

FCC Radio Test Report

FCC ID : U4GJT22WB
Equipment : Mobile computer with barcode reader
Brand Name : Datalogic
Model Name : JOYA TOUCH 22
Applicant : Datalogic S.r.l.
Via S. Vitalino 13, Calderara di Reno, Italy
Manufacturer : Datalogic S.r.l.
Via S. Vitalino 13, Calderara di Reno, Italy
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 17, 2022, and testing was started from Mar. 17, 2022 and completed on Sep. 08, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



Summary of Test Result

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

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

Reviewed by: Ben Tseng

Report Producer: Amber Chiu

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]
2400-2483.5	n (HT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Antenna Technology	Connector	Support
1	Datalogic-USI	Joya Touch 22 main antenna	PIFA antenna	PCB dual band	N/A	2.4G+5G+BT
2	Datalogic-USI	Joya Touch 22 aux antenna	PIFA antenna	LDS dual band	N/A	2.4G+5G

Ant.	Port	Gain (dBi)					
		2.4G	BT	5G			
				U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	0.8	0.8	2.1	3.2	3.4	1.8
2	2	1.2	-	2.0	2.6	3.8	3.2

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

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

For 5GHz function:

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

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



1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT20_Nss1,(MCS0)_2TX	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11n HT40_Nss1,(MCS0)_2TX	0.948	0.23	930u	3k

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

1.1.5 Table for Multiple Listing

The model types in the following table are all refer to the identical product.

Model Name	Type	Description
JOYA TOUCH 22	Palm	Hand Held Variant, related to the variant with hand-held form factor
	Pistol	Gun variant, related to the variant with pistol grip form factor



1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
		TEL: 886-3-327-3456	FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Billy Wang	21.6~22.0°C / 59~60%	29/Mar/2022~30/Mar/2022
RF Conducted	TH06-HY	Johnny Yu	22.4~25.5°C / 53~59%	17/Mar/2022~02/Aug/2022
Radiated (Co-location)	03CH03-HY	Edward Wang	23~25°C / 54~60%	07/Sep/2022~08/Sep/2022
<input checked="" type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	22.1~25.3°C / 53~60%	09/Jun/2022~18/Jun/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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode




Test Software Version	Qdart_conn.win.1.0_installer_00076.1
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Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	19
2437MHz	19
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15.5
2437MHz	17.5
2462MHz	16
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	13
2437MHz	16.5
2462MHz	13.5
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	13
2437MHz	15.5
2452MHz	14

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA222441-02 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



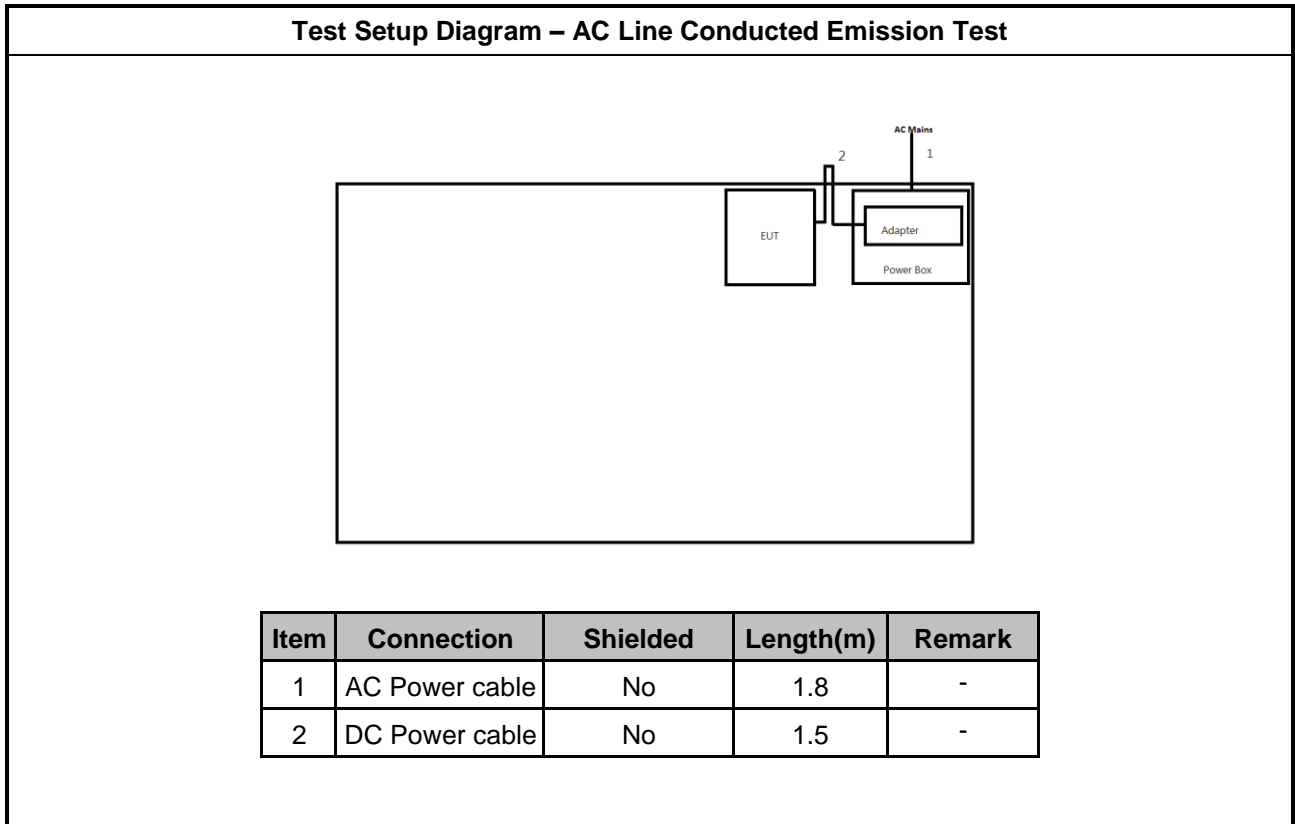
2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	Blron	BI24-050300-I	-	Provided by Customer

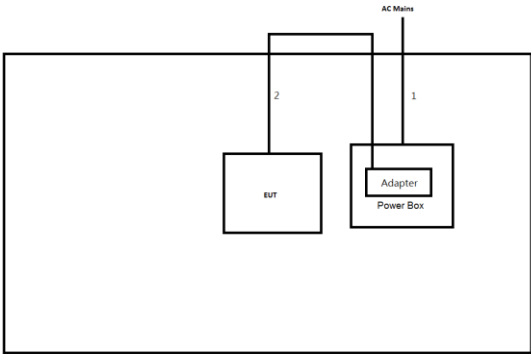
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	NB	HP	5220M	-	-
2	Adapter for NB	HP	PPP012L-E	-	-
3	Adapter	Apple	A1385	-	-
4	USB cable	-	-	-	Provided by Customer

2.4 Test Setup Diagram



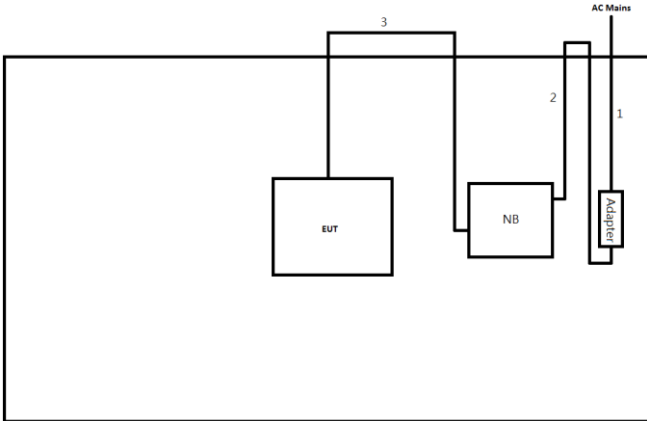
Test Setup Diagram - Radiated Test Adapter Mode



The diagram shows a test setup within a rectangular enclosure. On the right side, there is a box labeled 'Adapter Power Box'. A cable labeled '1' connects 'AC Mains' to the top of the 'Adapter Power Box'. On the left side, there is a box labeled 'EUT'. A cable labeled '2' connects the top of the 'EUT' to the top of the 'Adapter Power Box'.

Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	No	1.6	-

Test Setup Diagram - Radiated Test USB Mode



The diagram shows a test setup within a rectangular enclosure. On the right side, there is a box labeled 'Adapter'. A cable labeled '1' connects 'AC Mains' to the top of the 'Adapter'. In the center, there is a box labeled 'NB'. A cable labeled '2' connects the top of the 'NB' to the top of the 'Adapter'. On the left side, there is a box labeled 'EUT'. A cable labeled '3' connects the top of the 'EUT' to the top of the 'NB'.

Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	USB cable	No	1.6	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

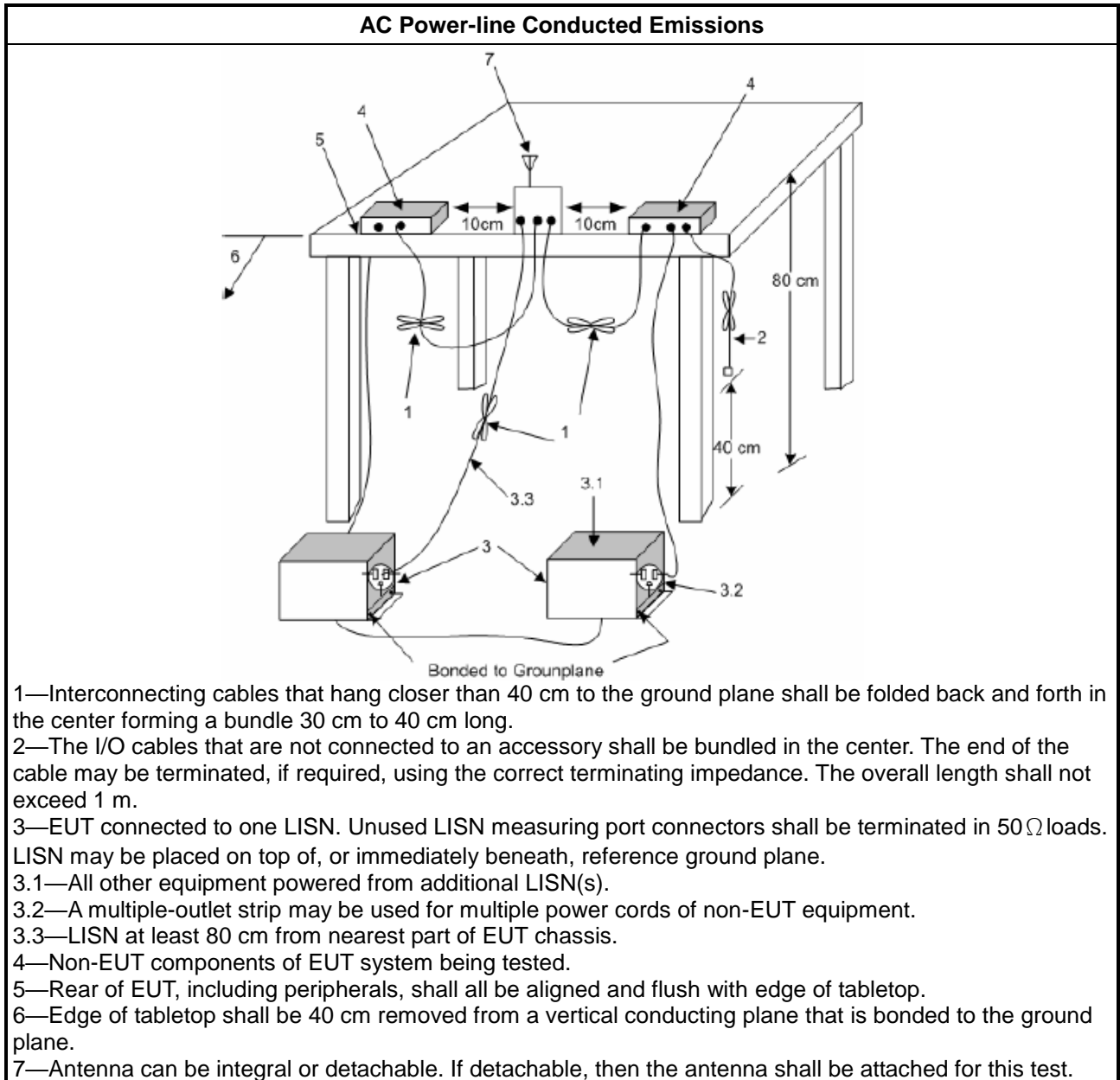
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

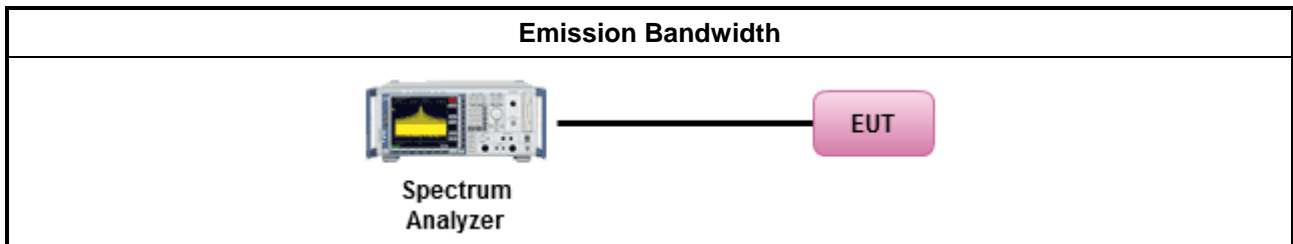
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/> Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
<p>P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

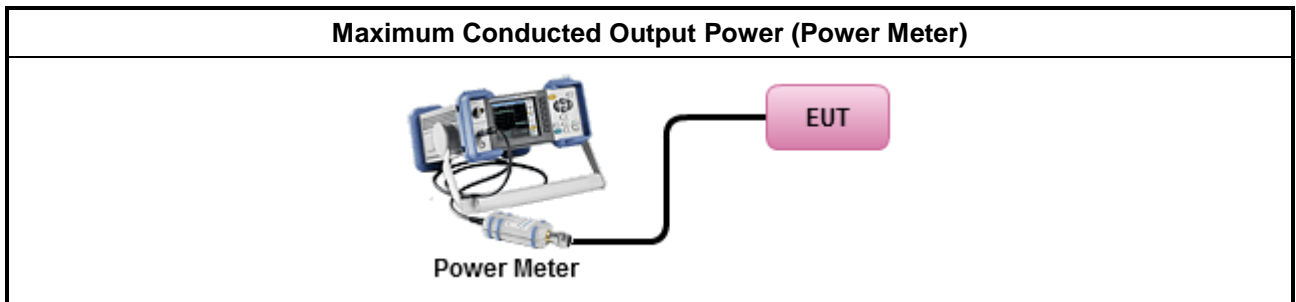
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

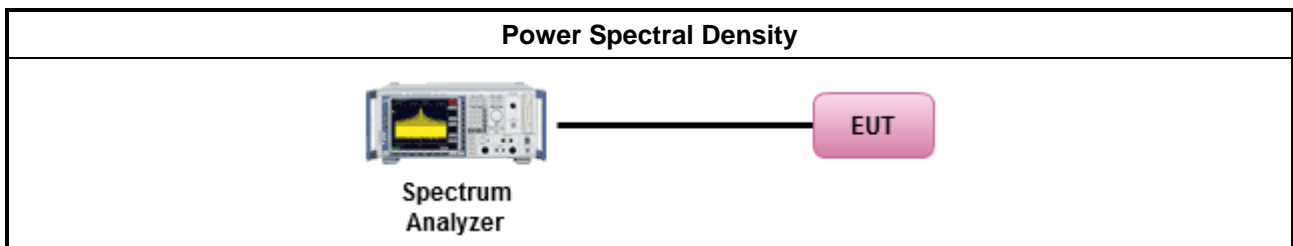
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
	<ul style="list-style-type: none"> Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
	<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.

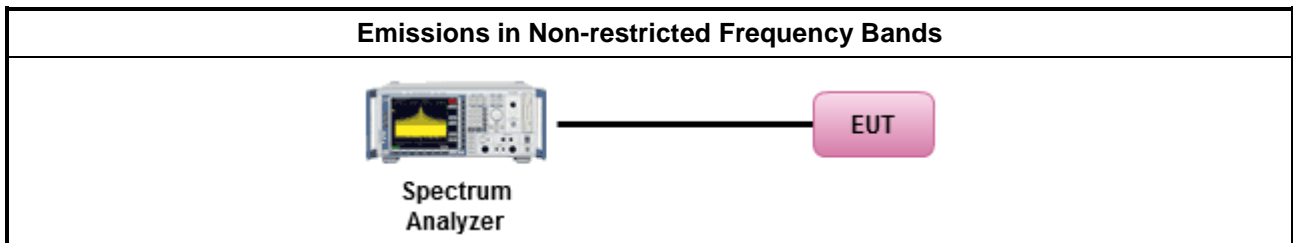
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

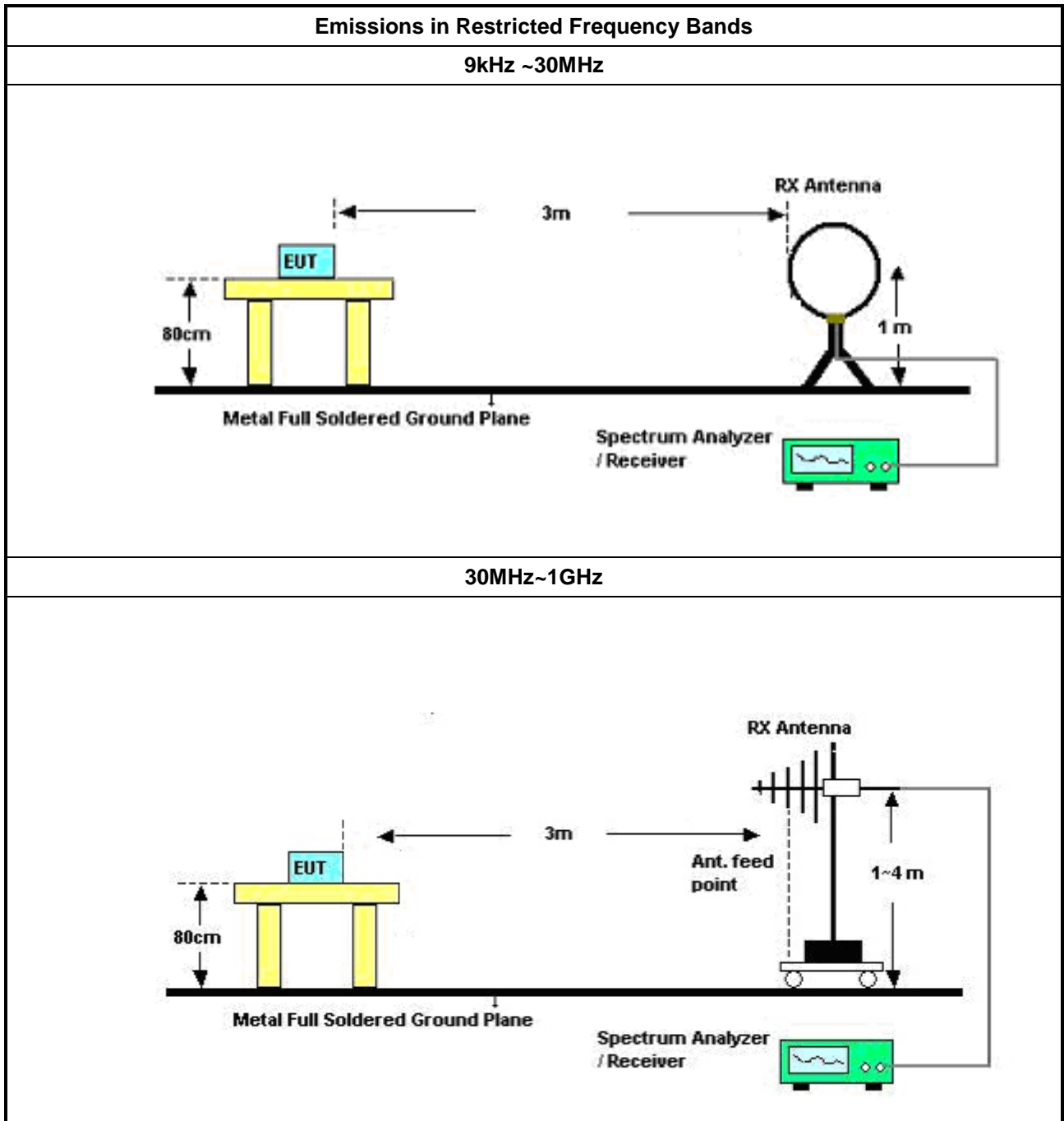
Test Method	
	<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor].
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> ▪ For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> ▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> ▪ Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> ▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> ▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> ▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> ▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	<ul style="list-style-type: none"> ▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

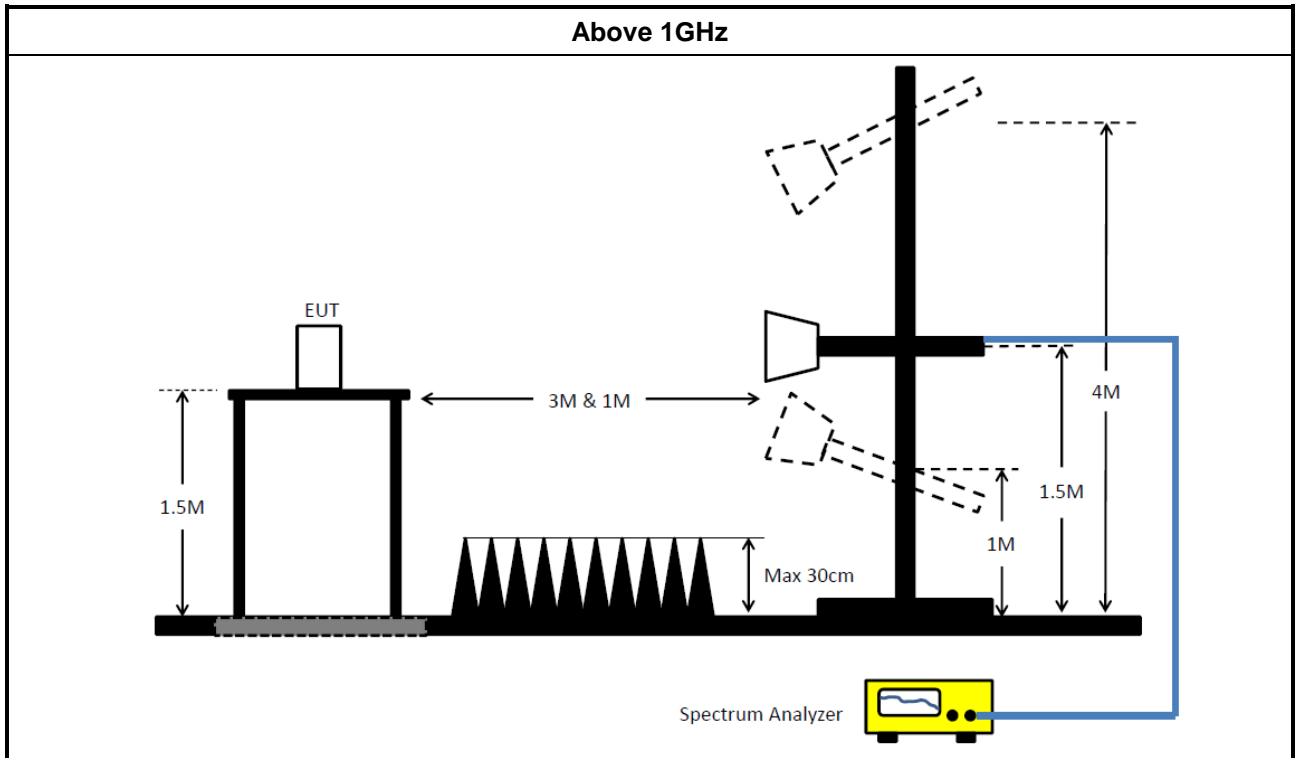
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	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	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
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	V5.10.8.1	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	02/Aug/2022	01/Aug/2023
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Microwave Preamplifier	Agilent	8449BA	3008A02326	1 GHz ~ 26.5 GHz	14/Jul/2022	13/Jul/2023
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	03CH03-cable-01	1GHz~40GHz	27/Jul/2022	26/Jul/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.6	NA	NA	NA	NA



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
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&MTJ6 102-05	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	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15247_DTS	Sporton	V5.10.7.17	N/A	N/A	N/A	N/A



Summary

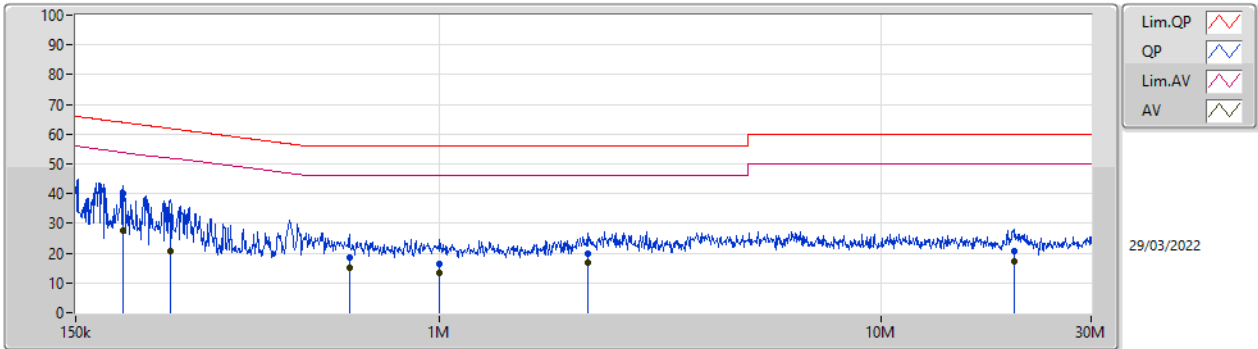
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	475.482k	27.55	46.42	-18.87	Neutral



Mode config

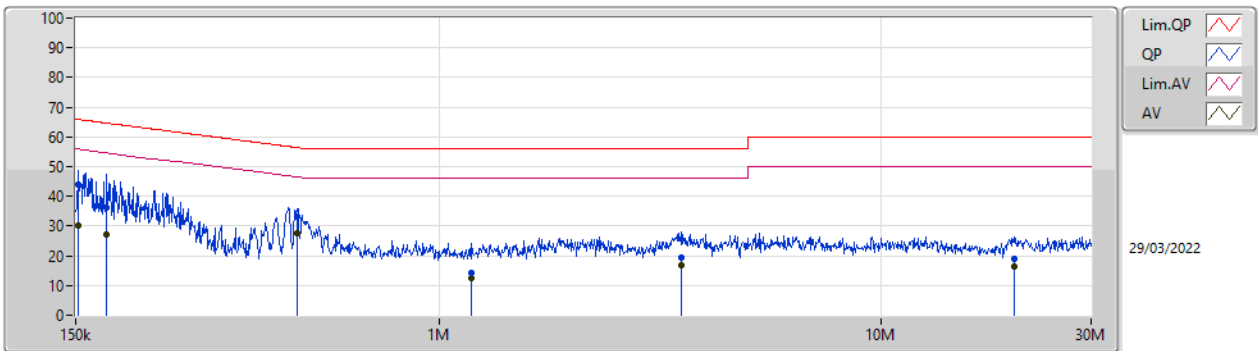
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	192.124k	39.96	63.93	-23.97	Line	-
Mode 1	Pass	AV	192.124k	27.69	53.93	-26.24	Line	-
Mode 1	Pass	QP	246.077k	32.46	61.89	-29.43	Line	-
Mode 1	Pass	AV	246.077k	20.54	51.89	-31.35	Line	-
Mode 1	Pass	QP	626.268k	18.33	56.00	-37.67	Line	-
Mode 1	Pass	AV	626.268k	15.25	46.00	-30.75	Line	-
Mode 1	Pass	QP	1.003M	16.22	56.00	-39.78	Line	-
Mode 1	Pass	AV	1.003M	13.55	46.00	-32.45	Line	-
Mode 1	Pass	QP	2.167M	19.76	56.00	-36.24	Line	-
Mode 1	Pass	AV	2.167M	16.76	46.00	-29.24	Line	-
Mode 1	Pass	QP	20.027M	20.88	60.00	-39.12	Line	-
Mode 1	Pass	AV	20.027M	17.36	50.00	-32.64	Line	-
Mode 1	Pass	QP	152.414k	43.98	65.87	-21.89	Neutral	-
Mode 1	Pass	AV	152.414k	30.00	55.87	-25.87	Neutral	-
Mode 1	Pass	QP	176.674k	36.30	64.64	-28.34	Neutral	-
Mode 1	Pass	AV	176.674k	27.04	54.64	-27.60	Neutral	-
Mode 1	Pass	QP	475.482k	32.98	56.42	-23.44	Neutral	-
Mode 1	Pass	AV	475.482k	27.55	46.42	-18.87	Neutral	-
Mode 1	Pass	QP	1.186M	14.02	56.00	-41.98	Neutral	-
Mode 1	Pass	AV	1.186M	12.67	46.00	-33.33	Neutral	-
Mode 1	Pass	QP	3.542M	19.27	56.00	-36.73	Neutral	-
Mode 1	Pass	AV	3.542M	16.60	46.00	-29.40	Neutral	-
Mode 1	Pass	QP	20.027M	19.11	60.00	-40.89	Neutral	-
Mode 1	Pass	AV	20.027M	16.58	50.00	-33.42	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	192.124k	39.96	63.93	-23.97	19.63	Line	-	20.33	9.69	0.03	9.91
AV	192.124k	27.69	53.93	-26.24	19.63	Line	-	8.06	9.69	0.03	9.91
QP	246.077k	32.46	61.89	-29.43	19.63	Line	-	12.83	9.69	0.03	9.91
AV	246.077k	20.54	51.89	-31.35	19.63	Line	-	0.91	9.69	0.03	9.91
QP	626.268k	18.33	56.00	-37.67	19.63	Line	-	-1.30	9.68	0.04	9.91
AV	626.268k	15.25	46.00	-30.75	19.63	Line	-	-4.38	9.68	0.04	9.91
QP	1.003M	16.22	56.00	-39.78	19.65	Line	-	-3.43	9.68	0.05	9.92
AV	1.003M	13.55	46.00	-32.45	19.65	Line	-	-6.10	9.68	0.05	9.92
QP	2.167M	19.76	56.00	-36.24	19.71	Line	-	0.05	9.70	0.09	9.92
AV	2.167M	16.76	46.00	-29.24	19.71	Line	-	-2.95	9.70	0.09	9.92
QP	20.027M	20.88	60.00	-39.12	19.99	Line	-	0.89	9.79	0.27	9.93
AV	20.027M	17.36	50.00	-32.64	19.99	Line	-	-2.63	9.79	0.27	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	152.414k	43.98	65.87	-21.89	19.67	Neutral	-	24.31	9.73	0.03	9.91
AV	152.414k	30.00	55.87	-25.87	19.67	Neutral	-	10.33	9.73	0.03	9.91
QP	176.674k	36.30	64.64	-28.34	19.66	Neutral	-	16.64	9.72	0.03	9.91
AV	176.674k	27.04	54.64	-27.60	19.66	Neutral	-	7.38	9.72	0.03	9.91
QP	475.482k	32.98	56.42	-23.44	19.67	Neutral	-	13.31	9.72	0.04	9.91
AV	475.482k	27.55	46.42	-18.87	19.67	Neutral	-	7.88	9.72	0.04	9.91
QP	1.186M	14.02	56.00	-41.98	19.71	Neutral	-	-5.69	9.73	0.06	9.92
AV	1.186M	12.67	46.00	-33.33	19.71	Neutral	-	-7.04	9.73	0.06	9.92
QP	3.542M	19.27	56.00	-36.73	19.80	Neutral	-	-0.53	9.76	0.12	9.92
AV	3.542M	16.60	46.00	-29.40	19.80	Neutral	-	-3.20	9.76	0.12	9.92
QP	20.027M	19.11	60.00	-40.89	20.19	Neutral	-	-1.08	9.99	0.27	9.93
AV	20.027M	16.58	50.00	-33.42	20.19	Neutral	-	-3.61	9.99	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	9.025M	14.268M	14M3G1D	8.475M	13.943M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.842M	16M9D1D	16.075M	16.717M
802.11n HT20_Nss1,(MCS0)_2TX	17.6M	17.966M	18M0D1D	17.325M	17.816M
802.11n HT40_Nss1,(MCS0)_2TX	36.35M	36.832M	36M9D1D	35.75M	36.432M

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	8.975M	14.118M	9.025M	14.018M
2437MHz	Pass	500k	9.025M	14.143M	8.5M	14.068M
2462MHz	Pass	500k	8.55M	13.943M	8.475M	14.268M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.767M	16.35M	16.717M
2437MHz	Pass	500k	16.325M	16.842M	16.325M	16.817M
2462MHz	Pass	500k	16.075M	16.767M	16.35M	16.742M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.841M	17.6M	17.916M
2437MHz	Pass	500k	17.575M	17.966M	17.575M	17.966M
2462MHz	Pass	500k	17.55M	17.941M	17.325M	17.816M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.35M	36.632M	36.35M	36.632M
2437MHz	Pass	500k	36.3M	36.782M	36.35M	36.832M
2452MHz	Pass	500k	35.75M	36.432M	35.75M	36.632M

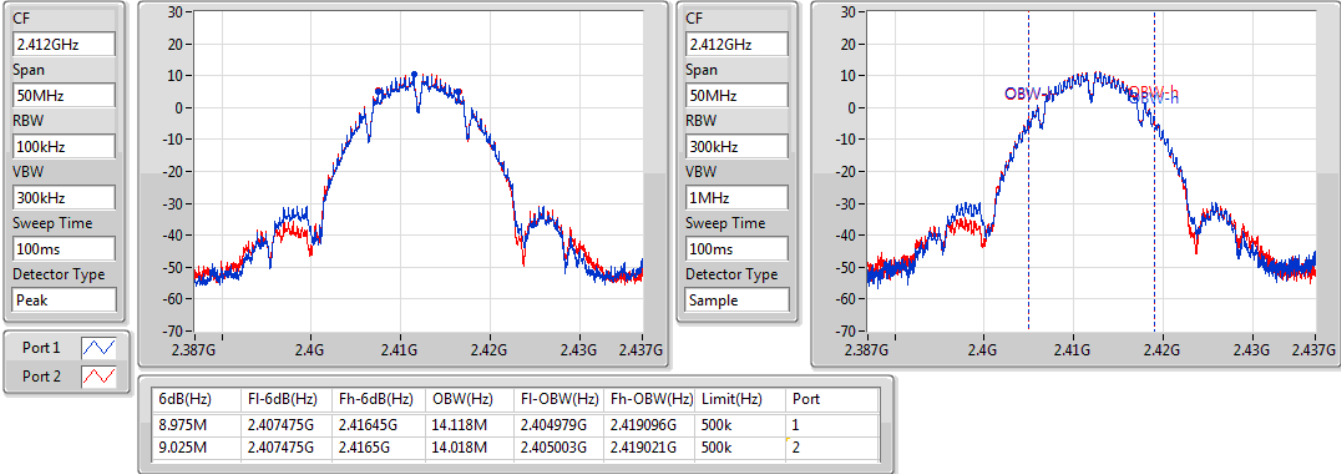
Port X-N dB = Port X 6dB down bandwidth;
 Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

12/07/2022

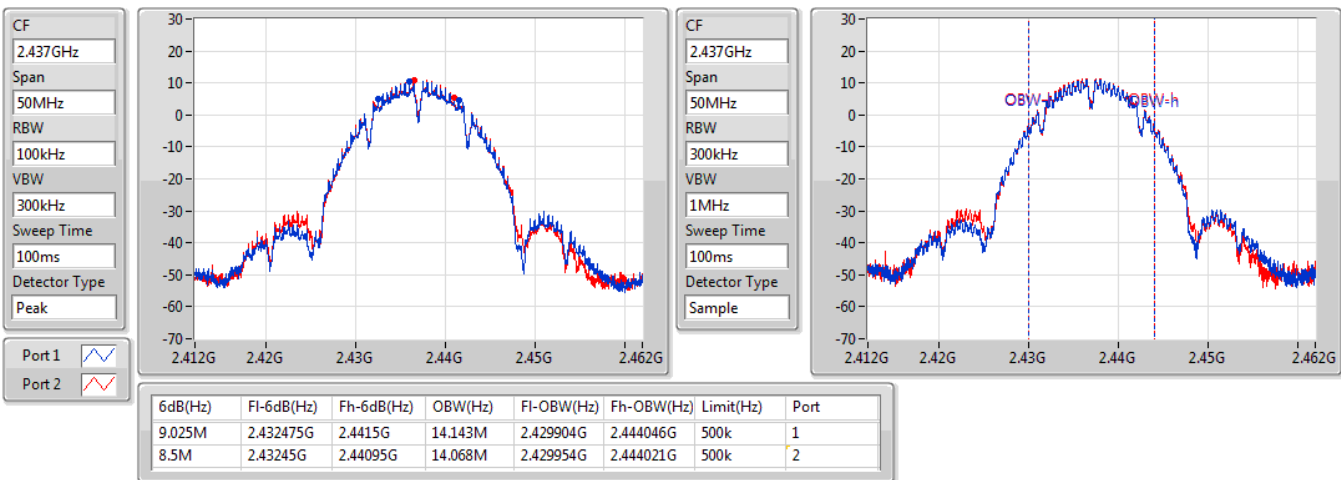


802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

18/06/2022

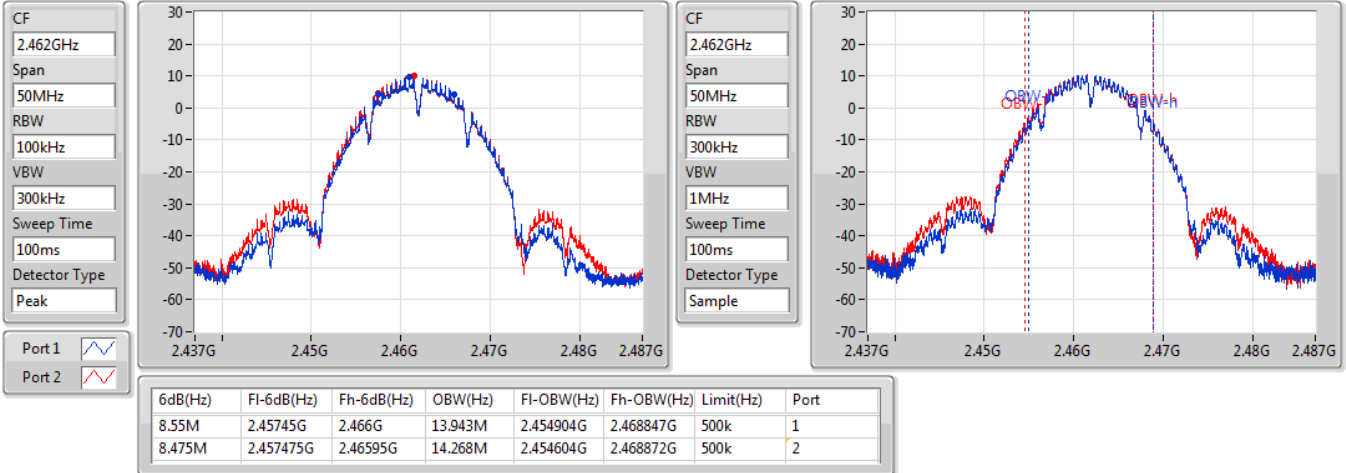


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

12/07/2022

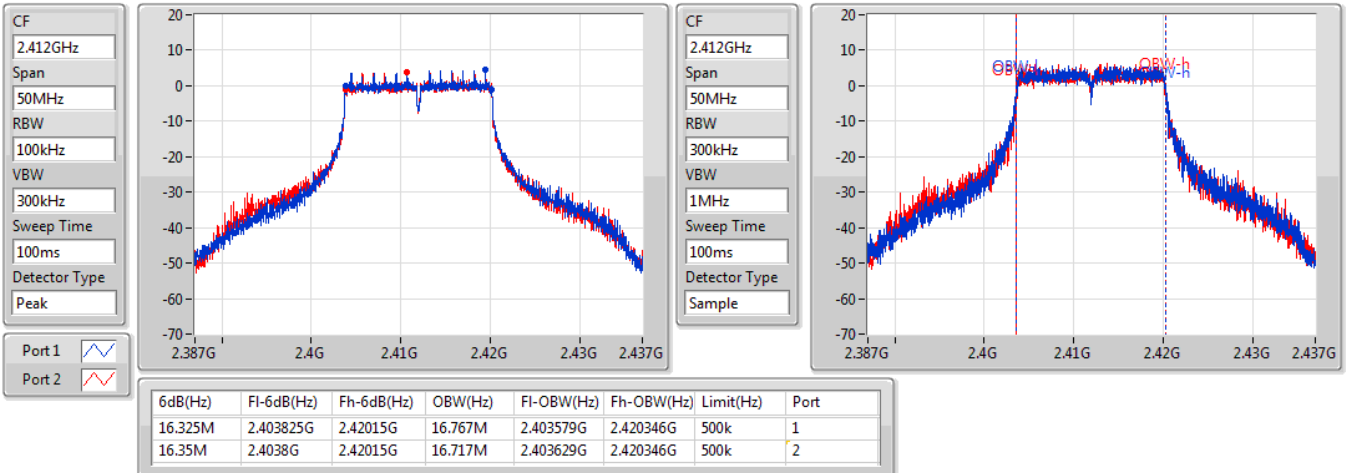


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

18/06/2022

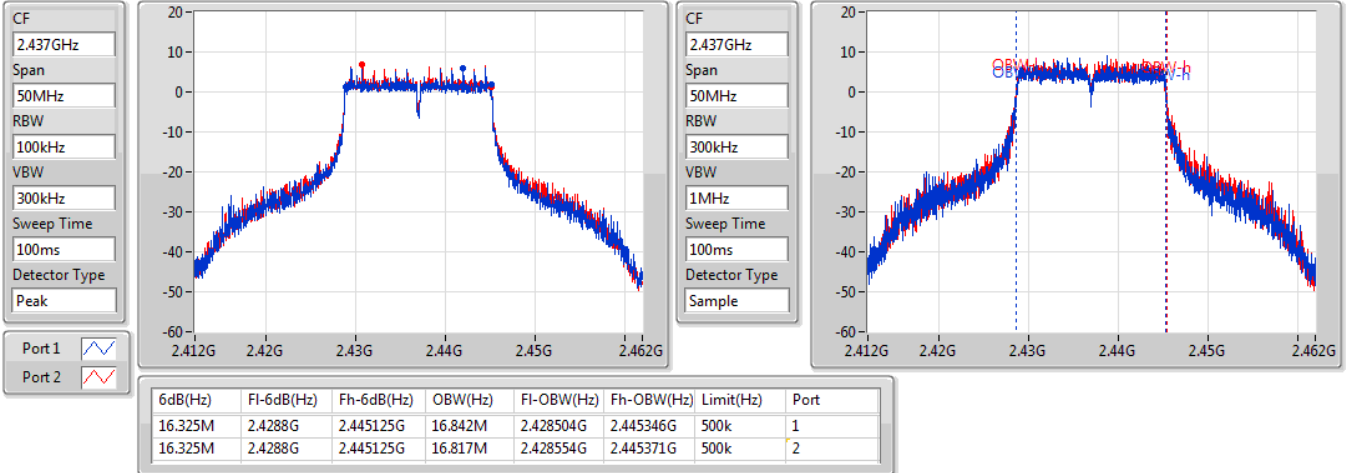


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

12/07/2022

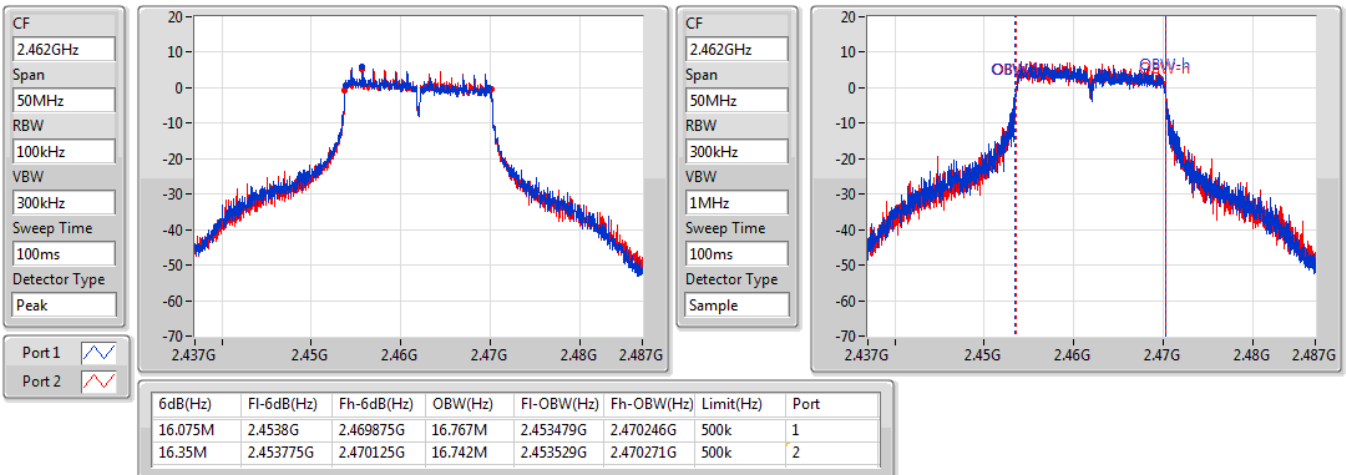


802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

18/06/2022

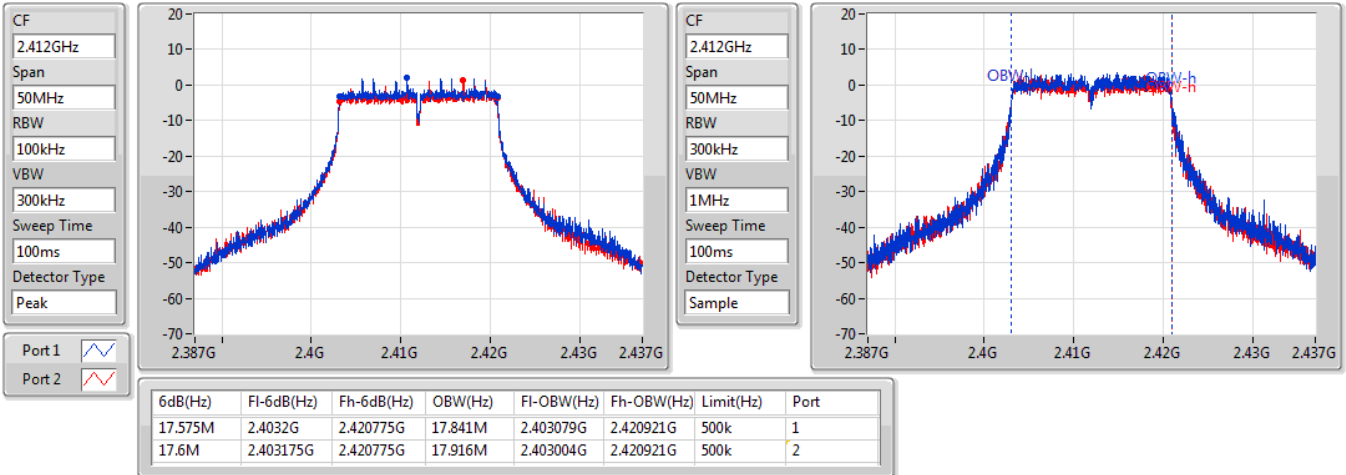


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

18/06/2022

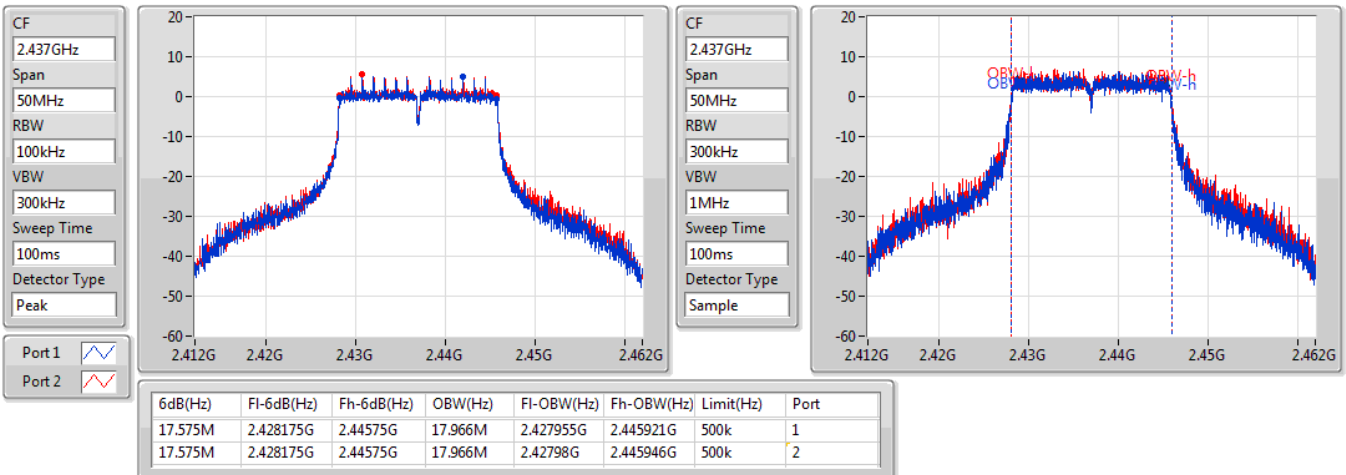


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/07/2022

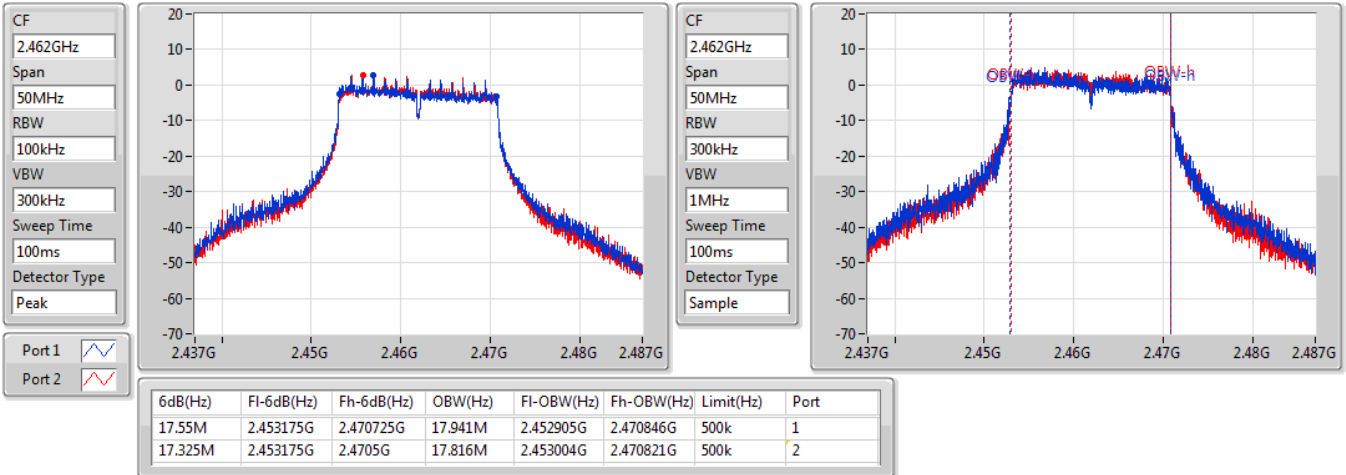


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

18/06/2022

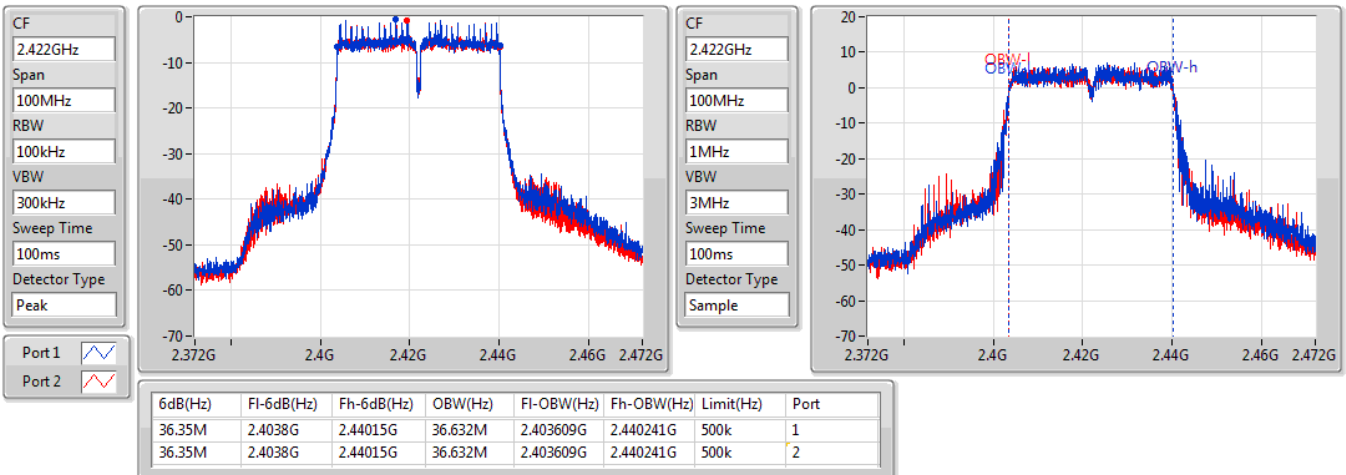


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

18/06/2022

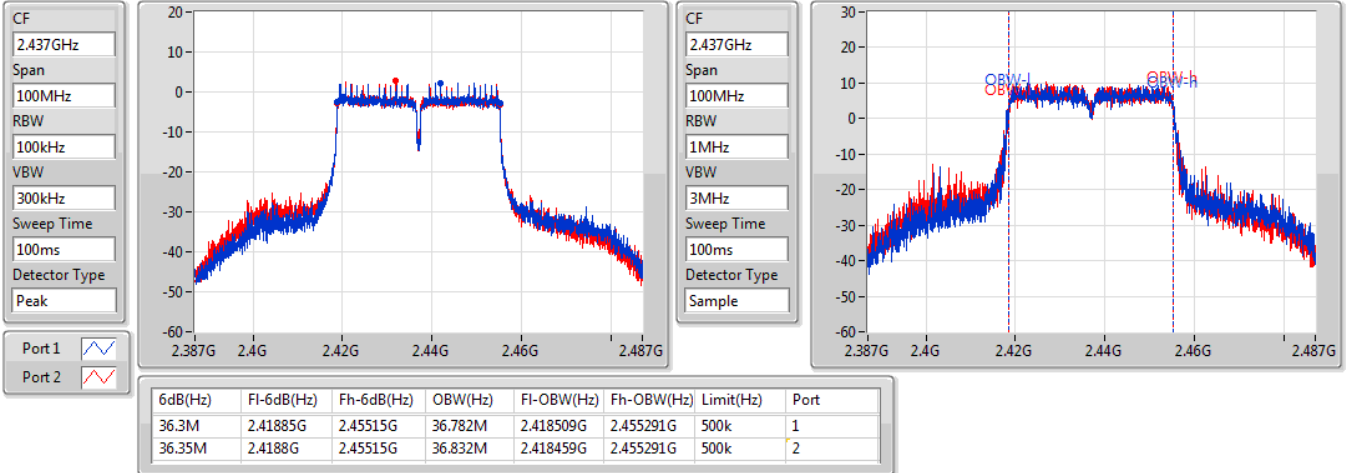


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

18/06/2022

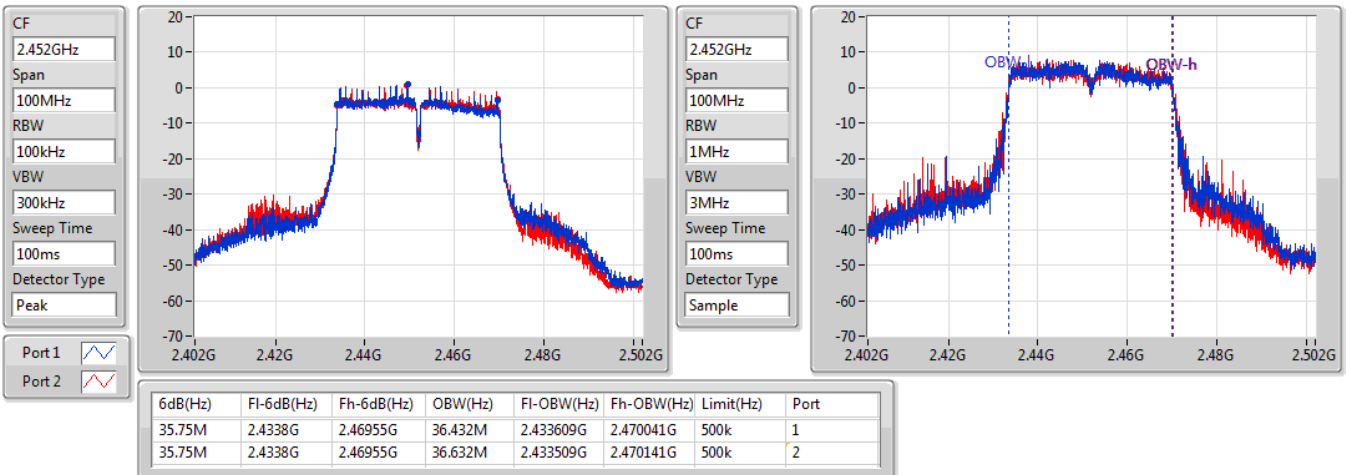


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

18/06/2022





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.18	0.16520
802.11g_Nss1,(6Mbps)_2TX	20.42	0.11015
802.11n HT20_Nss1,(MCS0)_2TX	19.48	0.08872
802.11n HT40_Nss1,(MCS0)_2TX	18.54	0.07145



