-53.35	2.39968G	-48.37	2.4G	-49.37	2.51942G	-51.18	24.24142G	-41.23	2
2462MHz	Pass	2.46146G	13.00	-17.00	1.99536G	-55.30	2.39776G	-52.40	2.4G	-53.62	2.50366G	-50.49	24.58699G	-41.88	1
2462MHz	Pass	2.46146G	13.00	-17.00	2.18176G	-54.16	2.39936G	-51.37	2.4G	-52.32	2.50998G	-49.93	21.87015G	-41.94	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	13.19	-16.81	2.15962G	-53.88	2.39992G	-26.30	2.4G	-27.26	2.51622G	-52.32	24.28356G	-40.43	1
2412MHz	Pass	2.44192G	13.19	-16.81	2.30175G	-53.91	2.39952G	-24.88	2.4G	-24.59	2.5139G	-52.42	24.99719G	-41.22	2
2437MHz	Pass	2.44192G	13.19	-16.81	2.03264G	-54.82	2.39992G	-40.07	2.4G	-39.47	2.50062G	-50.68	24.56452G	-41.99	1
2437MHz	Pass	2.44192G	13.19	-16.81	2.30175G	-53.85	2.39984G	-36.97	2.4G	-36.24	2.50134G	-50.93	24.80052G	-41.87	2
2462MHz	Pass	2.44192G	13.19	-16.81	1.94177G	-53.99	2.39664G	-51.88	2.4G	-53.90	2.50038G	-49.56	24.5898G	-41.67	1
2462MHz	Pass	2.44192G	13.19	-16.81	2.18991G	-54.99	2.3964G	-51.56	2.4G	-52.83	2.51006G	-49.00	21.54143G	-41.69	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	13.37	-16.63	2.1969G	-55.16	2.39984G	-29.66	2.4G	-29.19	2.50262G	-53.12	24.21051G	-41.38	1
2412MHz	Pass	2.44192G	13.37	-16.63	2.30059G	-54.57	2.39984G	-27.21	2.4G	-26.15	2.50206G	-53.11	16.55726G	-41.19	2
2437MHz	Pass	2.44192G	13.37	-16.63	1.80779G	-54.63	2.39984G	-33.22	2.4G	-32.74	2.50014G	-49.67	24.52237G	-41.13	1
2437MHz	Pass	2.44192G	13.37	-16.63	1.82294G	-54.93	2.39952G	-34.07	2.4G	-34.65	2.50686G	-49.88	24.17961G	-41.43	2
2462MHz	Pass	2.44192G	13.37	-16.63	2.30758G	-54.98	2.3916G	-50.88	2.4G	-54.05	2.50062G	-49.96	24.13185G	-41.39	1
2462MHz	Pass	2.44192G	13.37	-16.63	2.30292G	-53.83	2.396G	-51.84	2.4G	-53.67	2.50998G	-48.17	16.49545G	-41.47	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

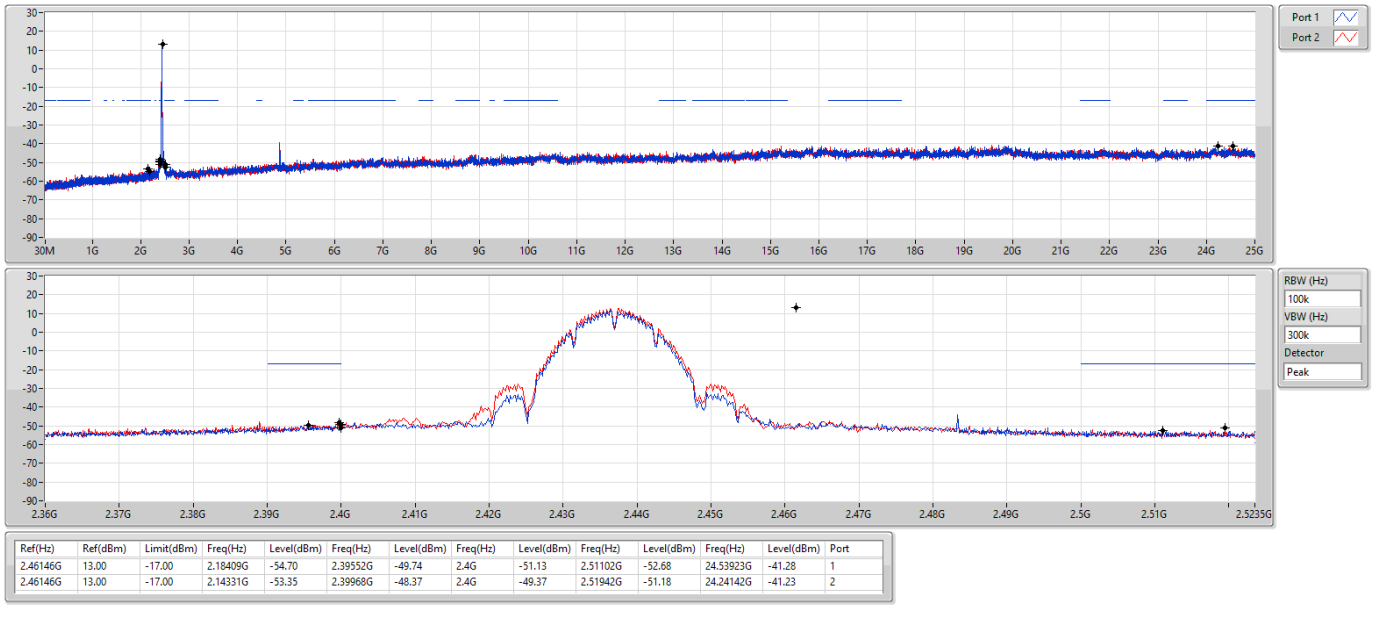
2412MHz



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
2.46146G	13.00	-17.00	1.97672G	-54.91	2.39856G	-38.64	2.4G	-45.27	2.50862G	-52.42	24.83143G	-41.94	1
2.46146G	13.00	-17.00	2.13283G	-54.19	2.39752G	-34.05	2.4G	-48.80	2.51038G	-53.02	17.32428G	-41.60	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

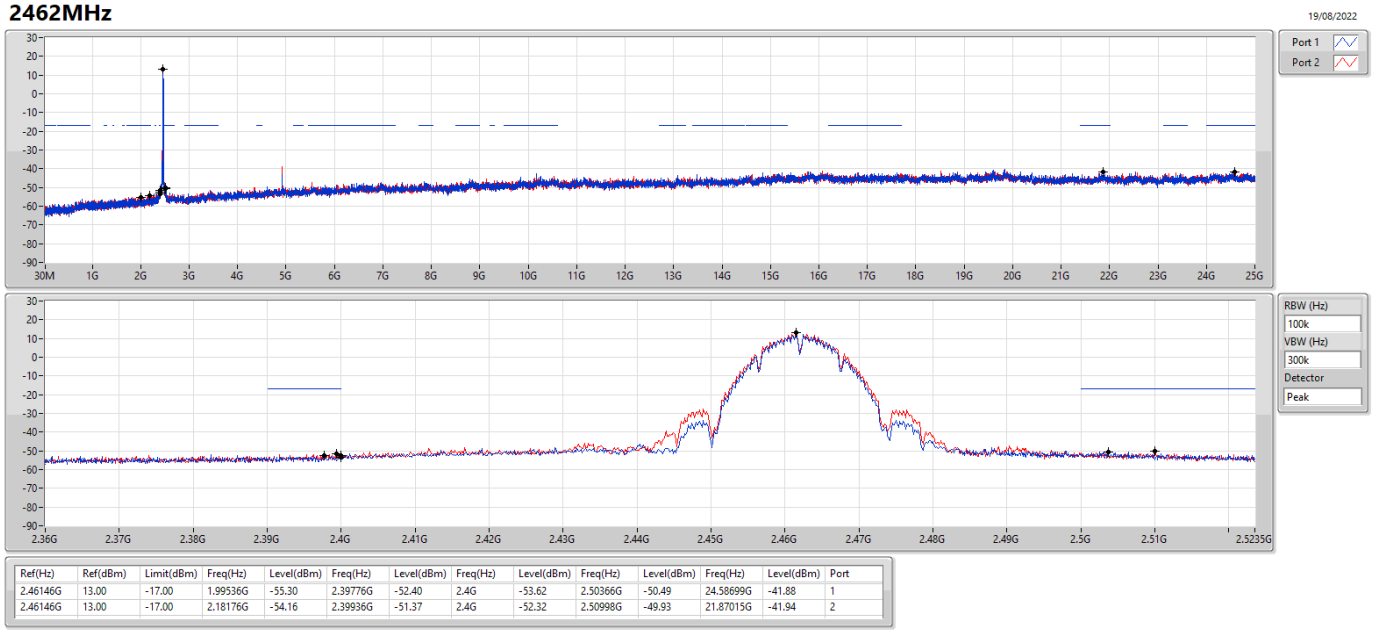
2437MHz



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
2.46146G	13.00	-17.00	2.18409G	-54.70	2.39552G	-49.74	2.4G	-51.13	2.51102G	-52.68	24.53923G	-41.28	1
2.46146G	13.00	-17.00	2.14331G	-53.35	2.39968G	-48.37	2.4G	-49.37	2.51942G	-51.18	24.24142G	-41.23	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

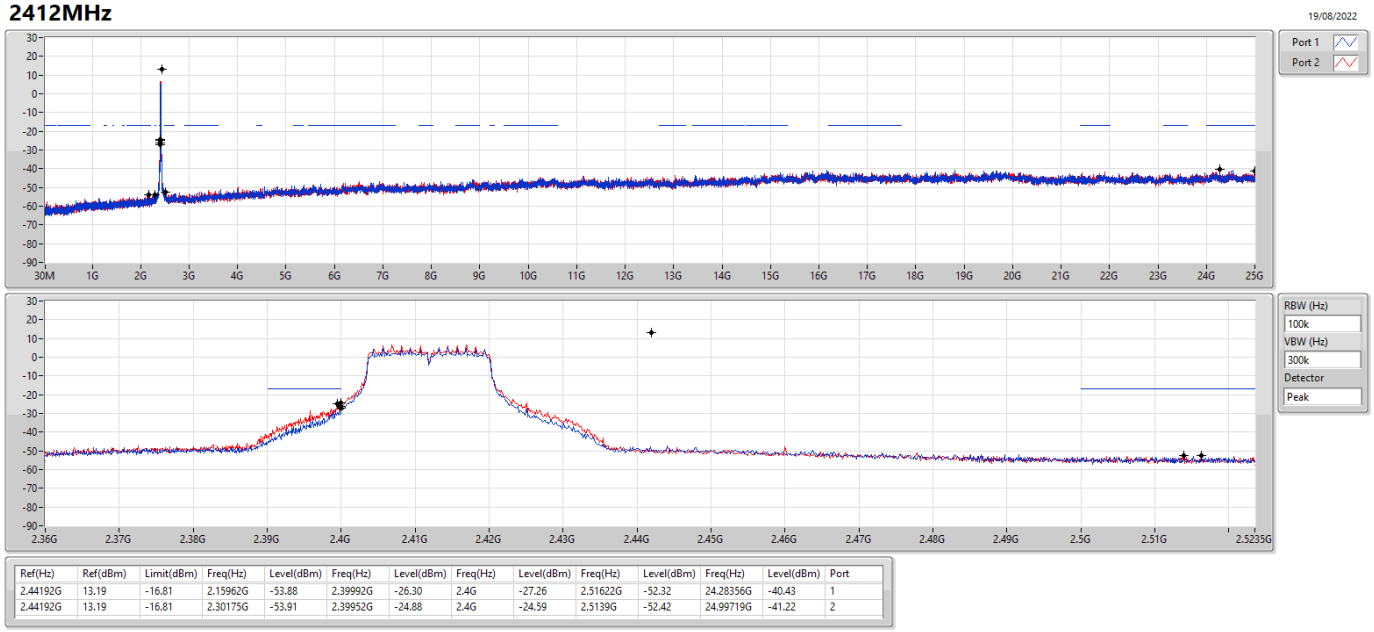
2462MHz



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
2.46146G	13.00	-17.00	1.99536G	-55.30	2.39776G	-52.40	2.4G	-53.62	2.50366G	-50.49	24.58699G	-41.88	1
2.46146G	13.00	-17.00	2.18176G	-54.16	2.39936G	-51.37	2.4G	-52.32	2.50998G	-49.93	21.87015G	-41.94	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

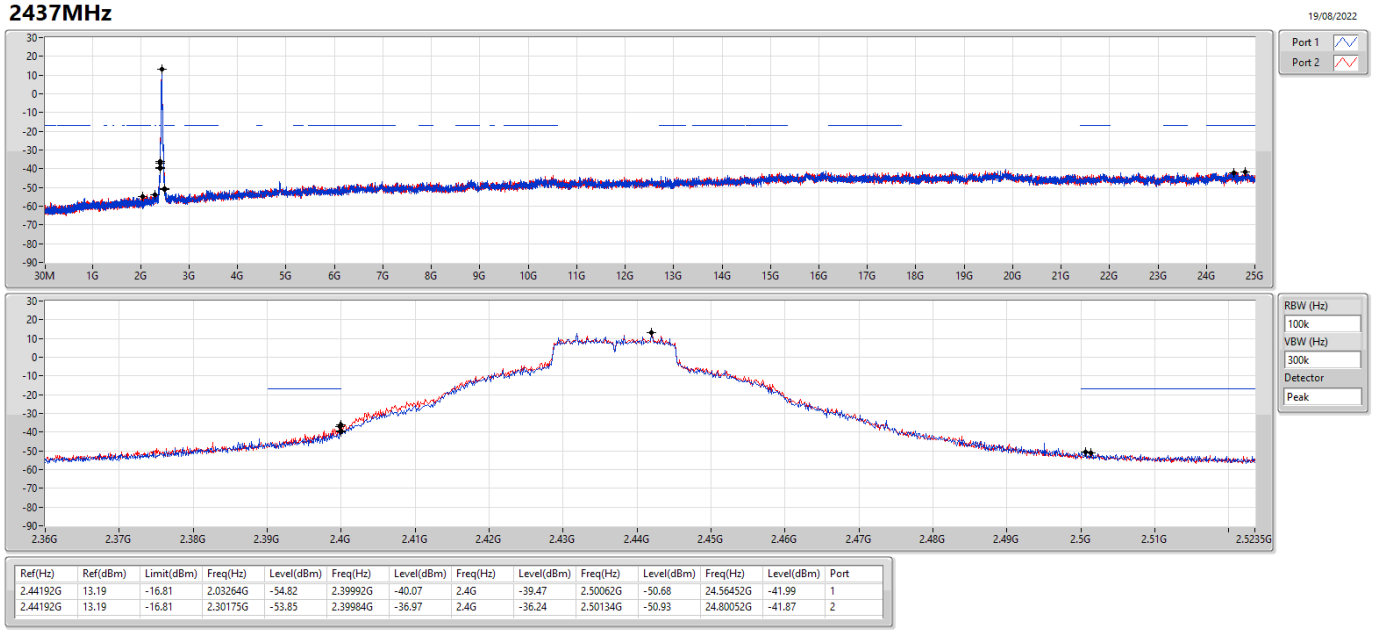
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.19	-16.81	2.15962G	-53.88	2.39992G	-26.30	2.4G	-27.26	2.51622G	-52.32	24.28356G	-40.43	1
2.44192G	13.19	-16.81	2.30175G	-53.91	2.39952G	-24.88	2.4G	-24.59	2.5139G	-52.42	24.99719G	-41.22	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

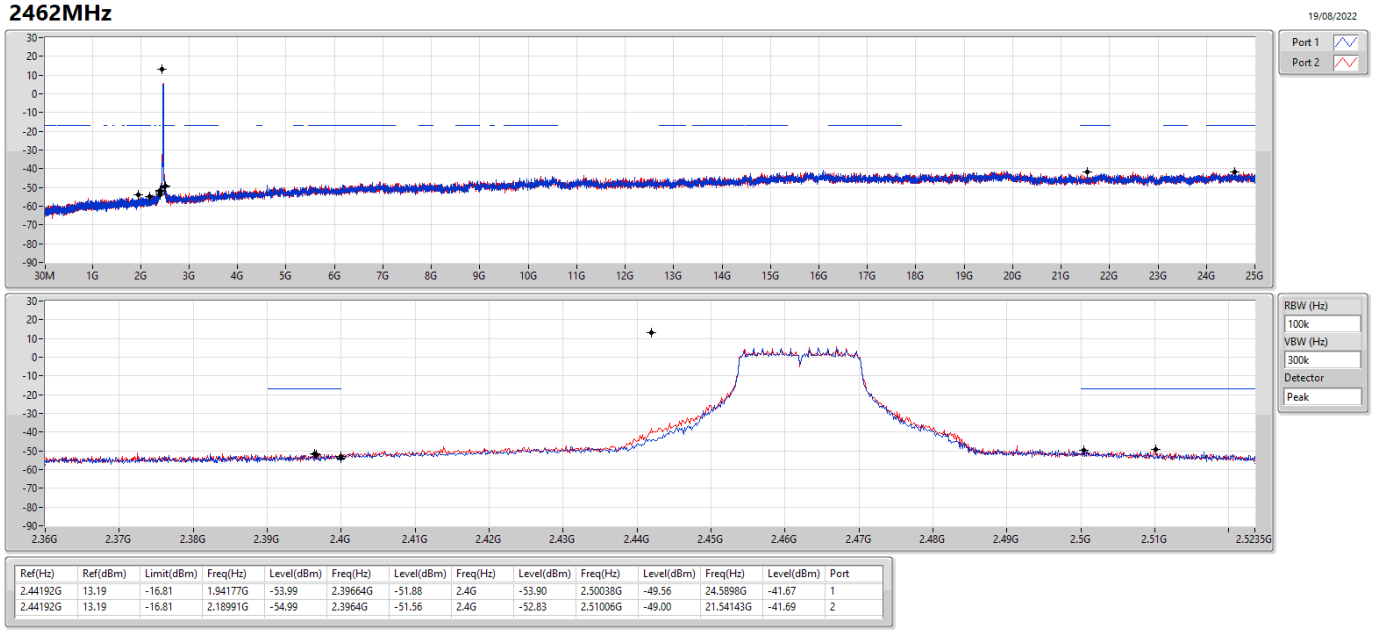
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.19	-16.81	2.03264G	-54.82	2.39992G	-40.07	2.4G	-39.47	2.50062G	-50.68	24.56452G	-41.99	1
2.44192G	13.19	-16.81	2.30175G	-53.85	2.39984G	-36.97	2.4G	-36.24	2.50134G	-50.93	24.80052G	-41.87	2

802.11g_Nss1,(6Mbps)_2TX **CSENdB**

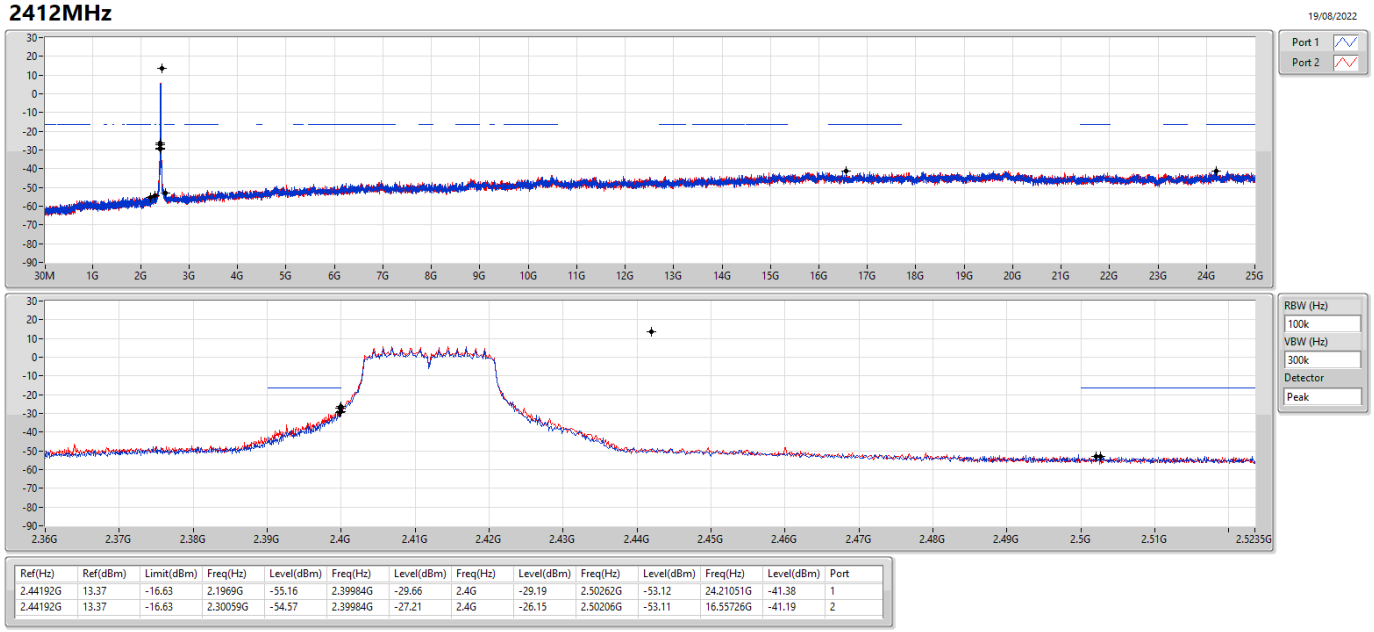
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.19	-16.81	1.94177G	-53.99	2.39664G	-51.88	2.4G	-53.90	2.50038G	-49.56	24.5898G	-41.67	1
2.44192G	13.19	-16.81	2.18991G	-54.99	2.3964G	-51.56	2.4G	-52.83	2.51006G	-49.00	21.54143G	-41.69	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

