FCC Radio Test Report

FCC ID	:	**PPQ-WCBN3512R**
Equipment	:	**WCBN3512R**
Brand Name	:	**LITEON**
Model Name	:	**WCBN3512R**
Applicant	:	**LITE-ON Technology Corp. Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City 23585, Taiwan, R.O.C**
Manufacturer	:	**LITE-ON TECHNOLOGY (Changzhou) CO., LTD A9 Building,No.88 Yanghu Road, Wujin Hi-Tech Industrial Development Zone ,Changzhou City, Jiangsu Province 213100 China**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Mar. 30, 2022, and testing was started from Apr. 20, 2022 and completed on Jun. 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
FR232501AC	01	Initial issue of report	Jul. 18, 2022

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Sam Tsai

Report Producer: 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)	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	802.11n HT20	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.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	SHENZHEN SOUTH STAR	N12-8145-ROA	PCB	I-PEX
2	SHENZHEN SOUTH STAR	N12-8145-ROA	PCB	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	4.07	4.56	-
2	2	3.42	4.97	3.42

Note 1: The EUT has two antennas.

For 2.4 GHz function:

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

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

For 5 GHz function:

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

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

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Test Fixture			
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	0.945	0.25	8.385m	300
802.11g_Nss1,(6Mbps)_2TX	0.793	1.01	1.393m	1k
802.11n HT20_Nss2,(MCS0)_2TX	0.774	1.11	1.301m	1k

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 **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Wayne	21.1~21.8°C / 57~58%	17/May/2022
RF Conducted	TH07-HY	Yuna	22.5~25.3°C / 48~56%	06/May/2022~29/May/2022
Radiated (Co-location)	03CH03-HY	Edward	23.3~24.5°C / 55~61%	26/Jun/2022
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Daniel	22.1~24.3°C / 58~68%	20/Apr/2022~27/May/2022

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool V3_2_1_3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20/20
2437MHz	20/20
2457MHz	19/19
2462MHz	18.5/18.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	14/14
2417MHz	16/16
2437MHz	20/20
2457MHz	15/15
2462MHz	12.5/12.5
802.11n HT20_Nss2,(MCS0)_2TX	-
2412MHz	14/14
2417MHz	16.5/16.5
2437MHz	20.5/20.5
2457MHz	16/16
2462MHz	13/13

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	Test Fixture mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4GHz WLAN+Bluetooth
2	5GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA232501 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Support Equipment

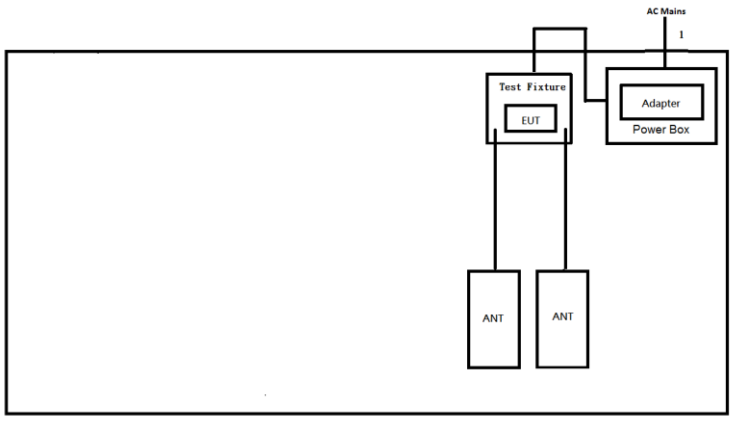
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Test Fixture	-	-	-	Provided by Customer
2	AC Adapter for Test fixture	APD	WB-12G12FU	-	Provided by Customer

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	Test Fixture	-	-	-	Provided by Customer
2	AC Adapter for Test fixture	APD	WB-12G12FU	-	Provided by Customer

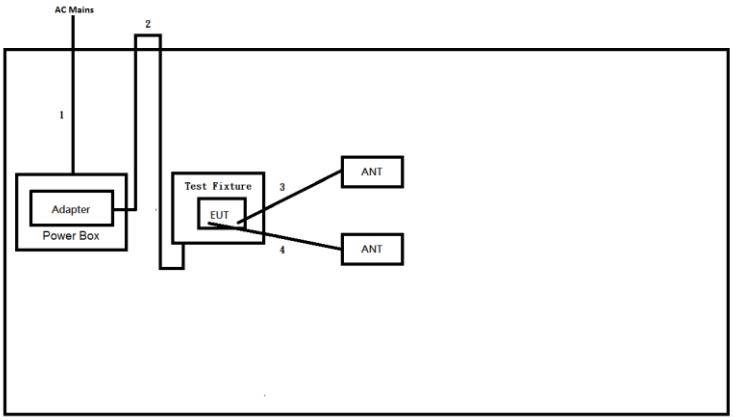
2.4 Test Setup Diagram

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	3.0
3	RF Cable	No	0.593
4	RF Cable	No	0.476

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	DC Power cable	No	3.0
3	RF Cable	No	0.593
4	RF Cable	No	0.476

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

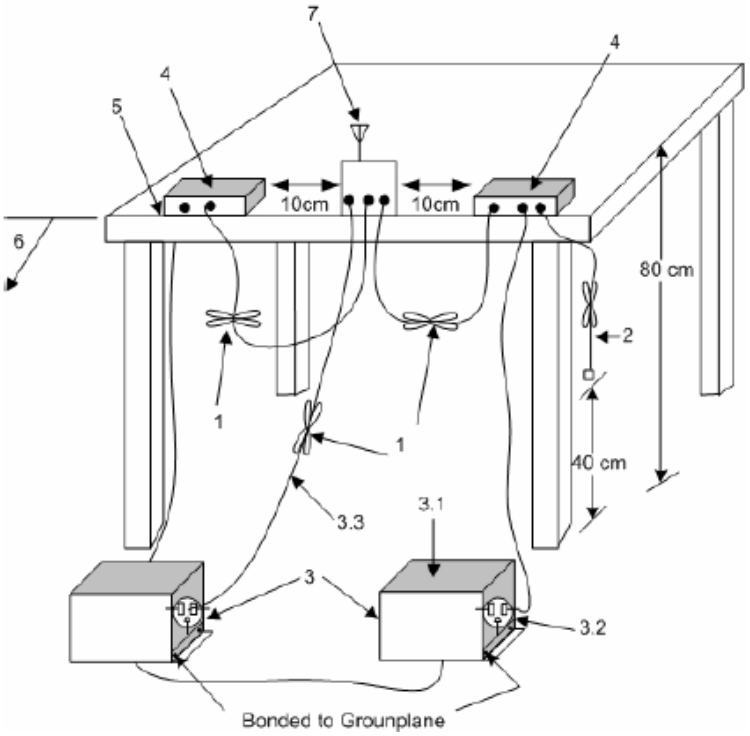
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

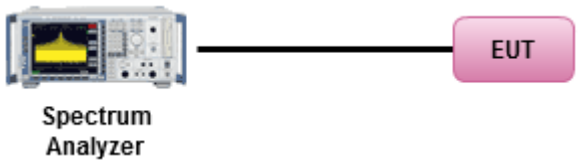
3.2.2 Measuring Instruments

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} ≤ 6 dBi, then P_{Out} ≤ 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 + 8dB dBm
e.i.r.p. Power Limit:		
▪ 2400-2483.5 MHz Band		
	▪ Point-to-multipoint systems (P2M): P_{eirp} ≤ 36 dBm (4 W)	
	▪ Point-to-point systems (P2P): P_{eirp} ≤ MAX(36, [P_{Out} + G_{TX}]) dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm
		- Overlap beam: P_{eirp} ≤ MAX(36, P_{Out} + G_{TX}) dBm
		- Aggregate power on all beams: P_{eirp} ≤ 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

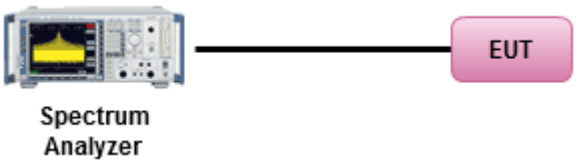
3.4.2 Measuring Instruments

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.	

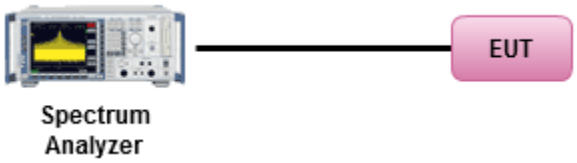
3.5.2 Measuring Instruments

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.

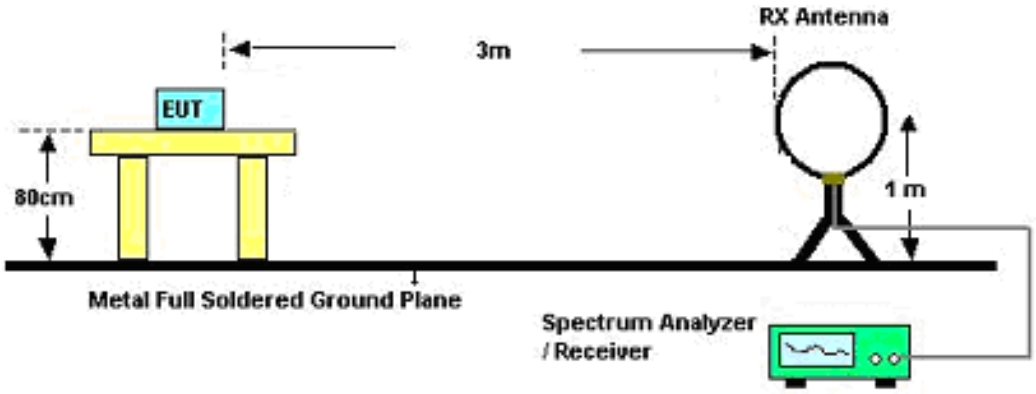
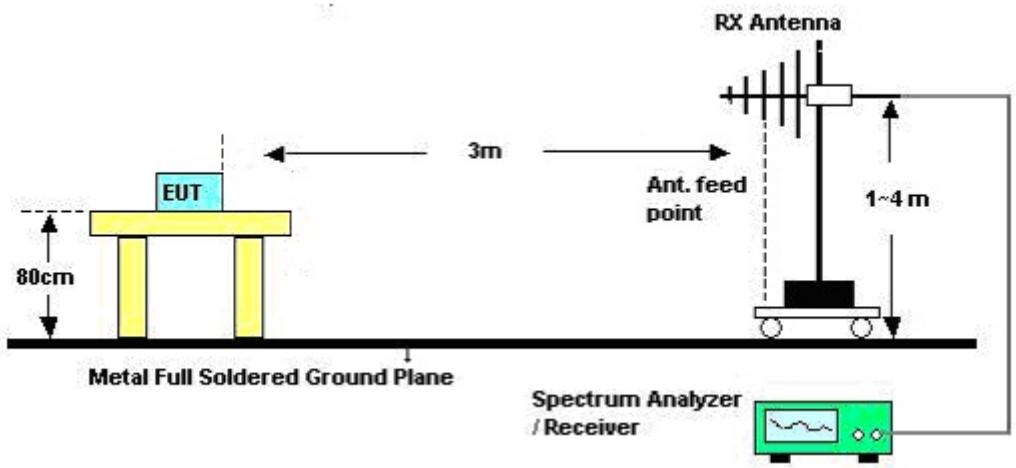
3.6.3 Test Procedures

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.

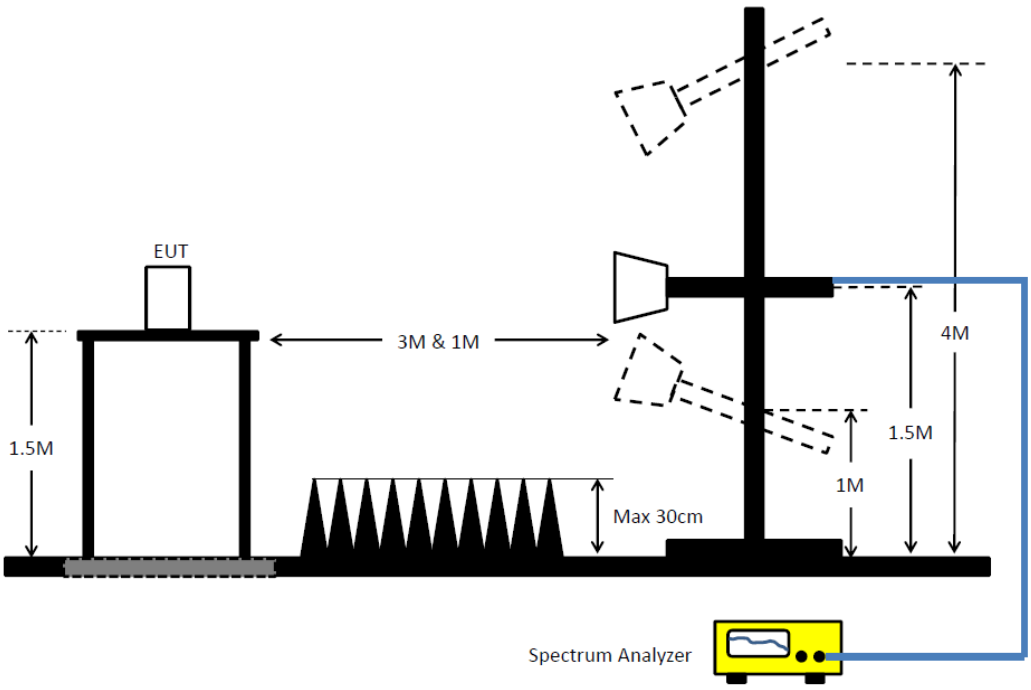
3.6.4 Measurement Results Calculation

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	21/May/2021	20/May/2022
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	V5.10.7	-	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	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247_DTS	Sporton	V5.10.7.18	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	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~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
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	21/May/2021	20/May/2022
SENSE-15247_DTS	Sporton	V5.10.7.17	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4 +SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
Software	Sporton	SENSE-EMI	V5.10.7	-	N/A	N/A

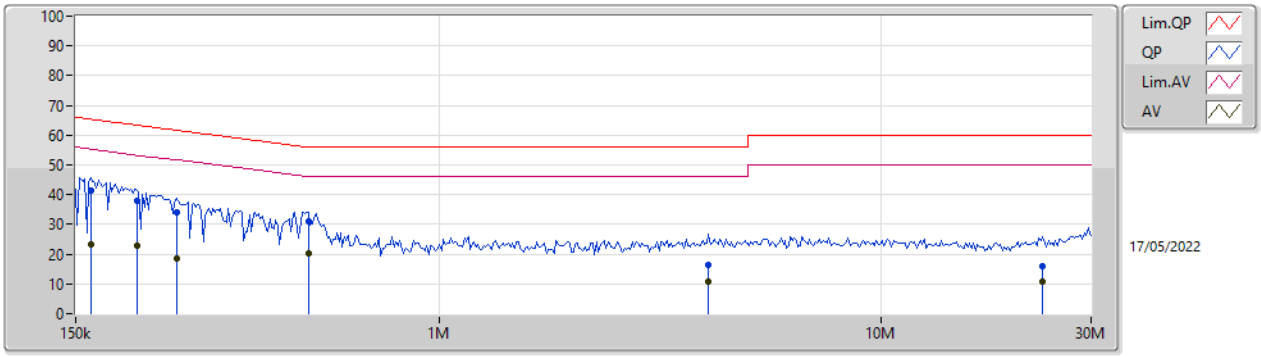
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	510.059k	33.00	46.00	-13.00	Neutral

Mode Configure

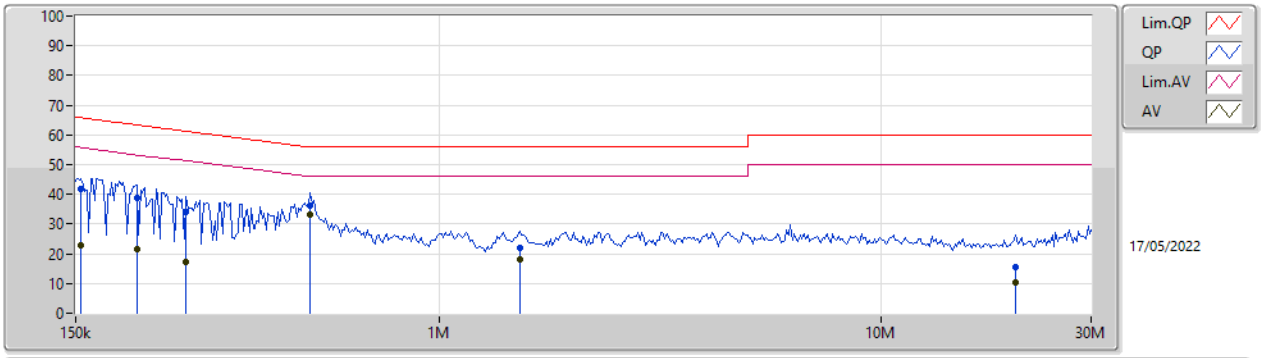
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	162.429k	41.38	65.33	-23.95	Line	-
Mode 1	Pass	AV	162.429k	23.23	55.33	-32.10	Line	-
Mode 1	Pass	QP	206.241k	38.08	63.36	-25.28	Line	-
Mode 1	Pass	AV	206.241k	22.63	53.36	-30.73	Line	-
Mode 1	Pass	QP	254.17k	34.22	61.62	-27.40	Line	-
Mode 1	Pass	AV	254.17k	18.68	51.62	-32.94	Line	-
Mode 1	Pass	QP	505.009k	31.05	56.00	-24.95	Line	-
Mode 1	Pass	AV	505.009k	20.19	46.00	-25.81	Line	-
Mode 1	Pass	QP	4.081M	16.37	56.00	-39.63	Line	-
Mode 1	Pass	AV	4.081M	10.68	46.00	-35.32	Line	-
Mode 1	Pass	QP	23.282M	16.15	60.00	-43.85	Line	-
Mode 1	Pass	AV	23.282M	10.72	50.00	-39.28	Line	-
Mode 1	Pass	QP	154.545k	41.77	65.75	-23.98	Neutral	-
Mode 1	Pass	AV	154.545k	23.03	55.75	-32.72	Neutral	-
Mode 1	Pass	QP	206.241k	38.91	63.36	-24.45	Neutral	-
Mode 1	Pass	AV	206.241k	21.60	53.36	-31.76	Neutral	-
Mode 1	Pass	QP	267.135k	34.00	61.20	-27.20	Neutral	-
Mode 1	Pass	AV	267.135k	17.21	51.20	-33.99	Neutral	-
Mode 1	Pass	QP	510.059k	36.36	56.00	-19.64	Neutral	-
Mode 1	Pass	AV	510.059k	33.00	46.00	-13.00	Neutral	-
Mode 1	Pass	QP	1.524M	22.08	56.00	-33.92	Neutral	-
Mode 1	Pass	AV	1.524M	18.29	46.00	-27.71	Neutral	-
Mode 1	Pass	QP	20.255M	15.48	60.00	-44.52	Neutral	-
Mode 1	Pass	AV	20.255M	10.29	50.00	-39.71	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	162.429k	41.38	65.33	-23.95	19.63	Line	-	21.75	9.69	0.03	9.91
AV	162.429k	23.23	55.33	-32.10	19.63	Line	-	3.60	9.69	0.03	9.91
QP	206.241k	38.08	63.36	-25.28	19.63	Line	-	18.45	9.69	0.03	9.91
AV	206.241k	22.63	53.36	-30.73	19.63	Line	-	3.00	9.69	0.03	9.91
QP	254.17k	34.22	61.62	-27.40	19.63	Line	-	14.59	9.69	0.03	9.91
AV	254.17k	18.68	51.62	-32.94	19.63	Line	-	-0.95	9.69	0.03	9.91
QP	505.009k	31.05	56.00	-24.95	19.63	Line	-	11.42	9.68	0.04	9.91
AV	505.009k	20.19	46.00	-25.81	19.63	Line	-	0.56	9.68	0.04	9.91
QP	4.081M	16.37	56.00	-39.63	19.76	Line	-	-3.39	9.71	0.13	9.92
AV	4.081M	10.68	46.00	-35.32	19.76	Line	-	-9.08	9.71	0.13	9.92
QP	23.282M	16.15	60.00	-43.85	20.03	Line	-	-3.88	9.80	0.30	9.93
AV	23.282M	10.72	50.00	-39.28	20.03	Line	-	-9.31	9.80	0.30	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	154.545k	41.77	65.75	-23.98	19.67	Neutral	-	22.10	9.73	0.03	9.91
AV	154.545k	23.03	55.75	-32.72	19.67	Neutral	-	3.36	9.73	0.03	9.91
QP	206.241k	38.91	63.36	-24.45	19.66	Neutral	-	19.25	9.72	0.03	9.91
AV	206.241k	21.60	53.36	-31.76	19.66	Neutral	-	1.94	9.72	0.03	9.91
QP	267.135k	34.00	61.20	-27.20	19.66	Neutral	-	14.34	9.72	0.03	9.91
AV	267.135k	17.21	51.20	-33.99	19.66	Neutral	-	-2.45	9.72	0.03	9.91
QP	510.059k	36.36	56.00	-19.64	19.67	Neutral	-	16.69	9.72	0.04	9.91
AV	510.059k	33.00	46.00	-13.00	19.67	Neutral	-	13.33	9.72	0.04	9.91
QP	1.524M	22.08	56.00	-33.92	19.73	Neutral	-	2.35	9.74	0.07	9.92
AV	1.524M	18.29	46.00	-27.71	19.73	Neutral	-	-1.44	9.74	0.07	9.92
QP	20.255M	15.48	60.00	-44.52	20.20	Neutral	-	-4.72	10.00	0.27	9.93
AV	20.255M	10.29	50.00	-39.71	20.20	Neutral	-	-9.91	10.00	0.27	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	8.55M	13.243M	13M2G1D	7.575M	12.994M
802.11g_Nss1,(6Mbps)_2TX	16M	17.016M	17M0D1D	15.025M	16.692M
802.11n HT20_Nss2,(MCS0)_2TX	17.55M	18.016M	18M0D1D	15.65M	17.866M

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

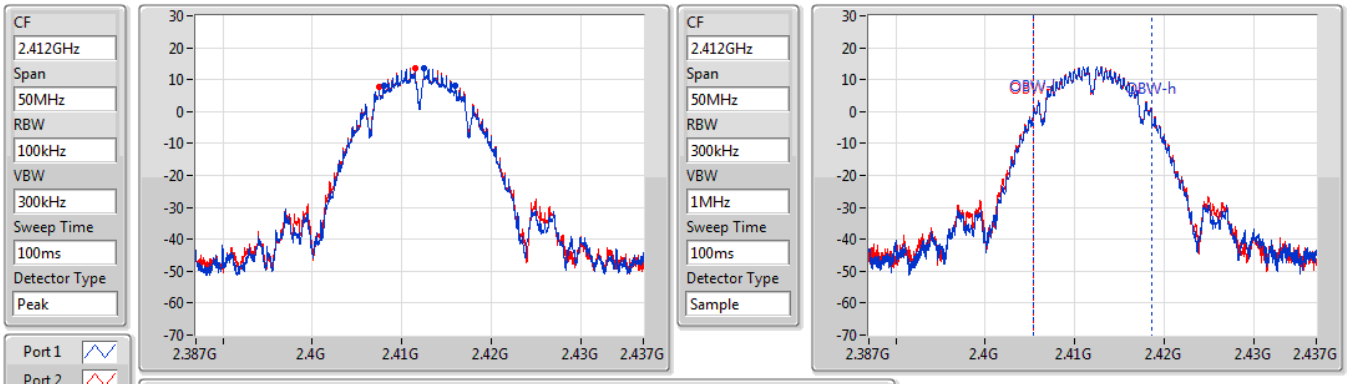
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	13.168M	8.525M	13.243M
2437MHz	Pass	500k	8.55M	13.118M	8.025M	13.193M
2462MHz	Pass	500k	8.525M	12.994M	7.575M	13.018M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.767M	15.9M	16.692M
2437MHz	Pass	500k	15.725M	16.892M	16M	17.016M
2462MHz	Pass	500k	15.65M	16.692M	15.9M	16.692M
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.675M	17.941M	17.55M	17.891M
2437MHz	Pass	500k	15.75M	18.016M	17.15M	17.991M
2462MHz	Pass	500k	15.65M	17.891M	17.5M	17.866M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

06/05/2022

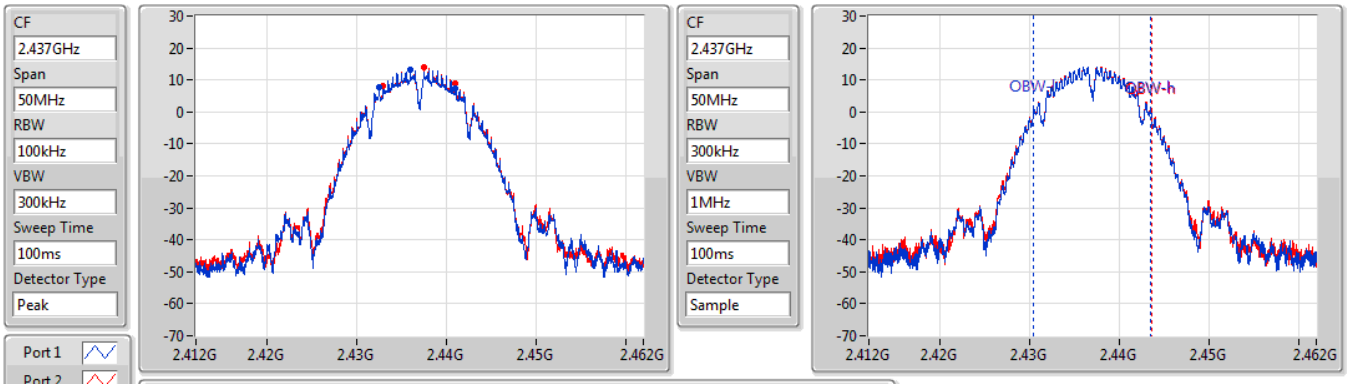


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.408G	2.416025G	13.168M	2.405403G	2.418572G	500k	1
8.525M	2.407475G	2.416G	13.243M	2.405353G	2.418597G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

06/05/2022

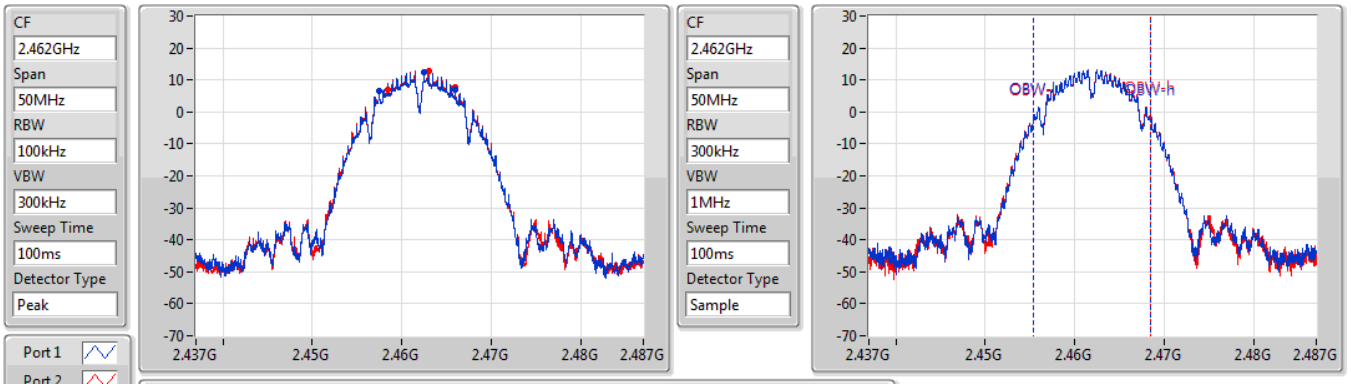


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.432475G	2.441025G	13.118M	2.430403G	2.443522G	500k	1
8.025M	2.43295G	2.440975G	13.193M	2.430378G	2.443572G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

06/05/2022

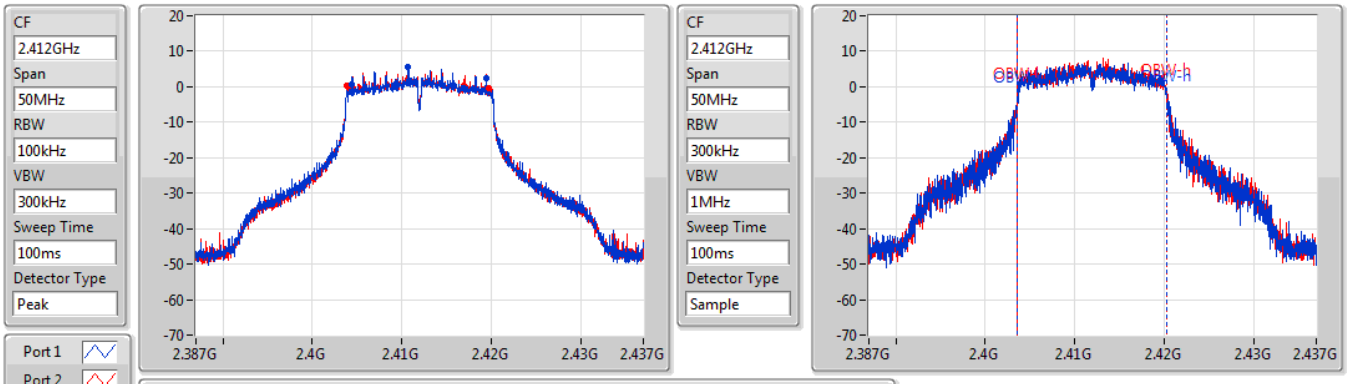


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.457475G	2.466G	12.994M	2.455453G	2.468447G	500k	1
7.575M	2.458425G	2.466G	13.018M	2.455453G	2.468472G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

06/05/2022



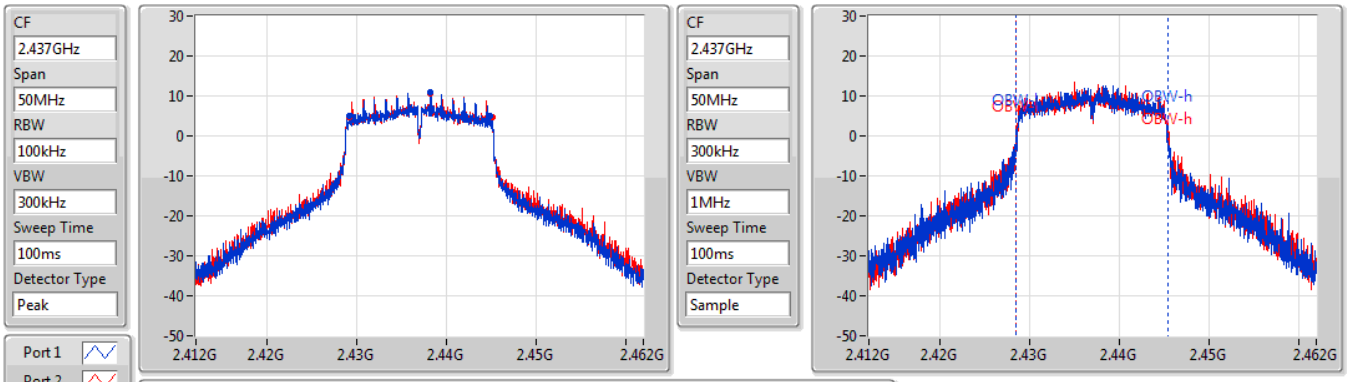
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.404425G	2.41945G	16.767M	2.403579G	2.420346G	500k	1
15.9M	2.40385G	2.41975G	16.692M	2.403629G	2.420321G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