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.20	18.79	19.22	22.02	30.00
2437MHz	Pass	1.20	19.01	19.32	22.18	30.00
2462MHz	Pass	1.20	18.19	18.37	21.29	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.20	15.54	15.48	18.52	30.00
2437MHz	Pass	1.20	17.35	17.47	20.42	30.00
2462MHz	Pass	1.20	16.08	16.11	19.11	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.20	13.30	12.46	15.91	30.00
2437MHz	Pass	1.20	16.30	16.64	19.48	30.00
2462MHz	Pass	1.20	13.59	13.73	16.67	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.20	13.09	12.86	15.99	30.00
2437MHz	Pass	1.20	15.52	15.54	18.54	30.00
2452MHz	Pass	1.20	14.21	14.24	17.24	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	-1.09
802.11g_Nss1,(6Mbps)_2TX	-5.59
802.11n HT20_Nss1,(MCS0)_2TX	-7.67
802.11n HT40_Nss1,(MCS0)_2TX	-11.12

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	4.21	-4.62	-3.65	-2.26	8.00
2437MHz	Pass	4.21	-3.47	-3.73	-1.09	8.00
2462MHz	Pass	4.21	-2.90	-5.46	-2.02	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.21	-9.50	-10.33	-8.61	8.00
2437MHz	Pass	4.21	-6.48	-8.22	-5.59	8.00
2462MHz	Pass	4.21	-9.31	-9.34	-7.88	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.21	-12.59	-13.20	-10.80	8.00
2437MHz	Pass	4.21	-9.67	-8.47	-7.67	8.00
2462MHz	Pass	4.21	-11.52	-12.02	-9.61	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.21	-15.58	-15.01	-12.74	8.00
2437MHz	Pass	4.21	-13.21	-13.35	-11.12	8.00
2452MHz	Pass	4.21	-13.89	-14.26	-12.55	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

12/07/2022

CF
2.412GHz

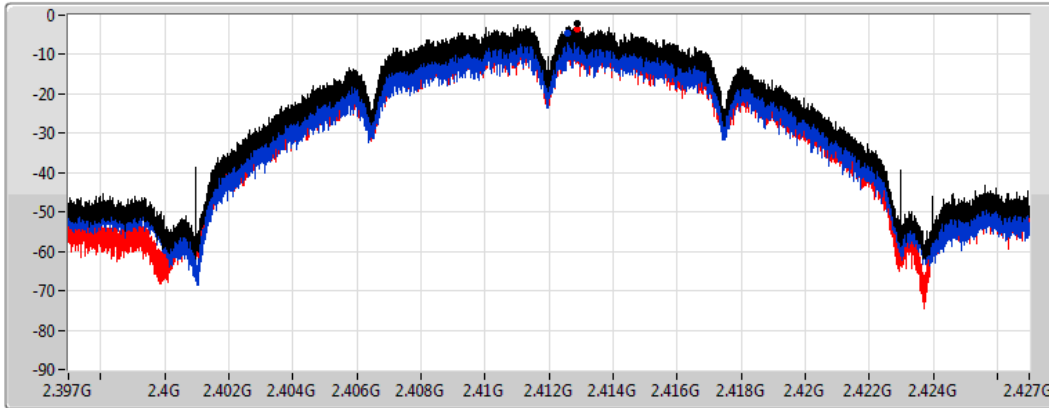
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.26	-2.26	-4.62	-3.65

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

18/06/2022

CF
2.437GHz

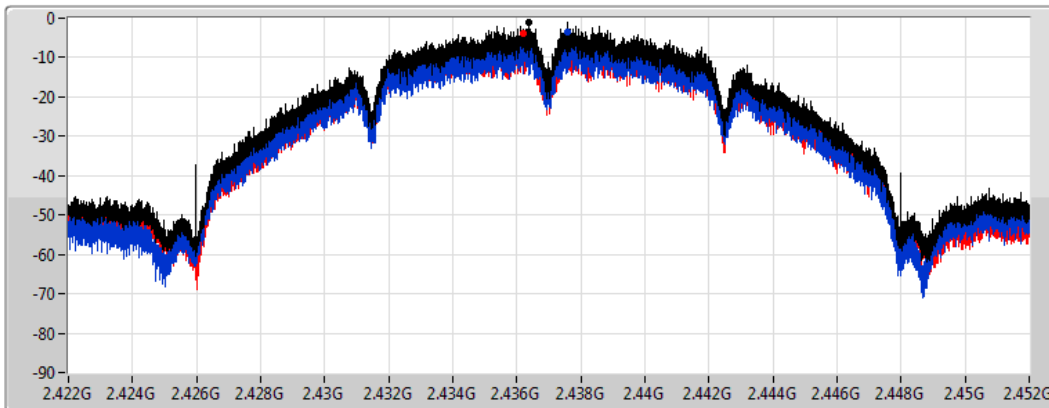
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-3.47	-3.73

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

12/07/2022

CF
2.462GHz

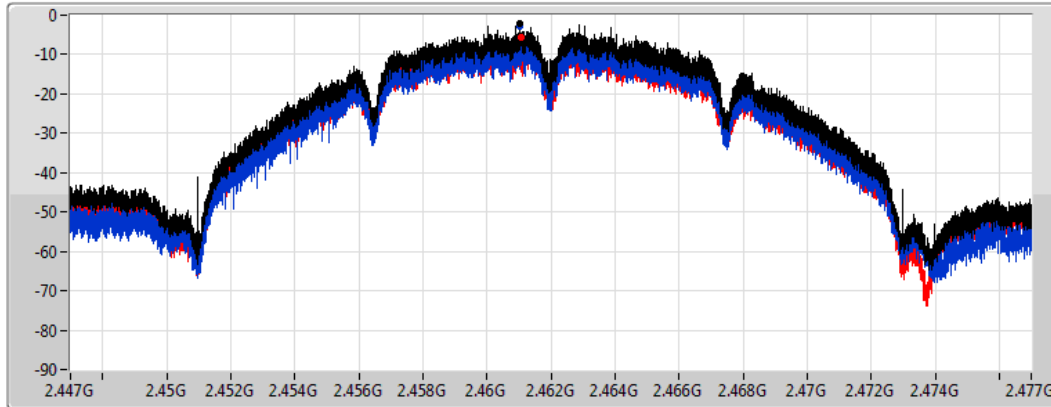
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.02	-2.02	-2.90	-5.46

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

18/06/2022

CF
2.412GHz

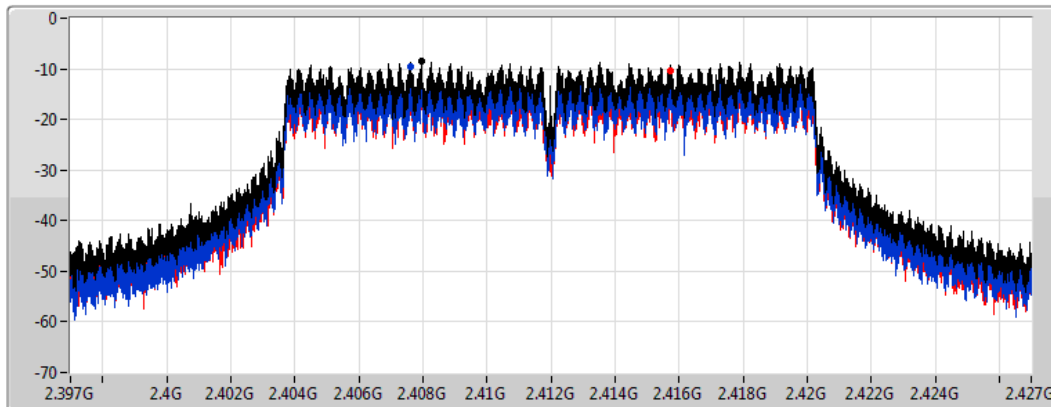
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.61	-8.61	-9.50	-10.33

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

12/07/2022

CF
2.437GHz

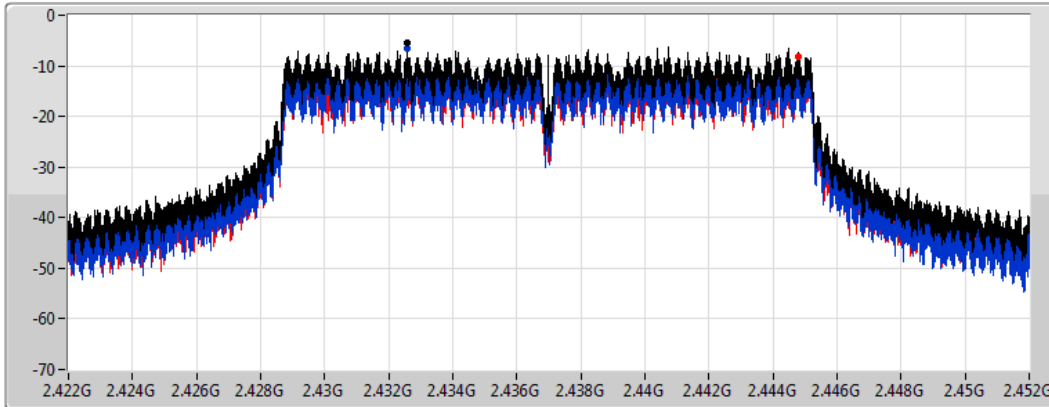
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.59	-5.59	-6.48	-8.22

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

18/06/2022

CF
2.462GHz

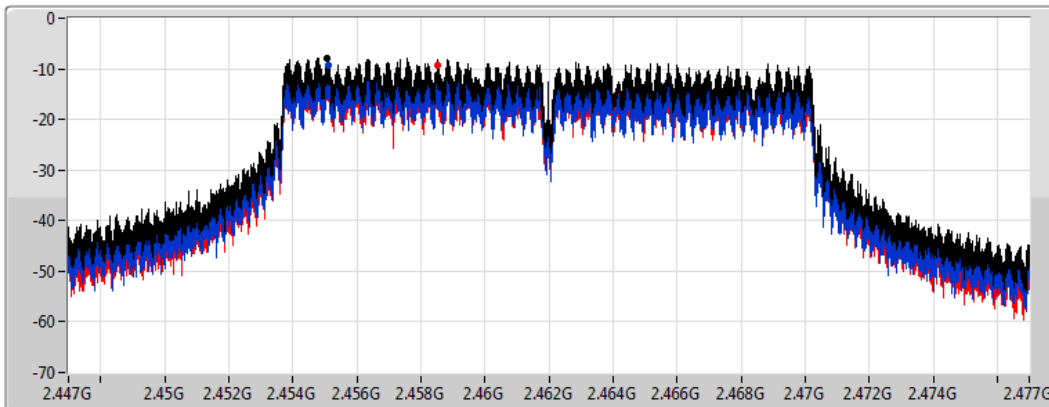
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

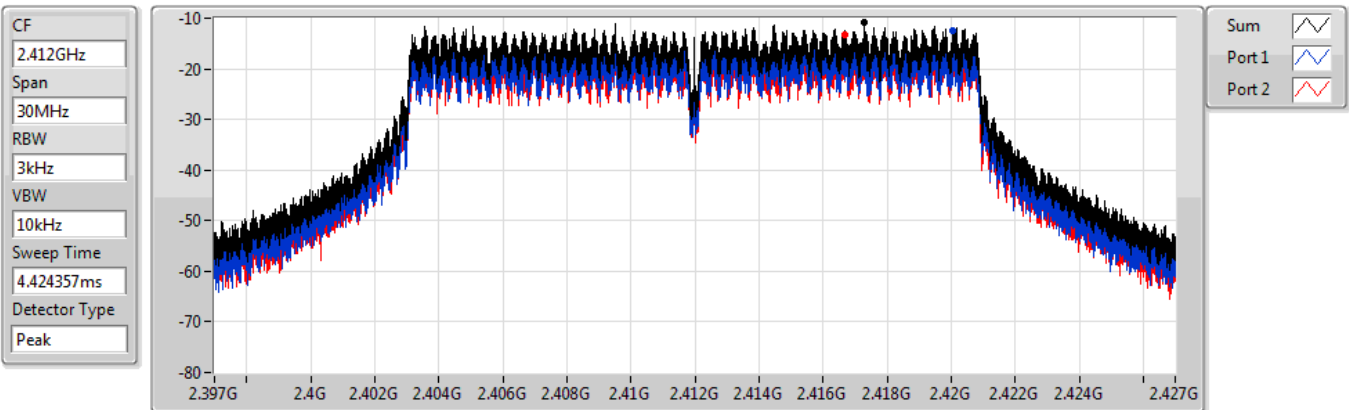
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.88	-7.88	-9.31	-9.34

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

18/06/2022



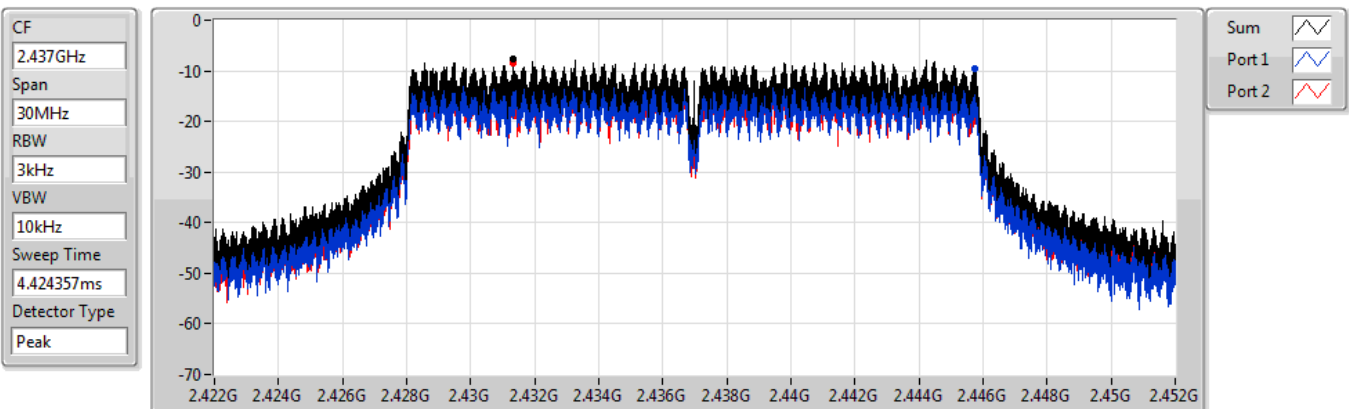
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.80	-10.80	-12.59	-13.20

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

12/07/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-9.67	-8.47

802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

18/06/2022

CF
2.462GHz

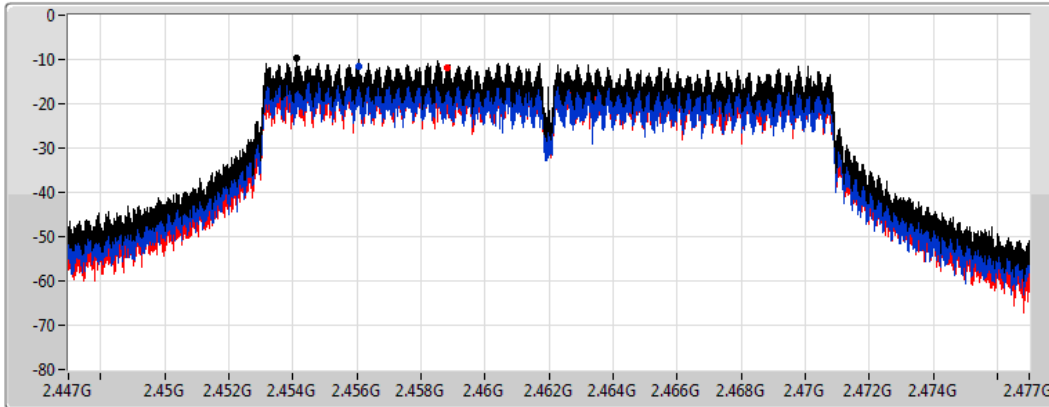
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.61	-9.61	-11.52	-12.02

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

18/06/2022

CF
2.422GHz

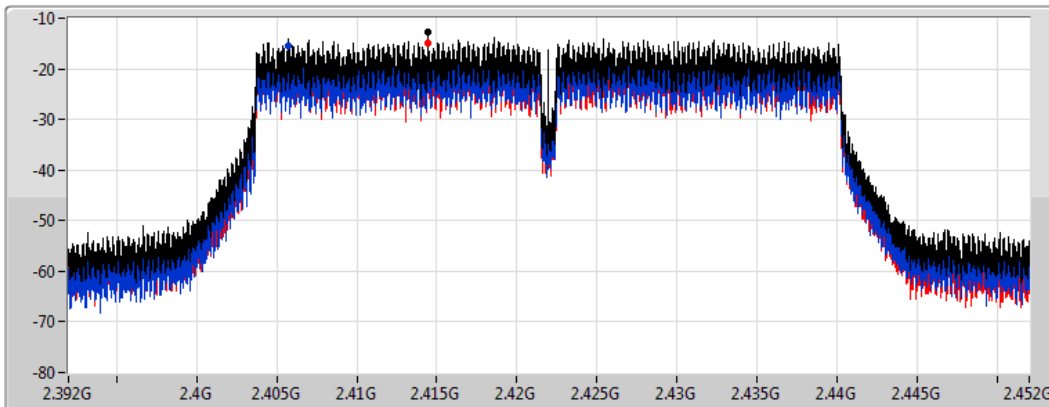
Span
60MHz


RBW
3kHz


VBW
10kHz


Sweep Time
8.848933ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

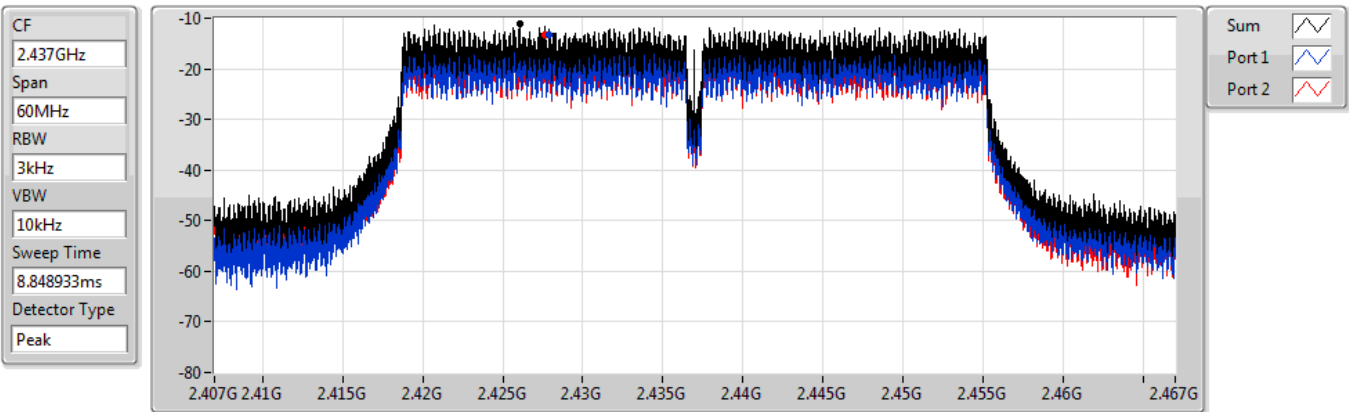
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.74	-12.74	-15.58	-15.01

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

18/06/2022



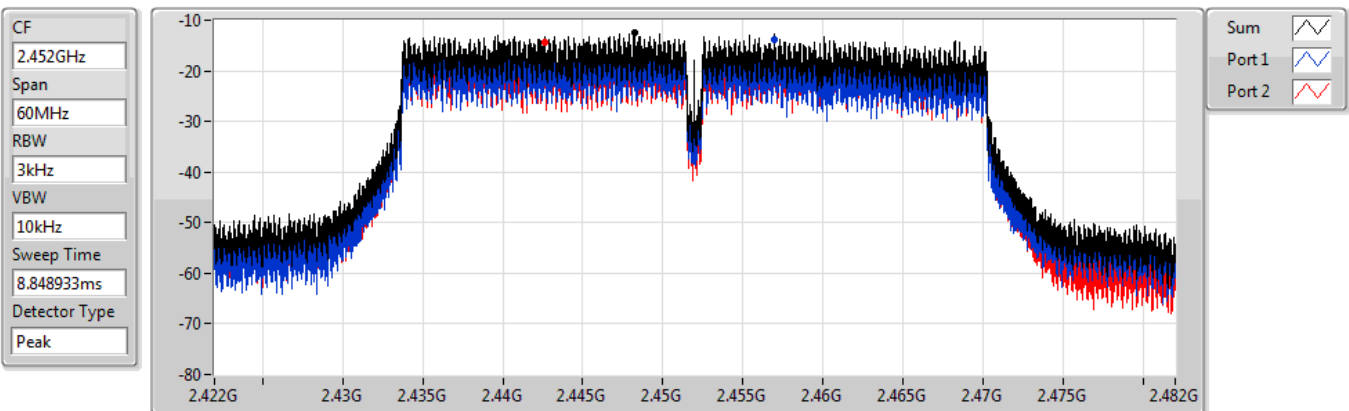
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.12	-11.12	-13.21	-13.35

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

18/06/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.55	-12.55	-13.89	-14.26

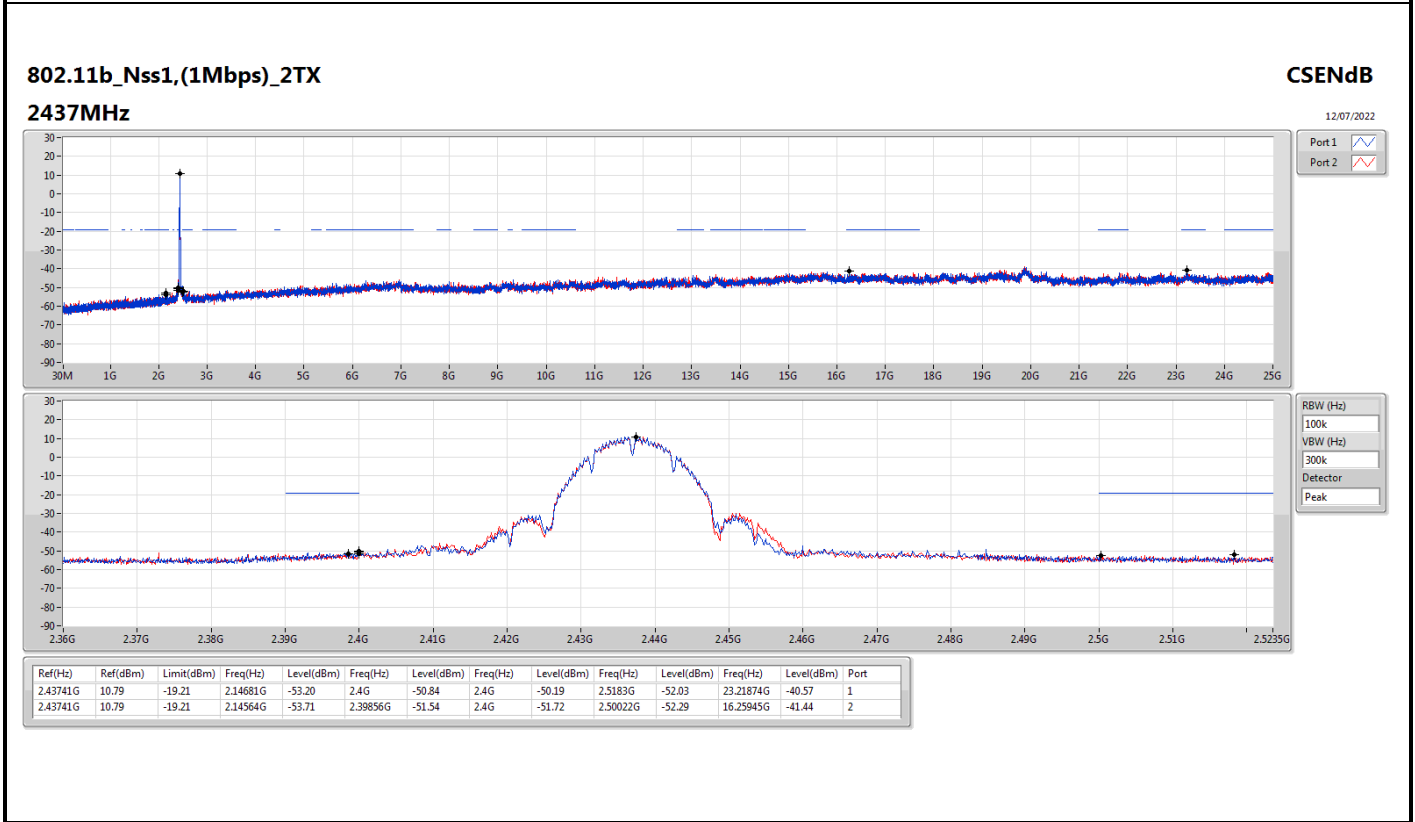
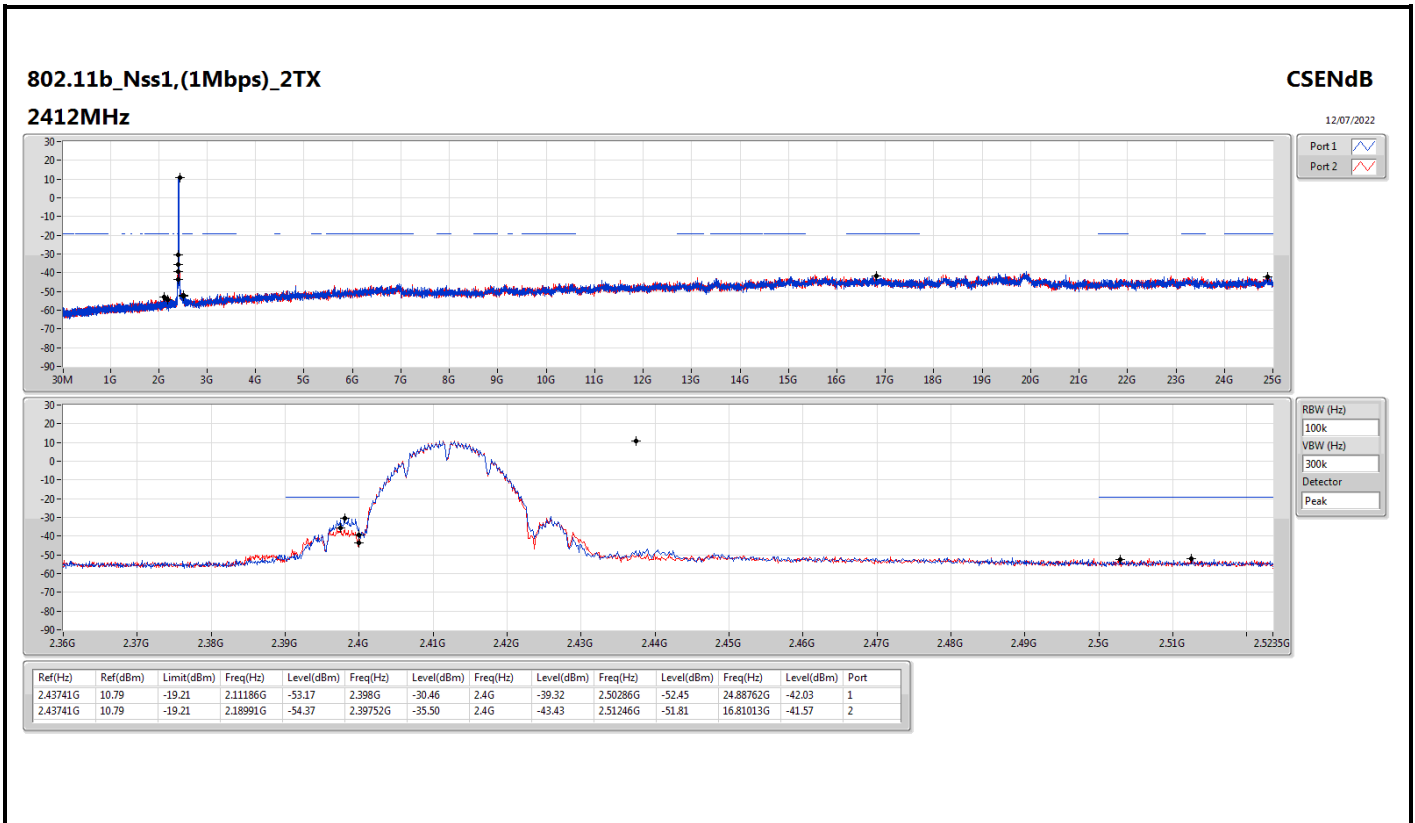


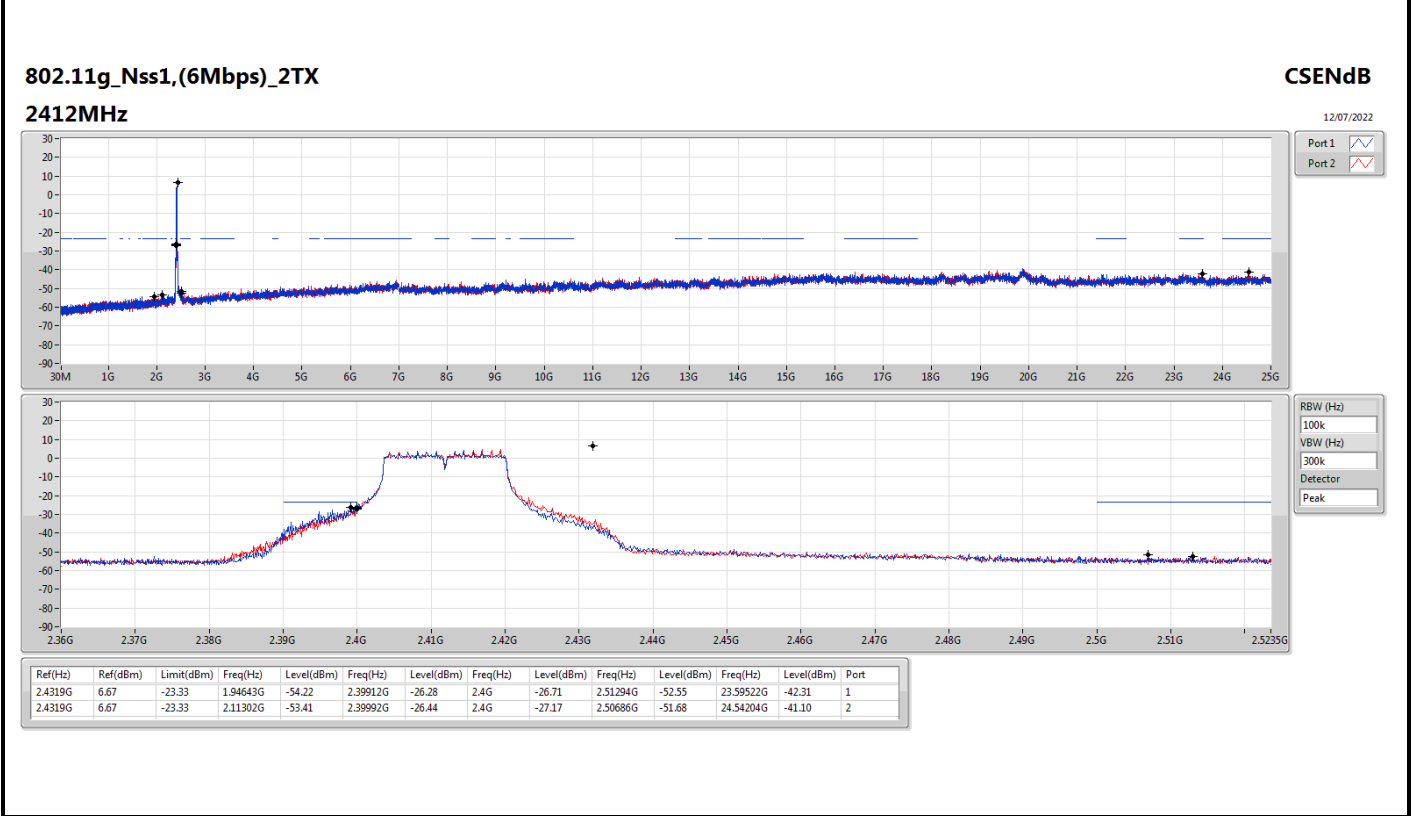
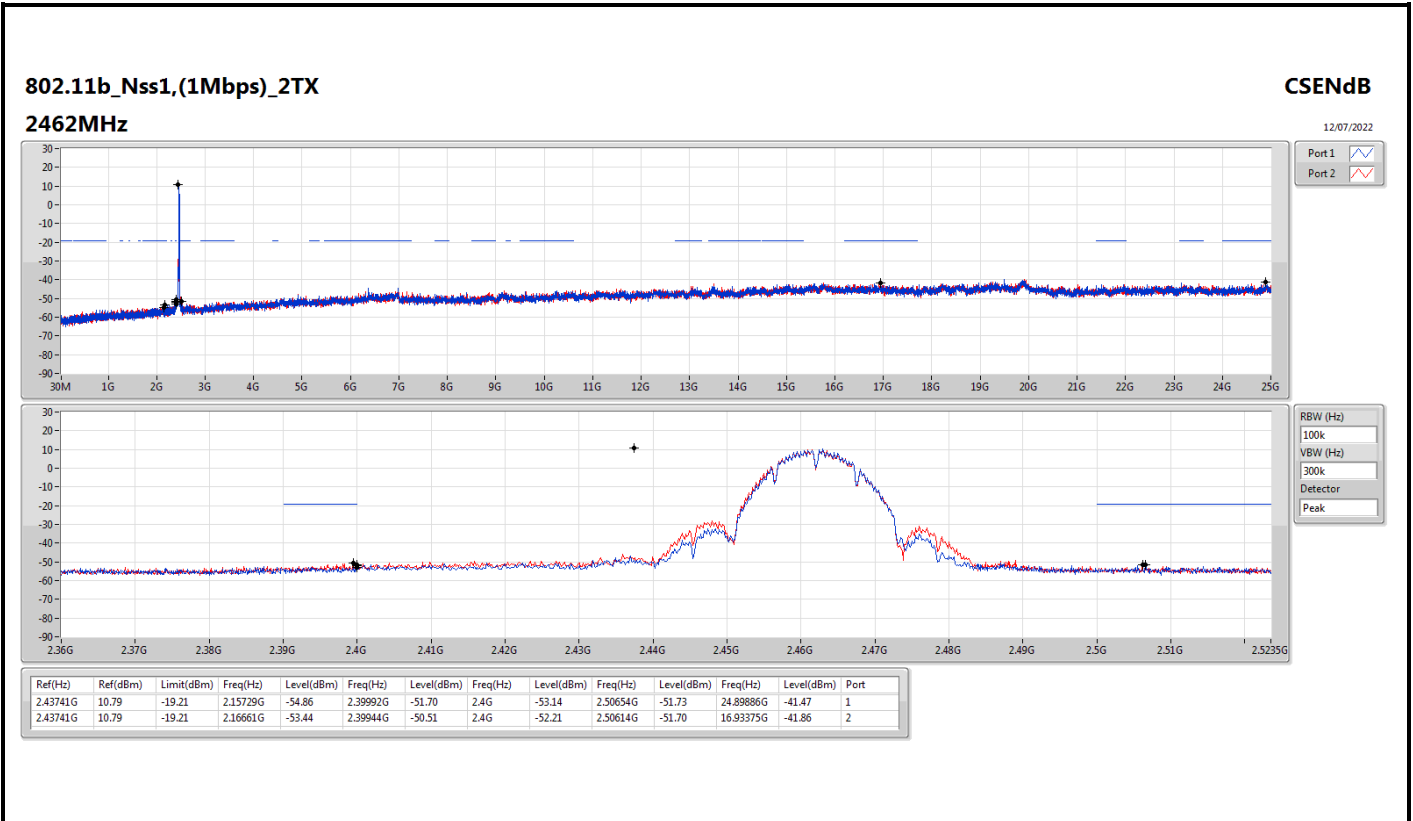
Summary

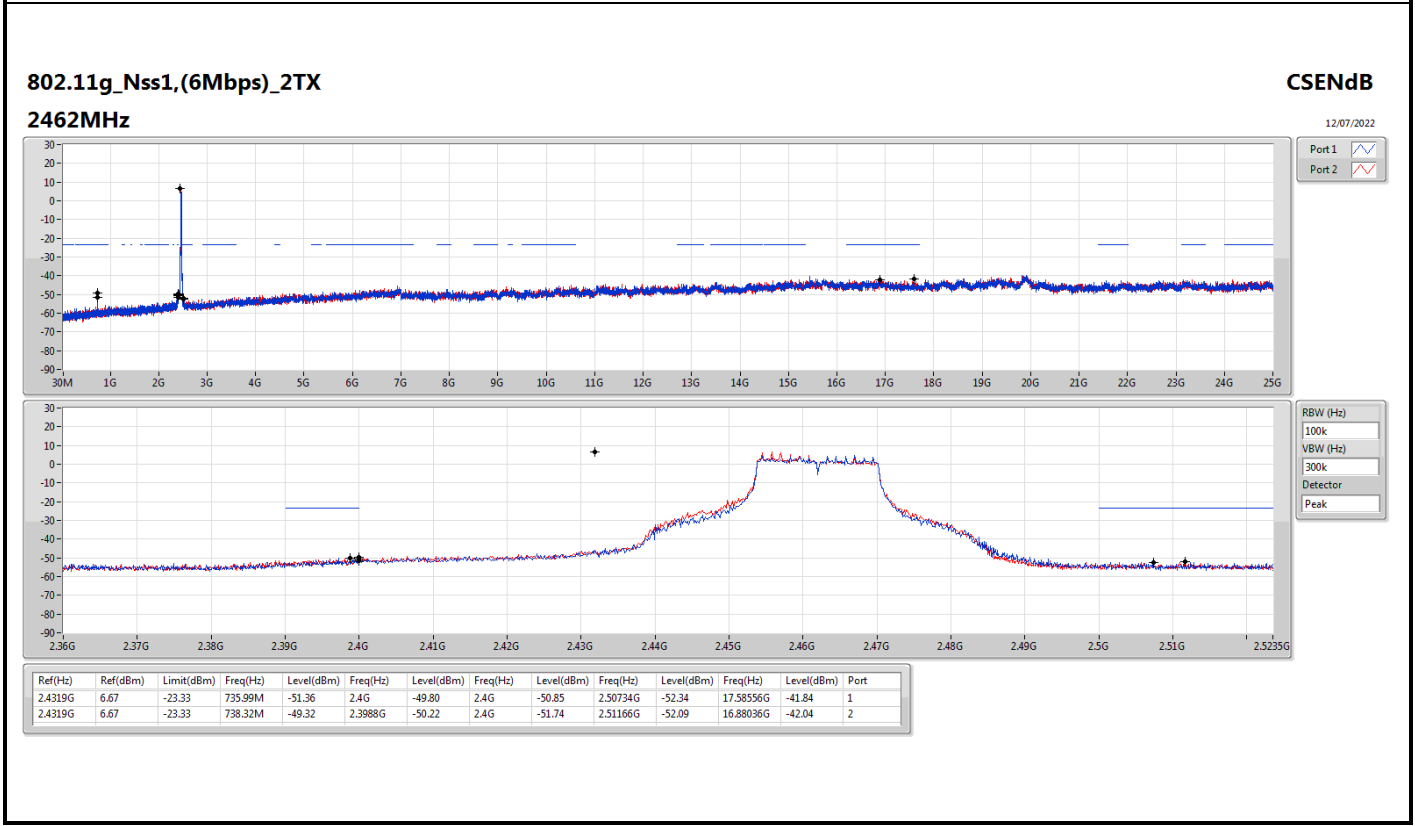
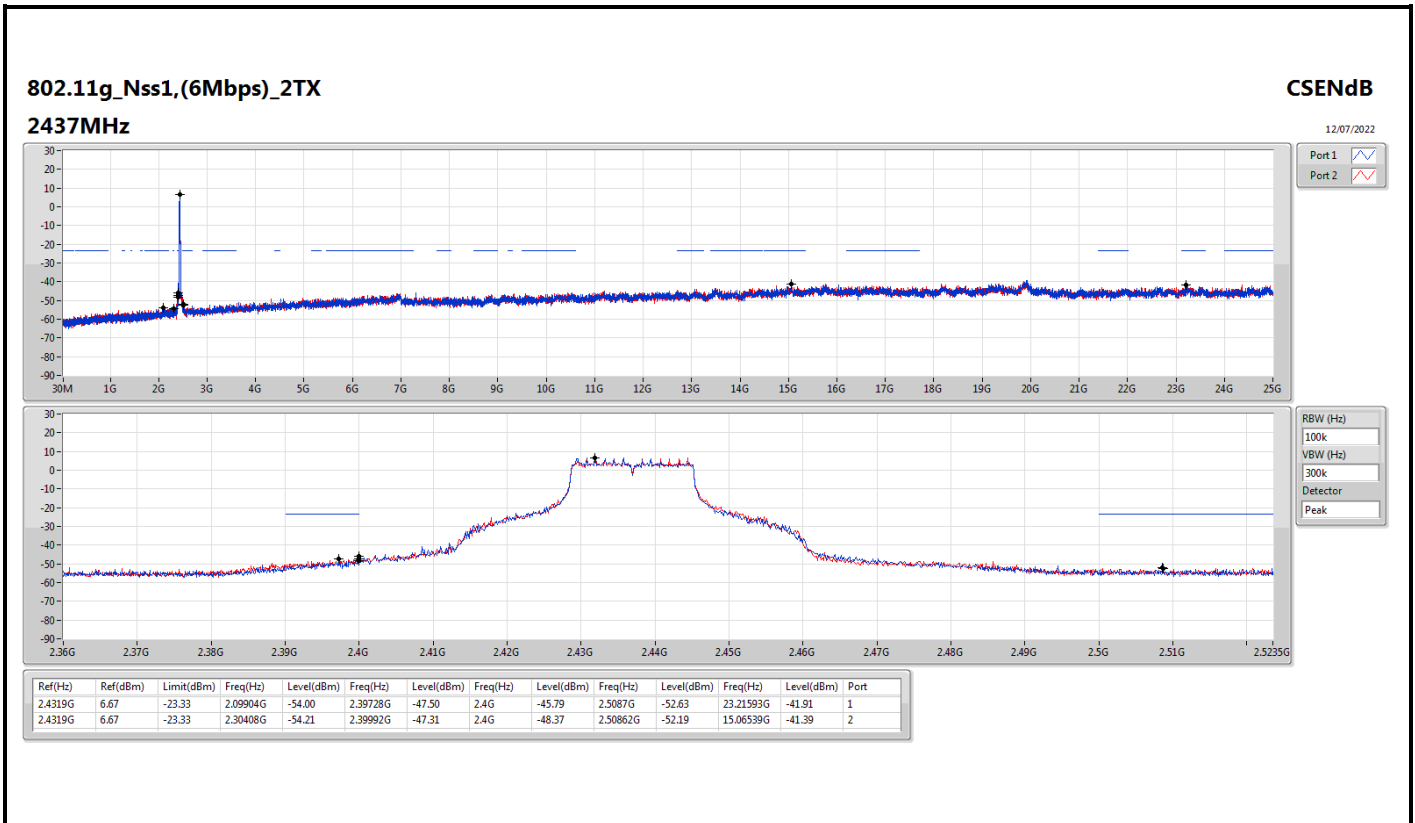
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43741G	10.79	-19.21	2.11186G	-53.17	2.398G	-30.46	2.4G	-39.32	2.50286G	-52.45	24.88762G	-42.03	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4319G	6.67	-23.33	1.94643G	-54.22	2.39912G	-26.28	2.4G	-26.71	2.51294G	-52.55	23.59522G	-42.31	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.44192G	5.66	-24.34	2.1037G	-54.21	2.4G	-30.19	2.4G	-29.58	2.50174G	-52.14	23.19345G	-41.03	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.4319G	2.33	-27.67	2.1265G	-53.81	2.39984G	-28.78	2.4G	-30.99	2.51358G	-51.99	21.96546G	-41.49	2