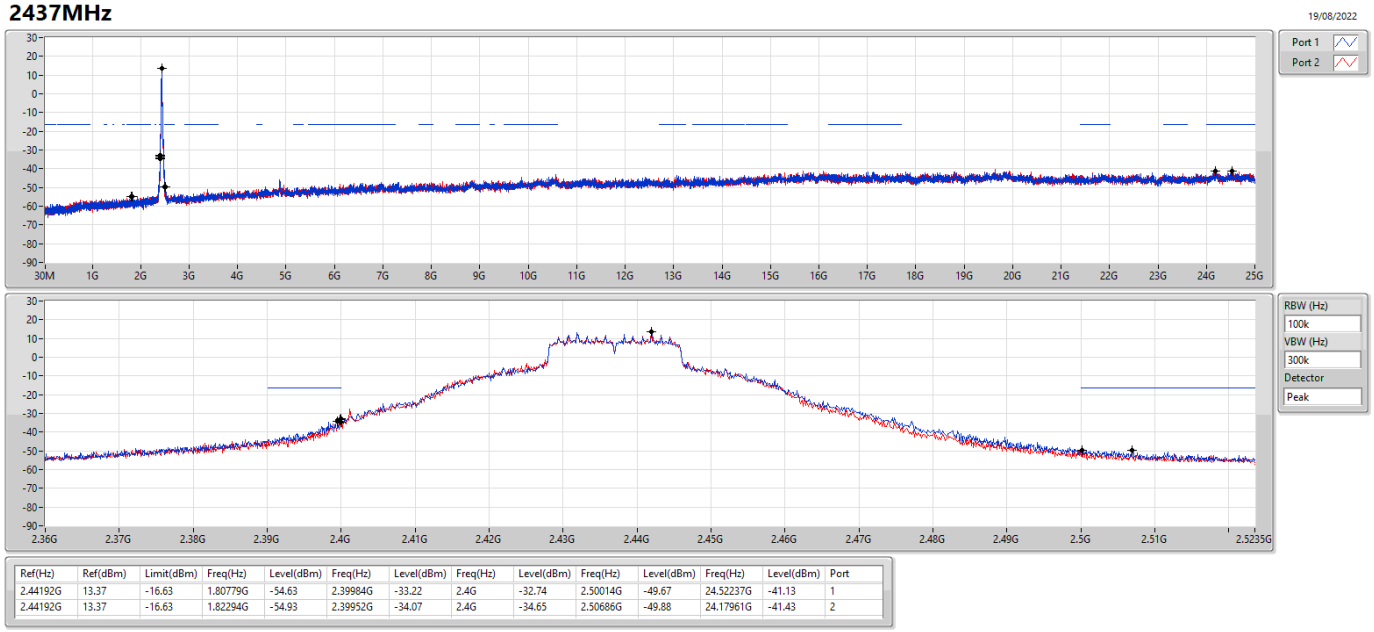
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.37	-16.63	2.1969G	-55.16	2.39984G	-29.66	2.4G	-29.19	2.50262G	-53.12	24.21051G	-41.38	1
2.44192G	13.37	-16.63	2.30059G	-54.57	2.39984G	-27.21	2.4G	-26.15	2.50206G	-53.11	16.55726G	-41.19	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

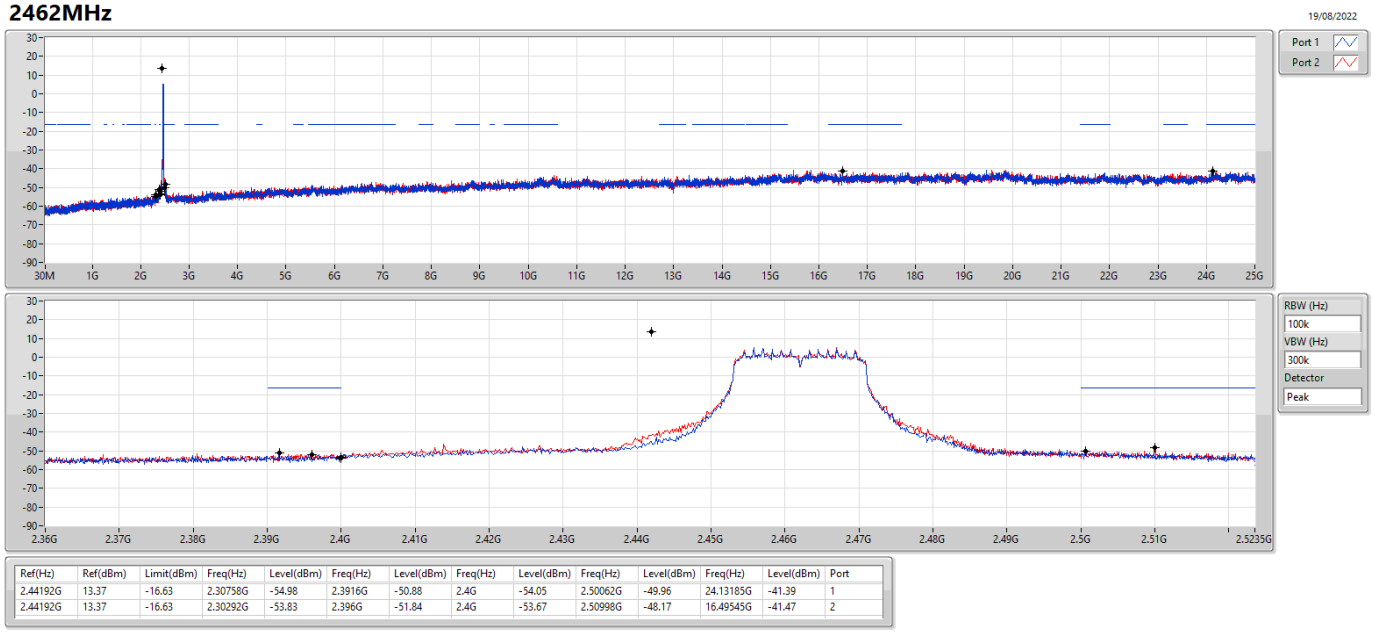
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.37	-16.63	1.80779G	-54.63	2.39984G	-33.22	2.4G	-32.74	2.50014G	-49.67	24.52237G	-41.13	1
2.44192G	13.37	-16.63	1.82294G	-54.93	2.39952G	-34.07	2.4G	-34.65	2.50686G	-49.88	24.17961G	-41.43	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	13.37	-16.63	2.30758G	-54.98	2.3916G	-50.88	2.4G	-54.05	2.50062G	-49.96	24.13185G	-41.39	1
2.44192G	13.37	-16.63	2.30292G	-53.83	2.396G	-51.84	2.4G	-53.67	2.50998G	-48.17	16.49545G	-41.47	2

Summary

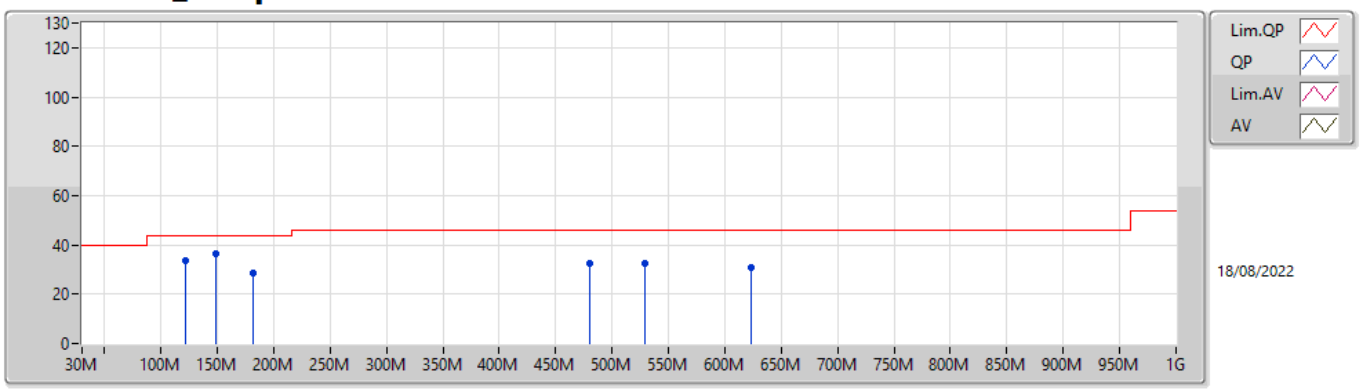
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	PK	146.4M	40.04	43.50	-3.46	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	121.18M	33.51	43.50	-9.99	3	Vertical	360	1.00	-
2437MHz	Pass	PK	148.34M	36.25	43.50	-7.25	3	Vertical	360	1.00	-
2437MHz	Pass	PK	181.32M	28.68	43.50	-14.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	480.08M	32.69	46.00	-13.31	3	Vertical	360	1.00	-
2437MHz	Pass	PK	528.58M	32.59	46.00	-13.41	3	Vertical	360	1.00	-
2437MHz	Pass	PK	623.64M	31.05	46.00	-14.95	3	Vertical	360	1.00	-
2437MHz	Pass	PK	123.12M	33.64	43.50	-9.86	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	146.4M	40.04	43.50	-3.46	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	192.96M	34.36	43.50	-9.14	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	480.08M	32.79	46.00	-13.21	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	528.58M	35.99	46.00	-10.01	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	623.64M	31.51	46.00	-14.49	3	Horizontal	0	1.00	-

802.11b_Nss1,(1Mbps)_2TX

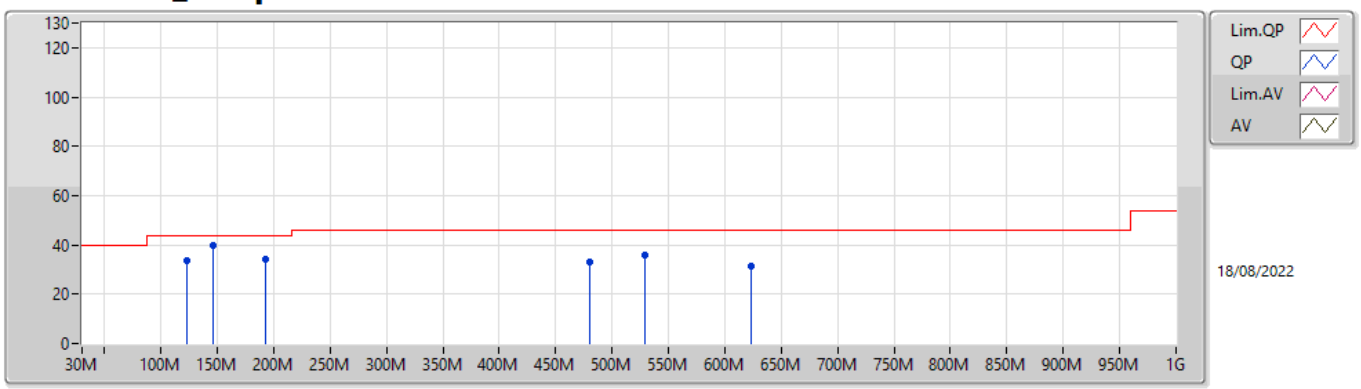
2437MHz_Adapter



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)
PK	121.18M	33.51	43.50	-9.99	-8.12	3	Vertical	360	1.00	-	41.63	17.34	1.81	27.27
PK	148.34M	36.25	43.50	-7.25	-9.62	3	Vertical	360	1.00	-	45.87	15.54	2.00	27.16
PK	181.32M	28.68	43.50	-14.82	-10.48	3	Vertical	360	1.00	-	39.16	14.27	2.23	26.98
PK	480.08M	32.69	46.00	-13.31	-1.30	3	Vertical	360	1.00	-	33.99	22.67	3.72	27.69
PK	528.58M	32.59	46.00	-13.41	-0.86	3	Vertical	360	1.00	-	33.45	23.14	3.90	27.90
PK	623.64M	31.05	46.00	-14.95	0.33	3	Vertical	360	1.00	-	30.72	24.02	4.30	27.99

802.11b_Nss1,(1Mbps)_2TX

2437MHz_Adapter



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)
PK	123.12M	33.64	43.50	-9.86	-8.18	3	Horizontal	0	1.00	-	41.82	17.27	1.82	27.27
PK	146.4M	40.04	43.50	-3.46	-9.49	3	Horizontal	0	1.00	-	49.53	15.69	1.98	27.16
PK	192.96M	34.36	43.50	-9.14	-10.45	3	Horizontal	0	1.00	-	44.81	14.18	2.30	26.93
PK	480.08M	32.79	46.00	-13.21	-1.30	3	Horizontal	0	1.00	-	34.09	22.67	3.72	27.69
PK	528.58M	35.99	46.00	-10.01	-0.86	3	Horizontal	0	1.00	-	36.85	23.14	3.90	27.90
PK	623.64M	31.51	46.00	-14.49	0.33	3	Horizontal	0	1.00	-	31.18	24.02	4.30	27.99

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	4.87396G	50.97	54.00	-3.03	3	Vertical	149	2.31	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3884G	50.67	54.00	-3.33	3	Horizontal	268	2.22	-
VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.485G	50.51	54.00	-3.49	3	Horizontal	263	2.39	-

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	2.3892G	47.13	54.00	-6.87	3	Vertical	56	1.00	-
2412MHz	Pass	AV	2.4128G	105.83	Inf	-Inf	3	Vertical	56	1.00	-
2412MHz	Pass	PK	2.3866G	59.40	74.00	-14.60	3	Vertical	56	1.00	-
2412MHz	Pass	PK	2.4128G	108.24	Inf	-Inf	3	Vertical	56	1.00	-
2412MHz	Pass	AV	2.3838G	48.63	54.00	-5.37	3	Horizontal	252	2.51	-
2412MHz	Pass	AV	2.4128G	109.67	Inf	-Inf	3	Horizontal	252	2.51	-
2412MHz	Pass	PK	2.3834G	60.38	74.00	-13.62	3	Horizontal	252	2.51	-
2412MHz	Pass	PK	2.4128G	112.14	Inf	-Inf	3	Horizontal	252	2.51	-
2412MHz	Pass	AV	4.824G	49.11	54.00	-4.89	3	Vertical	139	2.54	-
2412MHz	Pass	PK	4.824G	52.34	74.00	-21.66	3	Vertical	139	2.54	-
2412MHz	Pass	AV	4.824G	46.67	54.00	-7.33	3	Horizontal	93	1.25	-
2412MHz	Pass	PK	4.82406G	50.68	74.00	-23.32	3	Horizontal	93	1.25	-
2417MHz	Pass	AV	2.3888G	46.24	54.00	-7.76	3	Vertical	60	2.68	-
2417MHz	Pass	AV	2.4162G	105.55	Inf	-Inf	3	Vertical	60	2.68	-
2417MHz	Pass	PK	2.3764G	58.61	74.00	-15.39	3	Vertical	60	2.68	-
2417MHz	Pass	PK	2.416G	107.92	Inf	-Inf	3	Vertical	60	2.68	-
2417MHz	Pass	AV	2.39G	48.43	54.00	-5.57	3	Horizontal	269	2.23	-
2417MHz	Pass	AV	2.4162G	109.35	Inf	-Inf	3	Horizontal	269	2.23	-
2417MHz	Pass	PK	2.3882G	59.82	74.00	-14.18	3	Horizontal	269	2.23	-
2417MHz	Pass	PK	2.416G	111.73	Inf	-Inf	3	Horizontal	269	2.23	-
2417MHz	Pass	AV	4.83398G	50.48	54.00	-3.52	3	Vertical	248	1.03	-
2417MHz	Pass	AV	7.25178G	45.40	54.00	-8.60	3	Vertical	195	1.82	-
2417MHz	Pass	PK	4.83404G	53.75	74.00	-20.25	3	Vertical	248	1.03	-
2417MHz	Pass	PK	7.2525G	53.48	74.00	-20.52	3	Vertical	195	1.82	-
2417MHz	Pass	AV	4.834G	47.73	54.00	-6.27	3	Horizontal	91	2.09	-
2417MHz	Pass	AV	7.25016G	44.11	54.00	-9.89	3	Horizontal	202	1.50	-
2417MHz	Pass	PK	4.83388G	51.88	74.00	-22.12	3	Horizontal	91	2.09	-
2417MHz	Pass	PK	7.25256G	52.81	74.00	-21.19	3	Horizontal	202	1.50	-
2437MHz	Pass	AV	2.3862G	46.86	54.00	-7.14	3	Vertical	1	1.24	-
2437MHz	Pass	AV	2.4342G	104.03	Inf	-Inf	3	Vertical	1	1.24	-
2437MHz	Pass	AV	2.4978G	47.25	54.00	-6.75	3	Vertical	1	1.24	-
2437MHz	Pass	PK	2.3854G	59.85	74.00	-14.15	3	Vertical	1	1.24	-
2437MHz	Pass	PK	2.4342G	106.85	Inf	-Inf	3	Vertical	1	1.24	-
2437MHz	Pass	PK	2.493G	59.75	74.00	-14.25	3	Vertical	1	1.24	-
2437MHz	Pass	AV	2.3886G	48.04	54.00	-5.96	3	Horizontal	249	2.52	-
2437MHz	Pass	AV	2.4362G	113.84	Inf	-Inf	3	Horizontal	249	2.52	-
2437MHz	Pass	AV	2.485G	48.20	54.00	-5.80	3	Horizontal	249	2.52	-
2437MHz	Pass	PK	2.3878G	59.59	74.00	-14.41	3	Horizontal	249	2.52	-
2437MHz	Pass	PK	2.4362G	116.25	Inf	-Inf	3	Horizontal	249	2.52	-
2437MHz	Pass	PK	2.4902G	59.98	74.00	-14.02	3	Horizontal	249	2.52	-
2437MHz	Pass	AV	4.87396G	50.97	54.00	-3.03	3	Vertical	149	2.31	-
2437MHz	Pass	AV	7.31172G	47.22	54.00	-6.78	3	Vertical	192	2.07	-
2437MHz	Pass	PK	4.87404G	54.18	74.00	-19.82	3	Vertical	149	2.31	-
2437MHz	Pass	PK	7.31196G	54.52	74.00	-19.48	3	Vertical	192	2.07	-
2437MHz	Pass	AV	4.87394G	46.96	54.00	-7.04	3	Horizontal	269	1.99	-
2437MHz	Pass	AV	7.31028G	43.16	54.00	-10.84	3	Horizontal	212	1.66	-
2437MHz	Pass	PK	4.874G	50.95	74.00	-23.05	3	Horizontal	269	1.99	-
2437MHz	Pass	PK	7.3119G	52.68	74.00	-21.32	3	Horizontal	212	1.66	-
2462MHz	Pass	AV	2.4612G	105.63	Inf	-Inf	3	Vertical	62	1.94	-
2462MHz	Pass	AV	2.4926G	47.10	54.00	-6.90	3	Vertical	62	1.94	-
2462MHz	Pass	PK	2.461G	108.11	Inf	-Inf	3	Vertical	62	1.94	-
2462MHz	Pass	PK	2.4904G	59.03	74.00	-14.97	3	Vertical	62	1.94	-
2462MHz	Pass	AV	2.4638G	103.51	Inf	-Inf	3	Horizontal	79	2.65	-
2462MHz	Pass	AV	2.4836G	47.55	54.00	-6.45	3	Horizontal	79	2.65	-
2462MHz	Pass	PK	2.4628G	106.27	Inf	-Inf	3	Horizontal	79	2.65	-
2462MHz	Pass	PK	2.4854G	58.83	74.00	-15.17	3	Horizontal	79	2.65	-
2462MHz	Pass	AV	4.924G	50.04	54.00	-3.96	3	Vertical	327	2.01	-
2462MHz	Pass	AV	7.38522G	45.62	54.00	-8.38	3	Vertical	193	1.94	-
2462MHz	Pass	PK	4.924G	51.60	74.00	-22.40	3	Vertical	327	2.01	-
2462MHz	Pass	PK	7.38762G	53.59	74.00	-20.41	3	Vertical	193	1.94	-

