



FCC Radio Test Report

FCC ID : TVE-2417T212

Equipment : Secured Wireless Access Point

Brand Name : FORTINET

Model Name : FortiAP 221Exxxxxx, FORTIAP-221Exxxxxx, FAP-221E++xxxxxx, FortiAP 223Exxxxxx, FORTIAP-223Exxxxxx, FAP-223E++xxxxxx, (where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)

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

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

Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 30, 2021, and testing was started from May 11, 2021 and completed on Jun. 18, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this 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: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR142904AC	01	Initial issue of report	Aug. 13, 2021

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Michelle Tsai

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

Internal Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Antenna Gain (dBi)		
					2.4GHz	5GHz	BLE
1	Senao	5718A0268300	PIFA	I-Pex	4.24	-	-
2	Senao	5718A0268300	PIFA	I-Pex	4.11	-	-
3	Senao	5718A0268300	PIFA	I-Pex	-	5.05	-
4	Senao	5718A0268300	PIFA	I-Pex	-	5.06	-
5	Senao	5718A0642300	Dipole	I-Pex	-	-	4.33

External Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Antenna Gain (dBi)			Cable Loss
					2.4GHz	5GHz	BLE	
1	YONG-SHUN	7102A0485000	Dipole	Reverse SMA	5	-	-	0.5
2	YONG-SHUN	7102A0485000	Dipole	Reverse SMA	5	-	-	0.5
3	YONG-SHUN	7102A0485000	Dipole	Reverse SMA	-	5	-	0.8
4	YONG-SHUN	7102A0485000	Dipole	Reverse SMA	-	5	-	0.7
5	Senao	5718A0642300	Dipole	I-Pex	-	-	4.33	-

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. 5 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 EUT Information

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

1.1.4 Table for Multiple Listing

Sample No.	Model Name	Description
1	FortiAP 221Exxxxxx FORTIAP-221Exxxxxx FAP-221E++xxxxxx	FAP-221E++ indicates that it comes with internal antennas and FAP-223E++ indicates that the access point comes with external antenna connectors. Series models serve different marketing.
2	FortiAP 223Exxxxxx FORTIAP-223Exxxxxx FAP-223E++xxxxxx	
where “x” can be used as “A-Z”, or “0-9”, or “-”, or blank for software changes or marketing purposes only.		

**1.1.5 Mode Test Duty Cycle****Sample 1**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_2TX	0.962	0.17	2.029m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.982	0.08	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40_Nss1,(MCS0)_2TX	0.965	0.15	2.409m	1k

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

Sample 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_2TX	0.961	0.17	2.029m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.982	0.08	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40_Nss1,(MCS0)_2TX	0.965	0.15	2.409m	1k

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Billy Wang	20.1~21.9°C / 58~61%	21/May/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	17/May/2021~18/Jun/2021
Radiated	03CH02-HY	Tony Chang	20.6~25.9°C / 51~63%	11/May/2021~18/Jun/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	QRCT V5.0.00188
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Sample 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	23
2437MHz	21.5
2462MHz	22
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20.5
2417MHz	23
2437MHz	23
2457MHz	21
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	18
2417MHz	23
2437MHz	23
2457MHz	21
2462MHz	17
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	18.5
2437MHz	20.5
2447MHz	18
2452MHz	19

**Sample 2**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2437MHz	21
2462MHz	21
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15.5
2417MHz	19.5
2437MHz	23
2457MHz	19.5
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	14.5
2417MHz	18.5
2437MHz	23
2457MHz	20.5
2462MHz	16.5
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	17
2437MHz	17
2447MHz	15
2452MHz	15

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode_Sample 1
2	PoE Mode_Sample 1
3	Adapter Mode_Sample 2
4	PoE Mode_Sample 2

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_Sample 1		
2	PoE Mode_Sample 1		
3	Adapter Mode_Sample 2		
4	PoE Mode_Sample 2		
Operating Mode > 1GHz	CTX		
1	PoE Mode_Sample 1		
2	PoE Mode_Sample 2		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

**The Worst Case Mode for Following Conformance Tests**

Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4G+ WLAN 5G+ Bluetooth
Refer to Sporton Test Report No.: FA142904 for Co-location RF Exposure Evaluation.	

2.3 Accessories**Accessories**

BRACKET CEILING MOUNT LOCK	Brand Name	MOST Technique Co., LTD.	Model Name	ABS PA757
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Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment**Support Equipment – AC Conduction**

No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	APD	WA-30J12R	-	-
2	PoE	EnGenius	EPA5006GAT	-	Provided by Customer
3	RJ45 Cable	Power Sync	CAT-6E-10	-	-

Support Equipment – Radiated

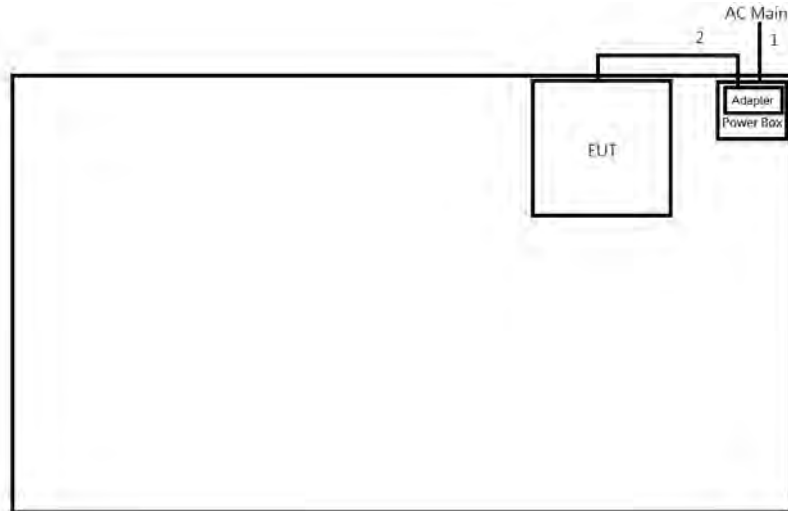
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	APD	WA-30J12R	-	-
2	RJ45 Cable	Power Sync	CAT-6E-10	-	-
3	PoE	EnGenius	EPA5006GAT	-	Provided by Customer/ Remote
4	Notebook	HP	5220m	-	Remote

Support Equipment – Conducted

No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	APD	WA-30J12R	-	-

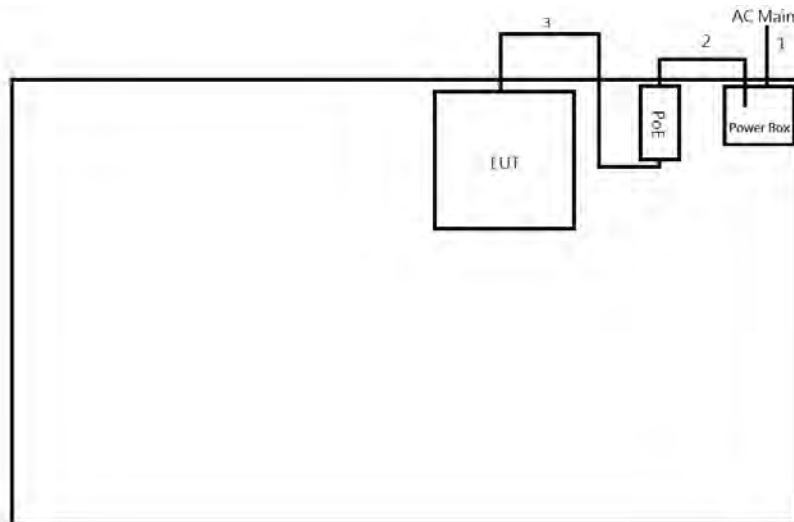
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Adapter Mode)

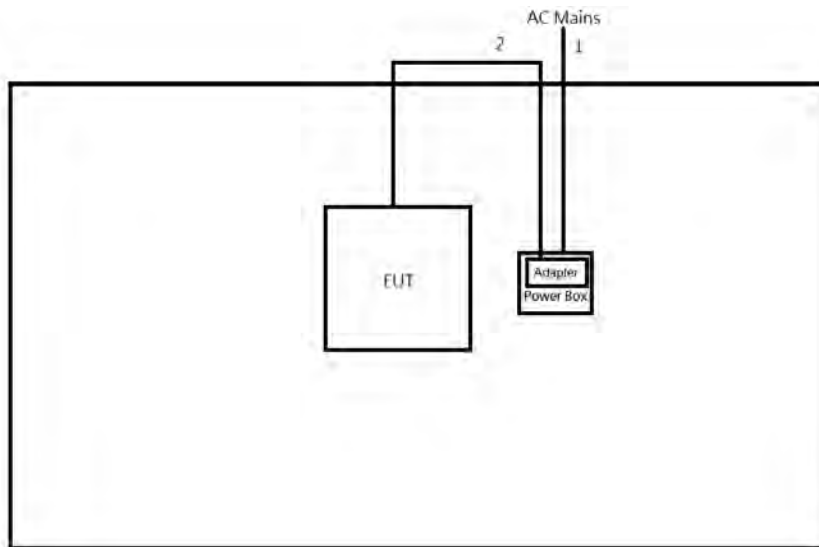


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.2	-
2	DC Power cable	No	1.5	-

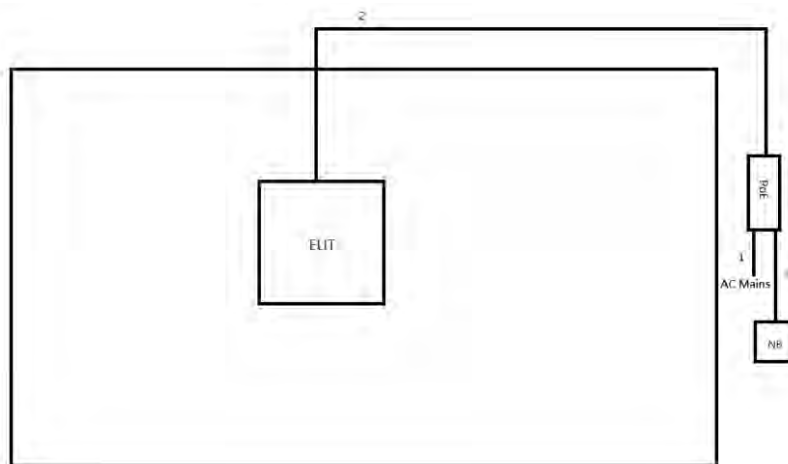
Test Setup Diagram – AC Line Conducted Emission Test (PoE Mode)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.2	-
2	AC Power cable	No	0.5	-
3	RJ45 cable	No	10.0	-

Test Setup Diagram – Radiated Test (Adapter Mode)


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

Test Setup Diagram – Radiated Test (PoE Mode)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	0.5	-
2	RJ45 cable	No	10.0	-
3	RJ45 cable	No	1.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

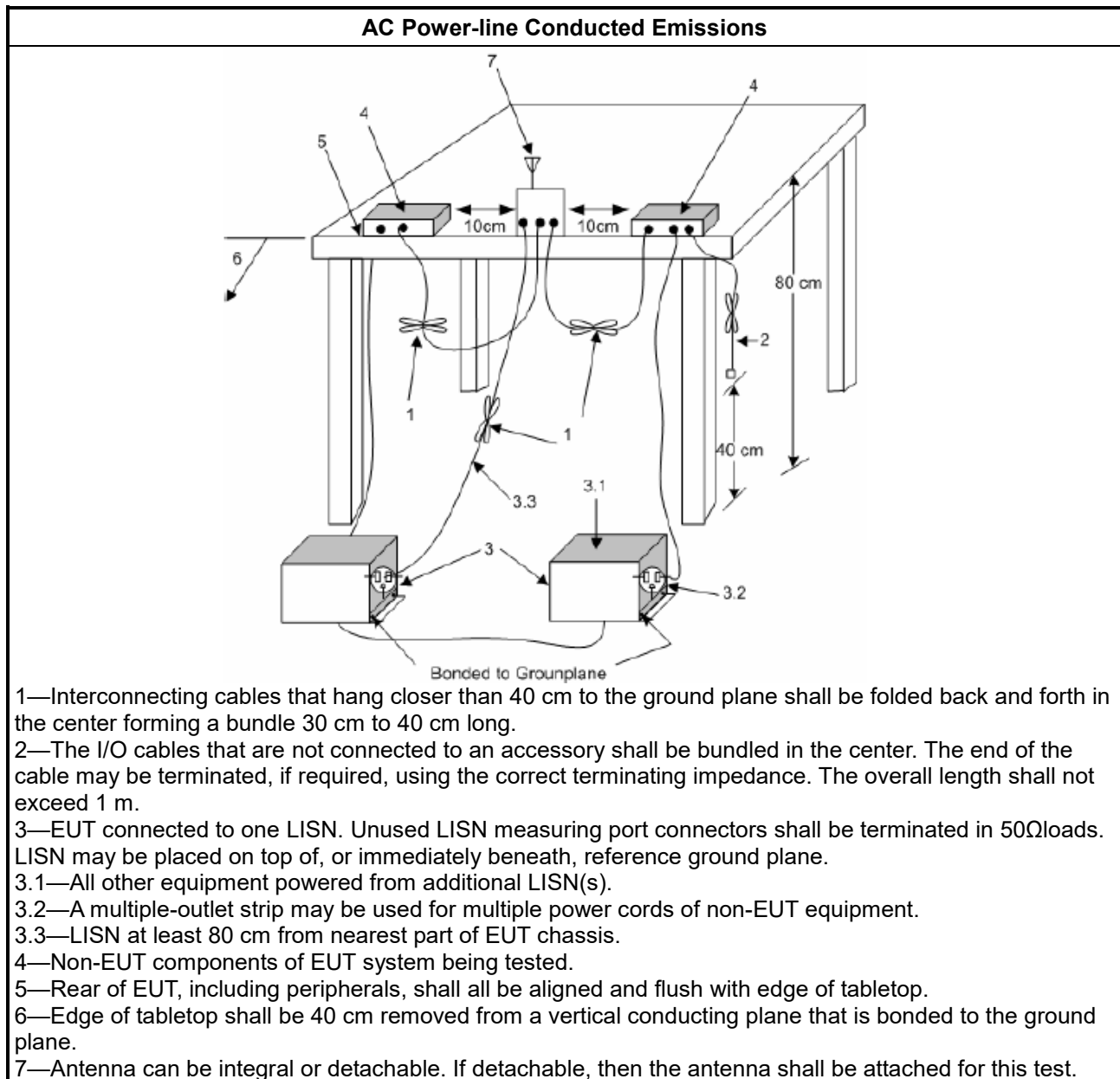
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

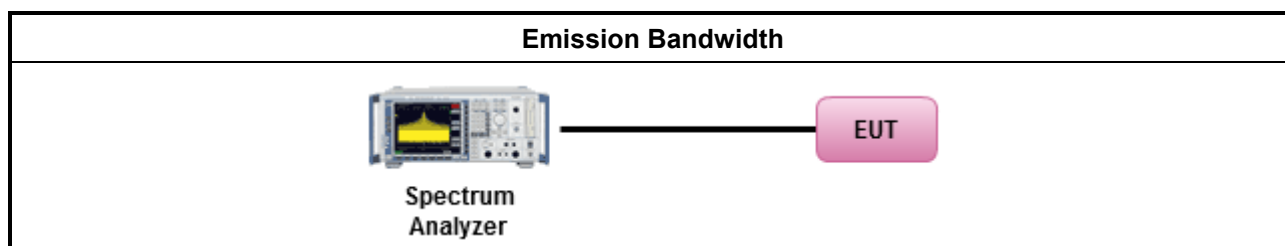
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

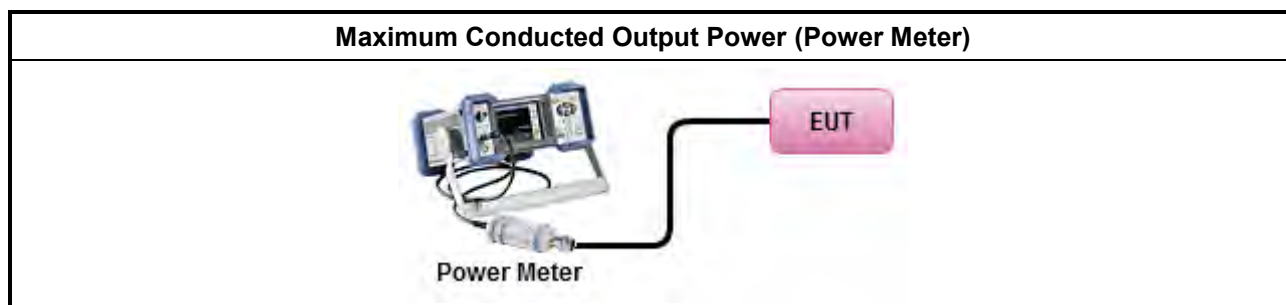
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

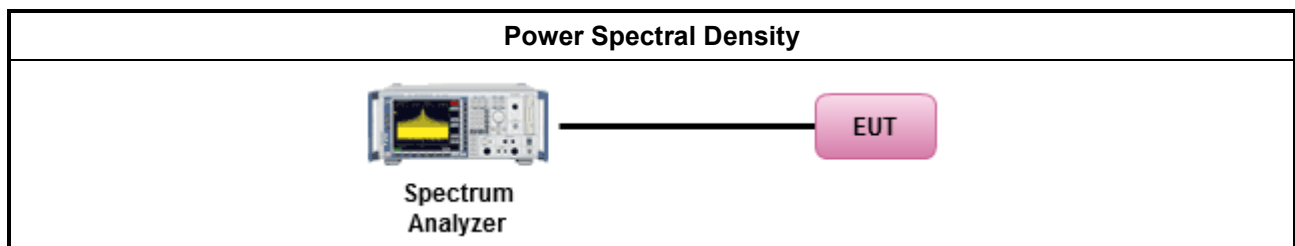
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

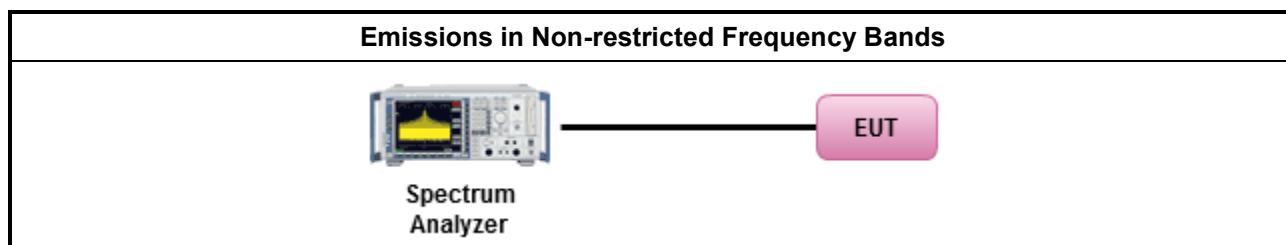
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