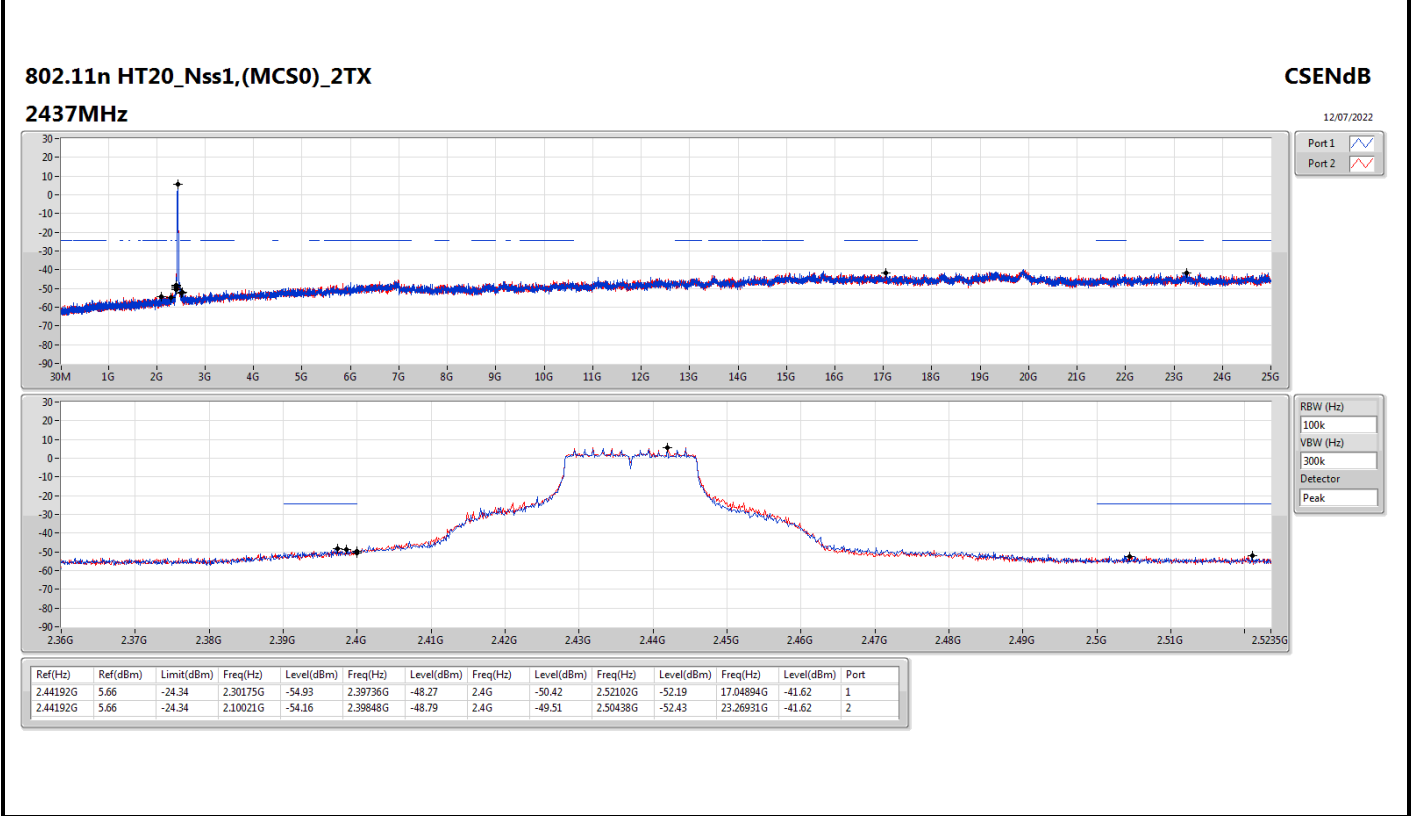
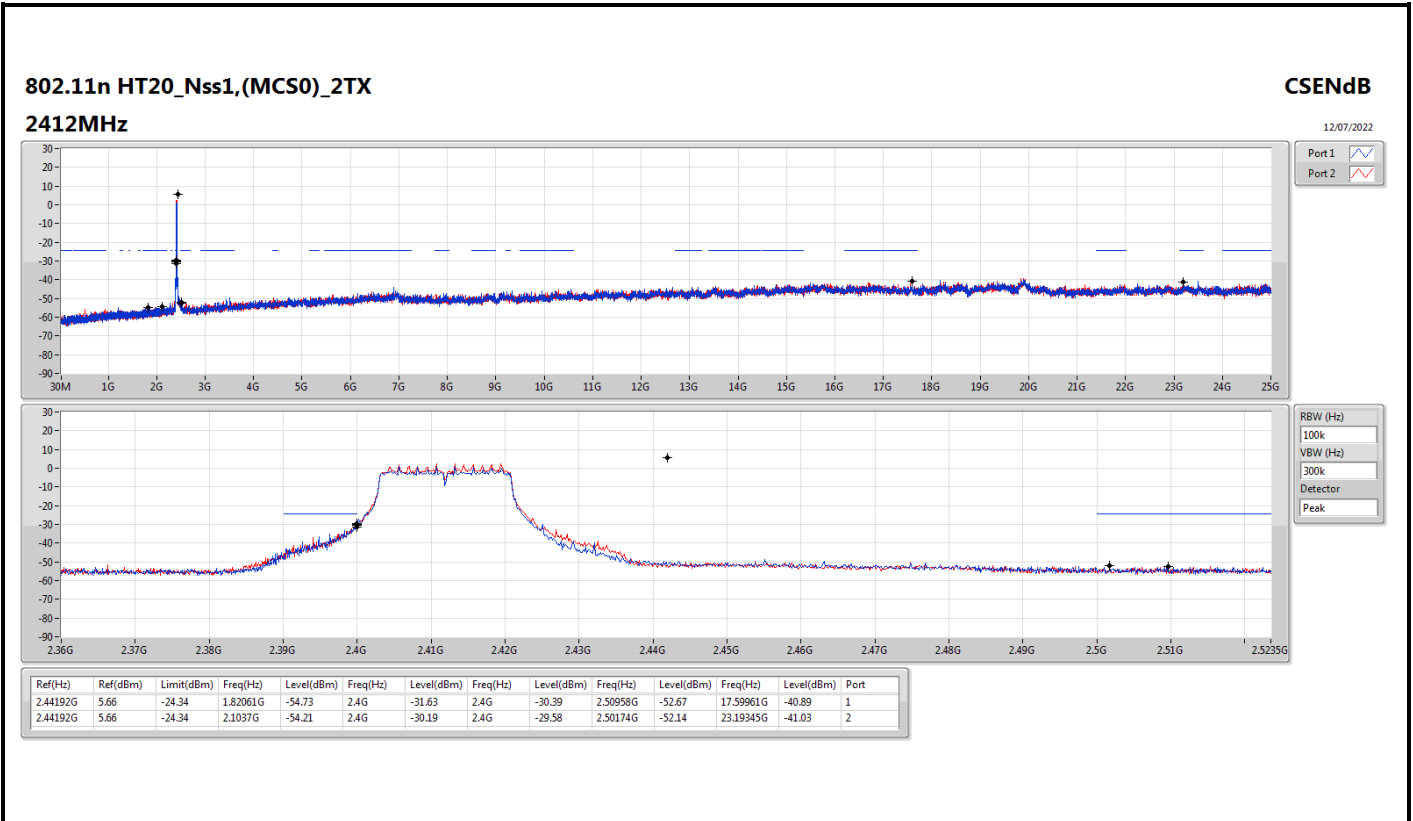
Result

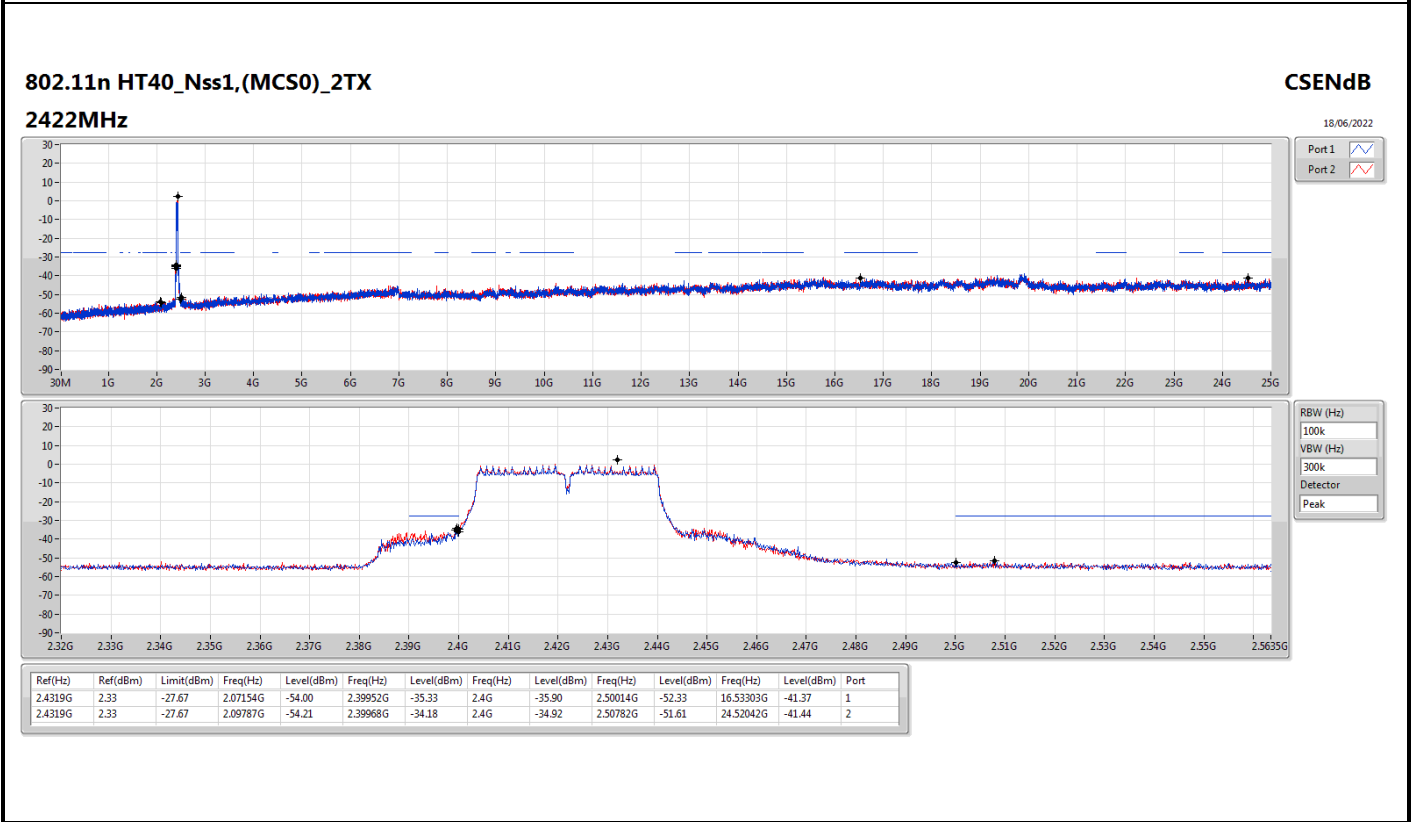
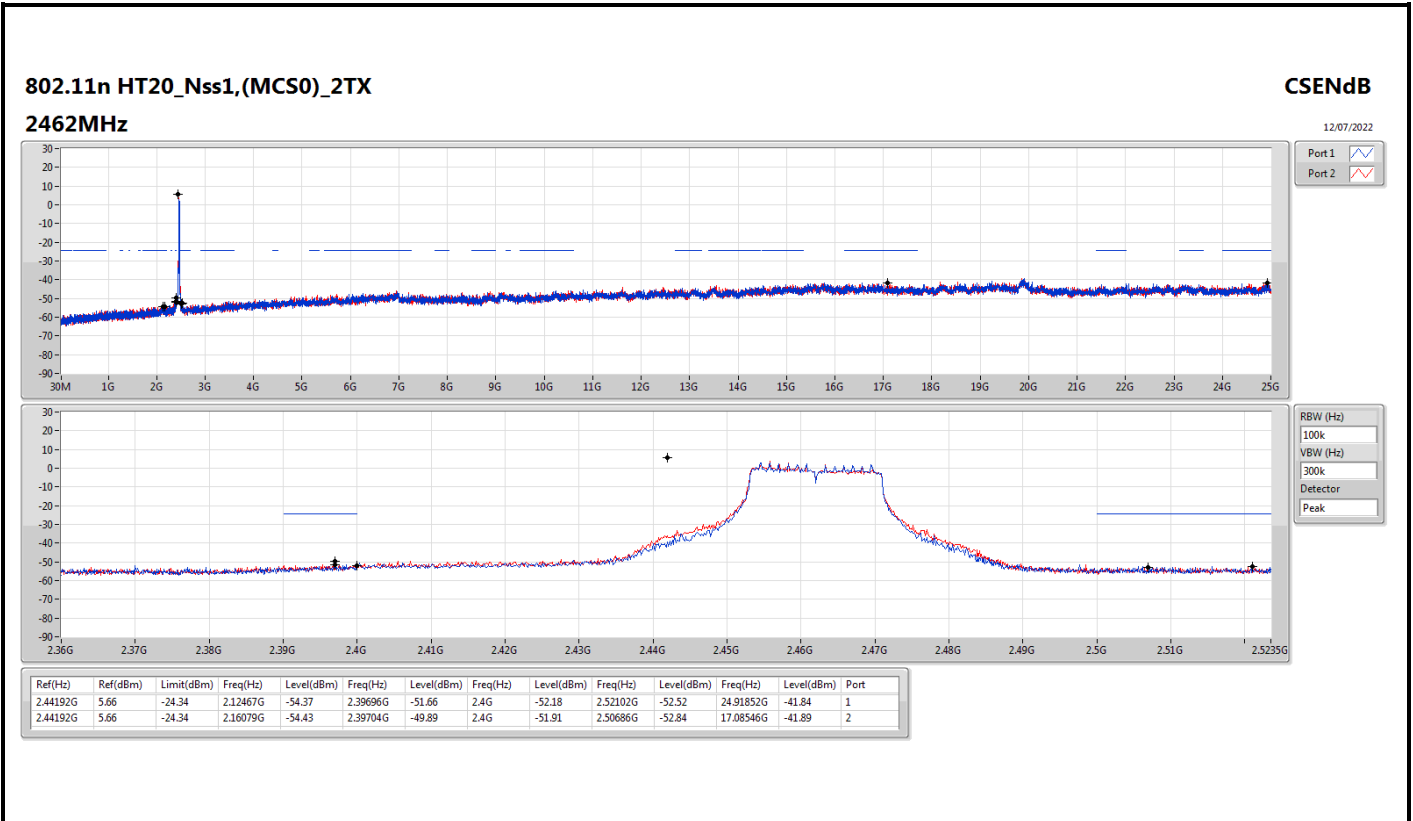
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43741G	10.79	-19.21	2.11186G	-53.17	2.398G	-30.46	2.4G	-39.32	2.50286G	-52.45	24.88762G	-42.03	1
2412MHz	Pass	2.43741G	10.79	-19.21	2.18991G	-54.37	2.39752G	-35.50	2.4G	-43.43	2.51246G	-51.81	16.81013G	-41.57	2
2437MHz	Pass	2.43741G	10.79	-19.21	2.14681G	-53.20	2.4G	-50.84	2.4G	-50.19	2.5183G	-52.03	23.21874G	-40.57	1
2437MHz	Pass	2.43741G	10.79	-19.21	2.14564G	-53.71	2.39856G	-51.54	2.4G	-51.72	2.50022G	-52.29	16.25945G	-41.44	2
2462MHz	Pass	2.43741G	10.79	-19.21	2.15729G	-54.86	2.39992G	-51.70	2.4G	-53.14	2.50654G	-51.73	24.89886G	-41.47	1
2462MHz	Pass	2.43741G	10.79	-19.21	2.16661G	-53.44	2.39944G	-50.51	2.4G	-52.21	2.50614G	-51.70	16.93375G	-41.86	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	6.67	-23.33	1.94643G	-54.22	2.39912G	-26.28	2.4G	-26.71	2.51294G	-52.55	23.59522G	-42.31	1
2412MHz	Pass	2.4319G	6.67	-23.33	2.11302G	-53.41	2.39992G	-26.44	2.4G	-27.17	2.50686G	-51.68	24.54204G	-41.10	2
2437MHz	Pass	2.4319G	6.67	-23.33	2.09904G	-54.00	2.39728G	-47.50	2.4G	-45.79	2.5087G	-52.63	23.21593G	-41.91	1
2437MHz	Pass	2.4319G	6.67	-23.33	2.30408G	-54.21	2.39992G	-47.31	2.4G	-48.37	2.50862G	-52.19	15.06539G	-41.39	2
2462MHz	Pass	2.4319G	6.67	-23.33	735.99M	-51.36	2.4G	-49.80	2.4G	-50.85	2.50734G	-52.34	17.58556G	-41.84	1
2462MHz	Pass	2.4319G	6.67	-23.33	738.32M	-49.32	2.3988G	-50.22	2.4G	-51.74	2.51166G	-52.09	16.88036G	-42.04	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	5.66	-24.34	1.82061G	-54.73	2.4G	-31.63	2.4G	-30.39	2.50958G	-52.67	17.59961G	-40.89	1
2412MHz	Pass	2.44192G	5.66	-24.34	2.1037G	-54.21	2.4G	-30.19	2.4G	-29.58	2.50174G	-52.14	23.19345G	-41.03	2
2437MHz	Pass	2.44192G	5.66	-24.34	2.30175G	-54.93	2.39736G	-48.27	2.4G	-50.42	2.52102G	-52.19	17.04894G	-41.62	1
2437MHz	Pass	2.44192G	5.66	-24.34	2.10021G	-54.16	2.39848G	-48.79	2.4G	-49.51	2.50438G	-52.43	23.26931G	-41.62	2
2462MHz	Pass	2.44192G	5.66	-24.34	2.12467G	-54.37	2.39696G	-51.66	2.4G	-52.18	2.52102G	-52.52	24.91852G	-41.84	1
2462MHz	Pass	2.44192G	5.66	-24.34	2.16079G	-54.43	2.39704G	-49.89	2.4G	-51.91	2.50686G	-52.84	17.08546G	-41.89	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	2.33	-27.67	2.07154G	-54.00	2.39952G	-35.33	2.4G	-35.90	2.50014G	-52.33	16.53303G	-41.37	1
2422MHz	Pass	2.4319G	2.33	-27.67	2.09787G	-54.21	2.39968G	-34.18	2.4G	-34.92	2.50782G	-51.61	24.52042G	-41.44	2
2437MHz	Pass	2.4319G	2.33	-27.67	2.12306G	-53.29	2.39968G	-32.08	2.4G	-36.62	2.5011G	-52.38	16.57509G	-41.50	1
2437MHz	Pass	2.4319G	2.33	-27.67	2.1265G	-53.81	2.39984G	-28.78	2.4G	-30.99	2.51358G	-51.99	21.96546G	-41.49	2
2452MHz	Pass	2.4319G	2.33	-27.67	1.97307G	-53.15	2.39984G	-47.26	2.4G	-47.60	2.51422G	-51.78	16.96212G	-41.36	1
2452MHz	Pass	2.4319G	2.33	-27.67	2.08871G	-54.41	2.39456G	-46.28	2.4G	-47.47	2.51886G	-51.95	16.60875G	-41.21	2

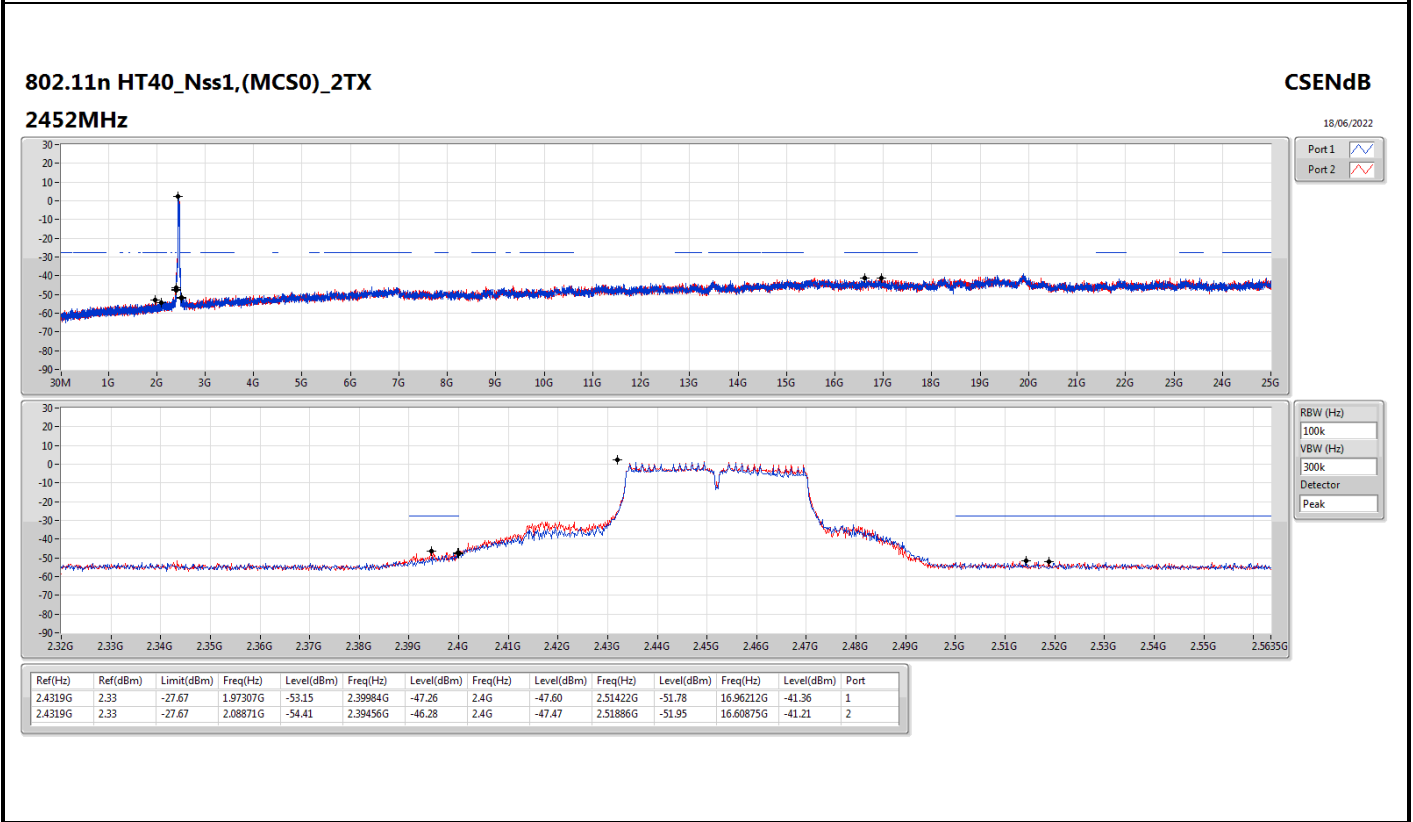
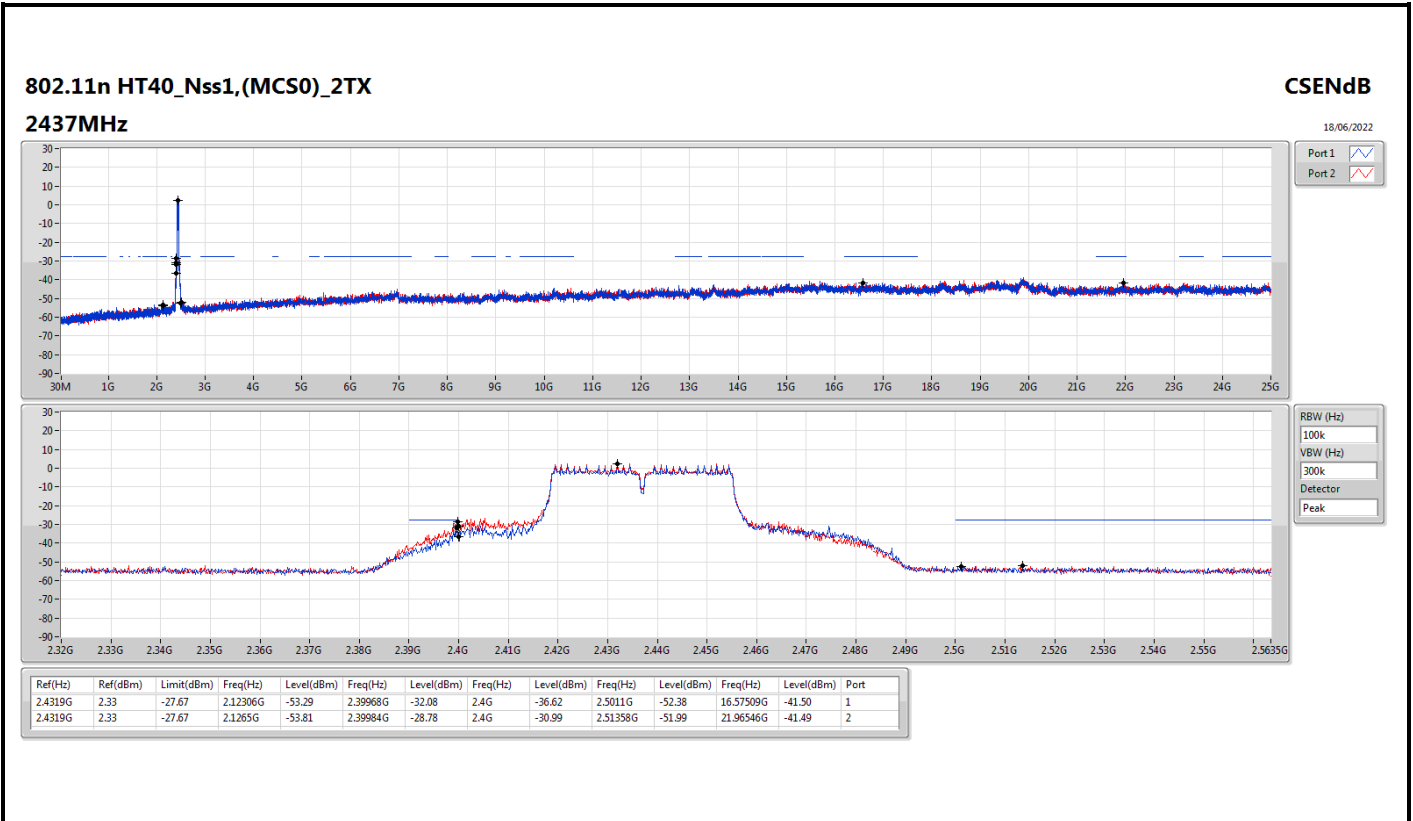














Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	PK	840.92M	39.63	46.00	-6.37	3	Horizontal	360	1.00	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	840.92M	42.79	46.00	-3.21	3	Horizontal	0	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	PK	840.92M	42.94	46.00	-3.06	3	Vertical	360	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	840.92M	42.30	46.00	-3.70	3	Vertical	0	1.00	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	119.24M	34.42	43.50	-9.08	3	Vertical	0	1.00	-
2412MHz	Pass	PK	187.14M	30.04	43.50	-13.46	3	Vertical	0	1.00	-
2412MHz	Pass	PK	260.86M	26.70	46.00	-19.30	3	Vertical	0	1.00	-
2412MHz	Pass	PK	474.26M	31.44	46.00	-14.56	3	Vertical	0	1.00	-
2412MHz	Pass	PK	774.96M	37.14	46.00	-8.86	3	Vertical	0	1.00	-
2412MHz	Pass	PK	939.86M	34.91	46.00	-11.09	3	Vertical	0	1.00	-
2412MHz	Pass	PK	55.22M	28.50	40.00	-11.50	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	121.18M	31.90	43.50	-11.60	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	229.82M	28.61	46.00	-17.39	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	493.66M	25.32	46.00	-20.68	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	771.08M	36.99	46.00	-9.01	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	934.04M	34.26	46.00	-11.74	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	119.24M	24.05	43.50	-19.45	3	Vertical	0	1.00	-
2412MHz	Pass	PK	499.48M	27.18	46.00	-18.82	3	Vertical	0	1.00	-
2412MHz	Pass	PK	776.9M	37.56	46.00	-8.44	3	Vertical	0	1.00	-
2412MHz	Pass	PK	840.92M	39.30	46.00	-6.70	3	Vertical	0	1.00	-
2412MHz	Pass	PK	934.04M	33.51	46.00	-12.49	3	Vertical	0	1.00	-
2412MHz	Pass	PK	957.32M	34.74	46.00	-11.26	3	Vertical	0	1.00	-
2412MHz	Pass	PK	148.34M	28.24	43.50	-15.26	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	266.68M	24.26	46.00	-21.74	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	771.08M	36.71	46.00	-9.29	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	840.92M	39.22	46.00	-6.78	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	934.04M	33.08	46.00	-12.92	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	957.32M	33.64	46.00	-12.36	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	117.3M	32.13	43.50	-11.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	192.96M	30.23	43.50	-13.27	3	Vertical	360	1.00	-
2437MHz	Pass	PK	394.72M	38.04	46.00	-7.96	3	Vertical	360	1.00	-
2437MHz	Pass	PK	532.46M	30.63	46.00	-15.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	722.58M	39.13	46.00	-6.87	3	Vertical	360	1.00	-
2437MHz	Pass	PK	776.9M	37.53	46.00	-8.47	3	Vertical	360	1.00	-
2437MHz	Pass	PK	121.18M	29.69	43.50	-13.81	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	258.92M	29.53	46.00	-16.47	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	365.62M	28.03	46.00	-17.97	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	714.82M	38.04	46.00	-7.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	773.02M	36.84	46.00	-9.16	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	957.32M	35.57	46.00	-10.43	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	121.18M	25.13	43.50	-18.37	3	Vertical	0	1.00	-
2437MHz	Pass	PK	272.5M	20.22	46.00	-25.78	3	Vertical	0	1.00	-
2437MHz	Pass	PK	493.66M	23.89	46.00	-22.11	3	Vertical	0	1.00	-
2437MHz	Pass	PK	773.02M	37.39	46.00	-8.61	3	Vertical	0	1.00	-
2437MHz	Pass	PK	840.92M	39.32	46.00	-6.68	3	Vertical	0	1.00	-
2437MHz	Pass	PK	957.32M	32.95	46.00	-13.05	3	Vertical	0	1.00	-
2437MHz	Pass	PK	148.34M	28.70	43.50	-14.80	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	303.54M	30.82	46.00	-15.18	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	499.48M	28.92	46.00	-17.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	771.08M	36.89	46.00	-9.11	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	840.92M	38.63	46.00	-7.37	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	957.32M	34.62	46.00	-11.38	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	119.24M	32.21	43.50	-11.29	3	Vertical	0	1.00	-
2462MHz	Pass	PK	200.72M	28.03	43.50	-15.47	3	Vertical	0	1.00	-
2462MHz	Pass	PK	394.72M	37.83	46.00	-8.17	3	Vertical	0	1.00	-
2462MHz	Pass	PK	771.08M	36.91	46.00	-9.09	3	Vertical	0	1.00	-
2462MHz	Pass	PK	840.92M	39.33	46.00	-6.67	3	Vertical	0	1.00	-
2462MHz	Pass	PK	957.32M	36.66	46.00	-9.34	3	Vertical	0	1.00	-
2462MHz	Pass	PK	117.3M	27.19	43.50	-16.31	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	260.86M	30.84	46.00	-15.16	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	365.62M	28.31	46.00	-17.69	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	516.94M	25.40	46.00	-20.60	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	773.02M	36.93	46.00	-9.07	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	939.86M	35.24	46.00	-10.76	3	Horizontal	360	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	121.18M	24.20	43.50	-19.30	3	Vertical	0	1.00	-
2462MHz	Pass	PK	191.02M	19.14	43.50	-24.36	3	Vertical	0	1.00	-
2462MHz	Pass	PK	491.72M	25.53	46.00	-20.47	3	Vertical	0	1.00	-
2462MHz	Pass	PK	776.9M	37.54	46.00	-8.46	3	Vertical	0	1.00	-
2462MHz	Pass	PK	840.92M	39.16	46.00	-6.84	3	Vertical	0	1.00	-
2462MHz	Pass	PK	957.32M	34.23	46.00	-11.77	3	Vertical	0	1.00	-
2462MHz	Pass	PK	148.34M	28.67	43.50	-14.83	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	268.62M	24.91	46.00	-21.09	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	303.54M	25.38	46.00	-20.62	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	499.48M	27.66	46.00	-18.34	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	776.9M	36.45	46.00	-9.55	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	840.92M	39.63	46.00	-6.37	3	Horizontal	360	1.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	121.18M	31.97	43.50	-11.53	3	Vertical	360	1.00	-
2412MHz	Pass	PK	189.08M	29.09	43.50	-14.41	3	Vertical	360	1.00	-
2412MHz	Pass	PK	274.44M	28.42	46.00	-17.58	3	Vertical	360	1.00	-
2412MHz	Pass	PK	534.4M	30.14	46.00	-15.86	3	Vertical	360	1.00	-
2412MHz	Pass	PK	773.02M	36.62	46.00	-9.38	3	Vertical	360	1.00	-
2412MHz	Pass	PK	953.44M	34.25	46.00	-11.75	3	Vertical	360	1.00	-
2412MHz	Pass	PK	119.24M	27.62	43.50	-15.88	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	266.68M	27.27	46.00	-18.73	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	311.3M	27.85	46.00	-18.15	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	532.46M	27.00	46.00	-19.00	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	773.02M	36.84	46.00	-9.16	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	957.32M	32.95	46.00	-13.05	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	121.18M	23.52	43.50	-19.98	3	Vertical	0	1.00	-
2412MHz	Pass	PK	200.72M	21.22	43.50	-22.28	3	Vertical	0	1.00	-
2412MHz	Pass	PK	266.68M	20.56	46.00	-25.44	3	Vertical	0	1.00	-
2412MHz	Pass	PK	771.08M	37.47	46.00	-8.53	3	Vertical	0	1.00	-
2412MHz	Pass	PK	840.92M	42.70	46.00	-3.30	3	Vertical	0	1.00	-
2412MHz	Pass	PK	957.32M	32.69	46.00	-13.31	3	Vertical	0	1.00	-
2412MHz	Pass	PK	148.34M	29.43	43.50	-14.07	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	303.54M	24.77	46.00	-21.23	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	394.72M	35.10	46.00	-10.90	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	776.9M	37.33	46.00	-8.67	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	840.92M	42.72	46.00	-3.28	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	957.32M	34.64	46.00	-11.36	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	121.18M	31.31	43.50	-12.19	3	Vertical	0	1.00	-
2437MHz	Pass	PK	309.36M	24.63	46.00	-21.37	3	Vertical	0	1.00	-
2437MHz	Pass	PK	491.72M	27.61	46.00	-18.39	3	Vertical	0	1.00	-
2437MHz	Pass	PK	773.02M	35.55	46.00	-10.45	3	Vertical	0	1.00	-
2437MHz	Pass	PK	840.92M	42.55	46.00	-3.45	3	Vertical	0	1.00	-
2437MHz	Pass	PK	939.86M	33.99	46.00	-12.01	3	Vertical	0	1.00	-
2437MHz	Pass	PK	119.24M	28.51	43.50	-14.99	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	311.3M	28.64	46.00	-17.36	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	365.62M	27.10	46.00	-18.90	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	773.02M	37.91	46.00	-8.09	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	840.92M	41.58	46.00	-4.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	957.32M	36.10	46.00	-9.90	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	121.18M	24.08	43.50	-19.42	3	Vertical	360	1.00	-
2437MHz	Pass	PK	577.08M	24.99	46.00	-21.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	687.66M	26.74	46.00	-19.26	3	Vertical	360	1.00	-
2437MHz	Pass	PK	776.9M	37.57	46.00	-8.43	3	Vertical	360	1.00	-
2437MHz	Pass	PK	840.92M	42.67	46.00	-3.33	3	Vertical	360	1.00	-
2437MHz	Pass	PK	939.86M	33.34	46.00	-12.66	3	Vertical	360	1.00	-
2437MHz	Pass	PK	148.34M	28.58	43.50	-14.92	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	268.62M	23.60	46.00	-22.40	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	491.72M	27.38	46.00	-18.62	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	776.9M	37.86	46.00	-8.14	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	840.92M	42.79	46.00	-3.21	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	939.86M	33.07	46.00	-12.93	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	121.18M	33.13	43.50	-10.37	3	Vertical	0	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	311.3M	24.40	46.00	-21.60	3	Vertical	0	1.00	-
2462MHz	Pass	PK	470.38M	25.65	46.00	-20.35	3	Vertical	0	1.00	-
2462MHz	Pass	PK	532.46M	27.23	46.00	-18.77	3	Vertical	0	1.00	-
2462MHz	Pass	PK	773.02M	36.53	46.00	-9.47	3	Vertical	0	1.00	-
2462MHz	Pass	PK	840.92M	41.34	46.00	-4.66	3	Vertical	0	1.00	-
2462MHz	Pass	PK	61.04M	33.89	40.00	-6.11	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	119.24M	27.65	43.50	-15.85	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	282.2M	34.82	46.00	-11.18	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	322.94M	35.50	46.00	-10.50	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	769.14M	37.82	46.00	-8.18	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	840.92M	42.32	46.00	-3.68	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	119.24M	23.58	43.50	-19.92	3	Vertical	360	1.00	-
2462MHz	Pass	PK	520.82M	24.23	46.00	-21.77	3	Vertical	360	1.00	-
2462MHz	Pass	PK	621.7M	25.54	46.00	-20.46	3	Vertical	360	1.00	-
2462MHz	Pass	PK	771.08M	37.28	46.00	-8.72	3	Vertical	360	1.00	-
2462MHz	Pass	PK	840.92M	42.42	46.00	-3.58	3	Vertical	360	1.00	-
2462MHz	Pass	PK	953.44M	33.01	46.00	-12.99	3	Vertical	360	1.00	-
2462MHz	Pass	PK	150.28M	24.50	43.50	-19.00	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	295.78M	23.60	46.00	-22.40	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	497.54M	24.15	46.00	-21.85	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	771.08M	37.01	46.00	-8.99	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	840.92M	42.77	46.00	-3.23	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	957.32M	36.13	46.00	-9.87	3	Horizontal	0	1.00	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	PK	119.24M	32.30	43.50	-11.20	3	Vertical	360	1.00	-
2412MHz	Pass	PK	383.08M	26.31	46.00	-19.69	3	Vertical	360	1.00	-
2412MHz	Pass	PK	532.46M	36.15	46.00	-9.85	3	Vertical	360	1.00	-
2412MHz	Pass	PK	773.02M	36.50	46.00	-9.50	3	Vertical	360	1.00	-
2412MHz	Pass	PK	840.92M	41.64	46.00	-4.36	3	Vertical	360	1.00	-
2412MHz	Pass	PK	957.32M	34.49	46.00	-11.51	3	Vertical	360	1.00	-
2412MHz	Pass	PK	119.24M	28.15	43.50	-15.35	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	307.42M	28.72	46.00	-17.28	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	522.76M	25.15	46.00	-20.85	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	774.96M	36.68	46.00	-9.32	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	840.92M	41.91	46.00	-4.09	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	957.32M	34.58	46.00	-11.42	3	Horizontal	0	1.00	-
2412MHz	Pass	PK	121.18M	23.55	43.50	-19.95	3	Vertical	0	1.00	-
2412MHz	Pass	PK	272.5M	19.22	46.00	-26.78	3	Vertical	0	1.00	-
2412MHz	Pass	PK	497.54M	22.42	46.00	-23.58	3	Vertical	0	1.00	-
2412MHz	Pass	PK	610.06M	25.56	46.00	-20.44	3	Vertical	0	1.00	-
2412MHz	Pass	PK	771.08M	37.39	46.00	-8.61	3	Vertical	0	1.00	-
2412MHz	Pass	PK	840.92M	39.54	46.00	-6.46	3	Vertical	0	1.00	-
2412MHz	Pass	PK	148.34M	25.43	43.50	-18.07	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	282.2M	27.95	46.00	-18.05	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	771.08M	37.87	46.00	-8.13	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	840.92M	39.62	46.00	-6.38	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	939.86M	33.04	46.00	-12.96	3	Horizontal	360	1.00	-
2412MHz	Pass	PK	957.32M	34.14	46.00	-11.86	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	121.18M	31.53	43.50	-11.97	3	Vertical	360	1.00	-
2437MHz	Pass	PK	216M	26.50	43.50	-17.00	3	Vertical	360	1.00	-
2437MHz	Pass	PK	307.42M	26.68	46.00	-19.32	3	Vertical	360	1.00	-
2437MHz	Pass	PK	532.46M	31.42	46.00	-14.58	3	Vertical	360	1.00	-
2437MHz	Pass	PK	773.02M	37.79	46.00	-8.21	3	Vertical	360	1.00	-
2437MHz	Pass	PK	840.92M	41.51	46.00	-4.49	3	Vertical	360	1.00	-
2437MHz	Pass	PK	121.18M	27.90	43.50	-15.60	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	266.68M	27.67	46.00	-18.33	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	309.36M	27.51	46.00	-18.49	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	773.02M	36.18	46.00	-9.82	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	840.92M	42.04	46.00	-3.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	935.98M	33.85	46.00	-12.15	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	121.18M	25.15	43.50	-18.35	3	Vertical	0	1.00	-
2437MHz	Pass	PK	270.56M	21.47	46.00	-24.53	3	Vertical	0	1.00	-



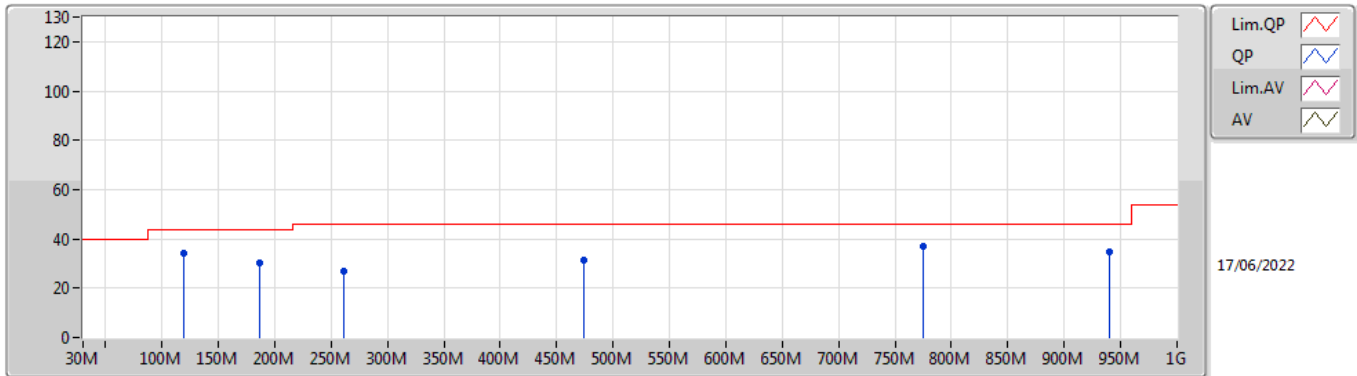
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	497.54M	28.11	46.00	-17.89	3	Vertical	0	1.00	-
2437MHz	Pass	PK	771.08M	37.50	46.00	-8.50	3	Vertical	0	1.00	-
2437MHz	Pass	PK	840.92M	39.96	46.00	-6.04	3	Vertical	0	1.00	-
2437MHz	Pass	PK	939.86M	34.27	46.00	-11.73	3	Vertical	0	1.00	-
2437MHz	Pass	PK	148.34M	28.38	43.50	-15.12	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	264.74M	24.05	46.00	-21.95	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	497.54M	24.49	46.00	-21.51	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	778.84M	36.94	46.00	-9.06	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	840.92M	39.31	46.00	-6.69	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	939.86M	33.44	46.00	-12.56	3	Horizontal	360	1.00	-
2462MHz	Pass	PK	121.18M	32.10	43.50	-11.40	3	Vertical	360	1.00	-
2462MHz	Pass	PK	309.36M	24.31	46.00	-21.69	3	Vertical	360	1.00	-
2462MHz	Pass	PK	468.44M	24.70	46.00	-21.30	3	Vertical	360	1.00	-
2462MHz	Pass	PK	532.46M	26.49	46.00	-19.51	3	Vertical	360	1.00	-
2462MHz	Pass	PK	776.9M	36.96	46.00	-9.04	3	Vertical	360	1.00	-
2462MHz	Pass	PK	840.92M	42.94	46.00	-3.06	3	Vertical	360	1.00	-
2462MHz	Pass	PK	119.24M	28.12	43.50	-15.38	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	282.2M	27.41	46.00	-18.59	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	309.36M	28.72	46.00	-17.28	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	776.9M	37.56	46.00	-8.44	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	840.92M	42.86	46.00	-3.14	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	953.44M	34.78	46.00	-11.22	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	121.18M	24.36	43.50	-19.14	3	Vertical	360	1.00	-
2462MHz	Pass	PK	185.2M	19.30	43.50	-24.20	3	Vertical	360	1.00	-
2462MHz	Pass	PK	266.68M	20.40	46.00	-25.60	3	Vertical	360	1.00	-
2462MHz	Pass	PK	491.72M	27.72	46.00	-18.28	3	Vertical	360	1.00	-
2462MHz	Pass	PK	776.9M	37.69	46.00	-8.31	3	Vertical	360	1.00	-
2462MHz	Pass	PK	840.92M	39.31	46.00	-6.69	3	Vertical	360	1.00	-
2462MHz	Pass	PK	148.34M	28.47	43.50	-15.03	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	227.88M	23.22	46.00	-22.78	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	266.68M	23.64	46.00	-22.36	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	579.02M	25.39	46.00	-20.61	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	778.84M	37.07	46.00	-8.93	3	Horizontal	0	1.00	-
2462MHz	Pass	PK	840.92M	39.28	46.00	-6.72	3	Horizontal	0	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	PK	121.18M	32.82	43.50	-10.68	3	Vertical	0	1.00	-
2422MHz	Pass	PK	189.08M	27.03	43.50	-16.47	3	Vertical	0	1.00	-
2422MHz	Pass	PK	218.18M	26.48	46.00	-19.52	3	Vertical	0	1.00	-
2422MHz	Pass	PK	491.72M	29.22	46.00	-16.78	3	Vertical	0	1.00	-
2422MHz	Pass	PK	771.08M	36.68	46.00	-9.32	3	Vertical	0	1.00	-
2422MHz	Pass	PK	840.92M	41.89	46.00	-4.11	3	Vertical	0	1.00	-
2422MHz	Pass	PK	119.24M	29.47	43.50	-14.03	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	266.68M	27.40	46.00	-18.60	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	311.3M	27.84	46.00	-18.16	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	365.62M	27.92	46.00	-18.08	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	769.14M	37.58	46.00	-8.42	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	840.92M	41.29	46.00	-4.71	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	119.24M	24.22	43.50	-19.28	3	Vertical	0	1.00	-
2422MHz	Pass	PK	268.62M	20.31	46.00	-25.69	3	Vertical	0	1.00	-
2422MHz	Pass	PK	522.76M	23.79	46.00	-22.21	3	Vertical	0	1.00	-
2422MHz	Pass	PK	771.08M	35.73	46.00	-10.27	3	Vertical	0	1.00	-
2422MHz	Pass	PK	840.92M	39.41	46.00	-6.59	3	Vertical	0	1.00	-
2422MHz	Pass	PK	957.32M	33.94	46.00	-12.06	3	Vertical	0	1.00	-
2422MHz	Pass	PK	150.28M	28.41	43.50	-15.09	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	264.74M	23.95	46.00	-22.05	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	499.48M	28.89	46.00	-17.11	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	771.08M	35.95	46.00	-10.05	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	840.92M	39.26	46.00	-6.74	3	Horizontal	360	1.00	-
2422MHz	Pass	PK	939.86M	33.79	46.00	-12.21	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	121.18M	33.43	43.50	-10.07	3	Vertical	0	1.00	-
2437MHz	Pass	PK	309.36M	24.16	46.00	-21.84	3	Vertical	0	1.00	-
2437MHz	Pass	PK	497.54M	25.44	46.00	-20.56	3	Vertical	0	1.00	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	776.9M	36.95	46.00	-9.05	3	Vertical	0	1.00	-
2437MHz	Pass	PK	840.92M	41.44	46.00	-4.56	3	Vertical	0	1.00	-
2437MHz	Pass	PK	963.14M	34.96	54.00	-19.04	3	Vertical	0	1.00	-
2437MHz	Pass	PK	121.18M	28.12	43.50	-15.38	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	266.68M	30.48	46.00	-15.52	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	365.62M	29.49	46.00	-16.51	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	776.9M	37.42	46.00	-8.58	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	840.92M	41.46	46.00	-4.54	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	957.32M	34.53	46.00	-11.47	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	119.24M	24.30	43.50	-19.20	3	Vertical	360	1.00	-
2437MHz	Pass	PK	276.38M	21.65	46.00	-24.35	3	Vertical	360	1.00	-
2437MHz	Pass	PK	615.88M	25.59	46.00	-20.41	3	Vertical	360	1.00	-
2437MHz	Pass	PK	776.9M	36.97	46.00	-9.03	3	Vertical	360	1.00	-
2437MHz	Pass	PK	840.92M	41.00	46.00	-5.00	3	Vertical	360	1.00	-
2437MHz	Pass	PK	953.44M	34.35	46.00	-11.65	3	Vertical	360	1.00	-
2437MHz	Pass	PK	150.28M	28.94	43.50	-14.56	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	266.68M	23.91	46.00	-22.09	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	579.02M	24.36	46.00	-21.64	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	769.14M	36.26	46.00	-9.74	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	840.92M	41.56	46.00	-4.44	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	939.86M	32.35	46.00	-13.65	3	Horizontal	0	1.00	-
2452MHz	Pass	PK	119.24M	24.05	43.50	-19.45	3	Vertical	0	1.00	-
2452MHz	Pass	PK	499.48M	27.18	46.00	-18.82	3	Vertical	0	1.00	-
2452MHz	Pass	PK	776.9M	37.56	46.00	-8.44	3	Vertical	0	1.00	-
2452MHz	Pass	PK	840.92M	42.30	46.00	-3.70	3	Vertical	0	1.00	-
2452MHz	Pass	PK	934.04M	33.51	46.00	-12.49	3	Vertical	0	1.00	-
2452MHz	Pass	PK	957.32M	34.74	46.00	-11.26	3	Vertical	0	1.00	-
2452MHz	Pass	PK	148.34M	28.24	43.50	-15.26	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	266.68M	24.26	46.00	-21.74	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	771.08M	36.71	46.00	-9.29	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	840.92M	42.22	46.00	-3.78	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	934.04M	33.08	46.00	-12.92	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	957.32M	33.64	46.00	-12.36	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	121.18M	23.98	43.50	-19.52	3	Vertical	0	1.00	-
2452MHz	Pass	PK	274.44M	19.96	46.00	-26.04	3	Vertical	0	1.00	-
2452MHz	Pass	PK	522.76M	24.79	46.00	-21.21	3	Vertical	0	1.00	-
2452MHz	Pass	PK	771.08M	36.10	46.00	-9.90	3	Vertical	0	1.00	-
2452MHz	Pass	PK	840.92M	40.52	46.00	-5.48	3	Vertical	0	1.00	-
2452MHz	Pass	PK	957.32M	33.86	46.00	-12.14	3	Vertical	0	1.00	-
2452MHz	Pass	PK	148.34M	28.40	43.50	-15.10	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	301.6M	32.59	46.00	-13.41	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	518.88M	25.03	46.00	-20.97	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	771.08M	37.64	46.00	-8.36	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	840.92M	39.65	46.00	-6.35	3	Horizontal	360	1.00	-
2452MHz	Pass	PK	939.86M	34.12	46.00	-11.88	3	Horizontal	360	1.00	-