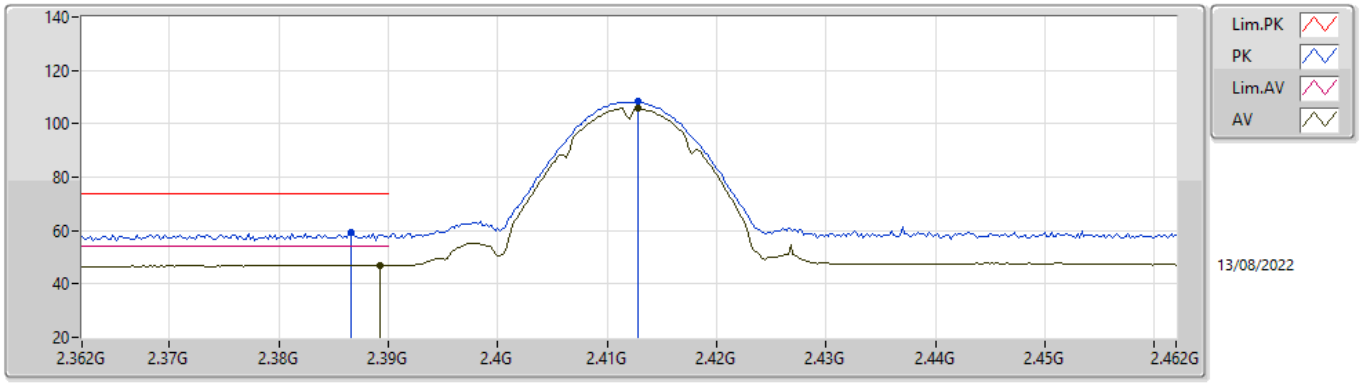
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92394G	47.36	54.00	-6.64	3	Horizontal	247	1.00	-
2462MHz	Pass	AV	7.3851G	41.75	54.00	-12.25	3	Horizontal	196	1.94	-
2462MHz	Pass	PK	4.92388G	51.39	74.00	-22.61	3	Horizontal	247	1.00	-
2462MHz	Pass	PK	7.38486G	52.00	74.00	-22.00	3	Horizontal	196	1.94	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.99	54.00	-5.01	3	Vertical	150	2.79	-
2412MHz	Pass	AV	2.4176G	98.53	Inf	-Inf	3	Vertical	150	2.79	-
2412MHz	Pass	PK	2.3898G	62.41	74.00	-11.59	3	Vertical	150	2.79	-
2412MHz	Pass	PK	2.4174G	107.65	Inf	-Inf	3	Vertical	150	2.79	-
2412MHz	Pass	AV	2.3898G	49.51	54.00	-4.49	3	Horizontal	76	2.55	-
2412MHz	Pass	AV	2.4142G	101.93	Inf	-Inf	3	Horizontal	76	2.55	-
2412MHz	Pass	PK	2.3898G	60.99	74.00	-13.01	3	Horizontal	76	2.55	-
2412MHz	Pass	PK	2.4144G	111.11	Inf	-Inf	3	Horizontal	76	2.55	-
2412MHz	Pass	AV	4.82676G	37.24	54.00	-16.76	3	Vertical	54	1.96	-
2412MHz	Pass	PK	4.82682G	49.72	74.00	-24.28	3	Vertical	54	1.96	-
2412MHz	Pass	AV	4.82406G	35.15	54.00	-18.85	3	Horizontal	276	2.23	-
2412MHz	Pass	PK	4.82448G	47.29	74.00	-26.71	3	Horizontal	276	2.23	-
2417MHz	Pass	AV	2.3894G	50.38	54.00	-3.62	3	Vertical	210	2.04	-
2417MHz	Pass	AV	2.4138G	101.24	Inf	-Inf	3	Vertical	210	2.04	-
2417MHz	Pass	PK	2.3894G	62.49	74.00	-11.51	3	Vertical	210	2.04	-
2417MHz	Pass	PK	2.4138G	110.81	Inf	-Inf	3	Vertical	210	2.04	-
2417MHz	Pass	AV	2.3884G	50.67	54.00	-3.33	3	Horizontal	268	2.22	-
2417MHz	Pass	AV	2.412G	104.81	Inf	-Inf	3	Horizontal	268	2.22	-
2417MHz	Pass	PK	2.389G	64.73	74.00	-9.27	3	Horizontal	268	2.22	-
2417MHz	Pass	PK	2.412G	113.60	Inf	-Inf	3	Horizontal	268	2.22	-
2437MHz	Pass	AV	2.3898G	48.23	54.00	-5.77	3	Vertical	243	1.34	-
2437MHz	Pass	AV	2.435G	103.16	Inf	-Inf	3	Vertical	243	1.34	-
2437MHz	Pass	AV	2.4858G	48.01	54.00	-5.99	3	Vertical	243	1.34	-
2437MHz	Pass	PK	2.3898G	60.67	74.00	-13.33	3	Vertical	243	1.34	-
2437MHz	Pass	PK	2.4354G	112.72	Inf	-Inf	3	Vertical	243	1.34	-
2437MHz	Pass	PK	2.4866G	58.90	74.00	-15.10	3	Vertical	243	1.34	-
2437MHz	Pass	AV	2.3882G	48.98	54.00	-5.02	3	Horizontal	258	2.47	-
2437MHz	Pass	AV	2.4322G	107.83	Inf	-Inf	3	Horizontal	258	2.47	-
2437MHz	Pass	AV	2.4835G	49.25	54.00	-4.75	3	Horizontal	258	2.47	-
2437MHz	Pass	PK	2.3898G	61.13	74.00	-12.87	3	Horizontal	258	2.47	-
2437MHz	Pass	PK	2.4322G	116.75	Inf	-Inf	3	Horizontal	258	2.47	-
2437MHz	Pass	PK	2.4842G	62.18	74.00	-11.82	3	Horizontal	258	2.47	-
2437MHz	Pass	AV	4.8722G	45.99	54.00	-8.01	3	Vertical	235	2.18	-
2437MHz	Pass	AV	7.31388G	41.27	54.00	-12.73	3	Vertical	193	1.75	-
2437MHz	Pass	PK	4.87148G	57.30	74.00	-16.70	3	Vertical	235	2.18	-
2437MHz	Pass	PK	7.31916G	53.92	74.00	-20.08	3	Vertical	193	1.75	-
2437MHz	Pass	AV	4.87412G	42.99	54.00	-11.01	3	Horizontal	66	1.01	-
2437MHz	Pass	AV	7.30872G	39.65	54.00	-14.35	3	Horizontal	197	1.83	-
2437MHz	Pass	PK	4.87412G	55.67	74.00	-18.33	3	Horizontal	66	1.01	-
2437MHz	Pass	PK	7.3083G	51.68	74.00	-22.32	3	Horizontal	197	1.83	-
2457MHz	Pass	AV	2.4512G	99.37	Inf	-Inf	3	Vertical	7	1.56	-
2457MHz	Pass	AV	2.4835G	48.65	54.00	-5.35	3	Vertical	7	1.56	-
2457MHz	Pass	PK	2.4562G	108.35	Inf	-Inf	3	Vertical	7	1.56	-
2457MHz	Pass	PK	2.4868G	60.92	74.00	-13.08	3	Vertical	7	1.56	-
2457MHz	Pass	AV	2.4546G	103.70	Inf	-Inf	3	Horizontal	268	2.43	-
2457MHz	Pass	AV	2.485G	49.64	54.00	-4.36	3	Horizontal	268	2.43	-
2457MHz	Pass	PK	2.4544G	112.94	Inf	-Inf	3	Horizontal	268	2.43	-
2457MHz	Pass	PK	2.4864G	61.65	74.00	-12.35	3	Horizontal	268	2.43	-
2462MHz	Pass	AV	2.4562G	96.69	Inf	-Inf	3	Vertical	6	1.58	-
2462MHz	Pass	AV	2.4864G	47.79	54.00	-6.21	3	Vertical	6	1.58	-
2462MHz	Pass	PK	2.4584G	105.53	Inf	-Inf	3	Vertical	6	1.58	-
2462MHz	Pass	PK	2.4894G	59.22	74.00	-14.78	3	Vertical	6	1.58	-
2462MHz	Pass	AV	2.4572G	101.14	Inf	-Inf	3	Horizontal	267	2.64	-
2462MHz	Pass	AV	2.4838G	50.67	54.00	-3.33	3	Horizontal	267	2.64	-
2462MHz	Pass	PK	2.457G	109.89	Inf	-Inf	3	Horizontal	267	2.64	-
2462MHz	Pass	PK	2.4842G	62.26	74.00	-11.74	3	Horizontal	267	2.64	-
2462MHz	Pass	AV	4.924G	35.49	54.00	-18.51	3	Vertical	163	2.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38594G	39.06	54.00	-14.94	3	Vertical	120	1.97	-
2462MHz	Pass	PK	4.9243G	46.38	74.00	-27.62	3	Vertical	163	2.41	-
2462MHz	Pass	PK	7.38G	51.09	74.00	-22.91	3	Vertical	120	1.97	-
2462MHz	Pass	AV	4.92394G	35.11	54.00	-18.89	3	Horizontal	67	1.00	-
2462MHz	Pass	AV	7.38588G	38.29	54.00	-15.71	3	Horizontal	200	1.91	-
2462MHz	Pass	PK	4.92448G	45.01	74.00	-28.99	3	Horizontal	67	1.00	-
2462MHz	Pass	PK	7.38246G	50.15	74.00	-23.85	3	Horizontal	200	1.91	-
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.17	54.00	-4.83	3	Vertical	208	2.13	-
2412MHz	Pass	AV	2.4074G	96.40	Inf	-Inf	3	Vertical	208	2.13	-
2412MHz	Pass	PK	2.3898G	60.81	74.00	-13.19	3	Vertical	208	2.13	-
2412MHz	Pass	PK	2.4096G	105.98	Inf	-Inf	3	Vertical	208	2.13	-
2412MHz	Pass	AV	2.39G	50.33	54.00	-3.67	3	Horizontal	252	1.25	-
2412MHz	Pass	AV	2.4142G	98.16	Inf	-Inf	3	Horizontal	252	1.25	-
2412MHz	Pass	PK	2.3896G	61.17	74.00	-12.83	3	Horizontal	252	1.25	-
2412MHz	Pass	PK	2.4158G	107.70	Inf	-Inf	3	Horizontal	252	1.25	-
2412MHz	Pass	AV	4.83648G	32.30	54.00	-21.70	3	Vertical	319	2.80	-
2412MHz	Pass	PK	4.84176G	43.20	74.00	-30.80	3	Vertical	319	2.80	-
2412MHz	Pass	AV	4.82416G	32.21	54.00	-21.79	3	Horizontal	76	1.54	-
2412MHz	Pass	PK	4.84216G	43.50	74.00	-30.50	3	Horizontal	76	1.54	-
2417MHz	Pass	AV	2.389G	48.61	54.00	-5.39	3	Vertical	197	2.14	-
2417MHz	Pass	AV	2.4104G	98.34	Inf	-Inf	3	Vertical	197	2.14	-
2417MHz	Pass	PK	2.3892G	59.18	74.00	-14.82	3	Vertical	197	2.14	-
2417MHz	Pass	PK	2.4152G	107.51	Inf	-Inf	3	Vertical	197	2.14	-
2417MHz	Pass	AV	2.3898G	50.48	54.00	-3.52	3	Horizontal	269	2.22	-
2417MHz	Pass	AV	2.4144G	102.43	Inf	-Inf	3	Horizontal	269	2.22	-
2417MHz	Pass	PK	2.3882G	62.55	74.00	-11.45	3	Horizontal	269	2.22	-
2417MHz	Pass	PK	2.4128G	111.57	Inf	-Inf	3	Horizontal	269	2.22	-
2437MHz	Pass	AV	2.3898G	48.80	54.00	-5.20	3	Vertical	242	1.05	-
2437MHz	Pass	AV	2.4434G	102.29	Inf	-Inf	3	Vertical	242	1.05	-
2437MHz	Pass	AV	2.4835G	49.25	54.00	-4.75	3	Vertical	242	1.05	-
2437MHz	Pass	PK	2.3886G	59.29	74.00	-14.71	3	Vertical	242	1.05	-
2437MHz	Pass	PK	2.4406G	111.45	Inf	-Inf	3	Vertical	242	1.05	-
2437MHz	Pass	PK	2.4906G	59.63	74.00	-14.37	3	Vertical	242	1.05	-
2437MHz	Pass	AV	2.3898G	50.33	54.00	-3.67	3	Horizontal	263	2.39	-
2437MHz	Pass	AV	2.4346G	107.04	Inf	-Inf	3	Horizontal	263	2.39	-
2437MHz	Pass	AV	2.485G	50.51	54.00	-3.49	3	Horizontal	263	2.39	-
2437MHz	Pass	PK	2.389G	61.03	74.00	-12.97	3	Horizontal	263	2.39	-
2437MHz	Pass	PK	2.4318G	117.20	Inf	-Inf	3	Horizontal	263	2.39	-
2437MHz	Pass	PK	2.4835G	61.25	74.00	-12.75	3	Horizontal	263	2.39	-
2437MHz	Pass	AV	4.87048G	44.80	54.00	-9.20	3	Vertical	238	2.17	-
2437MHz	Pass	AV	7.3162G	46.86	54.00	-7.14	3	Vertical	114	2.08	-
2437MHz	Pass	PK	4.87024G	56.47	74.00	-17.53	3	Vertical	238	2.17	-
2437MHz	Pass	PK	7.31428G	58.42	74.00	-15.58	3	Vertical	114	2.08	-
2437MHz	Pass	AV	4.87312G	40.83	54.00	-13.17	3	Horizontal	92	2.16	-
2437MHz	Pass	AV	7.31468G	41.91	54.00	-12.09	3	Horizontal	192	1.76	-
2437MHz	Pass	PK	4.87056G	53.14	74.00	-20.86	3	Horizontal	92	2.16	-
2437MHz	Pass	PK	7.32396G	53.39	74.00	-20.61	3	Horizontal	192	1.76	-
2457MHz	Pass	AV	2.462G	99.03	Inf	-Inf	3	Vertical	18	2.06	-
2457MHz	Pass	AV	2.484G	49.99	54.00	-4.01	3	Vertical	18	2.06	-
2457MHz	Pass	PK	2.4608G	108.17	Inf	-Inf	3	Vertical	18	2.06	-
2457MHz	Pass	PK	2.4878G	61.42	74.00	-12.58	3	Vertical	18	2.06	-
2457MHz	Pass	AV	2.4548G	103.07	Inf	-Inf	3	Horizontal	266	2.16	-
2457MHz	Pass	AV	2.4842G	50.17	54.00	-3.83	3	Horizontal	266	2.16	-
2457MHz	Pass	PK	2.452G	112.46	Inf	-Inf	3	Horizontal	266	2.16	-
2457MHz	Pass	PK	2.4846G	60.92	74.00	-13.08	3	Horizontal	266	2.16	-
2462MHz	Pass	AV	2.3892G	47.03	54.00	-6.97	3	Vertical	56	1.00	-
2462MHz	Pass	AV	2.4128G	105.77	Inf	-Inf	3	Vertical	56	1.00	-
2462MHz	Pass	PK	2.3866G	59.30	74.00	-14.70	3	Vertical	56	1.00	-
2462MHz	Pass	PK	2.4128G	108.18	Inf	-Inf	3	Vertical	56	1.00	-
2462MHz	Pass	AV	2.3838G	48.52	54.00	-5.48	3	Horizontal	252	2.51	-
2462MHz	Pass	AV	2.4128G	109.61	Inf	-Inf	3	Horizontal	252	2.51	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.3834G	60.27	74.00	-13.73	3	Horizontal	252	2.51	-
2462MHz	Pass	PK	2.4128G	112.08	Inf	-Inf	3	Horizontal	252	2.51	-
2462MHz	Pass	AV	4.824G	49.11	54.00	-4.89	3	Vertical	139	2.54	-
2462MHz	Pass	PK	4.824G	52.34	74.00	-21.66	3	Vertical	139	2.54	-
2462MHz	Pass	AV	4.824G	46.67	54.00	-7.33	3	Horizontal	93	1.25	-
2462MHz	Pass	PK	4.82406G	50.68	74.00	-23.32	3	Horizontal	93	1.25	-

802.11b_Nss1,(1Mbps)_2TX

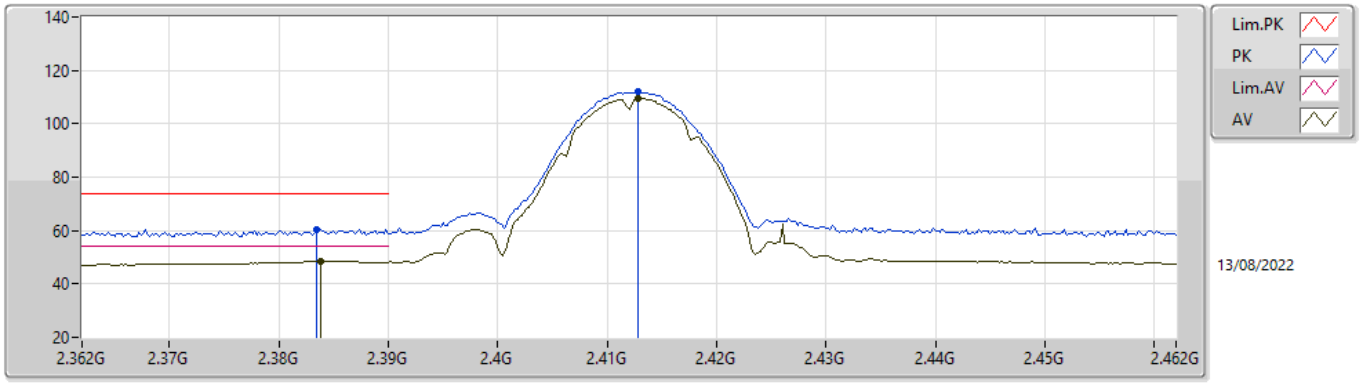
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	47.13	54.00	-6.87	31.86	3	Vertical	56	1.00	-	15.27	27.38	4.48	-
AV	2.4128G	105.83	Inf	-Inf	31.92	3	Vertical	56	1.00	-	73.91	27.45	4.47	-
PK	2.3866G	59.40	74.00	-14.60	31.85	3	Vertical	56	1.00	-	27.55	27.37	4.48	-
PK	2.4128G	108.24	Inf	-Inf	31.92	3	Vertical	56	1.00	-	76.32	27.45	4.47	-

802.11b_Nss1,(1Mbps)_2TX

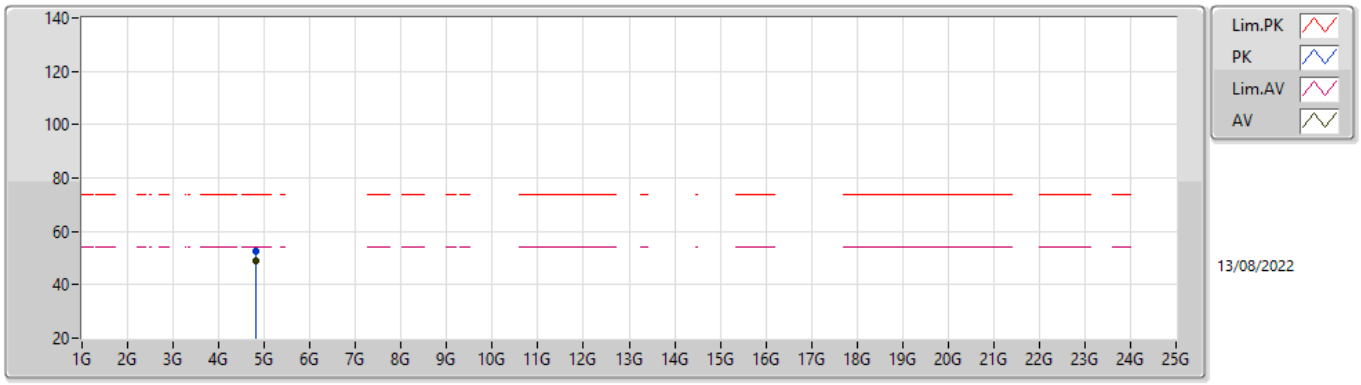
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3838G	48.63	54.00	-5.37	31.85	3	Horizontal	252	2.51	-	16.78	27.37	4.48	-
AV	2.4128G	109.67	Inf	-Inf	31.92	3	Horizontal	252	2.51	-	77.75	27.45	4.47	-
PK	2.3834G	60.38	74.00	-13.62	31.85	3	Horizontal	252	2.51	-	28.53	27.37	4.48	-
PK	2.4128G	112.14	Inf	-Inf	31.92	3	Horizontal	252	2.51	-	80.22	27.45	4.47	-