06/05/2022



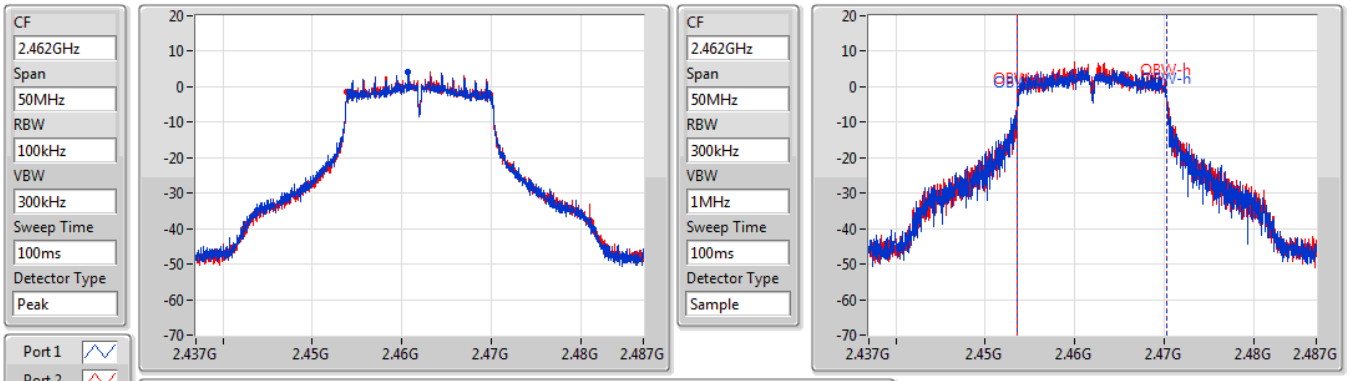
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.725M	2.429125G	2.44485G	16.892M	2.428479G	2.445371G	500k	1
16M	2.4291G	2.4451G	17.016M	2.428454G	2.445471G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

06/05/2022

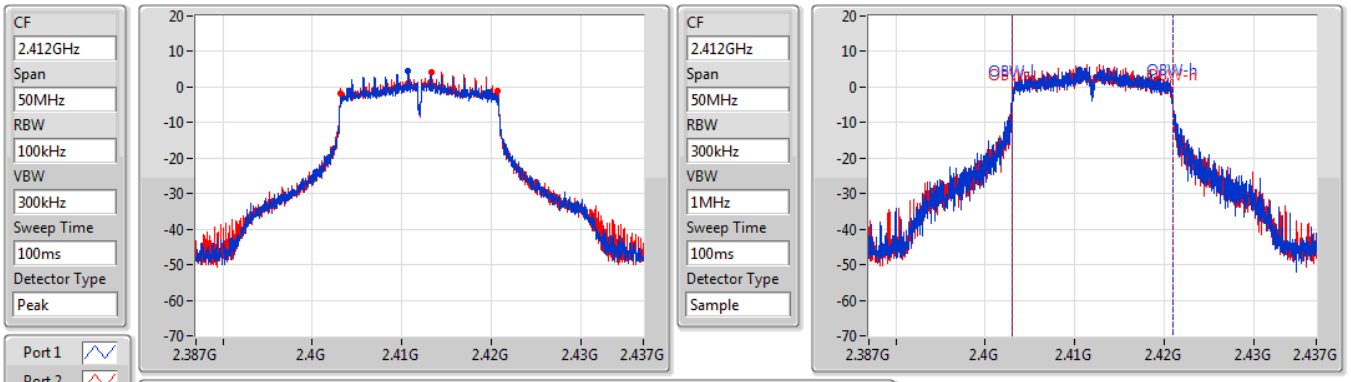


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.454075G	2.469725G	16.692M	2.453604G	2.470296G	500k	1
15.9M	2.453825G	2.469725G	16.692M	2.453629G	2.470321G	500k	2

802.11n HT20_Nss2,(MCS0)_2TX EBW

2412MHz

06/05/2022

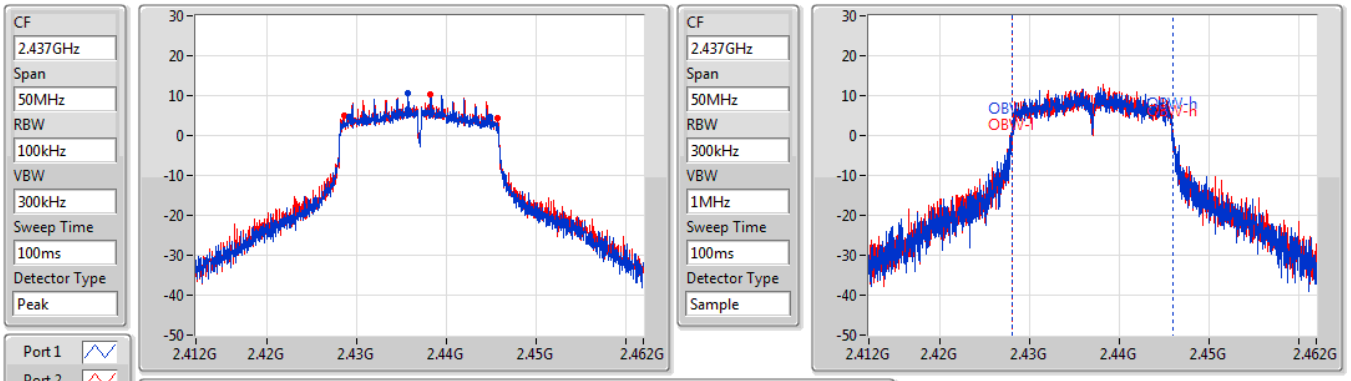


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	2.4041G	2.419775G	17.941M	2.403004G	2.420946G	500k	1
17.55M	2.4032G	2.42075G	17.891M	2.403029G	2.420921G	500k	2

802.11n HT20_Nss2,(MCS0)_2TX EBW

2437MHz

06/05/2022

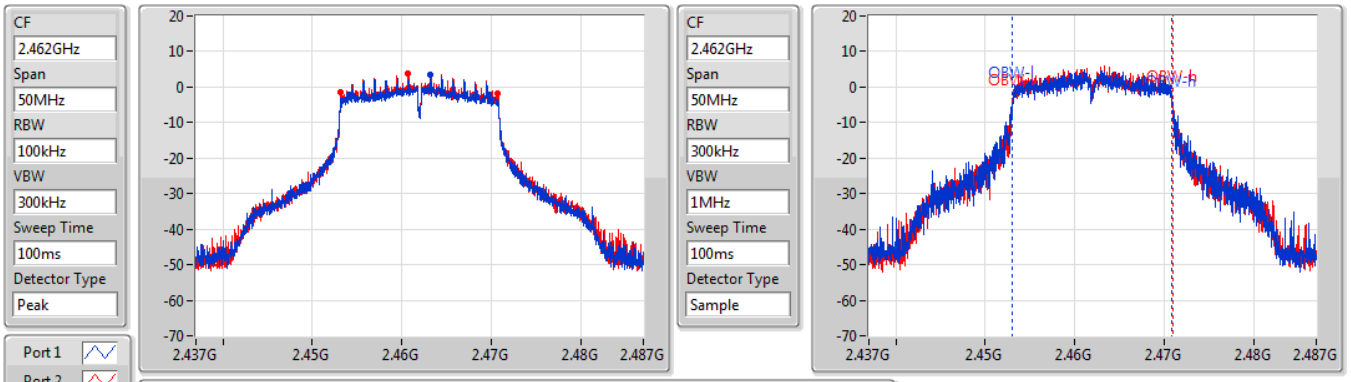


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	2.4291G	2.44485G	18.016M	2.427955G	2.445971G	500k	1
17.15M	2.4286G	2.44575G	17.991M	2.427955G	2.445946G	500k	2

802.11n HT20_Nss2,(MCS0)_2TX EBW

2462MHz

06/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.454075G	2.469725G	17.891M	2.453004G	2.470896G	500k	1
17.5M	2.453225G	2.470725G	17.866M	2.453054G	2.470921G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.38	0.34514
802.11g_Nss1,(6Mbps)_2TX	24.42	0.27669
802.11n HT20_Nss2,(MCS0)_2TX	24.01	0.25177

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.07	22.28	22.46	25.38	30.00
2437MHz	Pass	4.07	22.14	22.32	25.24	30.00
2457MHz	Pass	4.07	21.23	21.53	24.39	30.00
2462MHz	Pass	4.07	20.66	21.28	23.99	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.07	16.25	16.52	19.40	30.00
2417MHz	Pass	4.07	18.18	18.40	21.30	30.00
2437MHz	Pass	4.07	21.35	21.46	24.42	30.00
2457MHz	Pass	4.07	17.37	17.54	20.47	30.00
2462MHz	Pass	4.07	14.97	15.12	18.06	30.00
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.76	15.20	15.48	18.35	30.00
2417MHz	Pass	3.76	17.58	17.95	20.78	30.00
2437MHz	Pass	3.76	20.95	21.05	24.01	30.00
2457MHz	Pass	3.76	17.29	17.50	20.41	30.00
2462MHz	Pass	3.76	14.32	14.65	17.50	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	1.08
802.11g_Nss1,(6Mbps)_2TX	-2.58
802.11n HT20_Nss2,(MCS0)_2TX	-2.89

RBW = 3kHz;

Result

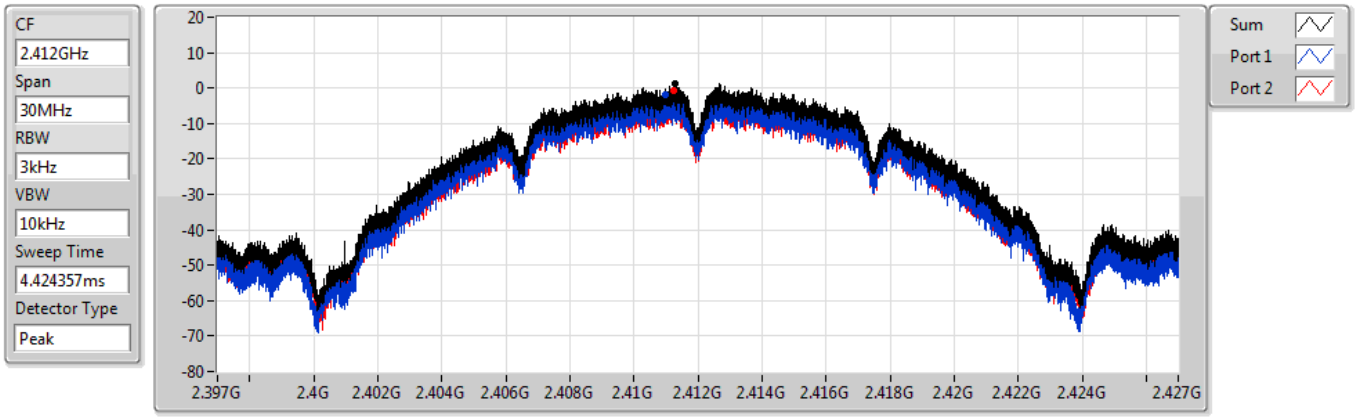
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.76	-2.00	-0.66	1.08	7.24
2437MHz	Pass	6.76	-0.31	-1.30	0.81	7.24
2462MHz	Pass	6.76	-2.23	-1.72	0.26	7.24
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.76	-8.81	-8.58	-7.24	7.24
2437MHz	Pass	6.76	-3.74	-4.20	-2.58	7.24
2462MHz	Pass	6.76	-10.21	-9.94	-8.08	7.24
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.76	-10.52	-9.59	-8.45	8.00
2437MHz	Pass	3.76	-4.61	-4.70	-2.89	8.00
2462MHz	Pass	3.76	-11.04	-10.39	-9.57	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

29/05/2022

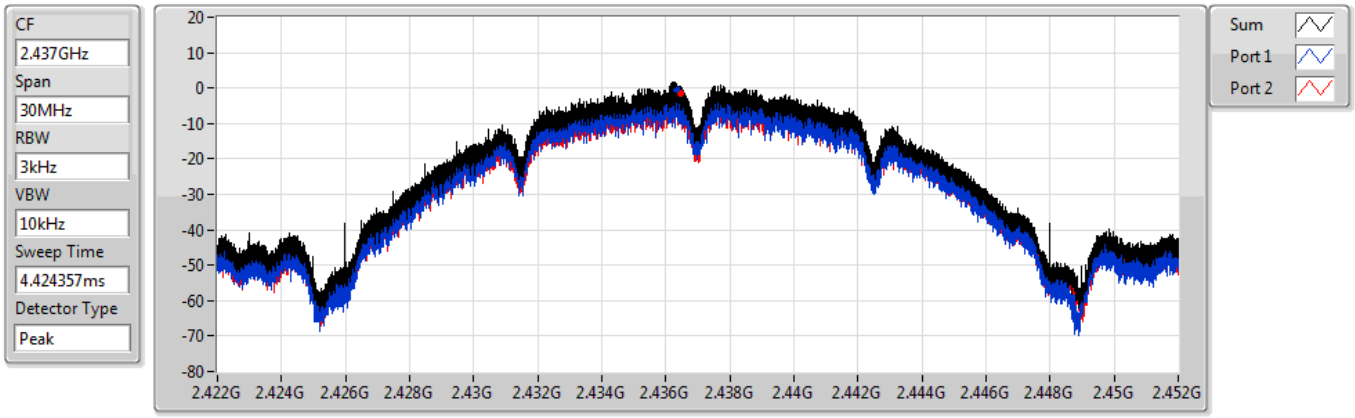


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-2.00	-0.66

802.11b_Nss1,(1Mbps)_2TX PSD

2437MHz

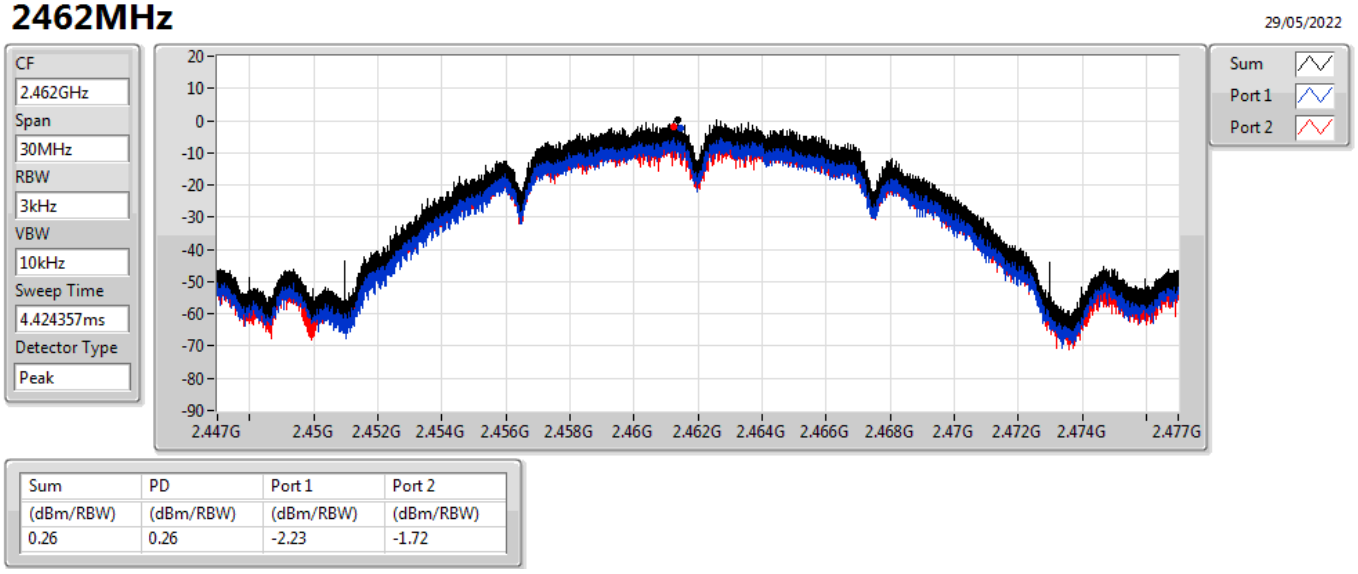
29/05/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.81	0.81	-0.31	-1.30

802.11b_Nss1,(1Mbps)_2TX PSD

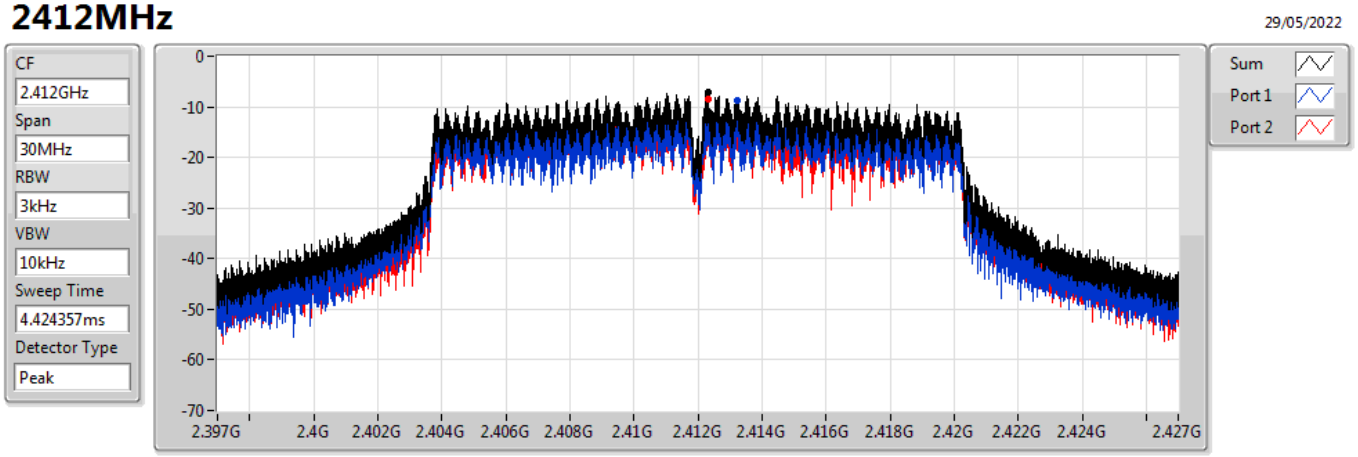
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26	-2.23	-1.72

802.11g_Nss1,(6Mbps)_2TX PSD

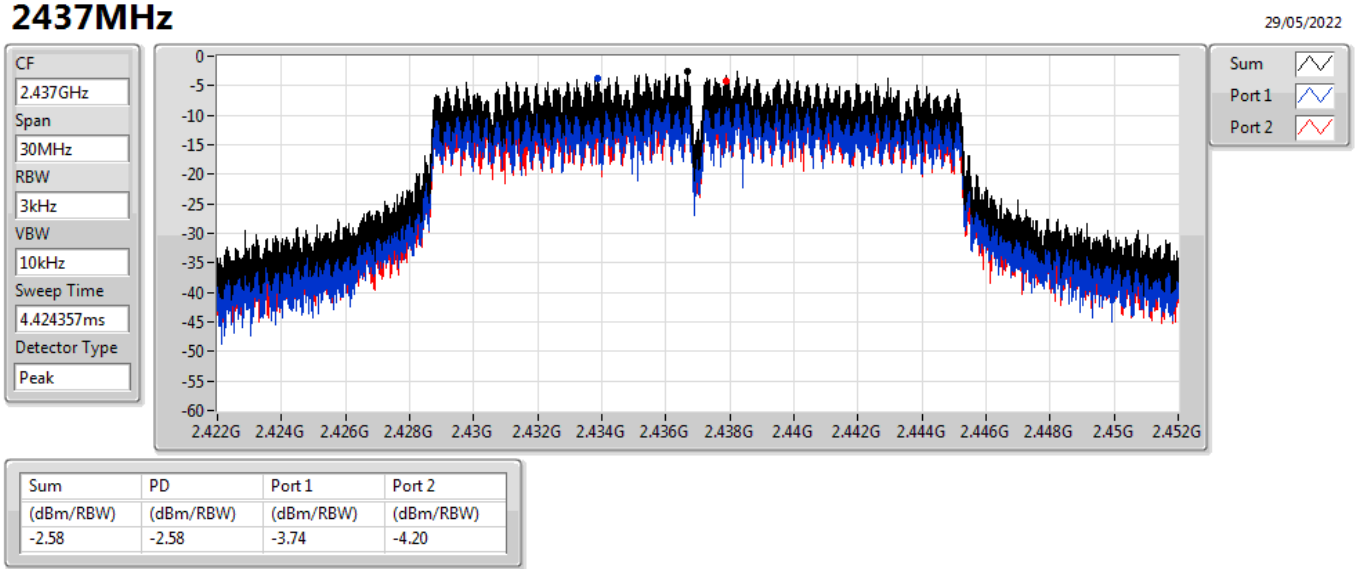
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.24	-7.24	-8.81	-8.58

802.11g_Nss1,(6Mbps)_2TX PSD

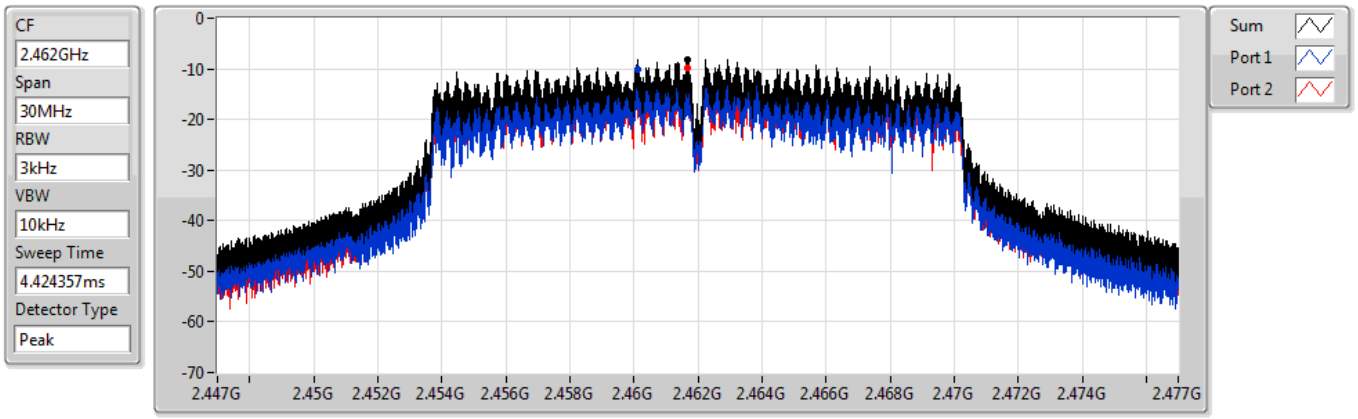
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.58	-2.58	-3.74	-4.20

802.11g_Nss1,(6Mbps)_2TX PSD

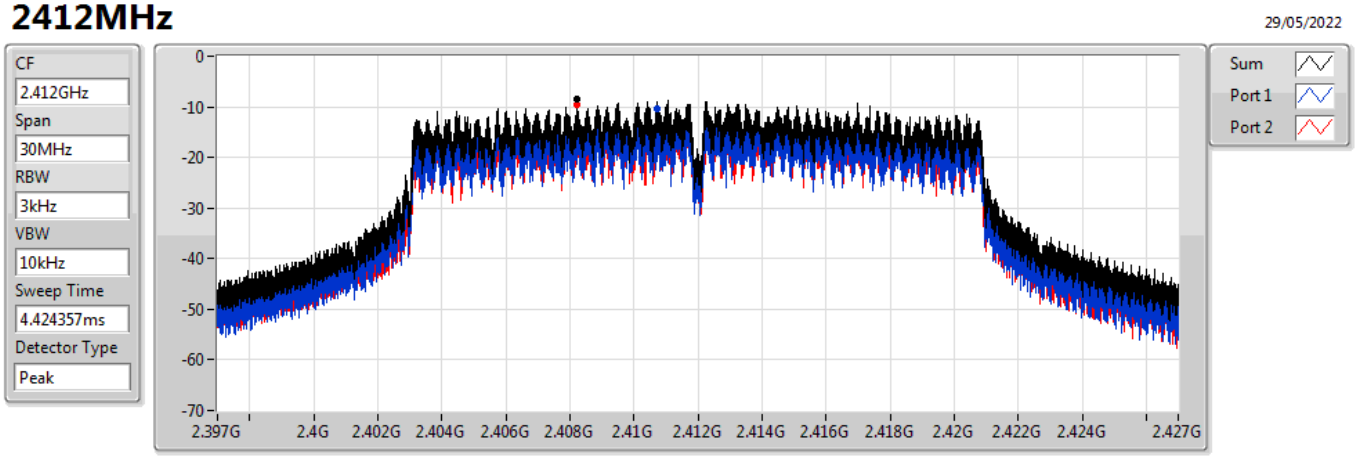
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.08	-8.08	-10.21	-9.94

802.11n HT20_Nss2,(MCS0)_2TX PSD

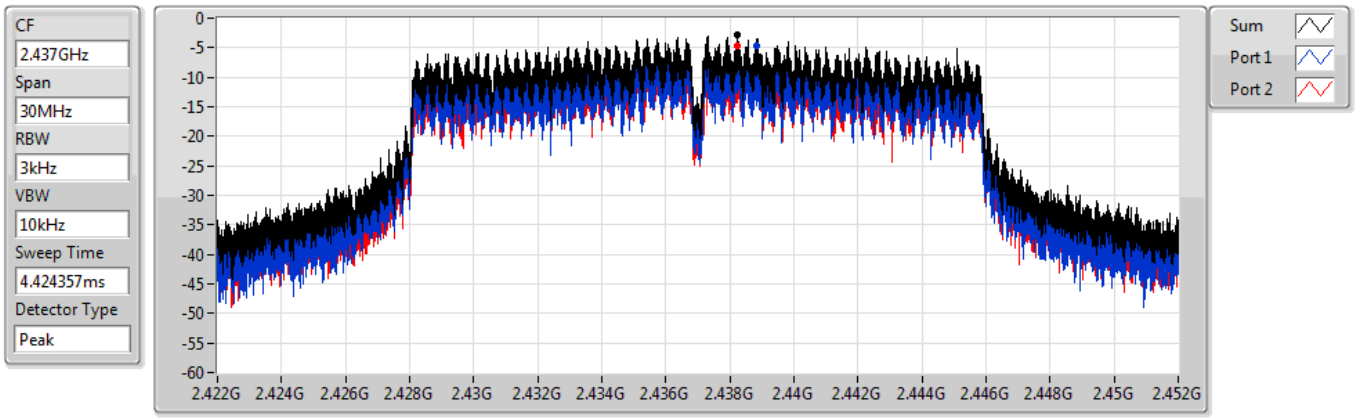
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.45	-8.45	-10.52	-9.59

802.11n HT20_Nss2,(MCS0)_2TX PSD

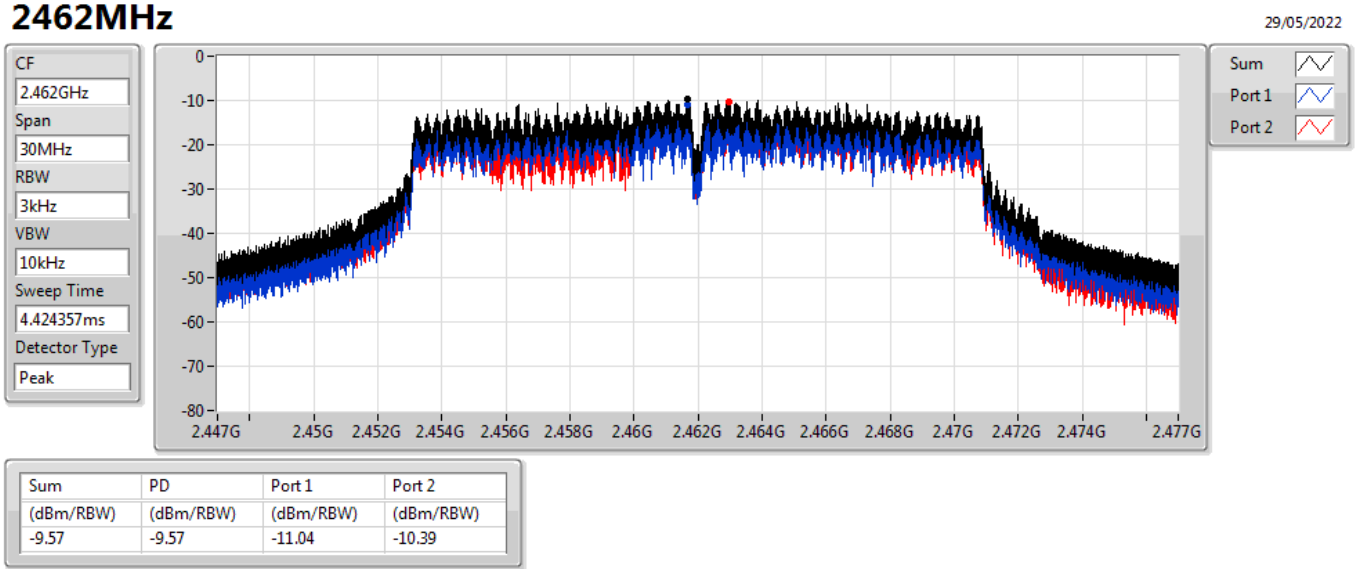
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.89	-2.89	-4.61	-4.70