802.11b_Nss1,(1Mbps)_2TX

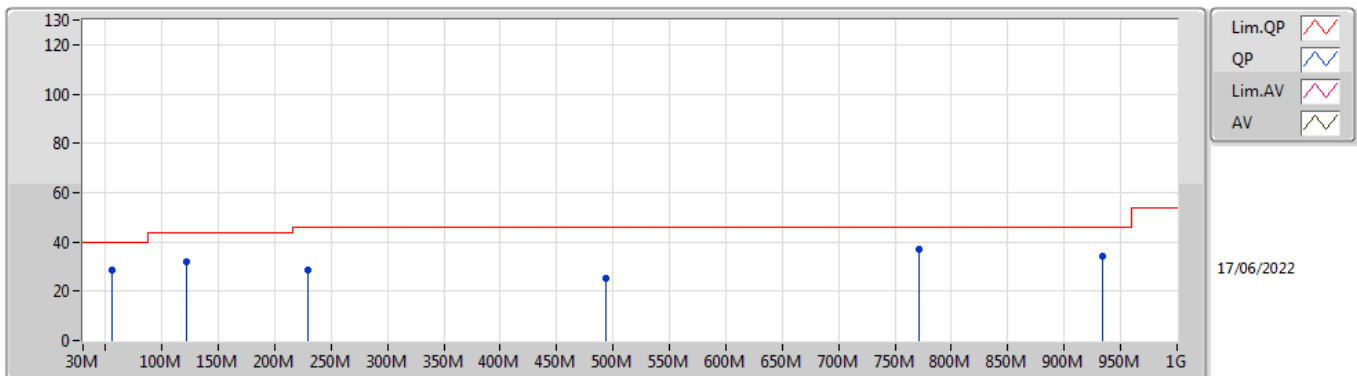
2412MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	34.42	43.50	-9.08	-18.82	3	Vertical	0	1.00	-	53.24	16.69	1.11	36.62
PK	187.14M	30.04	43.50	-13.46	-20.97	3	Vertical	0	1.00	-	51.01	14.07	1.37	36.41
PK	260.86M	26.70	46.00	-19.30	-15.50	3	Vertical	0	1.00	-	42.20	19.39	1.57	36.46
PK	474.26M	31.44	46.00	-14.56	-11.79	3	Vertical	0	1.00	-	43.23	22.76	2.26	36.81
PK	774.96M	37.14	46.00	-8.86	-7.13	3	Vertical	0	1.00	-	44.27	27.22	3.10	37.45
PK	939.86M	34.91	46.00	-11.09	-4.50	3	Vertical	0	1.00	-	39.41	29.55	3.35	37.40

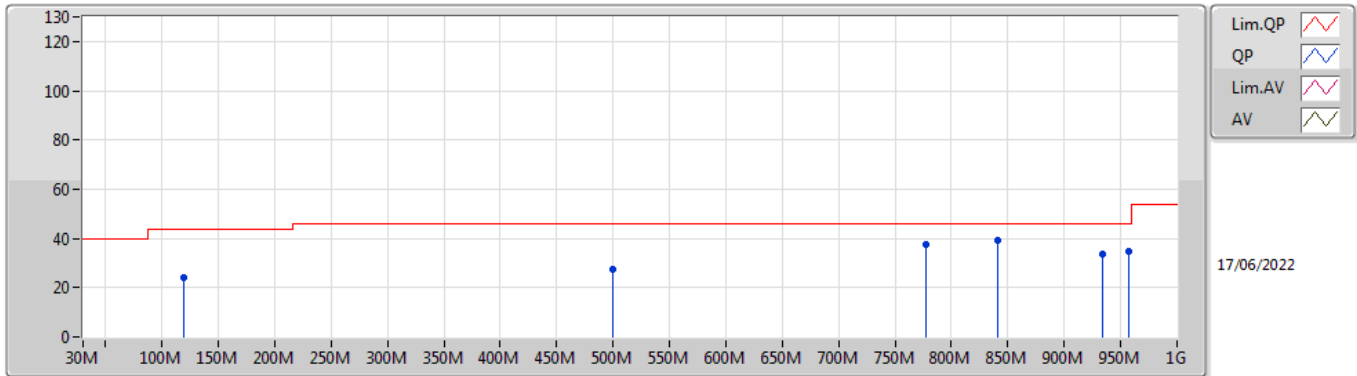
802.11b_Nss1,(1Mbps)_2TX

2412MHz_USB



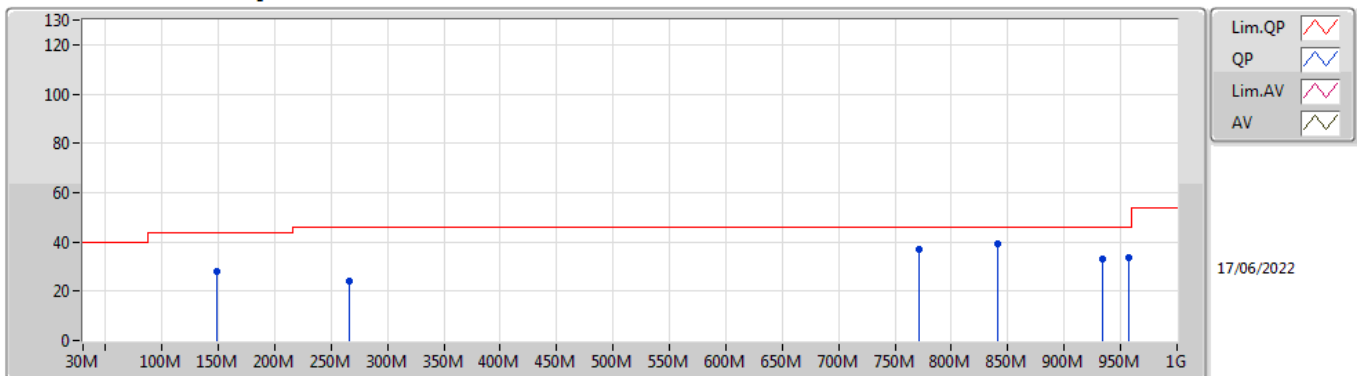
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	55.22M	28.50	40.00	-11.50	-24.79	3	Horizontal	360	1.00	-	53.29	11.63	0.68	37.10
PK	121.18M	31.90	43.50	-11.60	-18.74	3	Horizontal	360	1.00	-	50.64	16.74	1.13	36.61
PK	229.82M	28.61	46.00	-17.39	-19.60	3	Horizontal	360	1.00	-	48.21	15.33	1.47	36.40
PK	493.66M	25.32	46.00	-20.68	-11.58	3	Horizontal	360	1.00	-	36.90	23.04	2.32	36.94
PK	771.08M	36.99	46.00	-9.01	-7.06	3	Horizontal	360	1.00	-	44.05	27.29	3.10	37.45
PK	934.04M	34.26	46.00	-11.74	-4.80	3	Horizontal	360	1.00	-	39.06	29.29	3.34	37.43

802.11b_Nss1,(1Mbps)_2TX 2412MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	24.05	43.50	-19.45	-18.82	3	Vertical	0	1.00	-	42.87	16.69	1.11	36.62
PK	499.48M	27.18	46.00	-18.82	-11.53	3	Vertical	0	1.00	-	38.71	23.11	2.34	36.98
PK	776.9M	37.56	46.00	-8.44	-7.11	3	Vertical	0	1.00	-	44.67	27.25	3.10	37.46
PK	840.92M	39.30	46.00	-6.70	-6.02	3	Vertical	0	1.00	-	45.32	28.39	3.18	37.59
PK	934.04M	33.51	46.00	-12.49	-4.80	3	Vertical	0	1.00	-	38.31	29.29	3.34	37.43
PK	957.32M	34.74	46.00	-11.26	-3.80	3	Vertical	0	1.00	-	38.54	30.14	3.38	37.32

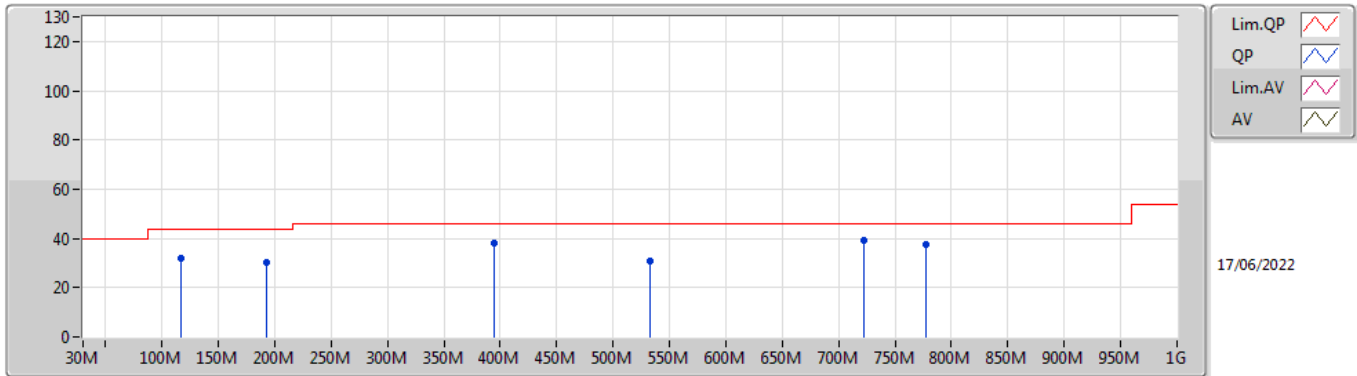
802.11b_Nss1,(1Mbps)_2TX 2412MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.24	43.50	-15.26	-18.72	3	Horizontal	360	1.00	-	46.96	16.37	1.34	36.43
PK	266.68M	24.26	46.00	-21.74	-15.98	3	Horizontal	360	1.00	-	40.24	18.89	1.59	36.46
PK	771.08M	36.71	46.00	-9.29	-7.06	3	Horizontal	360	1.00	-	43.77	27.29	3.10	37.45
PK	840.92M	39.22	46.00	-6.78	-6.02	3	Horizontal	360	1.00	-	45.24	28.39	3.18	37.59
PK	934.04M	33.08	46.00	-12.92	-4.80	3	Horizontal	360	1.00	-	37.88	29.29	3.34	37.43
PK	957.32M	33.64	46.00	-12.36	-3.80	3	Horizontal	360	1.00	-	37.44	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

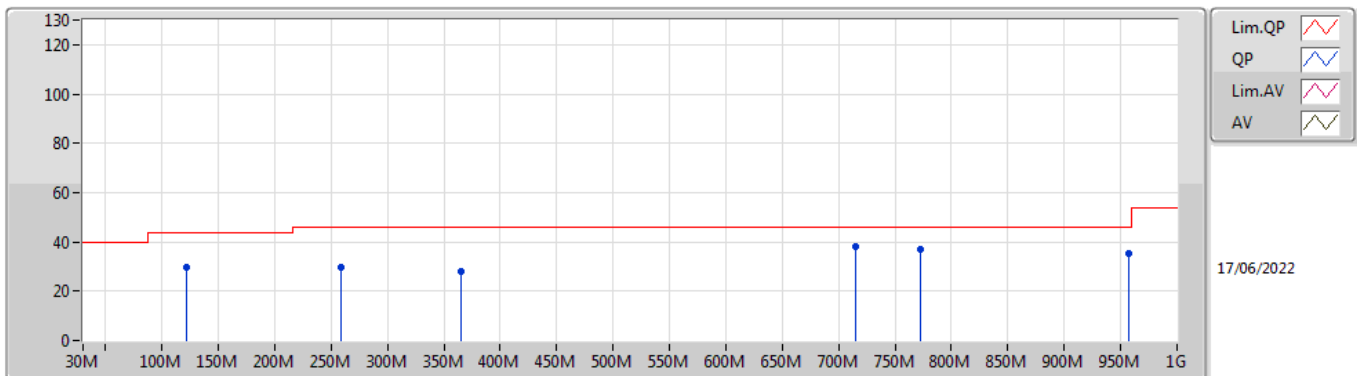
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	117.3M	32.13	43.50	-11.37	-18.93	3	Vertical	360	1.00	-	51.06	16.59	1.10	36.62
PK	192.96M	30.23	43.50	-13.27	-20.87	3	Vertical	360	1.00	-	51.10	14.09	1.38	36.34
PK	394.72M	38.04	46.00	-7.96	-13.72	3	Vertical	360	1.00	-	51.76	20.79	2.00	36.51
PK	532.46M	30.63	46.00	-15.37	-11.55	3	Vertical	360	1.00	-	42.18	23.07	2.46	37.08
PK	722.58M	39.13	46.00	-6.87	-7.94	3	Vertical	360	1.00	-	47.07	26.44	3.01	37.39
PK	776.9M	37.53	46.00	-8.47	-7.11	3	Vertical	360	1.00	-	44.64	27.25	3.10	37.46

802.11b_Nss1,(1Mbps)_2TX

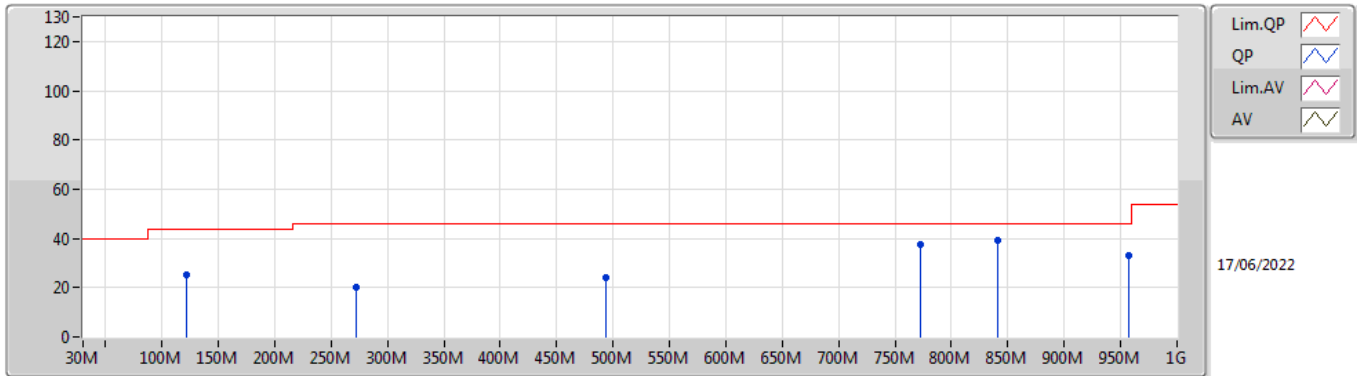
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	29.69	43.50	-13.81	-18.74	3	Horizontal	0	1.00	-	48.43	16.74	1.13	36.61
PK	258.92M	29.53	46.00	-16.47	-15.66	3	Horizontal	0	1.00	-	45.19	19.25	1.56	36.47
PK	365.62M	28.03	46.00	-17.97	-14.69	3	Horizontal	0	1.00	-	42.72	19.91	1.92	36.52
PK	714.82M	38.04	46.00	-7.96	-8.25	3	Horizontal	0	1.00	-	46.29	26.13	2.99	37.37
PK	773.02M	36.84	46.00	-9.16	-7.09	3	Horizontal	0	1.00	-	43.93	27.26	3.10	37.45
PK	957.32M	35.57	46.00	-10.43	-3.80	3	Horizontal	0	1.00	-	39.37	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

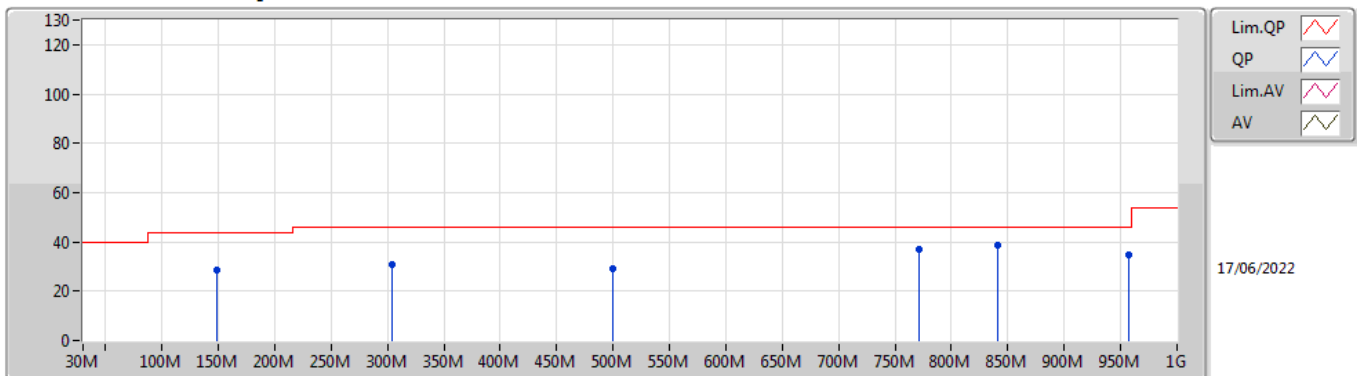
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	25.13	43.50	-18.37	-18.74	3	Vertical	0	1.00	-	43.87	16.74	1.13	36.61
PK	272.5M	20.22	46.00	-25.78	-16.73	3	Vertical	0	1.00	-	36.95	18.11	1.61	36.45
PK	493.66M	23.89	46.00	-22.11	-11.58	3	Vertical	0	1.00	-	35.47	23.04	2.32	36.94
PK	773.02M	37.39	46.00	-8.61	-7.09	3	Vertical	0	1.00	-	44.48	27.26	3.10	37.45
PK	840.92M	39.32	46.00	-6.68	-6.02	3	Vertical	0	1.00	-	45.34	28.39	3.18	37.59
PK	957.32M	32.95	46.00	-13.05	-3.80	3	Vertical	0	1.00	-	36.75	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

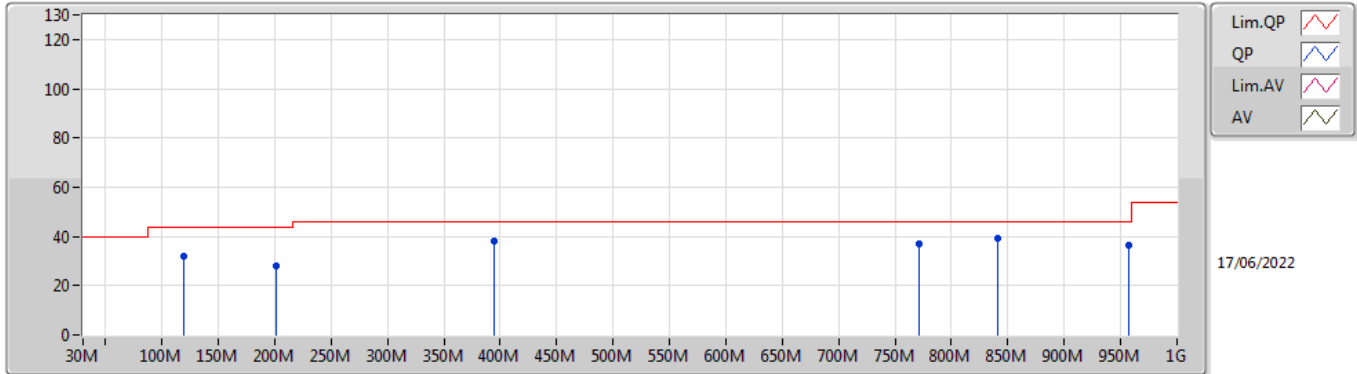
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.70	43.50	-14.80	-18.72	3	Horizontal	360	1.00	-	47.42	16.37	1.34	36.43
PK	303.54M	30.82	46.00	-15.18	-16.32	3	Horizontal	360	1.00	-	47.14	18.38	1.72	36.42
PK	499.48M	28.92	46.00	-17.08	-11.53	3	Horizontal	360	1.00	-	40.45	23.11	2.34	36.98
PK	771.08M	36.89	46.00	-9.11	-7.06	3	Horizontal	360	1.00	-	43.95	27.29	3.10	37.45
PK	840.92M	38.63	46.00	-7.37	-6.02	3	Horizontal	360	1.00	-	44.65	28.39	3.18	37.59
PK	957.32M	34.62	46.00	-11.38	-3.80	3	Horizontal	360	1.00	-	38.42	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

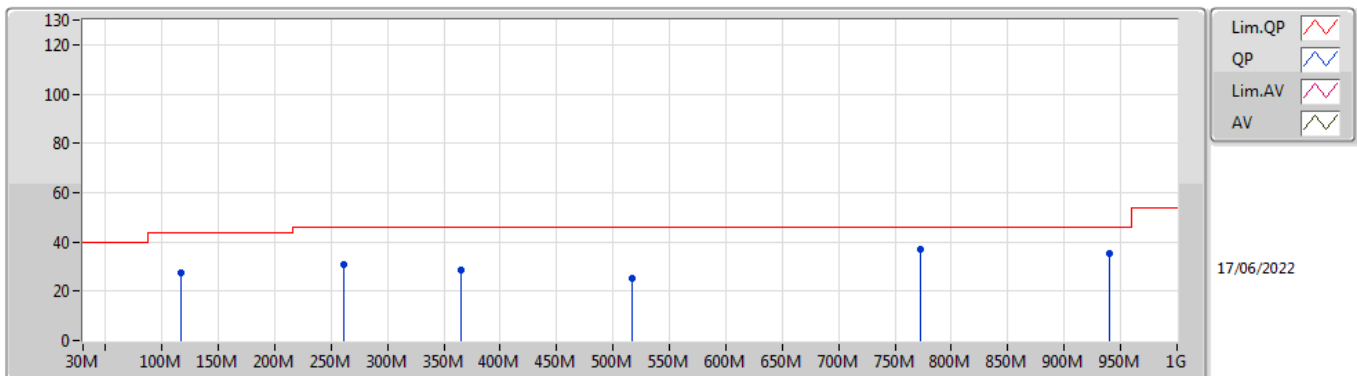
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	32.21	43.50	-11.29	-18.82	3	Vertical	0	1.00	-	51.03	16.69	1.11	36.62
PK	200.72M	28.03	43.50	-15.47	-20.63	3	Vertical	0	1.00	-	48.66	14.25	1.39	36.27
PK	394.72M	37.83	46.00	-8.17	-13.72	3	Vertical	0	1.00	-	51.55	20.79	2.00	36.51
PK	771.08M	36.91	46.00	-9.09	-7.06	3	Vertical	0	1.00	-	43.97	27.29	3.10	37.45
PK	840.92M	39.33	46.00	-6.67	-6.02	3	Vertical	0	1.00	-	45.35	28.39	3.18	37.59
PK	957.32M	36.66	46.00	-9.34	-3.80	3	Vertical	0	1.00	-	40.46	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

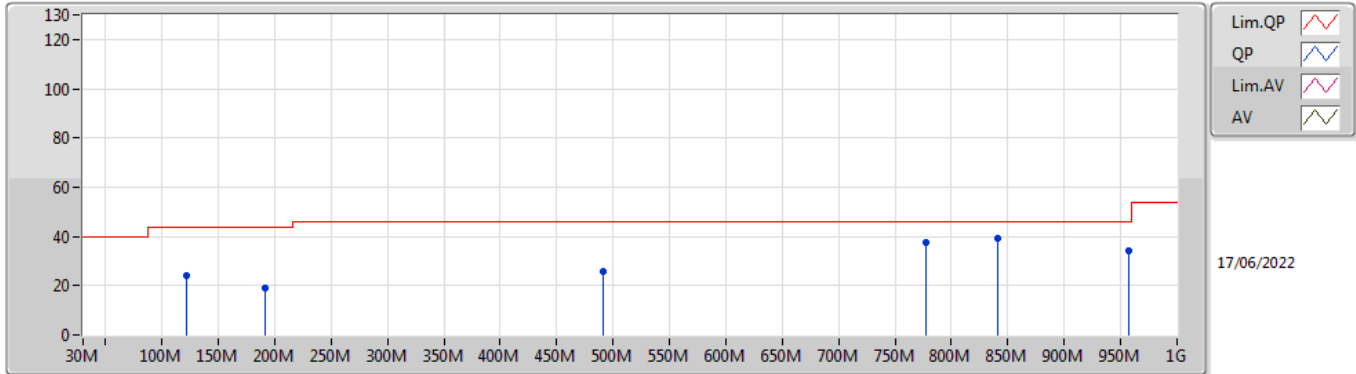
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	117.3M	27.19	43.50	-16.31	-18.93	3	Horizontal	360	1.00	-	46.12	16.59	1.10	36.62
PK	260.86M	30.84	46.00	-15.16	-15.50	3	Horizontal	360	1.00	-	46.34	19.39	1.57	36.46
PK	365.62M	28.31	46.00	-17.69	-14.69	3	Horizontal	360	1.00	-	43.00	19.91	1.92	36.52
PK	516.94M	25.40	46.00	-20.60	-11.51	3	Horizontal	360	1.00	-	36.91	23.12	2.40	37.03
PK	773.02M	36.93	46.00	-9.07	-7.09	3	Horizontal	360	1.00	-	44.02	27.26	3.10	37.45
PK	939.86M	35.24	46.00	-10.76	-4.50	3	Horizontal	360	1.00	-	39.74	29.55	3.35	37.40

802.11b_Nss1,(1Mbps)_2TX

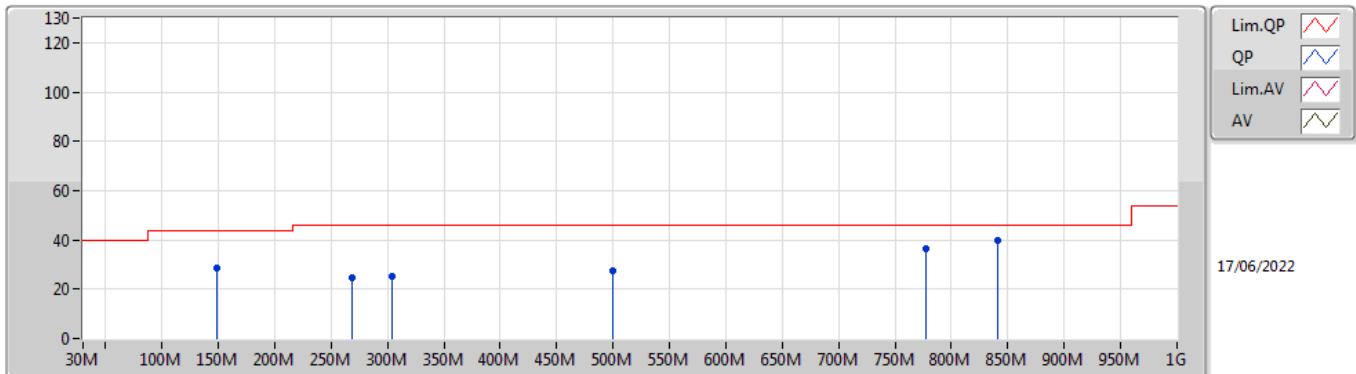
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.20	43.50	-19.30	-18.74	3	Vertical	0	1.00	-	42.94	16.74	1.13	36.61
PK	191.02M	19.14	43.50	-24.36	-20.92	3	Vertical	0	1.00	-	40.06	14.06	1.38	36.36
PK	491.72M	25.53	46.00	-20.47	-11.60	3	Vertical	0	1.00	-	37.13	23.02	2.31	36.93
PK	776.9M	37.54	46.00	-8.46	-7.11	3	Vertical	0	1.00	-	44.65	27.25	3.10	37.46
PK	840.92M	39.16	46.00	-6.84	-6.02	3	Vertical	0	1.00	-	45.18	28.39	3.18	37.59
PK	957.32M	34.23	46.00	-11.77	-3.80	3	Vertical	0	1.00	-	38.03	30.14	3.38	37.32

802.11b_Nss1,(1Mbps)_2TX

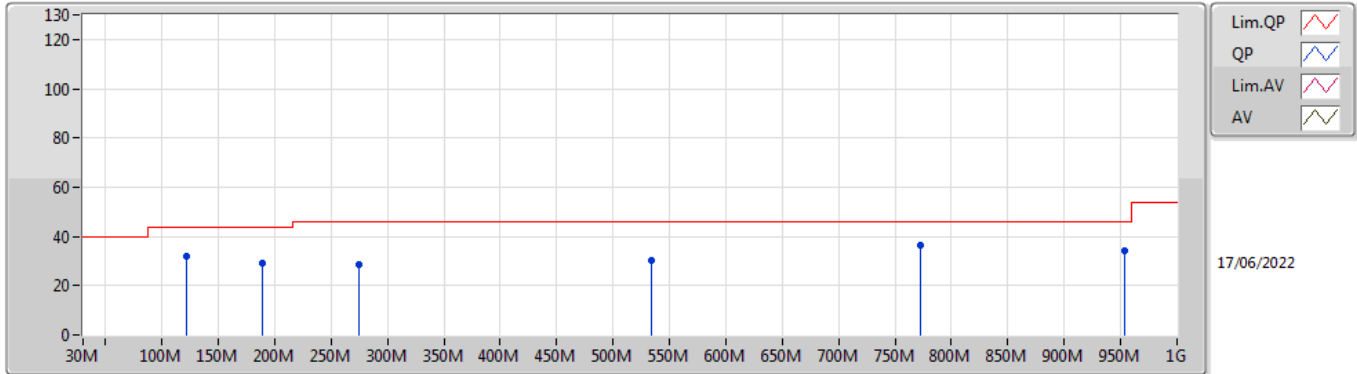
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.67	43.50	-14.83	-18.72	3	Horizontal	360	1.00	-	47.39	16.37	1.34	36.43
PK	268.62M	24.91	46.00	-21.09	-16.32	3	Horizontal	360	1.00	-	41.23	18.53	1.60	36.45
PK	303.54M	25.38	46.00	-20.62	-16.32	3	Horizontal	360	1.00	-	41.70	18.38	1.72	36.42
PK	499.48M	27.66	46.00	-18.34	-11.53	3	Horizontal	360	1.00	-	39.19	23.11	2.34	36.98
PK	776.9M	36.45	46.00	-9.55	-7.11	3	Horizontal	360	1.00	-	43.56	27.25	3.10	37.46
PK	840.92M	39.63	46.00	-6.37	-6.02	3	Horizontal	360	1.00	-	45.65	28.39	3.18	37.59

802.11g_Nss1,(6Mbps)_2TX

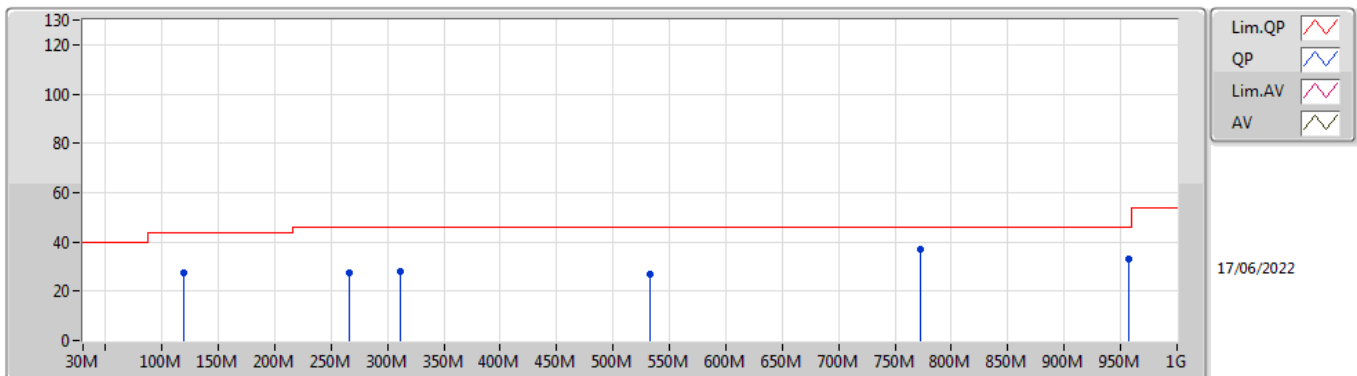
2412MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	31.97	43.50	-11.53	-18.74	3	Vertical	360	1.00	-	50.71	16.74	1.13	36.61
PK	189.08M	29.09	43.50	-14.41	-20.97	3	Vertical	360	1.00	-	50.06	14.04	1.37	36.38
PK	274.44M	28.42	46.00	-17.58	-16.85	3	Vertical	360	1.00	-	45.27	17.98	1.62	36.45
PK	534.4M	30.14	46.00	-15.86	-11.53	3	Vertical	360	1.00	-	41.67	23.08	2.47	37.08
PK	773.02M	36.62	46.00	-9.38	-7.09	3	Vertical	360	1.00	-	43.71	27.26	3.10	37.45
PK	953.44M	34.25	46.00	-11.75	-3.90	3	Vertical	360	1.00	-	38.15	30.07	3.37	37.34

802.11g_Nss1,(6Mbps)_2TX

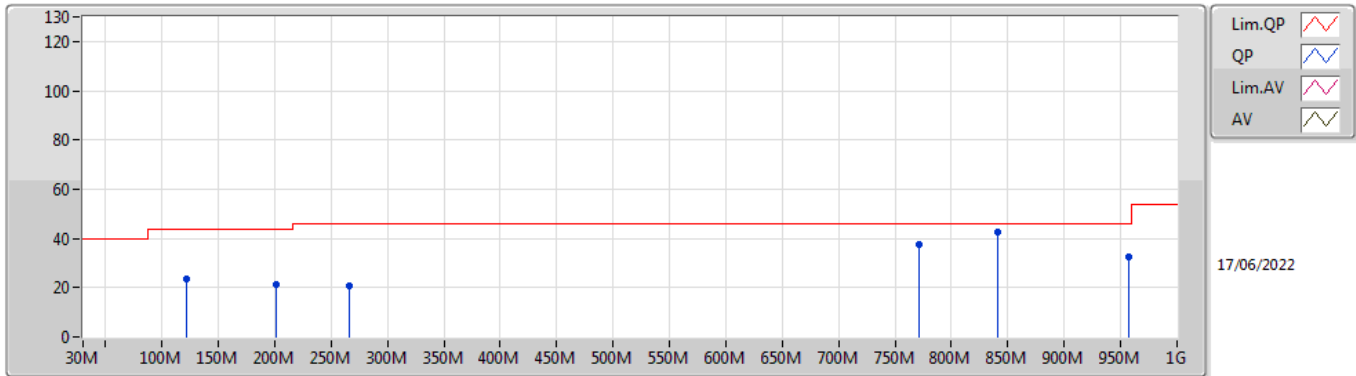
2412MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	27.62	43.50	-15.88	-18.82	3	Horizontal	0	1.00	-	46.44	16.69	1.11	36.62
PK	266.68M	27.27	46.00	-18.73	-15.98	3	Horizontal	0	1.00	-	43.25	18.89	1.59	36.46
PK	311.3M	27.85	46.00	-18.15	-16.25	3	Horizontal	0	1.00	-	44.10	18.44	1.75	36.44
PK	532.46M	27.00	46.00	-19.00	-11.55	3	Horizontal	0	1.00	-	38.55	23.07	2.46	37.08
PK	773.02M	36.84	46.00	-9.16	-7.09	3	Horizontal	0	1.00	-	43.93	27.26	3.10	37.45
PK	957.32M	32.95	46.00	-13.05	-3.80	3	Horizontal	0	1.00	-	36.75	30.14	3.38	37.32

802.11g_Nss1,(6Mbps)_2TX

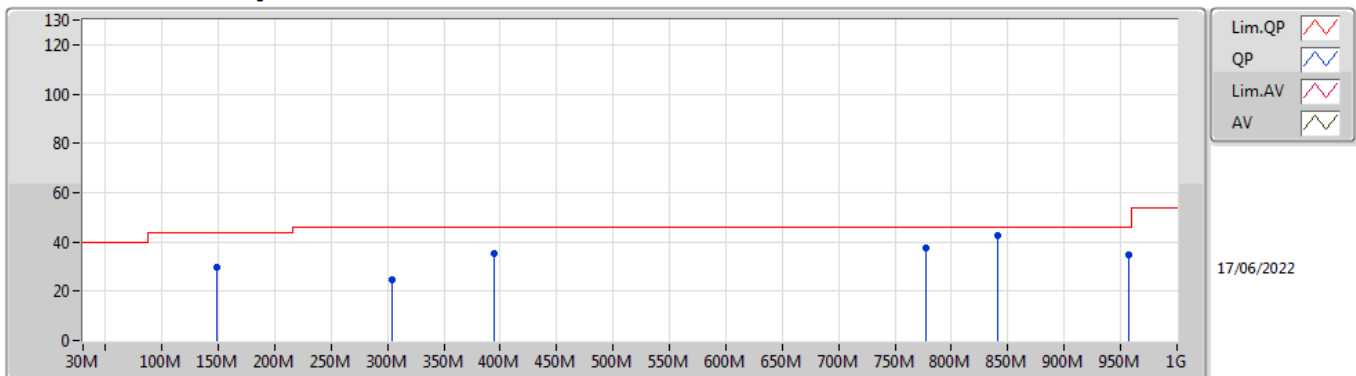
2412MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	23.52	43.50	-19.98	-18.74	3	Vertical	0	1.00	-	42.26	16.74	1.13	36.61
PK	200.72M	21.22	43.50	-22.28	-20.63	3	Vertical	0	1.00	-	41.85	14.25	1.39	36.27
PK	266.68M	20.56	46.00	-25.44	-15.98	3	Vertical	0	1.00	-	36.54	18.89	1.59	36.46
PK	771.08M	37.47	46.00	-8.53	-7.06	3	Vertical	0	1.00	-	44.53	27.29	3.10	37.45
PK	840.92M	42.70	46.00	-3.30	-6.02	3	Vertical	0	1.00	-	48.72	28.39	3.18	37.59
PK	957.32M	32.69	46.00	-13.31	-3.80	3	Vertical	0	1.00	-	36.49	30.14	3.38	37.32

802.11g_Nss1,(6Mbps)_2TX

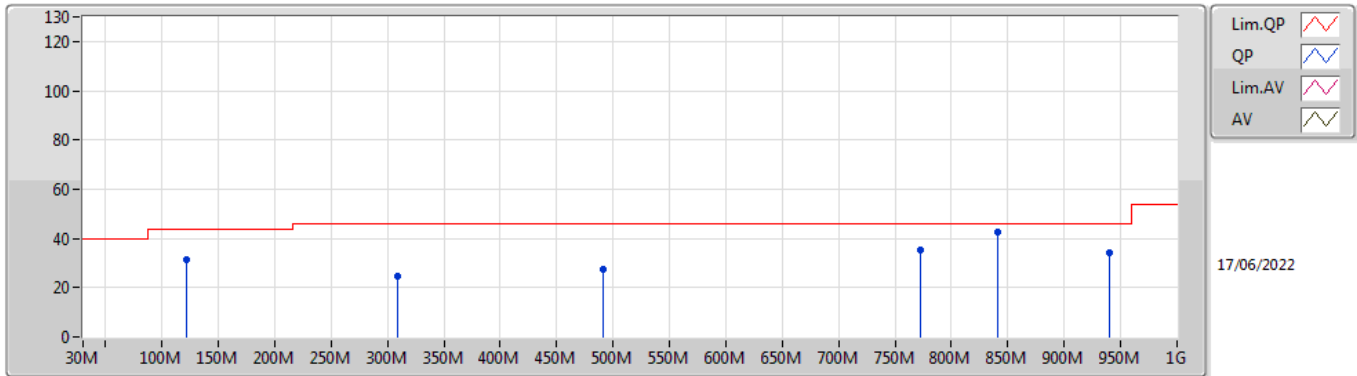
2412MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	29.43	43.50	-14.07	-18.72	3	Horizontal	360	1.00	-	48.15	16.37	1.34	36.43
PK	303.54M	24.77	46.00	-21.23	-16.32	3	Horizontal	360	1.00	-	41.09	18.38	1.72	36.42
PK	394.72M	35.10	46.00	-10.90	-13.72	3	Horizontal	360	1.00	-	48.82	20.79	2.00	36.51
PK	776.9M	37.33	46.00	-8.67	-7.11	3	Horizontal	360	1.00	-	44.44	27.25	3.10	37.46
PK	840.92M	42.72	46.00	-3.28	-6.02	3	Horizontal	360	1.00	-	48.74	28.39	3.18	37.59
PK	957.32M	34.64	46.00	-11.36	-3.80	3	Horizontal	360	1.00	-	38.44	30.14	3.38	37.32

802.11g_Nss1,(6Mbps)_2TX

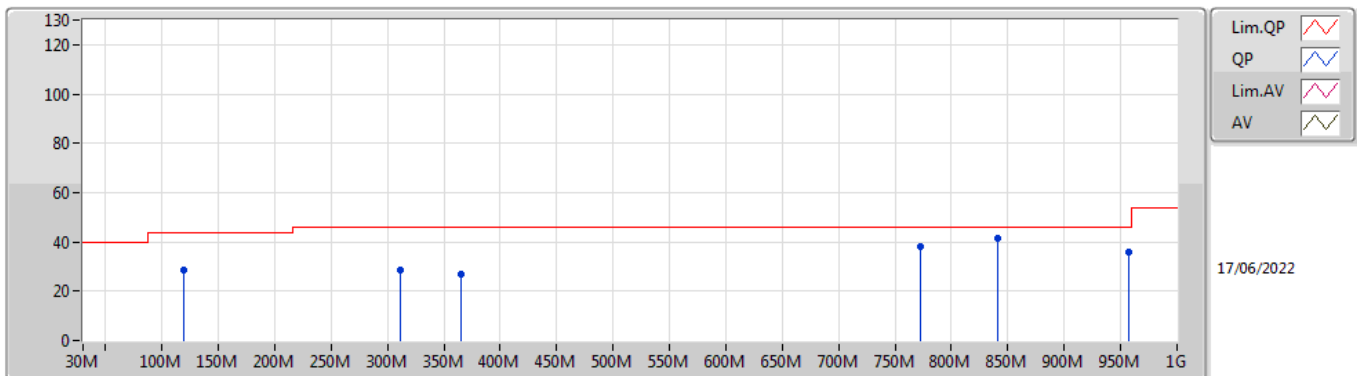
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	31.31	43.50	-12.19	-18.74	3	Vertical	0	1.00	-	50.05	16.74	1.13	36.61
PK	309.36M	24.63	46.00	-21.37	-16.28	3	Vertical	0	1.00	-	40.91	18.41	1.74	36.43
PK	491.72M	27.61	46.00	-18.39	-11.60	3	Vertical	0	1.00	-	39.21	23.02	2.31	36.93
PK	773.02M	35.55	46.00	-10.45	-7.09	3	Vertical	0	1.00	-	42.64	27.26	3.10	37.45
PK	840.92M	42.55	46.00	-3.45	-6.02	3	Vertical	0	1.00	-	48.57	28.39	3.18	37.59
PK	939.86M	33.99	46.00	-12.01	-4.50	3	Vertical	0	1.00	-	38.49	29.55	3.35	37.40

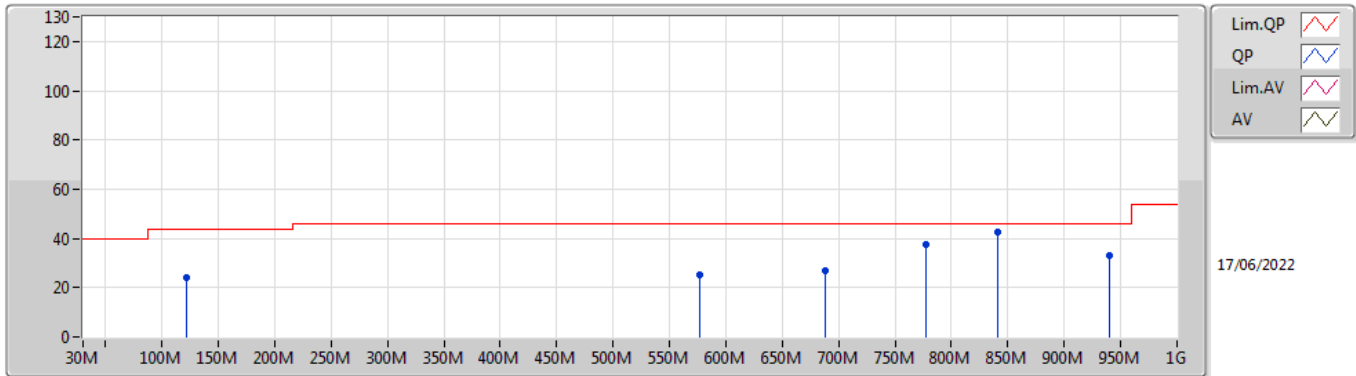
802.11g_Nss1,(6Mbps)_2TX

2437MHz_USB



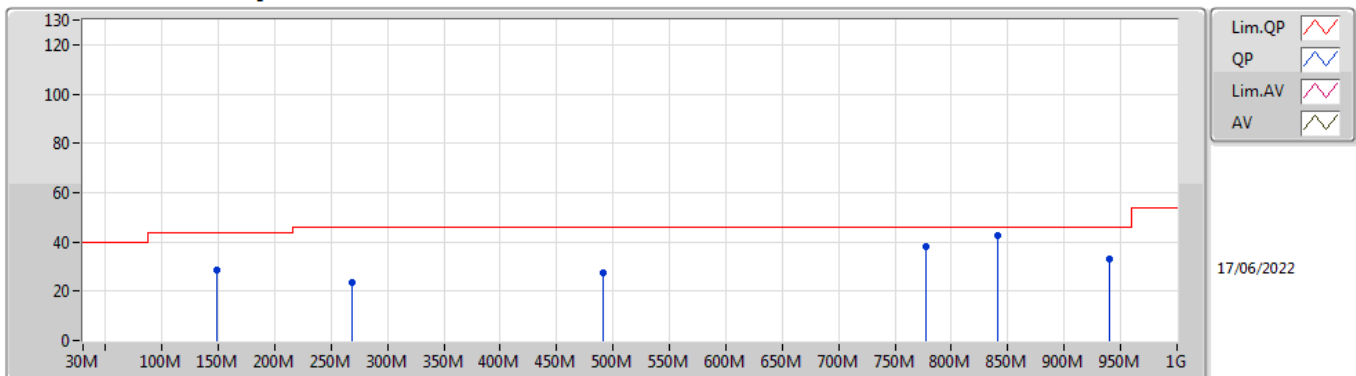
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	28.51	43.50	-14.99	-18.82	3	Horizontal	360	1.00	-	47.33	16.69	1.11	36.62
PK	311.3M	28.64	46.00	-17.36	-16.25	3	Horizontal	360	1.00	-	44.89	18.44	1.75	36.44
PK	365.62M	27.10	46.00	-18.90	-14.69	3	Horizontal	360	1.00	-	41.79	19.91	1.92	36.52
PK	773.02M	37.91	46.00	-8.09	-7.09	3	Horizontal	360	1.00	-	45.00	27.26	3.10	37.45
PK	840.92M	41.58	46.00	-4.42	-6.02	3	Horizontal	360	1.00	-	47.60	28.39	3.18	37.59
PK	957.32M	36.10	46.00	-9.90	-3.80	3	Horizontal	360	1.00	-	39.90	30.14	3.38	37.32

802.11g_Nss1,(6Mbps)_2TX 2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.08	43.50	-19.42	-18.74	3	Vertical	360	1.00	-	42.82	16.74	1.13	36.61
PK	577.08M	24.99	46.00	-21.01	-9.55	3	Vertical	360	1.00	-	34.54	24.96	2.60	37.11
PK	687.66M	26.74	46.00	-19.26	-8.65	3	Vertical	360	1.00	-	35.39	25.72	2.94	37.31
PK	776.9M	37.57	46.00	-8.43	-7.11	3	Vertical	360	1.00	-	44.68	27.25	3.10	37.46
PK	840.92M	42.67	46.00	-3.33	-6.02	3	Vertical	360	1.00	-	48.69	28.39	3.18	37.59
PK	939.86M	33.34	46.00	-12.66	-4.50	3	Vertical	360	1.00	-	37.84	29.55	3.35	37.40

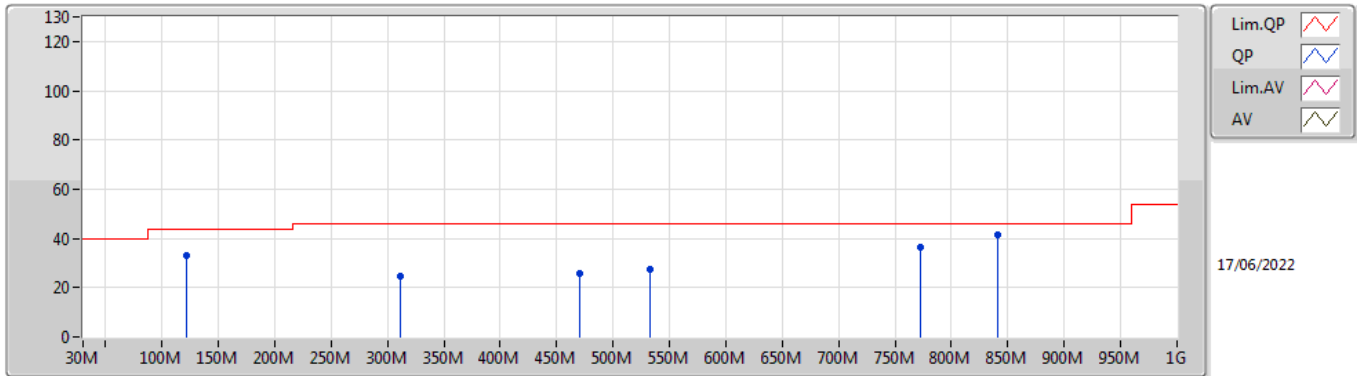
802.11g_Nss1,(6Mbps)_2TX 2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.58	43.50	-14.92	-18.72	3	Horizontal	0	1.00	-	47.30	16.37	1.34	36.43
PK	268.62M	23.60	46.00	-22.40	-16.32	3	Horizontal	0	1.00	-	39.92	18.53	1.60	36.45
PK	491.72M	27.38	46.00	-18.62	-11.60	3	Horizontal	0	1.00	-	38.98	23.02	2.31	36.93
PK	776.9M	37.86	46.00	-8.14	-7.11	3	Horizontal	0	1.00	-	44.97	27.25	3.10	37.46
PK	840.92M	42.79	46.00	-3.21	-6.02	3	Horizontal	0	1.00	-	48.81	28.39	3.18	37.59
PK	939.86M	33.07	46.00	-12.93	-4.50	3	Horizontal	0	1.00	-	37.57	29.55	3.35	37.40