802.11b_Nss1,(1Mbps)_2TX

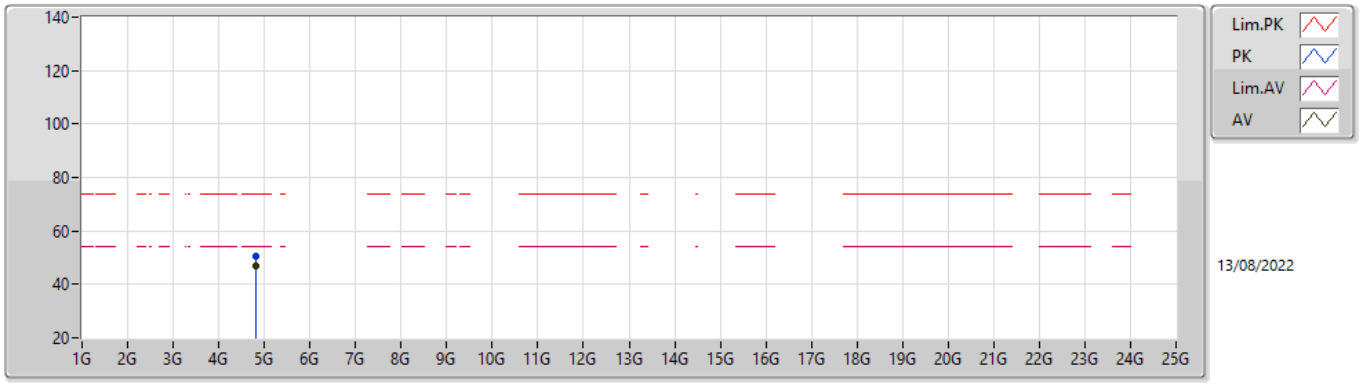
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	49.11	54.00	-4.89	5.21	3	Vertical	139	2.54	-	43.90	32.60	6.90	34.29
PK	4.824G	52.34	74.00	-21.66	5.21	3	Vertical	139	2.54	-	47.13	32.60	6.90	34.29

802.11b_Nss1,(1Mbps)_2TX

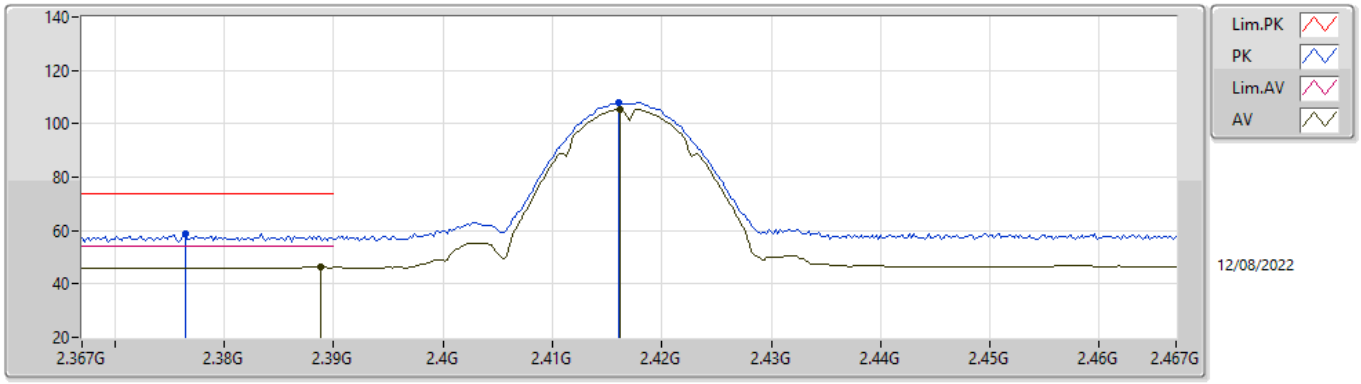
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	46.67	54.00	-7.33	5.21	3	Horizontal	93	1.25	-	41.46	32.60	6.90	34.29
PK	4.82406G	50.68	74.00	-23.32	5.21	3	Horizontal	93	1.25	-	45.47	32.60	6.90	34.29

802.11b_Nss1,(1Mbps)_2TX

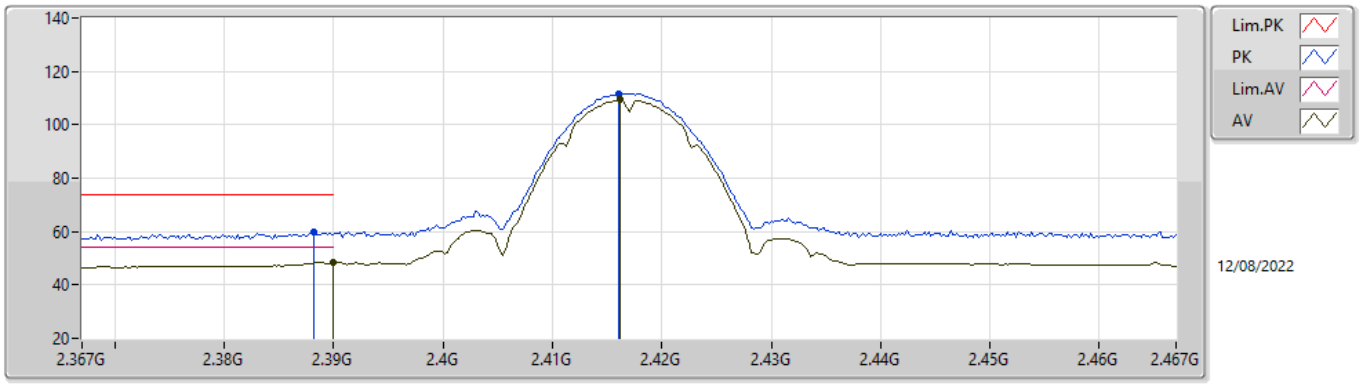
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3888G	46.24	54.00	-7.76	31.86	3	Vertical	60	2.68	-	14.38	27.38	4.48	-
AV	2.4162G	105.55	Inf	-Inf	31.93	3	Vertical	60	2.68	-	73.62	27.46	4.47	-
PK	2.3764G	58.61	74.00	-15.39	31.83	3	Vertical	60	2.68	-	26.78	27.35	4.48	-
PK	2.416G	107.92	Inf	-Inf	31.93	3	Vertical	60	2.68	-	75.99	27.46	4.47	-

802.11b_Nss1,(1Mbps)_2TX

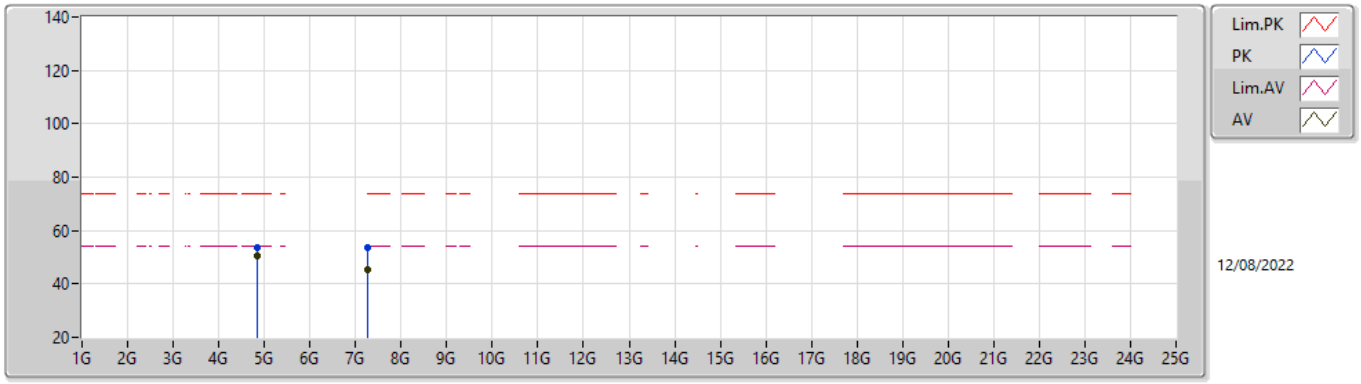
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.43	54.00	-5.57	31.86	3	Horizontal	269	2.23	-	16.57	27.38	4.48	-
AV	2.4162G	109.35	Inf	-Inf	31.93	3	Horizontal	269	2.23	-	77.42	27.46	4.47	-
PK	2.3882G	59.82	74.00	-14.18	31.86	3	Horizontal	269	2.23	-	27.96	27.38	4.48	-
PK	2.416G	111.73	Inf	-Inf	31.93	3	Horizontal	269	2.23	-	79.80	27.46	4.47	-

802.11b_Nss1,(1Mbps)_2TX

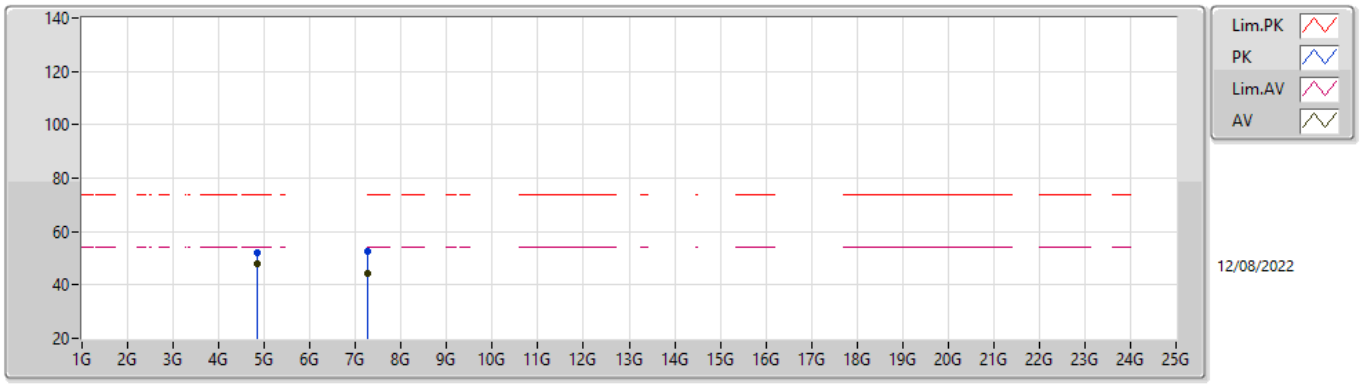
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83398G	50.48	54.00	-3.52	5.25	3	Vertical	248	1.03	-	45.23	32.64	6.90	34.29
AV	7.25178G	45.40	54.00	-8.60	10.55	3	Vertical	195	1.82	-	34.85	36.89	8.46	34.80
PK	4.83404G	53.75	74.00	-20.25	5.25	3	Vertical	248	1.03	-	48.50	32.64	6.90	34.29
PK	7.2525G	53.48	74.00	-20.52	10.55	3	Vertical	195	1.82	-	42.93	36.89	8.46	34.80

802.11b_Nss1,(1Mbps)_2TX

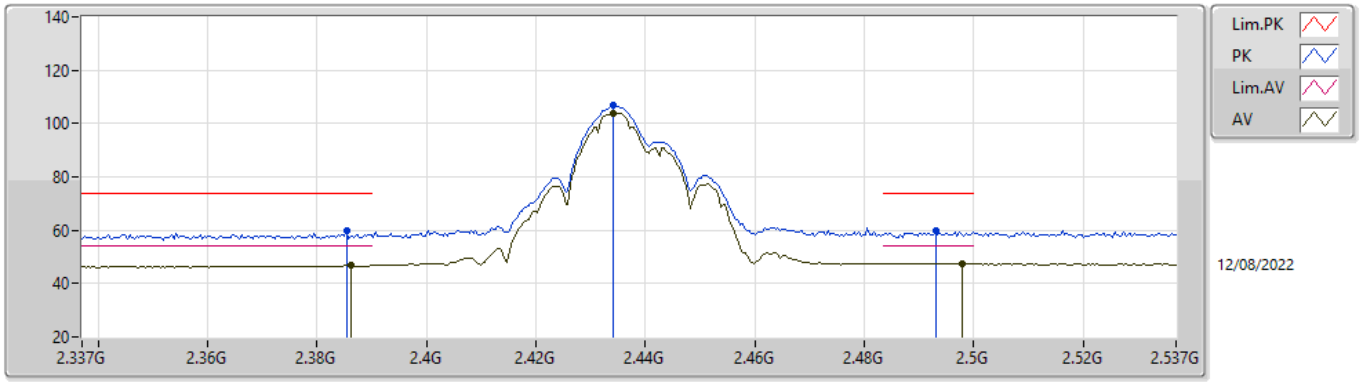
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.834G	47.73	54.00	-6.27	5.25	3	Horizontal	91	2.09	-	42.48	32.64	6.90	34.29
AV	7.25016G	44.11	54.00	-9.89	10.56	3	Horizontal	202	1.50	-	33.55	36.90	8.46	34.80
PK	4.83388G	51.88	74.00	-22.12	5.25	3	Horizontal	91	2.09	-	46.63	32.64	6.90	34.29
PK	7.25256G	52.81	74.00	-21.19	10.55	3	Horizontal	202	1.50	-	42.26	36.89	8.46	34.80

802.11b_Nss1,(1Mbps)_2TX

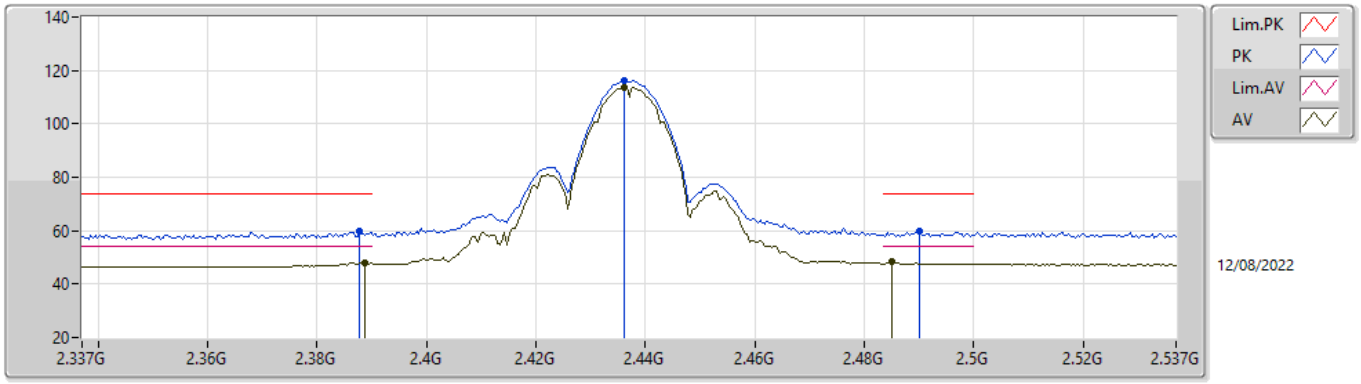
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3862G	46.86	54.00	-7.14	31.85	3	Vertical	1	1.24	-	15.01	27.37	4.48	-
AV	2.4342G	104.03	Inf	-Inf	32.02	3	Vertical	1	1.24	-	72.01	27.54	4.48	-
AV	2.4978G	47.25	54.00	-6.75	32.37	3	Vertical	1	1.24	-	14.88	27.89	4.48	-
PK	2.3854G	59.85	74.00	-14.15	31.85	3	Vertical	1	1.24	-	28.00	27.37	4.48	-
PK	2.4342G	106.85	Inf	-Inf	32.02	3	Vertical	1	1.24	-	74.83	27.54	4.48	-
PK	2.493G	59.75	74.00	-14.25	32.34	3	Vertical	1	1.24	-	27.41	27.86	4.48	-

802.11b_Nss1,(1Mbps)_2TX

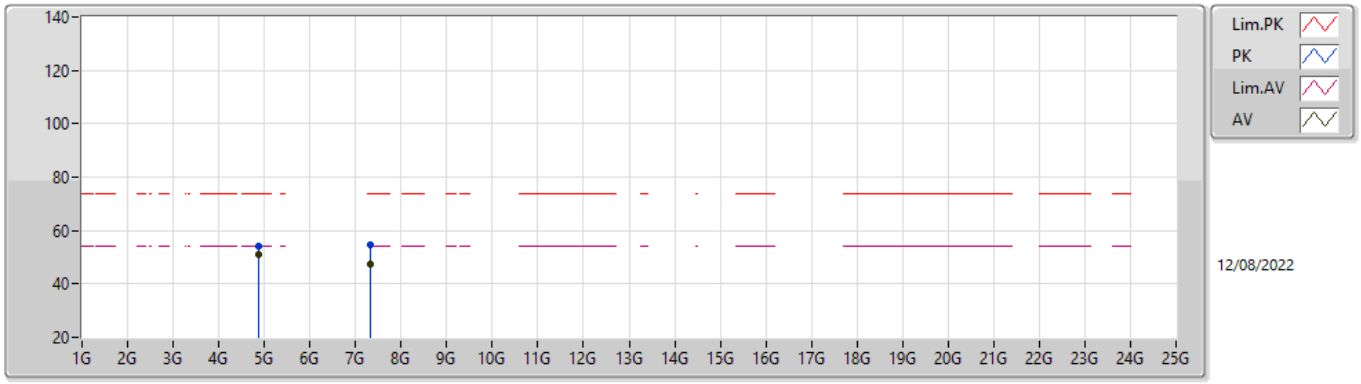
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3886G	48.04	54.00	-5.96	31.86	3	Horizontal	249	2.52	-	16.18	27.38	4.48	-
AV	2.4362G	113.84	Inf	-Inf	32.02	3	Horizontal	249	2.52	-	81.82	27.54	4.48	-
AV	2.485G	48.20	54.00	-5.80	32.29	3	Horizontal	249	2.52	-	15.91	27.81	4.48	-
PK	2.3878G	59.59	74.00	-14.41	31.86	3	Horizontal	249	2.52	-	27.73	27.38	4.48	-
PK	2.4362G	116.25	Inf	-Inf	32.02	3	Horizontal	249	2.52	-	84.23	27.54	4.48	-
PK	2.4902G	59.98	74.00	-14.02	32.32	3	Horizontal	249	2.52	-	27.66	27.84	4.48	-

802.11b_Nss1,(1Mbps)_2TX

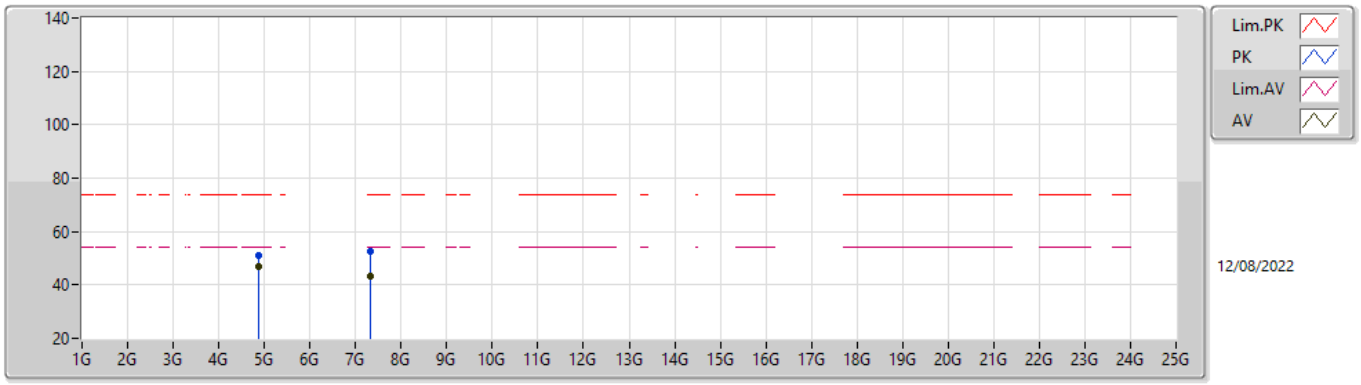
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	50.97	54.00	-3.03	5.36	3	Vertical	149	2.31	-	45.61	32.75	6.90	34.29
AV	7.31172G	47.22	54.00	-6.78	10.48	3	Vertical	192	2.07	-	36.74	36.75	8.53	34.80
PK	4.87404G	54.18	74.00	-19.82	5.36	3	Vertical	149	2.31	-	48.82	32.75	6.90	34.29
PK	7.31196G	54.52	74.00	-19.48	10.48	3	Vertical	192	2.07	-	44.04	36.75	8.53	34.80