802.11n HT20_Nss2,(MCS0)_2TX PSD

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.57	-9.57	-11.04	-10.39

Summary

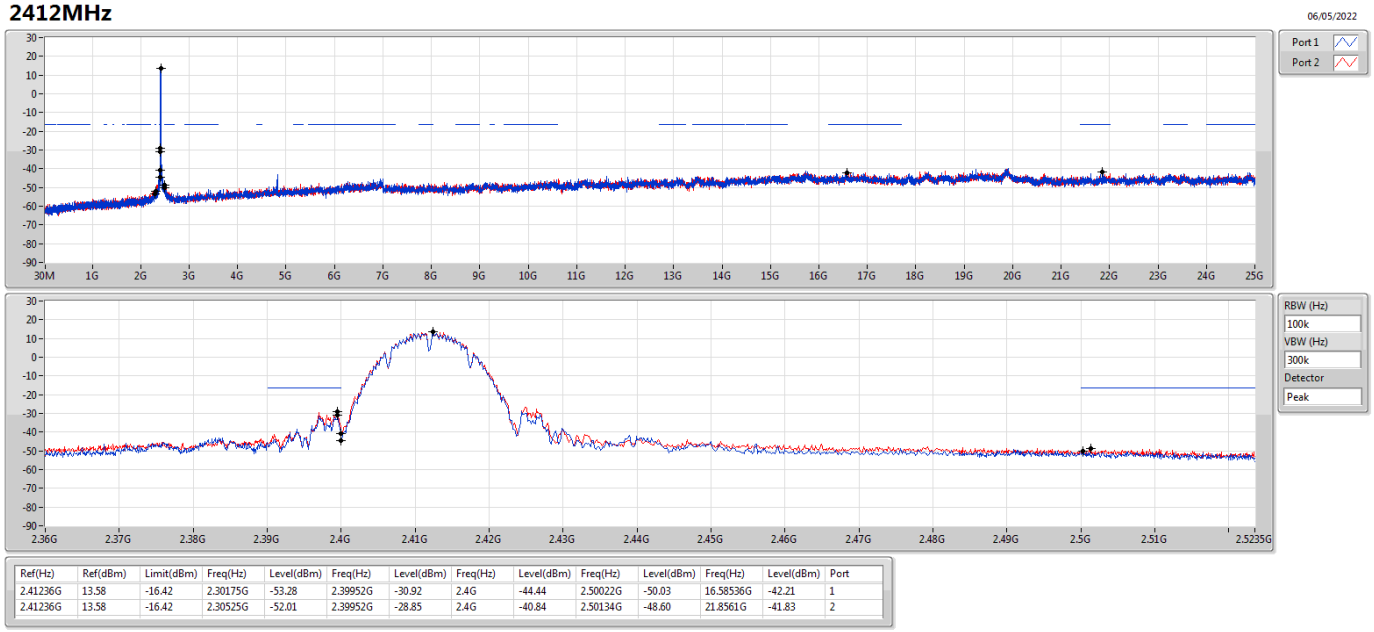
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41236G	13.58	-16.42	2.30525G	-52.01	2.39952G	-28.85	2.4G	-40.84	2.50134G	-48.60	21.8561G	-41.83	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	10.95	-19.05	2.30758G	-53.42	2.4G	-24.30	2.4G	-24.70	2.5027G	-48.94	16.54603G	-41.25	2
802.11n HT20_Nss2,(MCS0)_2TX	Pass	2.43574G	10.59	-19.41	2.30525G	-52.37	2.4G	-24.36	2.4G	-24.41	2.5023G	-50.50	24.86233G	-42.32	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41236G	13.58	-16.42	2.30175G	-53.28	2.39952G	-30.92	2.4G	-44.44	2.50022G	-50.03	16.58536G	-42.21	1
2412MHz	Pass	2.41236G	13.58	-16.42	2.30525G	-52.01	2.39952G	-28.85	2.4G	-40.84	2.50134G	-48.60	21.8561G	-41.83	2
2437MHz	Pass	2.41236G	13.58	-16.42	2.30874G	-51.62	2.39904G	-45.47	2.4G	-45.85	2.50038G	-49.44	23.21593G	-41.33	1
2437MHz	Pass	2.41236G	13.58	-16.42	2.12933G	-53.73	2.39944G	-45.90	2.4G	-46.14	2.50694G	-47.73	24.882G	-41.86	2
2462MHz	Pass	2.41236G	13.58	-16.42	2.30292G	-53.31	2.39896G	-49.38	2.4G	-51.96	2.5019G	-47.20	24.93819G	-42.05	1
2462MHz	Pass	2.41236G	13.58	-16.42	2.30059G	-53.85	2.39288G	-49.55	2.4G	-51.41	2.5019G	-47.57	24.85952G	-41.75	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.95	-19.05	2.30874G	-54.07	2.39976G	-24.53	2.4G	-25.10	2.50406G	-50.09	23.21312G	-41.95	1
2412MHz	Pass	2.43574G	10.95	-19.05	2.30758G	-53.42	2.4G	-24.30	2.4G	-24.70	2.5027G	-48.94	16.54603G	-41.25	2
2437MHz	Pass	2.43574G	10.95	-19.05	2.12001G	-54.11	2.39704G	-39.28	2.4G	-41.18	2.50654G	-47.16	17.5968G	-42.52	1
2437MHz	Pass	2.43574G	10.95	-19.05	2.30408G	-52.04	2.3976G	-37.72	2.4G	-42.07	2.50262G	-47.10	16.29878G	-41.80	2
2462MHz	Pass	2.43574G	10.95	-19.05	2.30874G	-53.46	2.39856G	-49.16	2.4G	-50.37	2.50086G	-47.56	16.54041G	-42.25	1
2462MHz	Pass	2.43574G	10.95	-19.05	2.12234G	-53.21	2.3924G	-48.24	2.4G	-48.48	2.5027G	-46.35	16.77079G	-41.94	2
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	10.59	-19.41	2.30525G	-52.37	2.4G	-24.36	2.4G	-24.41	2.5023G	-50.50	24.86233G	-42.32	1
2412MHz	Pass	2.43574G	10.59	-19.41	2.30758G	-52.57	2.39992G	-25.07	2.4G	-24.62	2.50318G	-49.07	14.55686G	-41.99	2
2437MHz	Pass	2.43574G	10.59	-19.41	2.30991G	-53.07	2.39952G	-39.00	2.4G	-40.95	2.50142G	-46.96	16.41117G	-41.29	1
2437MHz	Pass	2.43574G	10.59	-19.41	2.30292G	-52.51	2.39704G	-36.79	2.4G	-39.67	2.50014G	-47.04	23.30302G	-42.08	2
2462MHz	Pass	2.43574G	10.59	-19.41	2.01749G	-54.43	2.39416G	-48.68	2.4G	-50.82	2.50174G	-48.06	23.27774G	-41.50	1
2462MHz	Pass	2.43574G	10.59	-19.41	2.13399G	-53.41	2.39832G	-49.29	2.4G	-49.83	2.50238G	-47.60	16.28755G	-41.62	2

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

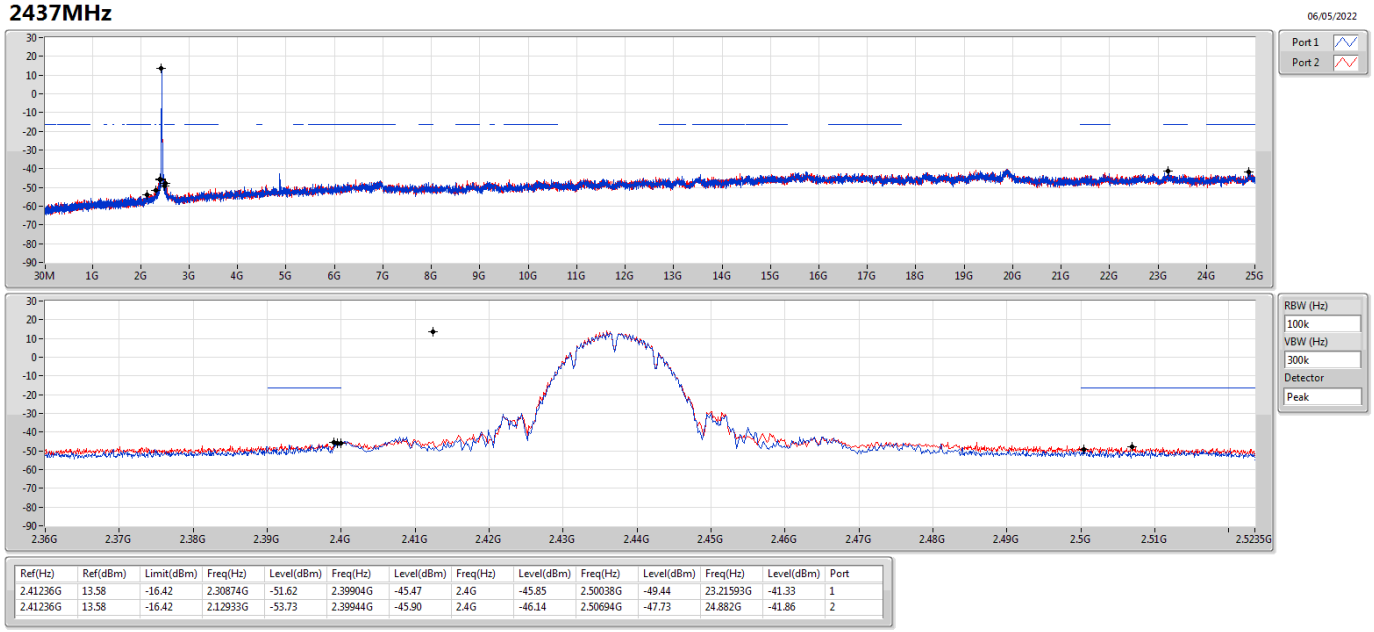
2412MHz



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
2.41236G	13.58	-16.42	2.30175G	-53.28	2.39952G	-30.92	2.4G	-44.44	2.50022G	-50.03	16.58536G	-42.21	1
2.41236G	13.58	-16.42	2.30525G	-52.01	2.39952G	-28.85	2.4G	-40.84	2.50134G	-48.60	21.8561G	-41.83	2

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

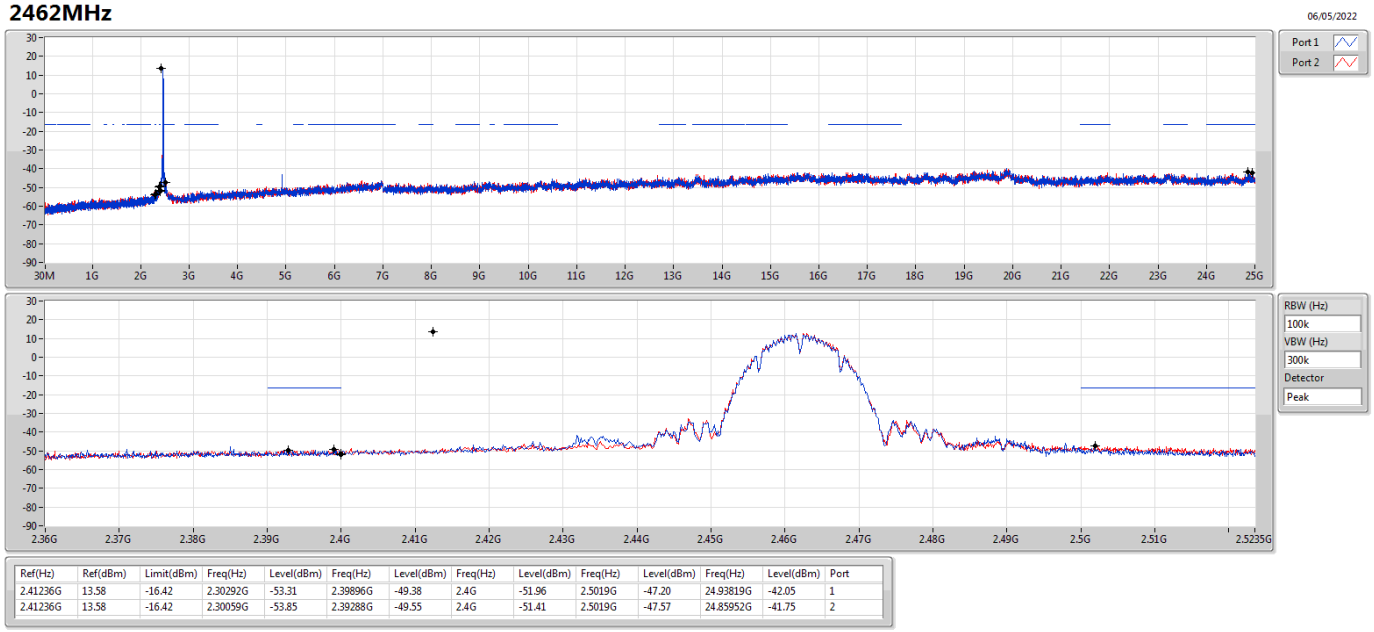
2437MHz



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
2.41236G	13.58	-16.42	2.30874G	-51.62	2.39904G	-45.47	2.4G	-45.85	2.50038G	-49.44	23.21593G	-41.33	1
2.41236G	13.58	-16.42	2.12933G	-53.73	2.39944G	-45.90	2.4G	-46.14	2.50694G	-47.73	24.882G	-41.86	2

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

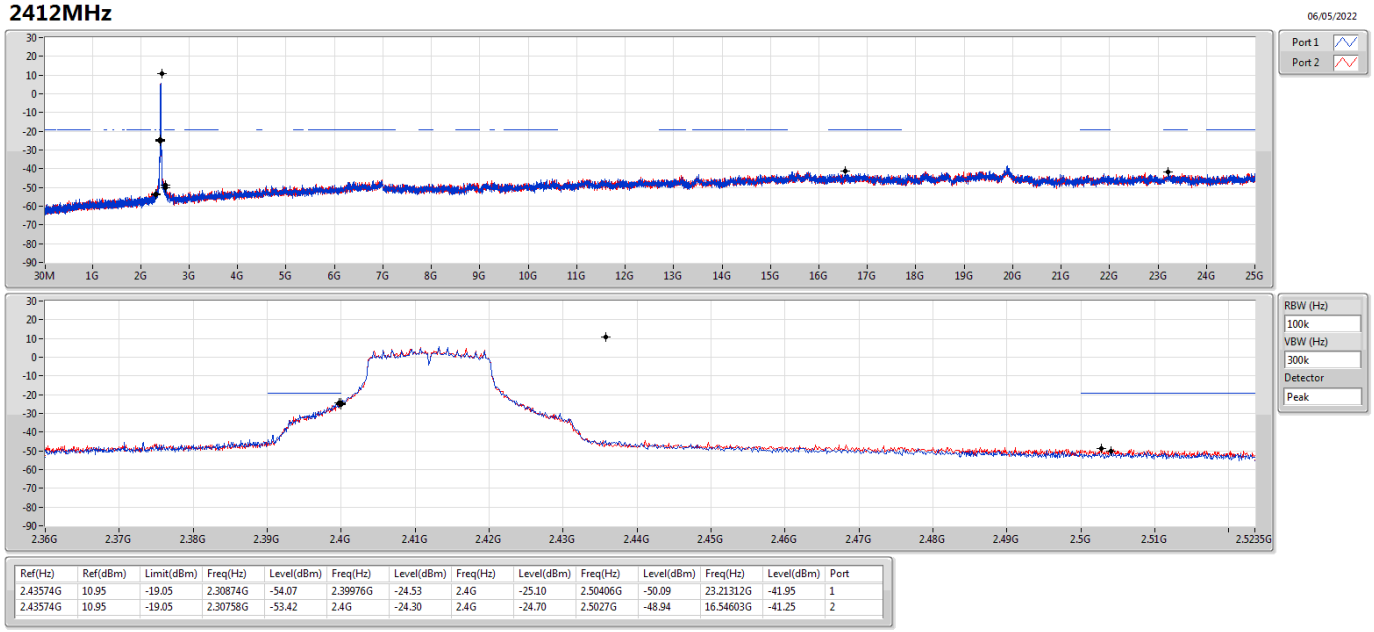
2462MHz



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
2.41236G	13.58	-16.42	2.30292G	-53.31	2.39896G	-49.38	2.4G	-51.96	2.5019G	-47.20	24.93819G	-42.05	1
2.41236G	13.58	-16.42	2.30059G	-53.85	2.39288G	-49.55	2.4G	-51.41	2.5019G	-47.57	24.85952G	-41.75	2

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

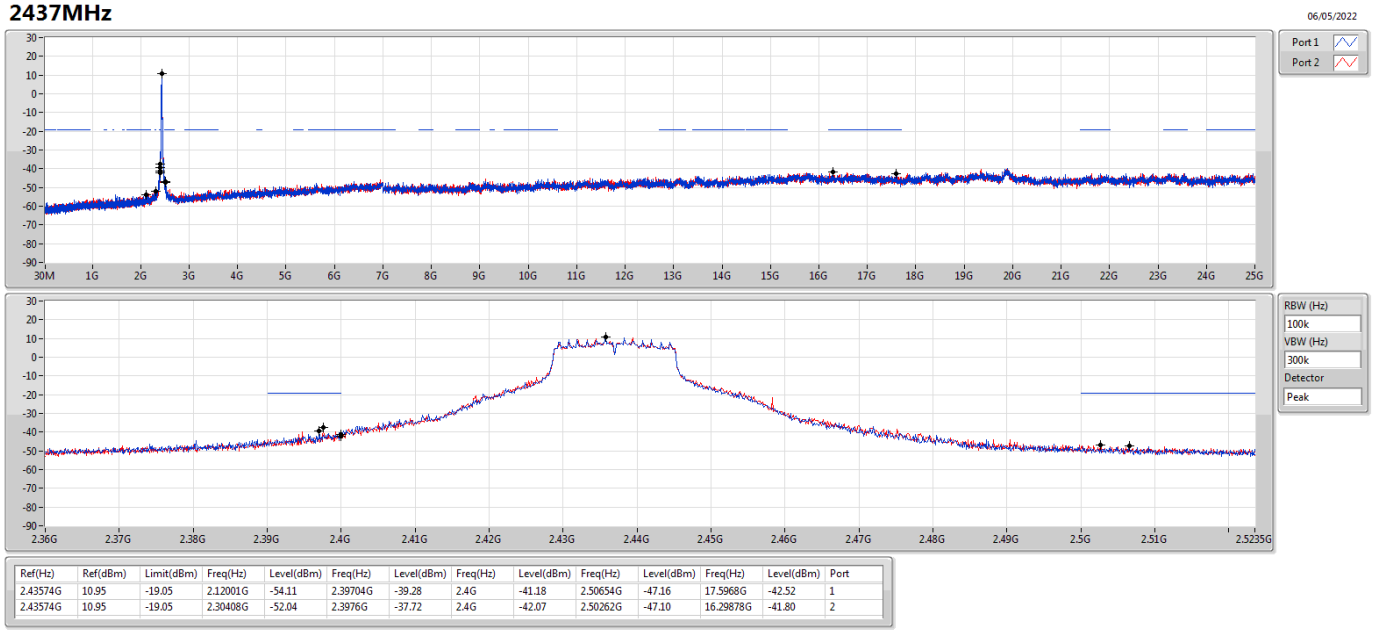
2412MHz



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
2.43574G	10.95	-19.05	2.30874G	-54.07	2.39976G	-24.53	2.4G	-25.10	2.50406G	-50.09	23.21312G	-41.95	1
2.43574G	10.95	-19.05	2.30758G	-53.42	2.4G	-24.30	2.4G	-24.70	2.5027G	-48.94	16.54603G	-41.25	2

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

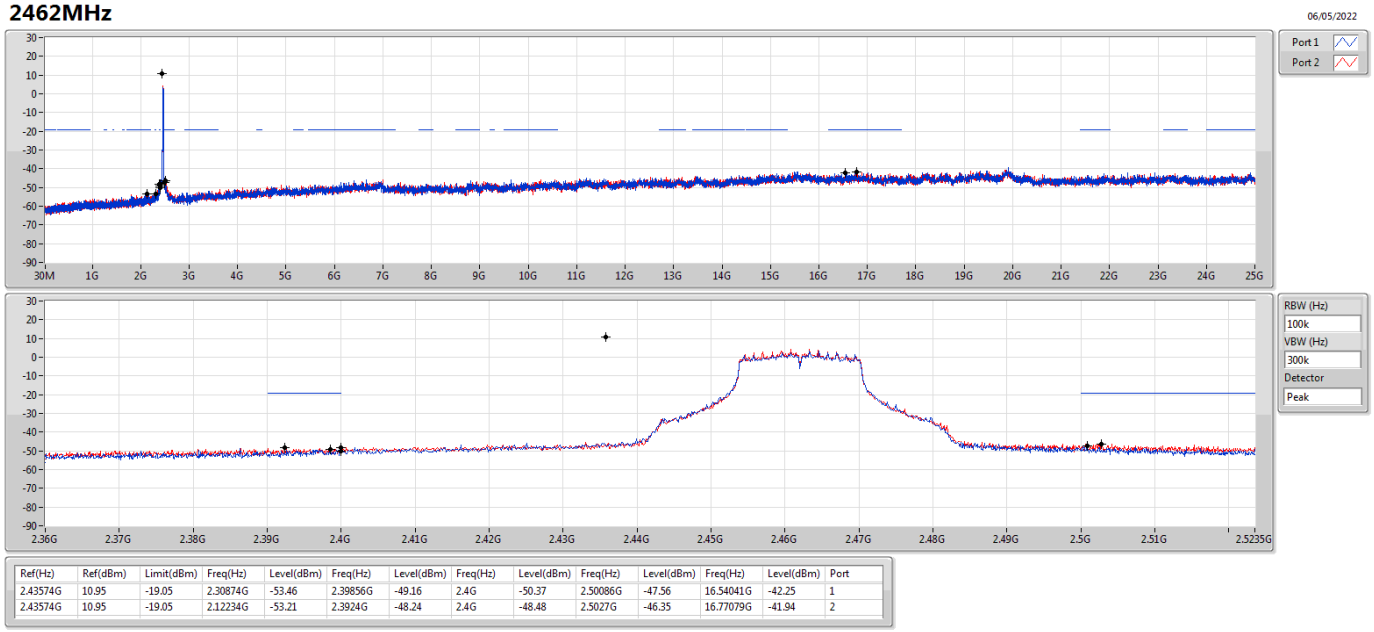
2437MHz



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
2.43574G	10.95	-19.05	2.12001G	-54.11	2.39704G	-39.28	2.4G	-41.18	2.50654G	-47.16	17.5968G	-42.52	1
2.43574G	10.95	-19.05	2.30408G	-52.04	2.3976G	-37.72	2.4G	-42.07	2.50262G	-47.10	16.29878G	-41.80	2

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

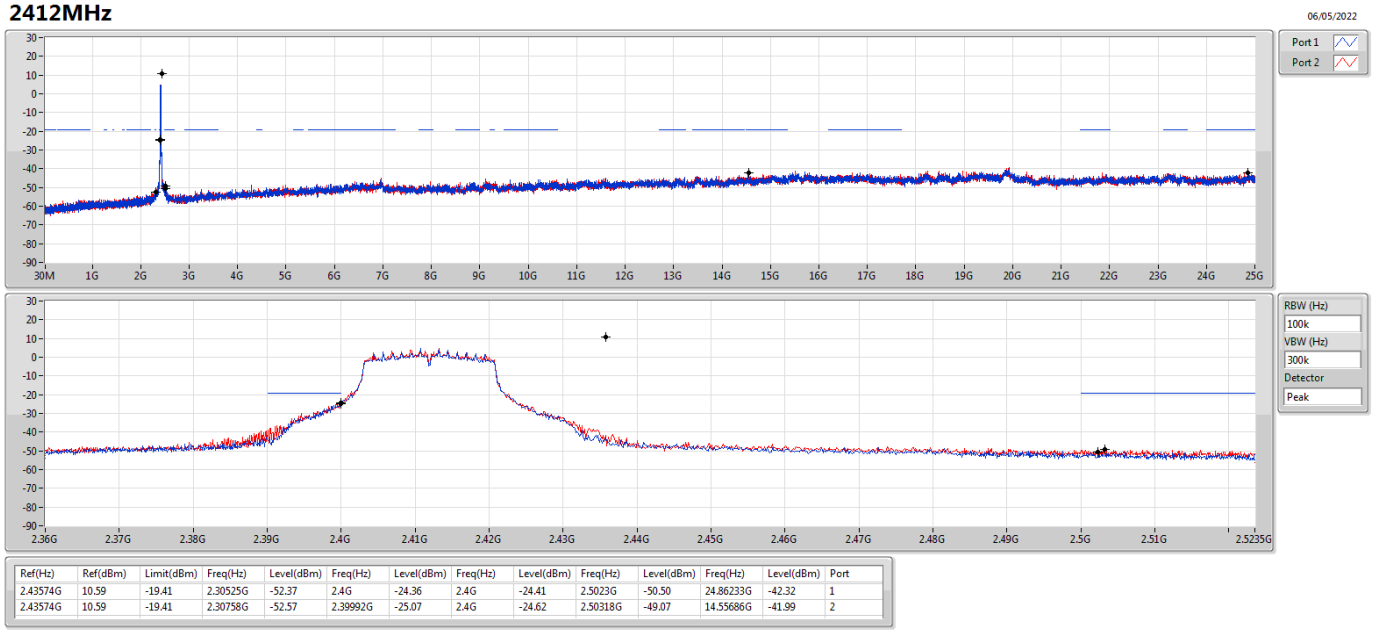
2462MHz



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
2.43574G	10.95	-19.05	2.30874G	-53.46	2.39856G	-49.16	2.4G	-50.37	2.50086G	-47.56	16.54041G	-42.25	1
2.43574G	10.95	-19.05	2.12234G	-53.21	2.3924G	-48.24	2.4G	-48.48	2.5027G	-46.35	16.77079G	-41.94	2

802.11n HT20_Nss2,(MCS0)_2TX **CSENdB**

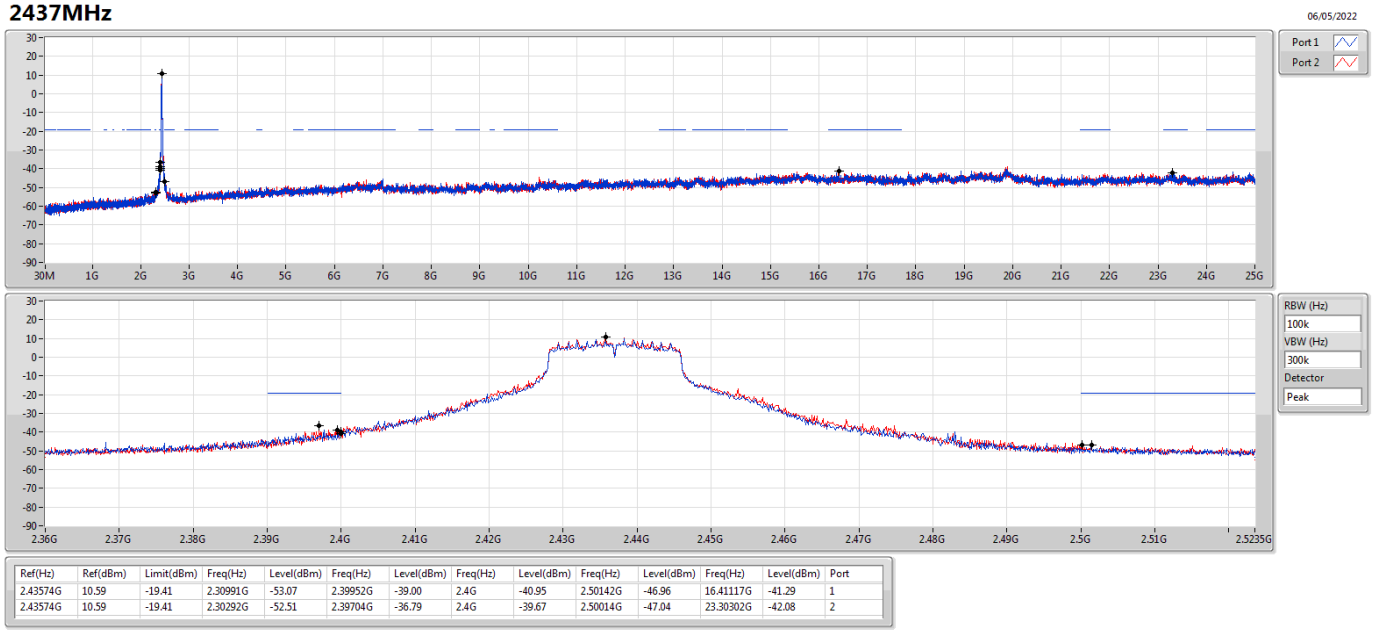
2412MHz



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
2.43574G	10.59	-19.41	2.30525G	-52.37	2.4G	-24.36	2.4G	-24.41	2.5023G	-50.50	24.86233G	-42.32	1
2.43574G	10.59	-19.41	2.30758G	-52.57	2.39992G	-25.07	2.4G	-24.62	2.50318G	-49.07	14.55686G	-41.99	2

802.11n HT20_Nss2,(MCS0)_2TX **CSENdB**

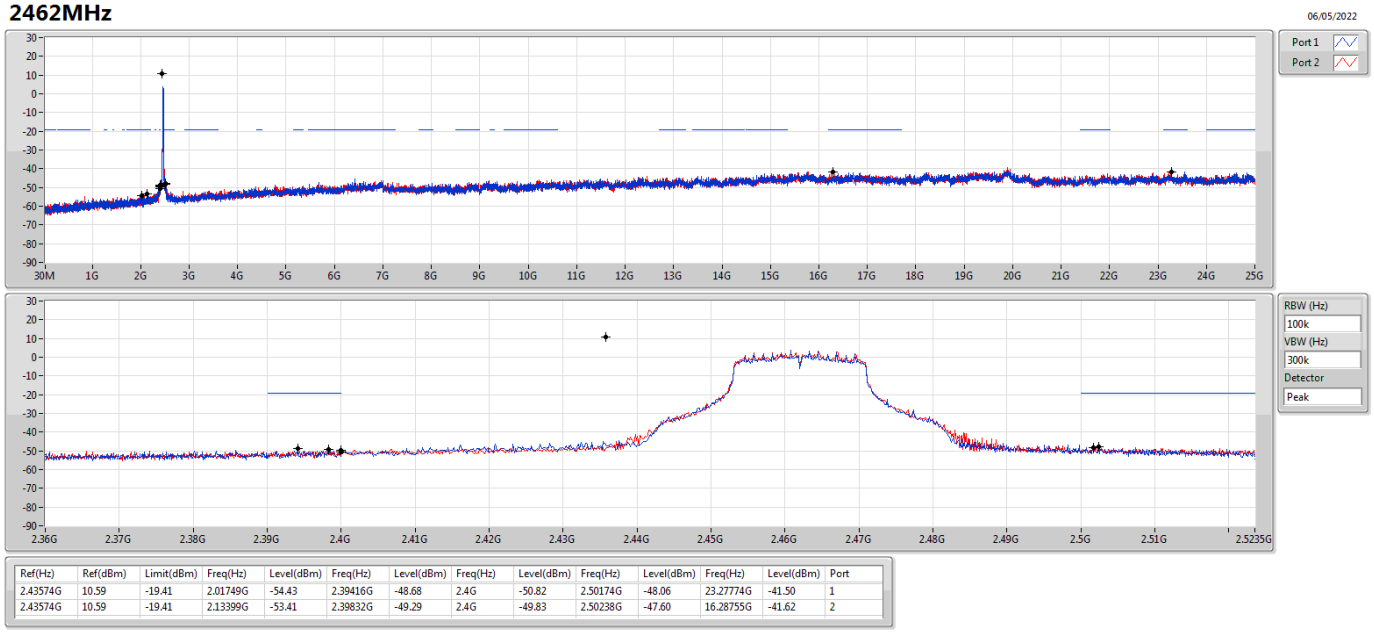
2437MHz



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
2.43574G	10.59	-19.41	2.30991G	-53.07	2.39952G	-39.00	2.4G	-40.95	2.50142G	-46.96	16.41117G	-41.29	1
2.43574G	10.59	-19.41	2.30292G	-52.51	2.39704G	-36.79	2.4G	-39.67	2.50014G	-47.04	23.30302G	-42.08	2

802.11n HT20_Nss2,(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
2.43574G	10.59	-19.41	2.01749G	-54.43	2.39416G	-48.68	2.4G	-50.82	2.50174G	-48.06	23.27774G	-41.50	1
2.43574G	10.59	-19.41	2.13399G	-53.41	2.39832G	-49.29	2.4G	-49.83	2.50238G	-47.60	16.28755G	-41.62	2

Summary

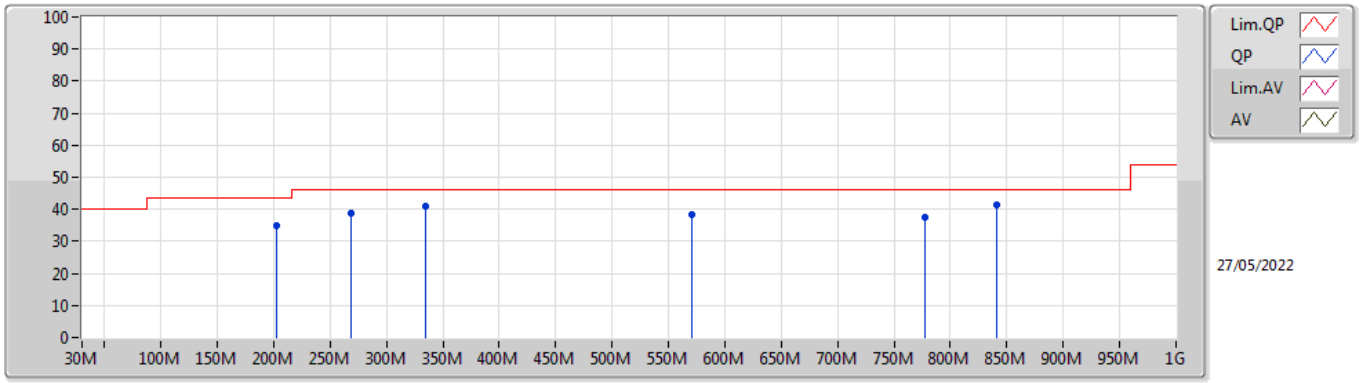
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT20_Nss2,(MCS0)_2TX	Pass	PK	827.34M	42.88	46.00	-3.12	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	202.66M	34.96	43.50	-8.54	3	Vertical	360	1.00	-
2437MHz	Pass	PK	268.62M	38.62	46.00	-7.38	3	Vertical	360	1.00	-
2437MHz	Pass	PK	334.58M	41.06	46.00	-4.94	3	Vertical	360	1.00	-
2437MHz	Pass	PK	571.26M	38.39	46.00	-7.61	3	Vertical	360	1.00	-
2437MHz	Pass	PK	840.92M	41.19	46.00	-4.81	3	Vertical	360	1.00	-
2437MHz	Pass	QP	776.9M	37.30	46.00	-8.70	3	Vertical	2	1.00	-
2437MHz	Pass	PK	128.94M	36.45	43.50	-7.05	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	336.52M	39.93	46.00	-6.07	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	369.5M	40.58	46.00	-5.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	827.34M	42.88	46.00	-3.12	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	724.52M	36.23	46.00	-9.77	3	Horizontal	262	1.02	-
2437MHz	Pass	QP	765.26M	37.00	46.00	-9.00	3	Horizontal	258	1.00	-