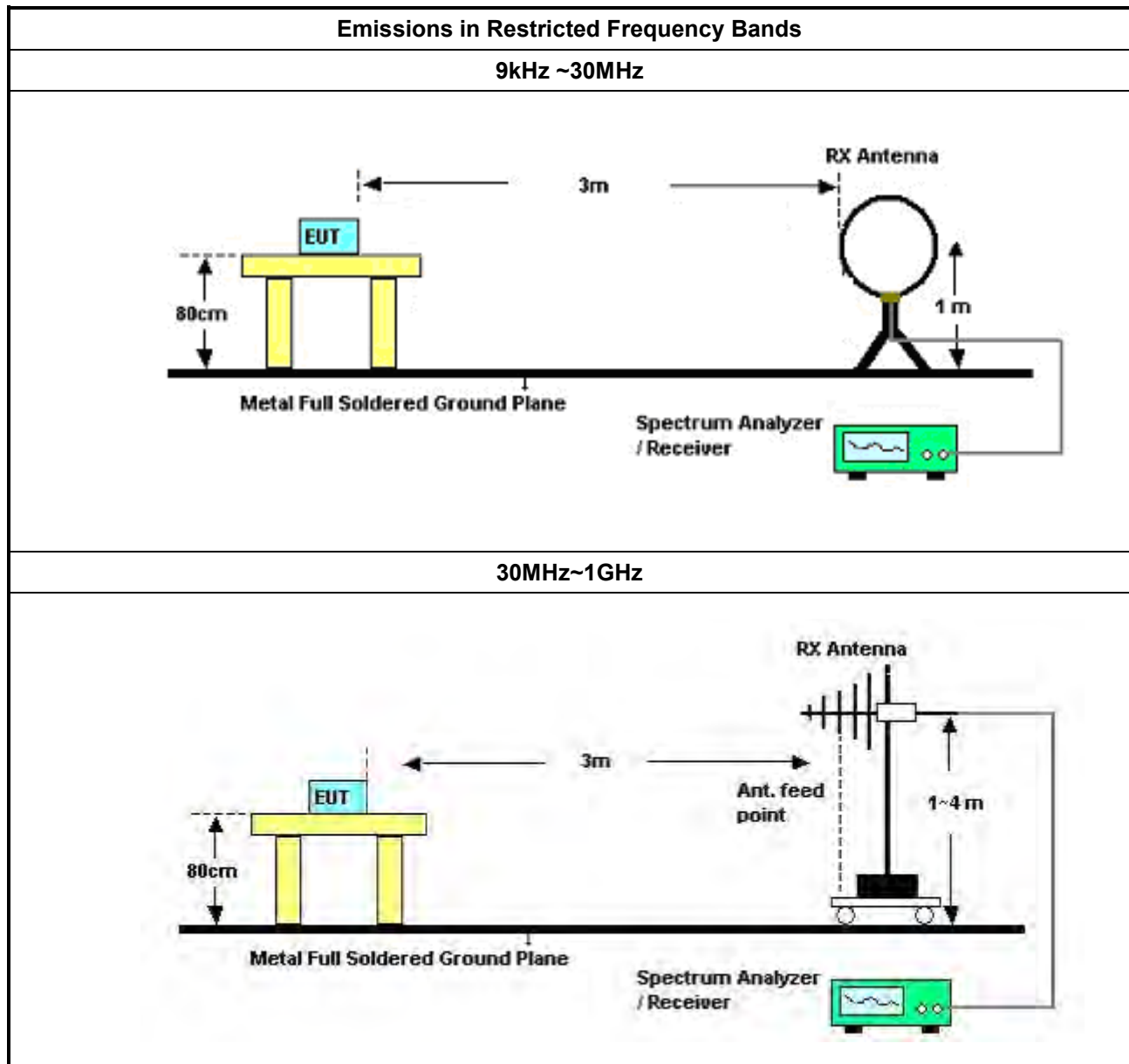
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

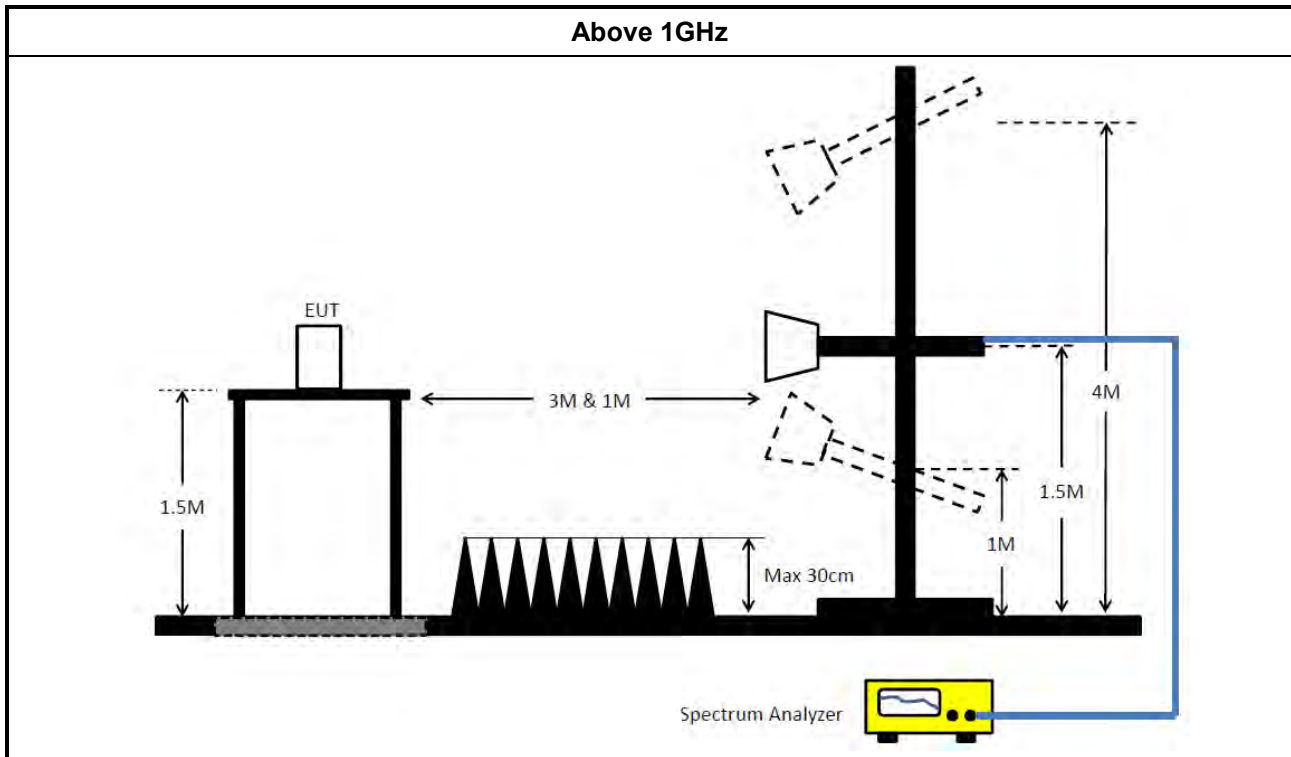
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

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	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2020	01/Aug/2021
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	30/Jun/2020	29/Jun/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~18GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	09/Jun/2020	08/Jun/2021
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192 /4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022



Conducted Emissions at Powerline_Sample 1

Appendix A.1

Summary

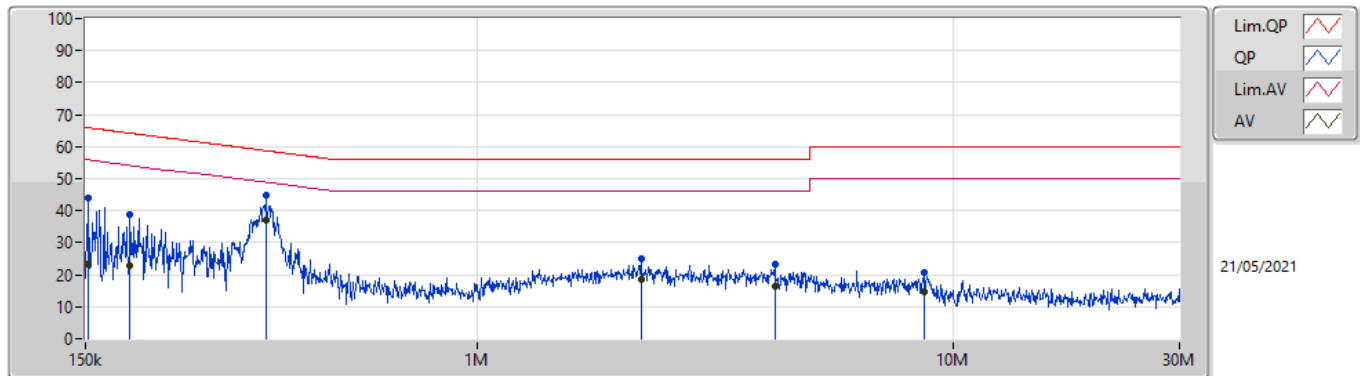
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	359.562k	36.86	48.73	-11.87	Line
Mode 2	Pass	AV	929.818k	30.02	46.00	-15.98	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	43.92	65.87	-21.95	Line	-
Mode 1	Pass	AV	152.414k	23.42	55.87	-32.45	Line	-
Mode 1	Pass	QP	186.085k	38.60	64.20	-25.60	Line	-
Mode 1	Pass	AV	186.085k	22.67	54.20	-31.53	Line	-
Mode 1	Pass	QP	359.562k	44.73	58.73	-14.00	Line	-
Mode 1	Pass	AV	359.562k	36.86	48.73	-11.87	Line	-
Mode 1	Pass	QP	2.211M	25.20	56.00	-30.80	Line	-
Mode 1	Pass	AV	2.211M	18.41	46.00	-27.59	Line	-
Mode 1	Pass	QP	4.222M	23.46	56.00	-32.54	Line	-
Mode 1	Pass	AV	4.222M	16.58	46.00	-29.42	Line	-
Mode 1	Pass	QP	8.695M	20.56	60.00	-39.44	Line	-
Mode 1	Pass	AV	8.695M	14.50	50.00	-35.50	Line	-
Mode 1	Pass	QP	157.361k	43.55	65.60	-22.05	Neutral	-
Mode 1	Pass	AV	157.361k	27.13	55.60	-28.47	Neutral	-
Mode 1	Pass	QP	178.091k	40.25	64.57	-24.32	Neutral	-
Mode 1	Pass	AV	178.091k	24.32	54.57	-30.25	Neutral	-
Mode 1	Pass	QP	353.867k	44.29	58.87	-14.58	Neutral	-
Mode 1	Pass	AV	353.867k	34.94	48.87	-13.93	Neutral	-
Mode 1	Pass	QP	1.1M	27.00	56.00	-29.00	Neutral	-
Mode 1	Pass	AV	1.1M	19.79	46.00	-26.21	Neutral	-
Mode 1	Pass	QP	3.031M	22.79	56.00	-33.21	Neutral	-
Mode 1	Pass	AV	3.031M	16.23	46.00	-29.77	Neutral	-
Mode 1	Pass	QP	21.094M	18.73	60.00	-41.27	Neutral	-
Mode 1	Pass	AV	21.094M	12.76	50.00	-37.24	Neutral	-
Mode 2	Pass	QP	151.807k	44.19	65.90	-21.71	Line	-
Mode 2	Pass	AV	151.807k	27.17	55.90	-28.73	Line	-
Mode 2	Pass	QP	180.957k	39.35	64.43	-25.08	Line	-
Mode 2	Pass	AV	180.957k	22.55	54.43	-31.88	Line	-
Mode 2	Pass	QP	230.851k	31.33	62.42	-31.09	Line	-
Mode 2	Pass	AV	230.851k	18.22	52.42	-34.20	Line	-
Mode 2	Pass	QP	523.291k	24.49	56.00	-31.51	Line	-
Mode 2	Pass	AV	523.291k	19.02	46.00	-26.98	Line	-
Mode 2	Pass	QP	929.818k	34.52	56.00	-21.48	Line	-
Mode 2	Pass	AV	929.818k	30.02	46.00	-15.98	Line	-
Mode 2	Pass	QP	12.554M	28.47	60.00	-31.53	Line	-
Mode 2	Pass	AV	12.554M	23.06	50.00	-26.94	Line	-
Mode 2	Pass	QP	157.99k	43.39	65.56	-22.17	Neutral	-
Mode 2	Pass	AV	157.99k	25.49	55.56	-30.07	Neutral	-
Mode 2	Pass	QP	191.358k	37.03	63.97	-26.94	Neutral	-
Mode 2	Pass	AV	191.358k	20.16	53.97	-33.81	Neutral	-
Mode 2	Pass	QP	218.303k	33.47	62.88	-29.41	Neutral	-
Mode 2	Pass	AV	218.303k	17.36	52.88	-35.52	Neutral	-
Mode 2	Pass	QP	725.952k	26.16	56.00	-29.84	Neutral	-

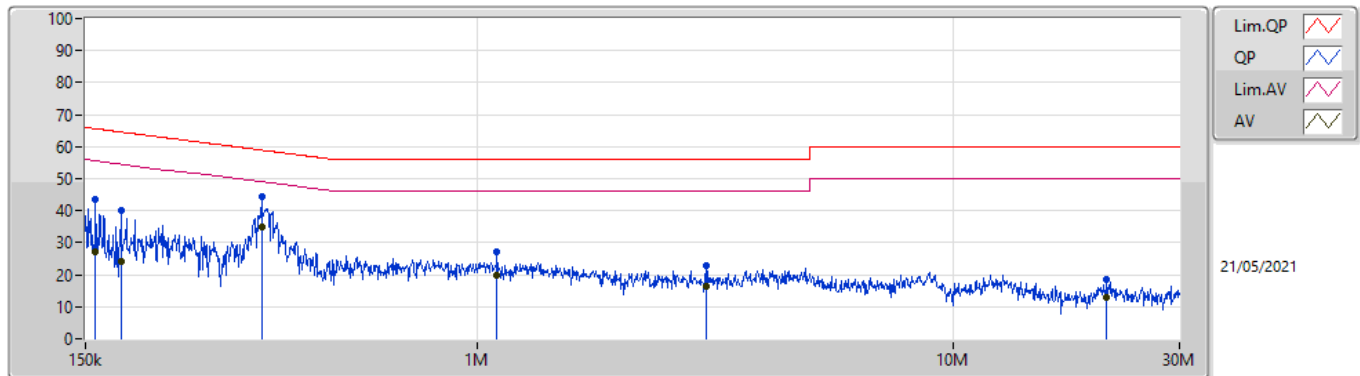
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	AV	725.952k	24.41	46.00	-21.59	Neutral	-
Mode 2	Pass	QP	926.114k	32.87	56.00	-23.13	Neutral	-
Mode 2	Pass	AV	926.114k	28.60	46.00	-17.40	Neutral	-
Mode 2	Pass	QP	12.554M	30.33	60.00	-29.67	Neutral	-
Mode 2	Pass	AV	12.554M	25.01	50.00	-24.99	Neutral	-

Conducted Emissions at Powerline_Mode 1



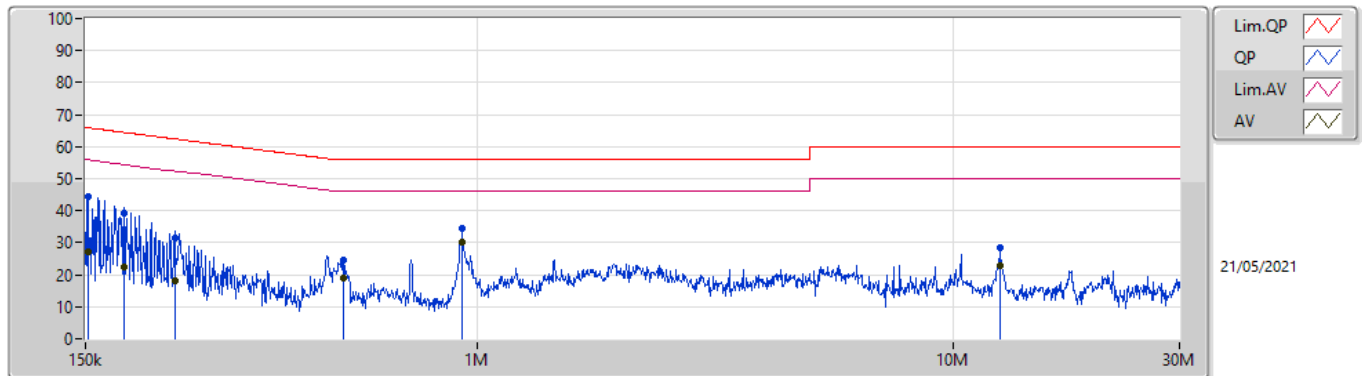
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	43.92	65.87	-21.95	19.63	Line	-	24.29	9.69	0.04	9.90			
AV	152.414k	23.42	55.87	-32.45	19.63	Line	-	3.79	9.69	0.04	9.90			
QP	186.085k	38.60	64.20	-25.60	19.62	Line	-	18.98	9.68	0.04	9.90			
AV	186.085k	22.67	54.20	-31.53	19.62	Line	-	3.05	9.68	0.04	9.90			
QP	359.562k	44.73	58.73	-14.00	19.63	Line	-	25.10	9.67	0.06	9.90			
AV	359.562k	36.86	48.73	-11.87	19.63	Line	-	17.23	9.67	0.06	9.90			
QP	2.211M	25.20	56.00	-30.80	19.60	Line	-	5.60	9.68	0.11	9.81			
AV	2.211M	18.41	46.00	-27.59	19.60	Line	-	-1.19	9.68	0.11	9.81			
QP	4.222M	23.46	56.00	-32.54	19.73	Line	-	3.73	9.69	0.14	9.90			
AV	4.222M	16.58	46.00	-29.42	19.73	Line	-	-3.15	9.69	0.14	9.90			
QP	8.695M	20.56	60.00	-39.44	19.81	Line	-	0.75	9.72	0.19	9.90			
AV	8.695M	14.50	50.00	-35.50	19.81	Line	-	-5.31	9.72	0.19	9.90			