802.11g_Nss1,(6Mbps)_2TX

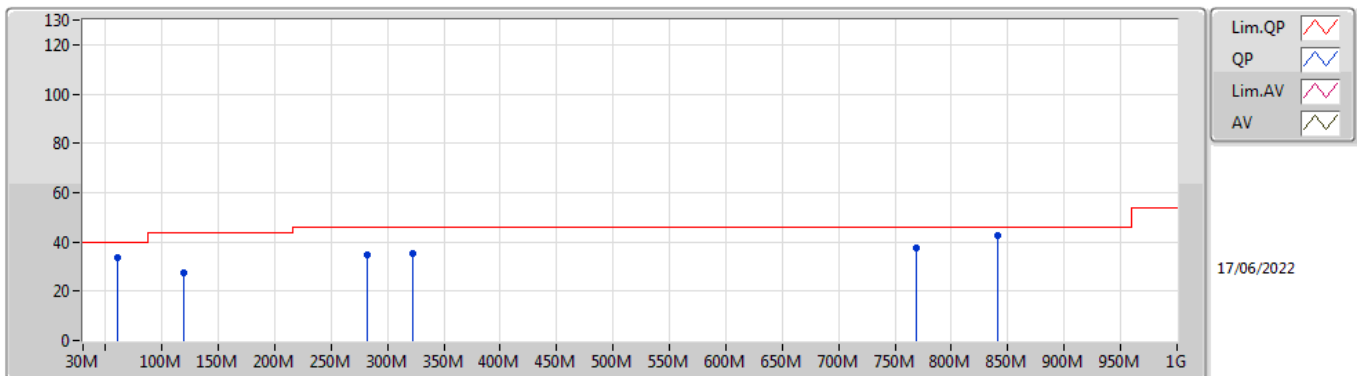
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	33.13	43.50	-10.37	-18.74	3	Vertical	0	1.00	-	51.87	16.74	1.13	36.61
PK	311.3M	24.40	46.00	-21.60	-16.25	3	Vertical	0	1.00	-	40.65	18.44	1.75	36.44
PK	470.38M	25.65	46.00	-20.35	-11.82	3	Vertical	0	1.00	-	37.47	22.71	2.25	36.78
PK	532.46M	27.23	46.00	-18.77	-11.55	3	Vertical	0	1.00	-	38.78	23.07	2.46	37.08
PK	773.02M	36.53	46.00	-9.47	-7.09	3	Vertical	0	1.00	-	43.62	27.26	3.10	37.45
PK	840.92M	41.34	46.00	-4.66	-6.02	3	Vertical	0	1.00	-	47.36	28.39	3.18	37.59

802.11g_Nss1,(6Mbps)_2TX

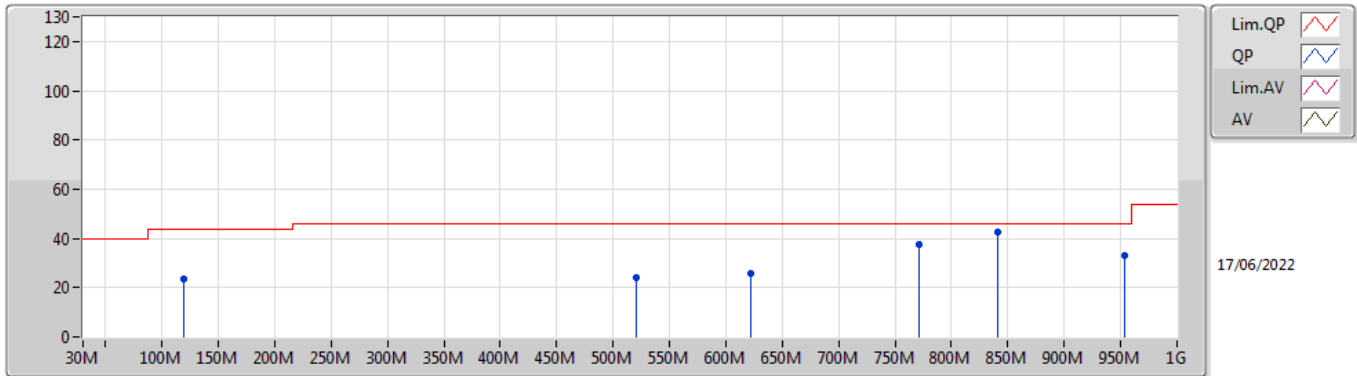
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	61.04M	33.89	40.00	-6.11	-25.33	3	Horizontal	360	1.00	-	59.22	11.04	0.70	37.07
PK	119.24M	27.65	43.50	-15.85	-18.82	3	Horizontal	360	1.00	-	46.47	16.69	1.11	36.62
PK	282.2M	34.82	46.00	-11.18	-16.76	3	Horizontal	360	1.00	-	51.58	18.02	1.65	36.43
PK	322.94M	35.50	46.00	-10.50	-15.98	3	Horizontal	360	1.00	-	51.48	18.70	1.79	36.47
PK	769.14M	37.82	46.00	-8.18	-7.06	3	Horizontal	360	1.00	-	44.88	27.30	3.09	37.45
PK	840.92M	42.32	46.00	-3.68	-6.02	3	Horizontal	360	1.00	-	48.34	28.39	3.18	37.59

802.11g_Nss1,(6Mbps)_2TX

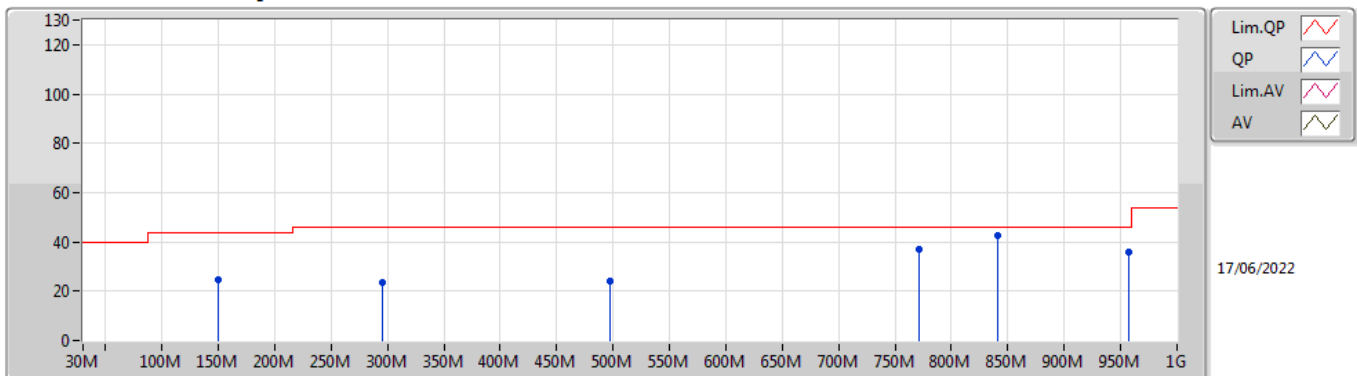
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	23.58	43.50	-19.92	-18.82	3	Vertical	360	1.00	-	42.40	16.69	1.11	36.62
PK	520.82M	24.23	46.00	-21.77	-11.54	3	Vertical	360	1.00	-	35.77	23.08	2.42	37.04
PK	621.7M	25.54	46.00	-20.46	-8.92	3	Vertical	360	1.00	-	34.46	25.44	2.76	37.12
PK	771.08M	37.28	46.00	-8.72	-7.06	3	Vertical	360	1.00	-	44.34	27.29	3.10	37.45
PK	840.92M	42.42	46.00	-3.58	-6.02	3	Vertical	360	1.00	-	48.44	28.39	3.18	37.59
PK	953.44M	33.01	46.00	-12.99	-3.90	3	Vertical	360	1.00	-	36.91	30.07	3.37	37.34

802.11g_Nss1,(6Mbps)_2TX

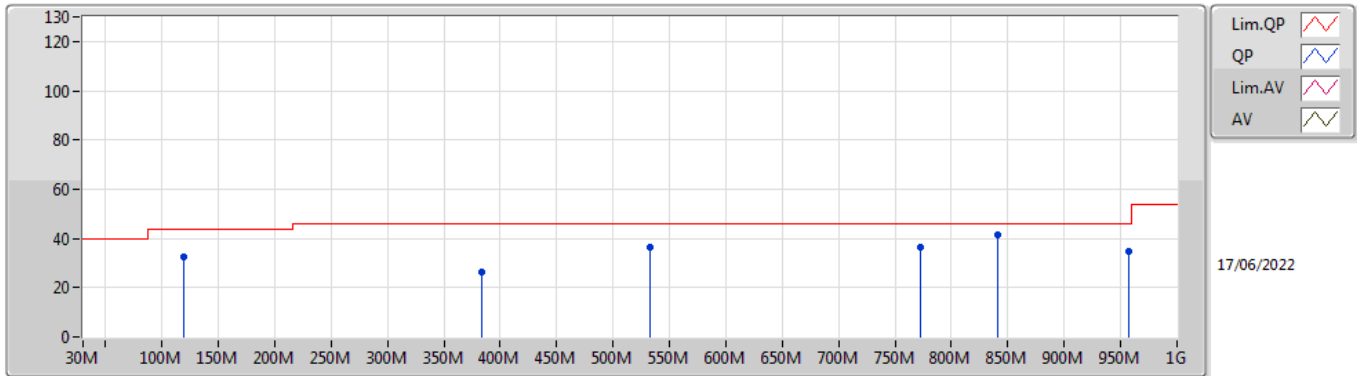
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	150.28M	24.50	43.50	-19.00	-18.74	3	Horizontal	0	1.00	-	43.24	16.35	1.34	36.43
PK	295.78M	23.60	46.00	-22.40	-16.34	3	Horizontal	0	1.00	-	39.94	18.39	1.69	36.42
PK	497.54M	24.15	46.00	-21.85	-11.54	3	Horizontal	0	1.00	-	35.69	23.09	2.33	36.96
PK	771.08M	37.01	46.00	-8.99	-7.06	3	Horizontal	0	1.00	-	44.07	27.29	3.10	37.45
PK	840.92M	42.77	46.00	-3.23	-6.02	3	Horizontal	0	1.00	-	48.79	28.39	3.18	37.59
PK	957.32M	36.13	46.00	-9.87	-3.80	3	Horizontal	0	1.00	-	39.93	30.14	3.38	37.32

802.11n HT20_Nss1,(MCS0)_2TX

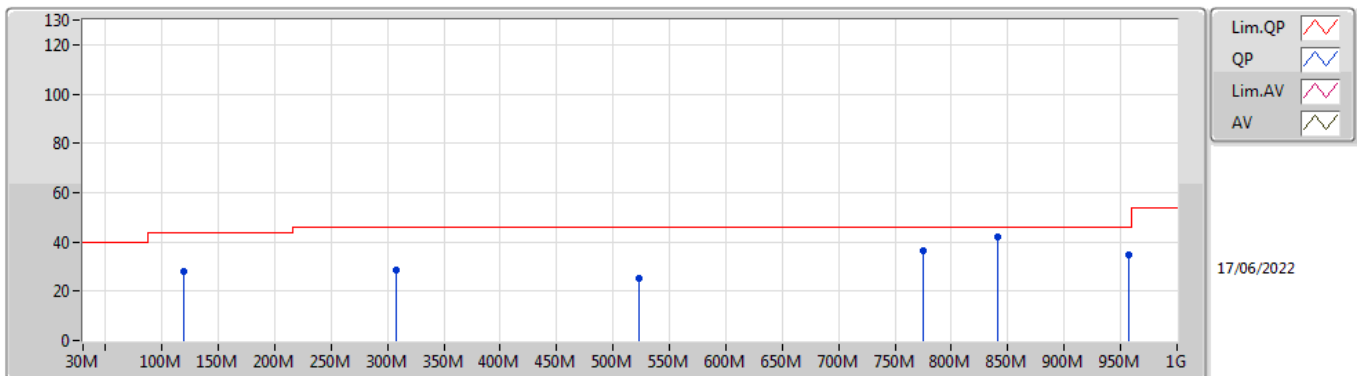
2412MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	32.30	43.50	-11.20	-18.82	3	Vertical	360	1.00	-	51.12	16.69	1.11	36.62
PK	383.08M	26.31	46.00	-19.69	-14.17	3	Vertical	360	1.00	-	40.48	20.38	1.97	36.52
PK	532.46M	36.15	46.00	-9.85	-11.55	3	Vertical	360	1.00	-	47.70	23.07	2.46	37.08
PK	773.02M	36.50	46.00	-9.50	-7.09	3	Vertical	360	1.00	-	43.59	27.26	3.10	37.45
PK	840.92M	41.64	46.00	-4.36	-6.02	3	Vertical	360	1.00	-	47.66	28.39	3.18	37.59
PK	957.32M	34.49	46.00	-11.51	-3.80	3	Vertical	360	1.00	-	38.29	30.14	3.38	37.32

802.11n HT20_Nss1,(MCS0)_2TX

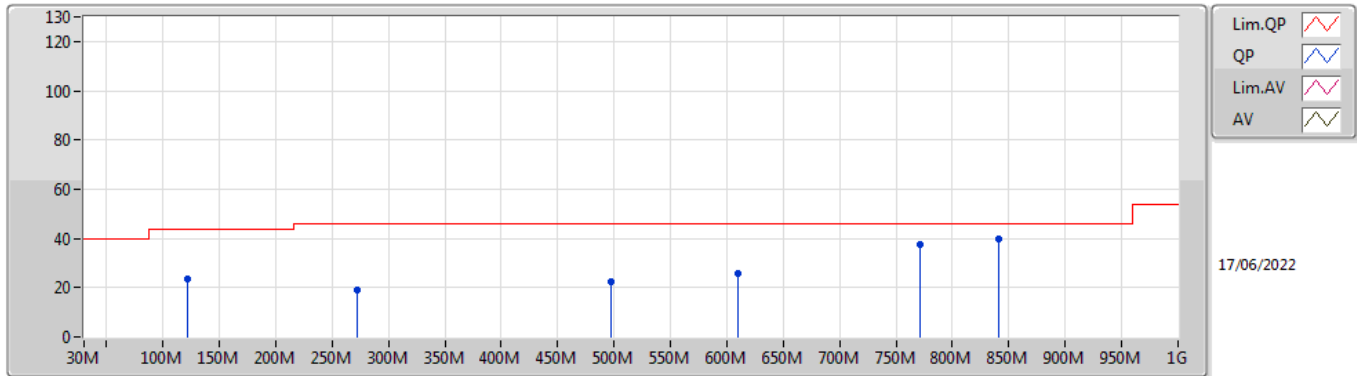
2412MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	28.15	43.50	-15.35	-18.82	3	Horizontal	0	1.00	-	46.97	16.69	1.11	36.62
PK	307.42M	28.72	46.00	-17.28	-16.29	3	Horizontal	0	1.00	-	45.01	18.40	1.74	36.43
PK	522.76M	25.15	46.00	-20.85	-11.56	3	Horizontal	0	1.00	-	36.71	23.06	2.43	37.05
PK	774.96M	36.68	46.00	-9.32	-7.13	3	Horizontal	0	1.00	-	43.81	27.22	3.10	37.45
PK	840.92M	41.91	46.00	-4.09	-6.02	3	Horizontal	0	1.00	-	47.93	28.39	3.18	37.59
PK	957.32M	34.58	46.00	-11.42	-3.80	3	Horizontal	0	1.00	-	38.38	30.14	3.38	37.32

802.11n HT20_Nss1,(MCS0)_2TX

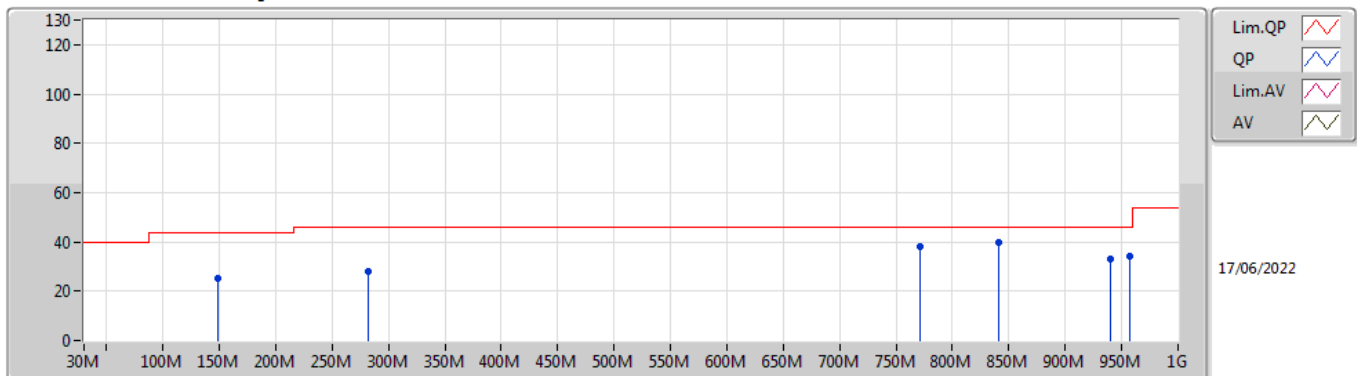
2412MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	23.55	43.50	-19.95	-18.74	3	Vertical	0	1.00	-	42.29	16.74	1.13	36.61
PK	272.5M	19.22	46.00	-26.78	-16.73	3	Vertical	0	1.00	-	35.95	18.11	1.61	36.45
PK	497.54M	22.42	46.00	-23.58	-11.54	3	Vertical	0	1.00	-	33.96	23.09	2.33	36.96
PK	610.06M	25.56	46.00	-20.44	-9.45	3	Vertical	0	1.00	-	35.01	24.96	2.70	37.11
PK	771.08M	37.39	46.00	-8.61	-7.06	3	Vertical	0	1.00	-	44.45	27.29	3.10	37.45
PK	840.92M	39.54	46.00	-6.46	-6.02	3	Vertical	0	1.00	-	45.56	28.39	3.18	37.59

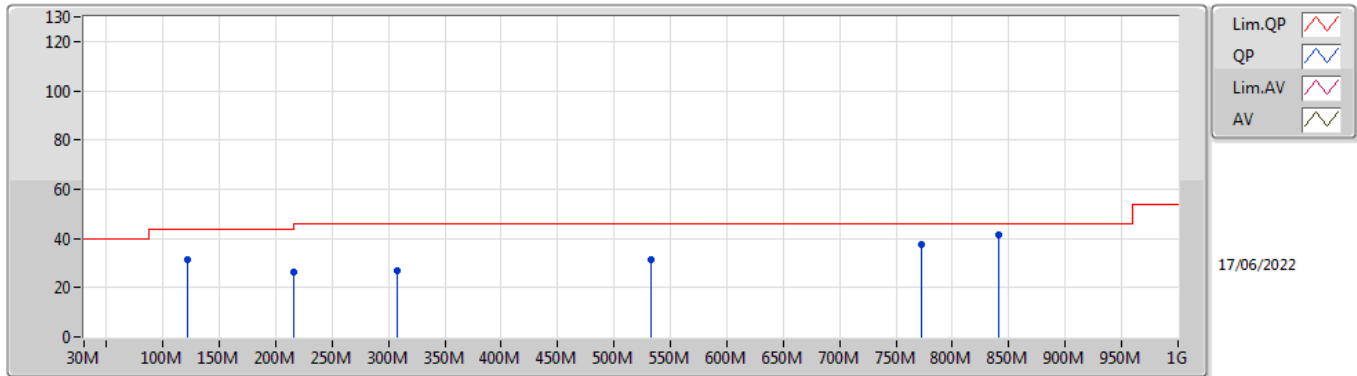
802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_Adapter



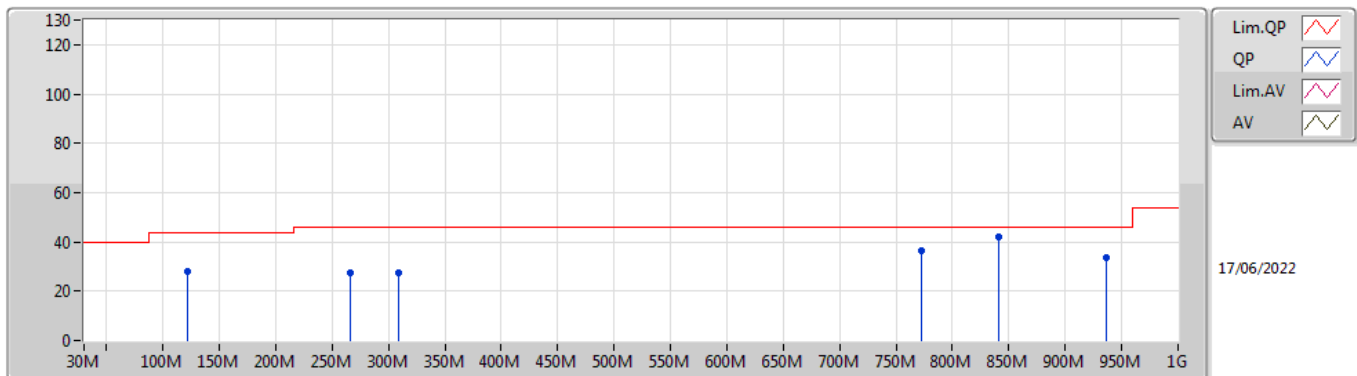
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	25.43	43.50	-18.07	-18.72	3	Horizontal	360	1.00	-	44.15	16.37	1.34	36.43
PK	282.2M	27.95	46.00	-18.05	-16.76	3	Horizontal	360	1.00	-	44.71	18.02	1.65	36.43
PK	771.08M	37.87	46.00	-8.13	-7.06	3	Horizontal	360	1.00	-	44.93	27.29	3.10	37.45
PK	840.92M	39.62	46.00	-6.38	-6.02	3	Horizontal	360	1.00	-	45.64	28.39	3.18	37.59
PK	939.86M	33.04	46.00	-12.96	-4.50	3	Horizontal	360	1.00	-	37.54	29.55	3.35	37.40
PK	957.32M	34.14	46.00	-11.86	-3.80	3	Horizontal	360	1.00	-	37.94	30.14	3.38	37.32

802.11n HT20_Nss1,(MCS0)_2TX
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	31.53	43.50	-11.97	-18.74	3	Vertical	360	1.00	-	50.27	16.74	1.13	36.61
PK	216M	26.50	43.50	-17.00	-20.86	3	Vertical	360	1.00	-	47.36	14.05	1.43	36.34
PK	307.42M	26.68	46.00	-19.32	-16.29	3	Vertical	360	1.00	-	42.97	18.40	1.74	36.43
PK	532.46M	31.42	46.00	-14.58	-11.55	3	Vertical	360	1.00	-	42.97	23.07	2.46	37.08
PK	773.02M	37.79	46.00	-8.21	-7.09	3	Vertical	360	1.00	-	44.88	27.26	3.10	37.45
PK	840.92M	41.51	46.00	-4.49	-6.02	3	Vertical	360	1.00	-	47.53	28.39	3.18	37.59

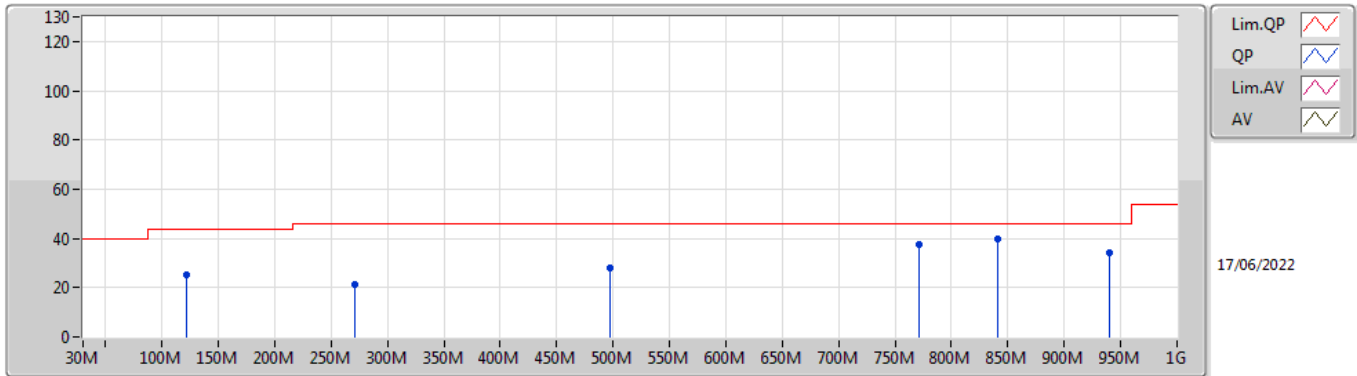
802.11n HT20_Nss1,(MCS0)_2TX
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	27.90	43.50	-15.60	-18.74	3	Horizontal	0	1.00	-	46.64	16.74	1.13	36.61
PK	266.68M	27.67	46.00	-18.33	-15.98	3	Horizontal	0	1.00	-	43.65	18.89	1.59	36.46
PK	309.36M	27.51	46.00	-18.49	-16.28	3	Horizontal	0	1.00	-	43.79	18.41	1.74	36.43
PK	773.02M	36.18	46.00	-9.82	-7.09	3	Horizontal	0	1.00	-	43.27	27.26	3.10	37.45
PK	840.92M	42.04	46.00	-3.96	-6.02	3	Horizontal	0	1.00	-	48.06	28.39	3.18	37.59
PK	935.98M	33.85	46.00	-12.15	-4.69	3	Horizontal	0	1.00	-	38.54	29.38	3.35	37.42

802.11n HT20_Nss1,(MCS0)_2TX

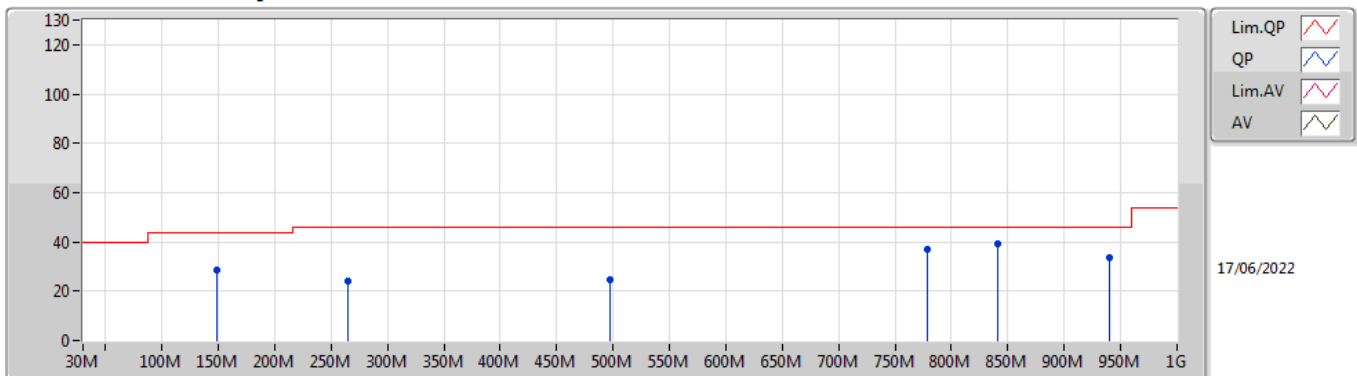
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	25.15	43.50	-18.35	-18.74	3	Vertical	0	1.00	-	43.89	16.74	1.13	36.61
PK	270.56M	21.47	46.00	-24.53	-16.61	3	Vertical	0	1.00	-	38.08	18.24	1.60	36.45
PK	497.54M	28.11	46.00	-17.89	-11.54	3	Vertical	0	1.00	-	39.65	23.09	2.33	36.96
PK	771.08M	37.50	46.00	-8.50	-7.06	3	Vertical	0	1.00	-	44.56	27.29	3.10	37.45
PK	840.92M	39.96	46.00	-6.04	-6.02	3	Vertical	0	1.00	-	45.98	28.39	3.18	37.59
PK	939.86M	34.27	46.00	-11.73	-4.50	3	Vertical	0	1.00	-	38.77	29.55	3.35	37.40

802.11n HT20_Nss1,(MCS0)_2TX

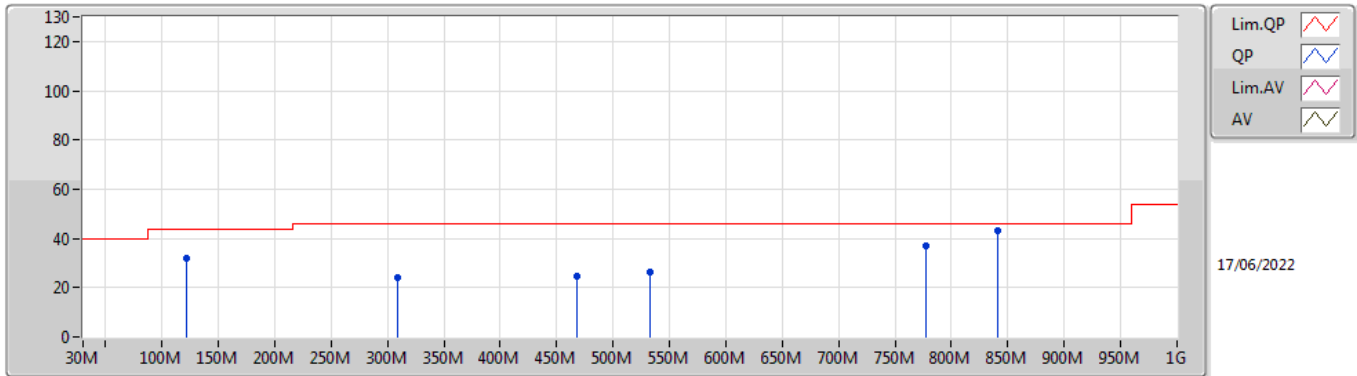
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.38	43.50	-15.12	-18.72	3	Horizontal	360	1.00	-	47.10	16.37	1.34	36.43
PK	264.74M	24.05	46.00	-21.95	-15.67	3	Horizontal	360	1.00	-	39.72	19.21	1.58	36.46
PK	497.54M	24.49	46.00	-21.51	-11.54	3	Horizontal	360	1.00	-	36.03	23.09	2.33	36.96
PK	778.84M	36.94	46.00	-9.06	-7.09	3	Horizontal	360	1.00	-	44.03	27.27	3.10	37.46
PK	840.92M	39.31	46.00	-6.69	-6.02	3	Horizontal	360	1.00	-	45.33	28.39	3.18	37.59
PK	939.86M	33.44	46.00	-12.56	-4.50	3	Horizontal	360	1.00	-	37.94	29.55	3.35	37.40

802.11n HT20_Nss1,(MCS0)_2TX

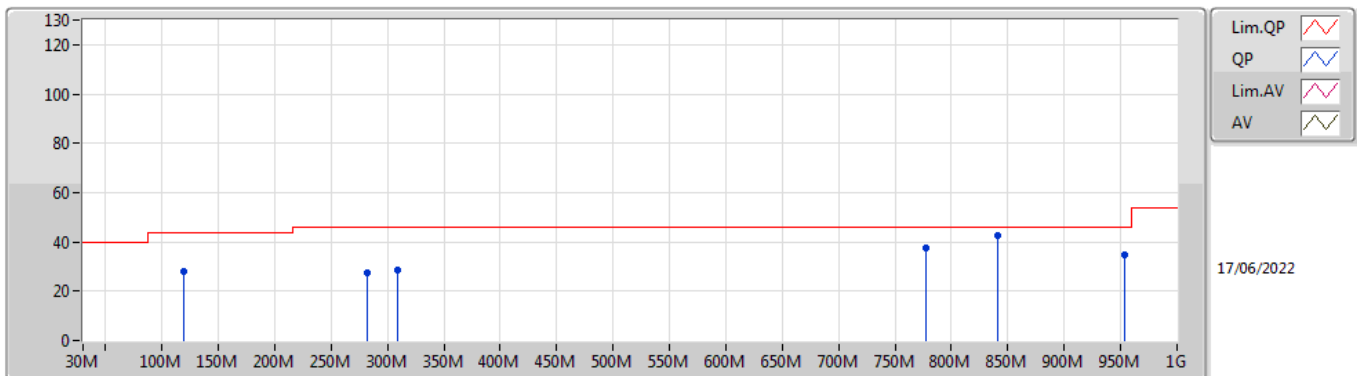
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	32.10	43.50	-11.40	-18.74	3	Vertical	360	1.00	-	50.84	16.74	1.13	36.61
PK	309.36M	24.31	46.00	-21.69	-16.28	3	Vertical	360	1.00	-	40.59	18.41	1.74	36.43
PK	468.44M	24.70	46.00	-21.30	-11.85	3	Vertical	360	1.00	-	36.55	22.68	2.24	36.77
PK	532.46M	26.49	46.00	-19.51	-11.55	3	Vertical	360	1.00	-	38.04	23.07	2.46	37.08
PK	776.9M	36.96	46.00	-9.04	-7.11	3	Vertical	360	1.00	-	44.07	27.25	3.10	37.46
PK	840.92M	42.94	46.00	-3.06	-6.02	3	Vertical	360	1.00	-	48.96	28.39	3.18	37.59

802.11n HT20_Nss1,(MCS0)_2TX

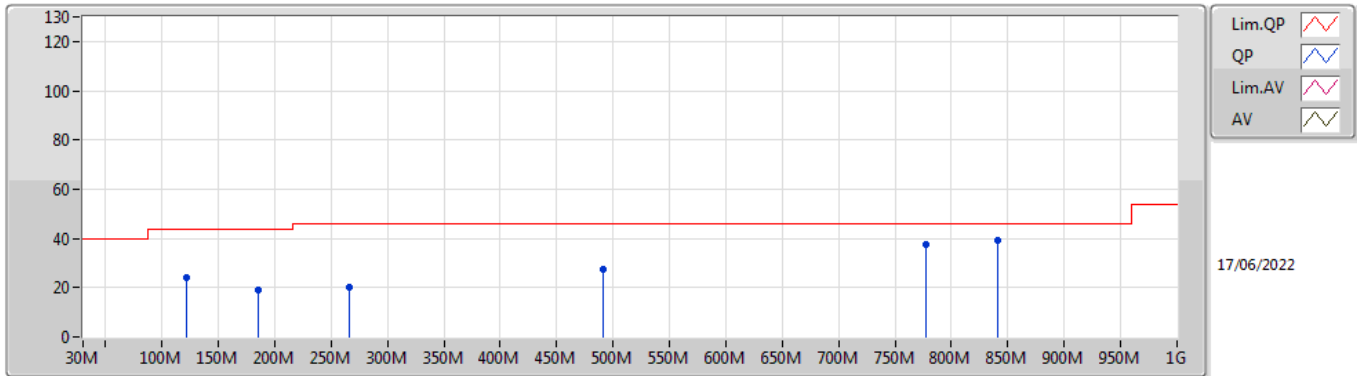
2462MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	28.12	43.50	-15.38	-18.82	3	Horizontal	0	1.00	-	46.94	16.69	1.11	36.62
PK	282.2M	27.41	46.00	-18.59	-16.76	3	Horizontal	0	1.00	-	44.17	18.02	1.65	36.43
PK	309.36M	28.72	46.00	-17.28	-16.28	3	Horizontal	0	1.00	-	45.00	18.41	1.74	36.43
PK	776.9M	37.56	46.00	-8.44	-7.11	3	Horizontal	0	1.00	-	44.67	27.25	3.10	37.46
PK	840.92M	42.86	46.00	-3.14	-6.02	3	Horizontal	0	1.00	-	48.88	28.39	3.18	37.59
PK	953.44M	34.78	46.00	-11.22	-3.90	3	Horizontal	0	1.00	-	38.68	30.07	3.37	37.34

802.11n HT20_Nss1,(MCS0)_2TX

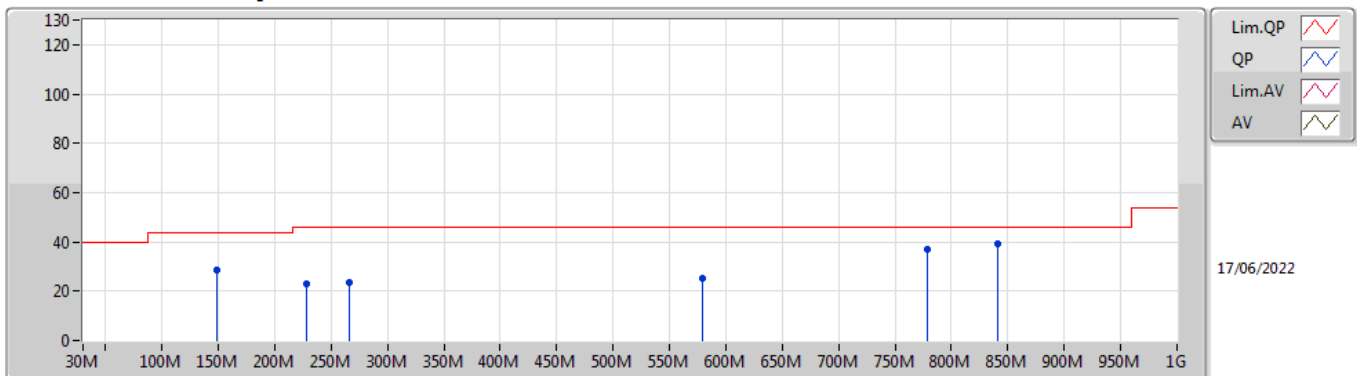
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	24.36	43.50	-19.14	-18.74	3	Vertical	360	1.00	-	43.10	16.74	1.13	36.61
PK	185.2M	19.30	43.50	-24.20	-20.97	3	Vertical	360	1.00	-	40.27	14.09	1.37	36.43
PK	266.68M	20.40	46.00	-25.60	-15.98	3	Vertical	360	1.00	-	36.38	18.89	1.59	36.46
PK	491.72M	27.72	46.00	-18.28	-11.60	3	Vertical	360	1.00	-	39.32	23.02	2.31	36.93
PK	776.9M	37.69	46.00	-8.31	-7.11	3	Vertical	360	1.00	-	44.80	27.25	3.10	37.46
PK	840.92M	39.31	46.00	-6.69	-6.02	3	Vertical	360	1.00	-	45.33	28.39	3.18	37.59

802.11n HT20_Nss1,(MCS0)_2TX

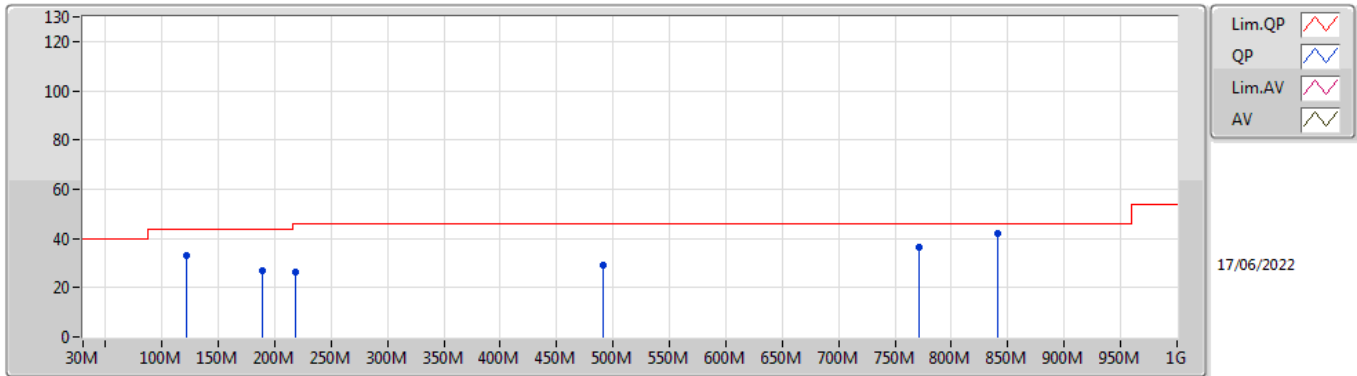
2462MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.47	43.50	-15.03	-18.72	3	Horizontal	0	1.00	-	47.19	16.37	1.34	36.43
PK	227.88M	23.22	46.00	-22.78	-19.82	3	Horizontal	0	1.00	-	43.04	15.10	1.47	36.39
PK	266.68M	23.64	46.00	-22.36	-15.98	3	Horizontal	0	1.00	-	39.62	18.89	1.59	36.46
PK	579.02M	25.39	46.00	-20.61	-9.57	3	Horizontal	0	1.00	-	34.96	24.93	2.61	37.11
PK	778.84M	37.07	46.00	-8.93	-7.09	3	Horizontal	0	1.00	-	44.16	27.27	3.10	37.46
PK	840.92M	39.28	46.00	-6.72	-6.02	3	Horizontal	0	1.00	-	45.30	28.39	3.18	37.59

802.11n HT40_Nss1,(MCS0)_2TX

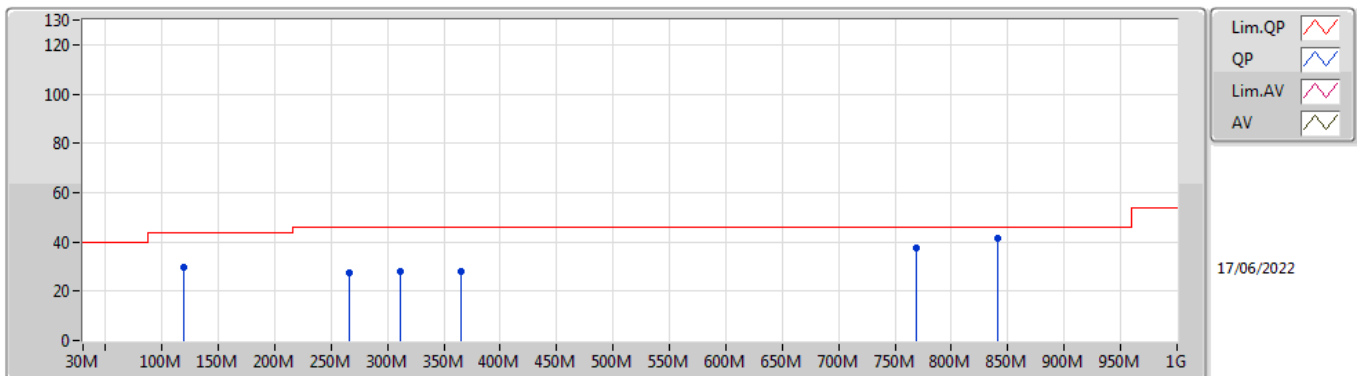
2422MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	32.82	43.50	-10.68	-18.74	3	Vertical	0	1.00	-	51.56	16.74	1.13	36.61
PK	189.08M	27.03	43.50	-16.47	-20.97	3	Vertical	0	1.00	-	48.00	14.04	1.37	36.38
PK	218.18M	26.48	46.00	-19.52	-20.72	3	Vertical	0	1.00	-	47.20	14.19	1.44	36.35
PK	491.72M	29.22	46.00	-16.78	-11.60	3	Vertical	0	1.00	-	40.82	23.02	2.31	36.93
PK	771.08M	36.68	46.00	-9.32	-7.06	3	Vertical	0	1.00	-	43.74	27.29	3.10	37.45
PK	840.92M	41.89	46.00	-4.11	-6.02	3	Vertical	0	1.00	-	47.91	28.39	3.18	37.59

802.11n HT40_Nss1,(MCS0)_2TX

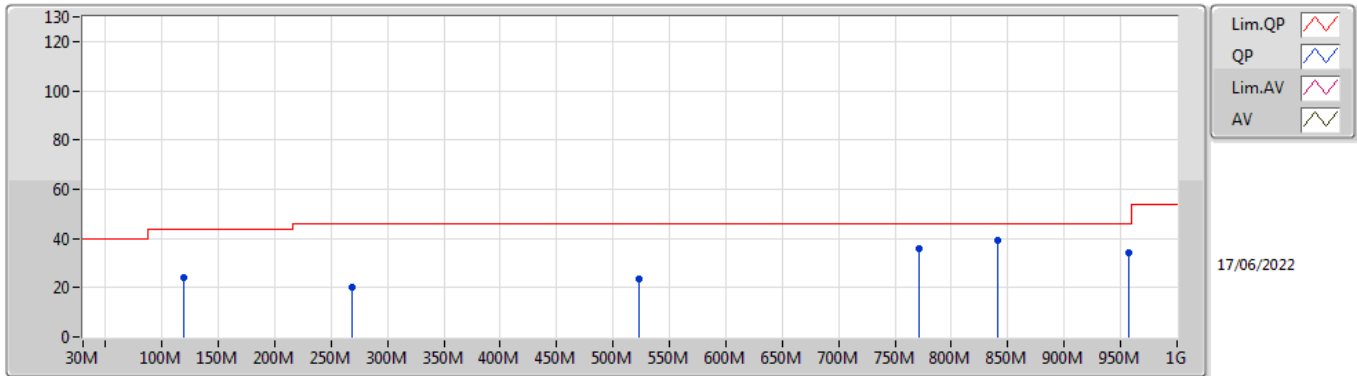
2422MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	29.47	43.50	-14.03	-18.82	3	Horizontal	360	1.00	-	48.29	16.69	1.11	36.62
PK	266.68M	27.40	46.00	-18.60	-15.98	3	Horizontal	360	1.00	-	43.38	18.89	1.59	36.46
PK	311.3M	27.84	46.00	-18.16	-16.25	3	Horizontal	360	1.00	-	44.09	18.44	1.75	36.44
PK	365.62M	27.92	46.00	-18.08	-14.69	3	Horizontal	360	1.00	-	42.61	19.91	1.92	36.52
PK	769.14M	37.58	46.00	-8.42	-7.06	3	Horizontal	360	1.00	-	44.64	27.30	3.09	37.45
PK	840.92M	41.29	46.00	-4.71	-6.02	3	Horizontal	360	1.00	-	47.31	28.39	3.18	37.59

802.11n HT40_Nss1,(MCS0)_2TX

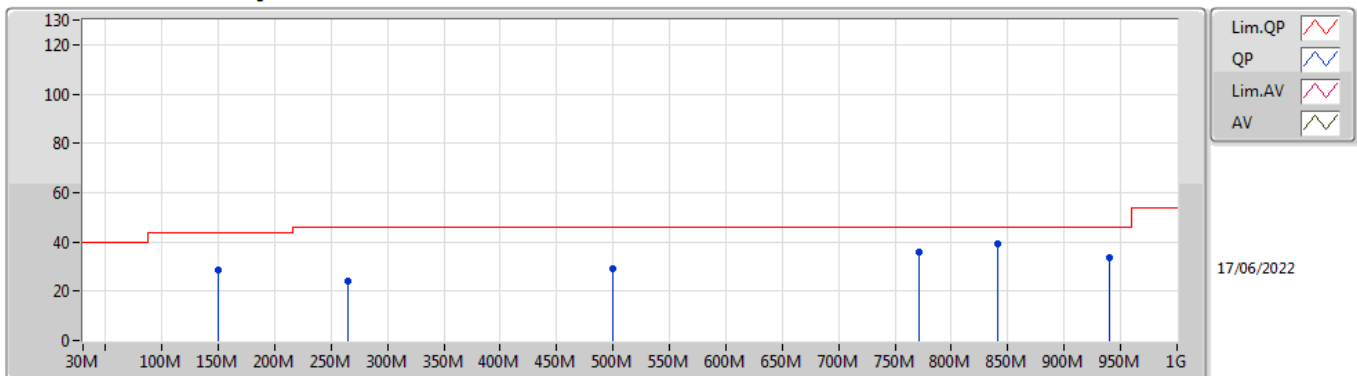
2422MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	24.22	43.50	-19.28	-18.82	3	Vertical	0	1.00	-	43.04	16.69	1.11	36.62
PK	268.62M	20.31	46.00	-25.69	-16.32	3	Vertical	0	1.00	-	36.63	18.53	1.60	36.45
PK	522.76M	23.79	46.00	-22.21	-11.56	3	Vertical	0	1.00	-	35.35	23.06	2.43	37.05
PK	771.08M	35.73	46.00	-10.27	-7.06	3	Vertical	0	1.00	-	42.79	27.29	3.10	37.45
PK	840.92M	39.41	46.00	-6.59	-6.02	3	Vertical	0	1.00	-	45.43	28.39	3.18	37.59
PK	957.32M	33.94	46.00	-12.06	-3.80	3	Vertical	0	1.00	-	37.74	30.14	3.38	37.32

802.11n HT40_Nss1,(MCS0)_2TX

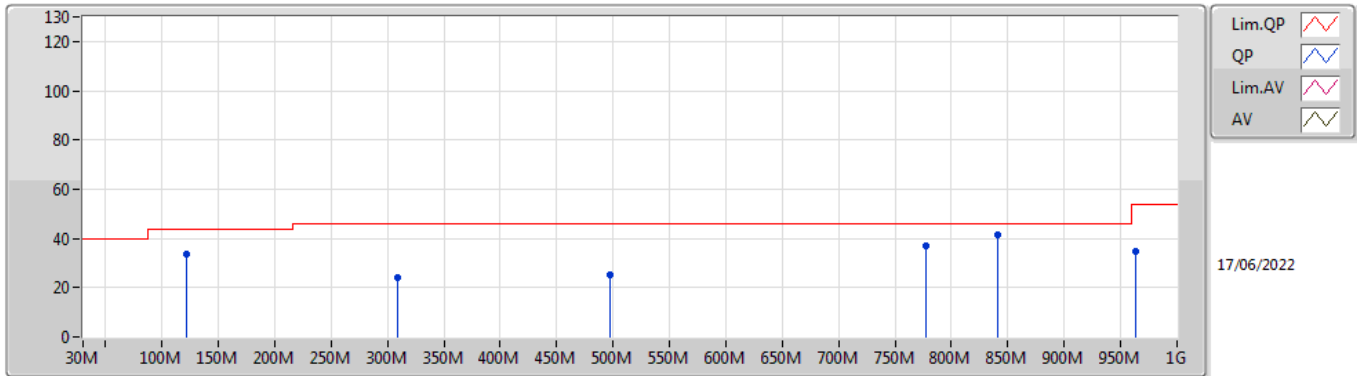
2422MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	150.28M	28.41	43.50	-15.09	-18.74	3	Horizontal	360	1.00	-	47.15	16.35	1.34	36.43
PK	264.74M	23.95	46.00	-22.05	-15.67	3	Horizontal	360	1.00	-	39.62	19.21	1.58	36.46
PK	499.48M	28.89	46.00	-17.11	-11.53	3	Horizontal	360	1.00	-	40.42	23.11	2.34	36.98
PK	771.08M	35.95	46.00	-10.05	-7.06	3	Horizontal	360	1.00	-	43.01	27.29	3.10	37.45
PK	840.92M	39.26	46.00	-6.74	-6.02	3	Horizontal	360	1.00	-	45.28	28.39	3.18	37.59
PK	939.86M	33.79	46.00	-12.21	-4.50	3	Horizontal	360	1.00	-	38.29	29.55	3.35	37.40