802.11n HT20_Nss2,(MCS0)_2TX

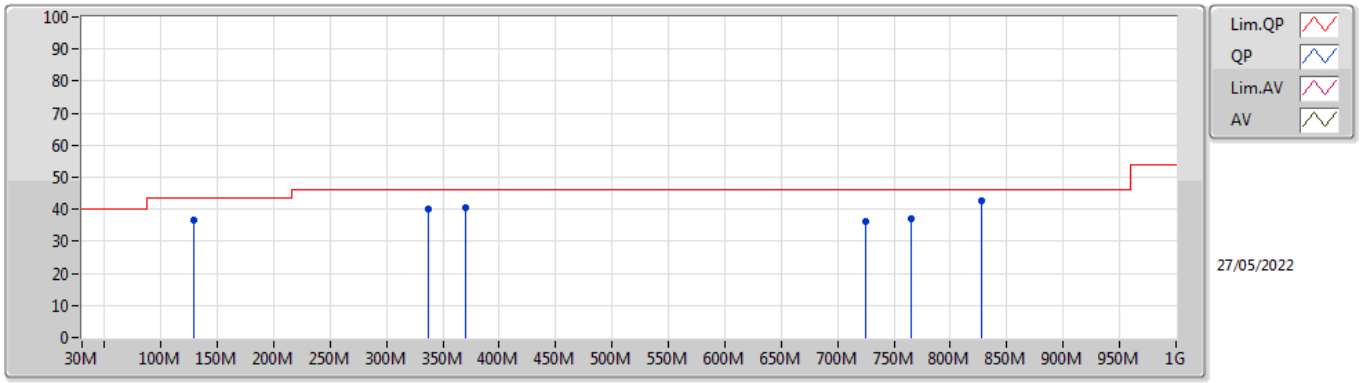
2437MHz_Test fixture



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	202.66M	34.96	43.50	-8.54	-20.61	3	Vertical	360	1.00	-	55.57	14.27	1.40	36.28
PK	268.62M	38.62	46.00	-7.38	-16.32	3	Vertical	360	1.00	-	54.94	18.53	1.60	36.45
PK	334.58M	41.06	46.00	-4.94	-15.61	3	Vertical	360	1.00	-	56.67	19.05	1.83	36.49
PK	571.26M	38.39	46.00	-7.61	-9.43	3	Vertical	360	1.00	-	47.82	25.09	2.59	37.11
PK	840.92M	41.19	46.00	-4.81	-6.02	3	Vertical	360	1.00	-	47.21	28.39	3.18	37.59
QP	776.9M	37.30	46.00	-8.70	-7.11	3	Vertical	2	1.00	-	44.41	27.25	3.10	37.46

802.11n HT20_Nss2,(MCS0)_2TX

2437MHz_Test fixture



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	128.94M	36.45	43.50	-7.05	-18.48	3	Horizontal	360	1.00	-	54.93	16.85	1.21	36.54
PK	336.52M	39.93	46.00	-6.07	-15.55	3	Horizontal	360	1.00	-	55.48	19.12	1.83	36.50
PK	369.5M	40.58	46.00	-5.42	-14.62	3	Horizontal	360	1.00	-	55.20	19.97	1.93	36.52
PK	827.34M	42.88	46.00	-3.12	-6.61	3	Horizontal	360	1.00	-	49.49	27.78	3.16	37.55
QP	724.52M	36.23	46.00	-9.77	-7.82	3	Horizontal	262	1.02	-	44.05	26.56	3.01	37.39
QP	765.26M	37.00	46.00	-9.00	-7.11	3	Horizontal	258	1.00	-	44.11	27.25	3.09	37.45

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	2.4835G	53.78	54.00	-0.22	3	Horizontal	287	1.35	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.388G	53.78	54.00	-0.22	3	Horizontal	338	1.03	-
802.11n HT20_Nss2,(MCS0)_2TX	Pass	AV	2.4848G	53.64	54.00	-0.36	3	Horizontal	282	1.34	-

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	2.3748G	51.56	54.00	-2.44	3	Vertical	336	2.80	-
2412MHz	Pass	AV	2.4112G	111.20	Inf	-Inf	3	Vertical	336	2.80	-
2412MHz	Pass	PK	2.3702G	61.72	74.00	-12.28	3	Vertical	336	2.80	-
2412MHz	Pass	PK	2.4112G	113.28	Inf	-Inf	3	Vertical	336	2.80	-
2412MHz	Pass	AV	2.3748G	53.32	54.00	-0.68	3	Horizontal	289	1.20	-
2412MHz	Pass	AV	2.4128G	112.62	Inf	-Inf	3	Horizontal	289	1.20	-
2412MHz	Pass	PK	2.3872G	62.62	74.00	-11.38	3	Horizontal	289	1.20	-
2412MHz	Pass	PK	2.4128G	114.88	Inf	-Inf	3	Horizontal	289	1.20	-
2412MHz	Pass	AV	4.82396G	44.52	54.00	-9.48	3	Vertical	326	2.10	-
2412MHz	Pass	AV	12.05846G	44.58	54.00	-9.42	3	Vertical	327	1.58	-
2412MHz	Pass	PK	4.824G	50.07	74.00	-23.93	3	Vertical	326	2.10	-
2412MHz	Pass	PK	12.06028G	55.47	74.00	-18.53	3	Vertical	327	1.58	-
2412MHz	Pass	AV	4.82396G	47.06	54.00	-6.94	3	Horizontal	331	1.06	-
2412MHz	Pass	AV	12.0607G	47.30	54.00	-6.70	3	Horizontal	118	1.08	-
2412MHz	Pass	PK	4.8239G	51.89	74.00	-22.11	3	Horizontal	331	1.06	-
2412MHz	Pass	PK	12.06072G	56.98	74.00	-17.02	3	Horizontal	118	1.08	-
2437MHz	Pass	AV	2.3766G	47.82	54.00	-6.18	3	Vertical	360	2.70	-
2437MHz	Pass	AV	2.4362G	109.09	Inf	-Inf	3	Vertical	360	2.70	-
2437MHz	Pass	AV	2.4842G	48.34	54.00	-5.66	3	Vertical	360	2.70	-
2437MHz	Pass	PK	2.3898G	58.70	74.00	-15.30	3	Vertical	360	2.70	-
2437MHz	Pass	PK	2.4362G	111.02	Inf	-Inf	3	Vertical	360	2.70	-
2437MHz	Pass	PK	2.4838G	59.34	74.00	-14.66	3	Vertical	360	2.70	-
2437MHz	Pass	AV	2.3766G	50.04	54.00	-3.96	3	Horizontal	288	1.07	-
2437MHz	Pass	AV	2.4362G	112.86	Inf	-Inf	3	Horizontal	288	1.07	-
2437MHz	Pass	AV	2.4835G	52.02	54.00	-1.98	3	Horizontal	288	1.07	-
2437MHz	Pass	PK	2.3754G	61.03	74.00	-12.97	3	Horizontal	288	1.07	-
2437MHz	Pass	PK	2.4362G	114.96	Inf	-Inf	3	Horizontal	288	1.07	-
2437MHz	Pass	PK	2.4854G	62.76	74.00	-11.24	3	Horizontal	288	1.07	-
2437MHz	Pass	AV	4.87397G	46.18	54.00	-7.82	3	Vertical	305	1.51	-
2437MHz	Pass	AV	7.31262G	50.60	54.00	-3.40	3	Vertical	341	2.15	-
2437MHz	Pass	AV	12.18592G	47.51	54.00	-6.49	3	Vertical	319	2.20	-
2437MHz	Pass	PK	4.87396G	51.33	74.00	-22.67	3	Vertical	305	1.51	-
2437MHz	Pass	PK	7.31354G	56.20	74.00	-17.80	3	Vertical	341	2.15	-
2437MHz	Pass	PK	12.18296G	58.34	74.00	-15.66	3	Vertical	319	2.20	-
2437MHz	Pass	AV	4.87396G	51.53	54.00	-2.47	3	Horizontal	330	1.01	-
2437MHz	Pass	AV	7.31274G	53.24	54.00	-0.76	3	Horizontal	3	1.00	-
2437MHz	Pass	AV	12.18408G	48.79	54.00	-5.21	3	Horizontal	16	1.00	-
2437MHz	Pass	PK	4.87401G	54.63	74.00	-19.37	3	Horizontal	330	1.01	-
2437MHz	Pass	PK	7.31296G	57.95	74.00	-16.05	3	Horizontal	3	1.00	-
2437MHz	Pass	PK	12.18336G	58.56	74.00	-15.44	3	Horizontal	16	1.00	-
2457MHz	Pass	AV	2.4562G	109.54	Inf	-Inf	3	Vertical	238	2.93	-
2457MHz	Pass	AV	2.4874G	50.54	54.00	-3.46	3	Vertical	238	2.93	-
2457MHz	Pass	PK	2.4562G	111.53	Inf	-Inf	3	Vertical	238	2.93	-
2457MHz	Pass	PK	2.4876G	60.59	74.00	-13.41	3	Vertical	238	2.93	-
2457MHz	Pass	AV	2.4562G	113.46	Inf	-Inf	3	Horizontal	182	1.02	-
2457MHz	Pass	AV	2.4838G	52.99	54.00	-1.01	3	Horizontal	182	1.02	-
2457MHz	Pass	PK	2.4562G	115.62	Inf	-Inf	3	Horizontal	182	1.02	-
2457MHz	Pass	PK	2.4835G	62.06	74.00	-11.94	3	Horizontal	182	1.02	-
2457MHz	Pass	AV	4.91394G	46.01	54.00	-7.99	3	Vertical	318	2.20	-
2457MHz	Pass	AV	7.37256G	46.60	54.00	-7.40	3	Vertical	343	2.20	-
2457MHz	Pass	AV	12.28552G	45.83	54.00	-8.17	3	Vertical	194	2.82	-
2457MHz	Pass	PK	4.91398G	51.43	74.00	-22.57	3	Vertical	318	2.20	-
2457MHz	Pass	PK	7.37352G	53.84	74.00	-20.16	3	Vertical	343	2.20	-
2457MHz	Pass	PK	12.28556G	57.10	74.00	-16.90	3	Vertical	194	2.82	-
2457MHz	Pass	AV	4.91396G	49.04	54.00	-4.96	3	Horizontal	339	2.17	-
2457MHz	Pass	AV	7.37272G	48.83	54.00	-5.17	3	Horizontal	13	1.04	-
2457MHz	Pass	AV	12.28408G	45.91	54.00	-8.09	3	Horizontal	112	1.12	-
2457MHz	Pass	PK	4.914G	53.68	74.00	-20.32	3	Horizontal	339	2.17	-
2457MHz	Pass	PK	7.37178G	55.37	74.00	-18.63	3	Horizontal	13	1.04	-
2457MHz	Pass	PK	12.28548G	56.22	74.00	-17.78	3	Horizontal	112	1.12	-

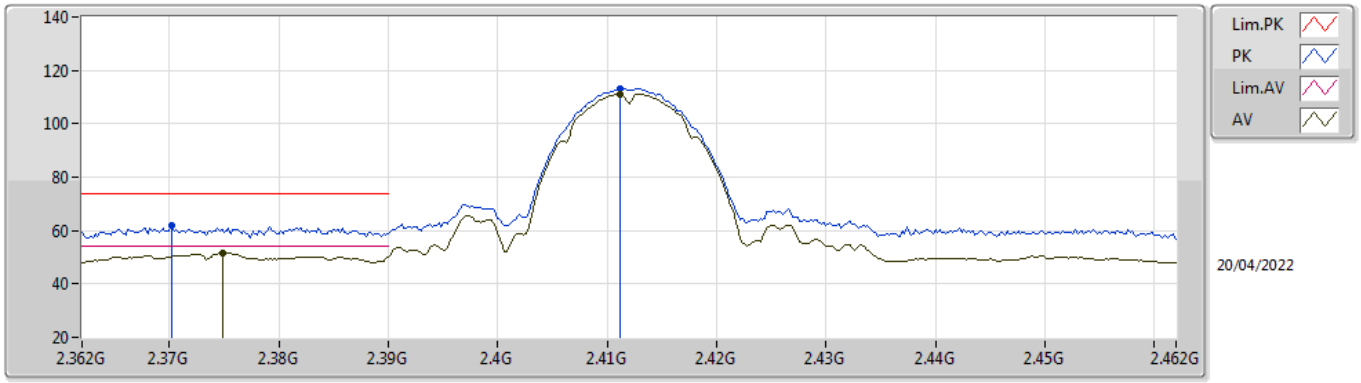
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4612G	105.34	Inf	-Inf	3	Vertical	302	1.50	-
2462MHz	Pass	AV	2.4886G	48.84	54.00	-5.16	3	Vertical	302	1.50	-
2462MHz	Pass	PK	2.461G	107.35	Inf	-Inf	3	Vertical	302	1.50	-
2462MHz	Pass	PK	2.4842G	59.53	74.00	-14.47	3	Vertical	302	1.50	-
2462MHz	Pass	AV	2.4835G	53.78	54.00	-0.22	3	Horizontal	287	1.35	-
2462MHz	Pass	AV	2.4612G	112.94	Inf	-Inf	3	Horizontal	287	1.35	-
2462MHz	Pass	PK	2.461G	115.05	Inf	-Inf	3	Horizontal	287	1.35	-
2462MHz	Pass	PK	2.484G	64.14	74.00	-9.86	3	Horizontal	287	1.35	-
2462MHz	Pass	AV	4.92392G	45.39	54.00	-8.61	3	Vertical	315	2.00	-
2462MHz	Pass	AV	7.38772G	44.04	54.00	-9.96	3	Vertical	360	1.95	-
2462MHz	Pass	AV	12.304G	44.32	54.00	-9.68	3	Vertical	234	1.50	-
2462MHz	Pass	PK	4.924G	50.52	74.00	-23.48	3	Vertical	315	2.00	-
2462MHz	Pass	PK	7.38676G	52.52	74.00	-21.48	3	Vertical	360	1.95	-
2462MHz	Pass	PK	12.30212G	56.97	74.00	-17.03	3	Vertical	234	1.50	-
2462MHz	Pass	AV	4.92396G	48.34	54.00	-5.66	3	Horizontal	331	1.00	-
2462MHz	Pass	AV	7.38768G	46.80	54.00	-7.20	3	Horizontal	12	1.50	-
2462MHz	Pass	AV	12.31116G	45.83	54.00	-8.17	3	Horizontal	150	2.11	-
2462MHz	Pass	PK	4.92384G	52.45	74.00	-21.55	3	Horizontal	331	1.00	-
2462MHz	Pass	PK	7.38728G	53.80	74.00	-20.20	3	Horizontal	12	1.50	-
2462MHz	Pass	PK	12.30892G	56.17	74.00	-17.83	3	Horizontal	150	2.11	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.44	54.00	-3.56	3	Vertical	322	2.96	-
2412MHz	Pass	AV	2.4112G	101.19	Inf	-Inf	3	Vertical	322	2.96	-
2412MHz	Pass	PK	2.39G	62.62	74.00	-11.38	3	Vertical	322	2.96	-
2412MHz	Pass	PK	2.4104G	109.23	Inf	-Inf	3	Vertical	322	2.96	-
2412MHz	Pass	AV	2.388G	53.78	54.00	-0.22	3	Horizontal	338	1.03	-
2412MHz	Pass	AV	2.413G	105.05	Inf	-Inf	3	Horizontal	338	1.03	-
2412MHz	Pass	PK	2.3878G	66.61	74.00	-7.39	3	Horizontal	338	1.03	-
2412MHz	Pass	PK	2.4138G	113.10	Inf	-Inf	3	Horizontal	338	1.03	-
2412MHz	Pass	AV	4.82656G	35.56	54.00	-18.44	3	Vertical	267	2.10	-
2412MHz	Pass	AV	12.05941G	44.10	54.00	-9.90	3	Vertical	184	1.44	-
2412MHz	Pass	PK	4.80528G	46.72	74.00	-27.28	3	Vertical	267	2.10	-
2412MHz	Pass	PK	12.06039G	55.38	74.00	-18.62	3	Vertical	184	1.44	-
2412MHz	Pass	AV	4.82536G	36.88	54.00	-17.12	3	Horizontal	335	2.66	-
2412MHz	Pass	AV	12.04752G	43.89	54.00	-10.11	3	Horizontal	217	1.50	-
2412MHz	Pass	PK	4.82632G	47.46	74.00	-26.54	3	Horizontal	335	2.66	-
2412MHz	Pass	PK	12.04608G	55.23	74.00	-18.77	3	Horizontal	217	1.50	-
2417MHz	Pass	AV	2.389G	49.25	54.00	-4.75	3	Vertical	315	3.00	-
2417MHz	Pass	AV	2.4188G	101.95	Inf	-Inf	3	Vertical	315	3.00	-
2417MHz	Pass	PK	2.3886G	63.71	74.00	-10.29	3	Vertical	315	3.00	-
2417MHz	Pass	PK	2.4186G	110.05	Inf	-Inf	3	Vertical	315	3.00	-
2417MHz	Pass	AV	2.3898G	53.77	54.00	-0.23	3	Horizontal	336	1.01	-
2417MHz	Pass	AV	2.4158G	106.52	Inf	-Inf	3	Horizontal	336	1.01	-
2417MHz	Pass	PK	2.3862G	68.03	74.00	-5.97	3	Horizontal	336	1.01	-
2417MHz	Pass	PK	2.416G	115.46	Inf	-Inf	3	Horizontal	336	1.01	-
2437MHz	Pass	AV	2.389G	48.90	54.00	-5.10	3	Vertical	318	2.29	-
2437MHz	Pass	AV	2.439G	104.79	Inf	-Inf	3	Vertical	318	2.29	-
2437MHz	Pass	AV	2.4838G	51.09	54.00	-2.91	3	Vertical	318	2.29	-
2437MHz	Pass	PK	2.383G	60.39	74.00	-13.61	3	Vertical	318	2.29	-
2437MHz	Pass	PK	2.439G	113.48	Inf	-Inf	3	Vertical	318	2.29	-
2437MHz	Pass	PK	2.4838G	65.51	74.00	-8.49	3	Vertical	318	2.29	-
2437MHz	Pass	AV	2.3878G	50.93	54.00	-3.07	3	Horizontal	286	1.03	-
2437MHz	Pass	AV	2.4378G	109.22	Inf	-Inf	3	Horizontal	286	1.03	-
2437MHz	Pass	AV	2.4835G	53.20	54.00	-0.80	3	Horizontal	286	1.03	-
2437MHz	Pass	PK	2.3874G	63.75	74.00	-10.25	3	Horizontal	286	1.03	-
2437MHz	Pass	PK	2.4374G	117.35	Inf	-Inf	3	Horizontal	286	1.03	-
2437MHz	Pass	PK	2.4854G	68.30	74.00	-5.70	3	Horizontal	286	1.03	-
2437MHz	Pass	AV	4.87256G	37.78	54.00	-16.22	3	Vertical	329	2.00	-
2437MHz	Pass	AV	7.31484G	45.55	54.00	-8.45	3	Vertical	336	2.50	-
2437MHz	Pass	AV	12.1758G	44.75	54.00	-9.25	3	Vertical	185	2.89	-
2437MHz	Pass	PK	4.87176G	48.86	74.00	-25.14	3	Vertical	329	2.00	-
2437MHz	Pass	PK	7.31436G	56.70	74.00	-17.30	3	Vertical	336	2.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	12.18116G	55.58	74.00	-18.42	3	Vertical	185	2.89	-
2437MHz	Pass	AV	4.87136G	41.57	54.00	-12.43	3	Horizontal	339	1.01	-
2437MHz	Pass	AV	7.30932G	48.20	54.00	-5.80	3	Horizontal	39	1.00	-
2437MHz	Pass	AV	12.17916G	46.28	54.00	-7.72	3	Horizontal	6	1.01	-
2437MHz	Pass	PK	4.87736G	53.36	74.00	-20.64	3	Horizontal	339	1.01	-
2437MHz	Pass	PK	7.31004G	59.49	74.00	-14.51	3	Horizontal	39	1.00	-
2437MHz	Pass	PK	12.1746G	57.60	74.00	-16.40	3	Horizontal	6	1.01	-
2457MHz	Pass	AV	2.4586G	98.76	Inf	-Inf	3	Vertical	295	2.06	-
2457MHz	Pass	AV	2.4836G	47.87	54.00	-6.13	3	Vertical	295	2.06	-
2457MHz	Pass	PK	2.459G	107.29	Inf	-Inf	3	Vertical	295	2.06	-
2457MHz	Pass	PK	2.485G	62.90	74.00	-11.10	3	Vertical	295	2.06	-
2457MHz	Pass	AV	2.458G	106.80	Inf	-Inf	3	Horizontal	280	1.35	-
2457MHz	Pass	AV	2.4836G	53.66	54.00	-0.34	3	Horizontal	280	1.35	-
2457MHz	Pass	PK	2.4576G	114.78	Inf	-Inf	3	Horizontal	280	1.35	-
2457MHz	Pass	PK	2.484G	70.79	74.00	-3.21	3	Horizontal	280	1.35	-
2462MHz	Pass	AV	2.4626G	97.40	Inf	-Inf	3	Vertical	316.1	1.95	-
2462MHz	Pass	AV	2.4835G	50.03	54.00	-3.97	3	Vertical	316.1	1.95	-
2462MHz	Pass	PK	2.4574G	105.10	Inf	-Inf	3	Vertical	316.1	1.95	-
2462MHz	Pass	PK	2.4836G	61.33	74.00	-12.67	3	Vertical	316.1	1.95	-
2462MHz	Pass	AV	2.4606G	104.42	Inf	-Inf	3	Horizontal	284	1.36	-
2462MHz	Pass	AV	2.484G	53.68	54.00	-0.32	3	Horizontal	284	1.36	-
2462MHz	Pass	PK	2.4602G	112.71	Inf	-Inf	3	Horizontal	284	1.36	-
2462MHz	Pass	PK	2.4858G	68.40	74.00	-5.60	3	Horizontal	284	1.36	-
2462MHz	Pass	AV	4.92112G	35.38	54.00	-18.62	3	Vertical	269	2.46	-
2462MHz	Pass	AV	7.38656G	40.06	54.00	-13.94	3	Vertical	346	1.66	-
2462MHz	Pass	AV	12.30768G	44.37	54.00	-9.63	3	Vertical	231	1.70	-
2462MHz	Pass	PK	4.91368G	46.44	74.00	-27.56	3	Vertical	269	2.46	-
2462MHz	Pass	PK	7.38632G	51.19	74.00	-22.81	3	Vertical	346	1.66	-
2462MHz	Pass	PK	12.31105G	56.22	74.00	-17.78	3	Vertical	231	1.70	-
2462MHz	Pass	AV	4.92616G	37.78	54.00	-16.22	3	Horizontal	333	2.93	-
2462MHz	Pass	AV	7.38696G	42.24	54.00	-11.76	3	Horizontal	14	1.08	-
2462MHz	Pass	AV	12.32144G	44.45	54.00	-9.55	3	Horizontal	0	2.40	-
2462MHz	Pass	PK	4.92144G	48.73	74.00	-25.27	3	Horizontal	333	2.93	-
2462MHz	Pass	PK	7.382G	53.80	74.00	-20.20	3	Horizontal	14	1.08	-
2462MHz	Pass	PK	12.30672G	55.90	74.00	-18.10	3	Horizontal	0	2.40	-
802.11n HT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.85	54.00	-4.15	3	Vertical	324	2.95	-
2412MHz	Pass	AV	2.4128G	99.40	Inf	-Inf	3	Vertical	324	2.95	-
2412MHz	Pass	PK	2.39G	65.33	74.00	-8.67	3	Vertical	324	2.95	-
2412MHz	Pass	PK	2.4132G	107.75	Inf	-Inf	3	Vertical	324	2.95	-
2412MHz	Pass	AV	2.3886G	53.55	54.00	-0.45	3	Horizontal	338	1.04	-
2412MHz	Pass	AV	2.4114G	103.79	Inf	-Inf	3	Horizontal	338	1.04	-
2412MHz	Pass	PK	2.39G	71.38	74.00	-2.62	3	Horizontal	338	1.04	-
2412MHz	Pass	PK	2.4112G	111.38	Inf	-Inf	3	Horizontal	338	1.04	-
2412MHz	Pass	AV	4.82698G	35.45	54.00	-18.55	3	Vertical	340	1.50	-
2412MHz	Pass	AV	12.06336G	43.92	54.00	-10.08	3	Vertical	48	1.93	-
2412MHz	Pass	PK	4.82018G	47.43	74.00	-26.57	3	Vertical	340	1.50	-
2412MHz	Pass	PK	12.05676G	55.58	74.00	-18.42	3	Vertical	48	1.93	-
2412MHz	Pass	AV	4.82476G	36.01	54.00	-17.99	3	Horizontal	340	1.50	-
2412MHz	Pass	AV	12.05056G	43.89	54.00	-10.11	3	Horizontal	51	1.60	-
2412MHz	Pass	PK	4.82592G	46.71	74.00	-27.29	3	Horizontal	340	1.50	-
2412MHz	Pass	PK	12.06816G	55.72	74.00	-18.28	3	Horizontal	51	1.60	-
2417MHz	Pass	AV	2.39G	48.86	54.00	-5.14	3	Vertical	315	3.00	-
2417MHz	Pass	AV	2.418G	100.50	Inf	-Inf	3	Vertical	315	3.00	-
2417MHz	Pass	PK	2.3886G	62.98	74.00	-11.02	3	Vertical	315	3.00	-
2417MHz	Pass	PK	2.4152G	108.56	Inf	-Inf	3	Vertical	315	3.00	-
2417MHz	Pass	AV	2.3888G	53.11	54.00	-0.89	3	Horizontal	336	1.01	-
2417MHz	Pass	AV	2.4164G	105.39	Inf	-Inf	3	Horizontal	336	1.01	-
2417MHz	Pass	PK	2.3854G	70.00	74.00	-4.00	3	Horizontal	336	1.01	-
2417MHz	Pass	PK	2.4164G	113.70	Inf	-Inf	3	Horizontal	336	1.01	-
2437MHz	Pass	AV	2.389G	49.34	54.00	-4.66	3	Vertical	322	2.95	-
2437MHz	Pass	AV	2.439G	105.21	Inf	-Inf	3	Vertical	322	2.95	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4842G	50.67	54.00	-3.33	3	Vertical	322	2.95	-
2437MHz	Pass	PK	2.3862G	63.54	74.00	-10.46	3	Vertical	322	2.95	-
2437MHz	Pass	PK	2.439G	113.85	Inf	-Inf	3	Vertical	322	2.95	-
2437MHz	Pass	PK	2.4842G	65.21	74.00	-8.79	3	Vertical	322	2.95	-
2437MHz	Pass	AV	2.3886G	49.43	54.00	-4.57	3	Horizontal	288	1.48	-
2437MHz	Pass	AV	2.4362G	108.06	Inf	-Inf	3	Horizontal	288	1.48	-
2437MHz	Pass	AV	2.4835G	53.35	54.00	-0.65	3	Horizontal	288	1.48	-
2437MHz	Pass	PK	2.3842G	64.53	74.00	-9.47	3	Horizontal	288	1.48	-
2437MHz	Pass	PK	2.4362G	116.48	Inf	-Inf	3	Horizontal	288	1.48	-
2437MHz	Pass	PK	2.4838G	70.07	74.00	-3.93	3	Horizontal	288	1.48	-
2437MHz	Pass	AV	4.8728G	37.08	54.00	-16.92	3	Vertical	334	1.62	-
2437MHz	Pass	AV	7.31404G	43.91	54.00	-10.09	3	Vertical	340	2.50	-
2437MHz	Pass	AV	12.18176G	44.34	54.00	-9.66	3	Vertical	360	1.94	-
2437MHz	Pass	PK	4.87632G	48.01	74.00	-25.99	3	Vertical	334	1.62	-
2437MHz	Pass	PK	7.30924G	56.05	74.00	-17.95	3	Vertical	340	2.50	-
2437MHz	Pass	PK	12.17948G	55.36	74.00	-18.64	3	Vertical	360	1.94	-
2437MHz	Pass	AV	4.87048G	41.86	54.00	-12.14	3	Horizontal	330	2.83	-
2437MHz	Pass	AV	7.31388G	46.52	54.00	-7.48	3	Horizontal	12	1.22	-
2437MHz	Pass	AV	12.185G	45.56	54.00	-8.44	3	Horizontal	2	1.01	-
2437MHz	Pass	PK	4.87272G	53.65	74.00	-20.35	3	Horizontal	330	2.83	-
2437MHz	Pass	PK	7.31628G	57.82	74.00	-16.18	3	Horizontal	12	1.22	-
2437MHz	Pass	PK	12.18292G	57.44	74.00	-16.56	3	Horizontal	2	1.01	-
2457MHz	Pass	AV	2.4556G	99.16	Inf	-Inf	3	Vertical	314	2.06	-
2457MHz	Pass	AV	2.4835G	51.23	54.00	-2.77	3	Vertical	314	2.06	-
2457MHz	Pass	PK	2.4582G	107.89	Inf	-Inf	3	Vertical	314	2.06	-
2457MHz	Pass	PK	2.4898G	67.97	74.00	-6.03	3	Vertical	314	2.06	-
2457MHz	Pass	AV	2.4576G	105.69	Inf	-Inf	3	Horizontal	282	1.34	-
2457MHz	Pass	AV	2.4848G	53.64	54.00	-0.36	3	Horizontal	282	1.34	-
2457MHz	Pass	PK	2.455G	113.48	Inf	-Inf	3	Horizontal	282	1.34	-
2457MHz	Pass	PK	2.4852G	72.13	74.00	-1.87	3	Horizontal	282	1.34	-
2462MHz	Pass	AV	2.4608G	97.09	Inf	-Inf	3	Vertical	315	1.96	-
2462MHz	Pass	AV	2.4835G	51.29	54.00	-2.71	3	Vertical	315	1.96	-
2462MHz	Pass	PK	2.4608G	105.44	Inf	-Inf	3	Vertical	315	1.96	-
2462MHz	Pass	PK	2.4835G	65.45	74.00	-8.55	3	Vertical	315	1.96	-
2462MHz	Pass	AV	2.4626G	103.06	Inf	-Inf	3	Horizontal	282	1.37	-
2462MHz	Pass	AV	2.4848G	53.63	54.00	-0.37	3	Horizontal	282	1.37	-
2462MHz	Pass	PK	2.4602G	111.32	Inf	-Inf	3	Horizontal	282	1.37	-
2462MHz	Pass	PK	2.4846G	67.83	74.00	-6.17	3	Horizontal	282	1.37	-
2462MHz	Pass	AV	4.92351G	35.11	54.00	-18.89	3	Vertical	85	2.43	-
2462MHz	Pass	AV	7.38506G	39.23	54.00	-14.77	3	Vertical	293	1.06	-
2462MHz	Pass	AV	12.30518G	44.36	54.00	-9.64	3	Vertical	300	2.14	-
2462MHz	Pass	PK	4.92226G	46.46	74.00	-27.54	3	Vertical	85	2.43	-
2462MHz	Pass	PK	7.38826G	50.78	74.00	-23.22	3	Vertical	293	1.06	-
2462MHz	Pass	PK	12.30796G	55.85	74.00	-18.15	3	Vertical	300	2.14	-
2462MHz	Pass	AV	4.9198G	36.30	54.00	-17.70	3	Horizontal	341	1.00	-
2462MHz	Pass	AV	7.38676G	40.99	54.00	-13.01	3	Horizontal	15	1.50	-
2462MHz	Pass	AV	12.30928G	44.46	54.00	-9.54	3	Horizontal	152	1.71	-
2462MHz	Pass	PK	4.926G	47.82	74.00	-26.18	3	Horizontal	341	1.00	-
2462MHz	Pass	PK	7.38416G	51.88	74.00	-22.12	3	Horizontal	15	1.50	-
2462MHz	Pass	PK	12.31652G	55.23	74.00	-18.77	3	Horizontal	152	1.71	-