802.11b_Nss1,(1Mbps)_2TX

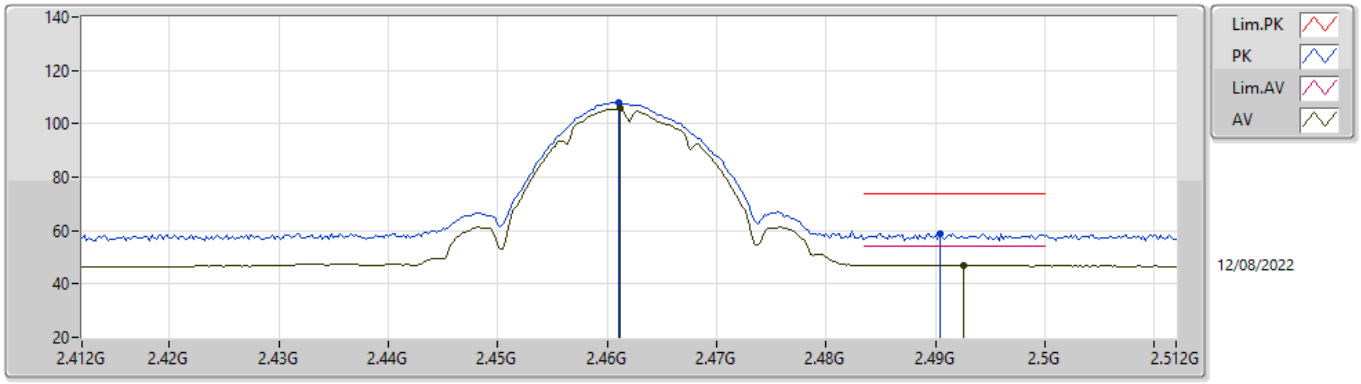
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	46.96	54.00	-7.04	5.36	3	Horizontal	269	1.99	-	41.60	32.75	6.90	34.29
AV	7.31028G	43.16	54.00	-10.84	10.47	3	Horizontal	212	1.66	-	32.69	36.74	8.53	34.80
PK	4.874G	50.95	74.00	-23.05	5.36	3	Horizontal	269	1.99	-	45.59	32.75	6.90	34.29
PK	7.3119G	52.68	74.00	-21.32	10.48	3	Horizontal	212	1.66	-	42.20	36.75	8.53	34.80

802.11b_Nss1,(1Mbps)_2TX

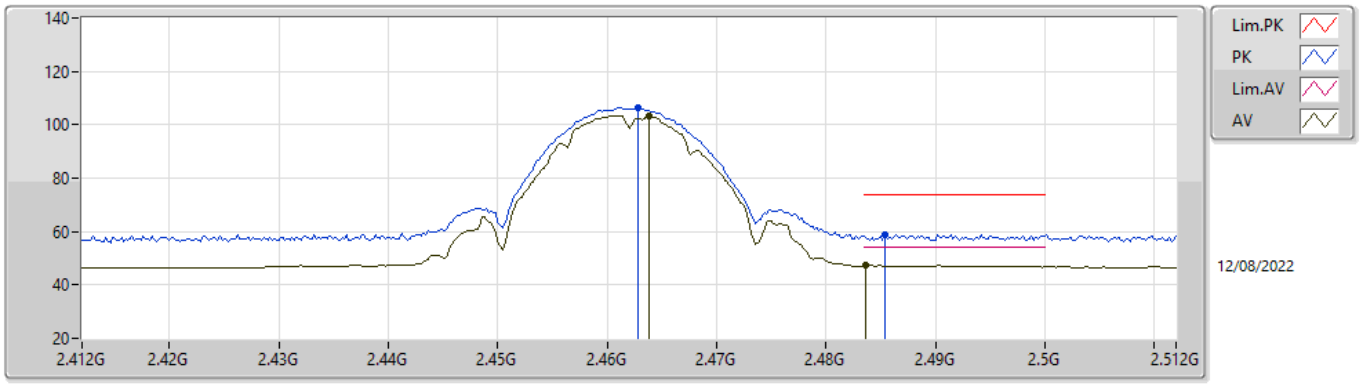
2462MHz_TX



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	2.4612G	105.63	Inf	-Inf	32.15	3	Vertical	62	1.94	-	73.48	27.67	4.48	-
AV	2.4926G	47.10	54.00	-6.90	32.34	3	Vertical	62	1.94	-	14.76	27.86	4.48	-
PK	2.461G	108.11	Inf	-Inf	32.15	3	Vertical	62	1.94	-	75.96	27.67	4.48	-
PK	2.4904G	59.03	74.00	-14.97	32.32	3	Vertical	62	1.94	-	26.71	27.84	4.48	-

802.11b_Nss1,(1Mbps)_2TX

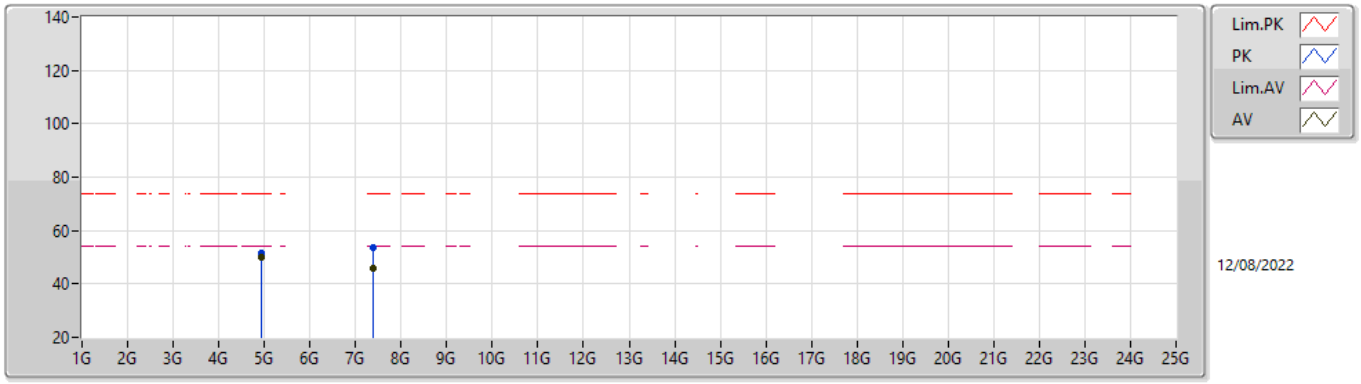
2462MHz_TX



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	2.4638G	103.51	Inf	-Inf	32.16	3	Horizontal	79	2.65	-	71.35	27.68	4.48	-
AV	2.4836G	47.55	54.00	-6.45	32.28	3	Horizontal	79	2.65	-	15.27	27.80	4.48	-
PK	2.4628G	106.27	Inf	-Inf	32.16	3	Horizontal	79	2.65	-	74.11	27.68	4.48	-
PK	2.4854G	58.83	74.00	-15.17	32.29	3	Horizontal	79	2.65	-	26.54	27.81	4.48	-

802.11b_Nss1,(1Mbps)_2TX

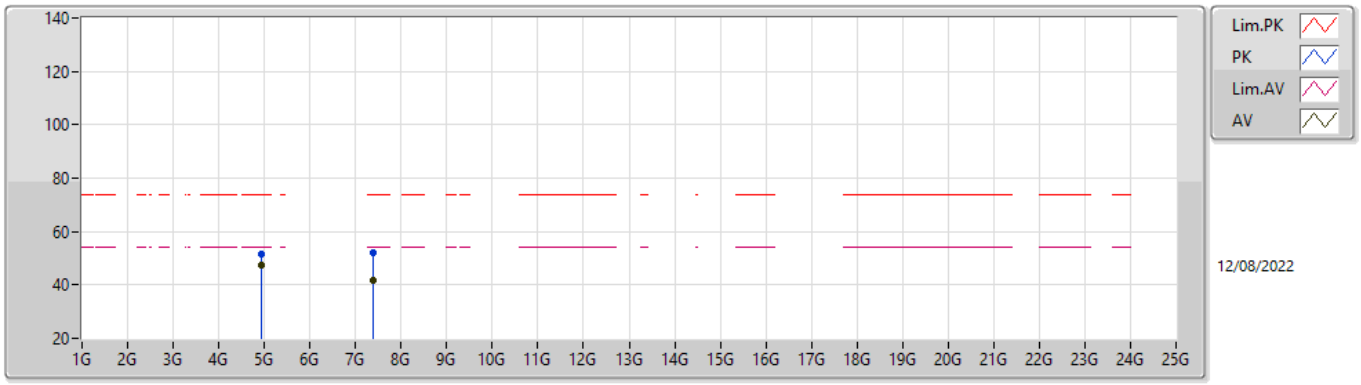
2462MHz_TX



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	4.924G	50.04	54.00	-3.96	5.57	3	Vertical	327	2.01	-	44.47	32.94	6.91	34.28
AV	7.38522G	45.62	54.00	-8.38	10.49	3	Vertical	193	1.94	-	35.13	36.69	8.61	34.81
PK	4.924G	51.60	74.00	-22.40	5.57	3	Vertical	327	2.01	-	46.03	32.94	6.91	34.28
PK	7.38762G	53.59	74.00	-20.41	10.48	3	Vertical	193	1.94	-	43.11	36.67	8.62	34.81

802.11b_Nss1,(1Mbps)_2TX

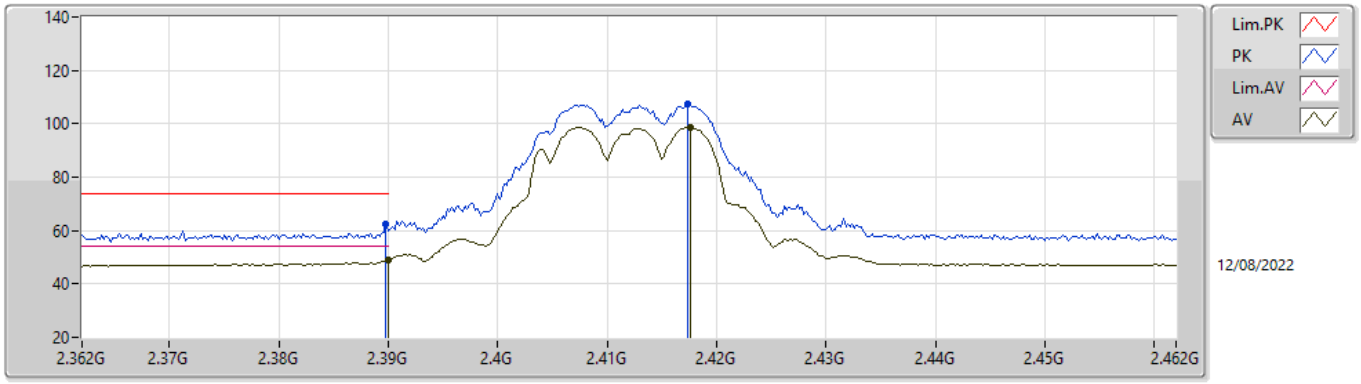
2462MHz_TX



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	4.92394G	47.36	54.00	-6.64	5.57	3	Horizontal	247	1.00	-	41.79	32.94	6.91	34.28
AV	7.3851G	41.75	54.00	-12.25	10.49	3	Horizontal	196	1.94	-	31.26	36.69	8.61	34.81
PK	4.92388G	51.39	74.00	-22.61	5.57	3	Horizontal	247	1.00	-	45.82	32.94	6.91	34.28
PK	7.38486G	52.00	74.00	-22.00	10.49	3	Horizontal	196	1.94	-	41.51	36.69	8.61	34.81

802.11g_Nss1,(6Mbps)_2TX

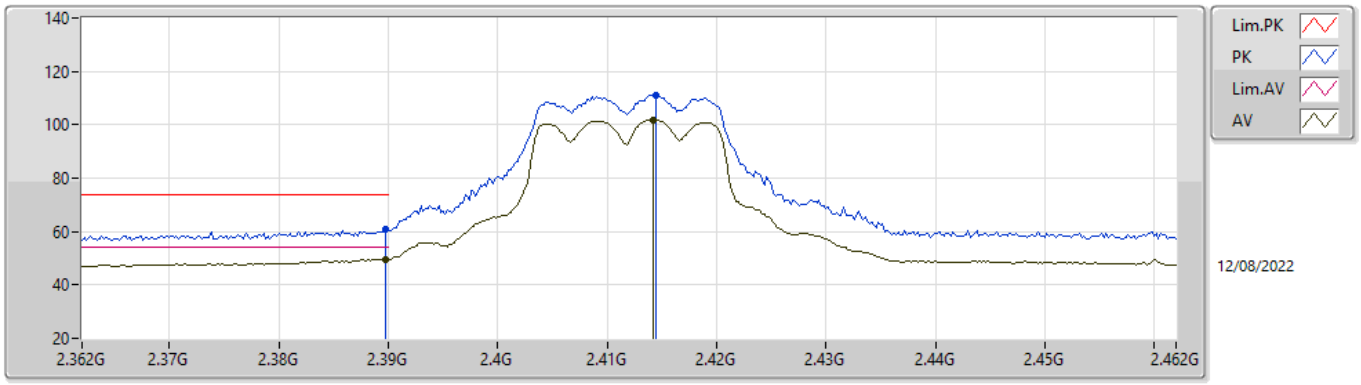
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.99	54.00	-5.01	31.86	3	Vertical	150	2.79	-	17.13	27.38	4.48	-
AV	2.4176G	98.53	Inf	-Inf	31.94	3	Vertical	150	2.79	-	66.59	27.47	4.47	-
PK	2.3898G	62.41	74.00	-11.59	31.86	3	Vertical	150	2.79	-	30.55	27.38	4.48	-
PK	2.4174G	107.65	Inf	-Inf	31.94	3	Vertical	150	2.79	-	75.71	27.47	4.47	-

802.11g_Nss1,(6Mbps)_2TX

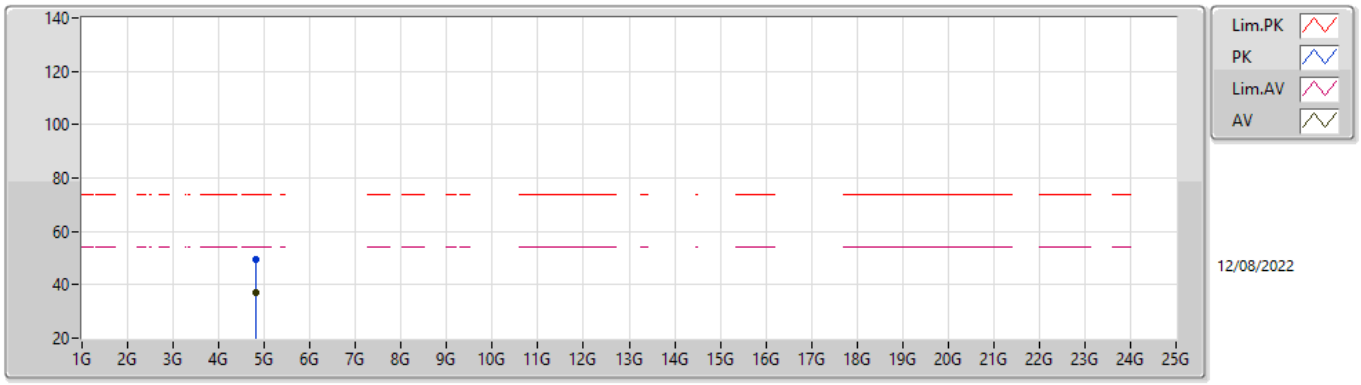
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.51	54.00	-4.49	31.86	3	Horizontal	76	2.55	-	17.65	27.38	4.48	-
AV	2.4142G	101.93	Inf	-Inf	31.93	3	Horizontal	76	2.55	-	70.00	27.46	4.47	-
PK	2.3898G	60.99	74.00	-13.01	31.86	3	Horizontal	76	2.55	-	29.13	27.38	4.48	-
PK	2.4144G	111.11	Inf	-Inf	31.93	3	Horizontal	76	2.55	-	79.18	27.46	4.47	-

802.11g_Nss1,(6Mbps)_2TX

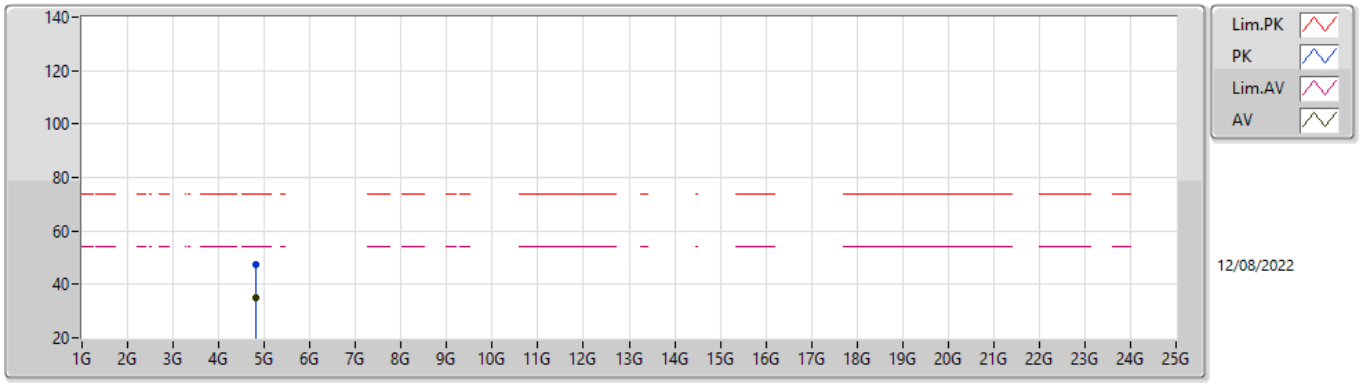
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82676G	37.24	54.00	-16.76	5.22	3	Vertical	54	1.96	-	32.02	32.61	6.90	34.29
PK	4.82682G	49.72	74.00	-24.28	5.22	3	Vertical	54	1.96	-	44.50	32.61	6.90	34.29

802.11g_Nss1,(6Mbps)_2TX

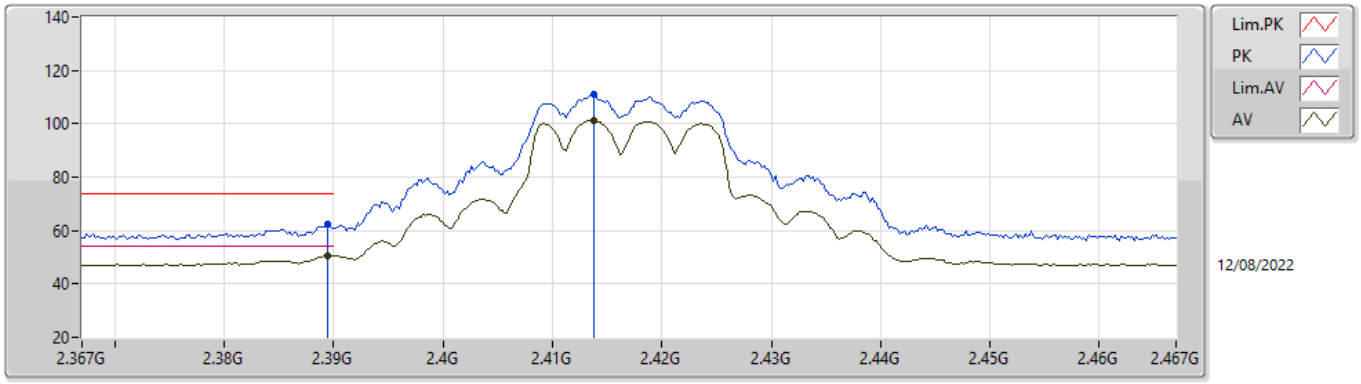
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82406G	35.15	54.00	-18.85	5.21	3	Horizontal	276	2.23	-	29.94	32.60	6.90	34.29
PK	4.82448G	47.29	74.00	-26.71	5.21	3	Horizontal	276	2.23	-	42.08	32.60	6.90	34.29