802.11n HT40_Nss1,(MCS0)_2TX

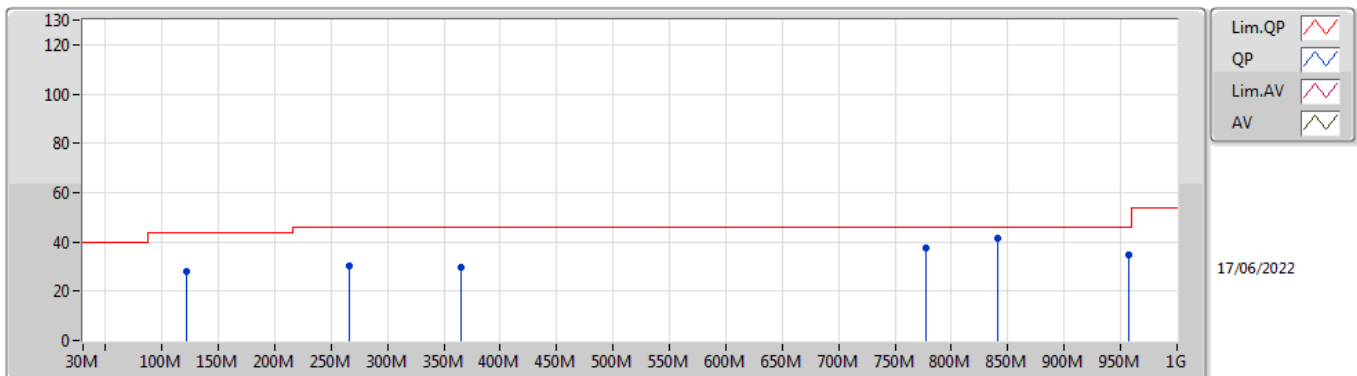
2437MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	33.43	43.50	-10.07	-18.74	3	Vertical	0	1.00	-	52.17	16.74	1.13	36.61
PK	309.36M	24.16	46.00	-21.84	-16.28	3	Vertical	0	1.00	-	40.44	18.41	1.74	36.43
PK	497.54M	25.44	46.00	-20.56	-11.54	3	Vertical	0	1.00	-	36.98	23.09	2.33	36.96
PK	776.9M	36.95	46.00	-9.05	-7.11	3	Vertical	0	1.00	-	44.06	27.25	3.10	37.46
PK	840.92M	41.44	46.00	-4.56	-6.02	3	Vertical	0	1.00	-	47.46	28.39	3.18	37.59
PK	963.14M	34.96	54.00	-19.04	-3.71	3	Vertical	0	1.00	-	38.67	30.20	3.39	37.30

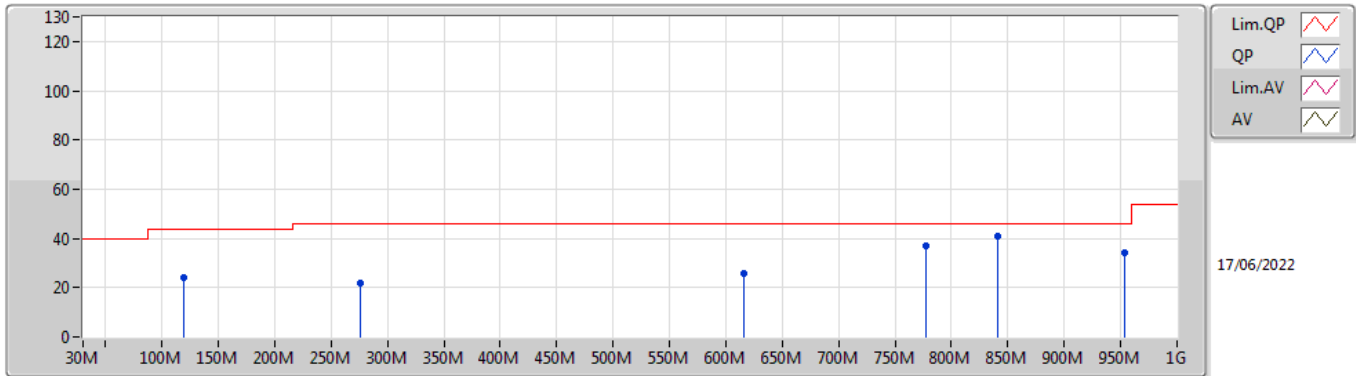
802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_USB



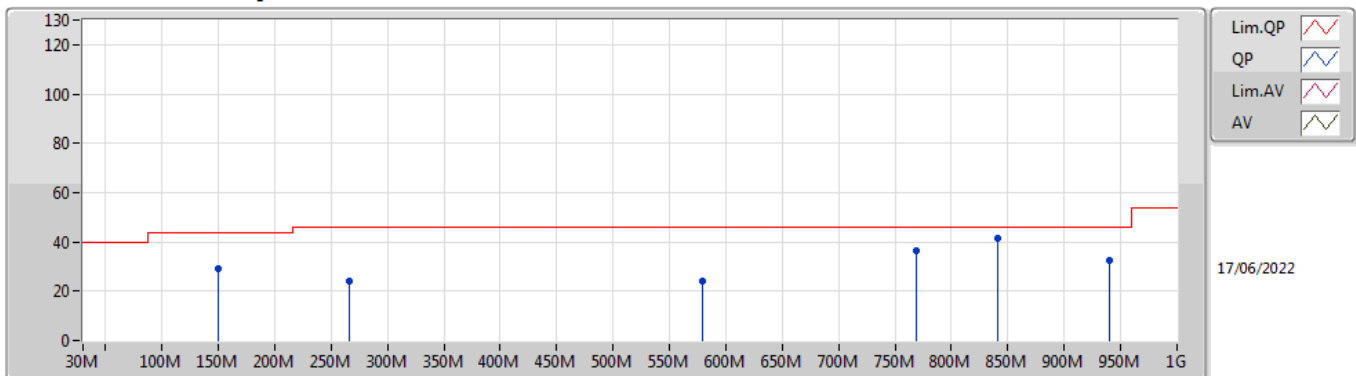
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	28.12	43.50	-15.38	-18.74	3	Horizontal	360	1.00	-	46.86	16.74	1.13	36.61
PK	266.68M	30.48	46.00	-15.52	-15.98	3	Horizontal	360	1.00	-	46.46	18.89	1.59	36.46
PK	365.62M	29.49	46.00	-16.51	-14.69	3	Horizontal	360	1.00	-	44.18	19.91	1.92	36.52
PK	776.9M	37.42	46.00	-8.58	-7.11	3	Horizontal	360	1.00	-	44.53	27.25	3.10	37.46
PK	840.92M	41.46	46.00	-4.54	-6.02	3	Horizontal	360	1.00	-	47.48	28.39	3.18	37.59
PK	957.32M	34.53	46.00	-11.47	-3.80	3	Horizontal	360	1.00	-	38.33	30.14	3.38	37.32

802.11n HT40_Nss1,(MCS0)_2TX
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	24.30	43.50	-19.20	-18.82	3	Vertical	360	1.00	-	43.12	16.69	1.11	36.62
PK	276.38M	21.65	46.00	-24.35	-16.88	3	Vertical	360	1.00	-	38.53	17.94	1.62	36.44
PK	615.88M	25.59	46.00	-20.41	-9.20	3	Vertical	360	1.00	-	34.79	25.19	2.73	37.12
PK	776.9M	36.97	46.00	-9.03	-7.11	3	Vertical	360	1.00	-	44.08	27.25	3.10	37.46
PK	840.92M	41.00	46.00	-5.00	-6.02	3	Vertical	360	1.00	-	47.02	28.39	3.18	37.59
PK	953.44M	34.35	46.00	-11.65	-3.90	3	Vertical	360	1.00	-	38.25	30.07	3.37	37.34

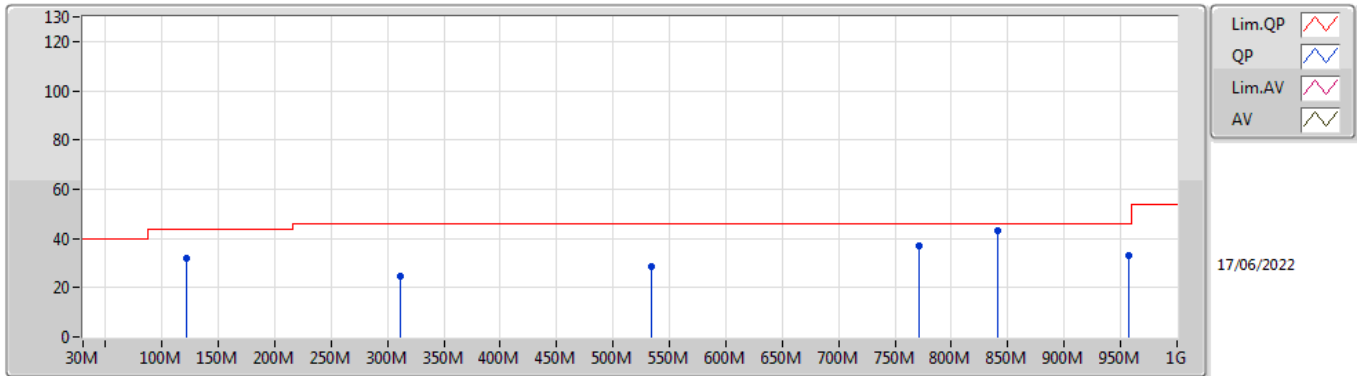
802.11n HT40_Nss1,(MCS0)_2TX
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	150.28M	28.94	43.50	-14.56	-18.74	3	Horizontal	0	1.00	-	47.68	16.35	1.34	36.43
PK	266.68M	23.91	46.00	-22.09	-15.98	3	Horizontal	0	1.00	-	39.89	18.89	1.59	36.46
PK	579.02M	24.36	46.00	-21.64	-9.57	3	Horizontal	0	1.00	-	33.93	24.93	2.61	37.11
PK	769.14M	36.26	46.00	-9.74	-7.06	3	Horizontal	0	1.00	-	43.32	27.30	3.09	37.45
PK	840.92M	41.56	46.00	-4.44	-6.02	3	Horizontal	0	1.00	-	47.58	28.39	3.18	37.59
PK	939.86M	32.35	46.00	-13.65	-4.50	3	Horizontal	0	1.00	-	36.85	29.55	3.35	37.40

802.11n HT40_Nss1,(MCS0)_2TX

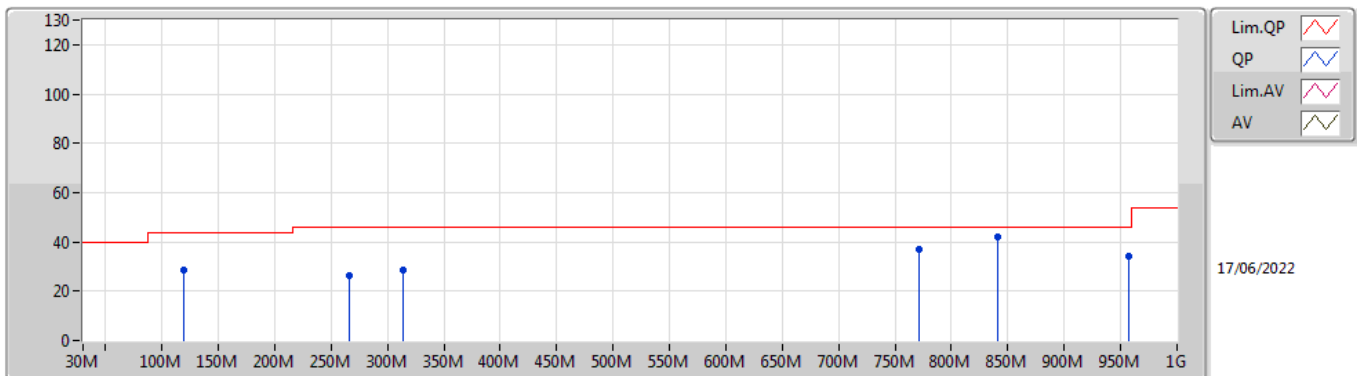
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	31.88	43.50	-11.62	-18.74	3	Vertical	0	1.00	-	50.62	16.74	1.13	36.61
PK	311.3M	24.44	46.00	-21.56	-16.25	3	Vertical	0	1.00	-	40.69	18.44	1.75	36.44
PK	534.4M	28.61	46.00	-17.39	-11.53	3	Vertical	0	1.00	-	40.14	23.08	2.47	37.08
PK	771.08M	36.74	46.00	-9.26	-7.06	3	Vertical	0	1.00	-	43.80	27.29	3.10	37.45
PK	840.92M	42.96	46.00	-3.04	-6.02	3	Vertical	0	1.00	-	48.98	28.39	3.18	37.59
PK	957.32M	33.28	46.00	-12.72	-3.80	3	Vertical	0	1.00	-	37.08	30.14	3.38	37.32

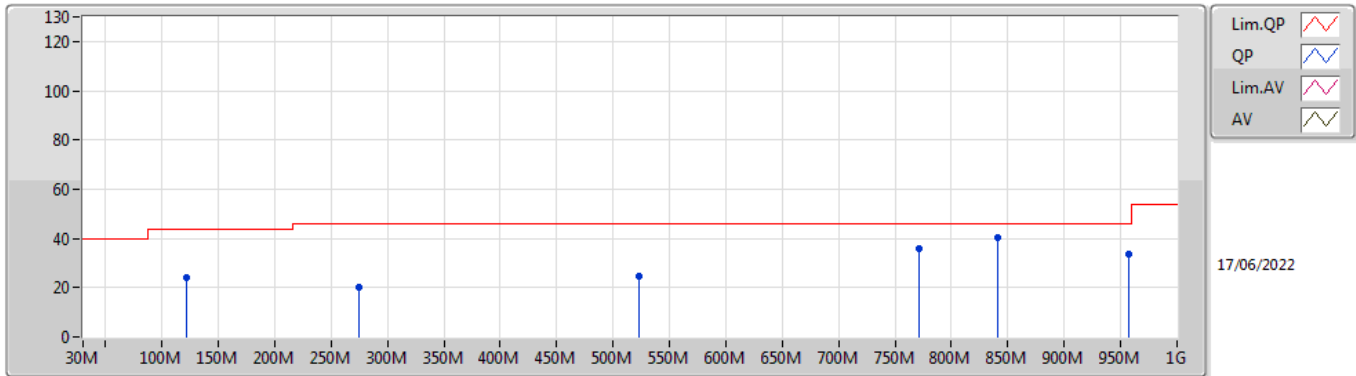
802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_USB



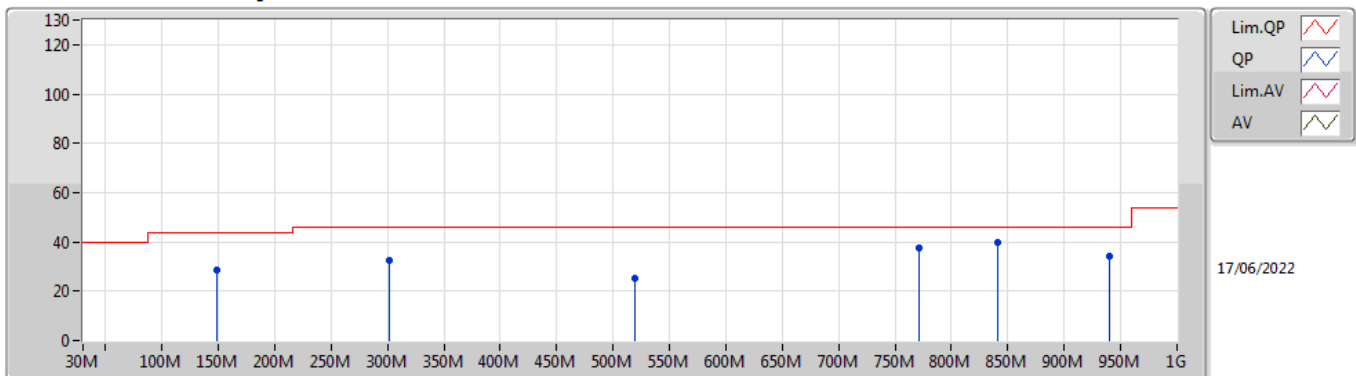
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	119.24M	28.67	43.50	-14.83	-18.82	3	Horizontal	360	1.00	-	47.49	16.69	1.11	36.62
PK	266.68M	26.55	46.00	-19.45	-15.98	3	Horizontal	360	1.00	-	42.53	18.89	1.59	36.46
PK	313.24M	28.85	46.00	-17.15	-16.21	3	Horizontal	360	1.00	-	45.06	18.47	1.76	36.44
PK	771.08M	36.80	46.00	-9.20	-7.06	3	Horizontal	360	1.00	-	43.86	27.29	3.10	37.45
PK	840.92M	41.75	46.00	-4.25	-6.02	3	Horizontal	360	1.00	-	47.77	28.39	3.18	37.59
PK	957.32M	34.18	46.00	-11.82	-3.80	3	Horizontal	360	1.00	-	37.98	30.14	3.38	37.32

802.11n HT40_Nss1,(MCS0)_2TX
2452MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	121.18M	23.98	43.50	-19.52	-18.74	3	Vertical	0	1.00	-	42.72	16.74	1.13	36.61
PK	274.44M	19.96	46.00	-26.04	-16.85	3	Vertical	0	1.00	-	36.81	17.98	1.62	36.45
PK	522.76M	24.79	46.00	-21.21	-11.56	3	Vertical	0	1.00	-	36.35	23.06	2.43	37.05
PK	771.08M	36.10	46.00	-9.90	-7.06	3	Vertical	0	1.00	-	43.16	27.29	3.10	37.45
PK	840.92M	40.52	46.00	-5.48	-6.02	3	Vertical	0	1.00	-	46.54	28.39	3.18	37.59
PK	957.32M	33.86	46.00	-12.14	-3.80	3	Vertical	0	1.00	-	37.66	30.14	3.38	37.32

802.11n HT40_Nss1,(MCS0)_2TX
2452MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	148.34M	28.40	43.50	-15.10	-18.72	3	Horizontal	360	1.00	-	47.12	16.37	1.34	36.43
PK	301.6M	32.59	46.00	-13.41	-16.31	3	Horizontal	360	1.00	-	48.90	18.38	1.72	36.41
PK	518.88M	25.03	46.00	-20.97	-11.53	3	Horizontal	360	1.00	-	36.56	23.10	2.41	37.04
PK	771.08M	37.64	46.00	-8.36	-7.06	3	Horizontal	360	1.00	-	44.70	27.29	3.10	37.45
PK	840.92M	39.65	46.00	-6.35	-6.02	3	Horizontal	360	1.00	-	45.67	28.39	3.18	37.59
PK	939.86M	34.12	46.00	-11.88	-4.50	3	Horizontal	360	1.00	-	38.62	29.55	3.35	37.40



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.82398G	53.45	54.00	-0.55	3	Vertical	182	1.00	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.4862G	73.45	74.00	-0.55	3	Horizontal	354	1.29	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.13	54.00	-0.87	3	Horizontal	0	1.29	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3868G	53.74	54.00	-0.26	3	Horizontal	0	1.59	-



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	2.39G	45.86	54.00	-8.14	3	Vertical	83	1.50	-
2412MHz	Pass	AV	2.4112G	101.68	Inf	-Inf	3	Vertical	83	1.50	-
2412MHz	Pass	PK	2.3888G	57.78	74.00	-16.22	3	Vertical	83	1.50	-
2412MHz	Pass	PK	2.411G	103.81	Inf	-Inf	3	Vertical	83	1.50	-
2412MHz	Pass	AV	2.39G	50.06	54.00	-3.94	3	Horizontal	360	2.13	-
2412MHz	Pass	AV	2.4112G	111.46	Inf	-Inf	3	Horizontal	360	2.13	-
2412MHz	Pass	PK	2.39G	58.09	74.00	-15.91	3	Horizontal	360	2.13	-
2412MHz	Pass	PK	2.411G	113.60	Inf	-Inf	3	Horizontal	360	2.13	-
2412MHz	Pass	AV	4.82398G	53.45	54.00	-0.55	3	Vertical	182	1.00	-
2412MHz	Pass	PK	4.82398G	55.93	74.00	-18.07	3	Vertical	182	1.00	-
2412MHz	Pass	AV	4.82401G	51.91	54.00	-2.09	3	Horizontal	170	1.11	-
2412MHz	Pass	PK	4.82395G	54.99	74.00	-19.01	3	Horizontal	170	1.11	-
2437MHz	Pass	AV	2.389G	45.22	54.00	-8.78	3	Vertical	146	2.39	-
2437MHz	Pass	AV	2.4358G	103.04	Inf	-Inf	3	Vertical	146	2.39	-
2437MHz	Pass	AV	2.4998G	46.06	54.00	-7.94	3	Vertical	146	2.39	-
2437MHz	Pass	PK	2.371G	57.86	74.00	-16.14	3	Vertical	146	2.39	-
2437MHz	Pass	PK	2.4362G	105.03	Inf	-Inf	3	Vertical	146	2.39	-
2437MHz	Pass	PK	2.4962G	58.05	74.00	-15.95	3	Vertical	146	2.39	-
2437MHz	Pass	AV	2.3878G	45.48	54.00	-8.52	3	Horizontal	346	1.15	-
2437MHz	Pass	AV	2.4362G	108.21	Inf	-Inf	3	Horizontal	346	1.15	-
2437MHz	Pass	AV	2.4846G	46.74	54.00	-7.26	3	Horizontal	346	1.15	-
2437MHz	Pass	PK	2.3846G	56.85	74.00	-17.15	3	Horizontal	346	1.15	-
2437MHz	Pass	PK	2.4378G	110.28	Inf	-Inf	3	Horizontal	346	1.15	-
2437MHz	Pass	PK	2.485G	57.78	74.00	-16.22	3	Horizontal	346	1.15	-
2437MHz	Pass	AV	4.87398G	52.87	54.00	-1.13	3	Vertical	180	1.36	-
2437MHz	Pass	PK	4.8739G	56.06	74.00	-17.94	3	Vertical	180	1.36	-
2437MHz	Pass	AV	4.87393G	50.83	54.00	-3.17	3	Horizontal	292	2.81	-
2437MHz	Pass	PK	4.8739G	54.61	74.00	-19.39	3	Horizontal	292	2.81	-
2462MHz	Pass	AV	2.4636G	105.12	Inf	-Inf	3	Vertical	134	2.84	-
2462MHz	Pass	AV	2.4838G	46.15	54.00	-7.85	3	Vertical	134	2.84	-
2462MHz	Pass	PK	2.4628G	107.07	Inf	-Inf	3	Vertical	134	2.84	-
2462MHz	Pass	PK	2.4896G	58.31	74.00	-15.69	3	Vertical	134	2.84	-
2462MHz	Pass	AV	2.4628G	110.61	Inf	-Inf	3	Horizontal	188	1.12	-
2462MHz	Pass	AV	2.487G	48.38	54.00	-5.62	3	Horizontal	188	1.12	-
2462MHz	Pass	PK	2.4628G	112.77	Inf	-Inf	3	Horizontal	188	1.12	-
2462MHz	Pass	PK	2.4866G	58.80	74.00	-15.20	3	Horizontal	188	1.12	-
2462MHz	Pass	AV	4.92401G	52.89	54.00	-1.11	3	Vertical	176	2.03	-
2462MHz	Pass	PK	4.92402G	55.86	74.00	-18.14	3	Vertical	176	2.03	-
2462MHz	Pass	AV	4.92398G	51.85	54.00	-2.15	3	Horizontal	169	1.02	-
2462MHz	Pass	PK	4.92392G	55.07	74.00	-18.93	3	Horizontal	169	1.02	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.23	54.00	-3.77	3	Vertical	217	2.61	-
2412MHz	Pass	AV	2.4058G	95.14	Inf	-Inf	3	Vertical	217	2.61	-
2412MHz	Pass	PK	2.39G	65.82	74.00	-8.18	3	Vertical	217	2.61	-
2412MHz	Pass	PK	2.4058G	104.23	Inf	-Inf	3	Vertical	217	2.61	-
2412MHz	Pass	AV	2.39G	52.99	54.00	-1.01	3	Horizontal	161	1.33	-
2412MHz	Pass	AV	2.4072G	103.30	Inf	-Inf	3	Horizontal	161	1.33	-
2412MHz	Pass	PK	2.3898G	73.22	74.00	-0.78	3	Horizontal	161	1.33	-
2412MHz	Pass	PK	2.4072G	112.38	Inf	-Inf	3	Horizontal	161	1.33	-
2412MHz	Pass	AV	4.82704G	37.52	54.00	-16.48	3	Vertical	184	1.12	-
2412MHz	Pass	PK	4.82704G	49.14	74.00	-24.86	3	Vertical	184	1.12	-
2412MHz	Pass	AV	4.82776G	35.73	54.00	-18.27	3	Horizontal	156	1.00	-
2412MHz	Pass	PK	4.82728G	46.82	74.00	-27.18	3	Horizontal	156	1.00	-
2437MHz	Pass	AV	2.3894G	45.65	54.00	-8.35	3	Vertical	168	1.50	-
2437MHz	Pass	AV	2.4358G	99.41	Inf	-Inf	3	Vertical	168	1.50	-
2437MHz	Pass	AV	2.4835G	47.07	54.00	-6.93	3	Vertical	168	1.50	-
2437MHz	Pass	PK	2.3894G	57.19	74.00	-16.81	3	Vertical	168	1.50	-
2437MHz	Pass	PK	2.4358G	108.12	Inf	-Inf	3	Vertical	168	1.50	-
2437MHz	Pass	PK	2.4854G	61.02	74.00	-12.98	3	Vertical	168	1.50	-
2437MHz	Pass	AV	2.3898G	48.41	54.00	-5.59	3	Horizontal	354	1.29	-



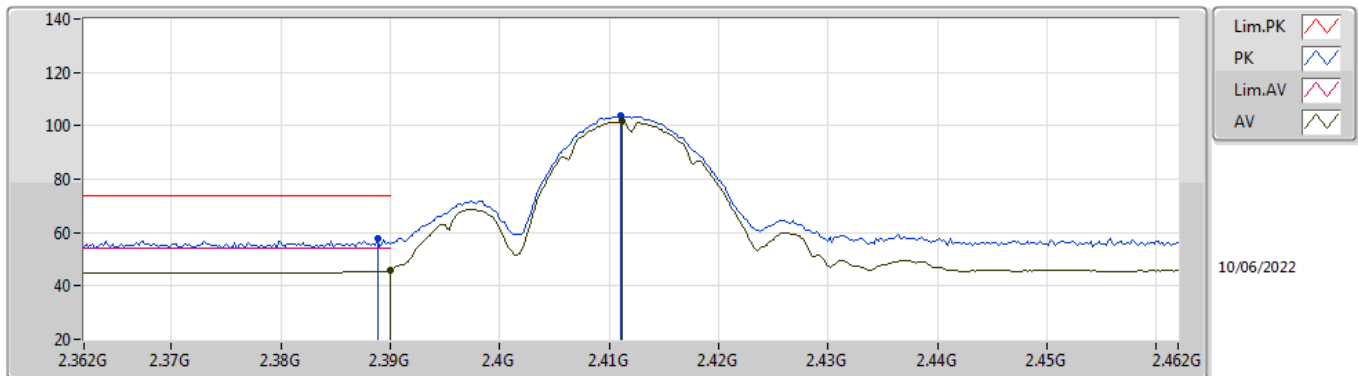
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4418G	106.12	Inf	-Inf	3	Horizontal	354	1.29	-
2437MHz	Pass	AV	2.4835G	51.60	54.00	-2.40	3	Horizontal	354	1.29	-
2437MHz	Pass	PK	2.3898G	62.70	74.00	-11.30	3	Horizontal	354	1.29	-
2437MHz	Pass	PK	2.4418G	115.91	Inf	-Inf	3	Horizontal	354	1.29	-
2437MHz	Pass	PK	2.4862G	73.45	74.00	-0.55	3	Horizontal	354	1.29	-
2437MHz	Pass	AV	4.87384G	45.95	54.00	-8.05	3	Vertical	168	2.96	-
2437MHz	Pass	PK	4.87456G	59.54	74.00	-14.46	3	Vertical	168	2.96	-
2437MHz	Pass	AV	4.87376G	43.44	54.00	-10.56	3	Horizontal	296	3.00	-
2437MHz	Pass	PK	4.87448G	54.96	74.00	-19.04	3	Horizontal	296	3.00	-
2462MHz	Pass	AV	2.4642G	95.56	Inf	-Inf	3	Vertical	213	1.67	-
2462MHz	Pass	AV	2.4836G	50.29	54.00	-3.71	3	Vertical	213	1.67	-
2462MHz	Pass	PK	2.4588G	104.34	Inf	-Inf	3	Vertical	213	1.67	-
2462MHz	Pass	PK	2.4835G	70.34	74.00	-3.66	3	Vertical	213	1.67	-
2462MHz	Pass	AV	2.4666G	101.59	Inf	-Inf	3	Horizontal	358	1.50	-
2462MHz	Pass	AV	2.4835G	53.40	54.00	-0.60	3	Horizontal	358	1.50	-
2462MHz	Pass	PK	2.4662G	110.53	Inf	-Inf	3	Horizontal	358	1.50	-
2462MHz	Pass	PK	2.4836G	70.72	74.00	-3.28	3	Horizontal	358	1.50	-
2462MHz	Pass	AV	4.92256G	39.71	54.00	-14.29	3	Vertical	171	2.74	-
2462MHz	Pass	PK	4.92704G	51.62	74.00	-22.38	3	Vertical	171	2.74	-
2462MHz	Pass	AV	4.92248G	36.76	54.00	-17.24	3	Horizontal	113	1.18	-
2462MHz	Pass	PK	4.92752G	48.70	74.00	-25.30	3	Horizontal	113	1.18	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.98	54.00	-6.02	3	Vertical	229	1.08	-
2412MHz	Pass	AV	2.4042G	93.01	Inf	-Inf	3	Vertical	229	1.08	-
2412MHz	Pass	PK	2.3894G	61.80	74.00	-12.20	3	Vertical	229	1.08	-
2412MHz	Pass	PK	2.4048G	101.70	Inf	-Inf	3	Vertical	229	1.08	-
2412MHz	Pass	AV	2.39G	53.13	54.00	-0.87	3	Horizontal	0	1.29	-
2412MHz	Pass	AV	2.411G	97.56	Inf	-Inf	3	Horizontal	0	1.29	-
2412MHz	Pass	PK	2.3896G	71.67	74.00	-2.33	3	Horizontal	0	1.29	-
2412MHz	Pass	PK	2.4102G	106.77	Inf	-Inf	3	Horizontal	0	1.29	-
2412MHz	Pass	AV	4.83504G	35.18	54.00	-18.82	3	Vertical	186	1.41	-
2412MHz	Pass	PK	4.81728G	47.28	74.00	-26.72	3	Vertical	186	1.41	-
2412MHz	Pass	AV	4.82952G	34.42	54.00	-19.58	3	Horizontal	355	1.62	-
2412MHz	Pass	PK	4.834G	46.20	74.00	-27.80	3	Horizontal	355	1.62	-
2437MHz	Pass	AV	2.3898G	45.88	54.00	-8.12	3	Vertical	167	1.50	-
2437MHz	Pass	AV	2.4334G	99.57	Inf	-Inf	3	Vertical	167	1.50	-
2437MHz	Pass	AV	2.4835G	47.27	54.00	-6.73	3	Vertical	167	1.50	-
2437MHz	Pass	PK	2.3866G	57.04	74.00	-16.96	3	Vertical	167	1.50	-
2437MHz	Pass	PK	2.4314G	108.07	Inf	-Inf	3	Vertical	167	1.50	-
2437MHz	Pass	PK	2.4982G	59.10	74.00	-14.90	3	Vertical	167	1.50	-
2437MHz	Pass	AV	2.3898G	48.86	54.00	-5.14	3	Horizontal	347	1.02	-
2437MHz	Pass	AV	2.4382G	106.51	Inf	-Inf	3	Horizontal	347	1.02	-
2437MHz	Pass	AV	2.4835G	53.06	54.00	-0.94	3	Horizontal	347	1.02	-
2437MHz	Pass	PK	2.3894G	61.07	74.00	-12.93	3	Horizontal	347	1.02	-
2437MHz	Pass	PK	2.4386G	115.50	Inf	-Inf	3	Horizontal	347	1.02	-
2437MHz	Pass	PK	2.4838G	70.79	74.00	-3.21	3	Horizontal	347	1.02	-
2437MHz	Pass	AV	4.87304G	49.11	54.00	-4.89	3	Vertical	183	1.37	-
2437MHz	Pass	PK	4.8728G	61.67	74.00	-12.33	3	Vertical	183	1.37	-
2437MHz	Pass	AV	4.8752G	45.59	54.00	-8.41	3	Horizontal	114	1.00	-
2437MHz	Pass	PK	4.87712G	57.65	74.00	-16.35	3	Horizontal	114	1.00	-
2462MHz	Pass	AV	2.4588G	91.67	Inf	-Inf	3	Vertical	168	1.44	-
2462MHz	Pass	AV	2.4835G	47.62	54.00	-6.38	3	Vertical	168	1.44	-
2462MHz	Pass	PK	2.4598G	100.38	Inf	-Inf	3	Vertical	168	1.44	-
2462MHz	Pass	PK	2.4842G	62.77	74.00	-11.23	3	Vertical	168	1.44	-
2462MHz	Pass	AV	2.4634G	98.57	Inf	-Inf	3	Horizontal	350	1.50	-
2462MHz	Pass	AV	2.4835G	52.11	54.00	-1.89	3	Horizontal	350	1.50	-
2462MHz	Pass	PK	2.4634G	107.90	Inf	-Inf	3	Horizontal	350	1.50	-
2462MHz	Pass	PK	2.4836G	72.75	74.00	-1.25	3	Horizontal	350	1.50	-
2462MHz	Pass	AV	4.92376G	35.78	54.00	-18.22	3	Vertical	184	1.47	-
2462MHz	Pass	PK	4.91696G	47.71	74.00	-26.29	3	Vertical	184	1.47	-
2462MHz	Pass	AV	4.92176G	34.60	54.00	-19.40	3	Horizontal	117	1.50	-
2462MHz	Pass	PK	4.93152G	47.52	74.00	-26.48	3	Horizontal	117	1.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3868G	48.89	54.00	-5.11	3	Vertical	166	1.50	-
2422MHz	Pass	AV	2.4384G	89.58	Inf	-Inf	3	Vertical	166	1.50	-
2422MHz	Pass	AV	2.4848G	47.58	54.00	-6.42	3	Vertical	166	1.50	-
2422MHz	Pass	PK	2.3864G	63.99	74.00	-10.01	3	Vertical	166	1.50	-
2422MHz	Pass	PK	2.4372G	97.68	Inf	-Inf	3	Vertical	166	1.50	-
2422MHz	Pass	PK	2.5G	57.69	74.00	-16.31	3	Vertical	166	1.50	-
2422MHz	Pass	AV	2.3868G	53.74	54.00	-0.26	3	Horizontal	0	1.59	-
2422MHz	Pass	AV	2.4396G	96.34	Inf	-Inf	3	Horizontal	0	1.59	-
2422MHz	Pass	AV	2.4852G	48.16	54.00	-5.84	3	Horizontal	0	1.59	-
2422MHz	Pass	PK	2.39G	72.55	74.00	-1.45	3	Horizontal	0	1.59	-
2422MHz	Pass	PK	2.4392G	104.03	Inf	-Inf	3	Horizontal	0	1.59	-
2422MHz	Pass	PK	2.4868G	59.20	74.00	-14.80	3	Horizontal	0	1.59	-
2422MHz	Pass	AV	4.84112G	35.96	54.00	-18.04	3	Vertical	169	1.26	-
2422MHz	Pass	PK	4.83488G	46.34	74.00	-27.66	3	Vertical	169	1.26	-
2422MHz	Pass	AV	4.82816G	35.24	54.00	-18.76	3	Horizontal	244	1.50	-
2422MHz	Pass	PK	4.84816G	46.34	74.00	-27.66	3	Horizontal	244	1.50	-
2437MHz	Pass	AV	2.3898G	49.23	54.00	-4.77	3	Vertical	177	1.13	-
2437MHz	Pass	AV	2.4342G	94.85	Inf	-Inf	3	Vertical	177	1.13	-
2437MHz	Pass	AV	2.4854G	49.08	54.00	-4.92	3	Vertical	177	1.13	-
2437MHz	Pass	PK	2.3894G	61.25	74.00	-12.75	3	Vertical	177	1.13	-
2437MHz	Pass	PK	2.4322G	103.16	Inf	-Inf	3	Vertical	177	1.13	-
2437MHz	Pass	PK	2.4838G	63.96	74.00	-10.04	3	Vertical	177	1.13	-
2437MHz	Pass	AV	2.387G	50.14	54.00	-3.86	3	Horizontal	359	1.58	-
2437MHz	Pass	AV	2.4346G	99.50	Inf	-Inf	3	Horizontal	359	1.58	-
2437MHz	Pass	AV	2.4835G	52.96	54.00	-1.04	3	Horizontal	359	1.58	-
2437MHz	Pass	PK	2.3894G	62.19	74.00	-11.81	3	Horizontal	359	1.58	-
2437MHz	Pass	PK	2.4354G	107.33	Inf	-Inf	3	Horizontal	359	1.58	-
2437MHz	Pass	PK	2.4835G	66.56	74.00	-7.44	3	Horizontal	359	1.58	-
2437MHz	Pass	AV	4.86728G	38.72	54.00	-15.28	3	Vertical	182	1.35	-
2437MHz	Pass	PK	4.86856G	48.62	74.00	-25.38	3	Vertical	182	1.35	-
2437MHz	Pass	AV	4.8524G	36.51	54.00	-17.49	3	Horizontal	114	1.03	-
2437MHz	Pass	PK	4.89272G	47.45	74.00	-26.55	3	Horizontal	114	1.03	-
2452MHz	Pass	AV	2.3772G	46.66	54.00	-7.34	3	Vertical	227	1.13	-
2452MHz	Pass	AV	2.442G	92.67	Inf	-Inf	3	Vertical	227	1.13	-
2452MHz	Pass	AV	2.484G	52.02	54.00	-1.98	3	Vertical	227	1.13	-
2452MHz	Pass	PK	2.3868G	57.14	74.00	-16.86	3	Vertical	227	1.13	-
2452MHz	Pass	PK	2.442G	101.08	Inf	-Inf	3	Vertical	227	1.13	-
2452MHz	Pass	PK	2.4844G	65.83	74.00	-8.17	3	Vertical	227	1.13	-
2452MHz	Pass	AV	2.39G	46.97	54.00	-7.03	3	Horizontal	360	1.50	-
2452MHz	Pass	AV	2.4696G	96.56	Inf	-Inf	3	Horizontal	360	1.50	-
2452MHz	Pass	AV	2.4856G	53.36	54.00	-0.64	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	2.3868G	57.45	74.00	-16.55	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	2.4688G	103.85	Inf	-Inf	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	2.486G	67.59	74.00	-6.41	3	Horizontal	360	1.50	-
2452MHz	Pass	AV	4.8952G	36.36	54.00	-17.64	3	Vertical	162	1.63	-
2452MHz	Pass	PK	4.90576G	46.85	74.00	-27.15	3	Vertical	162	1.63	-
2452MHz	Pass	AV	4.90384G	35.96	54.00	-18.04	3	Horizontal	172	1.00	-
2452MHz	Pass	PK	4.89456G	46.63	74.00	-27.37	3	Horizontal	172	1.00	-

802.11b_Nss1,(1Mbps)_2TX

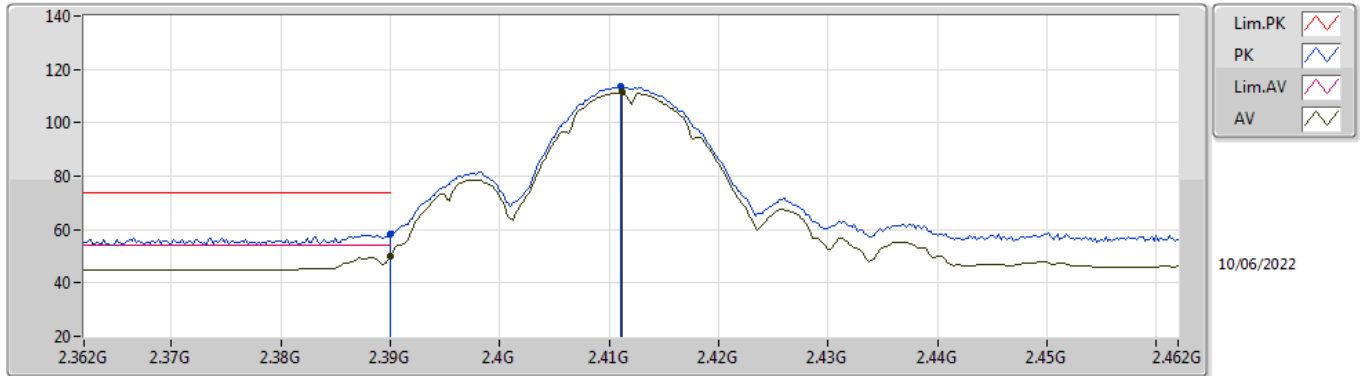
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	45.86	54.00	-8.14	32.01	3	Vertical	83	1.50	-	13.85	27.44	4.57	-
AV	2.4112G	101.68	Inf	-Inf	32.10	3	Vertical	83	1.50	-	69.58	27.52	4.58	-
PK	2.3888G	57.78	74.00	-16.22	32.00	3	Vertical	83	1.50	-	25.78	27.43	4.57	-
PK	2.411G	103.81	Inf	-Inf	32.10	3	Vertical	83	1.50	-	71.71	27.52	4.58	-

802.11b_Nss1,(1Mbps)_2TX

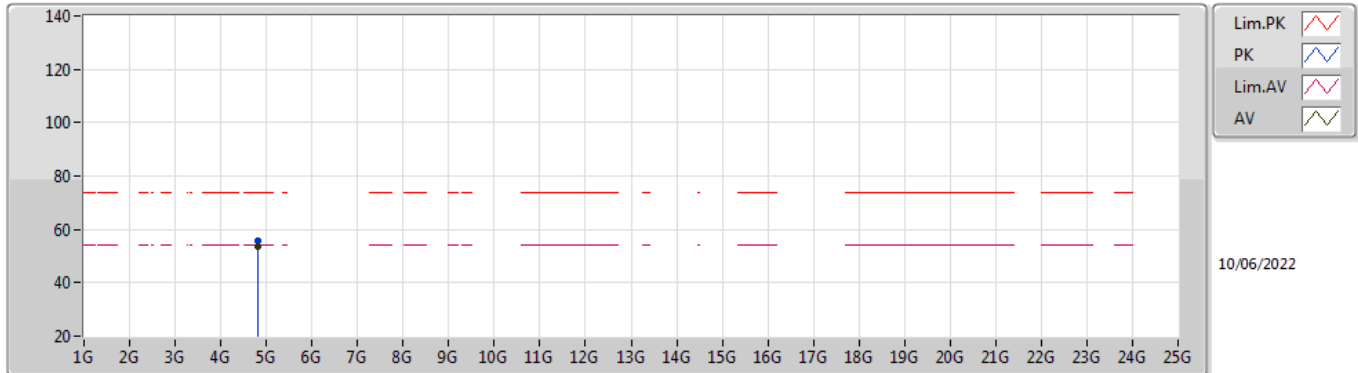
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.06	54.00	-3.94	32.01	3	Horizontal	360	2.13	-	18.05	27.44	4.57	-
AV	2.4112G	111.46	Inf	-Inf	32.10	3	Horizontal	360	2.13	-	79.36	27.52	4.58	-
PK	2.39G	58.09	74.00	-15.91	32.01	3	Horizontal	360	2.13	-	26.08	27.44	4.57	-
PK	2.411G	113.60	Inf	-Inf	32.10	3	Horizontal	360	2.13	-	81.50	27.52	4.58	-

802.11b_Nss1,(1Mbps)_2TX

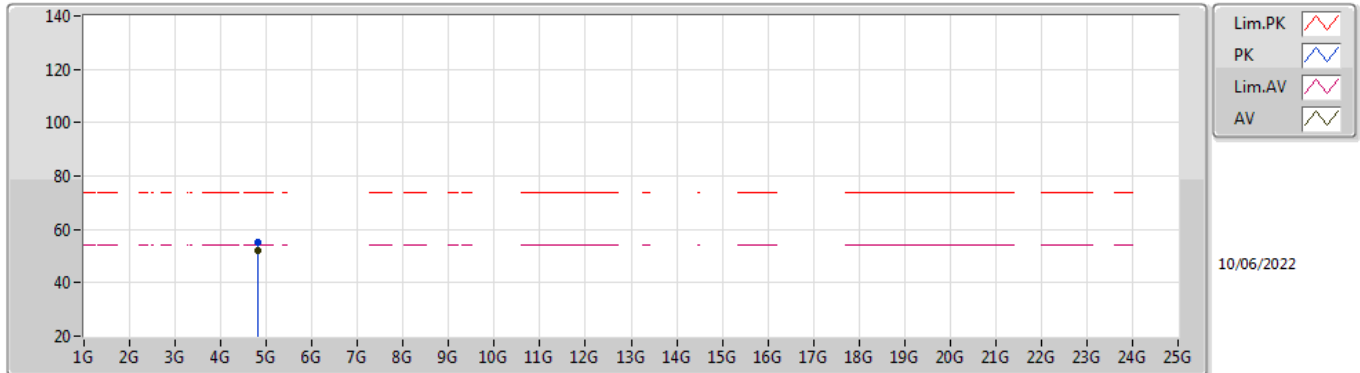
2412MHz_TX



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	4.82398G	53.45	54.00	-0.55	4.31	3	Vertical	182	1.00	-	49.14	32.44	6.68	34.81
PK	4.82398G	55.93	74.00	-18.07	4.31	3	Vertical	182	1.00	-	51.62	32.44	6.68	34.81

802.11b_Nss1,(1Mbps)_2TX

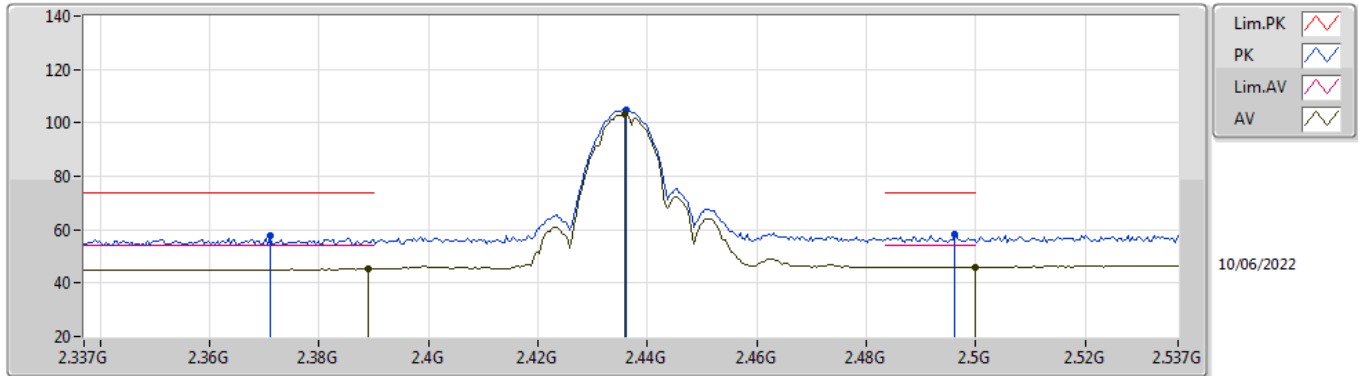
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82401G	51.91	54.00	-2.09	4.31	3	Horizontal	170	1.11	-	47.60	32.44	6.68	34.81
PK	4.82395G	54.99	74.00	-19.01	4.31	3	Horizontal	170	1.11	-	50.68	32.44	6.68	34.81

802.11b_Nss1,(1Mbps)_2TX

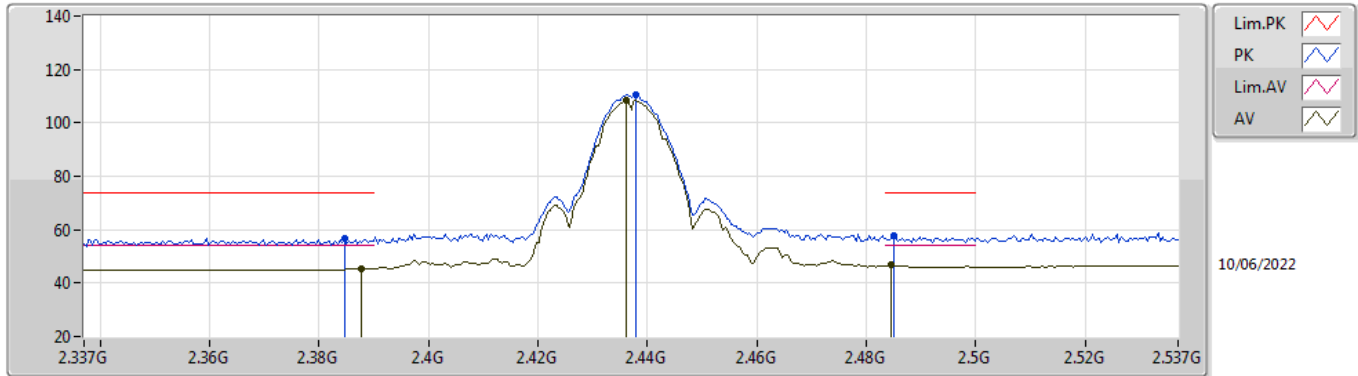
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	45.22	54.00	-8.78	32.00	3	Vertical	146	2.39	-	13.22	27.43	4.57	-
AV	2.4358G	103.04	Inf	-Inf	32.16	3	Vertical	146	2.39	-	70.88	27.57	4.59	-
AV	2.4998G	46.06	54.00	-7.94	32.52	3	Vertical	146	2.39	-	13.54	27.90	4.62	-
PK	2.371G	57.86	74.00	-16.14	31.88	3	Vertical	146	2.39	-	25.98	27.33	4.55	-
PK	2.4362G	105.03	Inf	-Inf	32.16	3	Vertical	146	2.39	-	72.87	27.57	4.59	-
PK	2.4962G	58.05	74.00	-15.95	32.50	3	Vertical	146	2.39	-	25.55	27.88	4.62	-