802.11b_Nss1,(1Mbps)_2TX

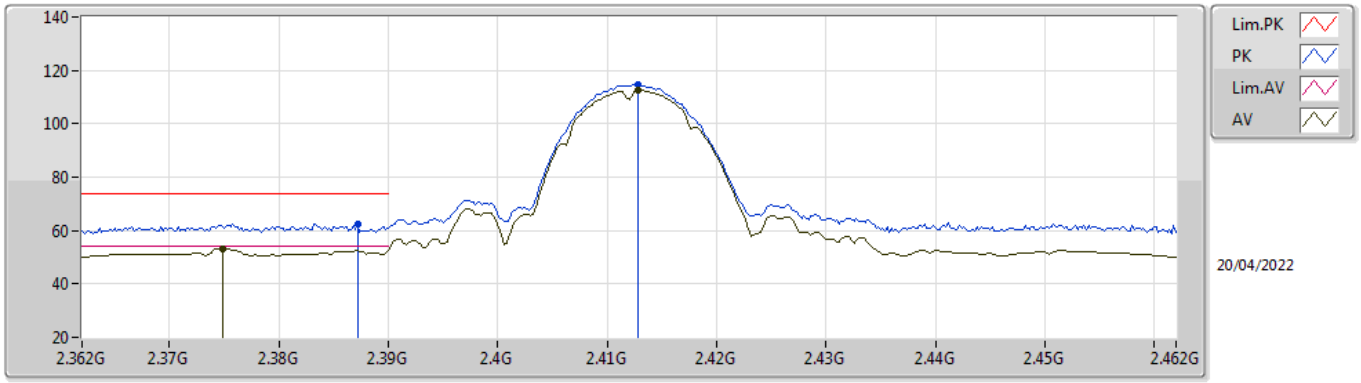
2412MHz_TX



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	2.3748G	51.56	54.00	-2.44	31.91	3	Vertical	336	2.80	-	19.65	27.35	4.56	-
AV	2.4112G	111.20	Inf	-Inf	32.10	3	Vertical	336	2.80	-	79.10	27.52	4.58	-
PK	2.3702G	61.72	74.00	-12.28	31.87	3	Vertical	336	2.80	-	29.85	27.32	4.55	-
PK	2.4112G	113.28	Inf	-Inf	32.10	3	Vertical	336	2.80	-	81.18	27.52	4.58	-

802.11b_Nss1,(1Mbps)_2TX

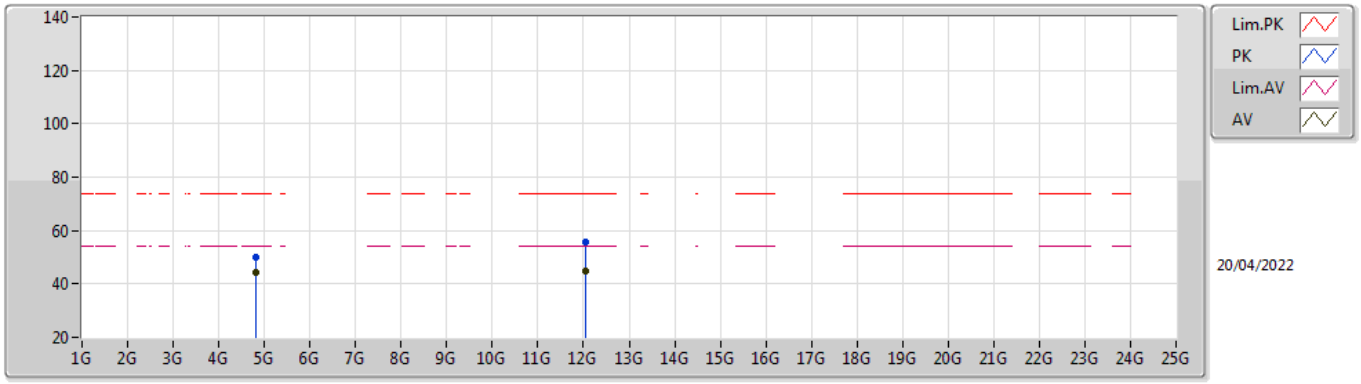
2412MHz_TX



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	2.3748G	53.32	54.00	-0.68	31.91	3	Horizontal	289	1.20	-	21.41	27.35	4.56	-
AV	2.4128G	112.62	Inf	-Inf	32.12	3	Horizontal	289	1.20	-	80.50	27.53	4.59	-
PK	2.3872G	62.62	74.00	-11.38	31.99	3	Horizontal	289	1.20	-	30.63	27.42	4.57	-
PK	2.4128G	114.88	Inf	-Inf	32.12	3	Horizontal	289	1.20	-	82.76	27.53	4.59	-

802.11b_Nss1,(1Mbps)_2TX

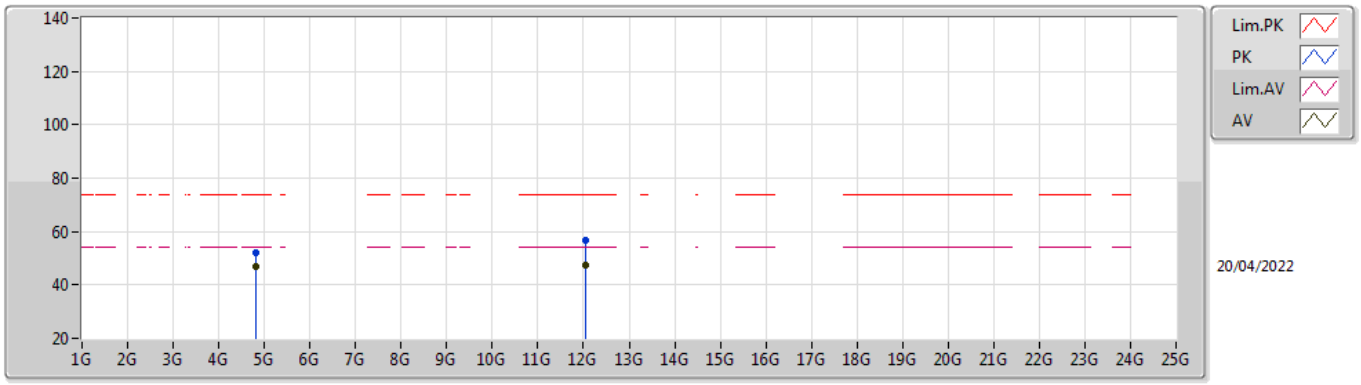
2412MHz_TX



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	4.82396G	44.52	54.00	-9.48	4.31	3	Vertical	326	2.10	-	40.21	32.44	6.68	34.81
AV	12.05846G	44.58	54.00	-9.42	13.73	3	Vertical	327	1.58	-	30.85	38.88	9.56	34.71
PK	4.824G	50.07	74.00	-23.93	4.31	3	Vertical	326	2.10	-	45.76	32.44	6.68	34.81
PK	12.06028G	55.47	74.00	-18.53	13.73	3	Vertical	327	1.58	-	41.74	38.88	9.56	34.71

802.11b_Nss1,(1Mbps)_2TX

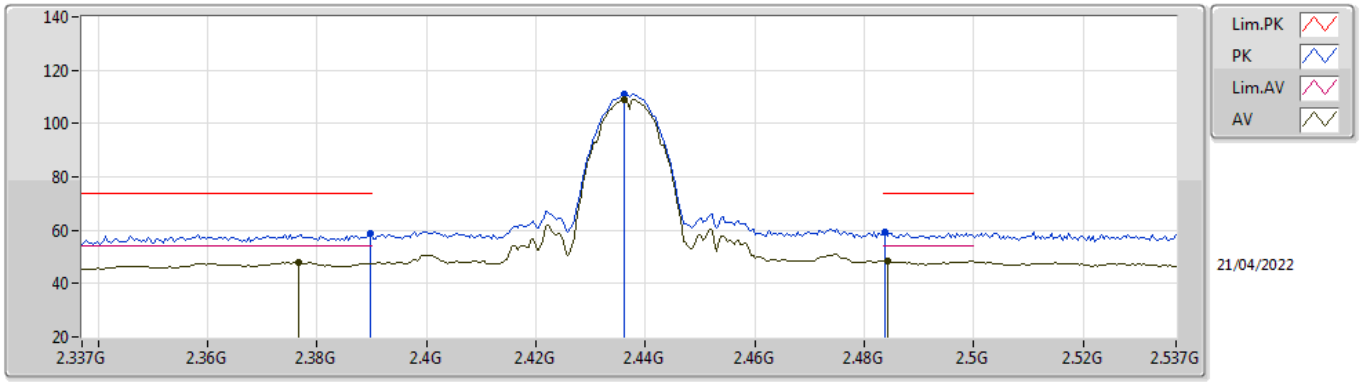
2412MHz_TX



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	4.82396G	47.06	54.00	-6.94	4.31	3	Horizontal	331	1.06	-	42.75	32.44	6.68	34.81
AV	12.0607G	47.30	54.00	-6.70	13.73	3	Horizontal	118	1.08	-	33.57	38.88	9.56	34.71
PK	4.8239G	51.89	74.00	-22.11	4.31	3	Horizontal	331	1.06	-	47.58	32.44	6.68	34.81
PK	12.06072G	56.98	74.00	-17.02	13.73	3	Horizontal	118	1.08	-	43.25	38.88	9.56	34.71

802.11b_Nss1,(1Mbps)_2TX

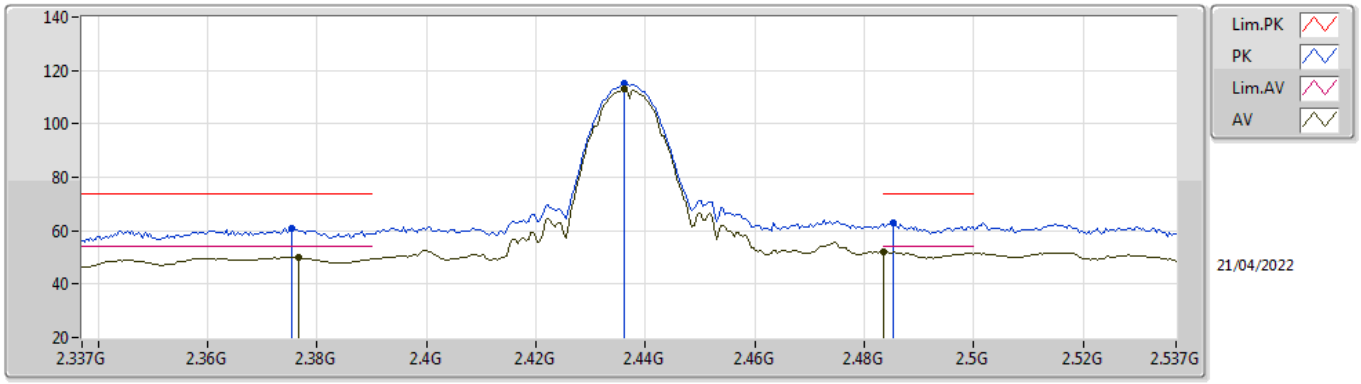
2437MHz_TX



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	2.3766G	47.82	54.00	-6.18	31.92	3	Vertical	360	2.70	-	15.90	27.36	4.56	-
AV	2.4362G	109.09	Inf	-Inf	32.16	3	Vertical	360	2.70	-	76.93	27.57	4.59	-
AV	2.4842G	48.34	54.00	-5.66	32.42	3	Vertical	360	2.70	-	15.92	27.81	4.61	-
PK	2.3898G	58.70	74.00	-15.30	32.01	3	Vertical	360	2.70	-	26.69	27.44	4.57	-
PK	2.4362G	111.02	Inf	-Inf	32.16	3	Vertical	360	2.70	-	78.86	27.57	4.59	-
PK	2.4838G	59.34	74.00	-14.66	32.41	3	Vertical	360	2.70	-	26.93	27.80	4.61	-

802.11b_Nss1,(1Mbps)_2TX

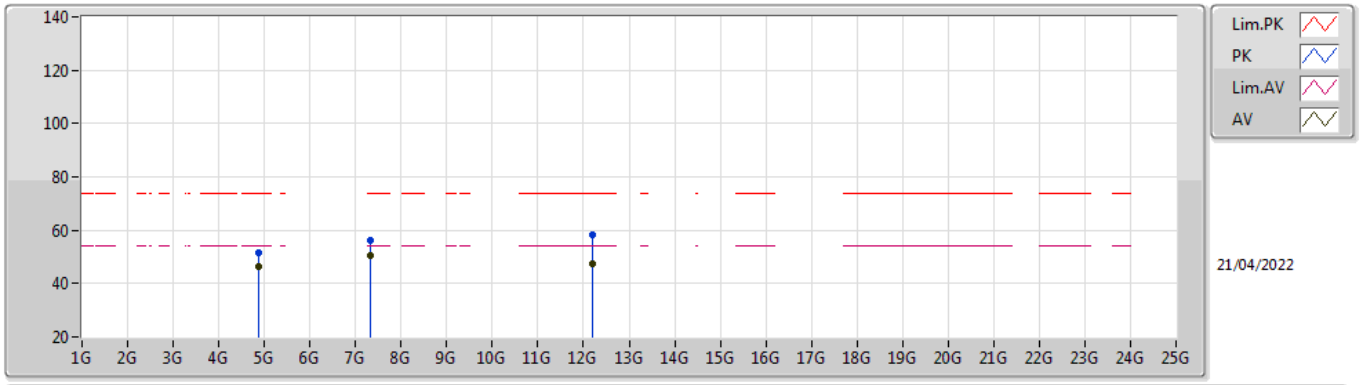
2437MHz_TX



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	2.3766G	50.04	54.00	-3.96	31.92	3	Horizontal	288	1.07	-	18.12	27.36	4.56	-
AV	2.4362G	112.86	Inf	-Inf	32.16	3	Horizontal	288	1.07	-	80.70	27.57	4.59	-
AV	2.4835G	52.02	54.00	-1.98	32.41	3	Horizontal	288	1.07	-	19.61	27.80	4.61	-
PK	2.3754G	61.03	74.00	-12.97	31.91	3	Horizontal	288	1.07	-	29.12	27.35	4.56	-
PK	2.4362G	114.96	Inf	-Inf	32.16	3	Horizontal	288	1.07	-	82.80	27.57	4.59	-
PK	2.4854G	62.76	74.00	-11.24	32.42	3	Horizontal	288	1.07	-	30.34	27.81	4.61	-

802.11b_Nss1,(1Mbps)_2TX

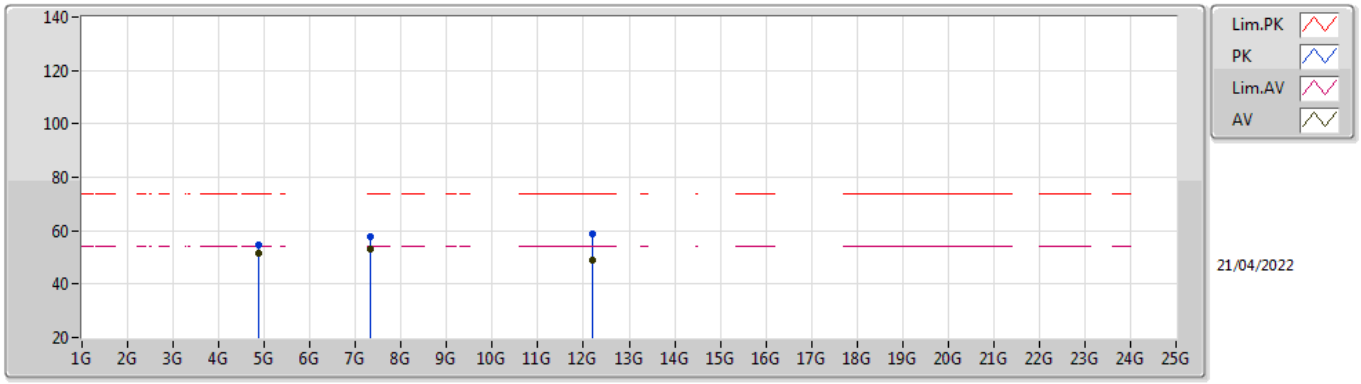
2437MHz_TX



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	4.87397G	46.18	54.00	-7.82	4.63	3	Vertical	305	1.51	-	41.55	32.70	6.72	34.79
AV	7.31262G	50.60	54.00	-3.40	9.77	3	Vertical	341	2.15	-	40.83	36.72	7.87	34.82
AV	12.18592G	47.51	54.00	-6.49	14.09	3	Vertical	319	2.20	-	33.42	39.09	9.63	34.63
PK	4.87396G	51.33	74.00	-22.67	4.63	3	Vertical	305	1.51	-	46.70	32.70	6.72	34.79
PK	7.31354G	56.20	74.00	-17.80	9.77	3	Vertical	341	2.15	-	46.43	36.72	7.87	34.82
PK	12.18296G	58.34	74.00	-15.66	14.07	3	Vertical	319	2.20	-	44.27	39.08	9.63	34.64

802.11b_Nss1,(1Mbps)_2TX

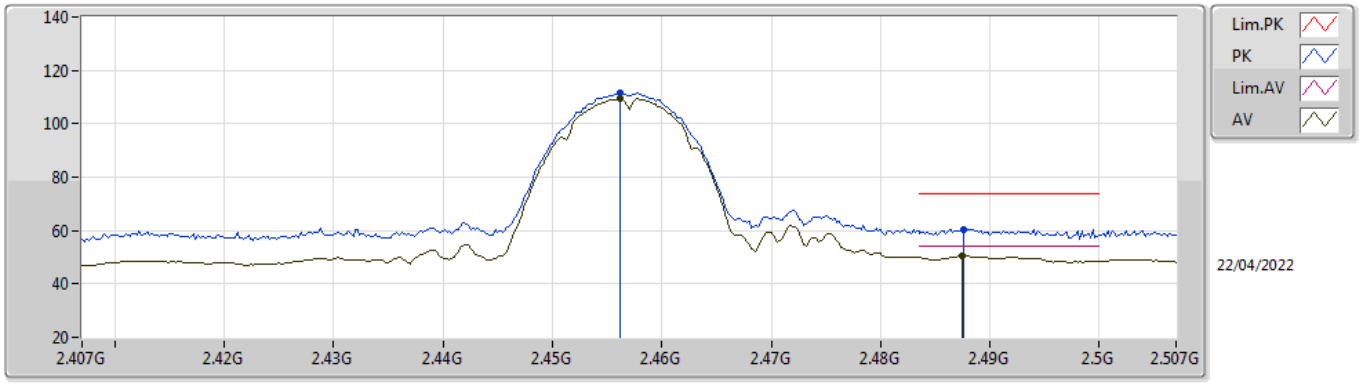
2437MHz_TX



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	51.53	54.00	-2.47	4.63	3	Horizontal	330	1.01	-	46.90	32.70	6.72	34.79
AV	7.31274G	53.24	54.00	-0.76	9.77	3	Horizontal	3	1.00	-	43.47	36.72	7.87	34.82
AV	12.18408G	48.79	54.00	-5.21	14.07	3	Horizontal	16	1.00	-	34.72	39.08	9.63	34.64
PK	4.87401G	54.63	74.00	-19.37	4.63	3	Horizontal	330	1.01	-	50.00	32.70	6.72	34.79
PK	7.31296G	57.95	74.00	-16.05	9.77	3	Horizontal	3	1.00	-	48.18	36.72	7.87	34.82
PK	12.18336G	58.56	74.00	-15.44	14.07	3	Horizontal	16	1.00	-	44.49	39.08	9.63	34.64

802.11b_Nss1,(1Mbps)_2TX

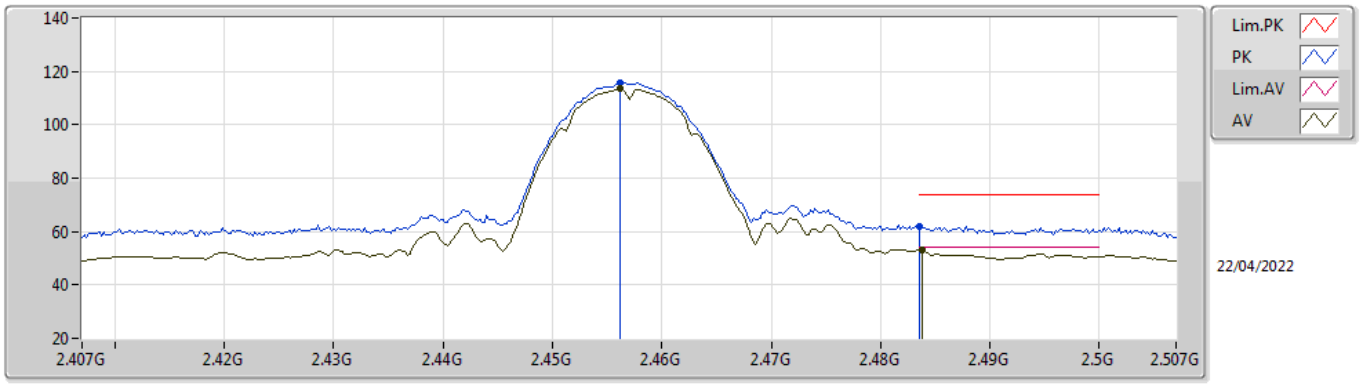
2457MHz_TX



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	2.4562G	109.54	Inf	-Inf	32.24	3	Vertical	238	2.93	-	77.30	27.64	4.60	-
AV	2.4874G	50.54	54.00	-3.46	32.43	3	Vertical	238	2.93	-	18.11	27.82	4.61	-
PK	2.4562G	111.53	Inf	-Inf	32.24	3	Vertical	238	2.93	-	79.29	27.64	4.60	-
PK	2.4876G	60.59	74.00	-13.41	32.45	3	Vertical	238	2.93	-	28.14	27.83	4.62	-

802.11b_Nss1,(1Mbps)_2TX

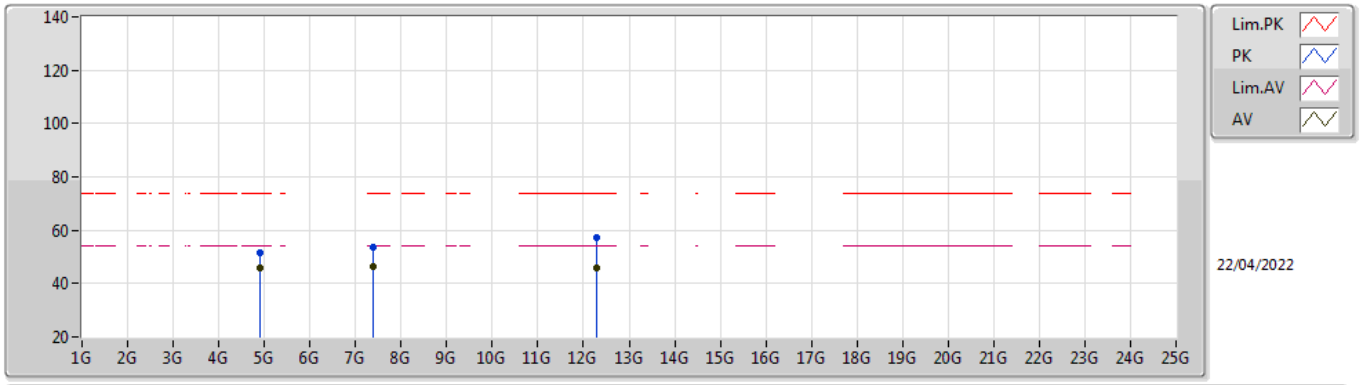
2457MHz_TX



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	2.4562G	113.46	Inf	-Inf	32.24	3	Horizontal	182	1.02	-	81.22	27.64	4.60	-
AV	2.4838G	52.99	54.00	-1.01	32.41	3	Horizontal	182	1.02	-	20.58	27.80	4.61	-
PK	2.4562G	115.62	Inf	-Inf	32.24	3	Horizontal	182	1.02	-	83.38	27.64	4.60	-
PK	2.4835G	62.06	74.00	-11.94	32.41	3	Horizontal	182	1.02	-	29.65	27.80	4.61	-

802.11b_Nss1,(1Mbps)_2TX

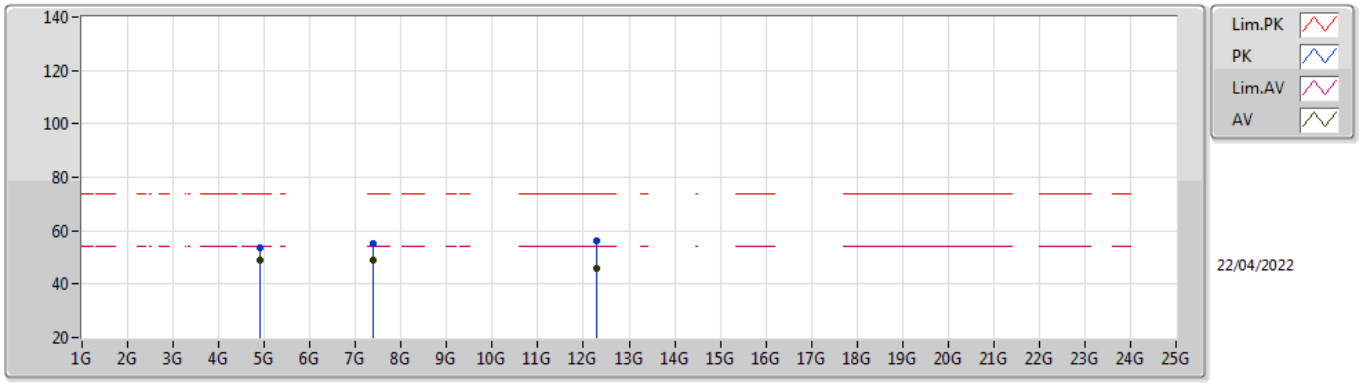
2457MHz_TX



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	4.91394G	46.01	54.00	-7.99	4.83	3	Vertical	318	2.20	-	41.18	32.86	6.75	34.78
AV	7.37256G	46.60	54.00	-7.40	9.52	3	Vertical	343	2.20	-	37.08	36.41	7.94	34.83
AV	12.28552G	45.83	54.00	-8.17	14.04	3	Vertical	194	2.82	-	31.79	38.93	9.68	34.57
PK	4.91398G	51.43	74.00	-22.57	4.83	3	Vertical	318	2.20	-	46.60	32.86	6.75	34.78
PK	7.37352G	53.84	74.00	-20.16	9.52	3	Vertical	343	2.20	-	44.32	36.41	7.94	34.83
PK	12.28556G	57.10	74.00	-16.90	14.04	3	Vertical	194	2.82	-	43.06	38.93	9.68	34.57

802.11b_Nss1,(1Mbps)_2TX

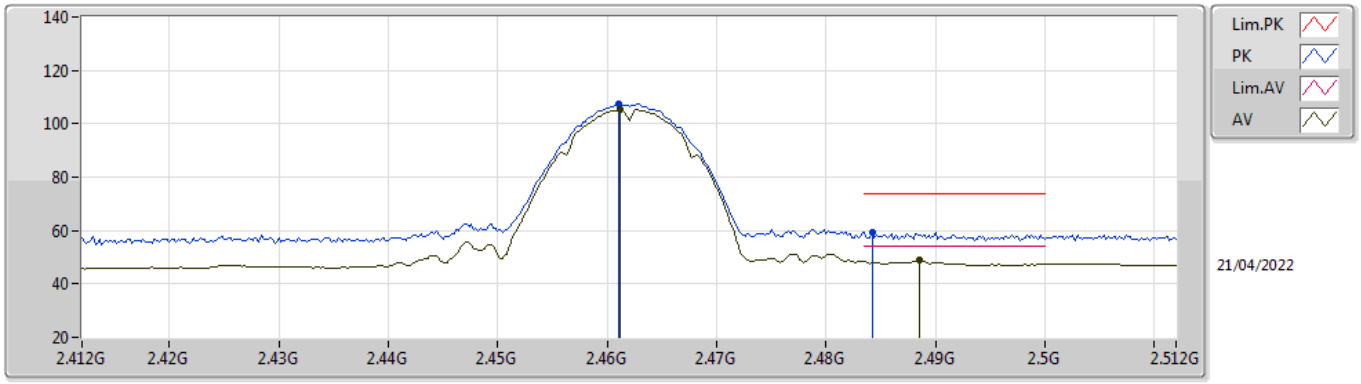
2457MHz_TX



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	4.91396G	49.04	54.00	-4.96	4.83	3	Horizontal	339	2.17	-	44.21	32.86	6.75	34.78
AV	7.37272G	48.83	54.00	-5.17	9.52	3	Horizontal	13	1.04	-	39.31	36.41	7.94	34.83
AV	12.28408G	45.91	54.00	-8.09	14.04	3	Horizontal	112	1.12	-	31.87	38.93	9.68	34.57
PK	4.914G	53.68	74.00	-20.32	4.83	3	Horizontal	339	2.17	-	48.85	32.86	6.75	34.78
PK	7.37178G	55.37	74.00	-18.63	9.52	3	Horizontal	13	1.04	-	45.85	36.41	7.94	34.83
PK	12.28548G	56.22	74.00	-17.78	14.04	3	Horizontal	112	1.12	-	42.18	38.93	9.68	34.57

802.11b_Nss1,(1Mbps)_2TX

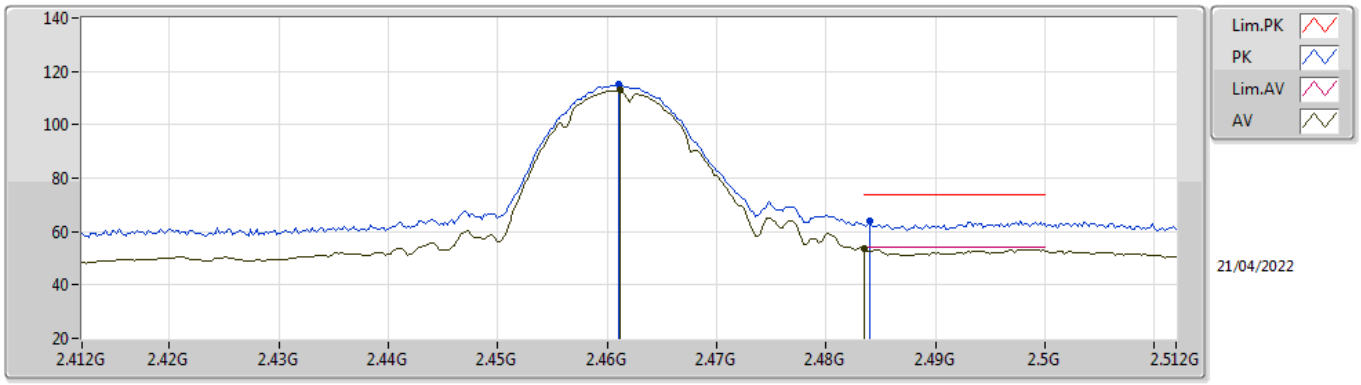
2462MHz_TX



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	105.34	Inf	-Inf	32.27	3	Vertical	302	1.50	-	73.07	27.67	4.60	-
AV	2.4886G	48.84	54.00	-5.16	32.45	3	Vertical	302	1.50	-	16.39	27.83	4.62	-
PK	2.461G	107.35	Inf	-Inf	32.27	3	Vertical	302	1.50	-	75.08	27.67	4.60	-
PK	2.4842G	59.53	74.00	-14.47	32.42	3	Vertical	302	1.50	-	27.11	27.81	4.61	-