Conducted Emissions at Powerline_Mode 1



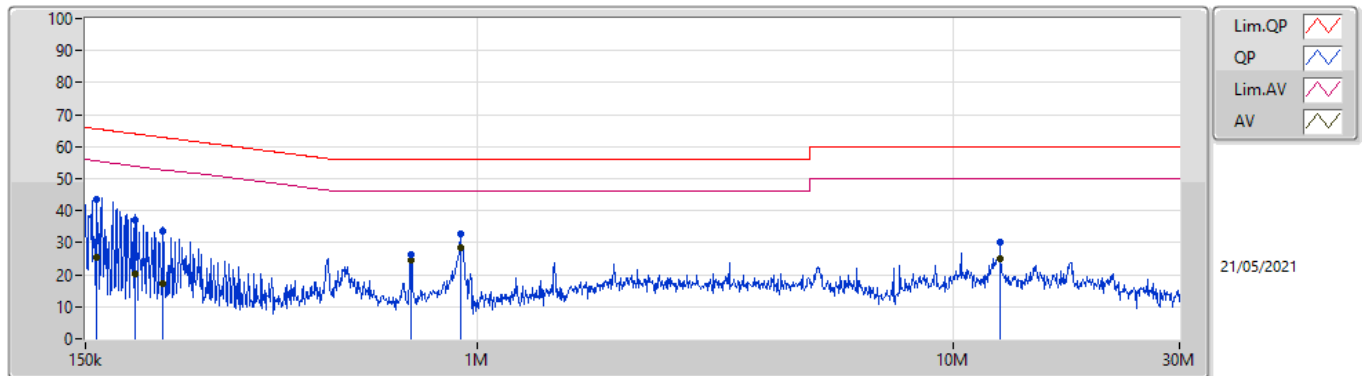
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.361k	43.55	65.60	-22.05	19.63	Neutral	-	23.92	9.69	0.04	9.90			
AV	157.361k	27.13	55.60	-28.47	19.63	Neutral	-	7.50	9.69	0.04	9.90			
QP	178.091k	40.25	64.57	-24.32	19.62	Neutral	-	20.63	9.68	0.04	9.90			
AV	178.091k	24.32	54.57	-30.25	19.62	Neutral	-	4.70	9.68	0.04	9.90			
QP	353.867k	44.29	58.87	-14.58	19.63	Neutral	-	24.66	9.67	0.06	9.90			
AV	353.867k	34.94	48.87	-13.93	19.63	Neutral	-	15.31	9.67	0.06	9.90			
QP	1.1M	27.00	56.00	-29.00	19.55	Neutral	-	7.45	9.67	0.08	9.80			
AV	1.1M	19.79	46.00	-26.21	19.55	Neutral	-	0.24	9.67	0.08	9.80			
QP	3.031M	22.79	56.00	-33.21	19.67	Neutral	-	3.12	9.69	0.12	9.86			
AV	3.031M	16.23	46.00	-29.77	19.67	Neutral	-	-3.44	9.69	0.12	9.86			
QP	21.094M	18.73	60.00	-41.27	19.94	Neutral	-	-1.21	9.74	0.30	9.90			
AV	21.094M	12.76	50.00	-37.24	19.94	Neutral	-	-7.18	9.74	0.30	9.90			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.807k	44.19	65.90	-21.71	19.63	Line	-	24.56	9.69	0.04	9.90			
AV	151.807k	27.17	55.90	-28.73	19.63	Line	-	7.54	9.69	0.04	9.90			
QP	180.957k	39.35	64.43	-25.08	19.62	Line	-	19.73	9.68	0.04	9.90			
AV	180.957k	22.55	54.43	-31.88	19.62	Line	-	2.93	9.68	0.04	9.90			
QP	230.851k	31.33	62.42	-31.09	19.62	Line	-	11.71	9.68	0.04	9.90			
AV	230.851k	18.22	52.42	-34.20	19.62	Line	-	-1.40	9.68	0.04	9.90			
QP	523.291k	24.49	56.00	-31.51	19.61	Line	-	4.88	9.67	0.07	9.87			
AV	523.291k	19.02	46.00	-26.98	19.61	Line	-	-0.59	9.67	0.07	9.87			
QP	929.818k	34.52	56.00	-21.48	19.56	Line	-	14.96	9.67	0.08	9.81			
AV	929.818k	30.02	46.00	-15.98	19.56	Line	-	10.46	9.67	0.08	9.81			
QP	12.554M	28.47	60.00	-31.53	19.83	Line	-	8.64	9.70	0.23	9.90			
AV	12.554M	23.06	50.00	-26.94	19.83	Line	-	3.23	9.70	0.23	9.90			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.99k	43.39	65.56	-22.17	19.63	Neutral	-	23.76	9.69	0.04	9.90			
AV	157.99k	25.49	55.56	-30.07	19.63	Neutral	-	5.86	9.69	0.04	9.90			
QP	191.358k	37.03	63.97	-26.94	19.62	Neutral	-	17.41	9.68	0.04	9.90			
AV	191.358k	20.16	53.97	-33.81	19.62	Neutral	-	0.54	9.68	0.04	9.90			
QP	218.303k	33.47	62.88	-29.41	19.62	Neutral	-	13.85	9.68	0.04	9.90			
AV	218.303k	17.36	52.88	-35.52	19.62	Neutral	-	-2.26	9.68	0.04	9.90			
QP	725.952k	26.16	56.00	-29.84	19.57	Neutral	-	6.59	9.67	0.07	9.83			
AV	725.952k	24.41	46.00	-21.59	19.57	Neutral	-	4.84	9.67	0.07	9.83			
QP	926.114k	32.87	56.00	-23.13	19.56	Neutral	-	13.31	9.67	0.08	9.81			
AV	926.114k	28.60	46.00	-17.40	19.56	Neutral	-	9.04	9.67	0.08	9.81			
QP	12.554M	30.33	60.00	-29.67	19.87	Neutral	-	10.46	9.74	0.23	9.90			
AV	12.554M	25.01	50.00	-24.99	19.87	Neutral	-	5.14	9.74	0.23	9.90			



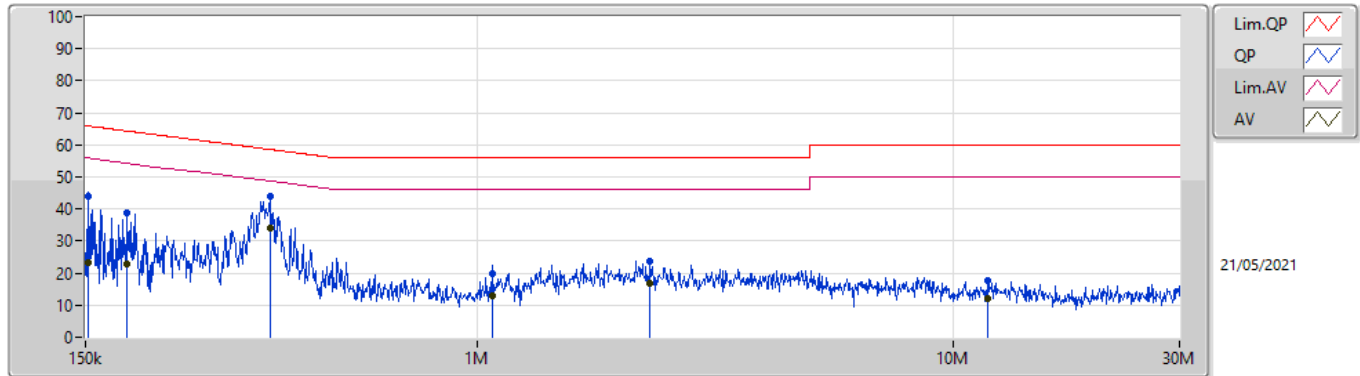
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	362.445k	35.34	48.68	-13.34	Neutral
Mode 4	Pass	AV	959.992k	29.88	46.00	-16.12	Line

Mode config

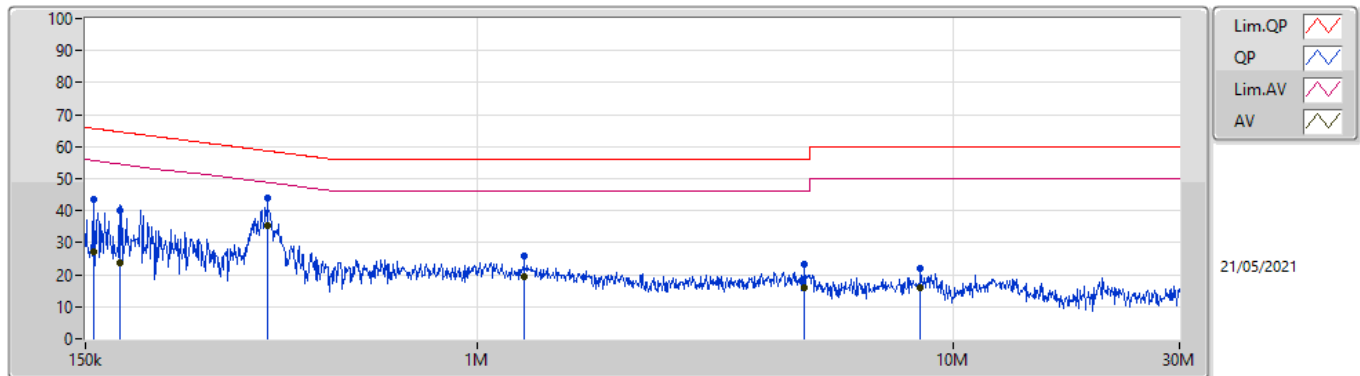
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	152.414k	44.04	65.87	-21.83	Line	-
Mode 3	Pass	AV	152.414k	23.45	55.87	-32.42	Line	-
Mode 3	Pass	QP	183.87k	38.73	64.30	-25.57	Line	-
Mode 3	Pass	AV	183.87k	22.71	54.30	-31.59	Line	-
Mode 3	Pass	QP	368.279k	43.79	58.54	-14.75	Line	-
Mode 3	Pass	AV	368.279k	33.97	48.54	-14.57	Line	-
Mode 3	Pass	QP	1.074M	19.63	56.00	-36.37	Line	-
Mode 3	Pass	AV	1.074M	12.99	46.00	-33.01	Line	-
Mode 3	Pass	QP	2.31M	23.65	56.00	-32.35	Line	-
Mode 3	Pass	AV	2.31M	16.69	46.00	-29.31	Line	-
Mode 3	Pass	QP	11.872M	17.64	60.00	-42.36	Line	-
Mode 3	Pass	AV	11.872M	11.97	50.00	-38.03	Line	-
Mode 3	Pass	QP	156.109k	43.70	65.67	-21.97	Neutral	-
Mode 3	Pass	AV	156.109k	26.99	55.67	-28.68	Neutral	-
Mode 3	Pass	QP	177.381k	40.21	64.60	-24.39	Neutral	-
Mode 3	Pass	AV	177.381k	23.80	54.60	-30.80	Neutral	-
Mode 3	Pass	QP	362.445k	43.76	58.68	-14.92	Neutral	-
Mode 3	Pass	AV	362.445k	35.34	48.68	-13.34	Neutral	-
Mode 3	Pass	QP	1.259M	26.07	56.00	-29.93	Neutral	-
Mode 3	Pass	AV	1.259M	19.37	46.00	-26.63	Neutral	-
Mode 3	Pass	QP	4.874M	23.09	56.00	-32.91	Neutral	-
Mode 3	Pass	AV	4.874M	16.09	46.00	-29.91	Neutral	-
Mode 3	Pass	QP	8.557M	22.10	60.00	-37.90	Neutral	-
Mode 3	Pass	AV	8.557M	15.90	50.00	-34.10	Neutral	-
Mode 4	Pass	QP	158.622k	44.51	65.54	-21.03	Line	-
Mode 4	Pass	AV	158.622k	26.94	55.54	-28.60	Line	-
Mode 4	Pass	QP	219.176k	34.53	62.85	-28.32	Line	-
Mode 4	Pass	AV	219.176k	18.63	52.85	-34.22	Line	-
Mode 4	Pass	QP	219.176k	33.90	62.85	-28.95	Line	-
Mode 4	Pass	AV	219.176k	18.10	52.85	-34.75	Line	-
Mode 4	Pass	QP	275.179k	26.56	60.95	-34.39	Line	-
Mode 4	Pass	AV	275.179k	15.72	50.95	-35.23	Line	-
Mode 4	Pass	QP	770.75k	27.06	56.00	-28.94	Line	-
Mode 4	Pass	AV	770.75k	25.78	46.00	-20.22	Line	-
Mode 4	Pass	QP	959.992k	35.25	56.00	-20.75	Line	-
Mode 4	Pass	AV	959.992k	29.88	46.00	-16.12	Line	-
Mode 4	Pass	QP	16.936M	34.07	60.00	-25.93	Line	-
Mode 4	Pass	AV	16.936M	31.99	50.00	-18.01	Line	-
Mode 4	Pass	QP	157.361k	43.91	65.60	-21.69	Neutral	-
Mode 4	Pass	AV	157.361k	25.93	55.60	-29.67	Neutral	-
Mode 4	Pass	QP	197.568k	37.65	63.71	-26.06	Neutral	-
Mode 4	Pass	AV	197.568k	20.45	53.71	-33.26	Neutral	-
Mode 4	Pass	QP	277.385k	26.43	60.89	-34.46	Neutral	-
Mode 4	Pass	AV	277.385k	14.19	50.89	-36.70	Neutral	-
Mode 4	Pass	QP	770.75k	27.51	56.00	-28.49	Neutral	-
Mode 4	Pass	AV	770.75k	25.83	46.00	-20.17	Neutral	-
Mode 4	Pass	QP	956.168k	33.40	56.00	-22.60	Neutral	-
Mode 4	Pass	AV	956.168k	28.62	46.00	-17.38	Neutral	-
Mode 4	Pass	QP	16.936M	35.36	60.00	-24.64	Neutral	-
Mode 4	Pass	AV	16.936M	33.36	50.00	-16.64	Neutral	-

Conducted Emissions at Powerline_Mode 3



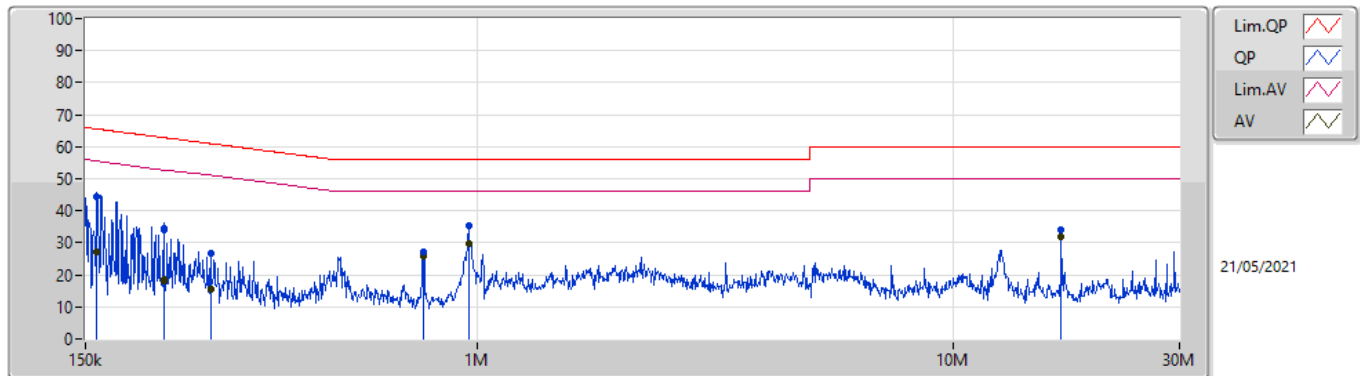
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	44.04	65.87	-21.83	19.63	Line	-	24.41	9.69	0.04	9.90			
AV	152.414k	23.45	55.87	-32.42	19.63	Line	-	3.82	9.69	0.04	9.90			
QP	183.87k	38.73	64.30	-25.57	19.62	Line	-	19.11	9.68	0.04	9.90			
AV	183.87k	22.71	54.30	-31.59	19.62	Line	-	3.09	9.68	0.04	9.90			
QP	368.279k	43.79	58.54	-14.75	19.63	Line	-	24.16	9.67	0.06	9.90			
AV	368.279k	33.97	48.54	-14.57	19.63	Line	-	14.34	9.67	0.06	9.90			
QP	1.074M	19.63	56.00	-36.37	19.55	Line	-	0.08	9.67	0.08	9.80			
AV	1.074M	12.99	46.00	-33.01	19.55	Line	-	-6.56	9.67	0.08	9.80			
QP	2.31M	23.65	56.00	-32.35	19.61	Line	-	4.04	9.68	0.11	9.82			
AV	2.31M	16.69	46.00	-29.31	19.61	Line	-	-2.92	9.68	0.11	9.82			
QP	11.872M	17.64	60.00	-42.36	19.83	Line	-	-2.19	9.71	0.22	9.90			
AV	11.872M	11.97	50.00	-38.03	19.83	Line	-	-7.86	9.71	0.22	9.90			

Conducted Emissions at Powerline_Mode3



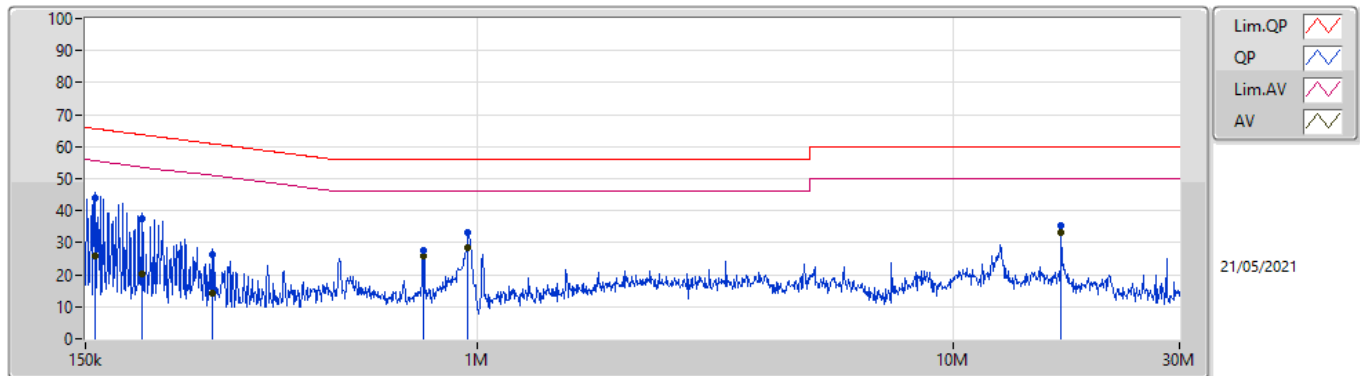
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.109k	43.70	65.67	-21.97	19.63	Neutral	-	24.07	9.69	0.04	9.90			
AV	156.109k	26.99	55.67	-28.68	19.63	Neutral	-	7.36	9.69	0.04	9.90			
QP	177.381k	40.21	64.60	-24.39	19.62	Neutral	-	20.59	9.68	0.04	9.90			
AV	177.381k	23.80	54.60	-30.80	19.62	Neutral	-	4.18	9.68	0.04	9.90			
QP	362.445k	43.76	58.68	-14.92	19.63	Neutral	-	24.13	9.67	0.06	9.90			
AV	362.445k	35.34	48.68	-13.34	19.63	Neutral	-	15.71	9.67	0.06	9.90			
QP	1.259M	26.07	56.00	-29.93	19.56	Neutral	-	6.51	9.67	0.09	9.80			
AV	1.259M	19.37	46.00	-26.63	19.56	Neutral	-	-0.19	9.67	0.09	9.80			
QP	4.874M	23.09	56.00	-32.91	19.75	Neutral	-	3.34	9.70	0.15	9.90			
AV	4.874M	16.09	46.00	-29.91	19.75	Neutral	-	-3.66	9.70	0.15	9.90			
QP	8.557M	22.10	60.00	-37.90	19.81	Neutral	-	2.29	9.72	0.19	9.90			
AV	8.557M	15.90	50.00	-34.10	19.81	Neutral	-	-3.91	9.72	0.19	9.90			

Conducted Emissions at Powerline_Mode 4



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	158.622k	44.51	65.54	-21.03	19.63	Line	-	24.88	9.69	0.04	9.90			
AV	158.622k	26.94	55.54	-28.60	19.63	Line	-	7.31	9.69	0.04	9.90			
QP	219.176k	34.53	62.85	-28.32	19.62	Line	-	14.91	9.68	0.04	9.90			
AV	219.176k	18.63	52.85	-34.22	19.62	Line	-	-0.99	9.68	0.04	9.90			
QP	219.176k	33.90	62.85	-28.95	19.62	Line	-	14.28	9.68	0.04	9.90			
AV	219.176k	18.10	52.85	-34.75	19.62	Line	-	-1.52	9.68	0.04	9.90			
QP	275.179k	26.56	60.95	-34.39	19.63	Line	-	6.93	9.68	0.05	9.90			
AV	275.179k	15.72	50.95	-35.23	19.63	Line	-	-3.91	9.68	0.05	9.90			
QP	770.75k	27.06	56.00	-28.94	19.57	Line	-	7.49	9.67	0.07	9.83			
AV	770.75k	25.78	46.00	-20.22	19.57	Line	-	6.21	9.67	0.07	9.83			
QP	959.992k	35.25	56.00	-20.75	19.55	Line	-	15.70	9.67	0.08	9.80			
AV	959.992k	29.88	46.00	-16.12	19.55	Line	-	10.33	9.67	0.08	9.80			
QP	16.936M	34.07	60.00	-25.93	19.85	Line	-	14.22	9.68	0.27	9.90			
AV	16.936M	31.99	50.00	-18.01	19.85	Line	-	12.14	9.68	0.27	9.90			