802.11g_Nss1,(6Mbps)_2TX

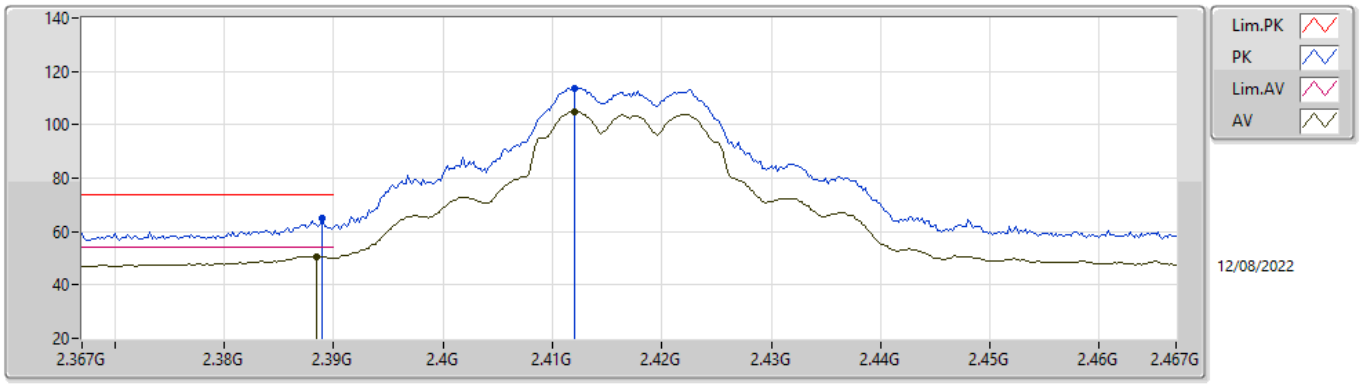
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	50.48	54.00	-3.52	31.86	3	Vertical	210	2.04	-	18.62	27.38	4.48	-
AV	2.4138G	101.30	Inf	-Inf	31.93	3	Vertical	210	2.04	-	69.37	27.46	4.47	-
PK	2.3894G	62.59	74.00	-11.41	31.86	3	Vertical	210	2.04	-	30.73	27.38	4.48	-
PK	2.4138G	110.87	Inf	-Inf	31.93	3	Vertical	210	2.04	-	78.94	27.46	4.47	-

802.11g_Nss1,(6Mbps)_2TX

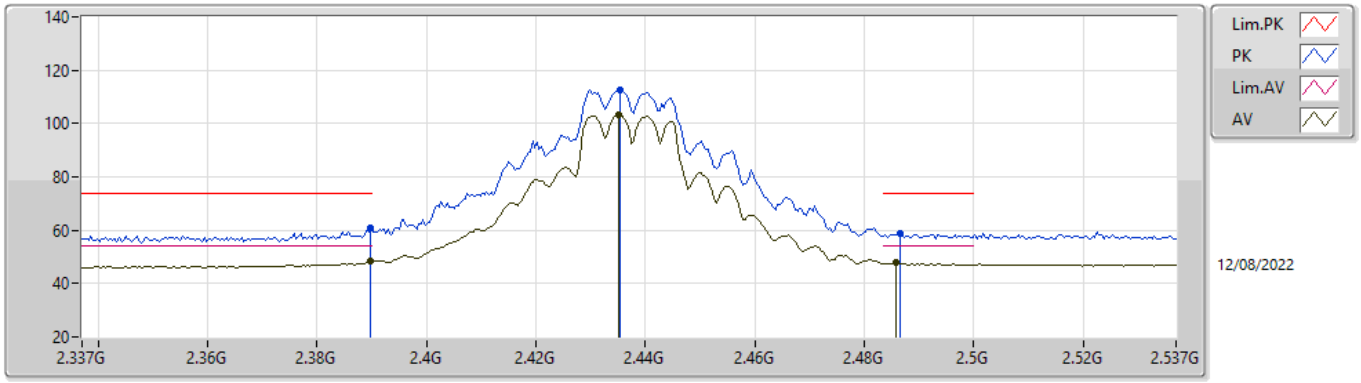
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	50.77	54.00	-3.23	31.86	3	Horizontal	268	2.22	-	18.91	27.38	4.48	-
AV	2.412G	104.87	Inf	-Inf	31.92	3	Horizontal	268	2.22	-	72.95	27.45	4.47	-
PK	2.389G	64.83	74.00	-9.17	31.86	3	Horizontal	268	2.22	-	32.97	27.38	4.48	-
PK	2.412G	113.66	Inf	-Inf	31.92	3	Horizontal	268	2.22	-	81.74	27.45	4.47	-

802.11g_Nss1,(6Mbps)_2TX

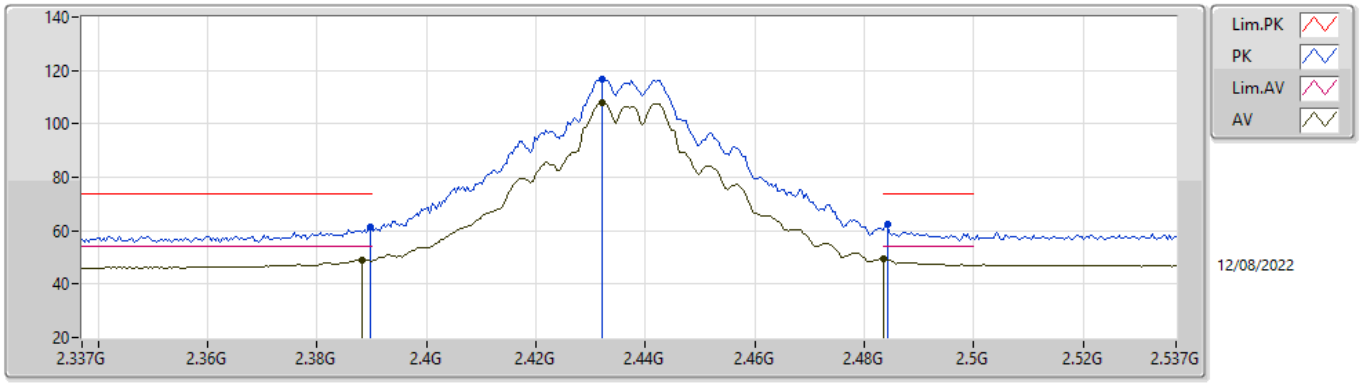
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.23	54.00	-5.77	31.86	3	Vertical	243	1.34	-	16.37	27.38	4.48	-
AV	2.435G	103.16	Inf	-Inf	32.02	3	Vertical	243	1.34	-	71.14	27.54	4.48	-
AV	2.4858G	48.01	54.00	-5.99	32.29	3	Vertical	243	1.34	-	15.72	27.81	4.48	-
PK	2.3898G	60.67	74.00	-13.33	31.86	3	Vertical	243	1.34	-	28.81	27.38	4.48	-
PK	2.4354G	112.72	Inf	-Inf	32.02	3	Vertical	243	1.34	-	80.70	27.54	4.48	-
PK	2.4866G	58.90	74.00	-15.10	32.30	3	Vertical	243	1.34	-	26.60	27.82	4.48	-

802.11g_Nss1,(6Mbps)_2TX

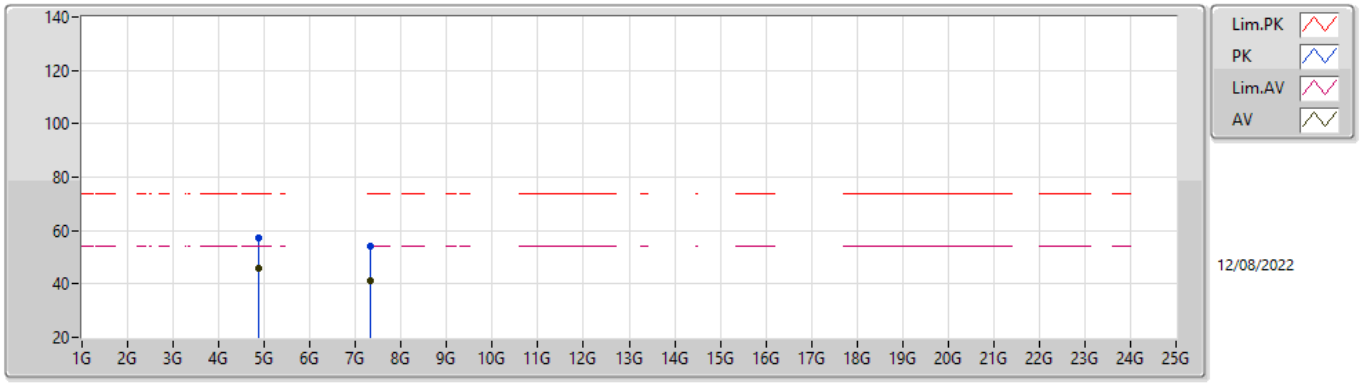
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3882G	48.98	54.00	-5.02	31.86	3	Horizontal	258	2.47	-	17.12	27.38	4.48	-
AV	2.4322G	107.83	Inf	-Inf	32.00	3	Horizontal	258	2.47	-	75.83	27.53	4.47	-
AV	2.4835G	49.25	54.00	-4.75	32.28	3	Horizontal	258	2.47	-	16.97	27.80	4.48	-
PK	2.3898G	61.13	74.00	-12.87	31.86	3	Horizontal	258	2.47	-	29.27	27.38	4.48	-
PK	2.4322G	116.75	Inf	-Inf	32.00	3	Horizontal	258	2.47	-	84.75	27.53	4.47	-
PK	2.4842G	62.18	74.00	-11.82	32.29	3	Horizontal	258	2.47	-	29.89	27.81	4.48	-

802.11g_Nss1,(6Mbps)_2TX

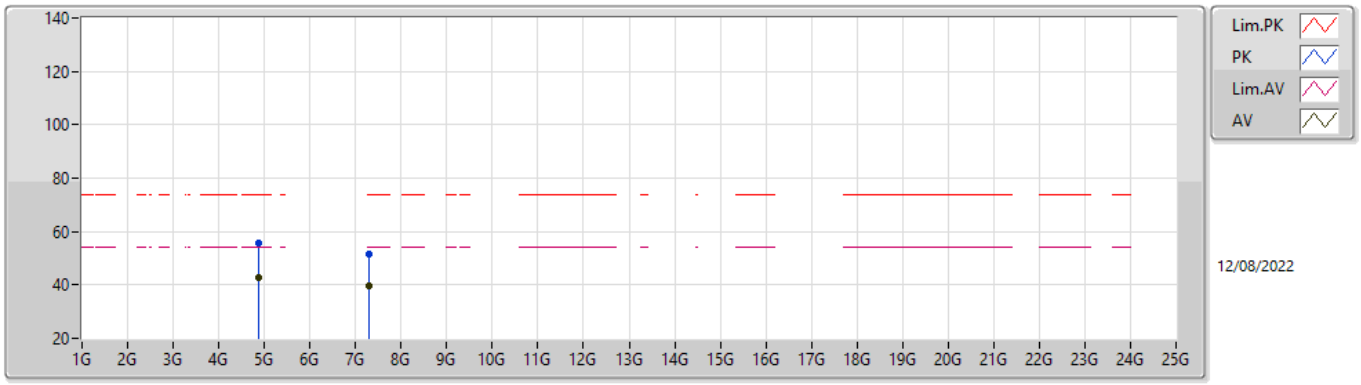
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8722G	45.99	54.00	-8.01	5.35	3	Vertical	235	2.18	-	40.64	32.74	6.90	34.29
AV	7.31388G	41.27	54.00	-12.73	10.49	3	Vertical	193	1.75	-	30.78	36.76	8.53	34.80
PK	4.87148G	57.30	74.00	-16.70	5.35	3	Vertical	235	2.18	-	51.95	32.74	6.90	34.29
PK	7.31916G	53.92	74.00	-20.08	10.52	3	Vertical	193	1.75	-	43.40	36.78	8.54	34.80

802.11g_Nss1,(6Mbps)_2TX

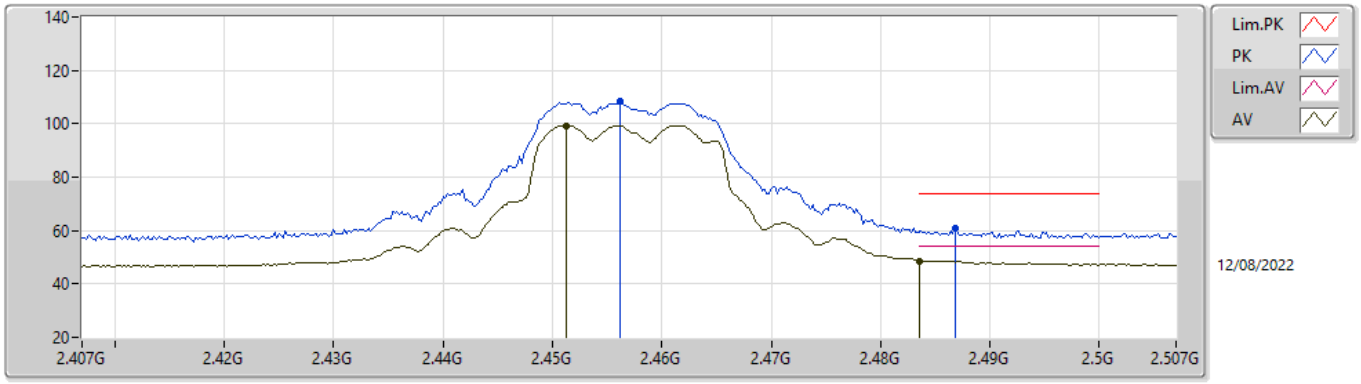
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87412G	42.99	54.00	-11.01	5.36	3	Horizontal	66	1.01	-	37.63	32.75	6.90	34.29
AV	7.30872G	39.65	54.00	-14.35	10.46	3	Horizontal	197	1.83	-	29.19	36.73	8.53	34.80
PK	4.87412G	55.67	74.00	-18.33	5.36	3	Horizontal	66	1.01	-	50.31	32.75	6.90	34.29
PK	7.3083G	51.68	74.00	-22.32	10.45	3	Horizontal	197	1.83	-	41.23	36.73	8.52	34.80

802.11g_Nss1,(6Mbps)_2TX

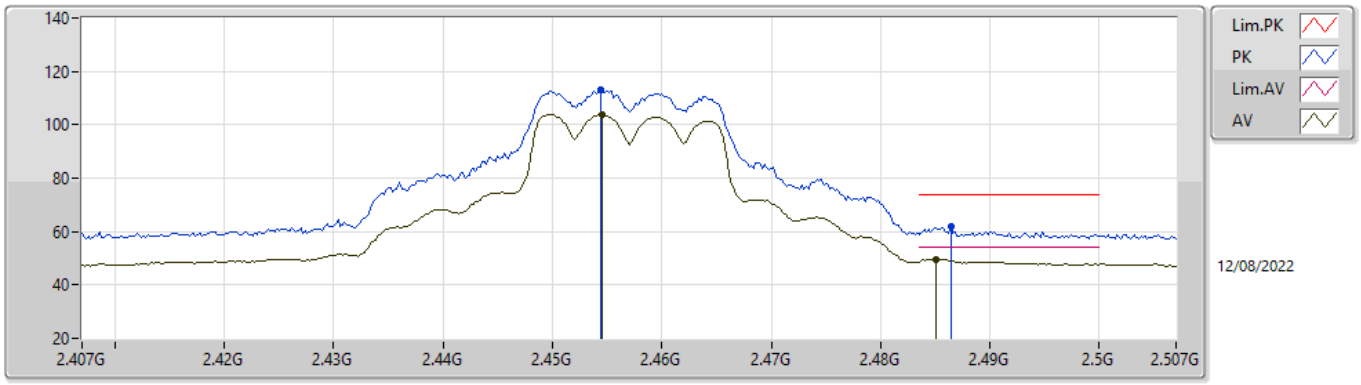
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4512G	99.37	Inf	-Inf	32.09	3	Vertical	7	1.56	-	67.28	27.61	4.48	-
AV	2.4835G	48.65	54.00	-5.35	32.28	3	Vertical	7	1.56	-	16.37	27.80	4.48	-
PK	2.4562G	108.35	Inf	-Inf	32.12	3	Vertical	7	1.56	-	76.23	27.64	4.48	-
PK	2.4868G	60.92	74.00	-13.08	32.30	3	Vertical	7	1.56	-	28.62	27.82	4.48	-

802.11g_Nss1,(6Mbps)_2TX

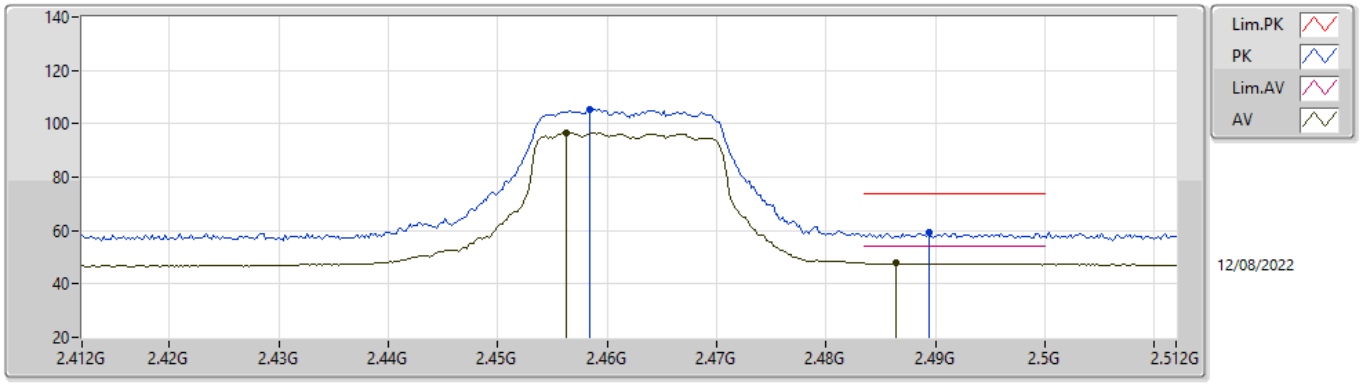
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4546G	103.70	Inf	-Inf	32.11	3	Horizontal	268	2.43	-	71.59	27.63	4.48	-
AV	2.485G	49.64	54.00	-4.36	32.29	3	Horizontal	268	2.43	-	17.35	27.81	4.48	-
PK	2.4544G	112.94	Inf	-Inf	32.11	3	Horizontal	268	2.43	-	80.83	27.63	4.48	-
PK	2.4864G	61.65	74.00	-12.35	32.30	3	Horizontal	268	2.43	-	29.35	27.82	4.48	-

802.11g_Nss1,(6Mbps)_2TX

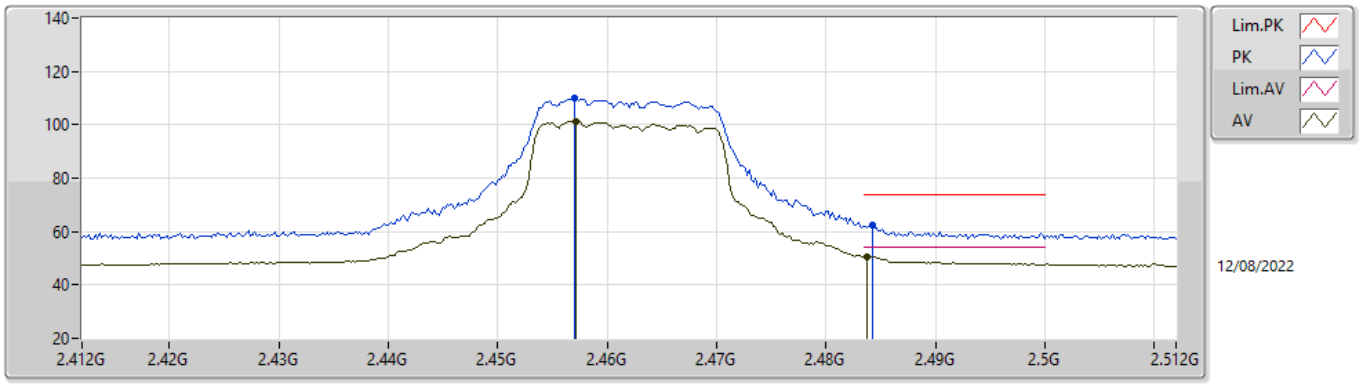
2462MHz_TX



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	2.4562G	96.69	Inf	-Inf	32.12	3	Vertical	6	1.58	-	64.57	27.64	4.48	-
AV	2.4864G	47.79	54.00	-6.21	32.30	3	Vertical	6	1.58	-	15.49	27.82	4.48	-
PK	2.4584G	105.53	Inf	-Inf	32.13	3	Vertical	6	1.58	-	73.40	27.65	4.48	-
PK	2.4894G	59.22	74.00	-14.78	32.32	3	Vertical	6	1.58	-	26.90	27.84	4.48	-