802.11b_Nss1,(1Mbps)_2TX

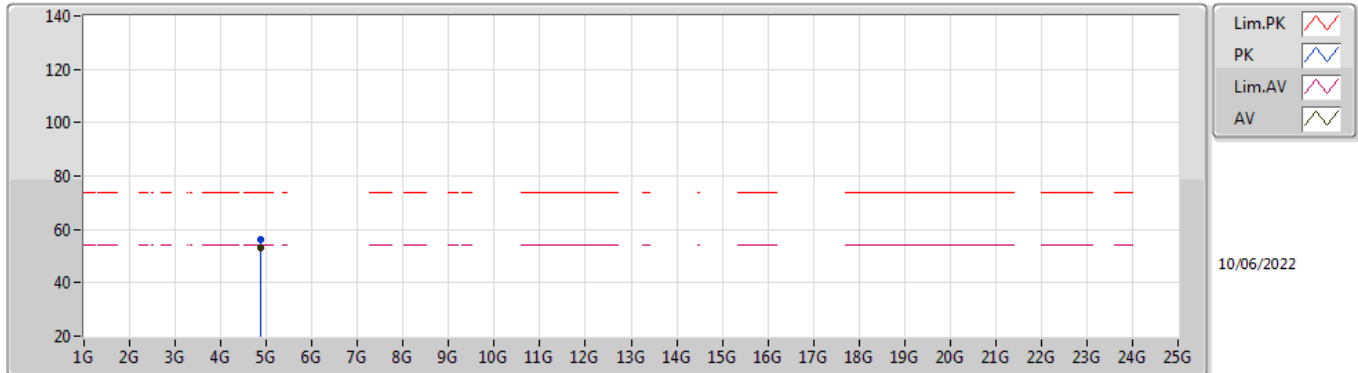
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	45.48	54.00	-8.52	32.00	3	Horizontal	346	1.15	-	13.48	27.43	4.57	-
AV	2.4362G	108.21	Inf	-Inf	32.16	3	Horizontal	346	1.15	-	76.05	27.57	4.59	-
AV	2.4846G	46.74	54.00	-7.26	32.42	3	Horizontal	346	1.15	-	14.32	27.81	4.61	-
PK	2.3846G	56.85	74.00	-17.15	31.98	3	Horizontal	346	1.15	-	24.87	27.41	4.57	-
PK	2.4378G	110.28	Inf	-Inf	32.18	3	Horizontal	346	1.15	-	78.10	27.58	4.60	-
PK	2.485G	57.78	74.00	-16.22	32.42	3	Horizontal	346	1.15	-	25.36	27.81	4.61	-

802.11b_Nss1,(1Mbps)_2TX

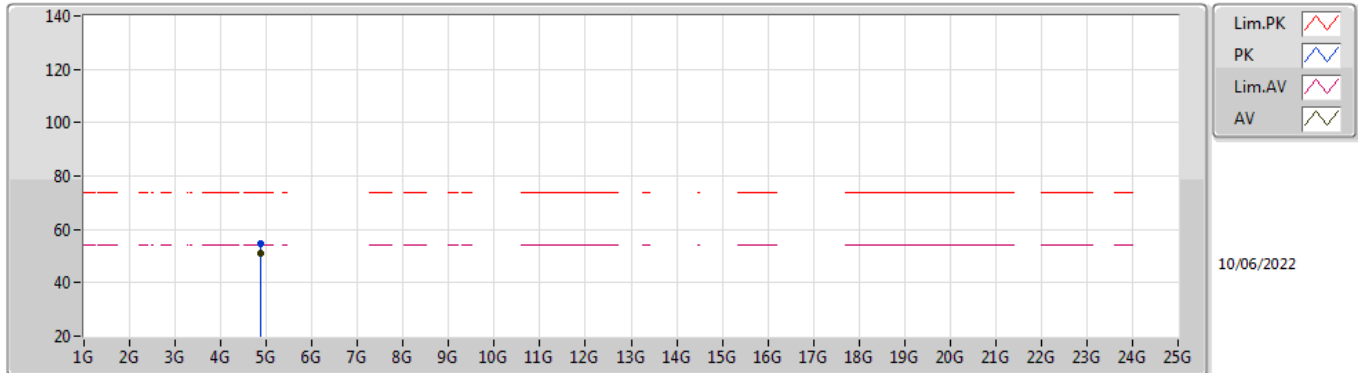
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87398G	52.87	54.00	-1.13	4.63	3	Vertical	180	1.36	-	48.24	32.70	6.72	34.79
PK	4.8739G	56.06	74.00	-17.94	4.63	3	Vertical	180	1.36	-	51.43	32.70	6.72	34.79

802.11b_Nss1,(1Mbps)_2TX

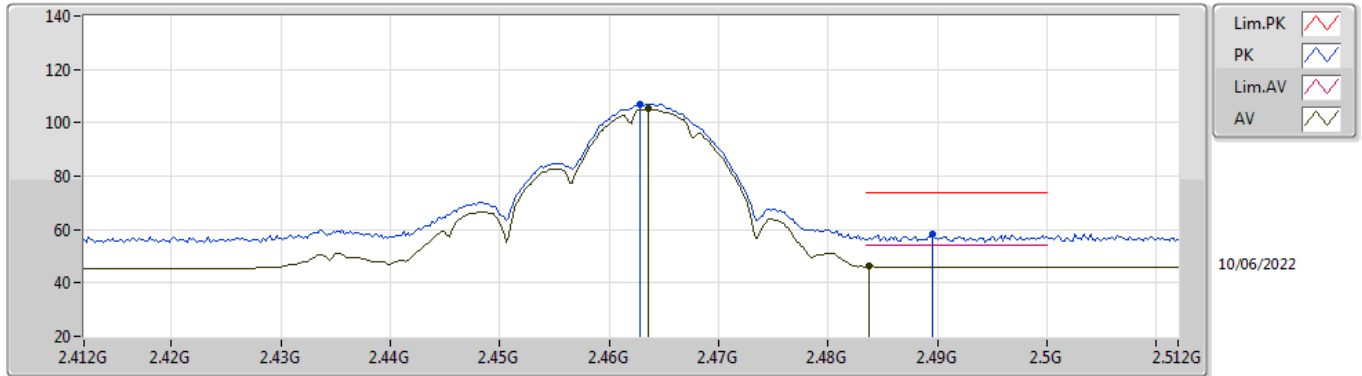
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87393G	50.83	54.00	-3.17	4.63	3	Horizontal	292	2.81	-	46.20	32.70	6.72	34.79
PK	4.8739G	54.61	74.00	-19.39	4.63	3	Horizontal	292	2.81	-	49.98	32.70	6.72	34.79

802.11b_Nss1,(1Mbps)_2TX

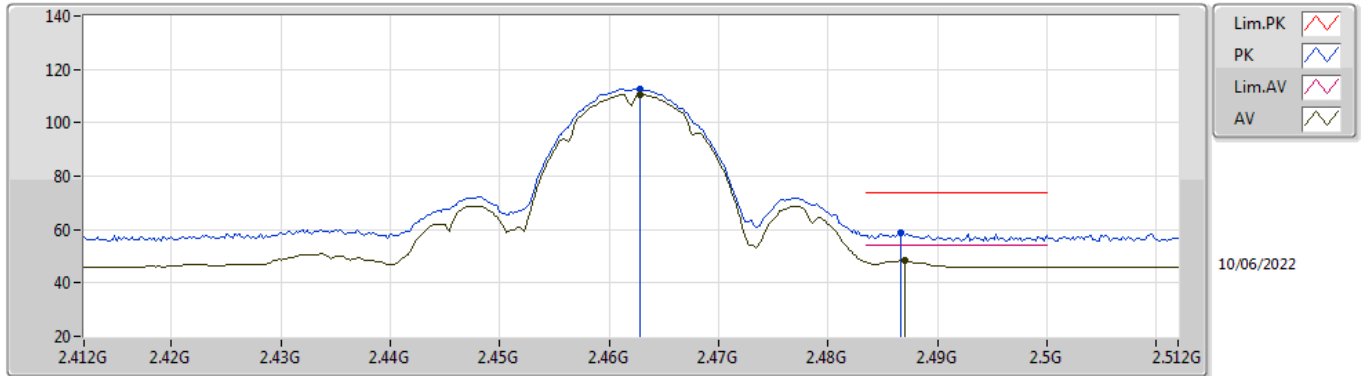
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4636G	105.12	Inf	-Inf	32.29	3	Vertical	134	2.84	-	72.83	27.68	4.61	-
AV	2.4838G	46.15	54.00	-7.85	32.41	3	Vertical	134	2.84	-	13.74	27.80	4.61	-
PK	2.4628G	107.07	Inf	-Inf	32.29	3	Vertical	134	2.84	-	74.78	27.68	4.61	-
PK	2.4896G	58.31	74.00	-15.69	32.46	3	Vertical	134	2.84	-	25.85	27.84	4.62	-

802.11b_Nss1,(1Mbps)_2TX

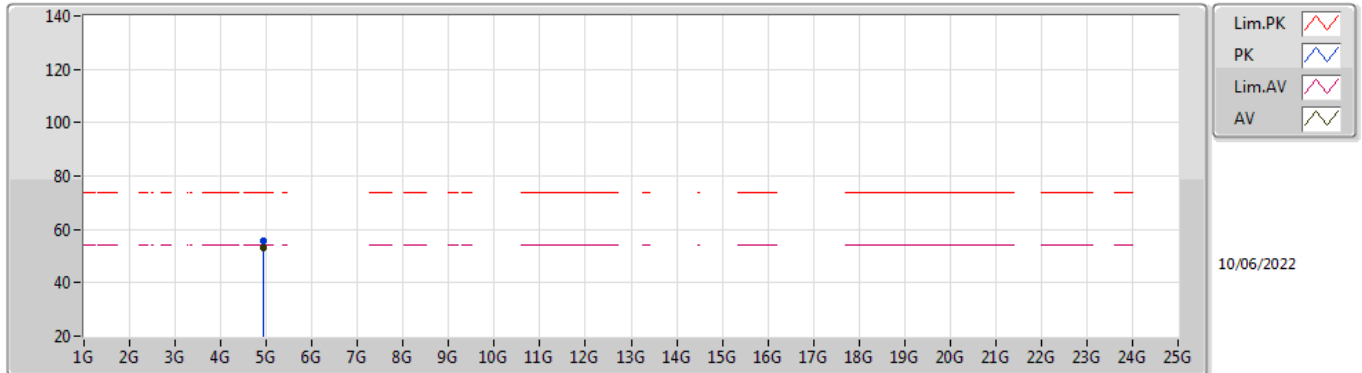
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	110.61	Inf	-Inf	32.29	3	Horizontal	188	1.12	-	78.32	27.68	4.61	-
AV	2.487G	48.38	54.00	-5.62	32.43	3	Horizontal	188	1.12	-	15.95	27.82	4.61	-
PK	2.4628G	112.77	Inf	-Inf	32.29	3	Horizontal	188	1.12	-	80.48	27.68	4.61	-
PK	2.4866G	58.80	74.00	-15.20	32.43	3	Horizontal	188	1.12	-	26.37	27.82	4.61	-

802.11b_Nss1,(1Mbps)_2TX

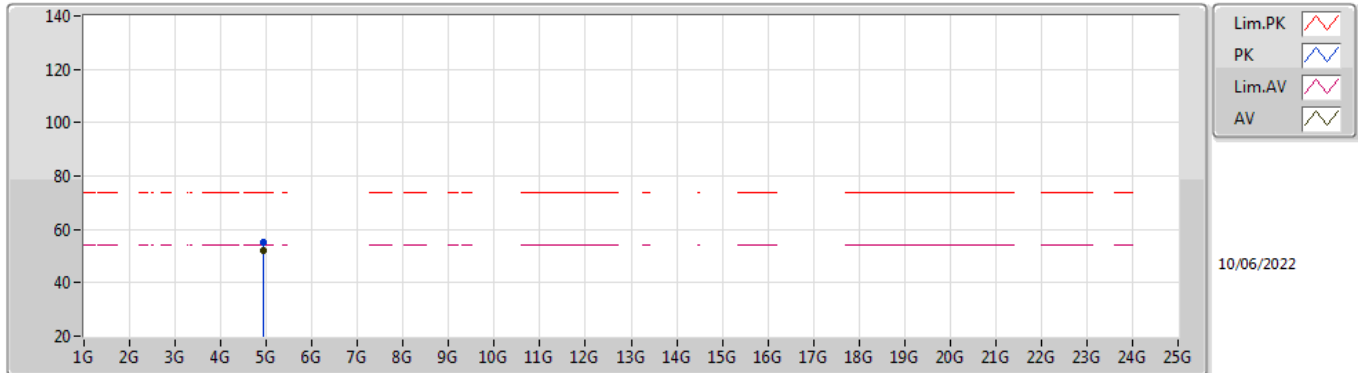
2462MHz_TX



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	4.92401G	52.89	54.00	-1.11	4.87	3	Vertical	176	2.03	-	48.02	32.90	6.75	34.78
PK	4.92402G	55.86	74.00	-18.14	4.87	3	Vertical	176	2.03	-	50.99	32.90	6.75	34.78

802.11b_Nss1,(1Mbps)_2TX

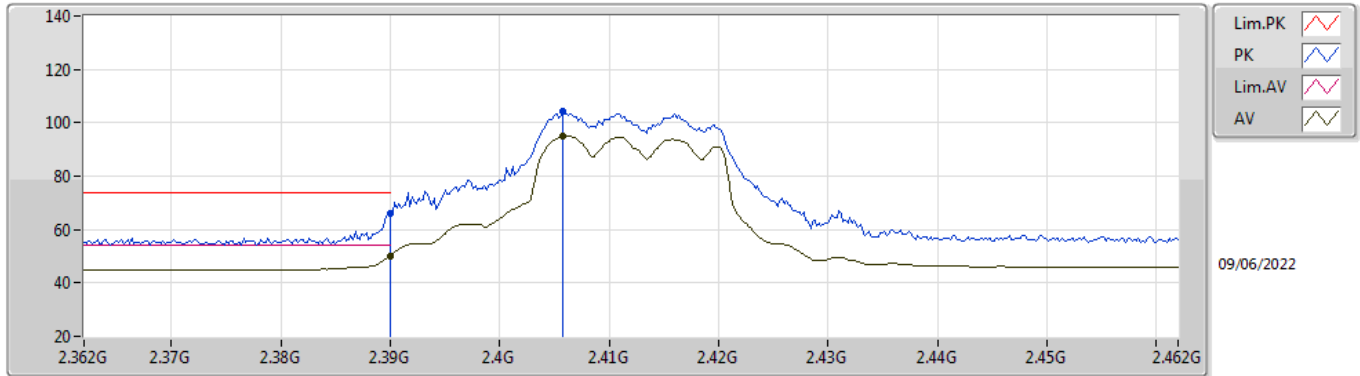
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	51.85	54.00	-2.15	4.87	3	Horizontal	169	1.02	-	46.98	32.90	6.75	34.78
PK	4.92392G	55.07	74.00	-18.93	4.87	3	Horizontal	169	1.02	-	50.20	32.90	6.75	34.78

802.11g_Nss1,(6Mbps)_2TX

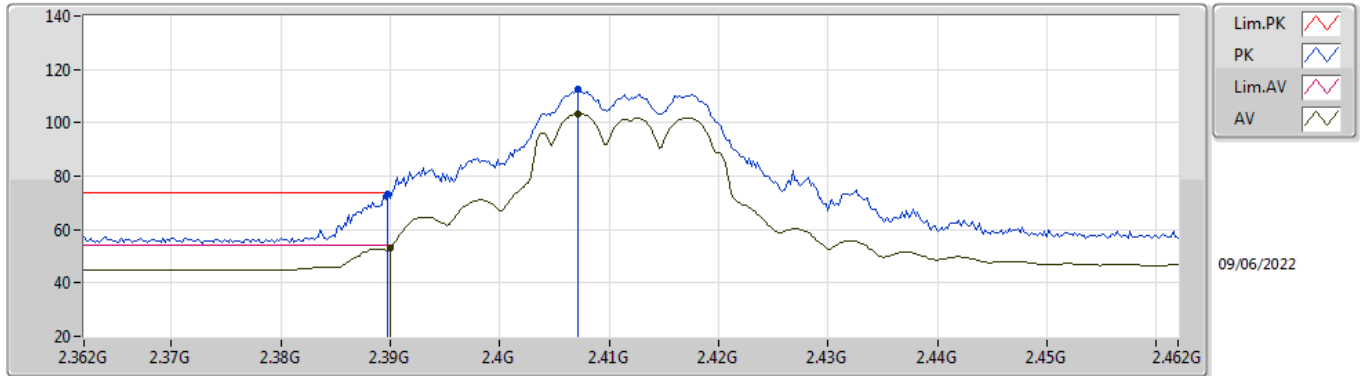
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.23	54.00	-3.77	32.01	3	Vertical	217	2.61	-	18.22	27.44	4.57	-
AV	2.4058G	95.14	Inf	-Inf	32.09	3	Vertical	217	2.61	-	63.05	27.51	4.58	-
PK	2.39G	65.82	74.00	-8.18	32.01	3	Vertical	217	2.61	-	33.81	27.44	4.57	-
PK	2.4058G	104.23	Inf	-Inf	32.09	3	Vertical	217	2.61	-	72.14	27.51	4.58	-

802.11g_Nss1,(6Mbps)_2TX

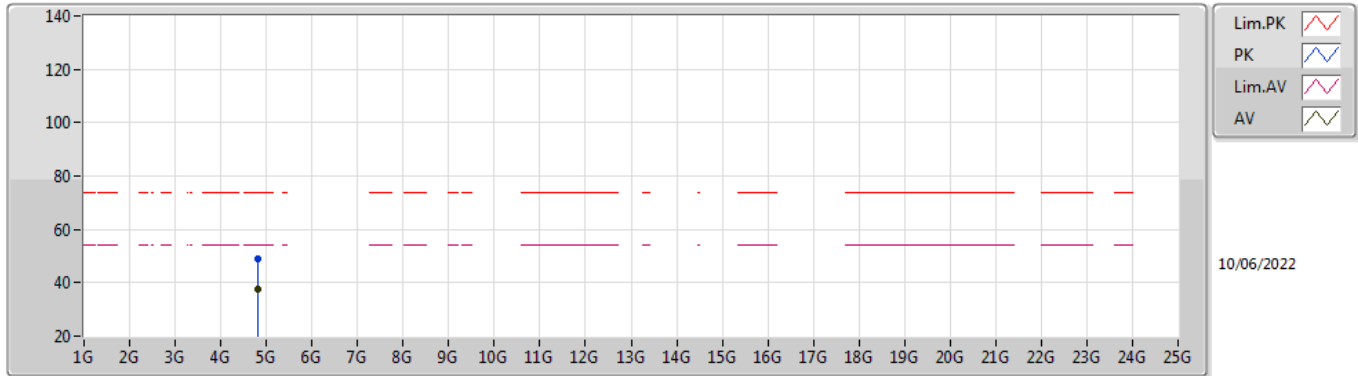
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.99	54.00	-1.01	32.01	3	Horizontal	161	1.33	-	20.98	27.44	4.57	-
AV	2.4072G	103.30	Inf	-Inf	32.09	3	Horizontal	161	1.33	-	71.21	27.51	4.58	-
PK	2.3898G	73.22	74.00	-0.78	32.01	3	Horizontal	161	1.33	-	41.21	27.44	4.57	-
PK	2.4072G	112.38	Inf	-Inf	32.09	3	Horizontal	161	1.33	-	80.29	27.51	4.58	-

802.11g_Nss1,(6Mbps)_2TX

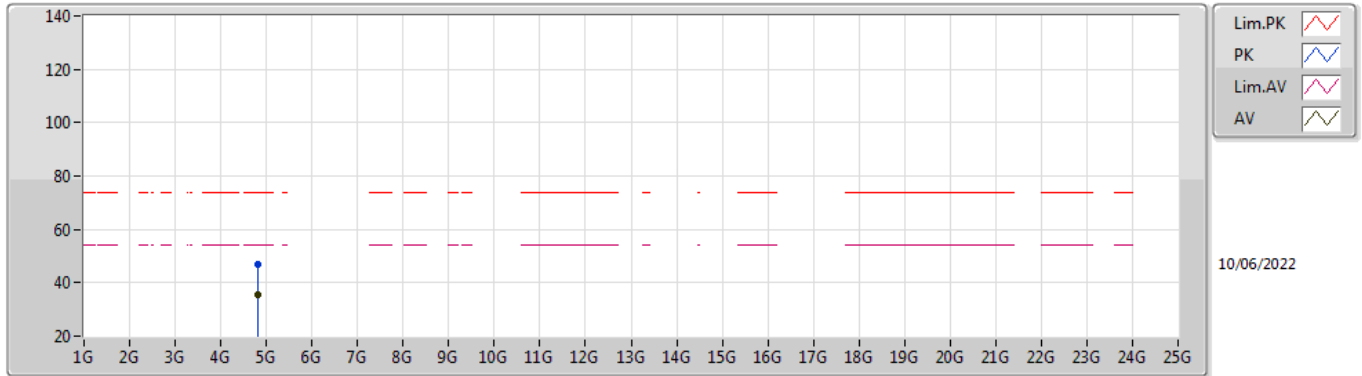
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82704G	37.52	54.00	-16.48	4.34	3	Vertical	184	1.12	-	33.18	32.46	6.68	34.80
PK	4.82704G	49.14	74.00	-24.86	4.34	3	Vertical	184	1.12	-	44.80	32.46	6.68	34.80

802.11g_Nss1,(6Mbps)_2TX

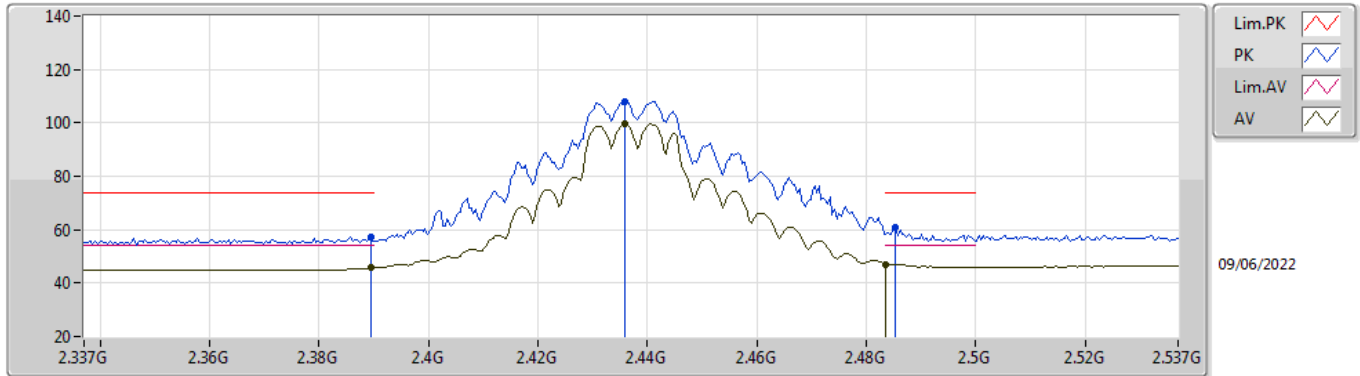
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82776G	35.73	54.00	-18.27	4.35	3	Horizontal	156	1.00	-	31.38	32.47	6.68	34.80
PK	4.82728G	46.82	74.00	-27.18	4.34	3	Horizontal	156	1.00	-	42.48	32.46	6.68	34.80

802.11g_Nss1,(6Mbps)_2TX

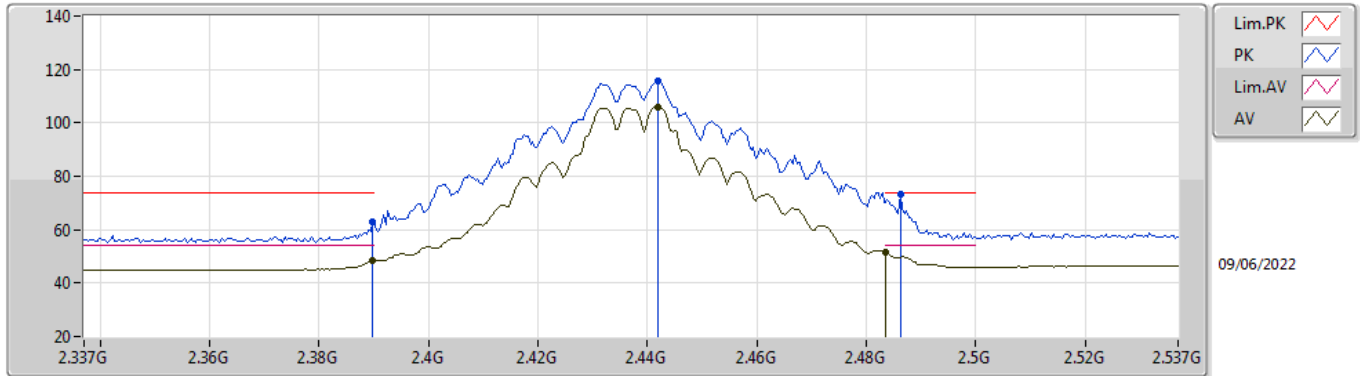
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	45.65	54.00	-8.35	32.01	3	Vertical	168	1.50	-	13.64	27.44	4.57	-
AV	2.4358G	99.41	Inf	-Inf	32.16	3	Vertical	168	1.50	-	67.25	27.57	4.59	-
AV	2.4835G	47.07	54.00	-6.93	32.41	3	Vertical	168	1.50	-	14.66	27.80	4.61	-
PK	2.3894G	57.19	74.00	-16.81	32.01	3	Vertical	168	1.50	-	25.18	27.44	4.57	-
PK	2.4358G	108.12	Inf	-Inf	32.16	3	Vertical	168	1.50	-	75.96	27.57	4.59	-
PK	2.4854G	61.02	74.00	-12.98	32.42	3	Vertical	168	1.50	-	28.60	27.81	4.61	-

802.11g_Nss1,(6Mbps)_2TX

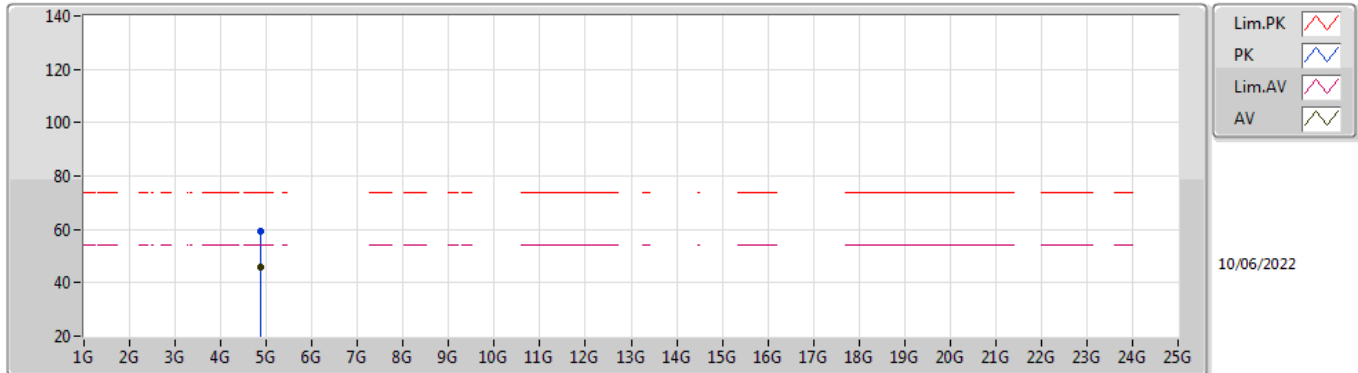
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.41	54.00	-5.59	32.01	3	Horizontal	354	1.29	-	16.40	27.44	4.57	-
AV	2.4418G	106.12	Inf	-Inf	32.18	3	Horizontal	354	1.29	-	73.94	27.58	4.60	-
AV	2.4835G	51.60	54.00	-2.40	32.41	3	Horizontal	354	1.29	-	19.19	27.80	4.61	-
PK	2.3898G	62.70	74.00	-11.30	32.01	3	Horizontal	354	1.29	-	30.69	27.44	4.57	-
PK	2.4418G	115.91	Inf	-Inf	32.18	3	Horizontal	354	1.29	-	83.73	27.58	4.60	-
PK	2.4862G	73.45	74.00	-0.55	32.43	3	Horizontal	354	1.29	-	41.02	27.82	4.61	-

802.11g_Nss1,(6Mbps)_2TX

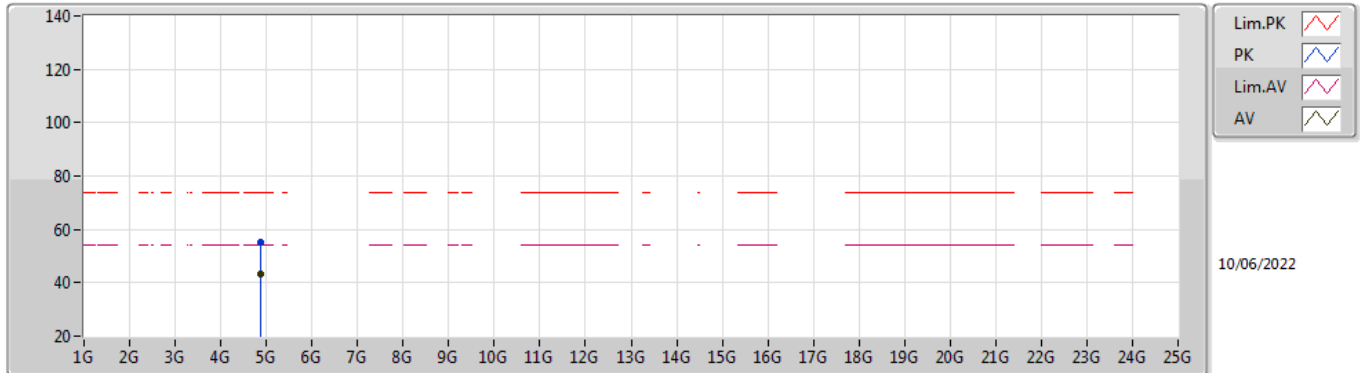
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87384G	45.95	54.00	-8.05	4.63	3	Vertical	168	2.96	-	41.32	32.70	6.72	34.79
PK	4.87456G	59.54	74.00	-14.46	4.63	3	Vertical	168	2.96	-	54.91	32.70	6.72	34.79

802.11g_Nss1,(6Mbps)_2TX

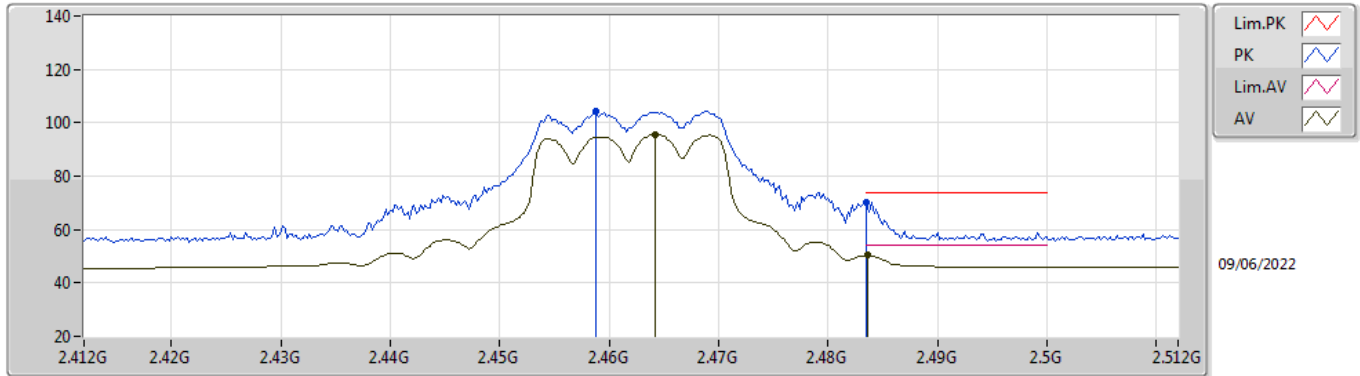
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87376G	43.44	54.00	-10.56	4.63	3	Horizontal	296	3.00	-	38.81	32.70	6.72	34.79
PK	4.87448G	54.96	74.00	-19.04	4.63	3	Horizontal	296	3.00	-	50.33	32.70	6.72	34.79

802.11g_Nss1,(6Mbps)_2TX

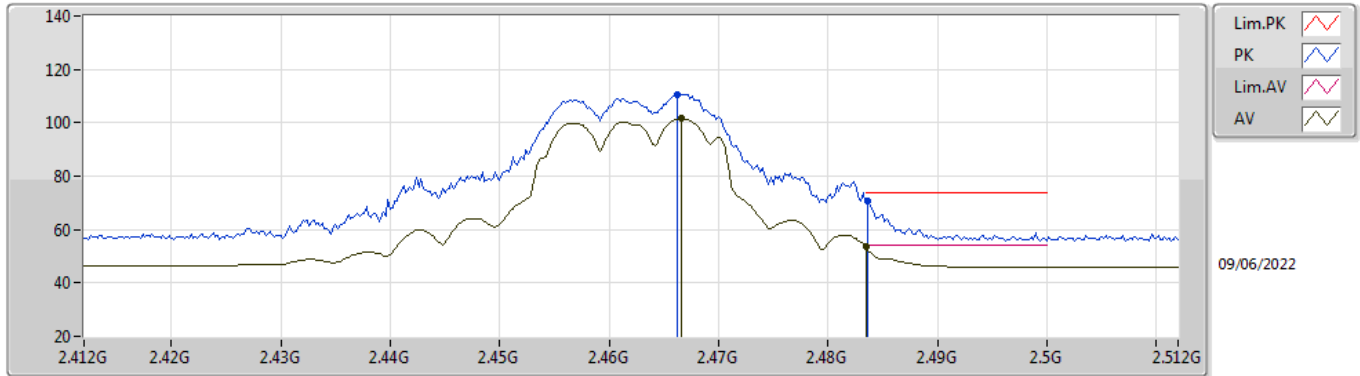
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4642G	95.56	Inf	-Inf	32.30	3	Vertical	213	1.67	-	63.26	27.69	4.61	-
AV	2.4836G	50.29	54.00	-3.71	32.41	3	Vertical	213	1.67	-	17.88	27.80	4.61	-
PK	2.4588G	104.34	Inf	-Inf	32.25	3	Vertical	213	1.67	-	72.09	27.65	4.60	-
PK	2.4835G	70.34	74.00	-3.66	32.41	3	Vertical	213	1.67	-	37.93	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

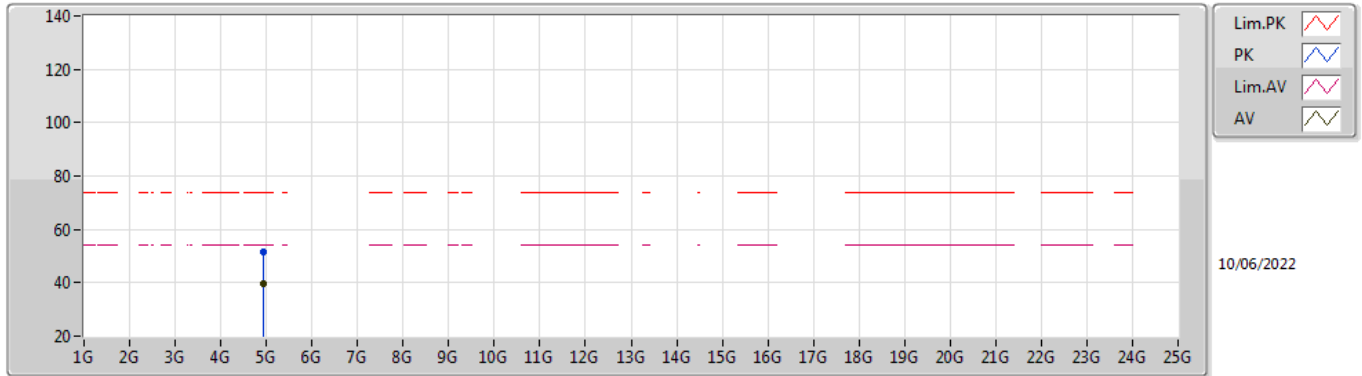
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4666G	101.59	Inf	-Inf	32.31	3	Horizontal	358	1.50	-	69.28	27.70	4.61	-
AV	2.4835G	53.40	54.00	-0.60	32.41	3	Horizontal	358	1.50	-	20.99	27.80	4.61	-
PK	2.4662G	110.53	Inf	-Inf	32.31	3	Horizontal	358	1.50	-	78.22	27.70	4.61	-
PK	2.4836G	70.72	74.00	-3.28	32.41	3	Horizontal	358	1.50	-	38.31	27.80	4.61	-

802.11g_Nss1,(6Mbps)_2TX

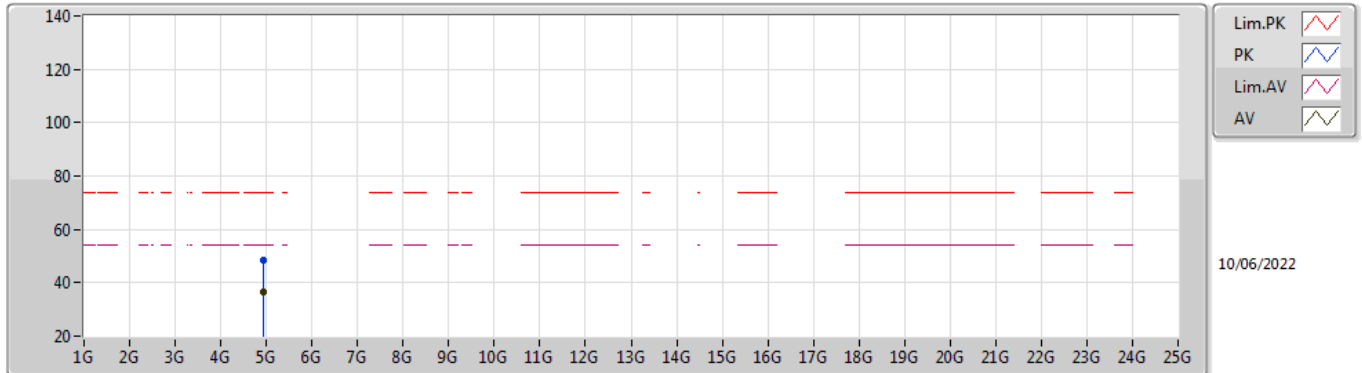
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92256G	39.71	54.00	-14.29	4.86	3	Vertical	171	2.74	-	34.85	32.89	6.75	34.78
PK	4.92704G	51.62	74.00	-22.38	4.89	3	Vertical	171	2.74	-	46.73	32.91	6.76	34.78

802.11g_Nss1,(6Mbps)_2TX

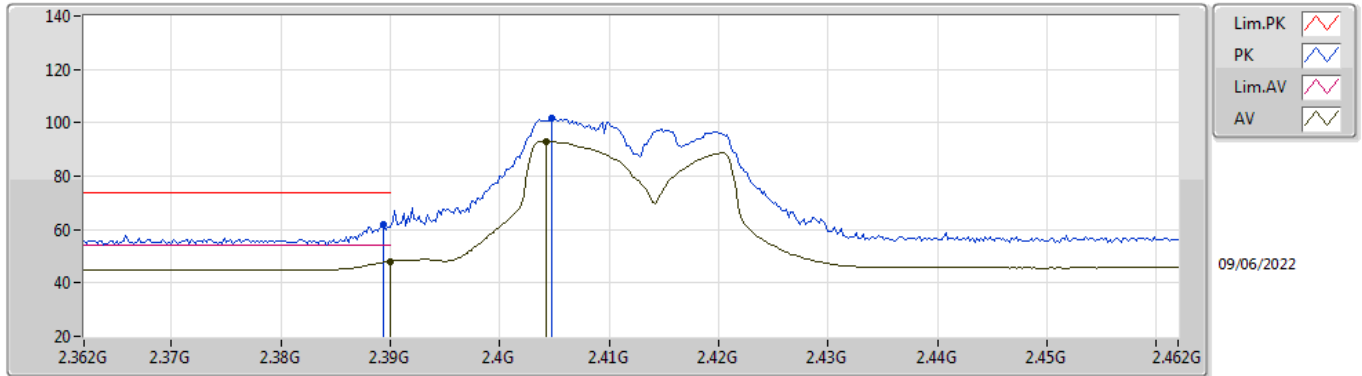
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92248G	36.76	54.00	-17.24	4.86	3	Horizontal	113	1.18	-	31.90	32.89	6.75	34.78
PK	4.92752G	48.70	74.00	-25.30	4.89	3	Horizontal	113	1.18	-	43.81	32.91	6.76	34.78

802.11n HT20_Nss1,(MCS0)_2TX

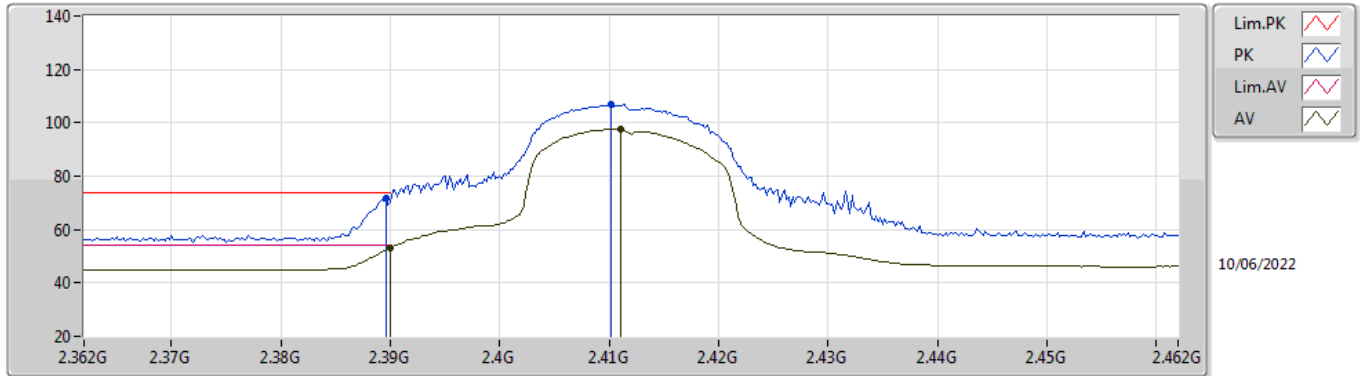
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.98	54.00	-6.02	32.01	3	Vertical	229	1.08	-	15.97	27.44	4.57	-
AV	2.4042G	93.01	Inf	-Inf	32.09	3	Vertical	229	1.08	-	60.92	27.51	4.58	-
PK	2.3894G	61.80	74.00	-12.20	32.01	3	Vertical	229	1.08	-	29.79	27.44	4.57	-
PK	2.4048G	101.70	Inf	-Inf	32.09	3	Vertical	229	1.08	-	69.61	27.51	4.58	-

802.11n HT20_Nss1,(MCS0)_2TX

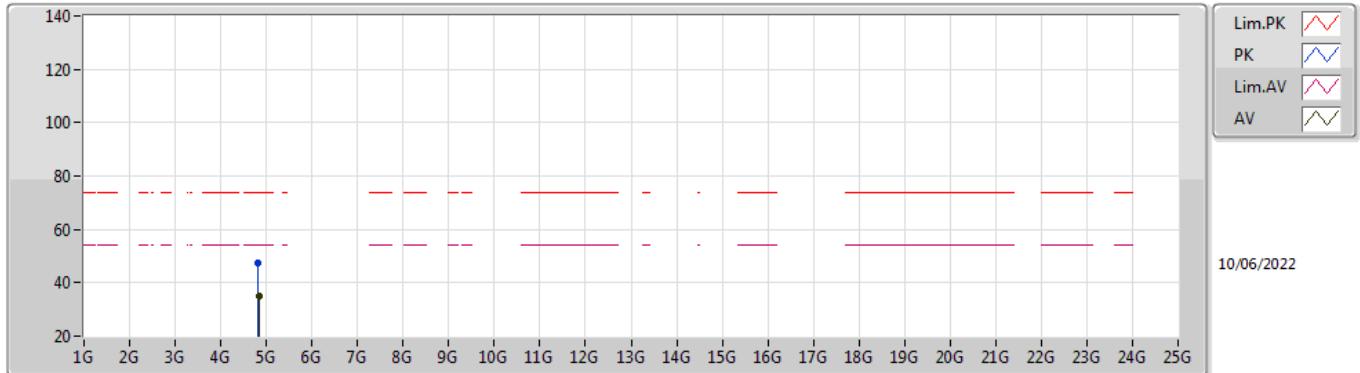
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.13	54.00	-0.87	32.01	3	Horizontal	0	1.29	-	21.12	27.44	4.57	-
AV	2.411G	97.56	Inf	-Inf	32.10	3	Horizontal	0	1.29	-	65.46	27.52	4.58	-
PK	2.3896G	71.67	74.00	-2.33	32.01	3	Horizontal	0	1.29	-	39.66	27.44	4.57	-
PK	2.4102G	106.77	Inf	-Inf	32.10	3	Horizontal	0	1.29	-	74.67	27.52	4.58	-

802.11n HT20_Nss1,(MCS0)_2TX

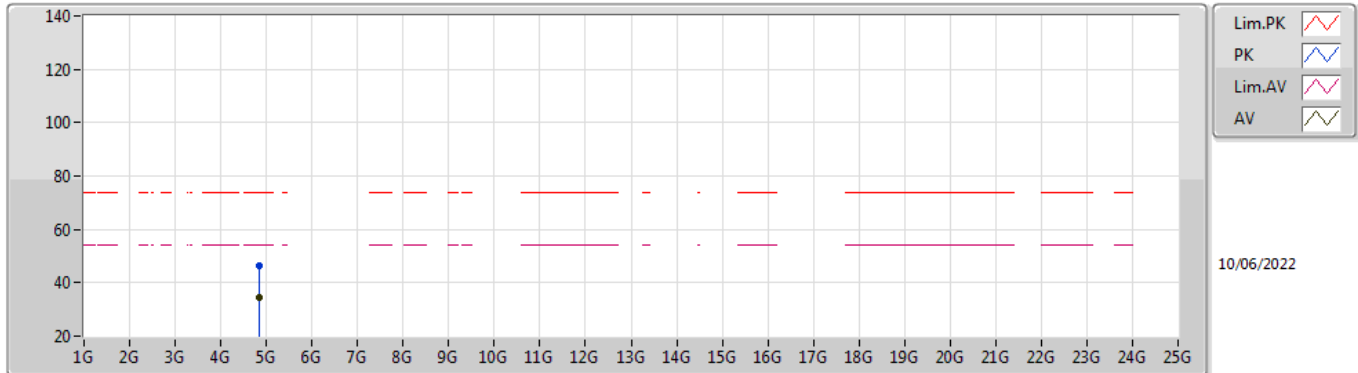
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83504G	35.18	54.00	-18.82	4.40	3	Vertical	186	1.41	-	30.78	32.51	6.69	34.80
PK	4.81728G	47.28	74.00	-26.72	4.26	3	Vertical	186	1.41	-	43.02	32.40	6.67	34.81

802.11n HT20_Nss1,(MCS0)_2TX

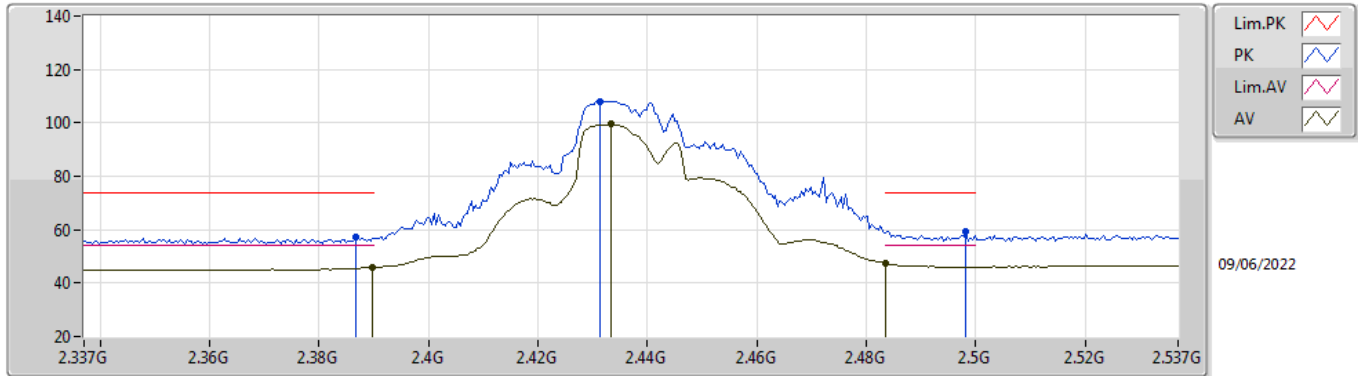
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82952G	34.42	54.00	-19.58	4.36	3	Horizontal	355	1.62	-	30.06	32.48	6.68	34.80
PK	4.834G	46.20	74.00	-27.80	4.39	3	Horizontal	355	1.62	-	41.81	32.50	6.69	34.80

802.11n HT20_Nss1,(MCS0)_2TX

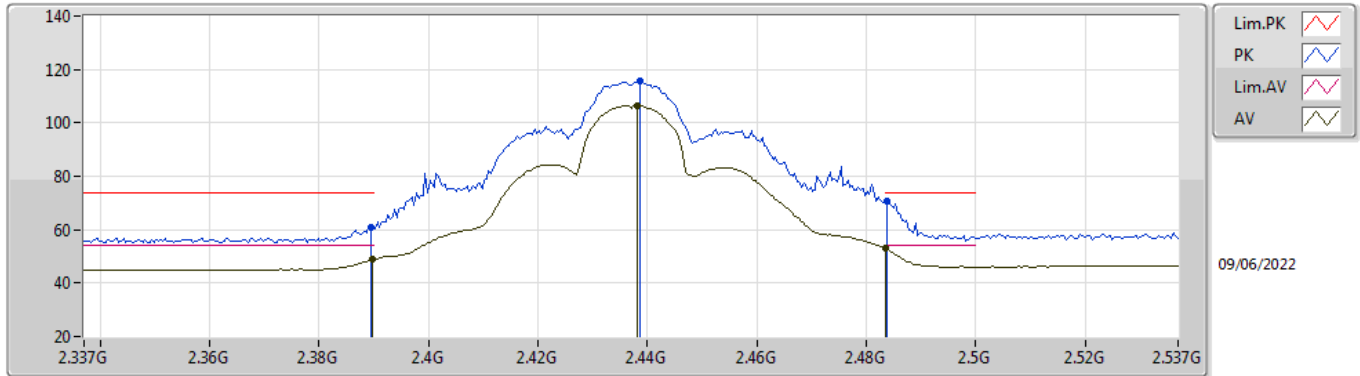
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.88	54.00	-8.12	32.01	3	Vertical	167	1.50	-	13.87	27.44	4.57	-
AV	2.4334G	99.57	Inf	-Inf	32.16	3	Vertical	167	1.50	-	67.41	27.57	4.59	-
AV	2.4835G	47.27	54.00	-6.73	32.41	3	Vertical	167	1.50	-	14.86	27.80	4.61	-
PK	2.3866G	57.04	74.00	-16.96	31.99	3	Vertical	167	1.50	-	25.05	27.42	4.57	-
PK	2.4314G	108.07	Inf	-Inf	32.15	3	Vertical	167	1.50	-	75.92	27.56	4.59	-
PK	2.4982G	59.10	74.00	-14.90	32.51	3	Vertical	167	1.50	-	26.59	27.89	4.62	-