Conducted Emissions at Powerline_Mode 4



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.361k	43.91	65.60	-21.69	19.63	Neutral	-	24.28	9.69	0.04	9.90			
AV	157.361k	25.93	55.60	-29.67	19.63	Neutral	-	6.30	9.69	0.04	9.90			
QP	197.568k	37.65	63.71	-26.06	19.62	Neutral	-	18.03	9.68	0.04	9.90			
AV	197.568k	20.45	53.71	-33.26	19.62	Neutral	-	0.83	9.68	0.04	9.90			
QP	277.385k	26.43	60.89	-34.46	19.63	Neutral	-	6.80	9.68	0.05	9.90			
AV	277.385k	14.19	50.89	-36.70	19.63	Neutral	-	-5.44	9.68	0.05	9.90			
QP	770.75k	27.51	56.00	-28.49	19.57	Neutral	-	7.94	9.67	0.07	9.83			
AV	770.75k	25.83	46.00	-20.17	19.57	Neutral	-	6.26	9.67	0.07	9.83			
QP	956.168k	33.40	56.00	-22.60	19.55	Neutral	-	13.85	9.67	0.08	9.80			
AV	956.168k	28.62	46.00	-17.38	19.55	Neutral	-	9.07	9.67	0.08	9.80			
QP	16.936M	35.36	60.00	-24.64	19.92	Neutral	-	15.44	9.75	0.27	9.90			
AV	16.936M	33.36	50.00	-16.64	19.92	Neutral	-	13.44	9.75	0.27	9.90			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.55M	14.343M	14M3G1D	7.05M	12.694M
802.11g_Nss1,(6Mbps)_2TX	16.35M	18.266M	18M3D1D	15.625M	16.417M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	18.516M	18M5D1D	14.975M	17.591M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	36.382M	36M4D1D	33.75M	36.082M

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	8.55M	14.343M	8.525M	14.018M
2437MHz	Pass	500k	7.05M	12.694M	8.025M	13.168M
2462MHz	Pass	500k	8.5M	13.768M	8.525M	13.118M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.7M	16.592M	16.3M	16.617M
2437MHz	Pass	500k	15.625M	18.266M	16.35M	17.541M
2462MHz	Pass	500k	15.7M	16.417M	16.325M	16.492M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.975M	17.641M	17.55M	17.716M
2437MHz	Pass	500k	17.525M	18.341M	17.575M	18.516M
2462MHz	Pass	500k	16.075M	17.591M	17.575M	17.691M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.75M	36.132M	35.05M	36.082M
2437MHz	Pass	500k	34.6M	36.382M	35.05M	36.232M
2452MHz	Pass	500k	35.05M	36.232M	34.1M	36.082M

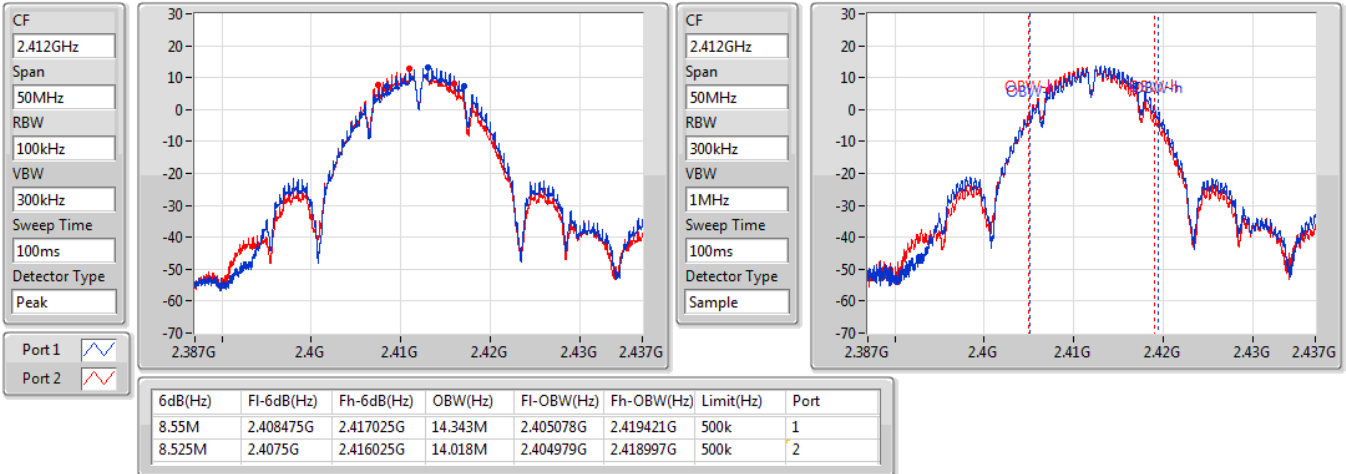
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

17/05/2021

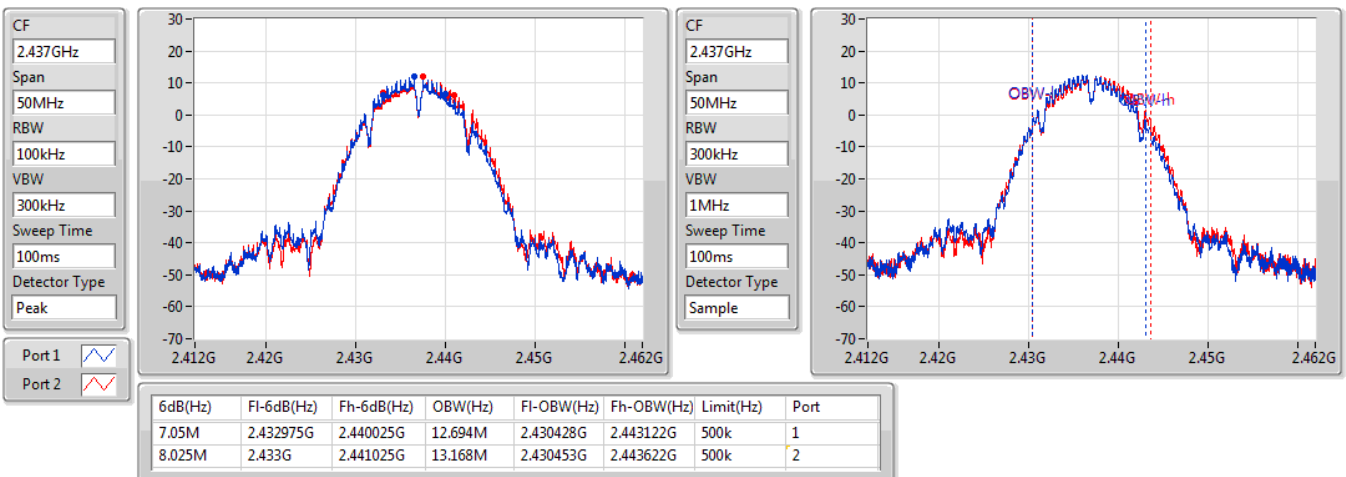


802.11b_Nss1,(1Mbps)_2TX

EBW

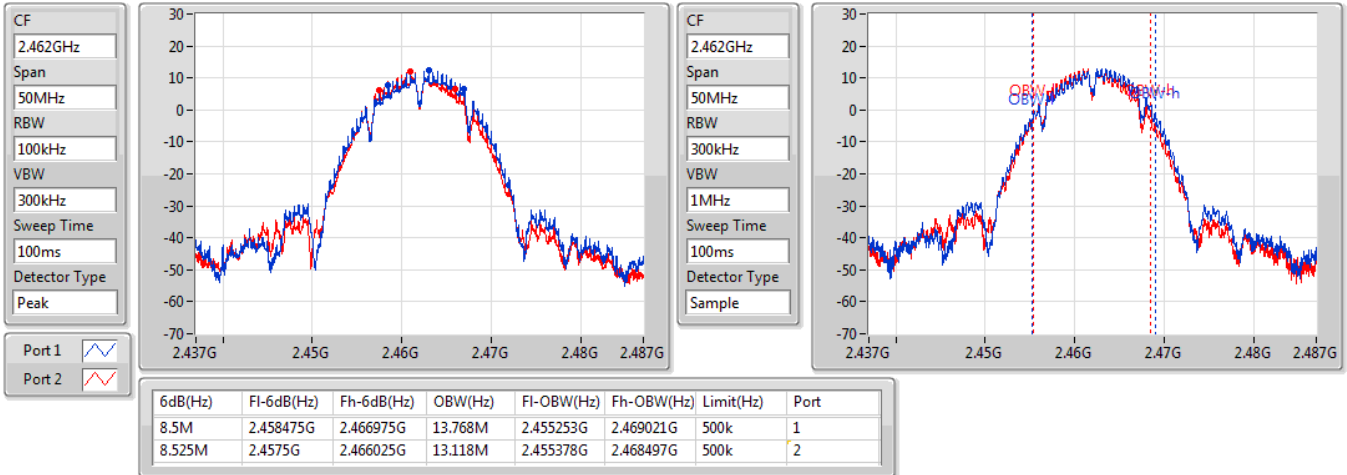
2437MHz

17/05/2021

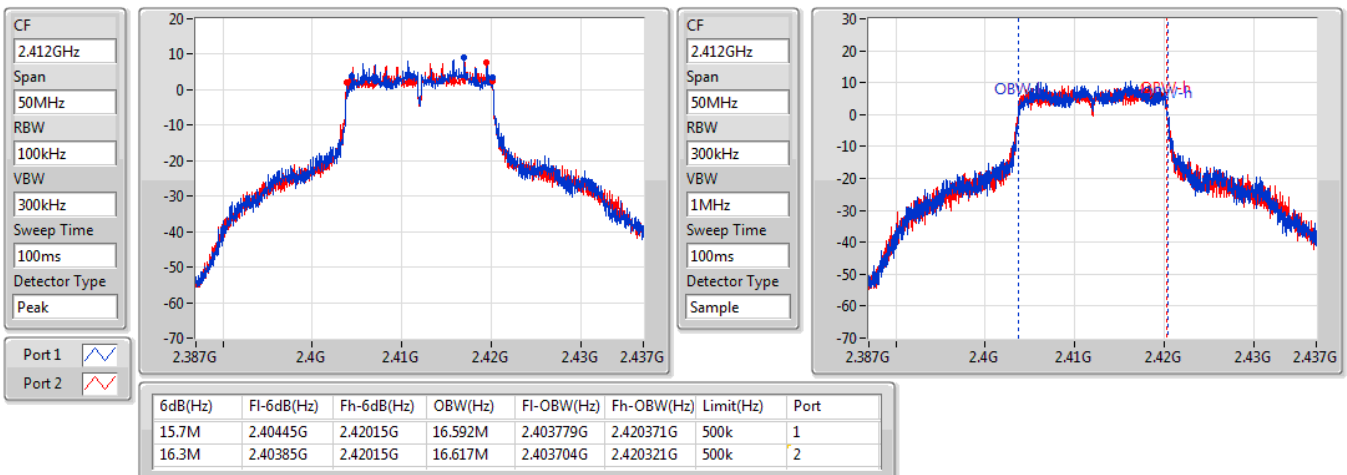


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

17/05/2021

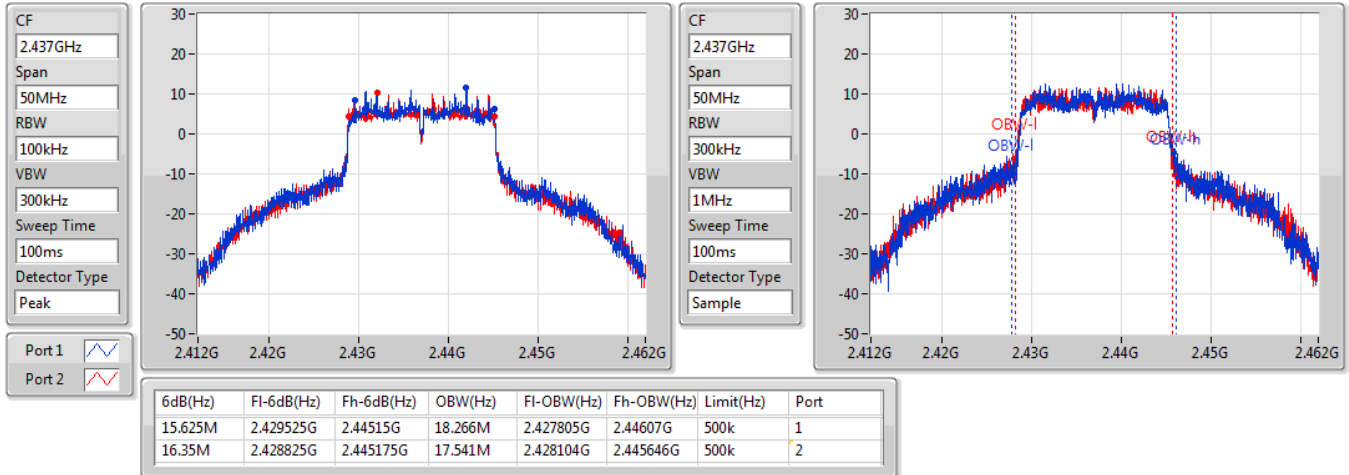

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

17/05/2021

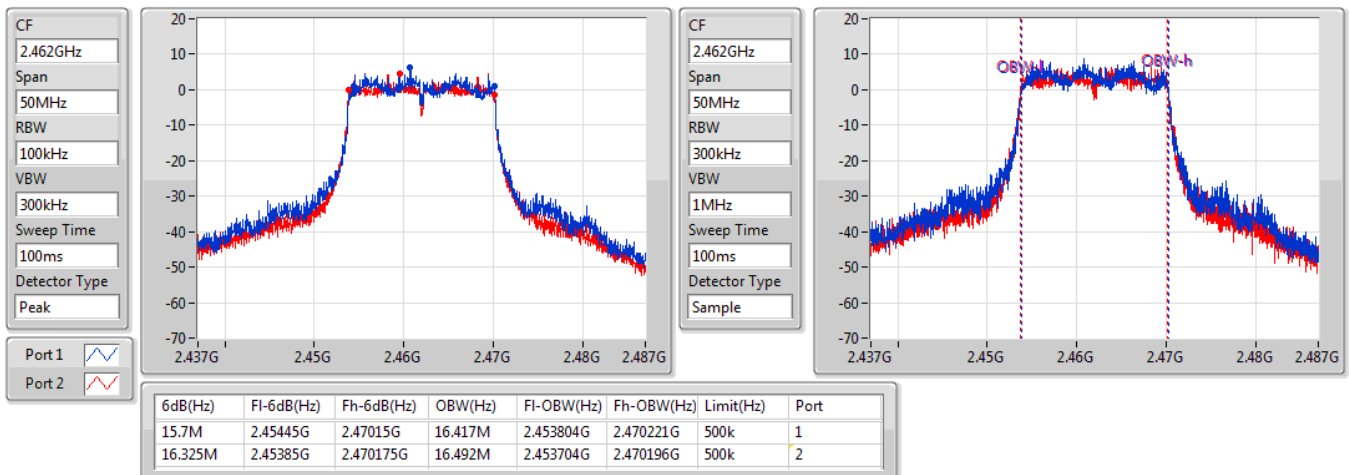


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

17/05/2021


802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

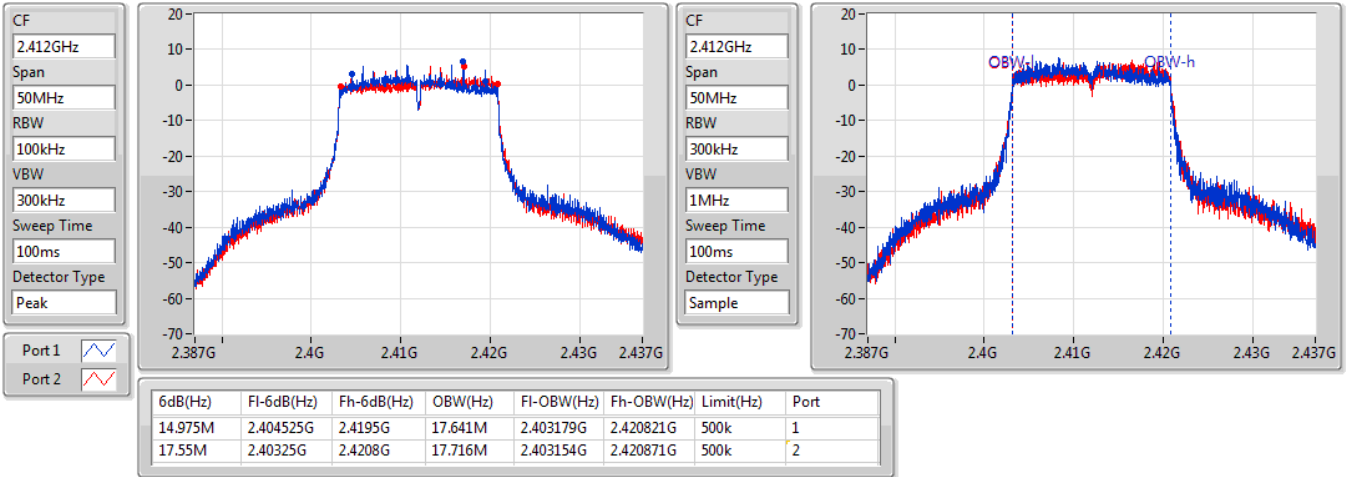
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802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

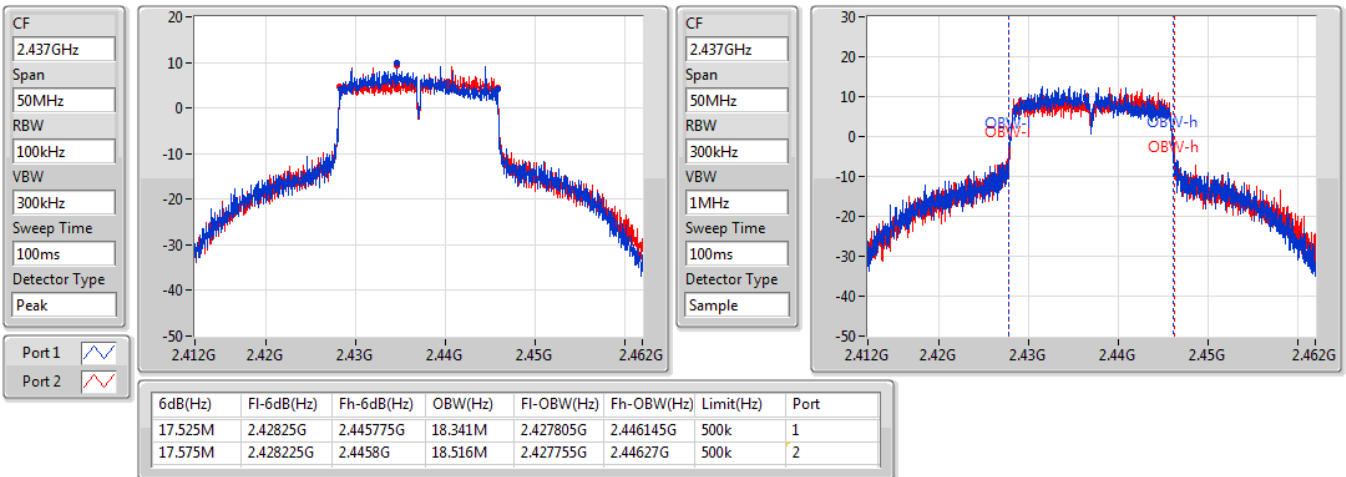
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802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