802.11b_Nss1,(1Mbps)_2TX

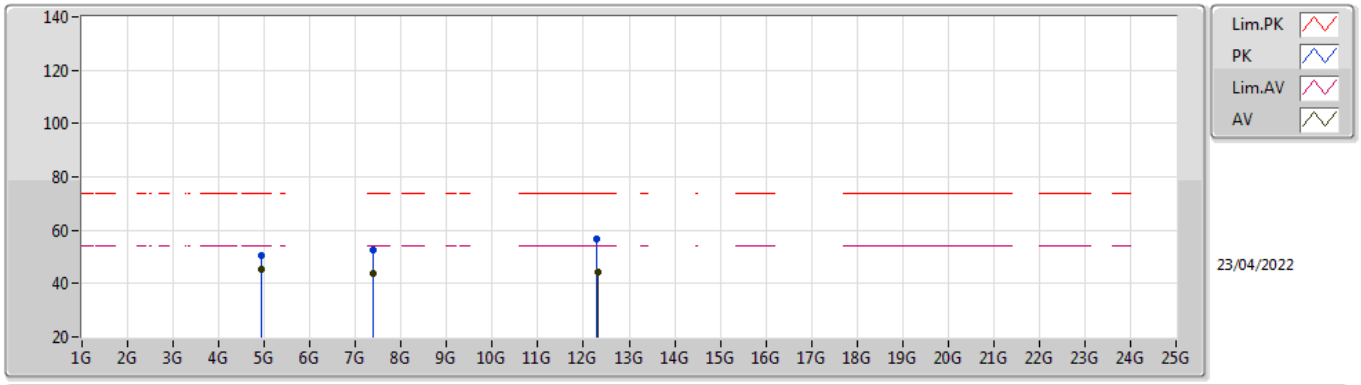
2462MHz_TX



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	2.4835G	53.78	54.00	-0.22	32.41	3	Horizontal	287	1.35	-	21.37	27.80	4.61	-
AV	2.4612G	112.94	Inf	-Inf	32.27	3	Horizontal	287	1.35	-	80.67	27.67	4.60	-
PK	2.461G	115.05	Inf	-Inf	32.27	3	Horizontal	287	1.35	-	82.78	27.67	4.60	-
PK	2.484G	64.14	74.00	-9.86	32.41	3	Horizontal	287	1.35	-	31.73	27.80	4.61	-

802.11b_Nss1,(1Mbps)_2TX

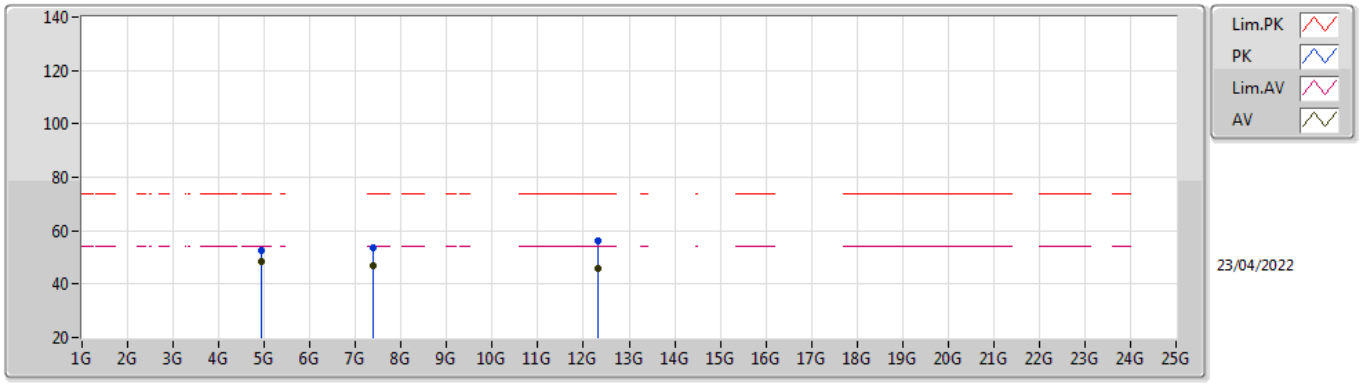
2462MHz_TX



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	4.92392G	45.39	54.00	-8.61	4.87	3	Vertical	315	2.00	-	40.52	32.90	6.75	34.78
AV	7.38772G	44.04	54.00	-9.96	9.48	3	Vertical	360	1.95	-	34.56	36.35	7.96	34.83
AV	12.304G	44.32	54.00	-9.68	14.03	3	Vertical	234	1.50	-	30.29	38.90	9.69	34.56
PK	4.924G	50.52	74.00	-23.48	4.87	3	Vertical	315	2.00	-	45.65	32.90	6.75	34.78
PK	7.38676G	52.52	74.00	-21.48	9.47	3	Vertical	360	1.95	-	43.05	36.35	7.95	34.83
PK	12.30212G	56.97	74.00	-17.03	14.03	3	Vertical	234	1.50	-	42.94	38.90	9.69	34.56

802.11b_Nss1,(1Mbps)_2TX

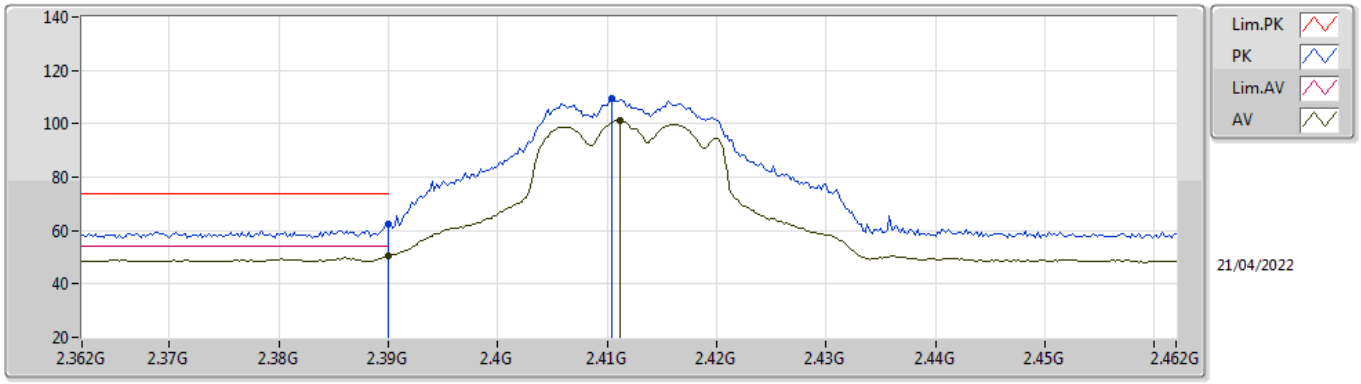
2462MHz_TX



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	4.92396G	48.34	54.00	-5.66	4.87	3	Horizontal	331	1.00	-	43.47	32.90	6.75	34.78
AV	7.38768G	46.80	54.00	-7.20	9.48	3	Horizontal	12	1.50	-	37.32	36.35	7.96	34.83
AV	12.31116G	45.83	54.00	-8.17	14.03	3	Horizontal	150	2.11	-	31.80	38.90	9.69	34.56
PK	4.92384G	52.45	74.00	-21.55	4.87	3	Horizontal	331	1.00	-	47.58	32.90	6.75	34.78
PK	7.38728G	53.80	74.00	-20.20	9.47	3	Horizontal	12	1.50	-	44.33	36.35	7.95	34.83
PK	12.30892G	56.17	74.00	-17.83	14.03	3	Horizontal	150	2.11	-	42.14	38.90	9.69	34.56

802.11g_Nss1,(6Mbps)_2TX

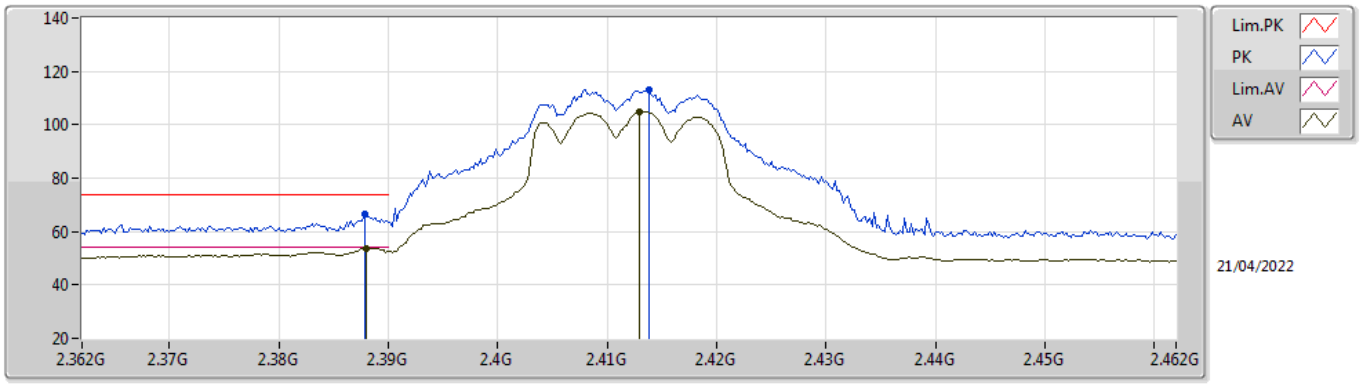
2412MHz_TX



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	50.44	54.00	-3.56	32.01	3	Vertical	322	2.96	-	18.43	27.44	4.57	-
AV	2.4112G	101.19	Inf	-Inf	32.10	3	Vertical	322	2.96	-	69.09	27.52	4.58	-
PK	2.39G	62.62	74.00	-11.38	32.01	3	Vertical	322	2.96	-	30.61	27.44	4.57	-
PK	2.4104G	109.23	Inf	-Inf	32.10	3	Vertical	322	2.96	-	77.13	27.52	4.58	-

802.11g_Nss1,(6Mbps)_2TX

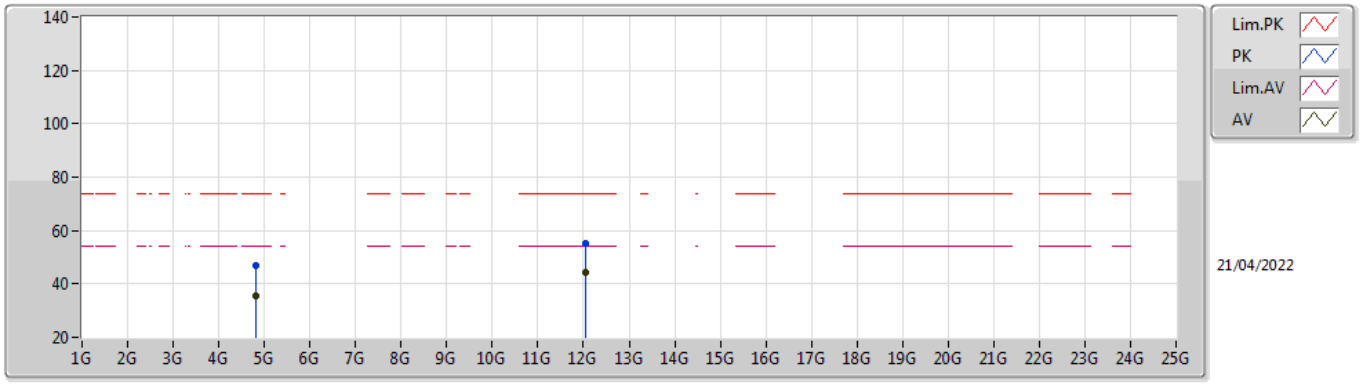
2412MHz_TX



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	2.388G	53.78	54.00	-0.22	32.00	3	Horizontal	338	1.03	-	21.78	27.43	4.57	-
AV	2.413G	105.05	Inf	-Inf	32.12	3	Horizontal	338	1.03	-	72.93	27.53	4.59	-
PK	2.3878G	66.61	74.00	-7.39	32.00	3	Horizontal	338	1.03	-	34.61	27.43	4.57	-
PK	2.4138G	113.10	Inf	-Inf	32.12	3	Horizontal	338	1.03	-	80.98	27.53	4.59	-

802.11g_Nss1,(6Mbps)_2TX

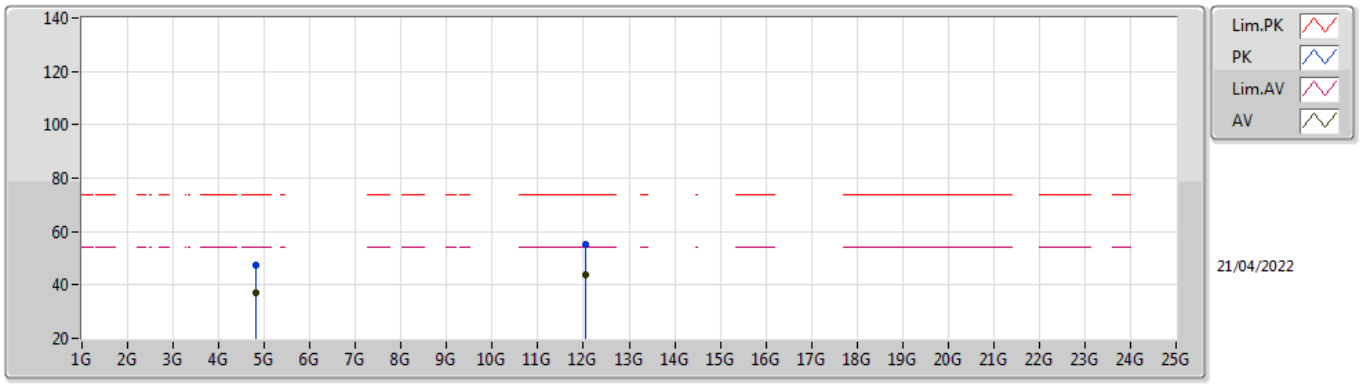
2412MHz_TX



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	4.82656G	35.56	54.00	-18.44	4.33	3	Vertical	267	2.10	-	31.23	32.46	6.68	34.81
AV	12.05941G	44.10	54.00	-9.90	13.73	3	Vertical	184	1.44	-	30.37	38.88	9.56	34.71
PK	4.80528G	46.72	74.00	-27.28	4.18	3	Vertical	267	2.10	-	42.54	32.33	6.66	34.81
PK	12.06039G	55.38	74.00	-18.62	13.73	3	Vertical	184	1.44	-	41.65	38.88	9.56	34.71

802.11g_Nss1,(6Mbps)_2TX

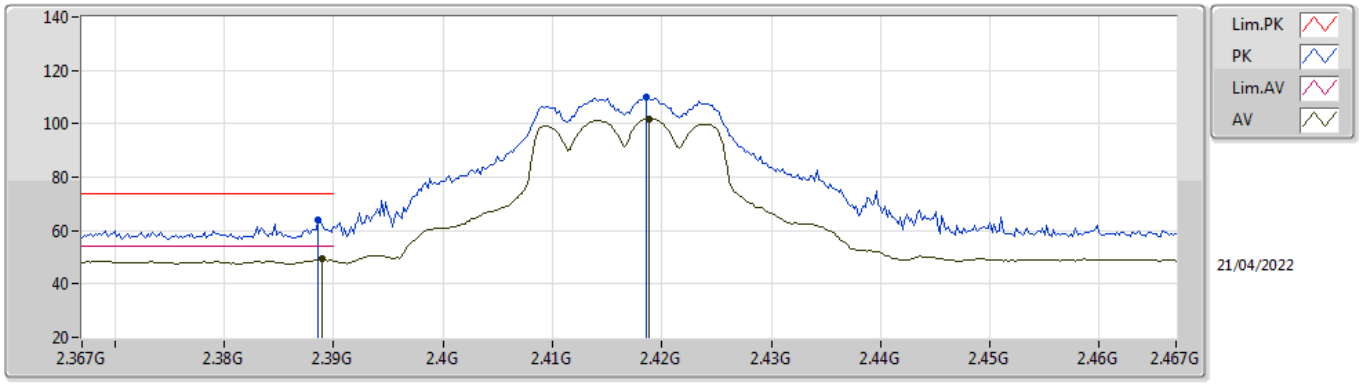
2412MHz_TX



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	4.82536G	36.88	54.00	-17.12	4.32	3	Horizontal	335	2.66	-	32.56	32.45	6.68	34.81
AV	12.04752G	43.89	54.00	-10.11	13.67	3	Horizontal	217	1.50	-	30.22	38.84	9.55	34.72
PK	4.82632G	47.46	74.00	-26.54	4.33	3	Horizontal	335	2.66	-	43.13	32.46	6.68	34.81
PK	12.04608G	55.23	74.00	-18.77	13.67	3	Horizontal	217	1.50	-	41.56	38.84	9.55	34.72

802.11g_Nss1,(6Mbps)_2TX

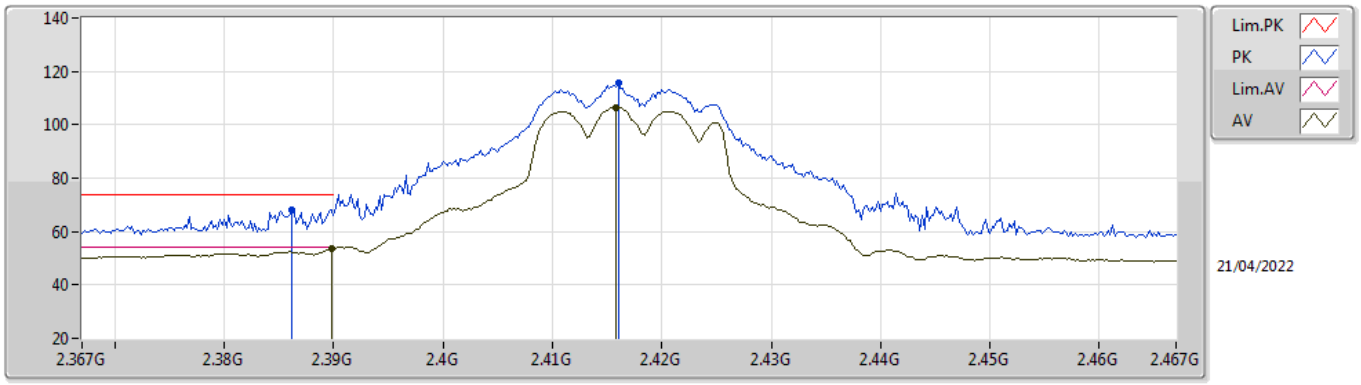
2417MHz_TX



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	2.389G	49.25	54.00	-4.75	32.00	3	Vertical	315	3.00	-	17.25	27.43	4.57	-
AV	2.4188G	101.95	Inf	-Inf	32.13	3	Vertical	315	3.00	-	69.82	27.54	4.59	-
PK	2.3886G	63.71	74.00	-10.29	32.00	3	Vertical	315	3.00	-	31.71	27.43	4.57	-
PK	2.4186G	110.05	Inf	-Inf	32.13	3	Vertical	315	3.00	-	77.92	27.54	4.59	-

802.11g_Nss1,(6Mbps)_2TX

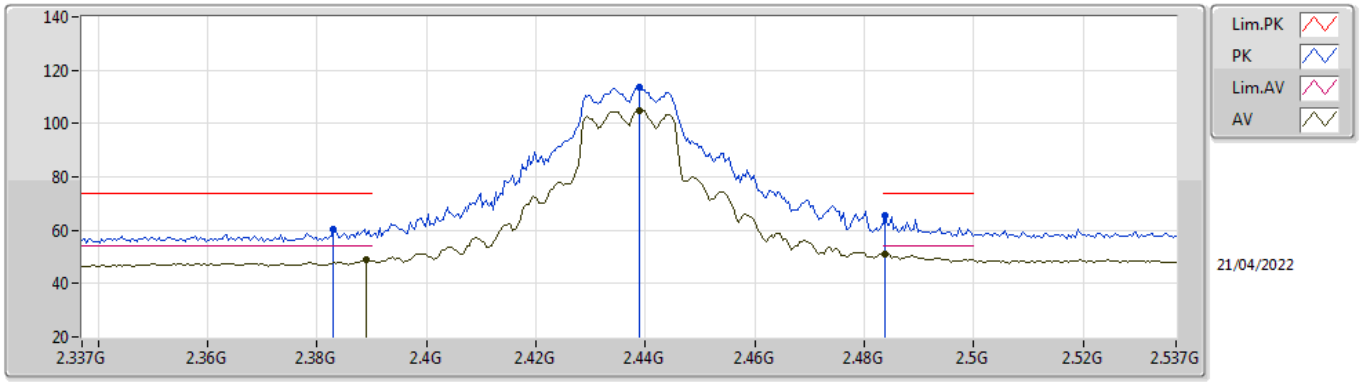
2417MHz_TX



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	2.3898G	53.77	54.00	-0.23	32.01	3	Horizontal	336	1.01	-	21.76	27.44	4.57	-
AV	2.4158G	106.52	Inf	-Inf	32.12	3	Horizontal	336	1.01	-	74.40	27.53	4.59	-
PK	2.3862G	68.03	74.00	-5.97	31.99	3	Horizontal	336	1.01	-	36.04	27.42	4.57	-
PK	2.416G	115.46	Inf	-Inf	32.12	3	Horizontal	336	1.01	-	83.34	27.53	4.59	-

802.11g_Nss1,(6Mbps)_2TX

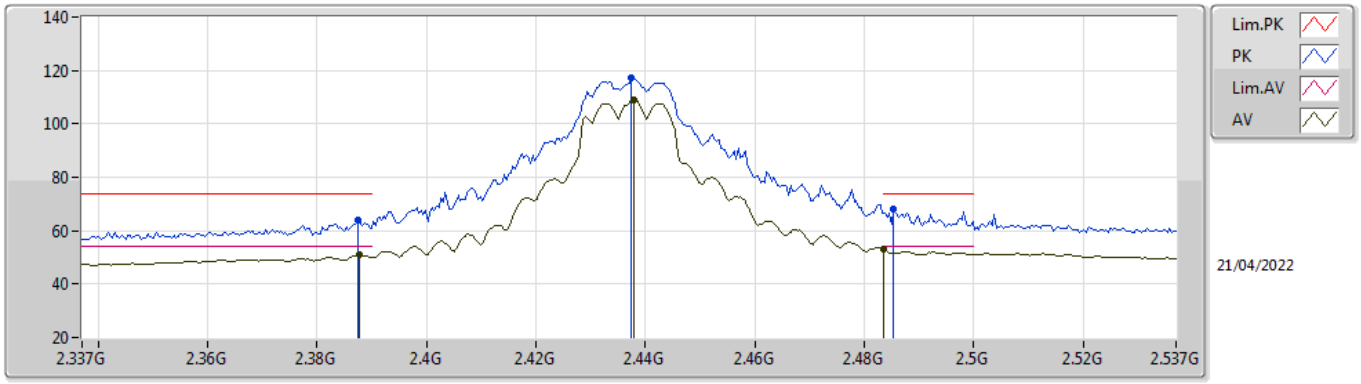
2437MHz_TX



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	2.389G	48.90	54.00	-5.10	32.00	3	Vertical	318	2.29	-	16.90	27.43	4.57	-
AV	2.439G	104.79	Inf	-Inf	32.18	3	Vertical	318	2.29	-	72.61	27.58	4.60	-
AV	2.4838G	51.09	54.00	-2.91	32.41	3	Vertical	318	2.29	-	18.68	27.80	4.61	-
PK	2.383G	60.39	74.00	-13.61	31.96	3	Vertical	318	2.29	-	28.43	27.40	4.56	-
PK	2.439G	113.48	Inf	-Inf	32.18	3	Vertical	318	2.29	-	81.30	27.58	4.60	-
PK	2.4838G	65.51	74.00	-8.49	32.41	3	Vertical	318	2.29	-	33.10	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

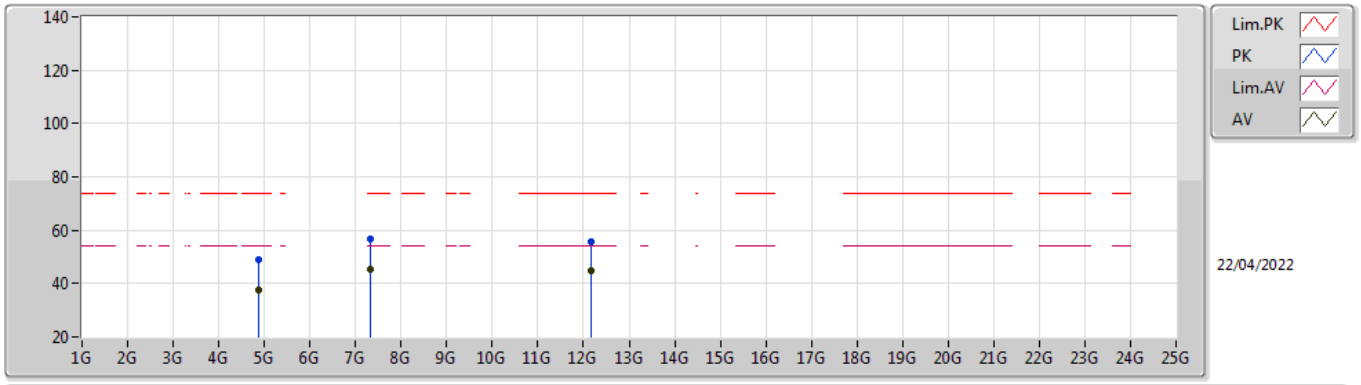
2437MHz_TX



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	2.3878G	50.93	54.00	-3.07	32.00	3	Horizontal	286	1.03	-	18.93	27.43	4.57	-
AV	2.4378G	109.22	Inf	-Inf	32.18	3	Horizontal	286	1.03	-	77.04	27.58	4.60	-
AV	2.4835G	53.20	54.00	-0.80	32.41	3	Horizontal	286	1.03	-	20.79	27.80	4.61	-
PK	2.3874G	63.75	74.00	-10.25	31.99	3	Horizontal	286	1.03	-	31.76	27.42	4.57	-
PK	2.4374G	117.35	Inf	-Inf	32.16	3	Horizontal	286	1.03	-	85.19	27.57	4.59	-
PK	2.4854G	68.30	74.00	-5.70	32.42	3	Horizontal	286	1.03	-	35.88	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

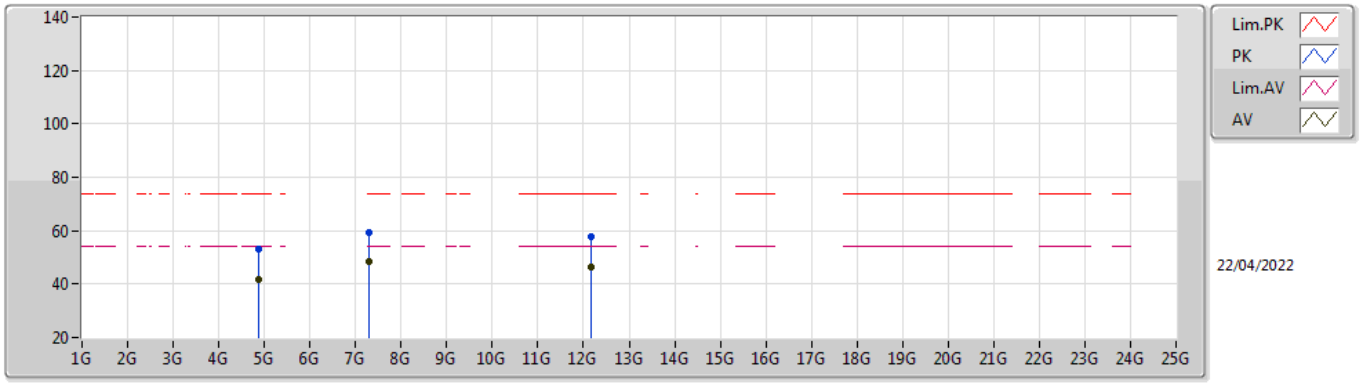
2437MHz_TX



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	4.87256G	37.78	54.00	-16.22	4.61	3	Vertical	329	2.00	-	33.17	32.69	6.71	34.79
AV	7.31484G	45.55	54.00	-8.45	9.76	3	Vertical	336	2.50	-	35.79	36.71	7.87	34.82
AV	12.1758G	44.75	54.00	-9.25	14.06	3	Vertical	185	2.89	-	30.69	39.08	9.62	34.64
PK	4.87176G	48.86	74.00	-25.14	4.61	3	Vertical	329	2.00	-	44.25	32.69	6.71	34.79
PK	7.31436G	56.70	74.00	-17.30	9.76	3	Vertical	336	2.50	-	46.94	36.71	7.87	34.82
PK	12.18116G	55.58	74.00	-18.42	14.06	3	Vertical	185	2.89	-	41.52	39.08	9.62	34.64

802.11g_Nss1,(6Mbps)_2TX

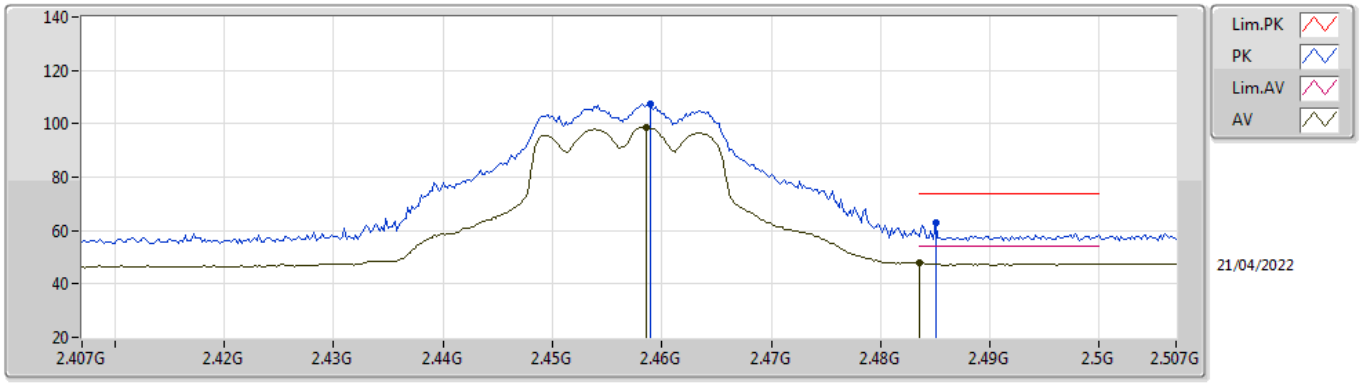
2437MHz_TX



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	4.87136G	41.57	54.00	-12.43	4.61	3	Horizontal	339	1.01	-	36.96	32.69	6.71	34.79
AV	7.30932G	48.20	54.00	-5.80	9.78	3	Horizontal	39	1.00	-	38.42	36.74	7.86	34.82
AV	12.17916G	46.28	54.00	-7.72	14.06	3	Horizontal	6	1.01	-	32.22	39.08	9.62	34.64
PK	4.87736G	53.36	74.00	-20.64	4.64	3	Horizontal	339	1.01	-	48.72	32.71	6.72	34.79
PK	7.31004G	59.49	74.00	-14.51	9.78	3	Horizontal	39	1.00	-	49.71	36.74	7.86	34.82
PK	12.1746G	57.60	74.00	-16.40	14.05	3	Horizontal	6	1.01	-	43.55	39.07	9.62	34.64