802.11n HT20_Nss1,(MCS0)_2TX

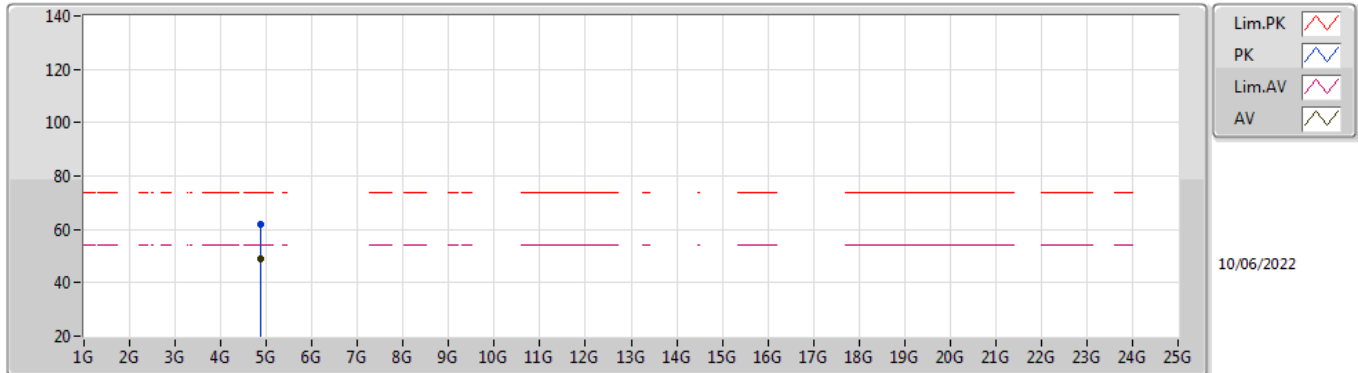
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.86	54.00	-5.14	32.01	3	Horizontal	347	1.02	-	16.85	27.44	4.57	-
AV	2.4382G	106.51	Inf	-Inf	32.18	3	Horizontal	347	1.02	-	74.33	27.58	4.60	-
AV	2.4835G	53.06	54.00	-0.94	32.41	3	Horizontal	347	1.02	-	20.65	27.80	4.61	-
PK	2.3894G	61.07	74.00	-12.93	32.01	3	Horizontal	347	1.02	-	29.06	27.44	4.57	-
PK	2.4386G	115.50	Inf	-Inf	32.18	3	Horizontal	347	1.02	-	83.32	27.58	4.60	-
PK	2.4838G	70.79	74.00	-3.21	32.41	3	Horizontal	347	1.02	-	38.38	27.80	4.61	-

802.11n HT20_Nss1,(MCS0)_2TX

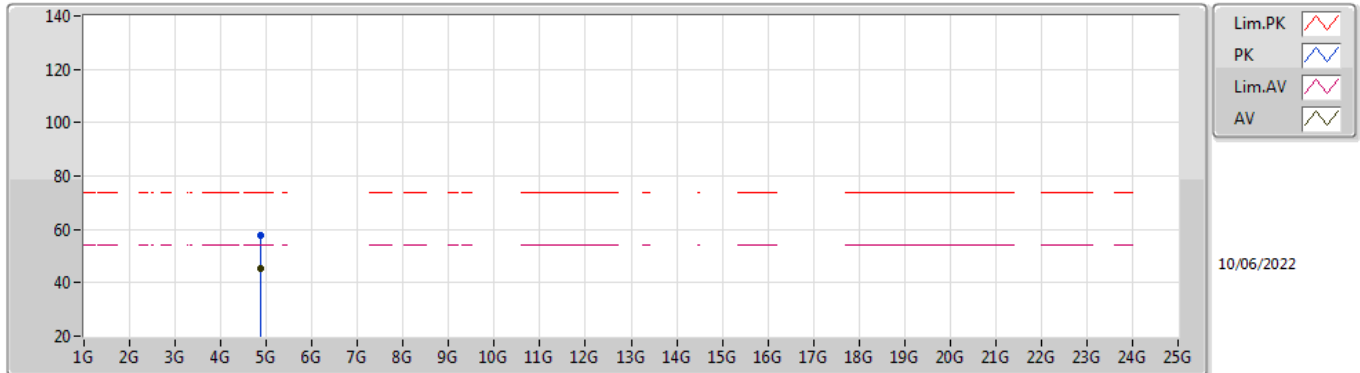
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87304G	49.11	54.00	-4.89	4.61	3	Vertical	183	1.37	-	44.50	32.69	6.71	34.79
PK	4.8728G	61.67	74.00	-12.33	4.61	3	Vertical	183	1.37	-	57.06	32.69	6.71	34.79

802.11n HT20_Nss1,(MCS0)_2TX

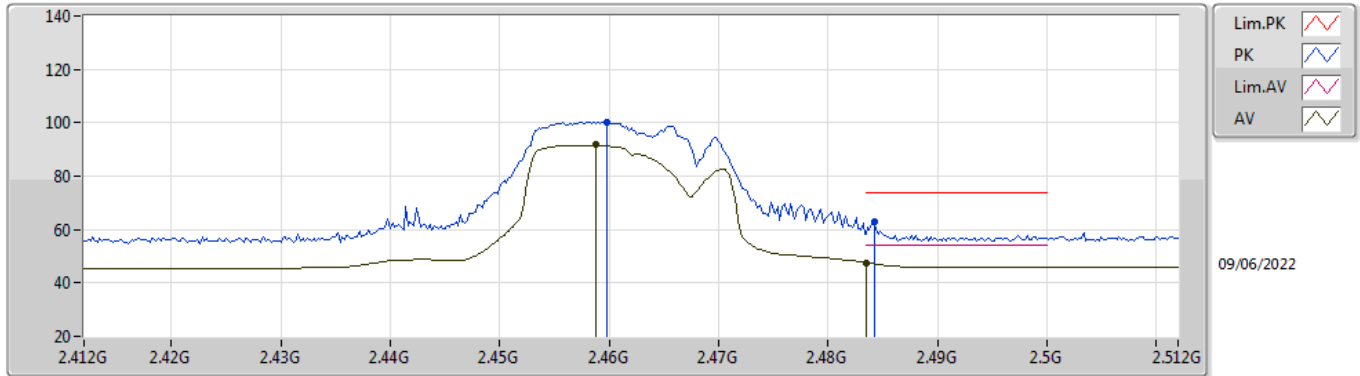
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8752G	45.59	54.00	-8.41	4.63	3	Horizontal	114	1.00	-	40.96	32.70	6.72	34.79
PK	4.87712G	57.65	74.00	-16.35	4.64	3	Horizontal	114	1.00	-	53.01	32.71	6.72	34.79

802.11n HT20_Nss1,(MCS0)_2TX

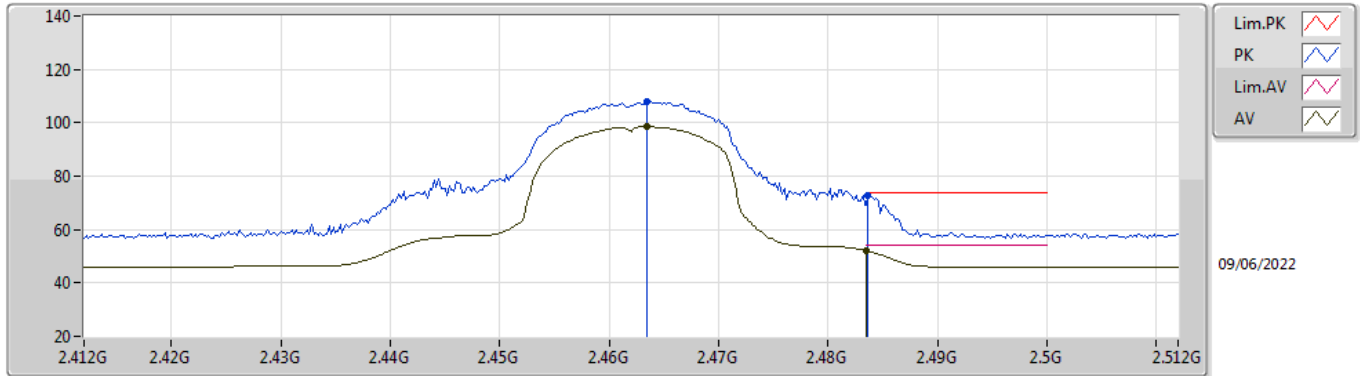
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4588G	91.67	Inf	-Inf	32.25	3	Vertical	168	1.44	-	59.42	27.65	4.60	-
AV	2.4835G	47.62	54.00	-6.38	32.41	3	Vertical	168	1.44	-	15.21	27.80	4.61	-
PK	2.4598G	100.38	Inf	-Inf	32.26	3	Vertical	168	1.44	-	68.12	27.66	4.60	-
PK	2.4842G	62.77	74.00	-11.23	32.42	3	Vertical	168	1.44	-	30.35	27.81	4.61	-

802.11n HT20_Nss1,(MCS0)_2TX

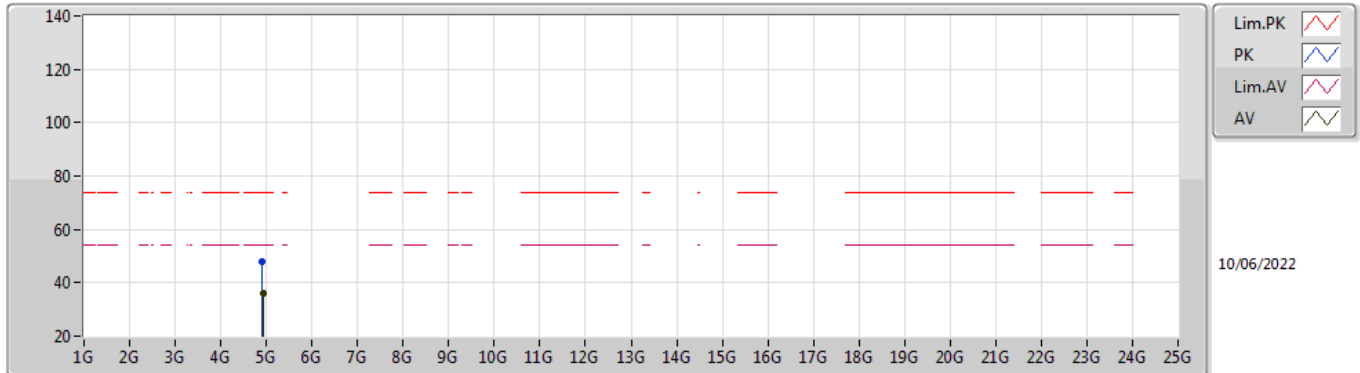
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4634G	98.57	Inf	-Inf	32.29	3	Horizontal	350	1.50	-	66.28	27.68	4.61	-
AV	2.4835G	52.11	54.00	-1.89	32.41	3	Horizontal	350	1.50	-	19.70	27.80	4.61	-
PK	2.4634G	107.90	Inf	-Inf	32.29	3	Horizontal	350	1.50	-	75.61	27.68	4.61	-
PK	2.4836G	72.75	74.00	-1.25	32.41	3	Horizontal	350	1.50	-	40.34	27.80	4.61	-

802.11n HT20_Nss1,(MCS0)_2TX

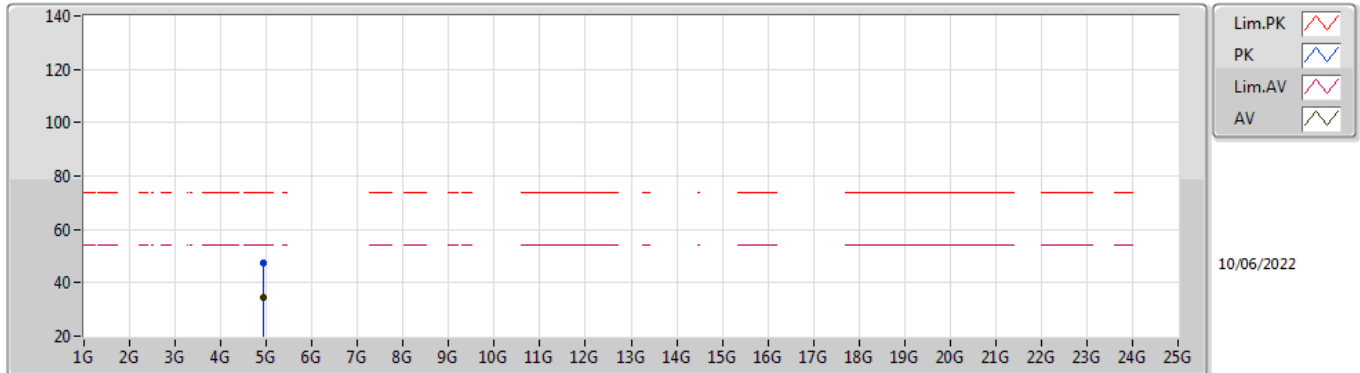
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92376G	35.78	54.00	-18.22	4.87	3	Vertical	184	1.47	-	30.91	32.90	6.75	34.78
PK	4.91696G	47.71	74.00	-26.29	4.84	3	Vertical	184	1.47	-	42.87	32.87	6.75	34.78

802.11n HT20_Nss1,(MCS0)_2TX

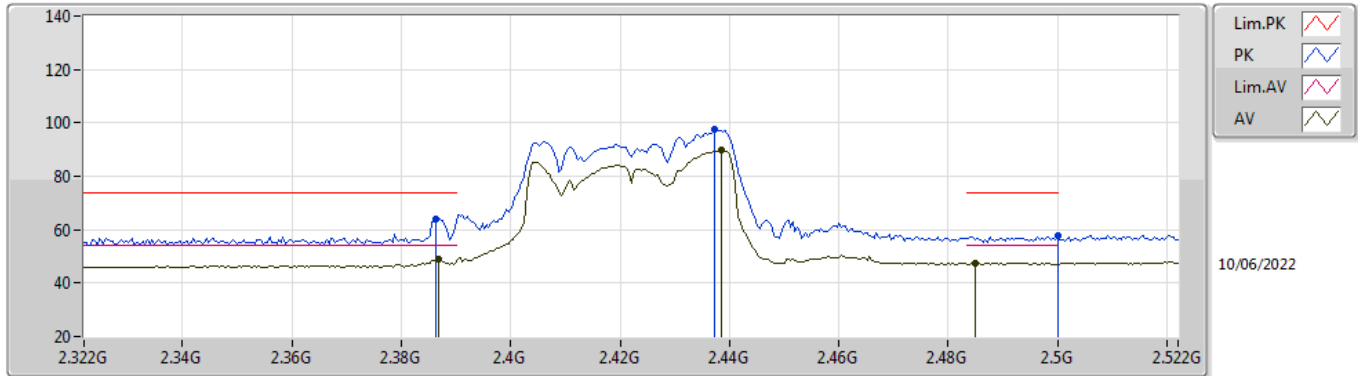
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92176G	34.60	54.00	-19.40	4.86	3	Horizontal	117	1.50	-	29.74	32.89	6.75	34.78
PK	4.93152G	47.52	74.00	-26.48	4.91	3	Horizontal	117	1.50	-	42.61	32.93	6.76	34.78

802.11n HT40_Nss1,(MCS0)_2TX

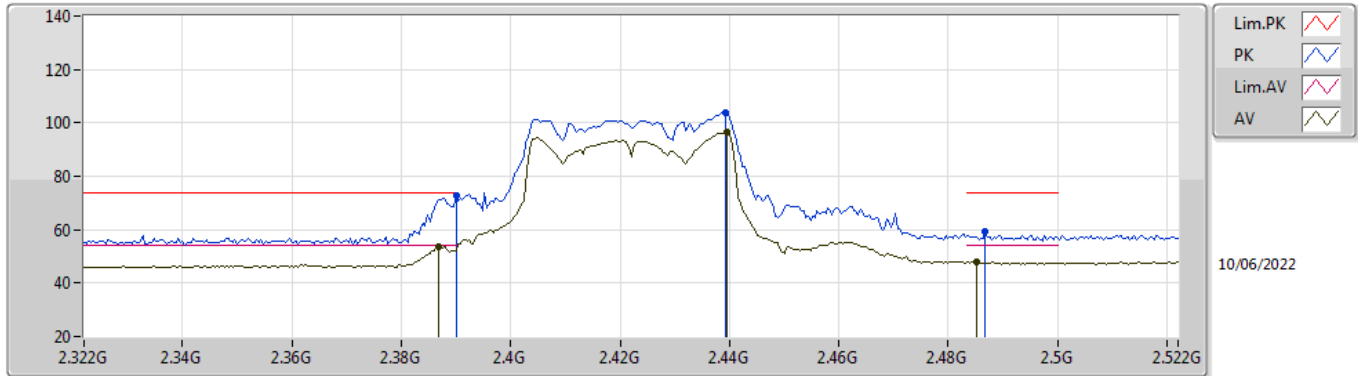
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3868G	48.89	54.00	-5.11	31.99	3	Vertical	166	1.50	-	16.90	27.42	4.57	-
AV	2.4384G	89.58	Inf	-Inf	32.18	3	Vertical	166	1.50	-	57.40	27.58	4.60	-
AV	2.4848G	47.58	54.00	-6.42	32.42	3	Vertical	166	1.50	-	15.16	27.81	4.61	-
PK	2.3864G	63.99	74.00	-10.01	31.99	3	Vertical	166	1.50	-	32.00	27.42	4.57	-
PK	2.4372G	97.68	Inf	-Inf	32.16	3	Vertical	166	1.50	-	65.52	27.57	4.59	-
PK	2.5G	57.69	74.00	-16.31	32.52	3	Vertical	166	1.50	-	25.17	27.90	4.62	-

802.11n HT40_Nss1,(MCS0)_2TX

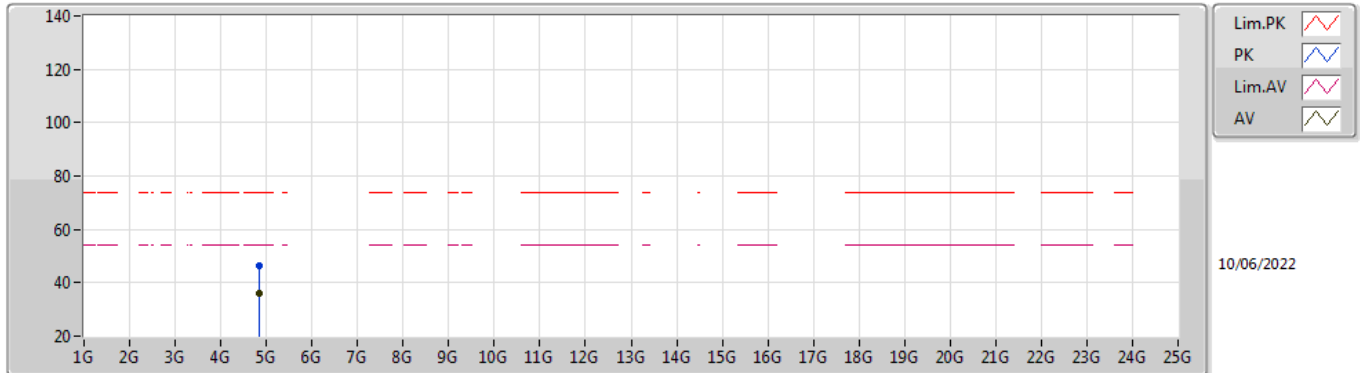
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3868G	53.74	54.00	-0.26	31.99	3	Horizontal	0	1.59	-	21.75	27.42	4.57	-
AV	2.4396G	96.34	Inf	-Inf	32.18	3	Horizontal	0	1.59	-	64.16	27.58	4.60	-
AV	2.4852G	48.16	54.00	-5.84	32.42	3	Horizontal	0	1.59	-	15.74	27.81	4.61	-
PK	2.39G	72.55	74.00	-1.45	32.01	3	Horizontal	0	1.59	-	40.54	27.44	4.57	-
PK	2.4392G	104.03	Inf	-Inf	32.18	3	Horizontal	0	1.59	-	71.85	27.58	4.60	-
PK	2.4868G	59.20	74.00	-14.80	32.43	3	Horizontal	0	1.59	-	26.77	27.82	4.61	-

802.11n HT40_Nss1,(MCS0)_2TX

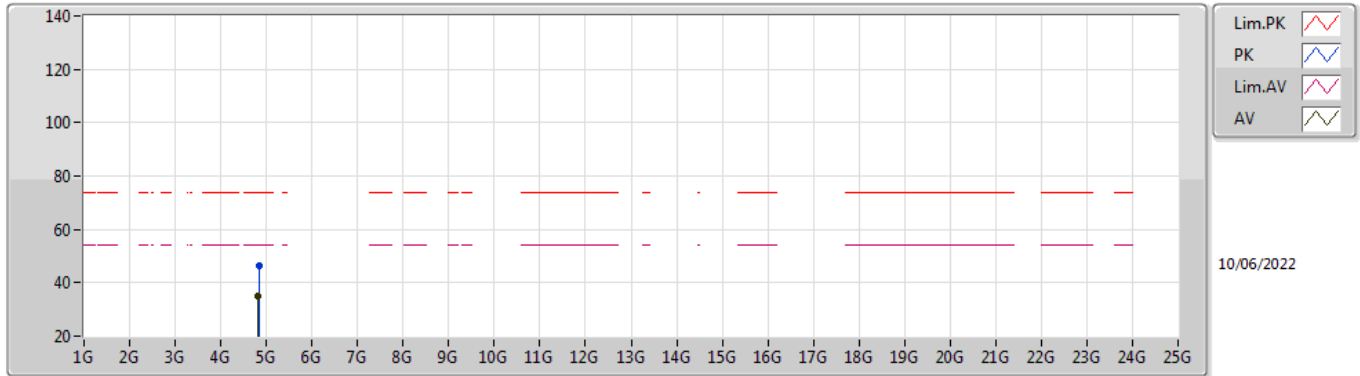
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84112G	35.96	54.00	-18.04	4.44	3	Vertical	169	1.26	-	31.52	32.55	6.69	34.80
PK	4.83488G	46.34	74.00	-27.66	4.40	3	Vertical	169	1.26	-	41.94	32.51	6.69	34.80

802.11n HT40_Nss1,(MCS0)_2TX

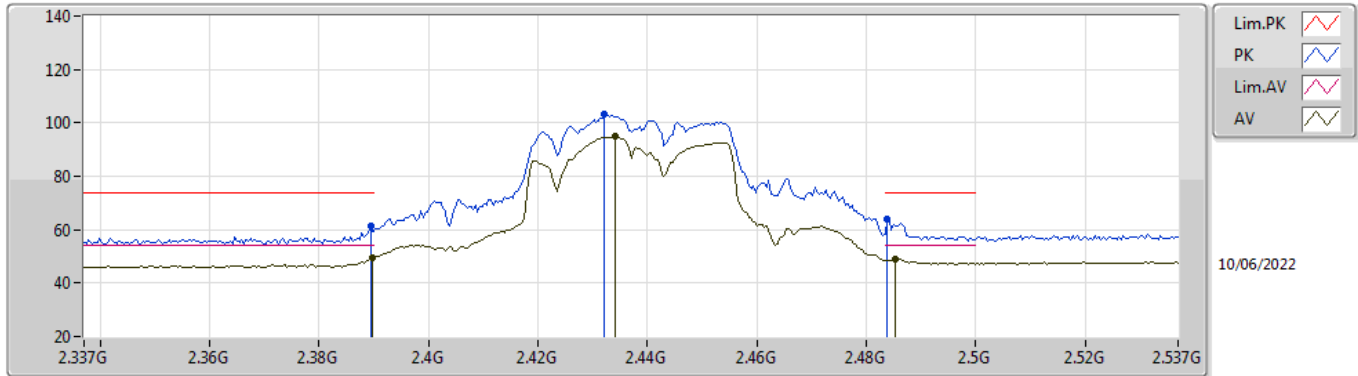
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82816G	35.24	54.00	-18.76	4.35	3	Horizontal	244	1.50	-	30.89	32.47	6.68	34.80
PK	4.84816G	46.34	74.00	-27.66	4.49	3	Horizontal	244	1.50	-	41.85	32.59	6.70	34.80

802.11n HT40_Nss1,(MCS0)_2TX

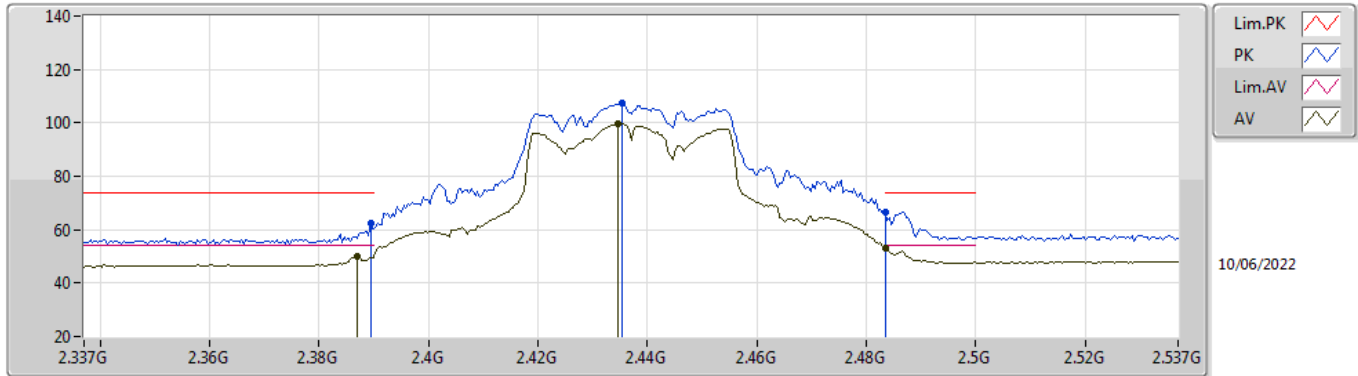
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.23	54.00	-4.77	32.01	3	Vertical	177	1.13	-	17.22	27.44	4.57	-
AV	2.4342G	94.85	Inf	-Inf	32.16	3	Vertical	177	1.13	-	62.69	27.57	4.59	-
AV	2.4854G	49.08	54.00	-4.92	32.42	3	Vertical	177	1.13	-	16.66	27.81	4.61	-
PK	2.3894G	61.25	74.00	-12.75	32.01	3	Vertical	177	1.13	-	29.24	27.44	4.57	-
PK	2.4322G	103.16	Inf	-Inf	32.15	3	Vertical	177	1.13	-	71.01	27.56	4.59	-
PK	2.4838G	63.96	74.00	-10.04	32.41	3	Vertical	177	1.13	-	31.55	27.80	4.61	-

802.11n HT40_Nss1,(MCS0)_2TX

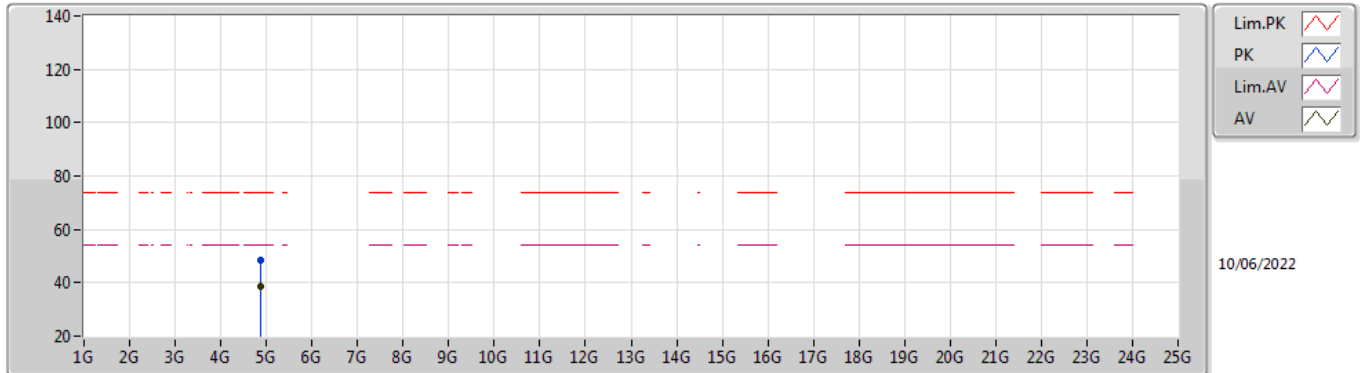
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	50.14	54.00	-3.86	31.99	3	Horizontal	359	1.58	-	18.15	27.42	4.57	-
AV	2.4346G	99.50	Inf	-Inf	32.16	3	Horizontal	359	1.58	-	67.34	27.57	4.59	-
AV	2.4835G	52.96	54.00	-1.04	32.41	3	Horizontal	359	1.58	-	20.55	27.80	4.61	-
PK	2.3894G	62.19	74.00	-11.81	32.01	3	Horizontal	359	1.58	-	30.18	27.44	4.57	-
PK	2.4354G	107.33	Inf	-Inf	32.16	3	Horizontal	359	1.58	-	75.17	27.57	4.59	-
PK	2.4835G	66.56	74.00	-7.44	32.41	3	Horizontal	359	1.58	-	34.15	27.80	4.61	-

802.11n HT40_Nss1,(MCS0)_2TX

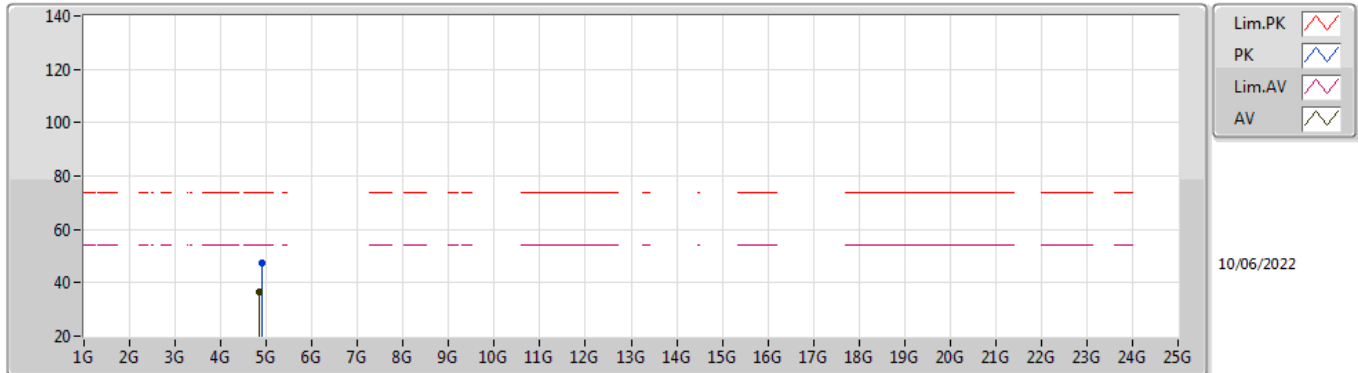
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.86728G	38.72	54.00	-15.28	4.59	3	Vertical	182	1.35	-	34.13	32.67	6.71	34.79
PK	4.86856G	48.62	74.00	-25.38	4.59	3	Vertical	182	1.35	-	44.03	32.67	6.71	34.79

802.11n HT40_Nss1,(MCS0)_2TX

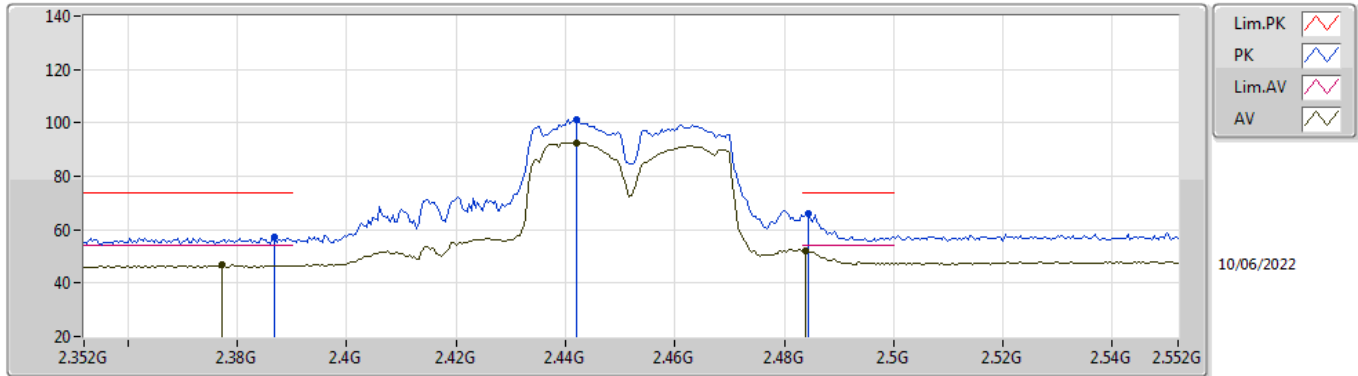
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8524G	36.51	54.00	-17.49	4.51	3	Horizontal	114	1.03	-	32.00	32.61	6.70	34.80
PK	4.89272G	47.45	74.00	-26.55	4.71	3	Horizontal	114	1.03	-	42.74	32.77	6.73	34.79

802.11n HT40_Nss1,(MCS0)_2TX

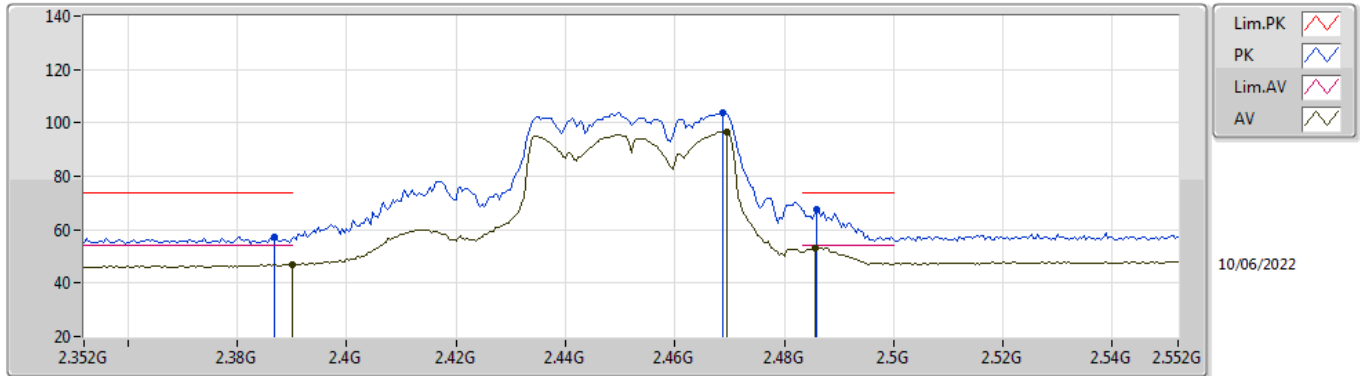
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3772G	46.66	54.00	-7.34	31.92	3	Vertical	227	1.13	-	14.74	27.36	4.56	-
AV	2.442G	92.67	Inf	-Inf	32.18	3	Vertical	227	1.13	-	60.49	27.58	4.60	-
AV	2.484G	52.02	54.00	-1.98	32.41	3	Vertical	227	1.13	-	19.61	27.80	4.61	-
PK	2.3868G	57.14	74.00	-16.86	31.99	3	Vertical	227	1.13	-	25.15	27.42	4.57	-
PK	2.442G	101.08	Inf	-Inf	32.18	3	Vertical	227	1.13	-	68.90	27.58	4.60	-
PK	2.4844G	65.83	74.00	-8.17	32.42	3	Vertical	227	1.13	-	33.41	27.81	4.61	-

802.11n HT40_Nss1,(MCS0)_2TX

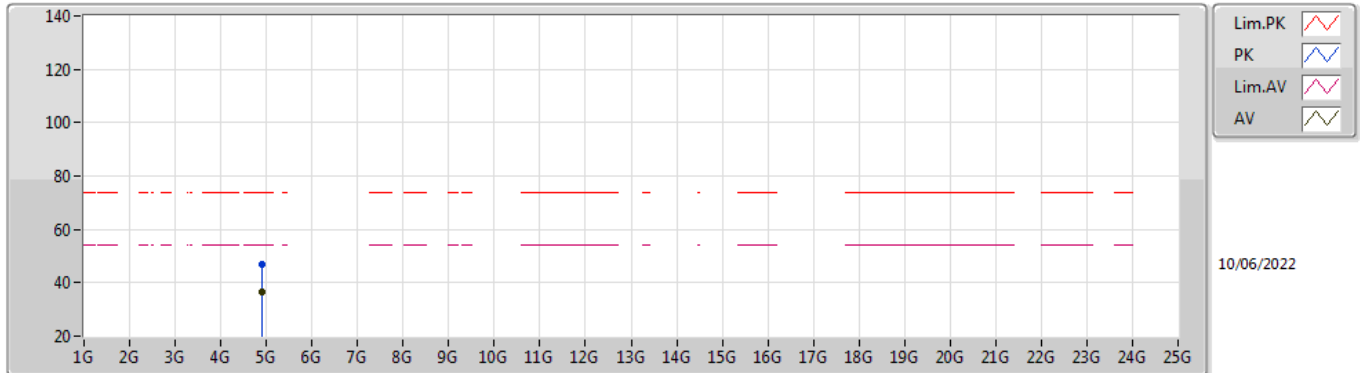
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	46.97	54.00	-7.03	32.01	3	Horizontal	360	1.50	-	14.96	27.44	4.57	-
AV	2.4696G	96.56	Inf	-Inf	32.33	3	Horizontal	360	1.50	-	64.23	27.72	4.61	-
AV	2.4856G	53.36	54.00	-0.64	32.42	3	Horizontal	360	1.50	-	20.94	27.81	4.61	-
PK	2.3868G	57.45	74.00	-16.55	31.99	3	Horizontal	360	1.50	-	25.46	27.42	4.57	-
PK	2.4688G	103.85	Inf	-Inf	32.32	3	Horizontal	360	1.50	-	71.53	27.71	4.61	-
PK	2.486G	67.59	74.00	-6.41	32.43	3	Horizontal	360	1.50	-	35.16	27.82	4.61	-

802.11n HT40_Nss1,(MCS0)_2TX

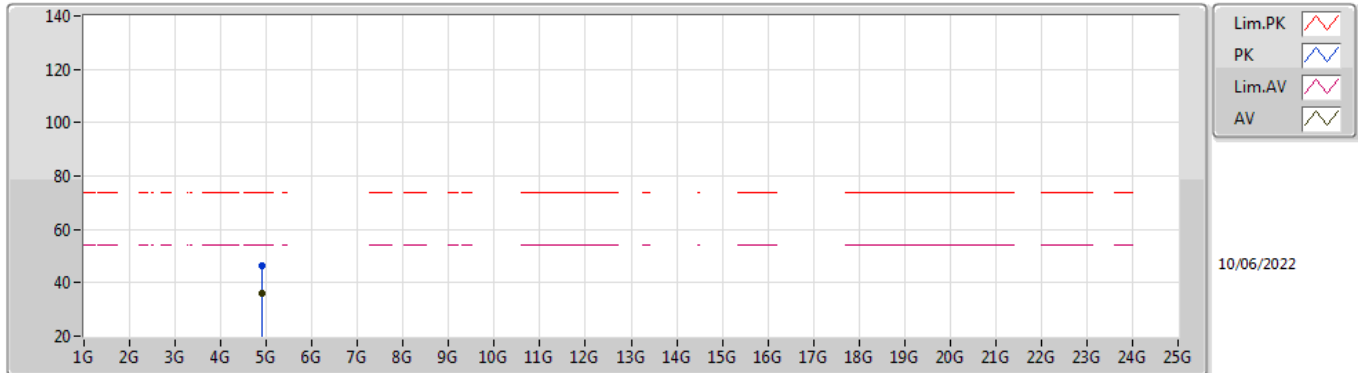
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8952G	36.36	54.00	-17.64	4.72	3	Vertical	162	1.63	-	31.64	32.78	6.73	34.79
PK	4.90576G	46.85	74.00	-27.15	4.78	3	Vertical	162	1.63	-	42.07	32.82	6.74	34.78

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90384G	35.96	54.00	-18.04	4.77	3	Horizontal	172	1.00	-	31.19	32.82	6.74	34.79
PK	4.89456G	46.63	74.00	-27.37	4.72	3	Horizontal	172	1.00	-	41.91	32.78	6.73	34.79



Summary

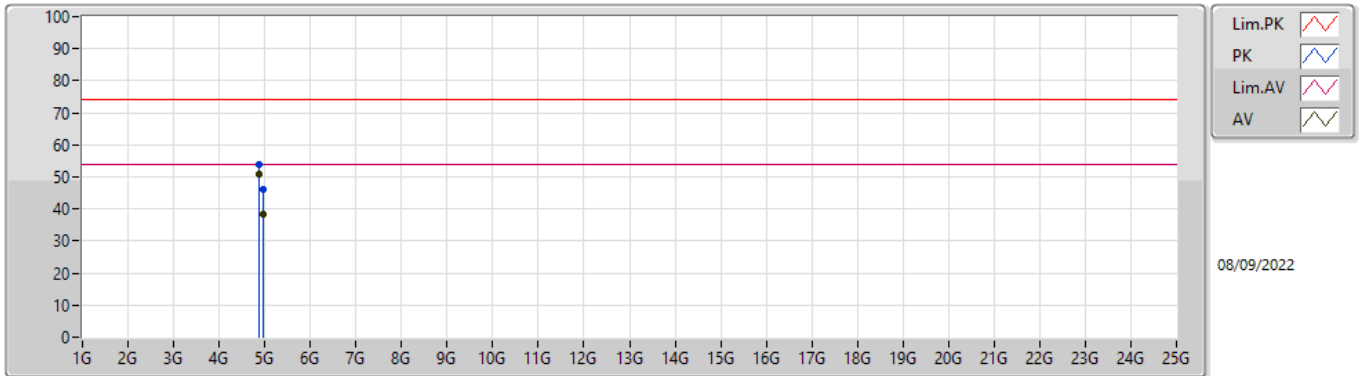
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87396G	51.05	54.00	-2.95	Vertical
Mode 2	Pass	AV	11.6456G	43.03	54.00	-10.97	Horizontal



Result

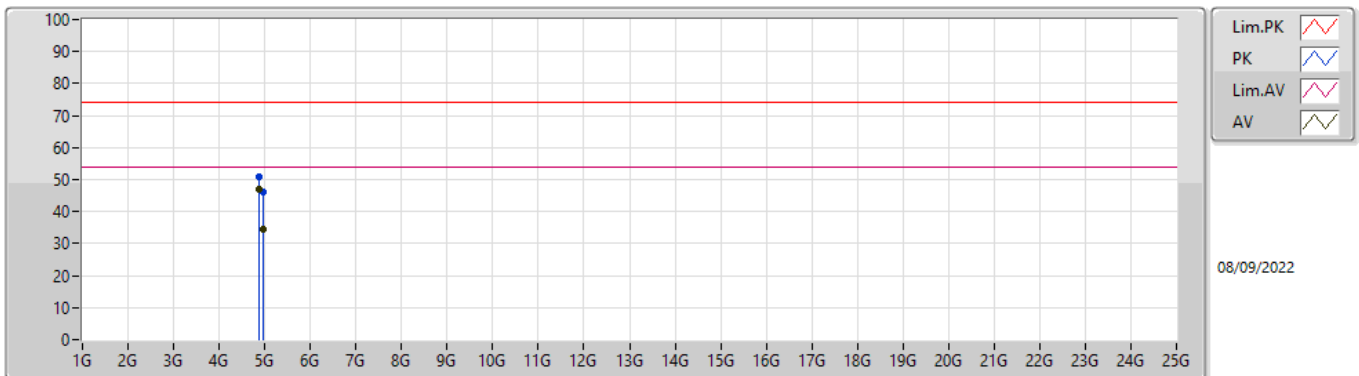
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87396G	51.05	54.00	-2.95	3	Vertical	177	1.67	-
Mode 1	Pass	AV	4.95396G	38.39	54.00	-15.61	3	Vertical	112	1.25	-
Mode 1	Pass	PK	4.87404G	53.90	74.00	-20.10	3	Vertical	177	1.67	-
Mode 1	Pass	PK	4.9516G	45.95	74.00	-28.05	3	Vertical	112	1.25	-
Mode 1	Pass	AV	4.874G	47.16	54.00	-6.84	3	Horizontal	158	1.47	-
Mode 1	Pass	AV	4.95968G	34.67	54.00	-19.33	3	Horizontal	200	1.14	-
Mode 1	Pass	PK	4.87384G	50.94	74.00	-23.06	3	Horizontal	158	1.47	-
Mode 1	Pass	PK	4.95756G	46.23	74.00	-27.77	3	Horizontal	200	1.14	-
Mode 2	Pass	AV	4.96184G	39.44	54.00	-14.56	3	Vertical	110	1.00	-
Mode 2	Pass	AV	11.65408G	42.94	54.00	-11.06	3	Vertical	138	1.50	-
Mode 2	Pass	PK	4.95004G	46.70	74.00	-27.30	3	Vertical	110	1.00	-
Mode 2	Pass	PK	11.65986G	55.56	74.00	-18.44	3	Vertical	138	1.50	-
Mode 2	Pass	AV	4.95796G	35.56	54.00	-18.44	3	Horizontal	189	1.29	-
Mode 2	Pass	AV	11.6456G	43.03	54.00	-10.97	3	Horizontal	164	1.08	-
Mode 2	Pass	PK	4.96544G	45.70	74.00	-28.30	3	Horizontal	189	1.29	-
Mode 2	Pass	PK	11.64588G	54.69	74.00	-19.31	3	Horizontal	164	1.08	-

Radiated Emissions above 1GHz_Mode 1



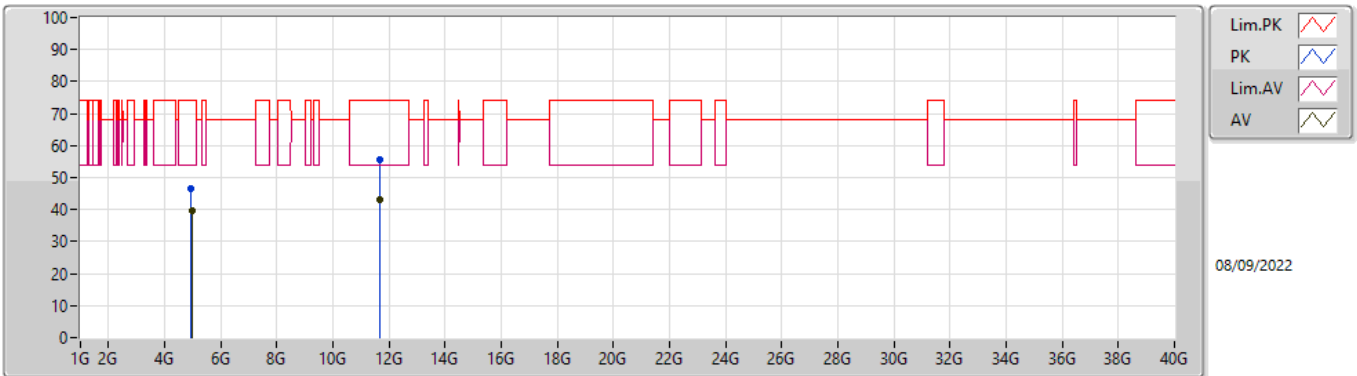
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87396G	51.05	54.00	-2.95	5.36	3	Vertical	177	1.67	-	45.69	32.75	6.90	34.29
AV	4.95396G	38.39	54.00	-15.61	5.75	3	Vertical	112	1.25	-	32.64	33.12	6.91	34.28
PK	4.87404G	53.90	74.00	-20.10	5.36	3	Vertical	177	1.67	-	48.54	32.75	6.90	34.29
PK	4.9516G	45.95	74.00	-28.05	5.74	3	Vertical	112	1.25	-	40.21	33.11	6.91	34.28

Radiated Emissions above 1GHz_Mode 1



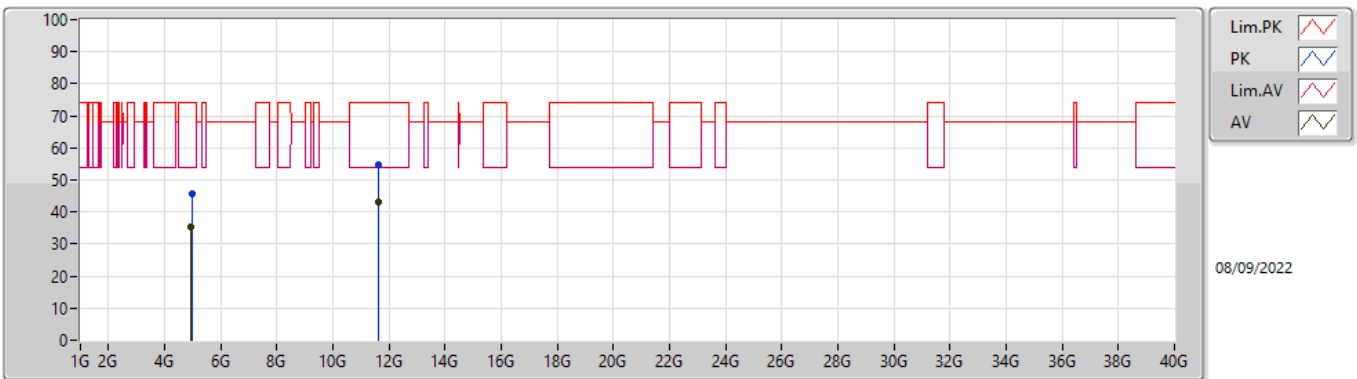
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.874G	47.16	54.00	-6.84	5.36	3	Horizontal	158	1.47	-	41.80	32.75	6.90	34.29
AV	4.95968G	34.67	54.00	-19.33	5.78	3	Horizontal	200	1.14	-	28.89	33.14	6.91	34.27
PK	4.87384G	50.94	74.00	-23.06	5.36	3	Horizontal	158	1.47	-	45.58	32.75	6.90	34.29
PK	4.95756G	46.23	74.00	-27.77	5.76	3	Horizontal	200	1.14	-	40.47	33.13	6.91	34.28

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.96184G	39.44	54.00	-14.56	5.79	3	Vertical	110	1.00	-	33.65	33.15	6.91	34.27
AV	11.65408G	42.94	54.00	-11.06	15.17	3	Vertical	138	1.50	-	27.77	38.85	10.87	34.55
PK	4.95004G	46.70	74.00	-27.30	5.73	3	Vertical	110	1.00	-	40.97	33.10	6.91	34.28
PK	11.65986G	55.56	74.00	-18.44	15.16	3	Vertical	138	1.50	-	40.40	38.84	10.87	34.55

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.95796G	35.56	54.00	-18.44	5.76	3	Horizontal	189	1.29	-	29.80	33.13	6.91	34.28
AV	11.6456G	43.03	54.00	-10.97	15.17	3	Horizontal	164	1.08	-	27.86	38.85	10.86	34.54
PK	4.96544G	45.70	74.00	-28.30	5.80	3	Horizontal	189	1.29	-	39.90	33.16	6.91	34.27
PK	11.64588G	54.69	74.00	-19.31	15.17	3	Horizontal	164	1.08	-	39.52	38.85	10.86	34.54