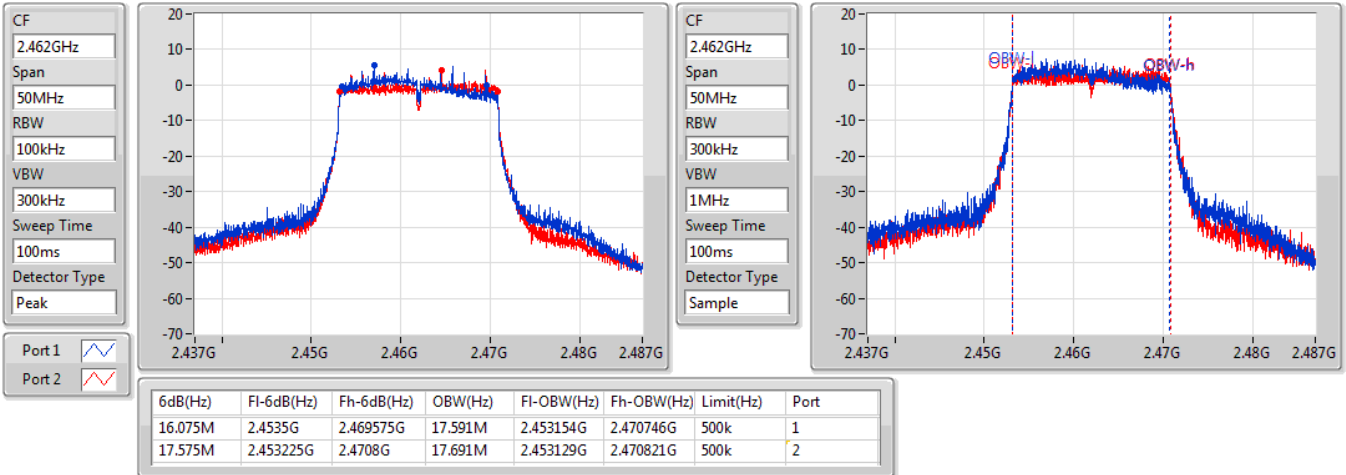
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802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

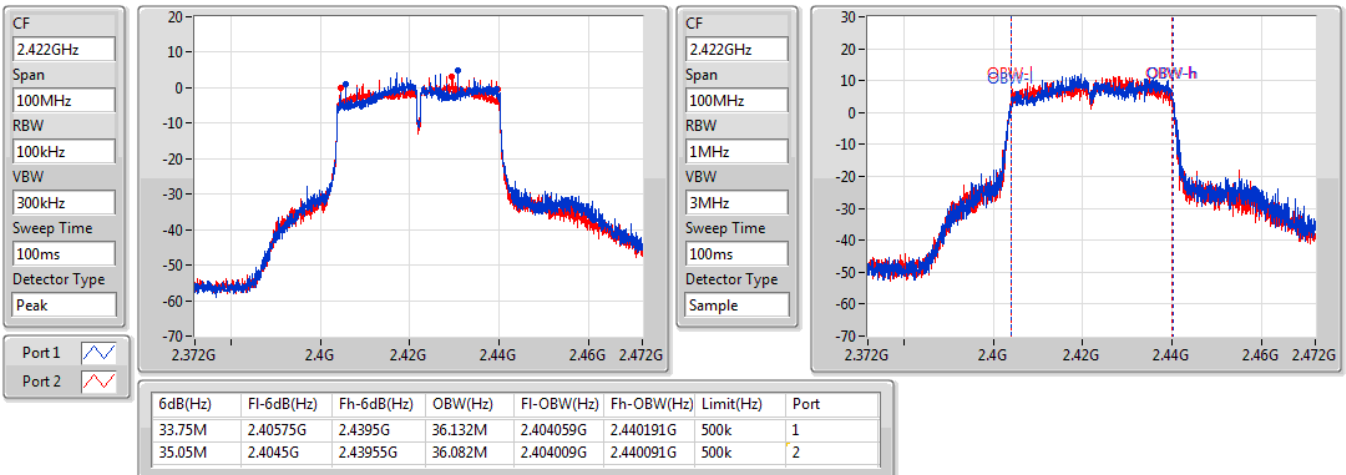
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802.11n HT40_Nss1,(MCS0)_2TX

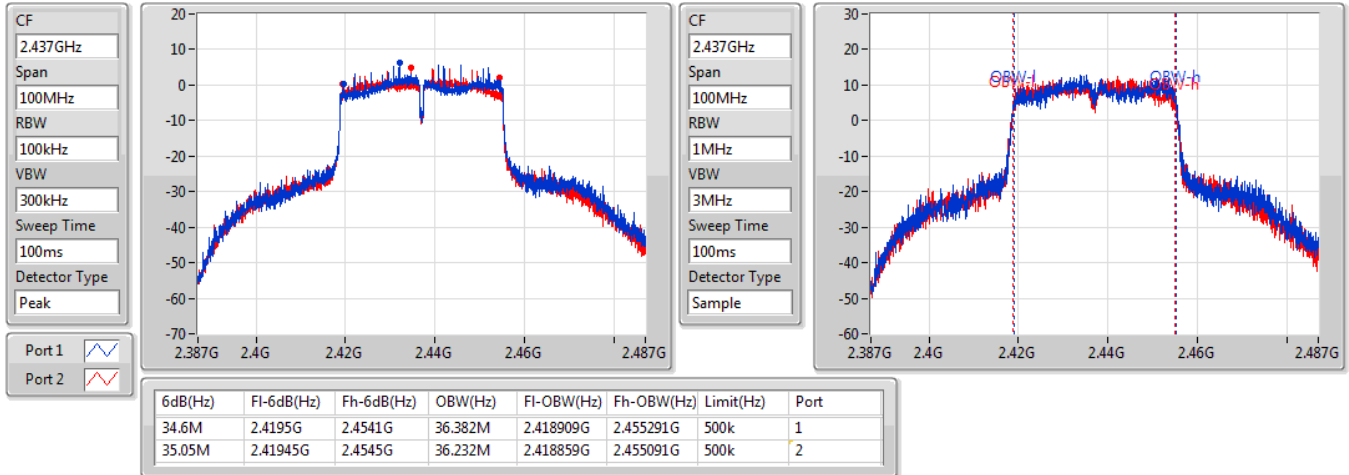
2422MHz

17/05/2021

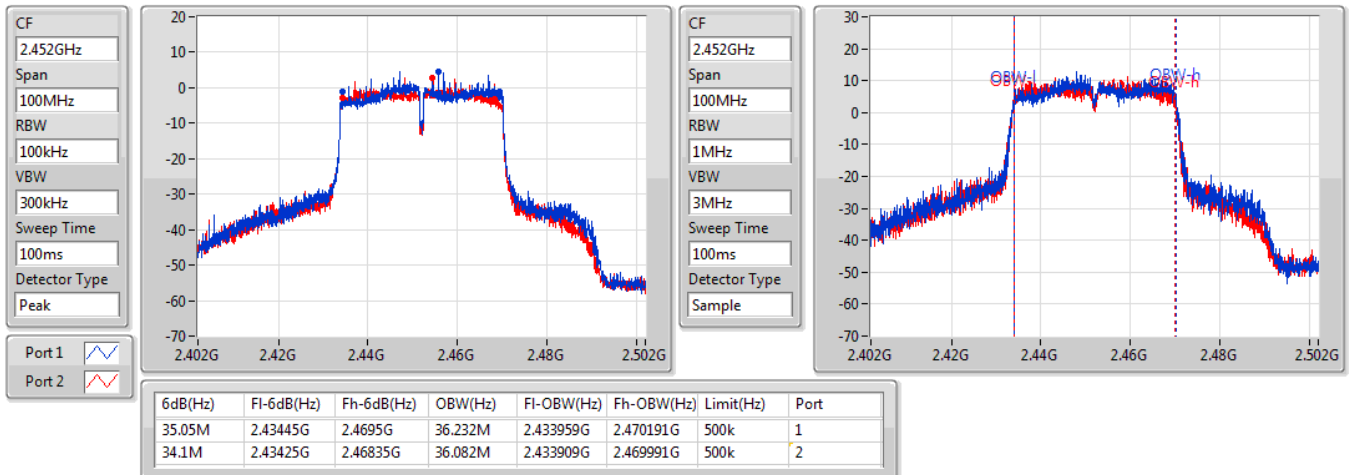


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

17/05/2021


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

17/05/2021



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	9.525M	13.968M	14M0G1D	7.525M	12.794M
802.11g_Nss1,(6Mbps)_2TX	16.325M	22.014M	22M0D1D	15.65M	16.392M
802.11n HT20_Nss1,(MCS0)_2TX	17.575M	21.839M	21M8D1D	16.775M	17.566M
802.11n HT40_Nss1,(MCS0)_2TX	35.1M	36.282M	36M3D1D	32.6M	35.982M

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	8M	13.118M	9.525M	13.968M
2437MHz	Pass	500k	8.55M	13.393M	7.525M	12.794M
2462MHz	Pass	500k	8.05M	13.093M	8.025M	13.568M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.492M	15.65M	16.392M
2437MHz	Pass	500k	16.325M	21.114M	15.675M	22.014M
2462MHz	Pass	500k	16.325M	16.492M	15.675M	16.442M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.3M	17.666M	17.525M	17.566M
2437MHz	Pass	500k	17.55M	21.839M	16.775M	21.789M
2462MHz	Pass	500k	17.575M	17.666M	17.55M	17.616M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	35.982M	33.8M	36.232M
2437MHz	Pass	500k	33.8M	36.082M	35M	36.282M
2452MHz	Pass	500k	34.9M	36.082M	32.6M	36.232M

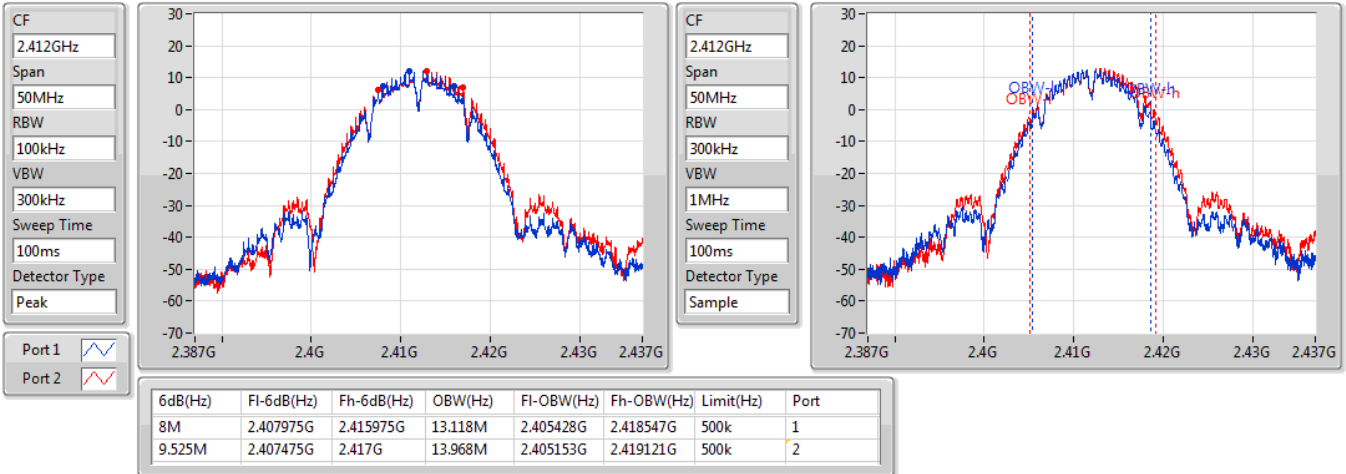
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

18/06/2021

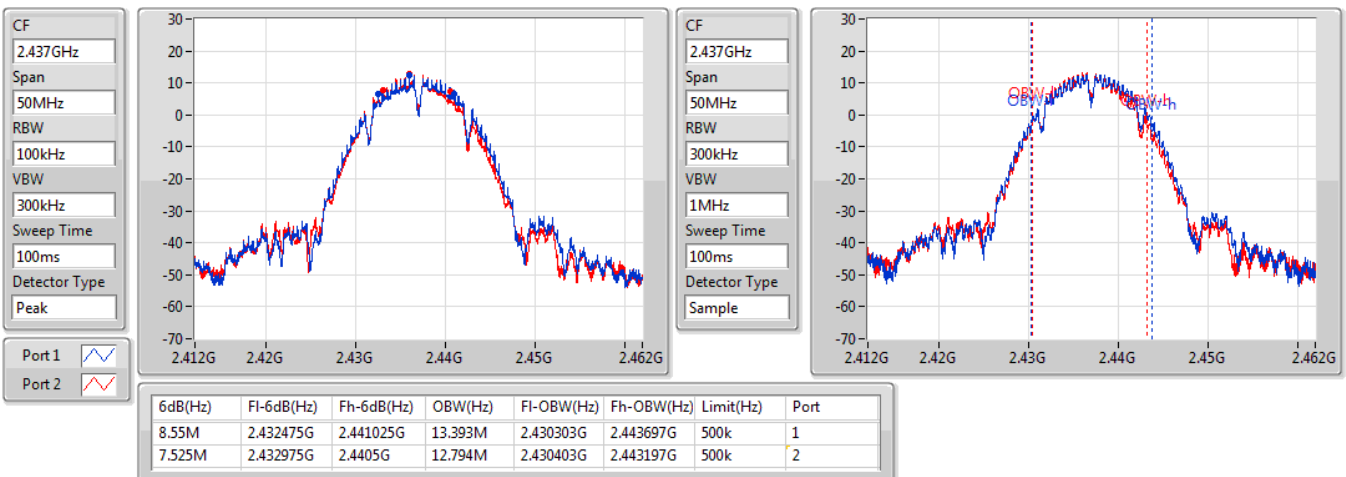


802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

18/06/2021

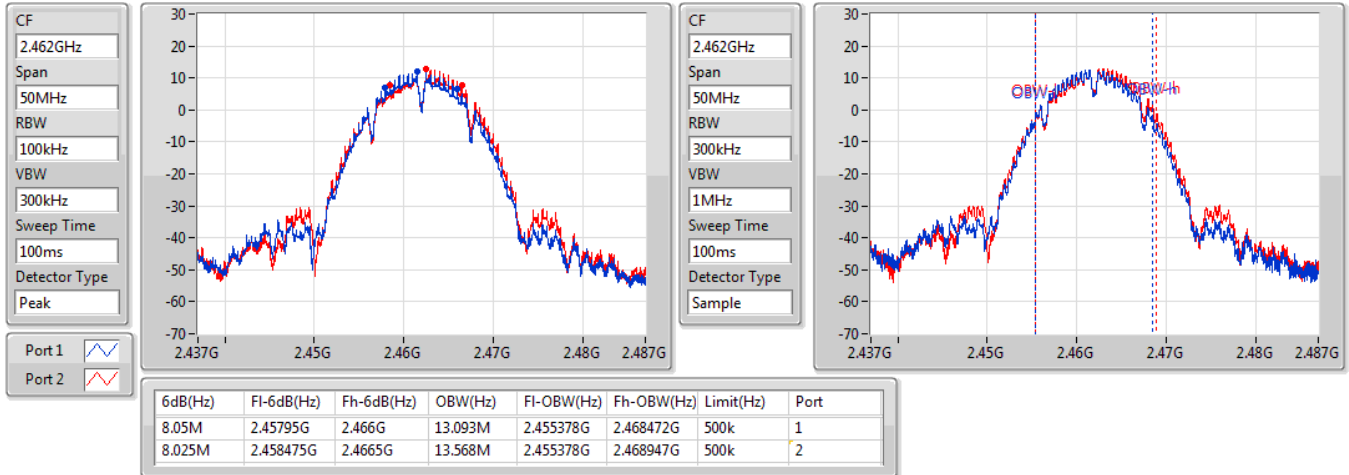


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

18/06/2021

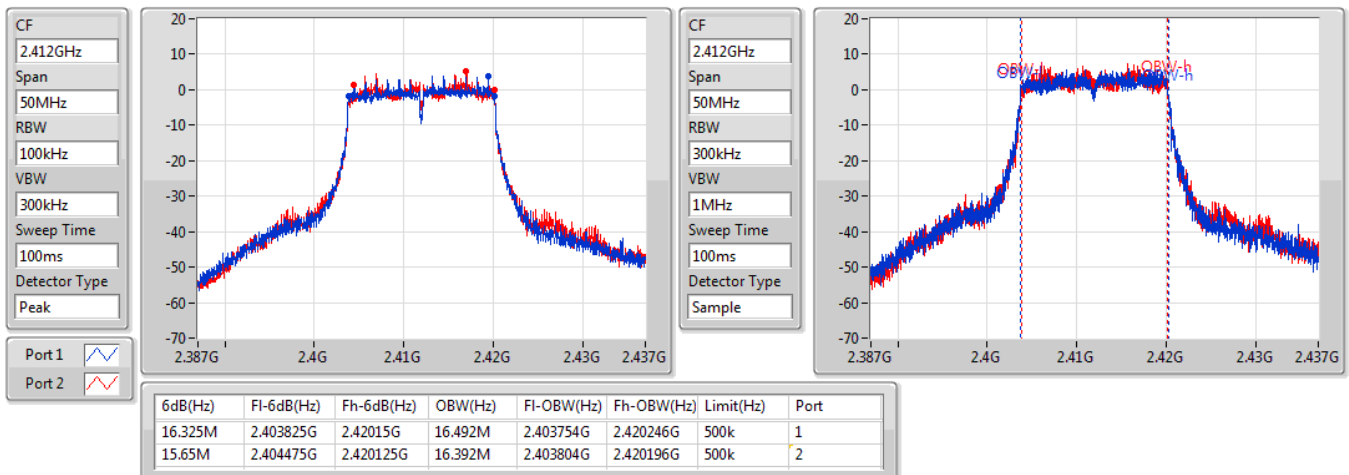


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

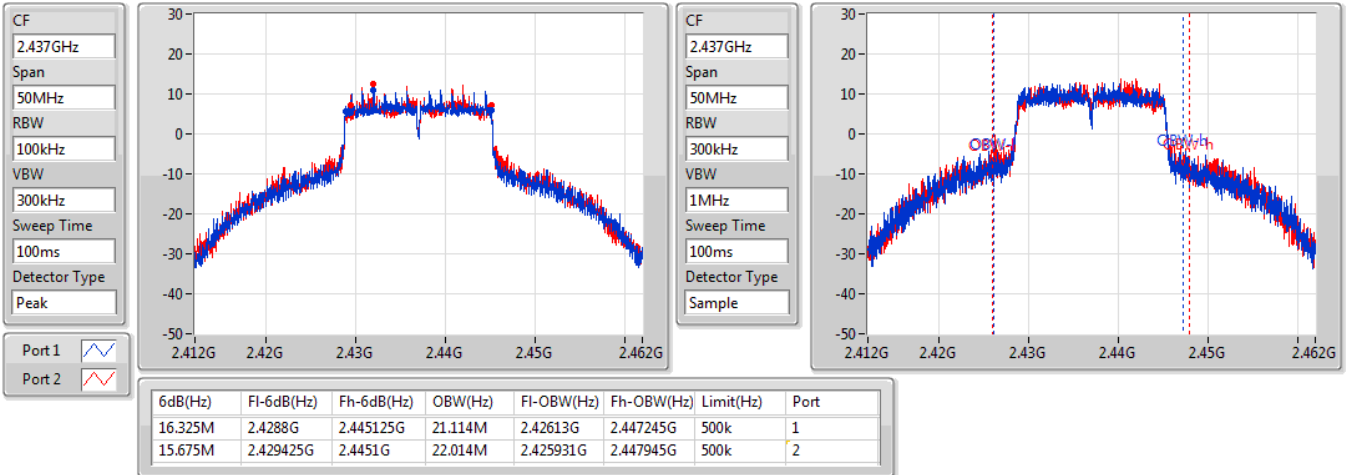
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802.11g_Nss1,(6Mbps)_2TX