802.11g_Nss1,(6Mbps)_2TX

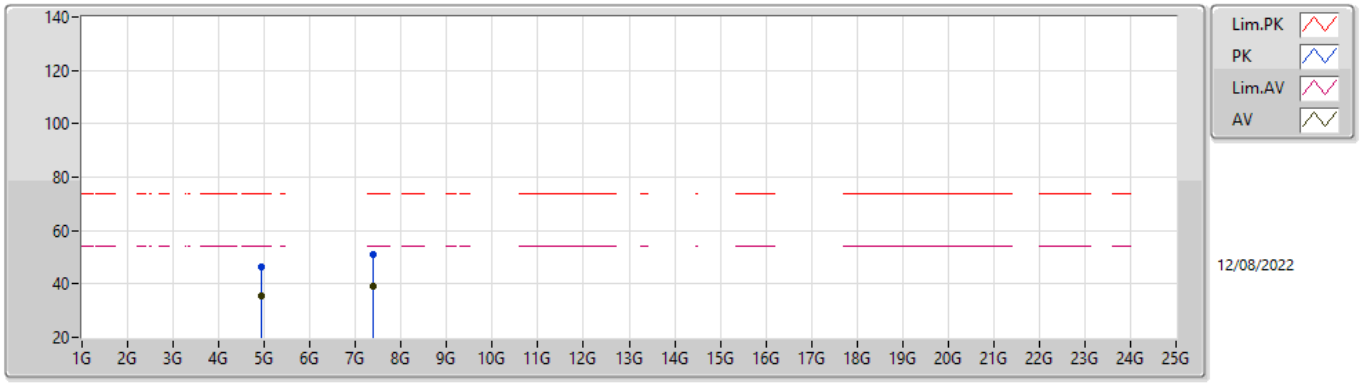
2462MHz_TX



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	2.4572G	101.14	Inf	-Inf	32.12	3	Horizontal	267	2.64	-	69.02	27.64	4.48	-
AV	2.4838G	50.67	54.00	-3.33	32.28	3	Horizontal	267	2.64	-	18.39	27.80	4.48	-
PK	2.457G	109.89	Inf	-Inf	32.12	3	Horizontal	267	2.64	-	77.77	27.64	4.48	-
PK	2.4842G	62.26	74.00	-11.74	32.29	3	Horizontal	267	2.64	-	29.97	27.81	4.48	-

802.11g_Nss1,(6Mbps)_2TX

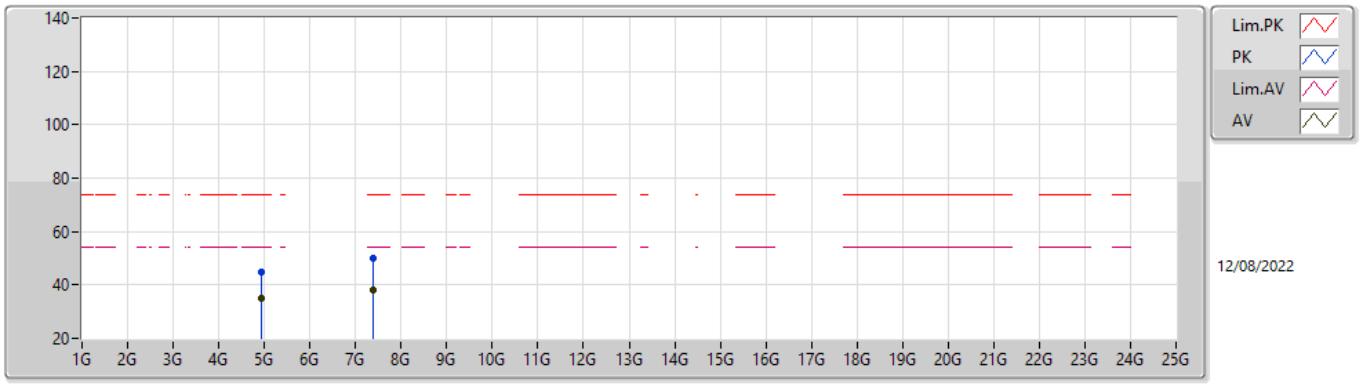
2462MHz_TX



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	4.924G	35.49	54.00	-18.51	5.57	3	Vertical	163	2.41	-	29.92	32.94	6.91	34.28
AV	7.38594G	39.06	54.00	-14.94	10.48	3	Vertical	120	1.97	-	28.58	36.68	8.61	34.81
PK	4.9243G	46.38	74.00	-27.62	5.58	3	Vertical	163	2.41	-	40.80	32.95	6.91	34.28
PK	7.38G	51.09	74.00	-22.91	10.52	3	Vertical	120	1.97	-	40.57	36.72	8.61	34.81

802.11g_Nss1,(6Mbps)_2TX

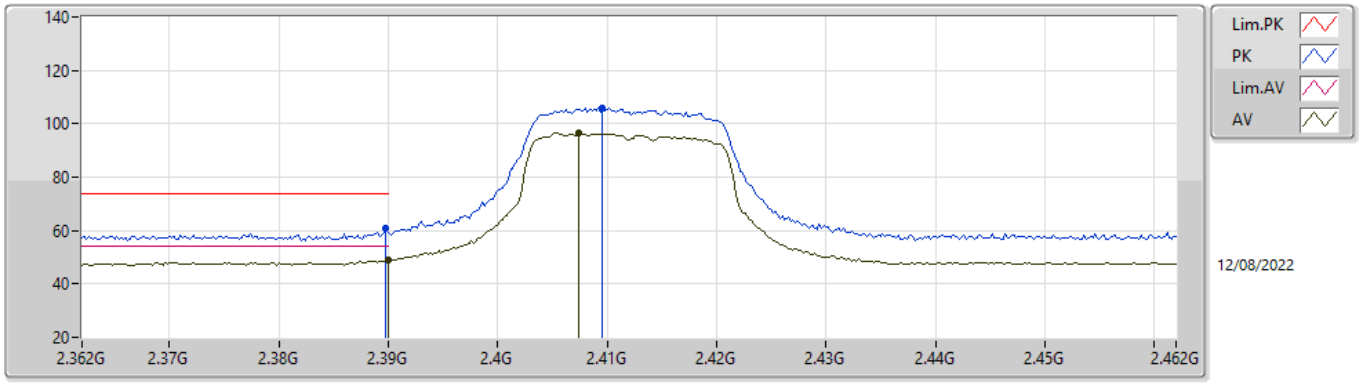
2462MHz_TX



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	4.92394G	35.11	54.00	-18.89	5.57	3	Horizontal	67	1.00	-	29.54	32.94	6.91	34.28
AV	7.38588G	38.29	54.00	-15.71	10.48	3	Horizontal	200	1.91	-	27.81	36.68	8.61	34.81
PK	4.92448G	45.01	74.00	-28.99	5.58	3	Horizontal	67	1.00	-	39.43	32.95	6.91	34.28
PK	7.38246G	50.15	74.00	-23.85	10.51	3	Horizontal	200	1.91	-	39.64	36.71	8.61	34.81

VHT20_Nss1,(MCS0)_2TX

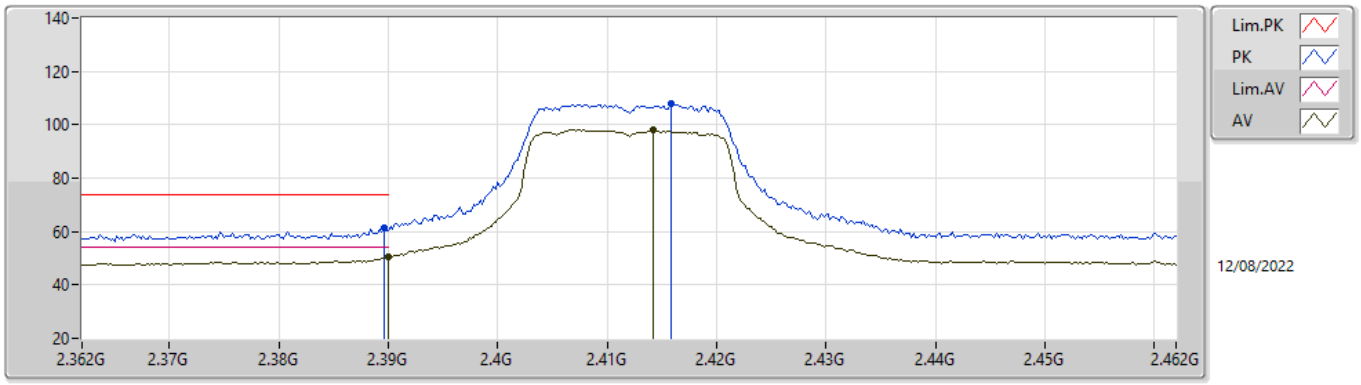
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.17	54.00	-4.83	31.86	3	Vertical	208	2.13	-	17.31	27.38	4.48	-
AV	2.4074G	96.40	Inf	-Inf	31.90	3	Vertical	208	2.13	-	64.50	27.43	4.47	-
PK	2.3898G	60.81	74.00	-13.19	31.86	3	Vertical	208	2.13	-	28.95	27.38	4.48	-
PK	2.4096G	105.98	Inf	-Inf	31.91	3	Vertical	208	2.13	-	74.07	27.44	4.47	-

VHT20_Nss1,(MCS0)_2TX

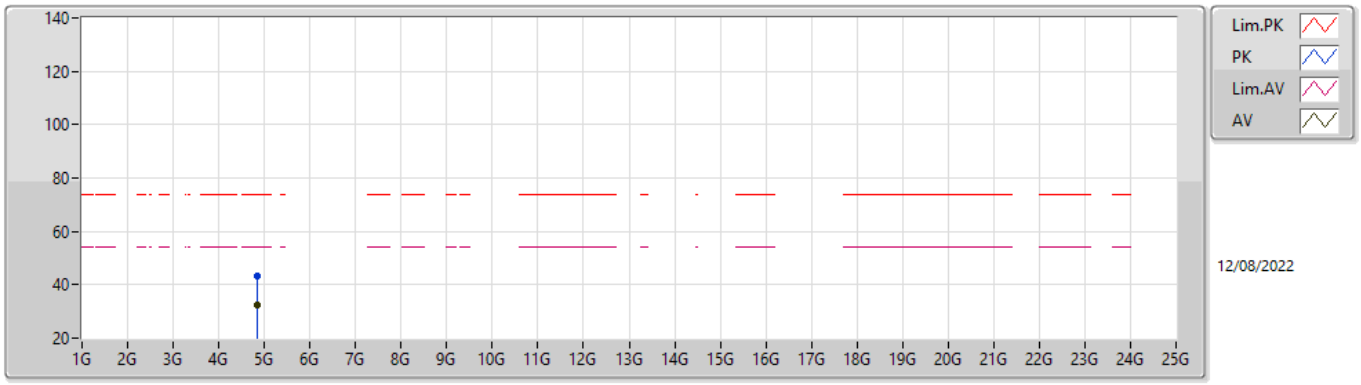
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.33	54.00	-3.67	31.86	3	Horizontal	252	1.25	-	18.47	27.38	4.48	-
AV	2.4142G	98.16	Inf	-Inf	31.93	3	Horizontal	252	1.25	-	66.23	27.46	4.47	-
PK	2.3896G	61.17	74.00	-12.83	31.86	3	Horizontal	252	1.25	-	29.31	27.38	4.48	-
PK	2.4158G	107.70	Inf	-Inf	31.93	3	Horizontal	252	1.25	-	75.77	27.46	4.47	-

VHT20_Nss1,(MCS0)_2TX

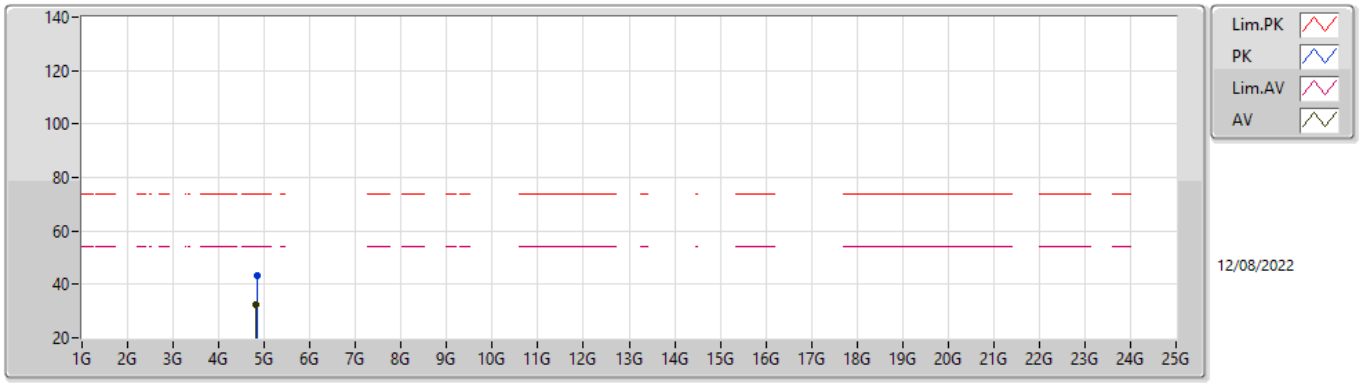
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83648G	32.30	54.00	-21.70	5.26	3	Vertical	319	2.80	-	27.04	32.65	6.90	34.29
PK	4.84176G	43.20	74.00	-30.80	5.28	3	Vertical	319	2.80	-	37.92	32.67	6.90	34.29

VHT20_Nss1,(MCS0)_2TX

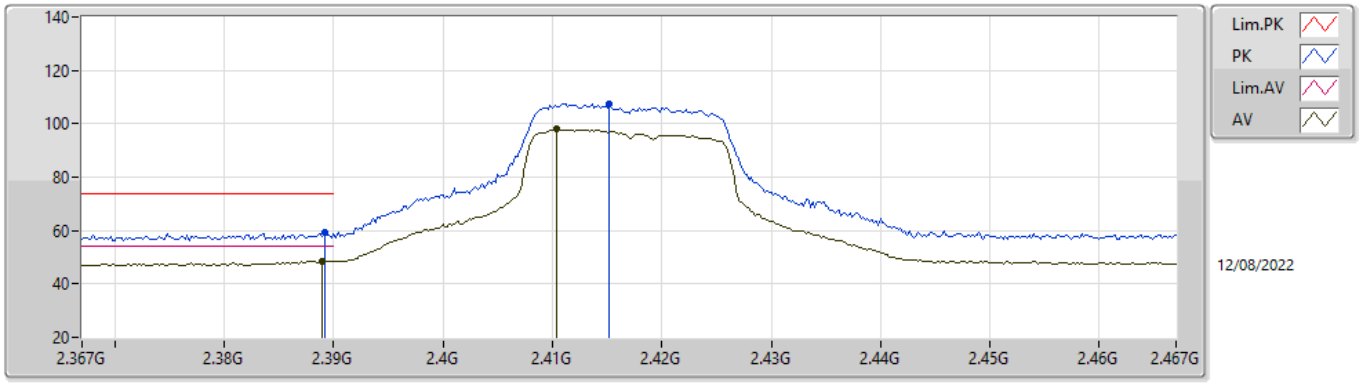
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82416G	32.21	54.00	-21.79	5.21	3	Horizontal	76	1.54	-	27.00	32.60	6.90	34.29
PK	4.84216G	43.50	74.00	-30.50	5.28	3	Horizontal	76	1.54	-	38.22	32.67	6.90	34.29

VHT20_Nss1,(MCS0)_2TX

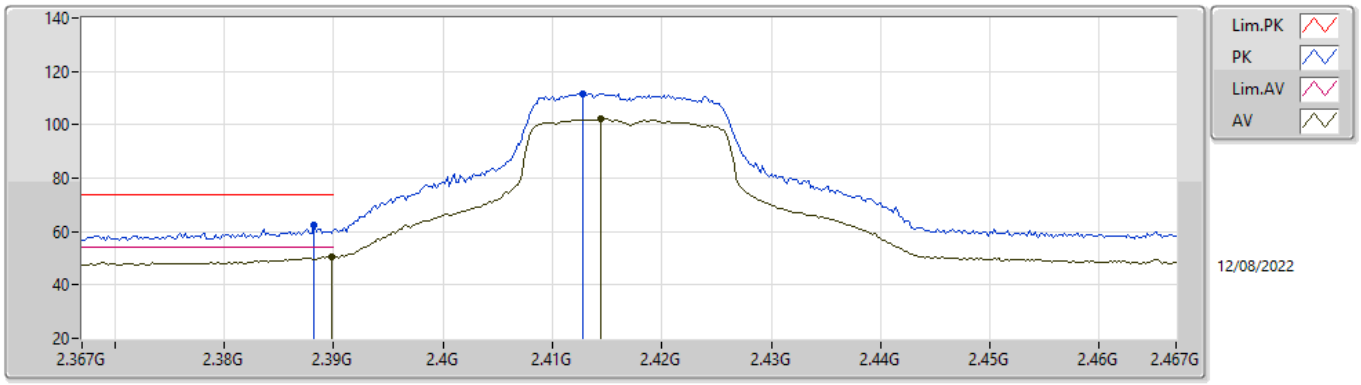
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	48.61	54.00	-5.39	31.86	3	Vertical	197	2.14	-	16.75	27.38	4.48	-
AV	2.4104G	98.34	Inf	-Inf	31.91	3	Vertical	197	2.14	-	66.43	27.44	4.47	-
PK	2.3892G	59.18	74.00	-14.82	31.86	3	Vertical	197	2.14	-	27.32	27.38	4.48	-
PK	2.4152G	107.51	Inf	-Inf	31.93	3	Vertical	197	2.14	-	75.58	27.46	4.47	-

VHT20_Nss1,(MCS0)_2TX

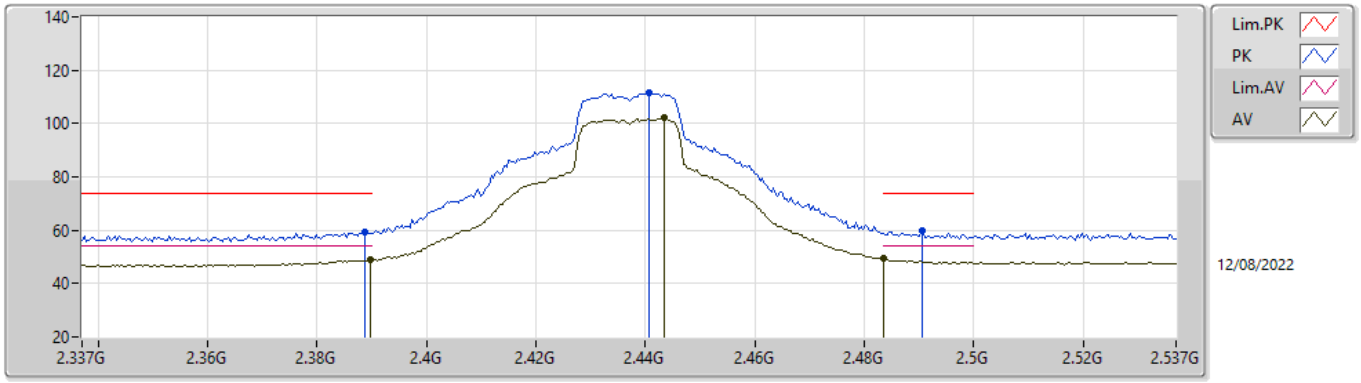
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.48	54.00	-3.52	31.86	3	Horizontal	269	2.22	-	18.62	27.38	4.48	-
AV	2.4144G	102.43	Inf	-Inf	31.93	3	Horizontal	269	2.22	-	70.50	27.46	4.47	-
PK	2.3882G	62.55	74.00	-11.45	31.86	3	Horizontal	269	2.22	-	30.69	27.38	4.48	-
PK	2.4128G	111.57	Inf	-Inf	31.92	3	Horizontal	269	2.22	-	79.65	27.45	4.47	-