802.11g_Nss1,(6Mbps)_2TX

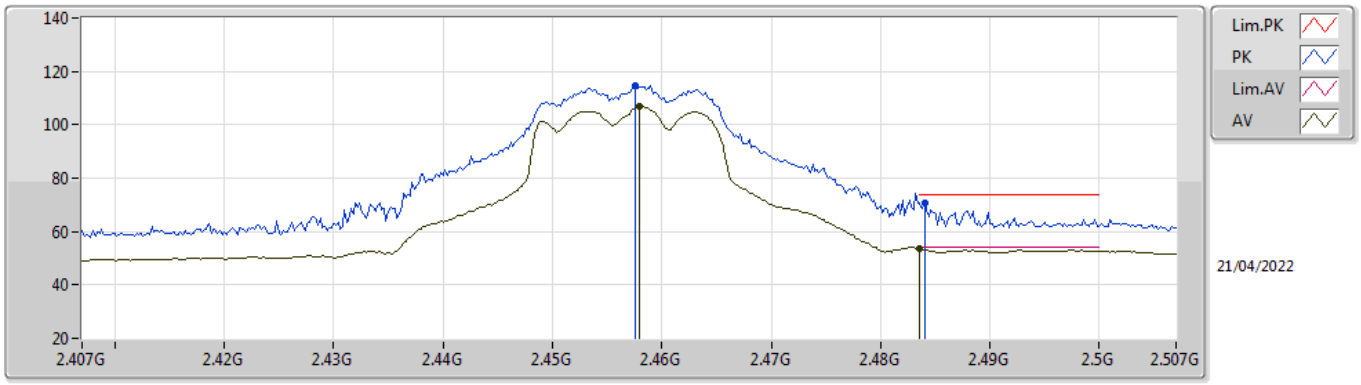
2457MHz_TX



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	2.4586G	98.76	Inf	-Inf	32.25	3	Vertical	295	2.06	-	66.51	27.65	4.60	-
AV	2.4836G	47.87	54.00	-6.13	32.41	3	Vertical	295	2.06	-	15.46	27.80	4.61	-
PK	2.459G	107.29	Inf	-Inf	32.25	3	Vertical	295	2.06	-	75.04	27.65	4.60	-
PK	2.485G	62.90	74.00	-11.10	32.42	3	Vertical	295	2.06	-	30.48	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

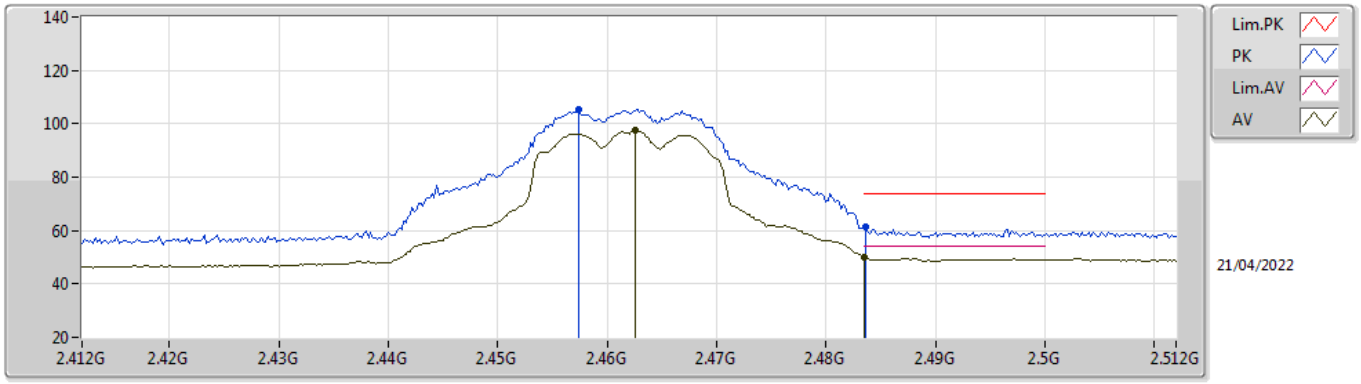
2457MHz_TX



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	2.458G	106.80	Inf	-Inf	32.25	3	Horizontal	280	1.35	-	74.55	27.65	4.60	-
AV	2.4836G	53.66	54.00	-0.34	32.41	3	Horizontal	280	1.35	-	21.25	27.80	4.61	-
PK	2.4576G	114.78	Inf	-Inf	32.25	3	Horizontal	280	1.35	-	82.53	27.65	4.60	-
PK	2.484G	70.79	74.00	-3.21	32.41	3	Horizontal	280	1.35	-	38.38	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

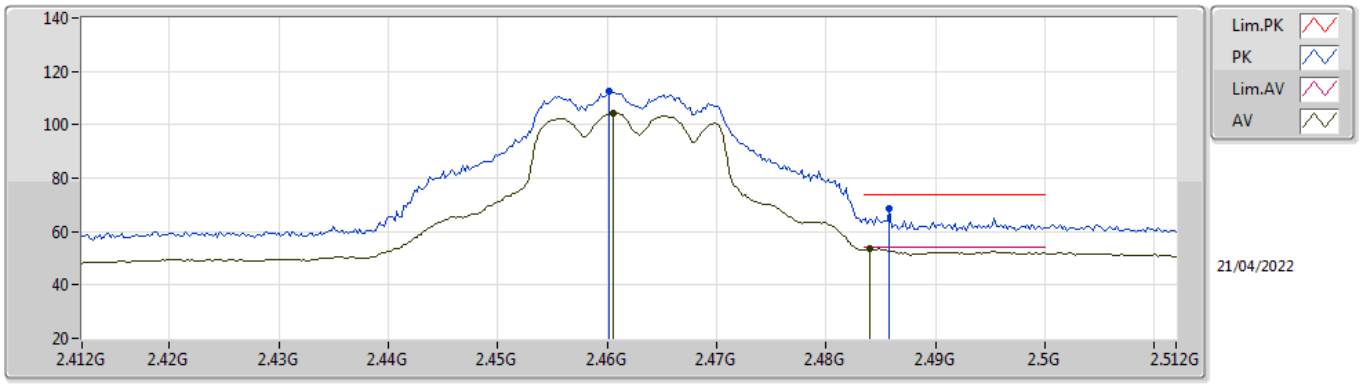
2462MHz_TX



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	2.4626G	97.40	Inf	-Inf	32.29	3	Vertical	316.1	1.95	-	65.11	27.68	4.61	-
AV	2.4835G	50.03	54.00	-3.97	32.41	3	Vertical	316.1	1.95	-	17.62	27.80	4.61	-
PK	2.4574G	105.10	Inf	-Inf	32.24	3	Vertical	316.1	1.95	-	72.86	27.64	4.60	-
PK	2.4836G	61.33	74.00	-12.67	32.41	3	Vertical	316.1	1.95	-	28.92	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

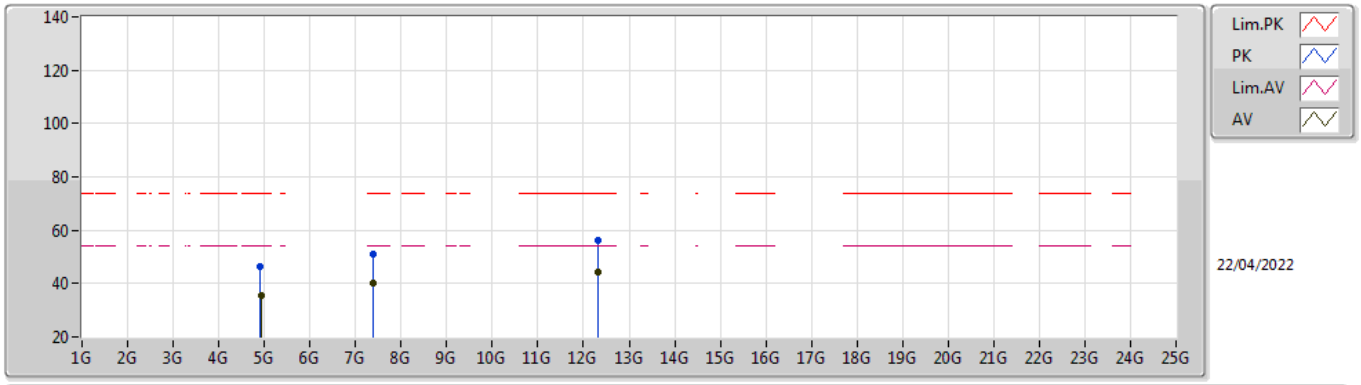
2462MHz_TX



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	2.4606G	104.42	Inf	-Inf	32.26	3	Horizontal	284	1.36	-	72.16	27.66	4.60	-
AV	2.484G	53.68	54.00	-0.32	32.41	3	Horizontal	284	1.36	-	21.27	27.80	4.61	-
PK	2.4602G	112.71	Inf	-Inf	32.26	3	Horizontal	284	1.36	-	80.45	27.66	4.60	-
PK	2.4858G	68.40	74.00	-5.60	32.42	3	Horizontal	284	1.36	-	35.98	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

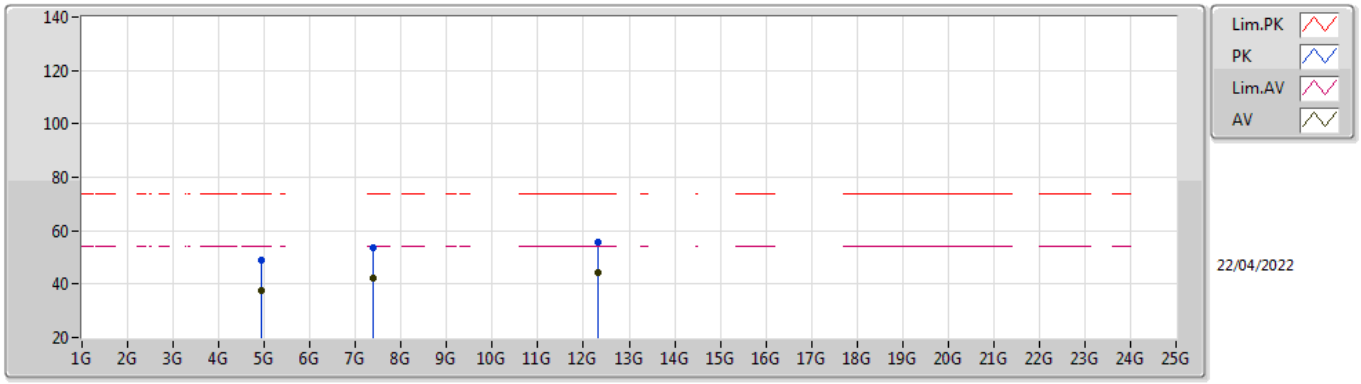
2462MHz_TX



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	4.92112G	35.38	54.00	-18.62	4.85	3	Vertical	269	2.46	-	30.53	32.88	6.75	34.78
AV	7.38656G	40.06	54.00	-13.94	9.47	3	Vertical	346	1.66	-	30.59	36.35	7.95	34.83
AV	12.30768G	44.37	54.00	-9.63	14.03	3	Vertical	231	1.70	-	30.34	38.90	9.69	34.56
PK	4.91368G	46.44	74.00	-27.56	4.82	3	Vertical	269	2.46	-	41.62	32.85	6.75	34.78
PK	7.38632G	51.19	74.00	-22.81	9.47	3	Vertical	346	1.66	-	41.72	36.35	7.95	34.83
PK	12.31105G	56.22	74.00	-17.78	14.03	3	Vertical	231	1.70	-	42.19	38.90	9.69	34.56

802.11g_Nss1,(6Mbps)_2TX

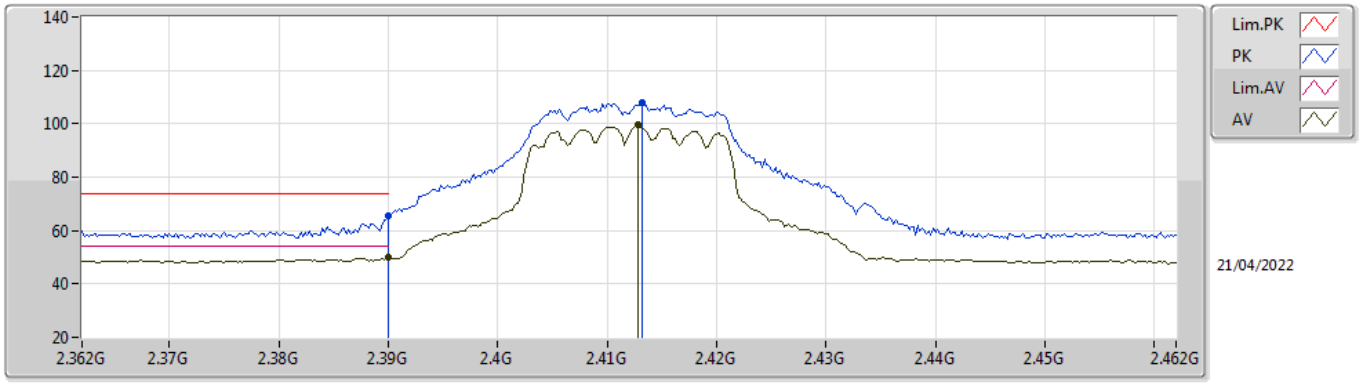
2462MHz_TX



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	4.92616G	37.78	54.00	-16.22	4.87	3	Horizontal	333	2.93	-	32.91	32.90	6.75	34.78
AV	7.38696G	42.24	54.00	-11.76	9.47	3	Horizontal	14	1.08	-	32.77	36.35	7.95	34.83
AV	12.32144G	44.45	54.00	-9.55	14.05	3	Horizontal	0	2.40	-	30.40	38.90	9.70	34.55
PK	4.92144G	48.73	74.00	-25.27	4.86	3	Horizontal	333	2.93	-	43.87	32.89	6.75	34.78
PK	7.382G	53.80	74.00	-20.20	9.49	3	Horizontal	14	1.08	-	44.31	36.37	7.95	34.83
PK	12.30672G	55.90	74.00	-18.10	14.03	3	Horizontal	0	2.40	-	41.87	38.90	9.69	34.56

802.11n HT20_Nss2,(MCS0)_2TX

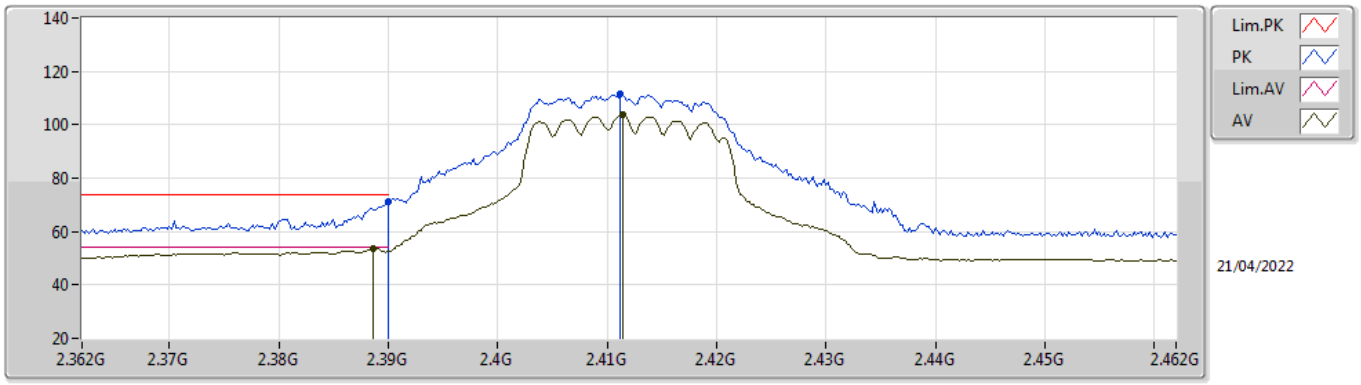
2412MHz_TX



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	49.85	54.00	-4.15	32.01	3	Vertical	324	2.95	-	17.84	27.44	4.57	-
AV	2.4128G	99.40	Inf	-Inf	32.12	3	Vertical	324	2.95	-	67.28	27.53	4.59	-
PK	2.39G	65.33	74.00	-8.67	32.01	3	Vertical	324	2.95	-	33.32	27.44	4.57	-
PK	2.4132G	107.75	Inf	-Inf	32.12	3	Vertical	324	2.95	-	75.63	27.53	4.59	-

802.11n HT20_Nss2,(MCS0)_2TX

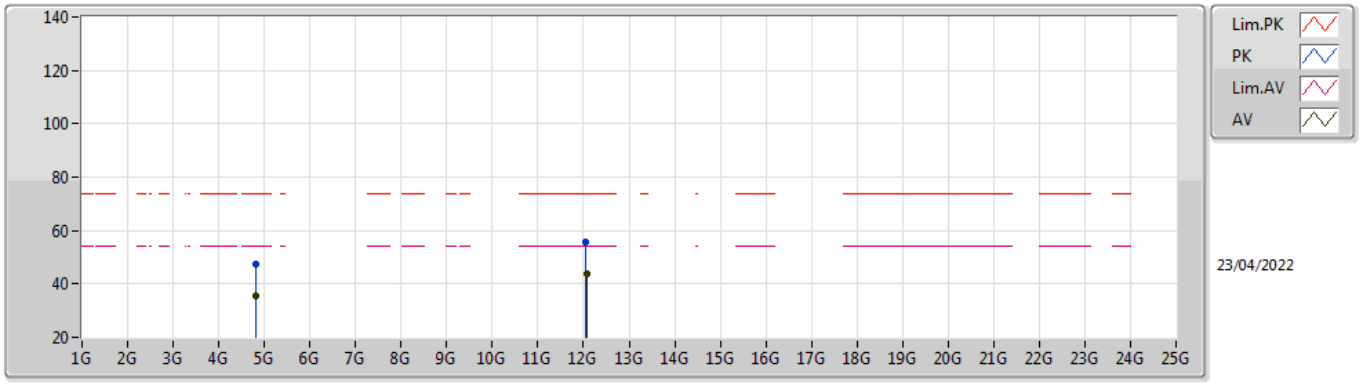
2412MHz_TX



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	2.3886G	53.55	54.00	-0.45	32.00	3	Horizontal	338	1.04	-	21.55	27.43	4.57	-
AV	2.4114G	103.79	Inf	-Inf	32.10	3	Horizontal	338	1.04	-	71.69	27.52	4.58	-
PK	2.39G	71.38	74.00	-2.62	32.01	3	Horizontal	338	1.04	-	39.37	27.44	4.57	-
PK	2.4112G	111.38	Inf	-Inf	32.10	3	Horizontal	338	1.04	-	79.28	27.52	4.58	-

802.11n HT20_Nss2,(MCS0)_2TX

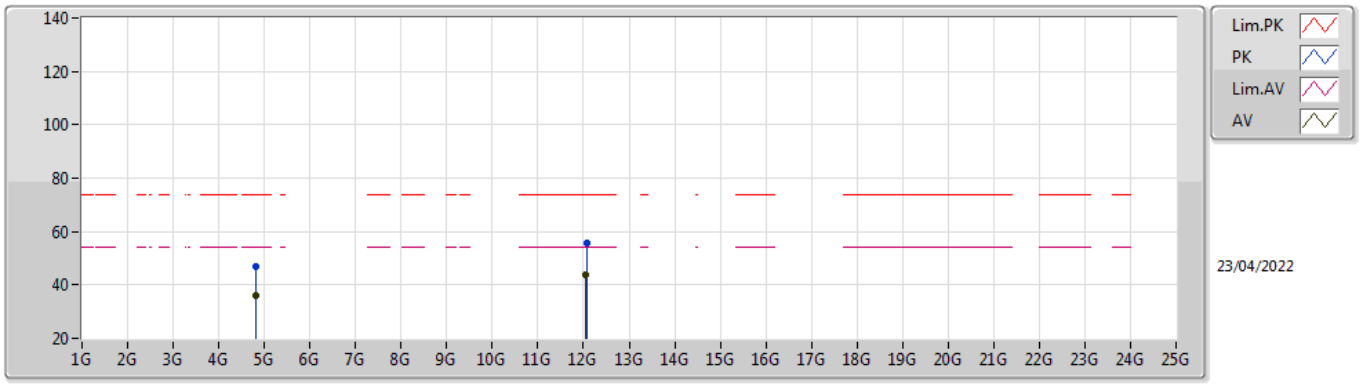
2412MHz_TX



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	4.82698G	35.45	54.00	-18.55	4.34	3	Vertical	340	1.50	-	31.11	32.46	6.68	34.80
AV	12.06336G	43.92	54.00	-10.08	13.74	3	Vertical	48	1.93	-	30.18	38.89	9.56	34.71
PK	4.82018G	47.43	74.00	-26.57	4.29	3	Vertical	340	1.50	-	43.14	32.42	6.68	34.81
PK	12.05676G	55.58	74.00	-18.42	13.72	3	Vertical	48	1.93	-	41.86	38.87	9.56	34.71

802.11n HT20_Nss2,(MCS0)_2TX

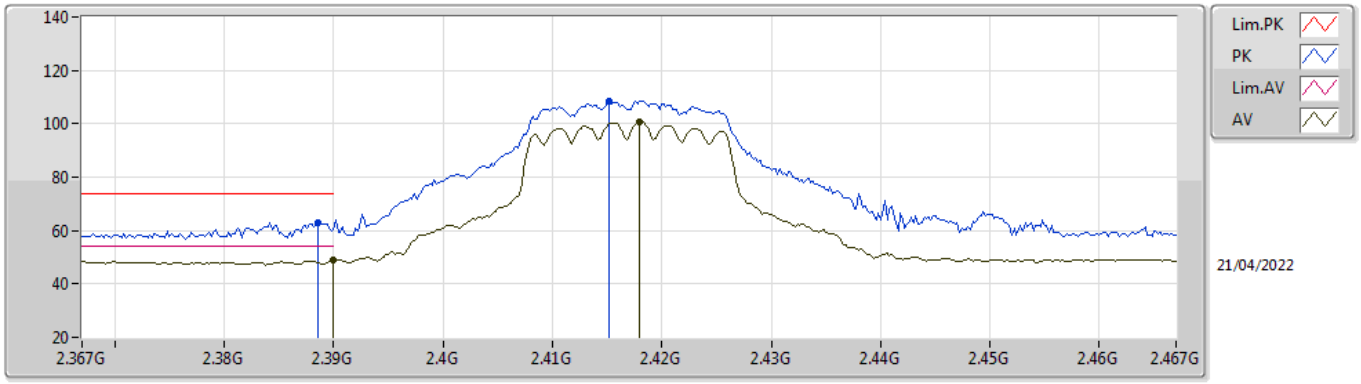
2412MHz_TX



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	4.82476G	36.01	54.00	-17.99	4.32	3	Horizontal	340	1.50	-	31.69	32.45	6.68	34.81
AV	12.05056G	43.89	54.00	-10.11	13.69	3	Horizontal	51	1.60	-	30.20	38.85	9.56	34.72
PK	4.82592G	46.71	74.00	-27.29	4.33	3	Horizontal	340	1.50	-	42.38	32.46	6.68	34.81
PK	12.06816G	55.72	74.00	-18.28	13.76	3	Horizontal	51	1.60	-	41.96	38.90	9.57	34.71

802.11n HT20_Nss2,(MCS0)_2TX

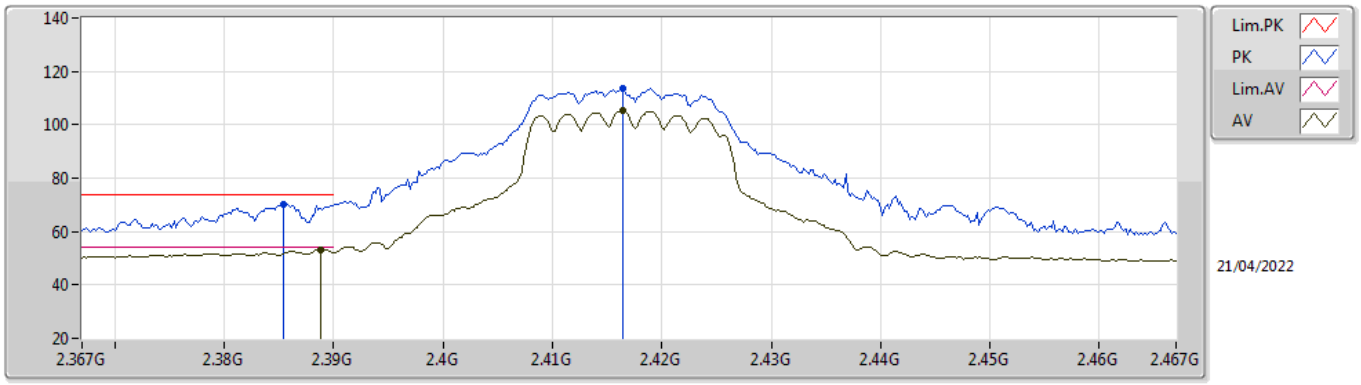
2417MHz_TX



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	2.39G	48.86	54.00	-5.14	32.01	3	Vertical	315	3.00	-	16.85	27.44	4.57	-
AV	2.418G	100.50	Inf	-Inf	32.13	3	Vertical	315	3.00	-	68.37	27.54	4.59	-
PK	2.3886G	62.98	74.00	-11.02	32.00	3	Vertical	315	3.00	-	30.98	27.43	4.57	-
PK	2.4152G	108.56	Inf	-Inf	32.12	3	Vertical	315	3.00	-	76.44	27.53	4.59	-

802.11n HT20_Nss2,(MCS0)_2TX

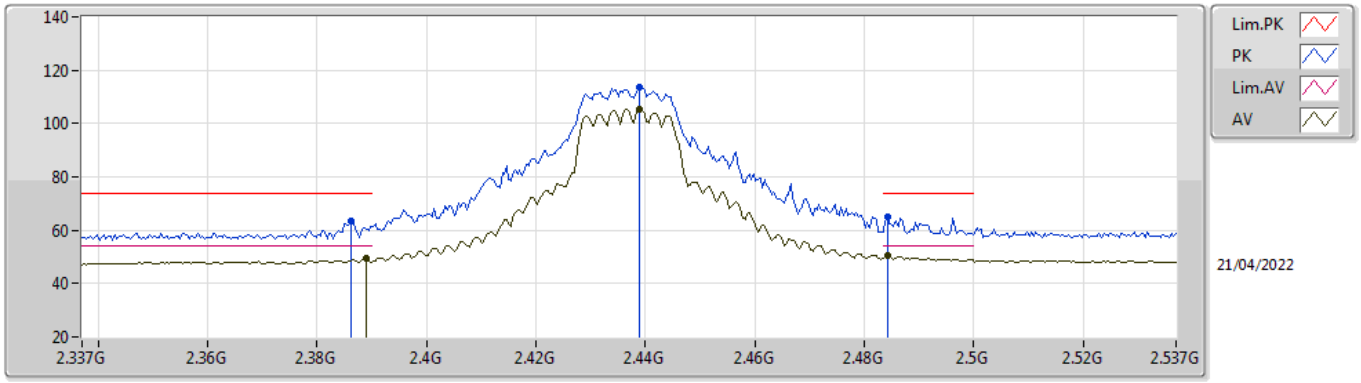
2417MHz_TX



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	2.3888G	53.11	54.00	-0.89	32.00	3	Horizontal	336	1.01	-	21.11	27.43	4.57	-
AV	2.4164G	105.39	Inf	-Inf	32.12	3	Horizontal	336	1.01	-	73.27	27.53	4.59	-
PK	2.3854G	70.00	74.00	-4.00	31.98	3	Horizontal	336	1.01	-	38.02	27.41	4.57	-
PK	2.4164G	113.70	Inf	-Inf	32.12	3	Horizontal	336	1.01	-	81.58	27.53	4.59	-

802.11n HT20_Nss2,(MCS0)_2TX

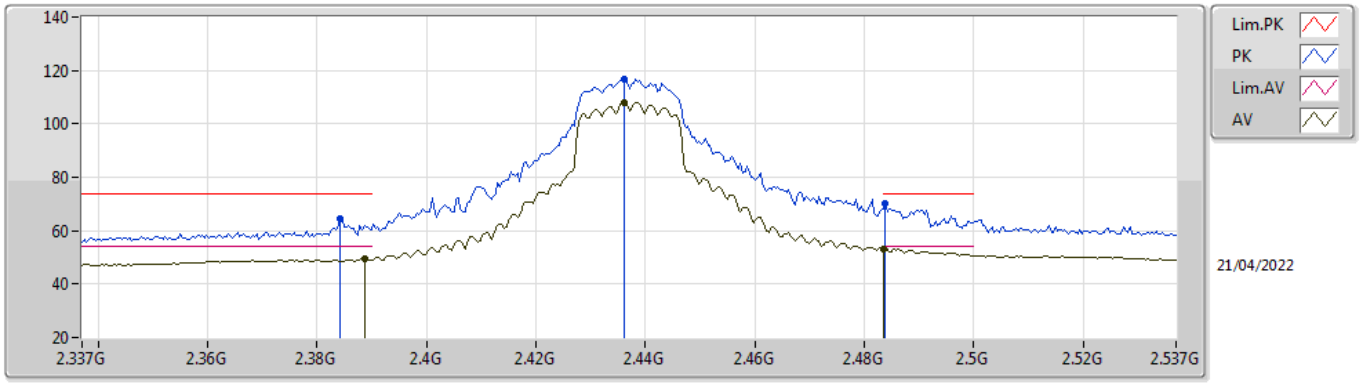
2437MHz_TX



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	2.389G	49.34	54.00	-4.66	32.00	3	Vertical	322	2.95	-	17.34	27.43	4.57	-
AV	2.439G	105.21	Inf	-Inf	32.18	3	Vertical	322	2.95	-	73.03	27.58	4.60	-
AV	2.4842G	50.67	54.00	-3.33	32.42	3	Vertical	322	2.95	-	18.25	27.81	4.61	-
PK	2.3862G	63.54	74.00	-10.46	31.99	3	Vertical	322	2.95	-	31.55	27.42	4.57	-
PK	2.439G	113.85	Inf	-Inf	32.18	3	Vertical	322	2.95	-	81.67	27.58	4.60	-
PK	2.4842G	65.21	74.00	-8.79	32.42	3	Vertical	322	2.95	-	32.79	27.81	4.61	-

802.11n HT20_Nss2,(MCS0)_2TX

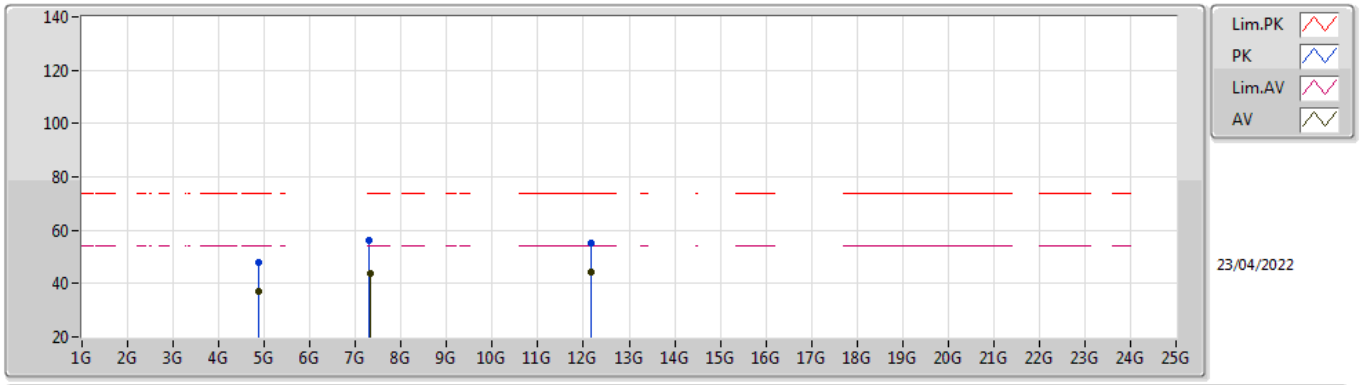
2437MHz_TX



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	2.3886G	49.43	54.00	-4.57	32.00	3	Horizontal	288	1.48	-	17.43	27.43	4.57	-
AV	2.4362G	108.06	Inf	-Inf	32.16	3	Horizontal	288	1.48	-	75.90	27.57	4.59	-
AV	2.4835G	53.35	54.00	-0.65	32.41	3	Horizontal	288	1.48	-	20.94	27.80	4.61	-
PK	2.3842G	64.53	74.00	-9.47	31.97	3	Horizontal	288	1.48	-	32.56	27.41	4.56	-
PK	2.4362G	116.48	Inf	-Inf	32.16	3	Horizontal	288	1.48	-	84.32	27.57	4.59	-
PK	2.4838G	70.07	74.00	-3.93	32.41	3	Horizontal	288	1.48	-	37.66	27.80	4.61	-