2437MHz

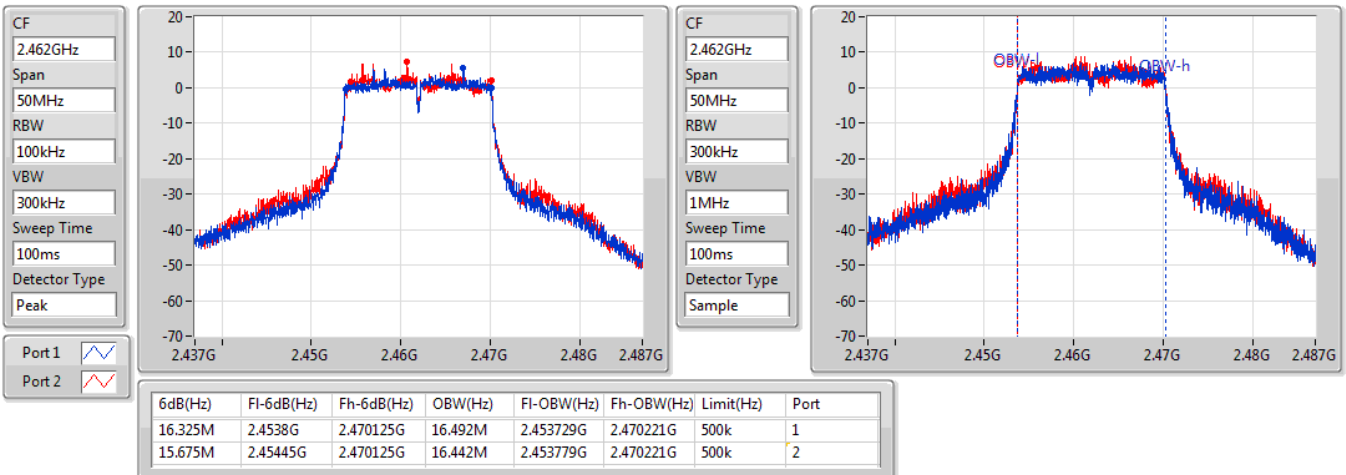
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802.11g_Nss1,(6Mbps)_2TX

2462MHz

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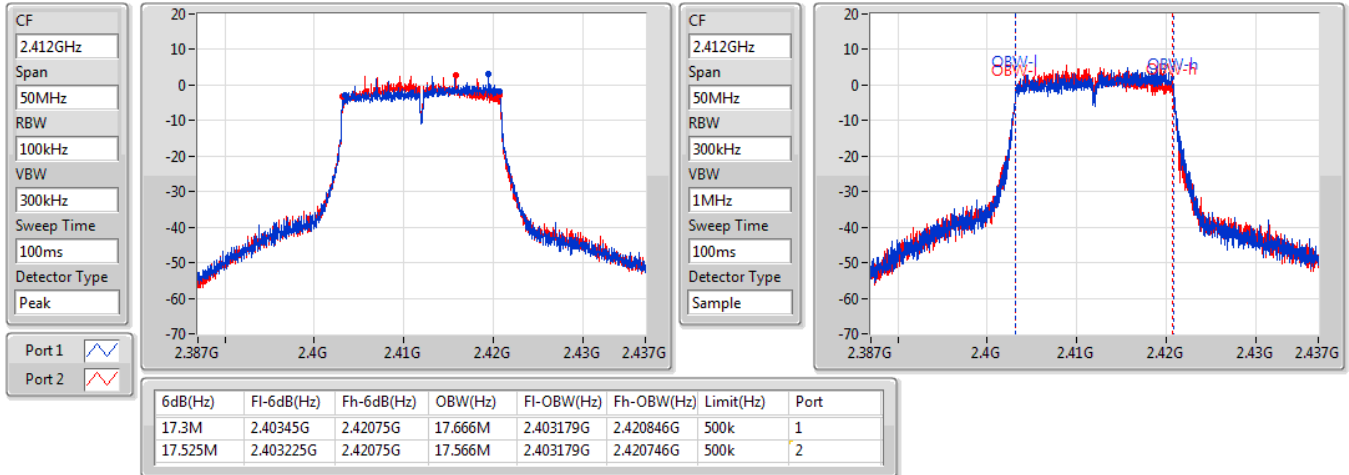


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

18/06/2021

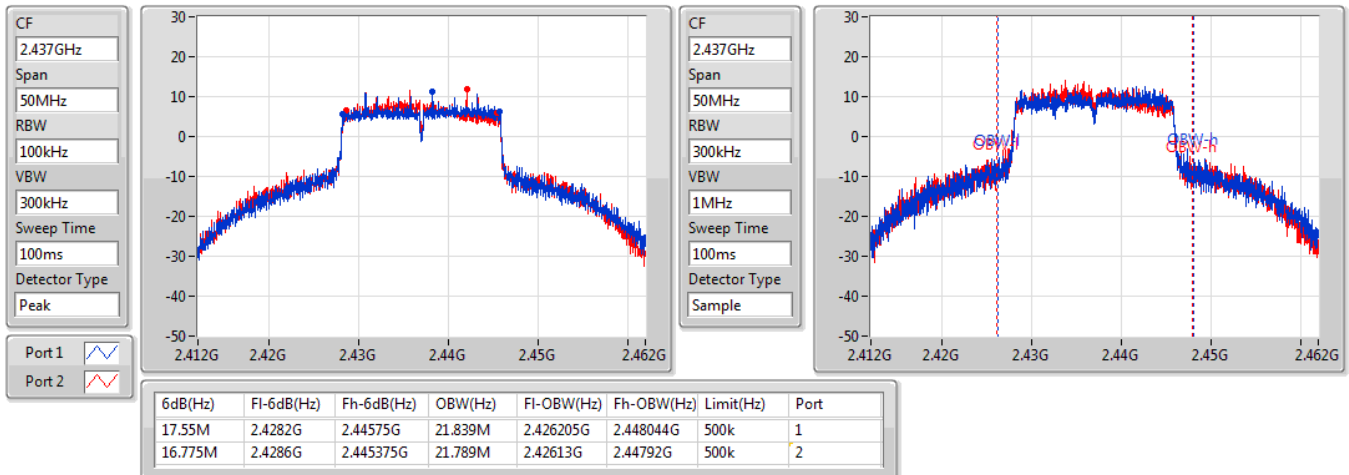


802.11n HT20_Nss1,(MCS0)_2TX

EBW

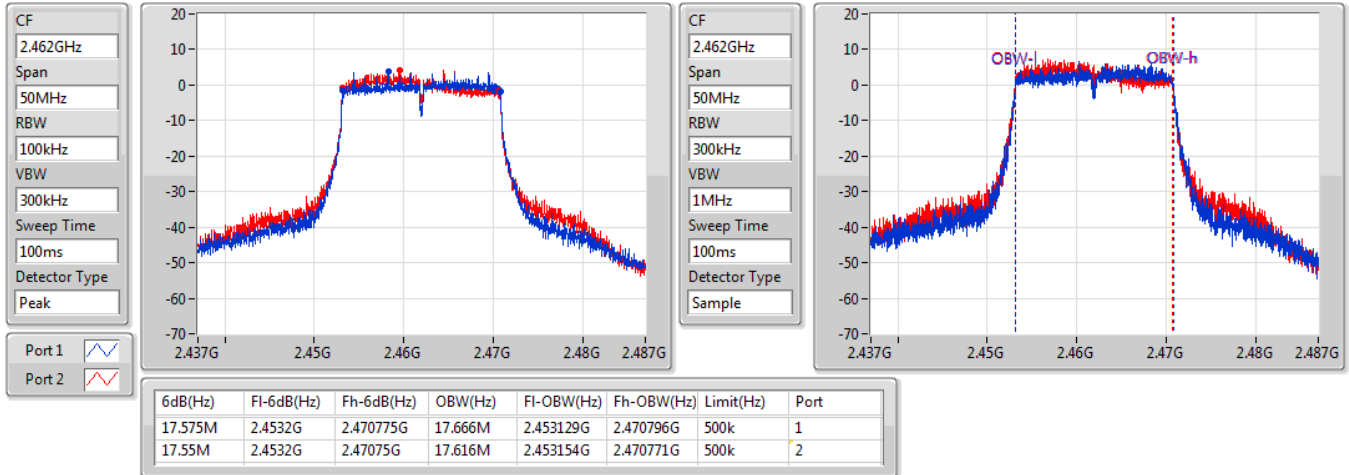
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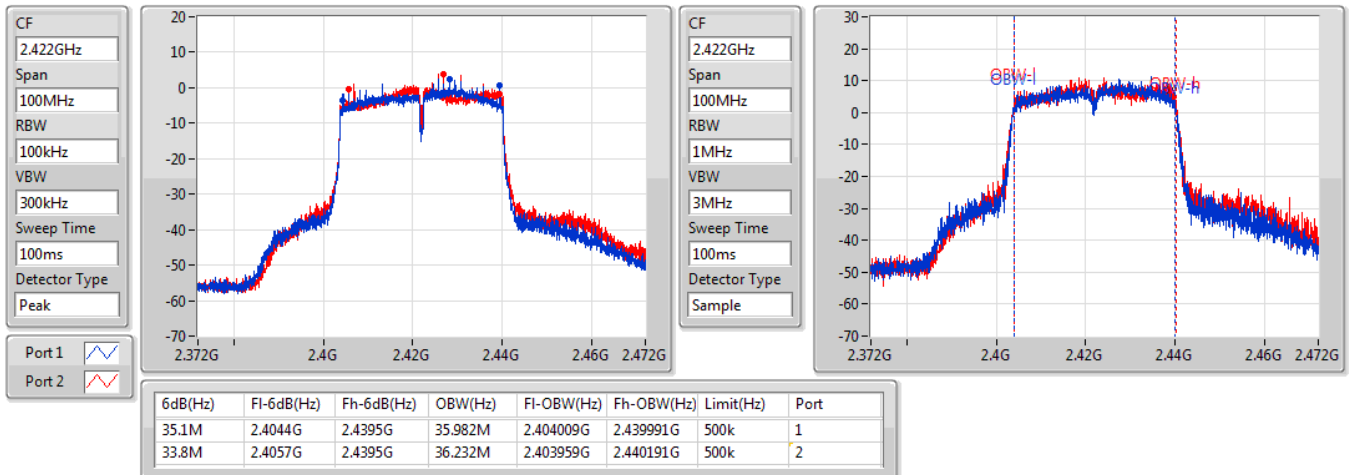


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

18/06/2021


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

18/06/2021

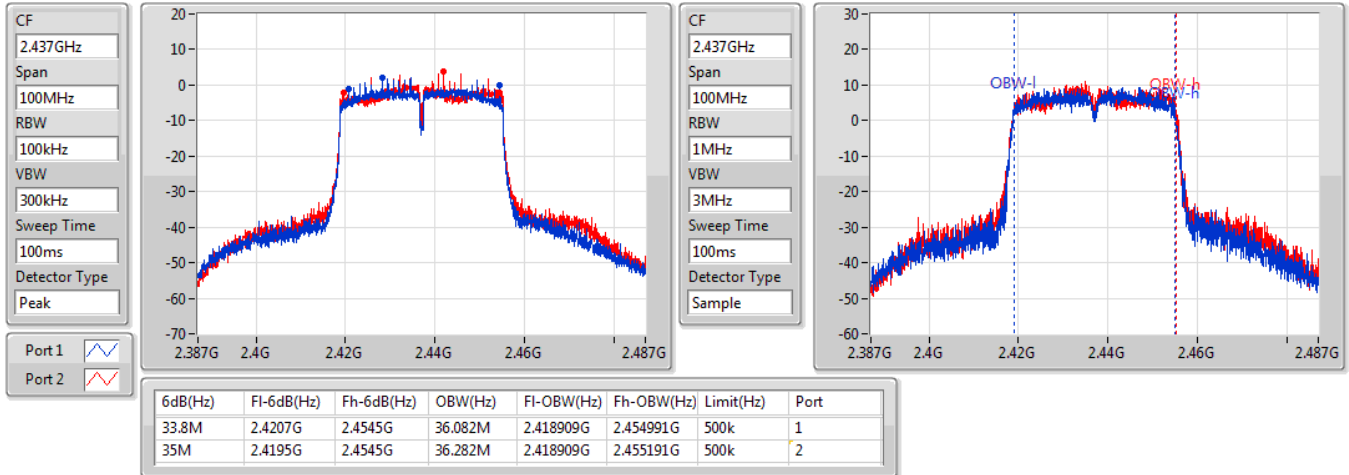


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

18/06/2021

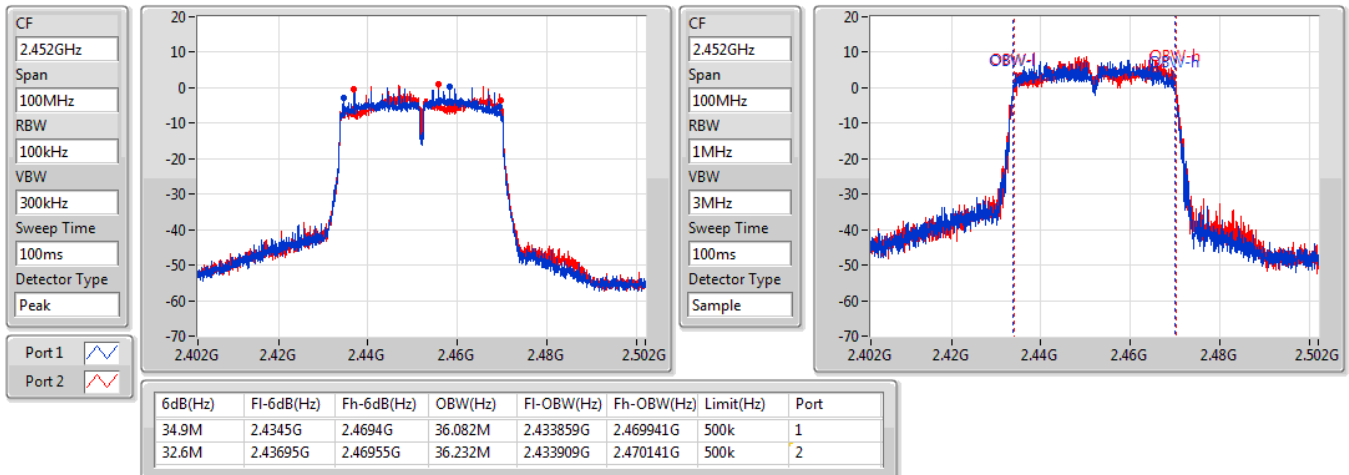


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

18/06/2021





Average Power_Sample 1

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.64	0.29107
802.11g_Nss1,(6Mbps)_2TX	24.08	0.25586
802.11n HT20_Nss1,(MCS0)_2TX	23.91	0.24604
802.11n HT40_Nss1,(MCS0)_2TX	21.64	0.14588

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	21.77	21.48	24.64	30.00
2437MHz	Pass	4.24	20.07	20.11	23.10	30.00
2462MHz	Pass	4.24	20.94	20.60	23.78	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	18.69	18.58	21.65	30.00
2417MHz	Pass	4.24	21.06	21.08	24.08	30.00
2437MHz	Pass	4.24	21.04	20.88	23.97	30.00
2457MHz	Pass	4.24	19.46	19.38	22.43	30.00
2462MHz	Pass	4.24	16.70	16.11	19.43	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.24	16.49	16.38	19.45	30.00
2417MHz	Pass	4.24	20.84	20.95	23.91	30.00
2437MHz	Pass	4.24	20.97	20.80	23.90	30.00
2457MHz	Pass	4.24	19.50	19.18	22.35	30.00
2462MHz	Pass	4.24	16.10	15.40	18.77	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.24	17.41	17.36	20.40	30.00
2427MHz	Pass	4.24	16.83	16.71	19.78	30.00
2437MHz	Pass	4.24	18.63	18.62	21.64	30.00
2447MHz	Pass	4.24	16.28	16.29	19.30	30.00
2452MHz	Pass	4.24	17.33	17.06	20.21	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.73	0.23605
802.11g_Nss1,(6Mbps)_2TX	25.10	0.32359
802.11n HT20_Nss1,(MCS0)_2TX	25.09	0.32285
802.11n HT40_Nss1,(MCS0)_2TX	19.29	0.08492

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	20.21	21.03	23.65	30.00
2437MHz	Pass	4.50	20.74	20.70	23.73	30.00
2462MHz	Pass	4.50	20.42	20.86	23.66	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	15.00	15.37	18.20	30.00
2417MHz	Pass	4.50	14.92	15.43	18.19	30.00
2437MHz	Pass	4.50	21.98	22.19	25.10	30.00
2457MHz	Pass	4.50	18.80	18.94	21.88	30.00
2462MHz	Pass	4.50	16.87	17.18	20.04	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.50	13.96	14.38	17.19	30.00
2417MHz	Pass	4.50	17.71	18.38	21.07	30.00
2437MHz	Pass	4.50	21.90	22.26	25.09	30.00
2457MHz	Pass	4.50	19.43	19.91	22.69	30.00
2462MHz	Pass	4.50	15.64	16.39	19.04	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.50	16.07	16.48	19.29	30.00
2437MHz	Pass	4.50	15.97	16.46	19.23	30.00
2447MHz	Pass	4.50	13.91	14.24	17.09	30.00
2452MHz	Pass	4.50	14.05	14.26	17.17	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.91
802.11g_Nss1,(6Mbps)_2TX	-2.17
802.11n HT20_Nss1,(MCS0)_2TX	-3.13
802.11n HT40_Nss1,(MCS0)_2TX	-7.12

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	7.19	-2.29	-1.26	0.51	6.81
2437MHz	Pass	7.19	-3.15	-3.74	-1.56	6.81
2462MHz	Pass	7.19	-0.88	-2.48	0.91	6.81
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.19	-5.97	-6.85	-3.89	6.81
2437MHz	Pass	7.19	-3.16	-2.97	-2.17	6.81
2462MHz	Pass	7.19	-7.08	-9.12	-6.39	6.81
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.19	-8.31	-9.95	-7.37	6.81
2437MHz	Pass	7.19	-4.41	-5.65	-3.13	6.81
2462MHz	Pass	7.19	-6.60	-10.78	-5.86	6.81
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.19	-10.84	-11.05	-9.19	6.81
2437MHz	Pass	7.19	-8.11	-9.31	-7.12	6.81
2452MHz	Pass	7.19	-10.30	-11.97	-8.65	6.81