VHT20_Nss1,(MCS0)_2TX

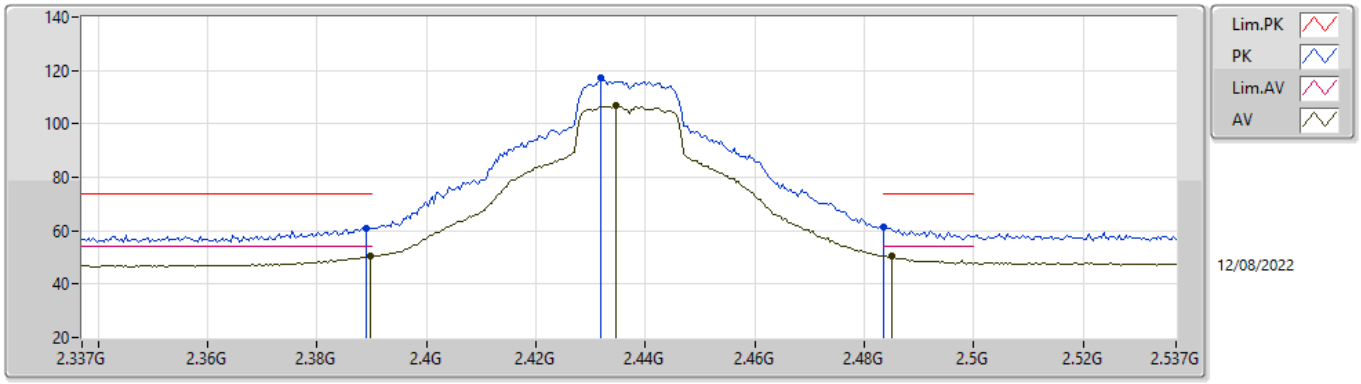
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	48.80	54.00	-5.20	31.86	3	Vertical	242	1.05	-	16.94	27.38	4.48	-
AV	2.4434G	102.29	Inf	-Inf	32.05	3	Vertical	242	1.05	-	70.24	27.57	4.48	-
AV	2.4835G	49.25	54.00	-4.75	32.28	3	Vertical	242	1.05	-	16.97	27.80	4.48	-
PK	2.3886G	59.29	74.00	-14.71	31.86	3	Vertical	242	1.05	-	27.43	27.38	4.48	-
PK	2.4406G	111.45	Inf	-Inf	32.04	3	Vertical	242	1.05	-	79.41	27.56	4.48	-
PK	2.4906G	59.63	74.00	-14.37	32.32	3	Vertical	242	1.05	-	27.31	27.84	4.48	-

VHT20_Nss1,(MCS0)_2TX

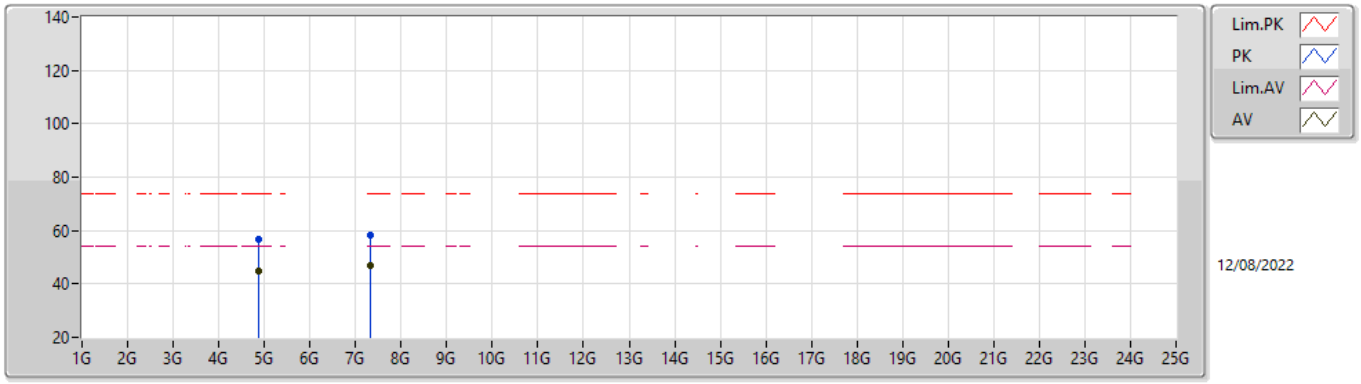
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.33	54.00	-3.67	31.86	3	Horizontal	263	2.39	-	18.47	27.38	4.48	-
AV	2.4346G	107.04	Inf	-Inf	32.02	3	Horizontal	263	2.39	-	75.02	27.54	4.48	-
AV	2.485G	50.51	54.00	-3.49	32.29	3	Horizontal	263	2.39	-	18.22	27.81	4.48	-
PK	2.389G	61.03	74.00	-12.97	31.86	3	Horizontal	263	2.39	-	29.17	27.38	4.48	-
PK	2.4318G	117.20	Inf	-Inf	32.00	3	Horizontal	263	2.39	-	85.20	27.53	4.47	-
PK	2.4835G	61.25	74.00	-12.75	32.28	3	Horizontal	263	2.39	-	28.97	27.80	4.48	-

VHT20_Nss1,(MCS0)_2TX

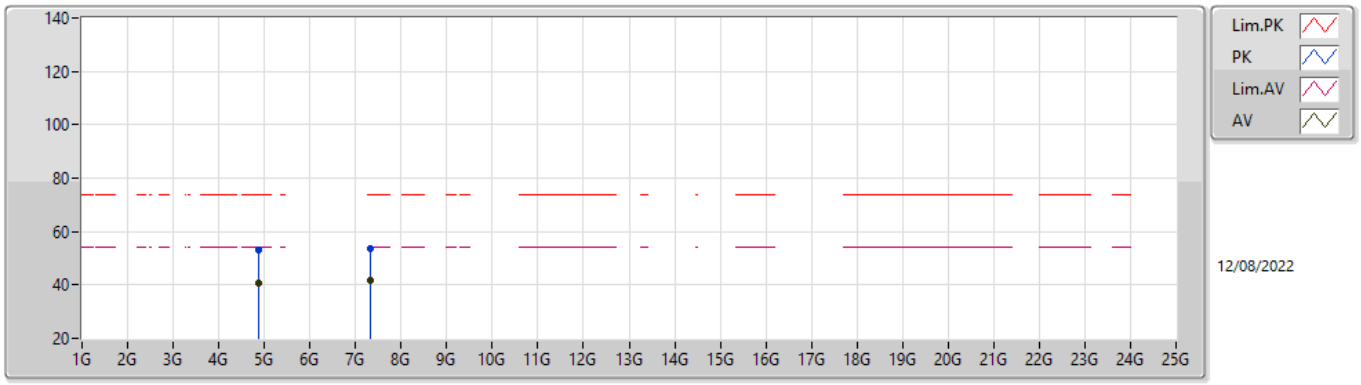
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87048G	44.80	54.00	-9.20	5.35	3	Vertical	238	2.17	-	39.45	32.74	6.90	34.29
AV	7.3162G	46.86	54.00	-7.14	10.49	3	Vertical	114	2.08	-	36.37	36.76	8.53	34.80
PK	4.87024G	56.47	74.00	-17.53	5.35	3	Vertical	238	2.17	-	51.12	32.74	6.90	34.29
PK	7.31428G	58.42	74.00	-15.58	10.49	3	Vertical	114	2.08	-	47.93	36.76	8.53	34.80

VHT20_Nss1,(MCS0)_2TX

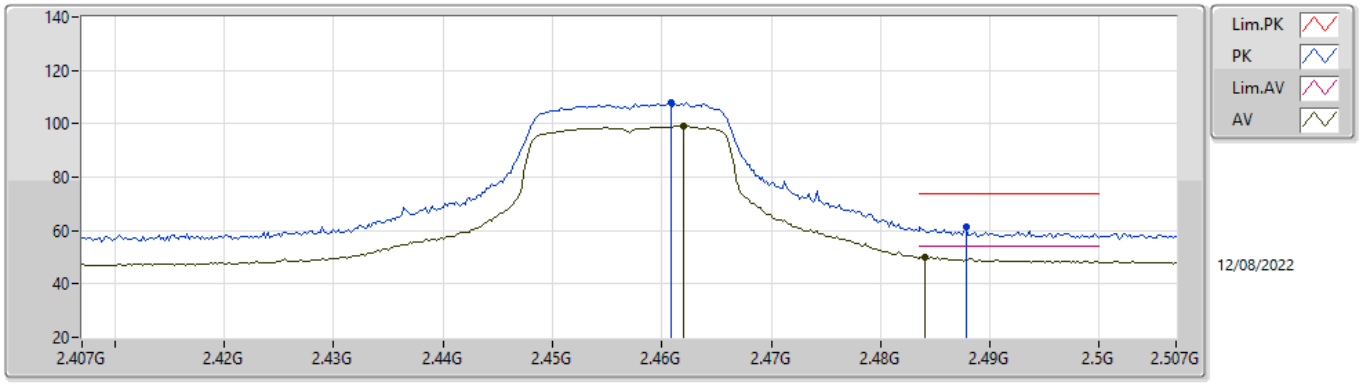
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87312G	40.83	54.00	-13.17	5.36	3	Horizontal	92	2.16	-	35.47	32.75	6.90	34.29
AV	7.31468G	41.91	54.00	-12.09	10.49	3	Horizontal	192	1.76	-	31.42	36.76	8.53	34.80
PK	4.87056G	53.14	74.00	-20.86	5.35	3	Horizontal	92	2.16	-	47.79	32.74	6.90	34.29
PK	7.32396G	53.39	74.00	-20.61	10.53	3	Horizontal	192	1.76	-	42.86	36.80	8.54	34.81

VHT20_Nss1,(MCS0)_2TX

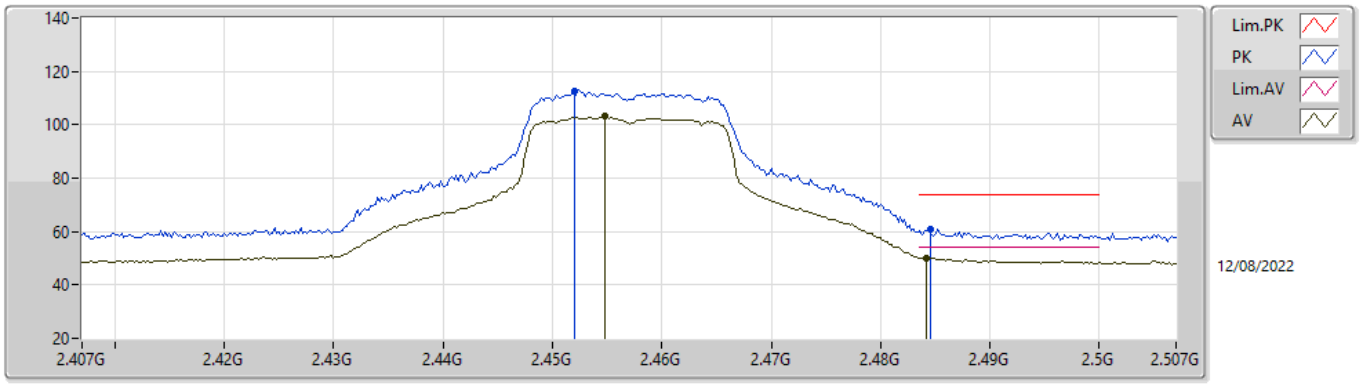
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.462G	99.03	Inf	-Inf	32.15	3	Vertical	18	2.06	-	66.88	27.67	4.48	-
AV	2.484G	49.99	54.00	-4.01	32.28	3	Vertical	18	2.06	-	17.71	27.80	4.48	-
PK	2.4608G	108.17	Inf	-Inf	32.14	3	Vertical	18	2.06	-	76.03	27.66	4.48	-
PK	2.4878G	61.42	74.00	-12.58	32.31	3	Vertical	18	2.06	-	29.11	27.83	4.48	-

VHT20_Nss1,(MCS0)_2TX

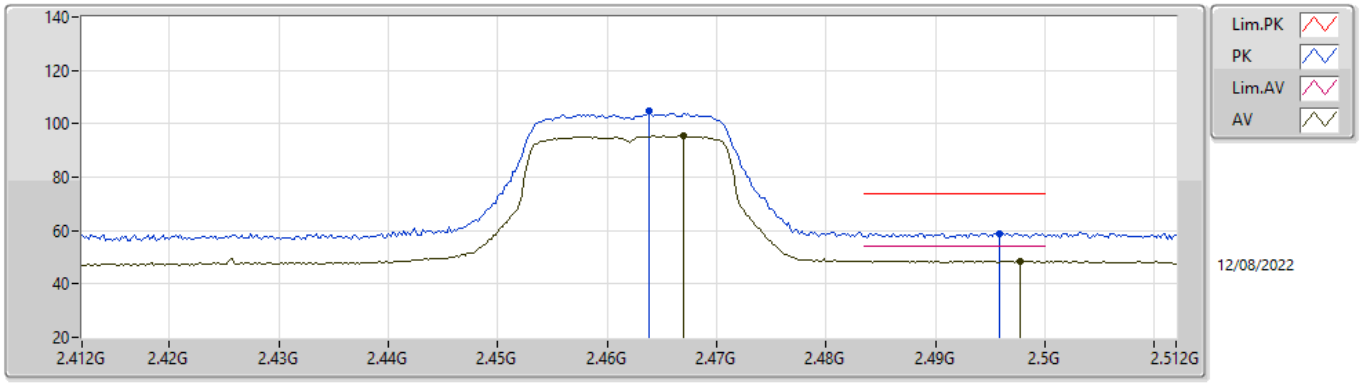
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4548G	103.07	Inf	-Inf	32.11	3	Horizontal	266	2.16	-	70.96	27.63	4.48	-
AV	2.4842G	50.17	54.00	-3.83	32.29	3	Horizontal	266	2.16	-	17.88	27.81	4.48	-
PK	2.452G	112.46	Inf	-Inf	32.09	3	Horizontal	266	2.16	-	80.37	27.61	4.48	-
PK	2.4846G	60.92	74.00	-13.08	32.29	3	Horizontal	266	2.16	-	28.63	27.81	4.48	-

VHT20_Nss1,(MCS0)_2TX

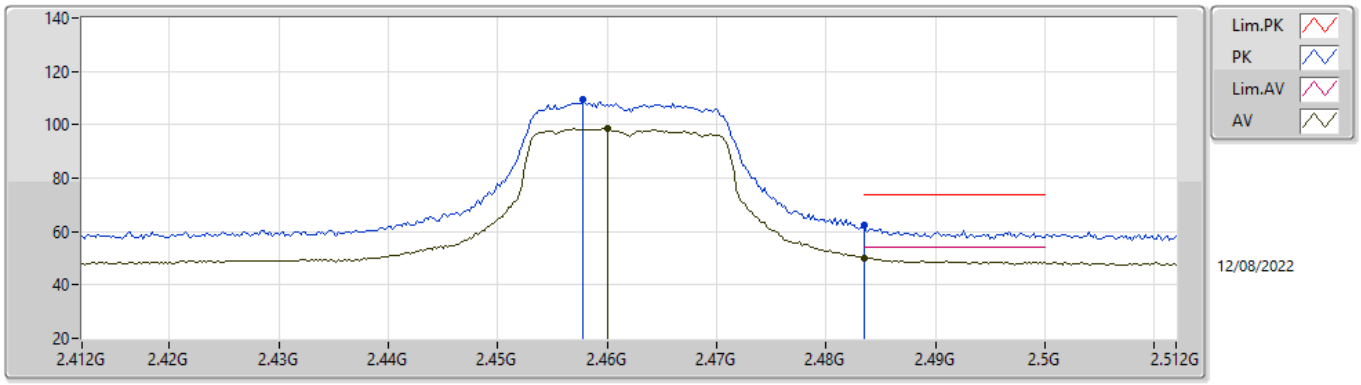
2462MHz_TX



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	2.467G	95.51	Inf	-Inf	32.18	3	Vertical	18	2.05	-	63.33	27.70	4.48	-
AV	2.4978G	48.70	54.00	-5.30	32.37	3	Vertical	18	2.05	-	16.33	27.89	4.48	-
PK	2.4638G	104.62	Inf	-Inf	32.16	3	Vertical	18	2.05	-	72.46	27.68	4.48	-
PK	2.4958G	58.98	74.00	-15.02	32.35	3	Vertical	18	2.05	-	26.63	27.87	4.48	-

VHT20_Nss1,(MCS0)_2TX

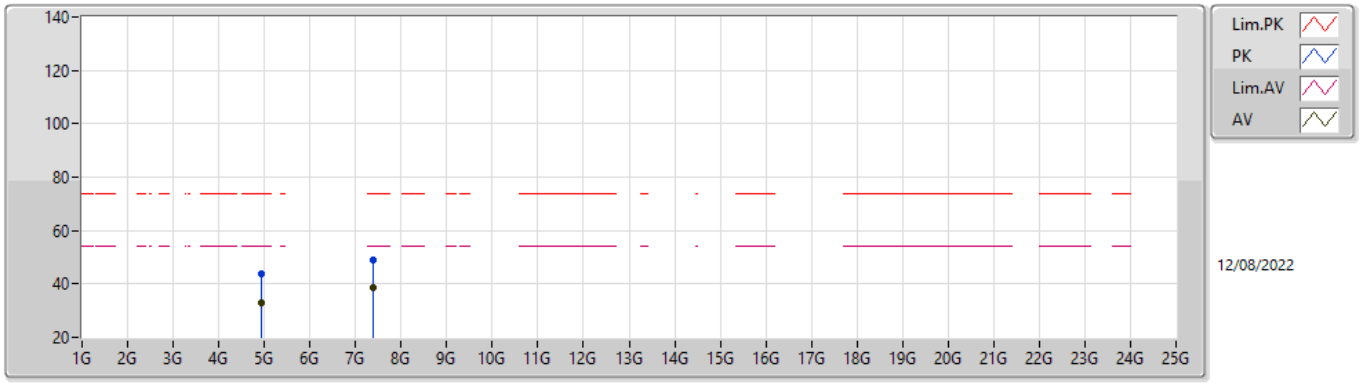
2462MHz_TX



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)
PK	2.4578G	109.54	Inf	-Inf	32.13	3	Horizontal	269	2.67	-	77.41	27.65	4.48	-
PK	2.4835G	62.25	74.00	-11.75	32.28	3	Horizontal	269	2.67	-	29.97	27.80	4.48	-
AV	2.46G	98.55	Inf	-Inf	32.14	3	Horizontal	269	2.67	-	66.41	27.66	4.48	-
AV	2.4835G	50.16	54.00	-3.84	32.28	3	Horizontal	269	2.67	-	17.88	27.80	4.48	-

VHT20_Nss1,(MCS0)_2TX

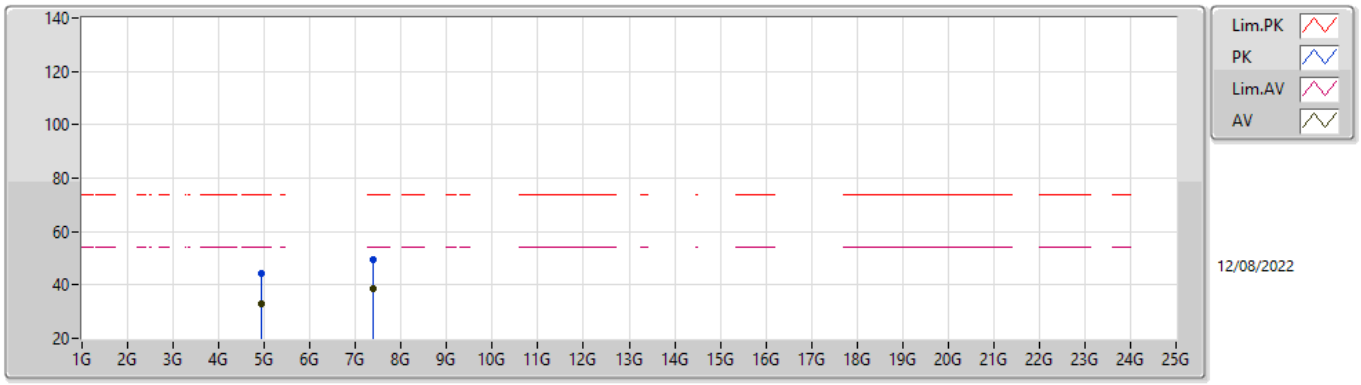
2462MHz_TX



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	4.93848G	32.96	54.00	-21.04	5.66	3	Vertical	145	1.92	-	27.30	33.03	6.91	34.28
AV	7.3712G	38.44	54.00	-15.56	10.56	3	Vertical	289	1.19	-	27.88	36.77	8.60	34.81
PK	4.93768G	43.67	74.00	-30.33	5.66	3	Vertical	145	1.92	-	38.01	33.03	6.91	34.28
PK	7.37712G	48.75	74.00	-25.25	10.53	3	Vertical	289	1.19	-	38.22	36.74	8.60	34.81

VHT20_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	4.94144G	32.97	54.00	-21.03	5.68	3	Horizontal	298	1.61	-	27.29	33.05	6.91	34.28
AV	7.37632G	38.44	54.00	-15.56	10.53	3	Horizontal	104	2.82	-	27.91	36.74	8.60	34.81
PK	4.93G	44.14	74.00	-29.86	5.61	3	Horizontal	298	1.61	-	38.53	32.98	6.91	34.28
PK	7.37616G	49.45	74.00	-24.55	10.53	3	Horizontal	104	2.82	-	38.92	36.74	8.60	34.81