802.11n HT20_Nss2,(MCS0)_2TX

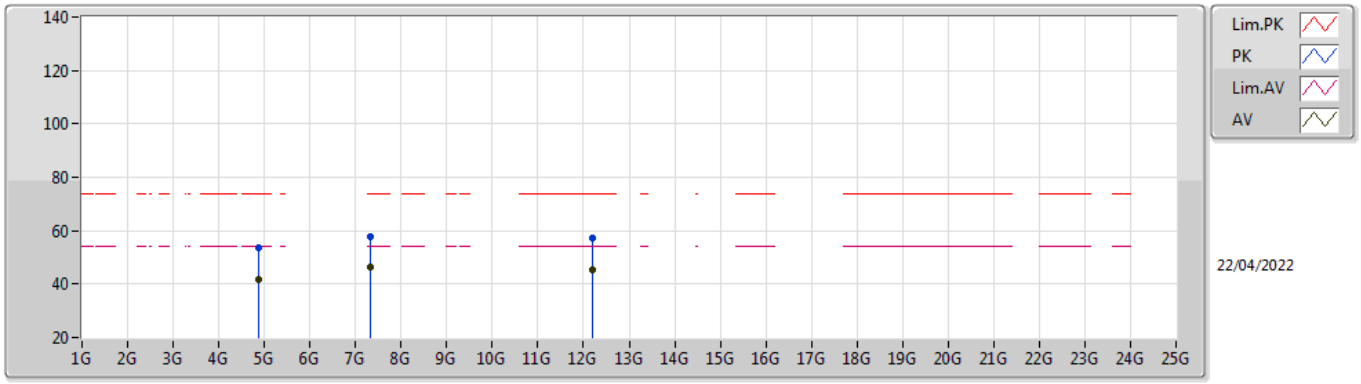
2437MHz_TX



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	4.8728G	37.08	54.00	-16.92	4.61	3	Vertical	334	1.62	-	32.47	32.69	6.71	34.79
AV	7.31404G	43.91	54.00	-10.09	9.77	3	Vertical	340	2.50	-	34.14	36.72	7.87	34.82
AV	12.18176G	44.34	54.00	-9.66	14.06	3	Vertical	360	1.94	-	30.28	39.08	9.62	34.64
PK	4.87632G	48.01	74.00	-25.99	4.64	3	Vertical	334	1.62	-	43.37	32.71	6.72	34.79
PK	7.30924G	56.05	74.00	-17.95	9.78	3	Vertical	340	2.50	-	46.27	36.74	7.86	34.82
PK	12.17948G	55.36	74.00	-18.64	14.06	3	Vertical	360	1.94	-	41.30	39.08	9.62	34.64

802.11n HT20_Nss2,(MCS0)_2TX

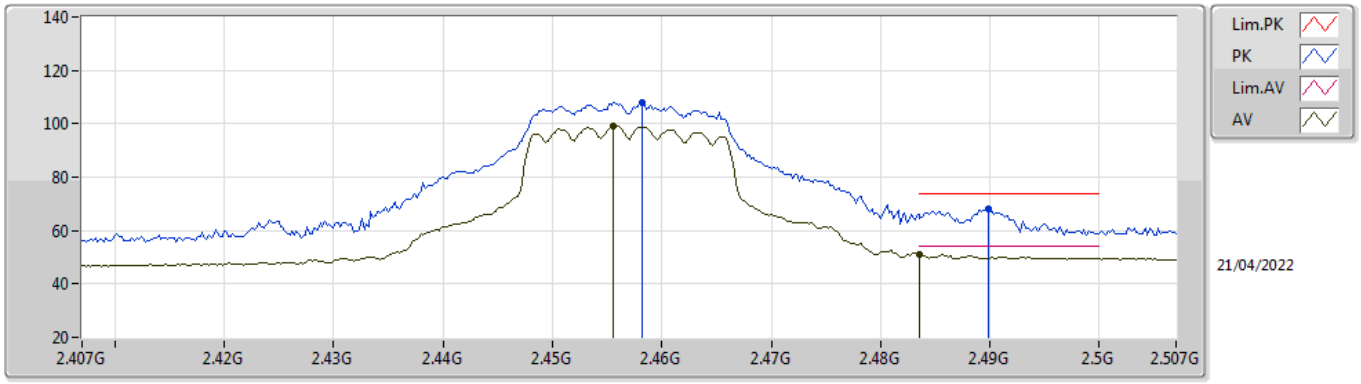
2437MHz_TX



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	41.86	54.00	-12.14	4.60	3	Horizontal	330	2.83	-	37.26	32.68	6.71	34.79
AV	7.31388G	46.52	54.00	-7.48	9.77	3	Horizontal	12	1.22	-	36.75	36.72	7.87	34.82
AV	12.185G	45.56	54.00	-8.44	14.08	3	Horizontal	2	1.01	-	31.48	39.09	9.63	34.64
PK	4.87272G	53.65	74.00	-20.35	4.61	3	Horizontal	330	2.83	-	49.04	32.69	6.71	34.79
PK	7.31628G	57.82	74.00	-16.18	9.75	3	Horizontal	12	1.22	-	48.07	36.70	7.87	34.82
PK	12.18292G	57.44	74.00	-16.56	14.07	3	Horizontal	2	1.01	-	43.37	39.08	9.63	34.64

802.11n HT20_Nss2,(MCS0)_2TX

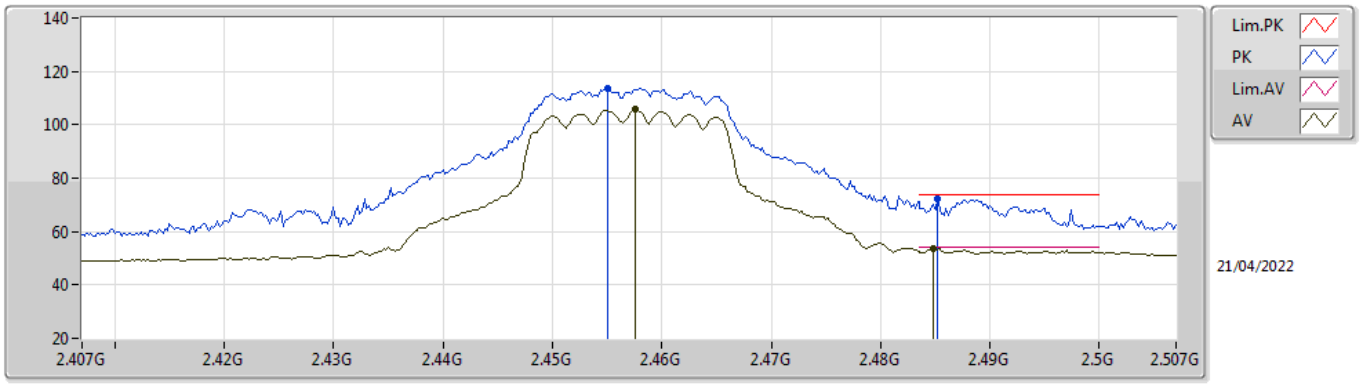
2457MHz_TX



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	2.4556G	99.16	Inf	-Inf	32.23	3	Vertical	314	2.06	-	66.93	27.63	4.60	-
AV	2.4835G	51.23	54.00	-2.77	32.41	3	Vertical	314	2.06	-	18.82	27.80	4.61	-
PK	2.4582G	107.89	Inf	-Inf	32.25	3	Vertical	314	2.06	-	75.64	27.65	4.60	-
PK	2.4898G	67.97	74.00	-6.03	32.46	3	Vertical	314	2.06	-	35.51	27.84	4.62	-

802.11n HT20_Nss2,(MCS0)_2TX

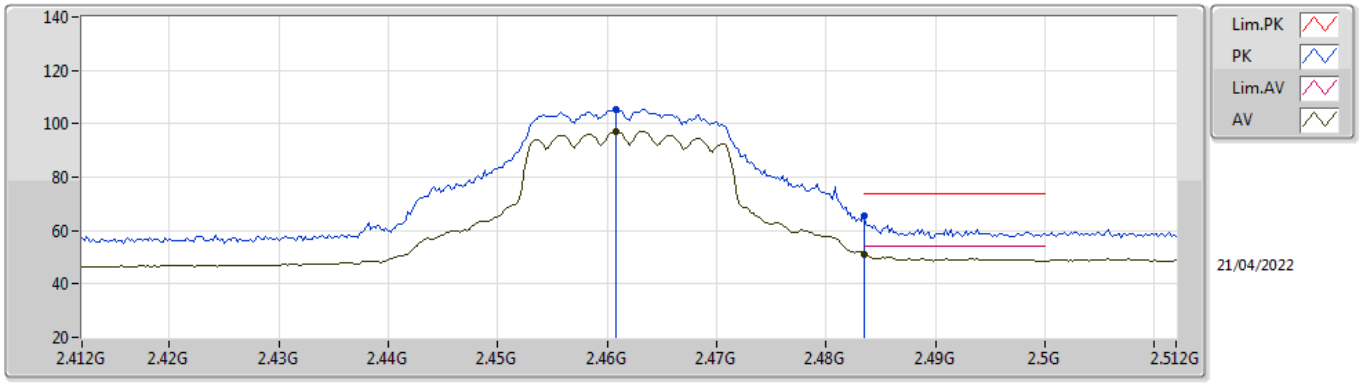
2457MHz_TX



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	2.4576G	105.69	Inf	-Inf	32.25	3	Horizontal	282	1.34	-	73.44	27.65	4.60	-
AV	2.4848G	53.64	54.00	-0.36	32.42	3	Horizontal	282	1.34	-	21.22	27.81	4.61	-
PK	2.455G	113.48	Inf	-Inf	32.23	3	Horizontal	282	1.34	-	81.25	27.63	4.60	-
PK	2.4852G	72.13	74.00	-1.87	32.42	3	Horizontal	282	1.34	-	39.71	27.81	4.61	-

802.11n HT20_Nss2,(MCS0)_2TX

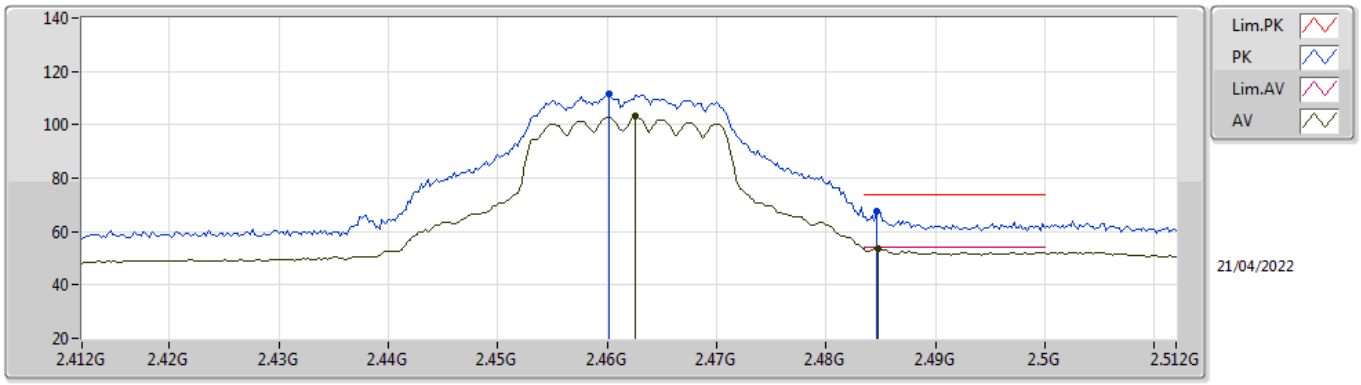
2462MHz_TX



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	2.4608G	97.09	Inf	-Inf	32.26	3	Vertical	315	1.96	-	64.83	27.66	4.60	-
AV	2.4835G	51.29	54.00	-2.71	32.41	3	Vertical	315	1.96	-	18.88	27.80	4.61	-
PK	2.4608G	105.44	Inf	-Inf	32.26	3	Vertical	315	1.96	-	73.18	27.66	4.60	-
PK	2.4835G	65.45	74.00	-8.55	32.41	3	Vertical	315	1.96	-	33.04	27.80	4.61	-

802.11n HT20_Nss2,(MCS0)_2TX

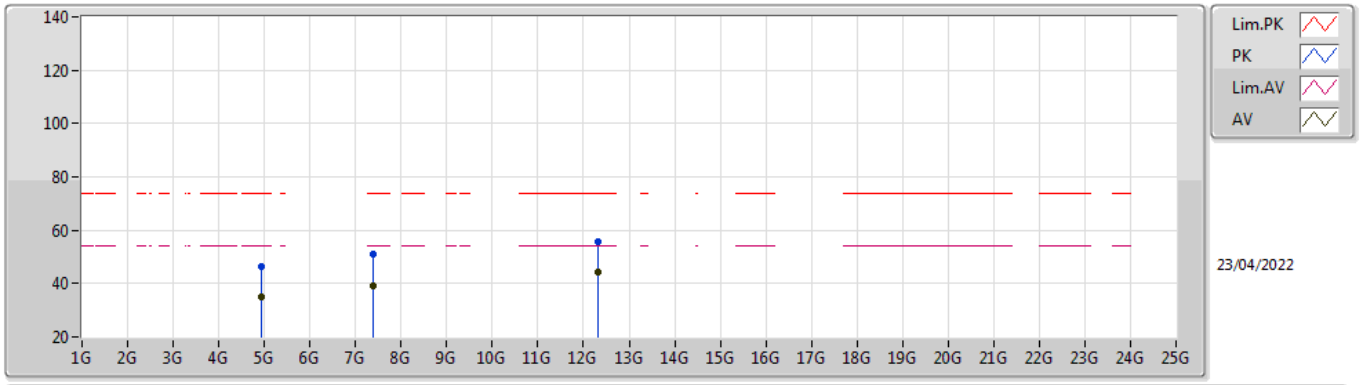
2462MHz_TX



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	2.4626G	103.06	Inf	-Inf	32.29	3	Horizontal	282	1.37	-	70.77	27.68	4.61	-
AV	2.4848G	53.63	54.00	-0.37	32.42	3	Horizontal	282	1.37	-	21.21	27.81	4.61	-
PK	2.4602G	111.32	Inf	-Inf	32.26	3	Horizontal	282	1.37	-	79.06	27.66	4.60	-
PK	2.4846G	67.83	74.00	-6.17	32.42	3	Horizontal	282	1.37	-	35.41	27.81	4.61	-

802.11n HT20_Nss2,(MCS0)_2TX

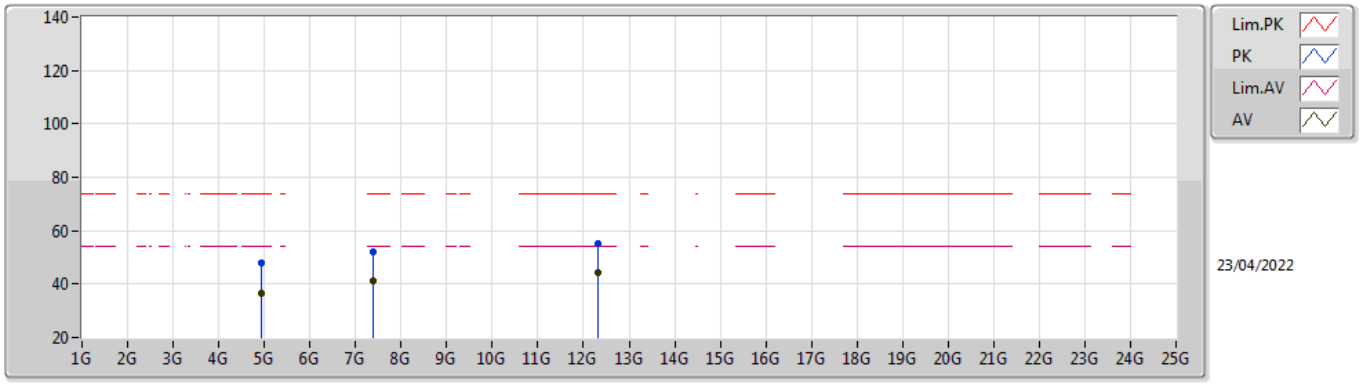
2462MHz_TX



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	4.92351G	35.11	54.00	-18.89	4.86	3	Vertical	85	2.43	-	30.25	32.89	6.75	34.78
AV	7.38506G	39.23	54.00	-14.77	9.48	3	Vertical	293	1.06	-	29.75	36.36	7.95	34.83
AV	12.30518G	44.36	54.00	-9.64	14.03	3	Vertical	300	2.14	-	30.33	38.90	9.69	34.56
PK	4.92226G	46.46	74.00	-27.54	4.86	3	Vertical	85	2.43	-	41.60	32.89	6.75	34.78
PK	7.38826G	50.78	74.00	-23.22	9.48	3	Vertical	293	1.06	-	41.30	36.35	7.96	34.83
PK	12.30796G	55.85	74.00	-18.15	14.03	3	Vertical	300	2.14	-	41.82	38.90	9.69	34.56

802.11n HT20_Nss2,(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	4.9198G	36.30	54.00	-17.70	4.85	3	Horizontal	341	1.00	-	31.45	32.88	6.75	34.78
AV	7.38676G	40.99	54.00	-13.01	9.47	3	Horizontal	15	1.50	-	31.52	36.35	7.95	34.83
AV	12.30928G	44.46	54.00	-9.54	14.03	3	Horizontal	152	1.71	-	30.43	38.90	9.69	34.56
PK	4.926G	47.82	74.00	-26.18	4.87	3	Horizontal	341	1.00	-	42.95	32.90	6.75	34.78
PK	7.38416G	51.88	74.00	-22.12	9.48	3	Horizontal	15	1.50	-	42.40	36.36	7.95	34.83
PK	12.31652G	55.23	74.00	-18.77	14.04	3	Horizontal	152	1.71	-	41.19	38.90	9.69	34.55

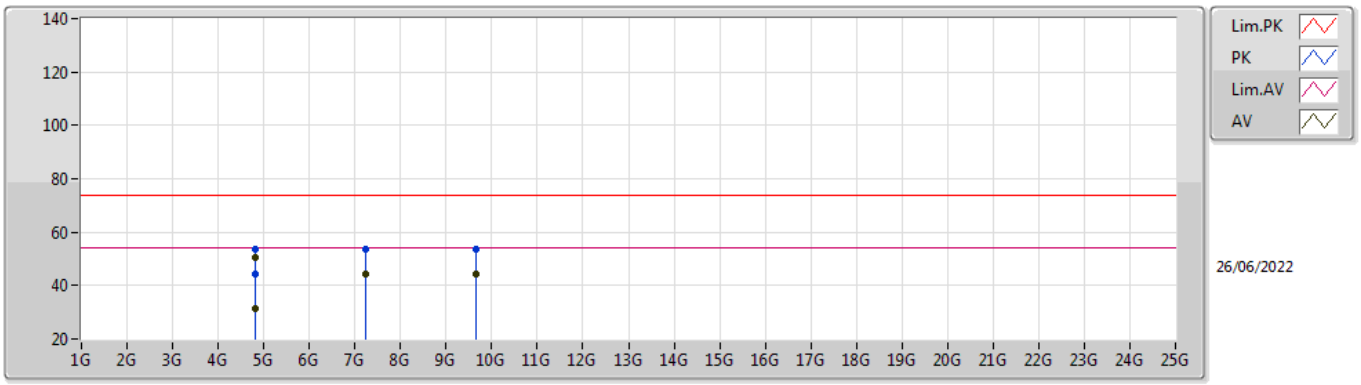
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.82397G	52.37	54.00	-1.63	Horizontal
Mode 2	Pass	AV	11.4877G	49.05	54.00	-4.95	Vertical

Result

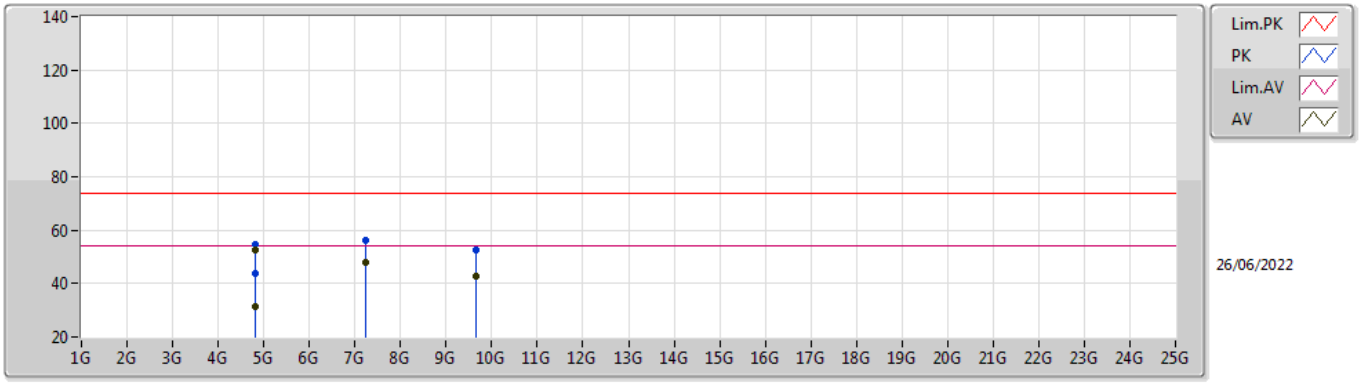
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.79973G	31.20	54.00	-22.80	3	Vertical	134	1.50	-
Mode 1	Pass	AV	4.8239G	50.69	54.00	-3.31	3	Vertical	295	1.33	-
Mode 1	Pass	AV	7.23668G	44.13	54.00	-9.87	3	Vertical	267	1.27	-
Mode 1	Pass	AV	9.64786G	44.43	54.00	-9.57	3	Vertical	151	1.06	-
Mode 1	Pass	PK	4.80869G	44.18	74.00	-29.82	3	Vertical	134	1.50	-
Mode 1	Pass	PK	4.8239G	53.46	74.00	-20.54	3	Vertical	295	1.33	-
Mode 1	Pass	PK	7.23696G	53.67	74.00	-20.33	3	Vertical	267	1.27	-
Mode 1	Pass	PK	9.64794G	53.56	74.00	-20.44	3	Vertical	151	1.06	-
Mode 1	Pass	AV	4.8016G	31.26	54.00	-22.74	3	Horizontal	195	1.50	-
Mode 1	Pass	AV	4.82397G	52.37	54.00	-1.63	3	Horizontal	185	2.26	-
Mode 1	Pass	AV	7.23504G	47.72	54.00	-6.28	3	Horizontal	39	2.00	-
Mode 1	Pass	AV	9.64794G	42.54	54.00	-11.46	3	Horizontal	14	1.01	-
Mode 1	Pass	PK	4.80549G	43.63	74.00	-30.37	3	Horizontal	195	1.50	-
Mode 1	Pass	PK	4.82403G	54.77	74.00	-19.23	3	Horizontal	185	2.26	-
Mode 1	Pass	PK	7.235G	56.24	74.00	-17.76	3	Horizontal	39	2.00	-
Mode 1	Pass	PK	9.64758G	52.81	74.00	-21.19	3	Horizontal	14	1.01	-
Mode 2	Pass	AV	4.79909G	42.13	54.00	-11.87	3	Vertical	214	1.30	-
Mode 2	Pass	PK	4.80147G	54.57	74.00	-19.43	3	Vertical	214	1.30	-
Mode 2	Pass	AV	17.2334G	47.17	68.20	-21.03	3	Vertical	190	2.00	-
Mode 2	Pass	PK	17.22582G	58.73	68.20	-9.47	3	Vertical	190	2.00	-
Mode 2	Pass	AV	11.4877G	49.05	54.00	-4.95	3	Vertical	185	1.20	-
Mode 2	Pass	PK	11.48251G	60.56	74.00	-13.44	3	Vertical	185	1.20	-
Mode 2	Pass	AV	4.79951G	42.14	54.00	-11.86	3	Horizontal	43	1.50	-
Mode 2	Pass	PK	4.8044G	54.80	74.00	-19.20	3	Horizontal	43	1.50	-
Mode 2	Pass	PK	11.49449G	61.39	74.00	-12.61	3	Horizontal	45	1.06	-
Mode 2	Pass	AV	11.492G	48.76	54.00	-5.24	3	Horizontal	45	1.06	-
Mode 2	Pass	AV	17.2358G	45.61	68.20	-22.59	3	Horizontal	0	1.16	-
Mode 2	Pass	PK	17.22472G	56.78	68.20	-11.42	3	Horizontal	0	1.16	-

Radiated Emissions above 1GHz_Mode 1



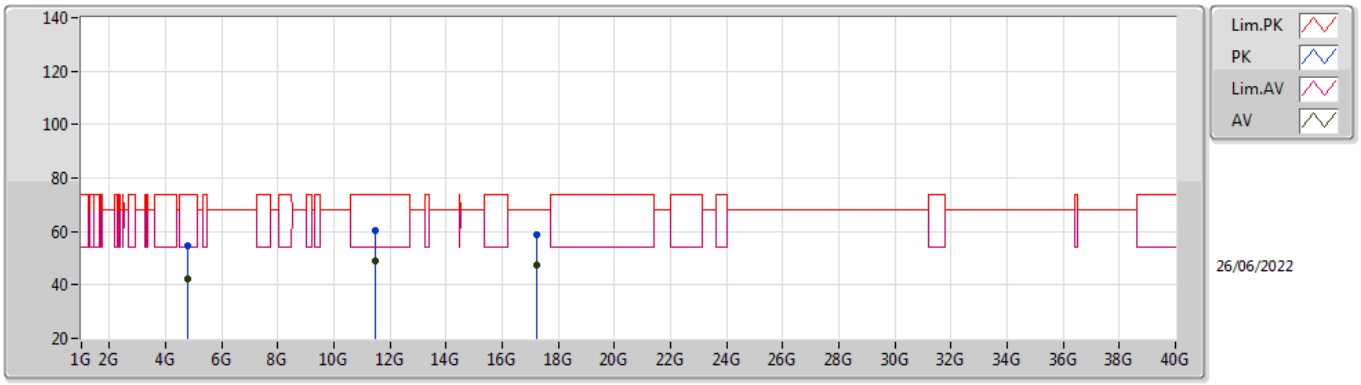
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.79973G	31.20	54.00	-22.80	4.31	3	Vertical	134	1.50	-	26.89	32.50	6.26	34.45
AV	4.8239G	50.69	54.00	-3.31	4.42	3	Vertical	295	1.33	-	46.27	32.60	6.27	34.45
AV	7.23668G	44.13	54.00	-9.87	10.25	3	Vertical	267	1.27	-	33.88	36.87	8.17	34.79
AV	9.64786G	44.43	54.00	-9.57	12.25	3	Vertical	151	1.06	-	32.18	38.40	9.07	35.22
PK	4.80869G	44.18	74.00	-29.82	4.35	3	Vertical	134	1.50	-	39.83	32.53	6.27	34.45
PK	4.8239G	53.46	74.00	-20.54	4.42	3	Vertical	295	1.33	-	49.04	32.60	6.27	34.45
PK	7.23696G	53.67	74.00	-20.33	10.25	3	Vertical	267	1.27	-	43.42	36.87	8.17	34.79
PK	9.64794G	53.56	74.00	-20.44	12.25	3	Vertical	151	1.06	-	41.31	38.40	9.07	35.22

Radiated Emissions above 1GHz_Mode 1



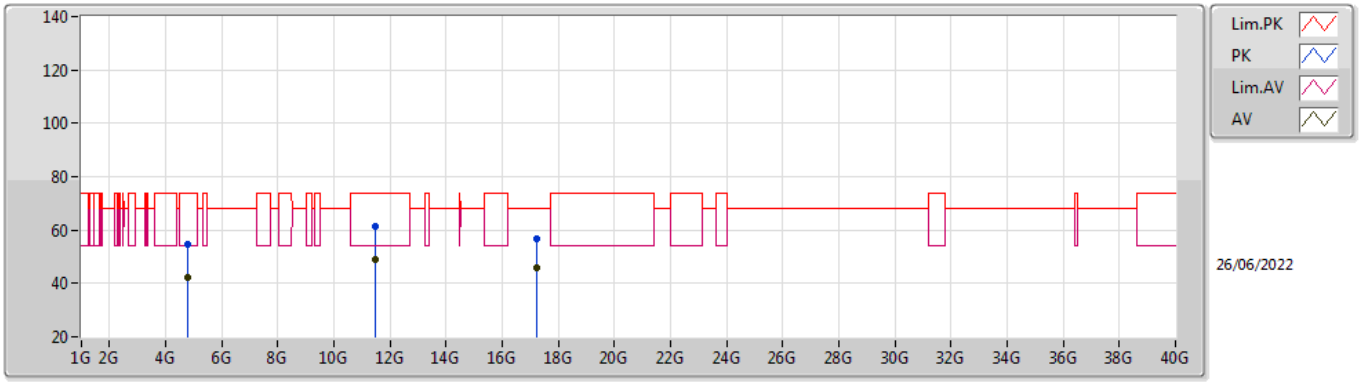
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8016G	31.26	54.00	-22.74	4.32	3	Horizontal	195	1.50	-	26.94	32.51	6.26	34.45
AV	4.82397G	52.37	54.00	-1.63	4.42	3	Horizontal	185	2.26	-	47.95	32.60	6.27	34.45
AV	7.23504G	47.72	54.00	-6.28	10.25	3	Horizontal	39	2.00	-	37.47	36.87	8.17	34.79
AV	9.64794G	42.54	54.00	-11.46	12.25	3	Horizontal	14	1.01	-	30.29	38.40	9.07	35.22
PK	4.80549G	43.63	74.00	-30.37	4.33	3	Horizontal	195	1.50	-	39.30	32.52	6.26	34.45
PK	4.82403G	54.77	74.00	-19.23	4.42	3	Horizontal	185	2.26	-	50.35	32.60	6.27	34.45
PK	7.235G	56.24	74.00	-17.76	10.25	3	Horizontal	39	2.00	-	45.99	36.87	8.17	34.79
PK	9.64758G	52.81	74.00	-21.19	12.25	3	Horizontal	14	1.01	-	40.56	38.40	9.07	35.22

Radiated Emissions above 1GHz_Mode 2



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	4.79909G	42.13	54.00	-11.87	4.30	3	Vertical	214	1.30	-	37.83	32.49	6.26	34.45
PK	4.80147G	54.57	74.00	-19.43	4.32	3	Vertical	214	1.30	-	50.25	32.51	6.26	34.45
AV	17.2334G	47.17	68.20	-21.03	16.72	3	Vertical	190	2.00	-	30.45	38.43	12.33	34.04
PK	17.22582G	58.73	68.20	-9.47	16.72	3	Vertical	190	2.00	-	42.01	38.43	12.33	34.04
AV	11.4877G	49.05	54.00	-4.95	14.95	3	Vertical	185	1.20	-	34.10	39.00	9.91	33.96
PK	11.48251G	60.56	74.00	-13.44	14.95	3	Vertical	185	1.20	-	45.61	39.00	9.91	33.96

Radiated Emissions above 1GHz_Mode 2



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	4.79951G	42.14	54.00	-11.86	4.31	3	Horizontal	43	1.50	-	37.83	32.50	6.26	34.45
PK	4.8044G	54.80	74.00	-19.20	4.33	3	Horizontal	43	1.50	-	50.47	32.52	6.26	34.45
PK	11.49449G	61.39	74.00	-12.61	14.96	3	Horizontal	45	1.06	-	46.43	39.00	9.91	33.95
AV	11.492G	48.76	54.00	-5.24	14.95	3	Horizontal	45	1.06	-	33.81	39.00	9.91	33.96
AV	17.2358G	45.61	68.20	-22.59	16.73	3	Horizontal	0	1.16	-	28.88	38.44	12.33	34.04
PK	17.22472G	56.78	68.20	-11.42	16.71	3	Horizontal	0	1.16	-	40.07	38.42	12.33	34.04