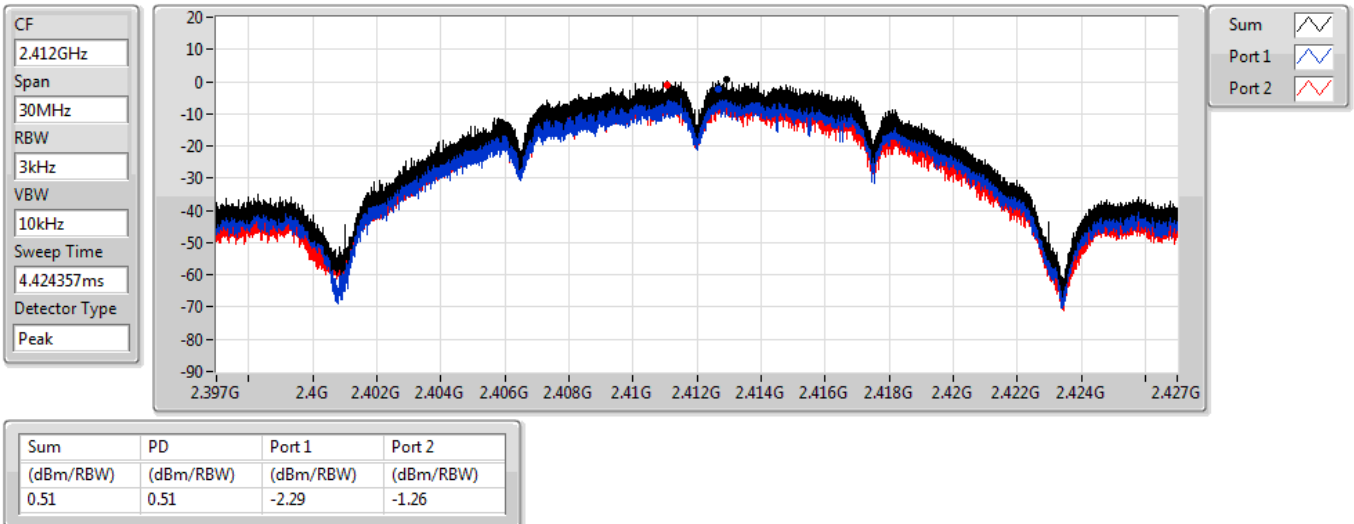
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

2412MHz

PSD

17/05/2021

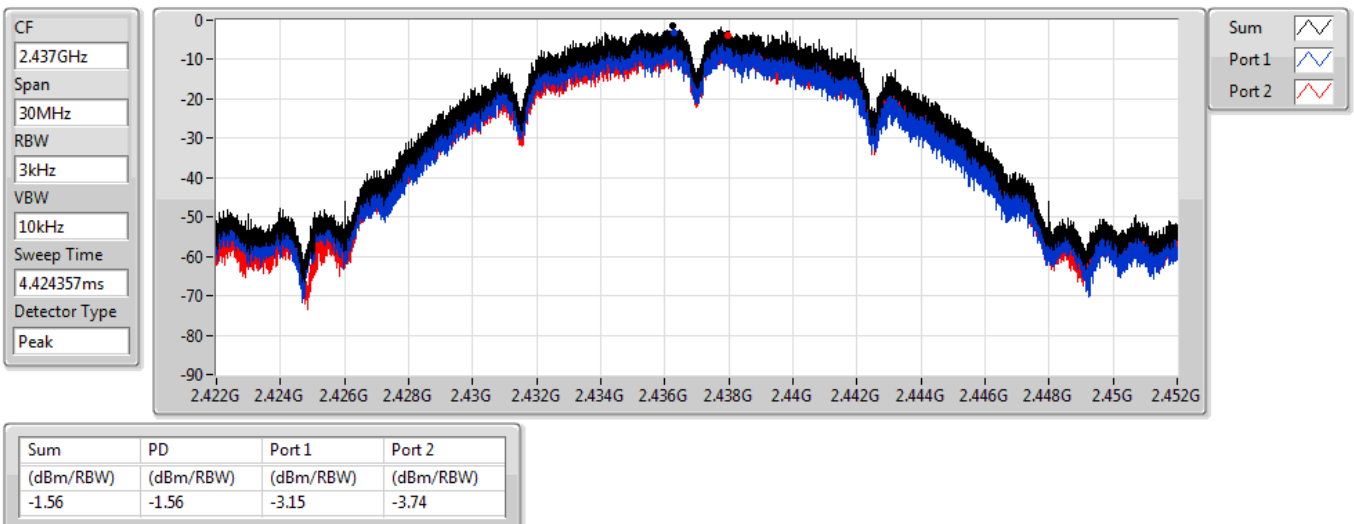


802.11b_Nss1,(1Mbps)_2TX

2437MHz

PSD

17/05/2021

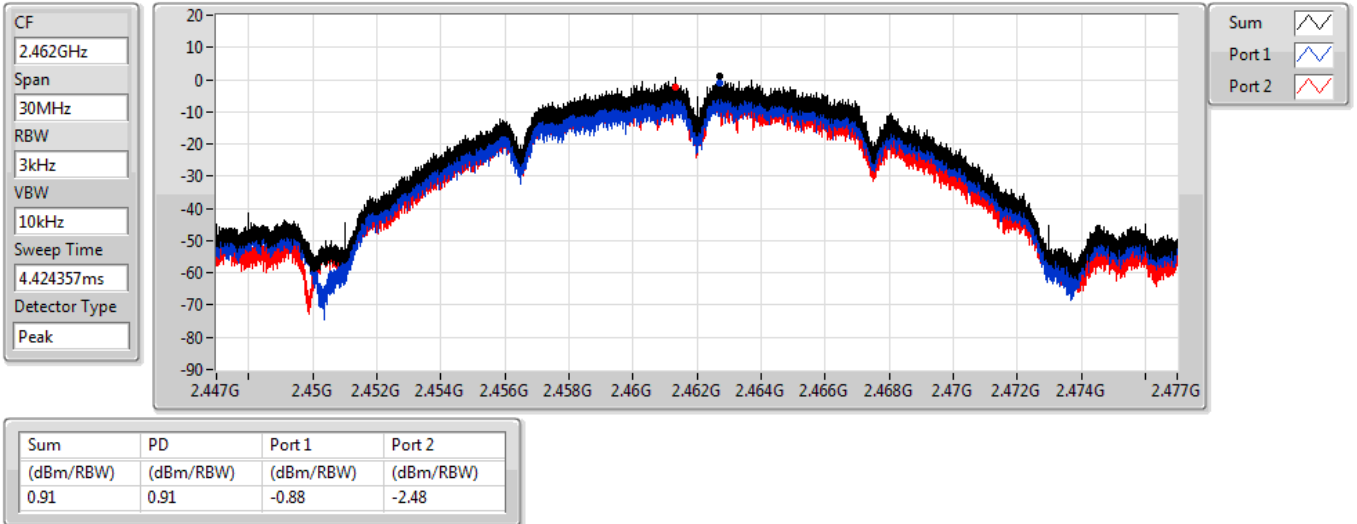


802.11b_Nss1,(1Mbps)_2TX

2462MHz

PSD

17/05/2021

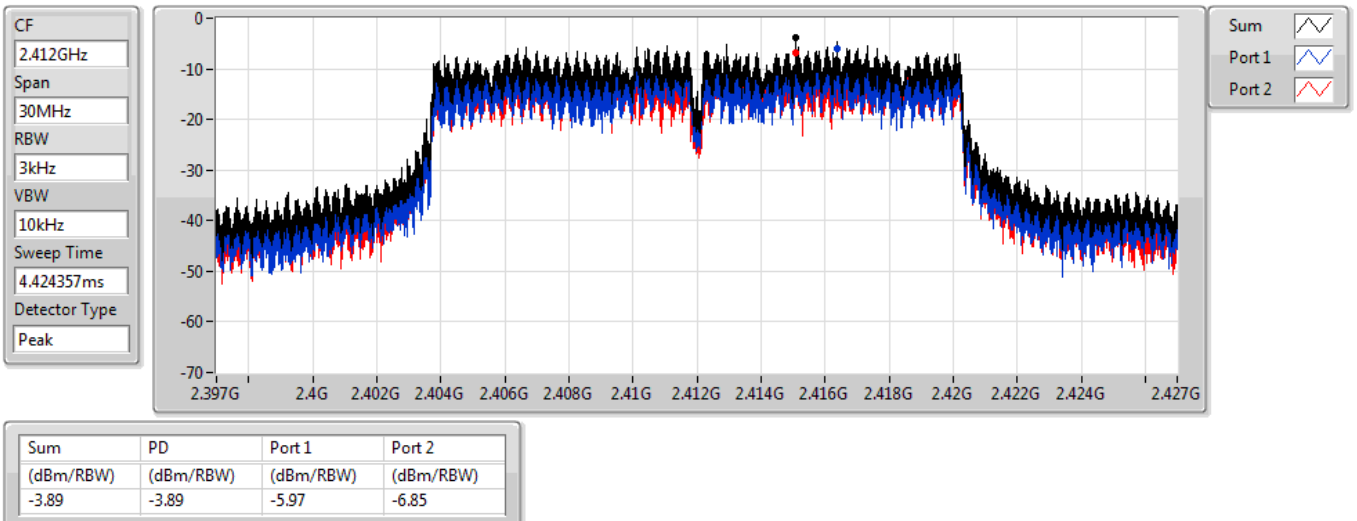


802.11g_Nss1,(6Mbps)_2TX

2412MHz

PSD

17/05/2021

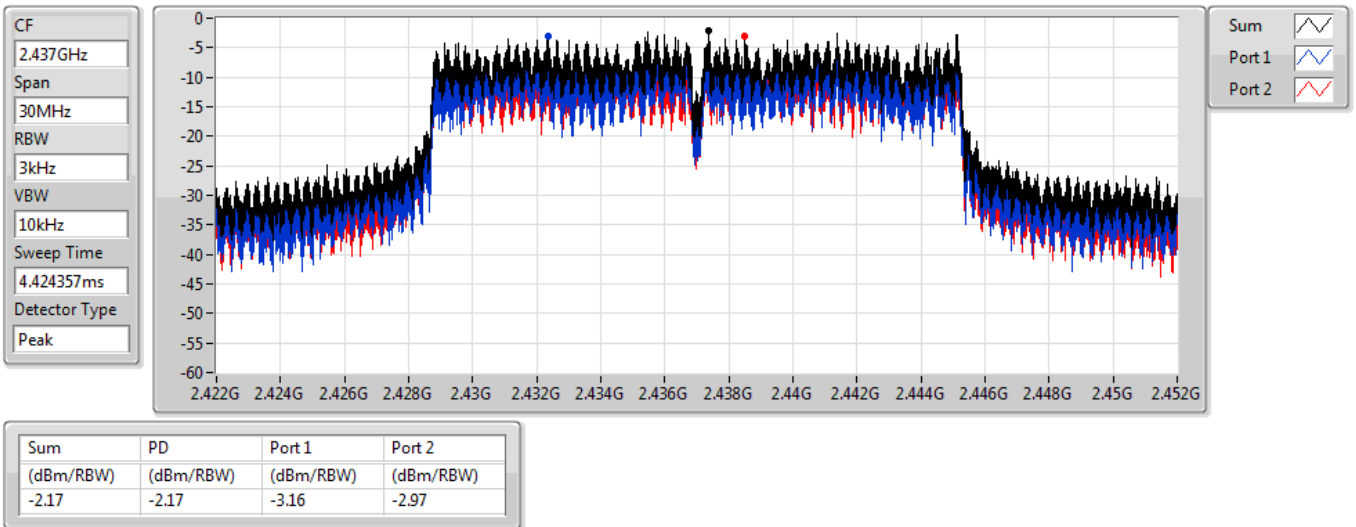


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

17/05/2021

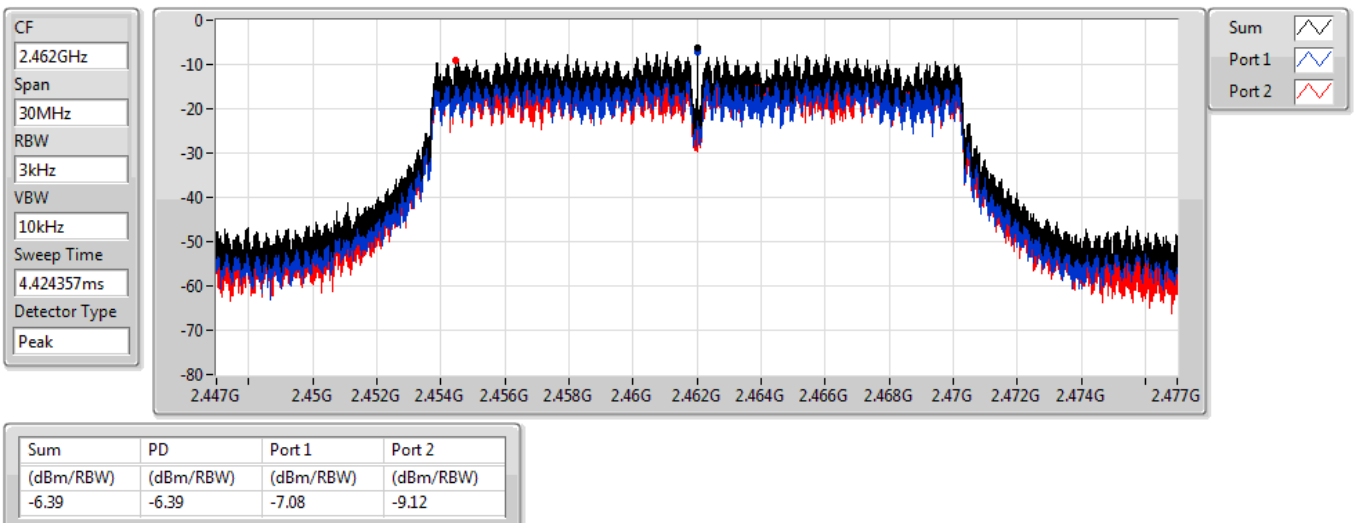


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

17/05/2021

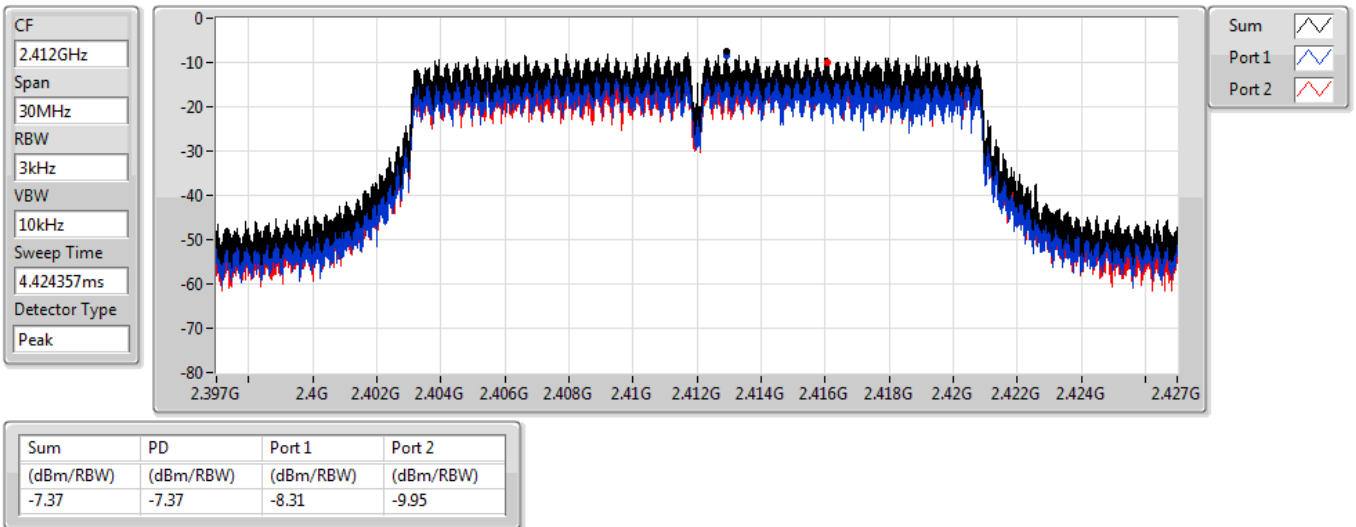


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

17/05/2021

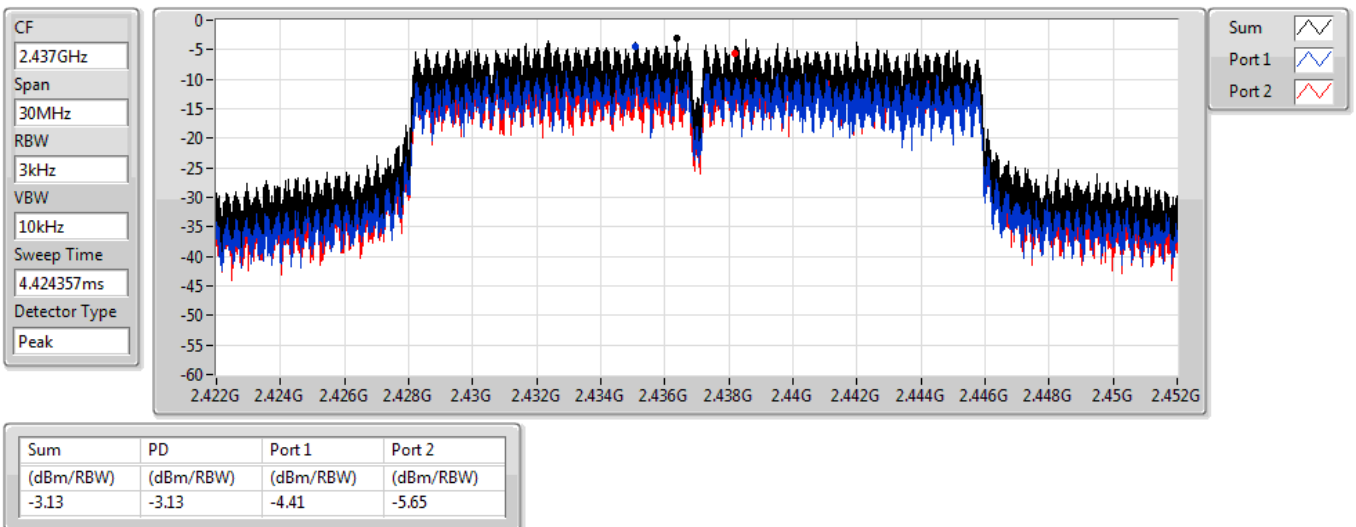


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

17/05/2021

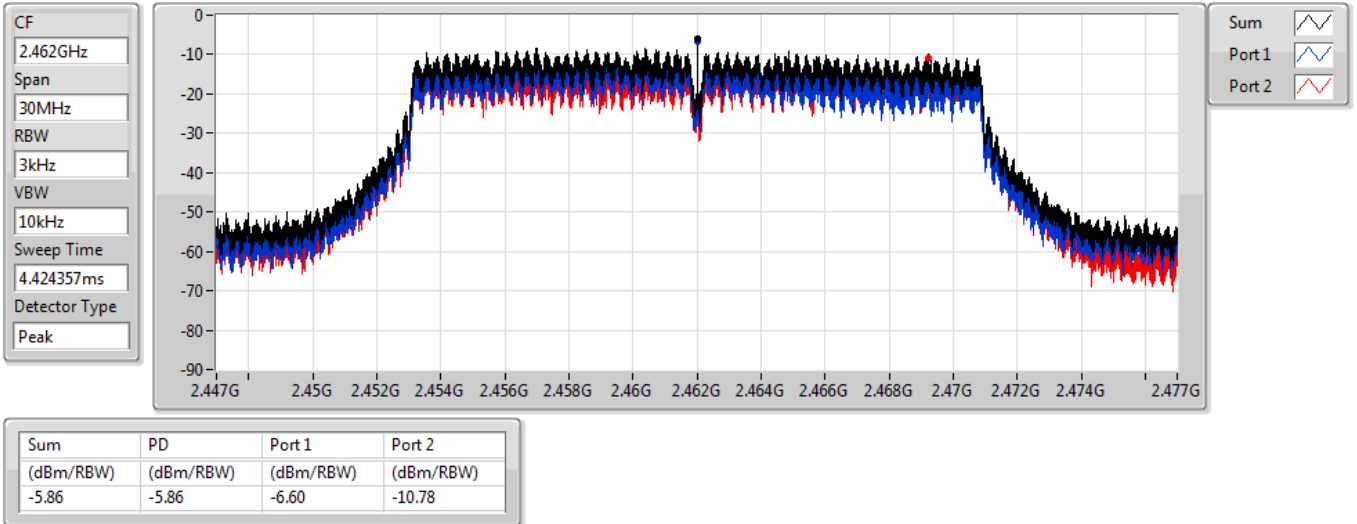


802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

PSD

17/05/2021

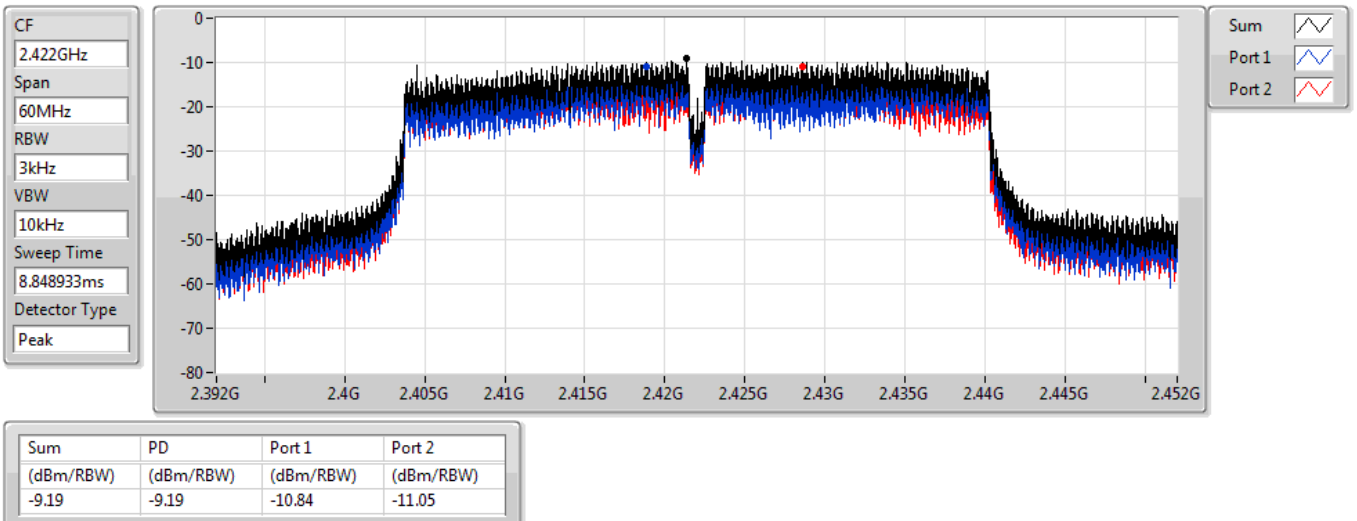


802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

PSD

17/05/2021

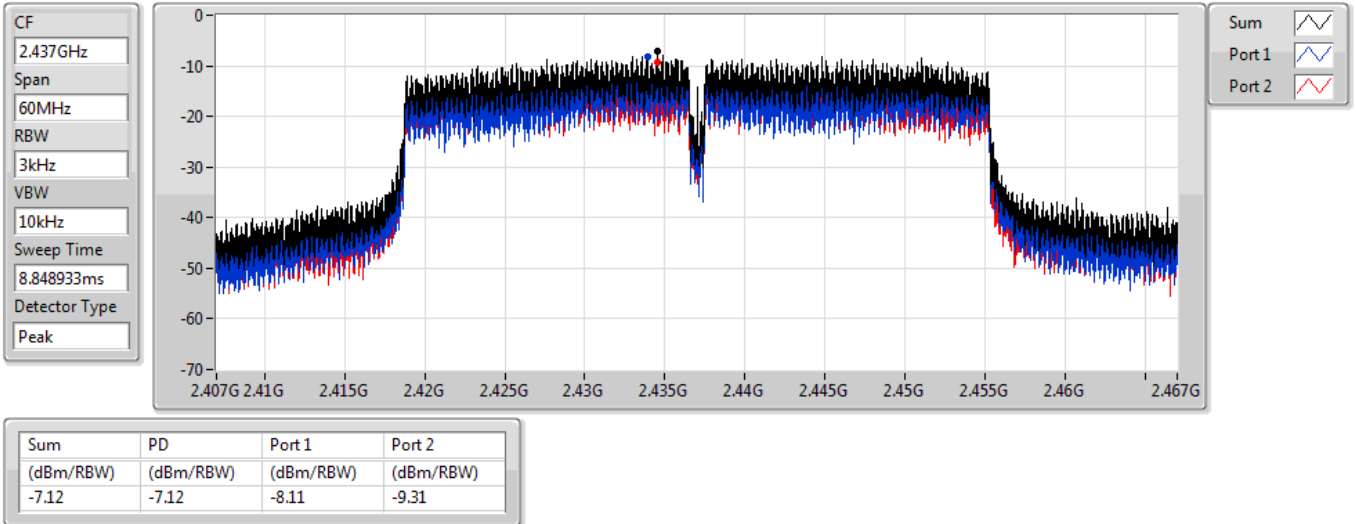


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

17/05/2021

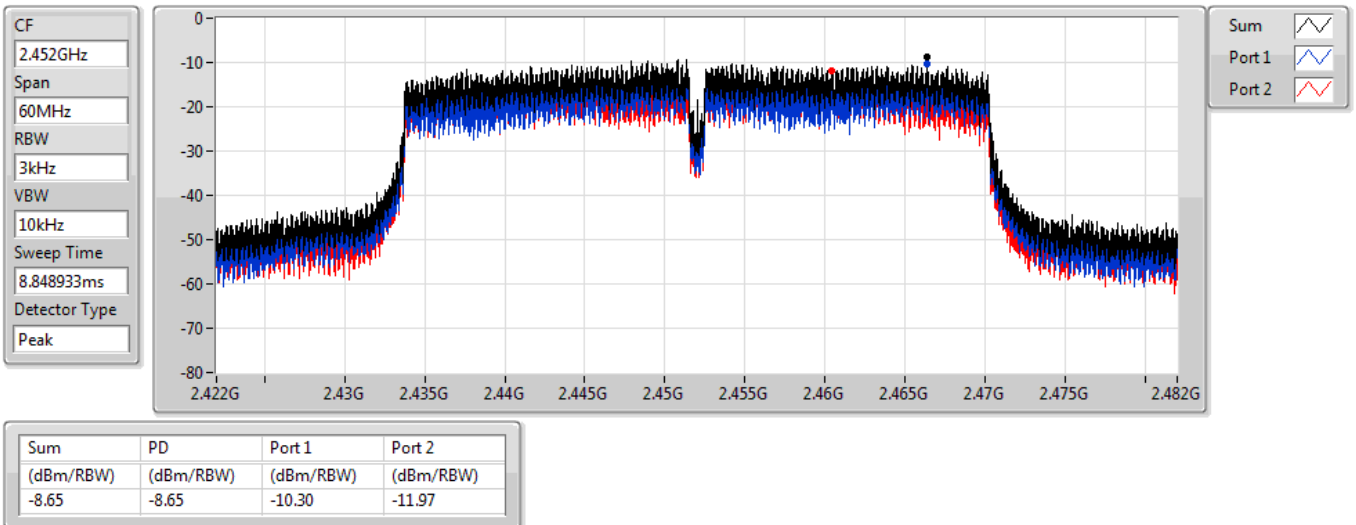


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

17/05/2021





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.03
802.11g_Nss1,(6Mbps)_2TX	-1.59
802.11n HT20_Nss1,(MCS0)_2TX	-1.23
802.11n HT40_Nss1,(MCS0)_2TX	-8.25

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	7.51	-2.82	-3.01	-0.27	6.49
2437MHz	Pass	7.51	-1.60	-1.41	-0.03	6.49
2462MHz	Pass	7.51	-3.40	-2.71	-1.11	6.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.51	-9.52	-8.75	-8.21	6.49
2437MHz	Pass	7.51	-3.35	-3.81	-1.59	6.49
2462MHz	Pass	7.51	-9.17	-7.06	-6.22	6.49
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.51	-10.82	-11.10	-9.16	6.49
2437MHz	Pass	7.51	-4.25	-1.81	-1.23	6.49
2462MHz	Pass	7.51	-9.55	-7.19	-7.00	6.49
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.51	-12.59	-9.17	-8.92	6.49
2437MHz	Pass	7.51	-12.96	-8.78	-8.57	6.49
2452MHz	Pass	7.51	-13.16	-8.47	-8.25	6.49

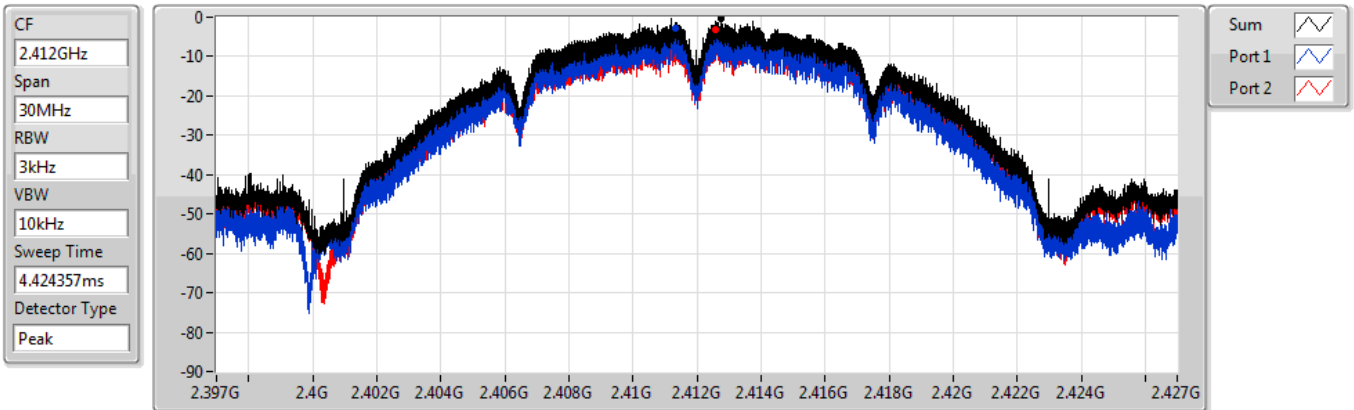
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

18/06/2021

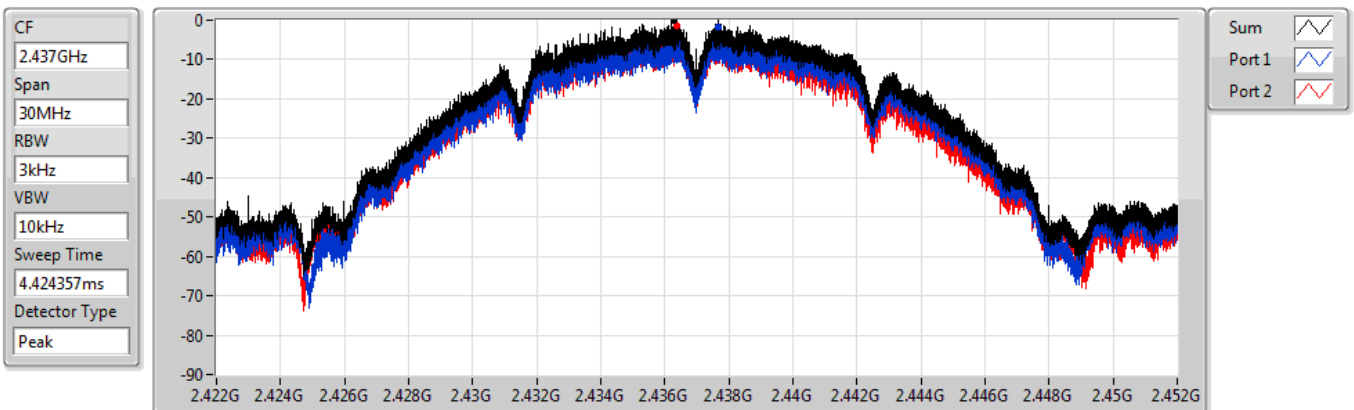


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

18/06/2021

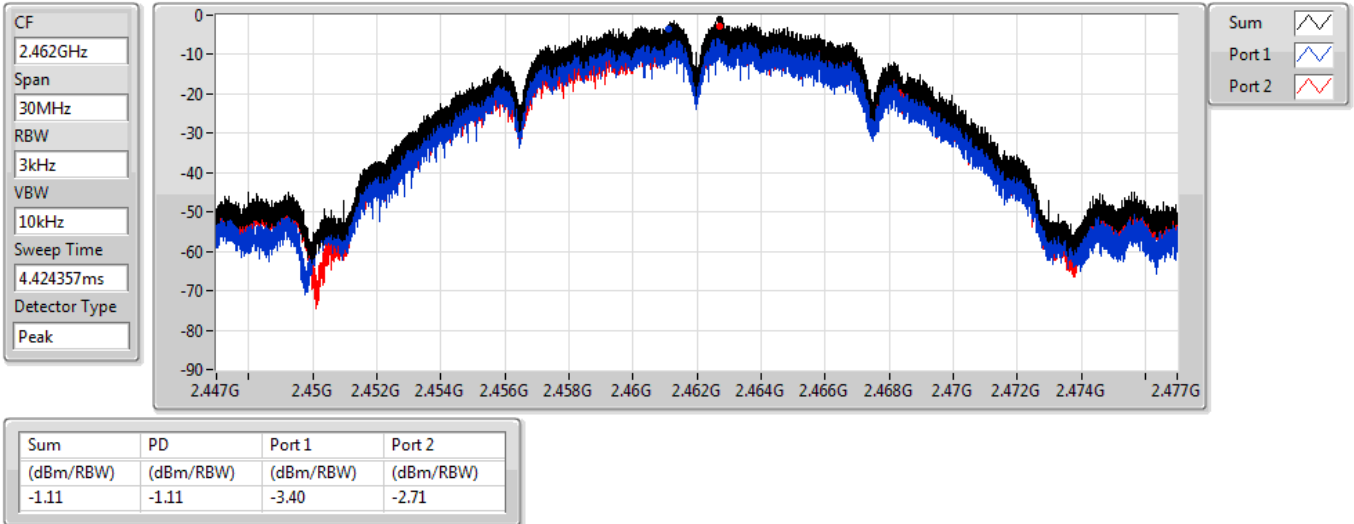


802.11b_Nss1,(1Mbps)_2TX

2462MHz

PSD

18/06/2021

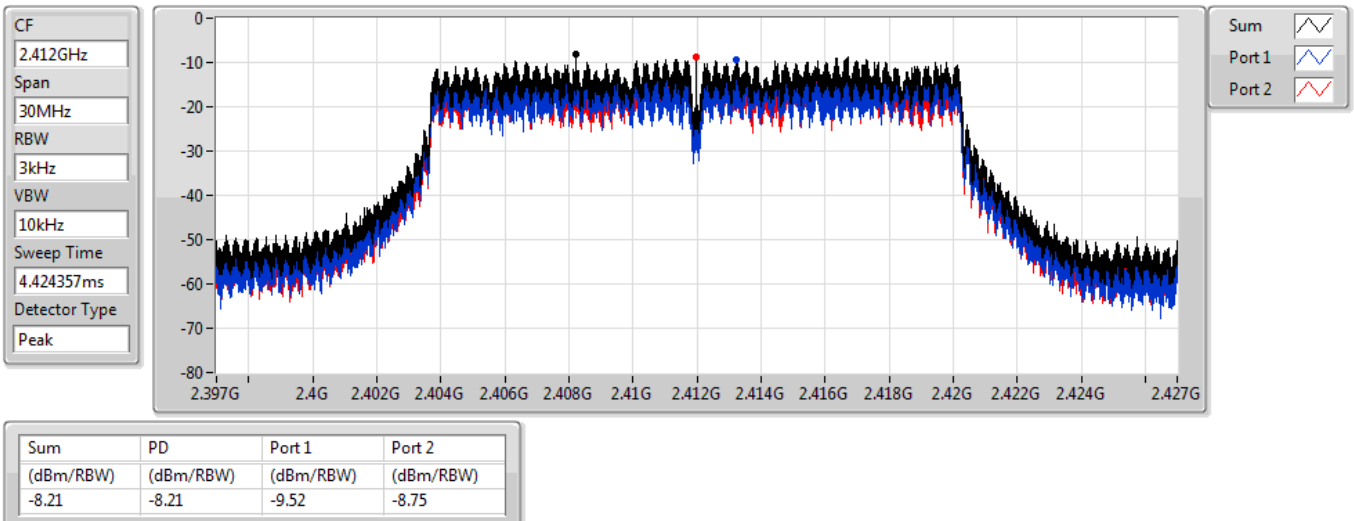


802.11g_Nss1,(6Mbps)_2TX

2412MHz

PSD

18/06/2021

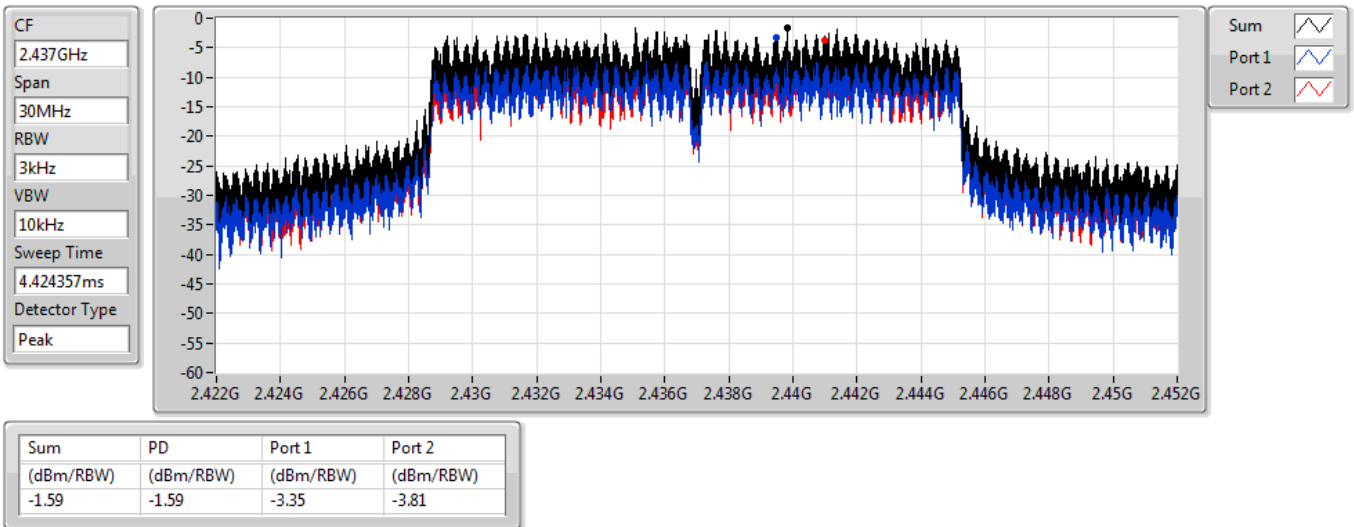


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

18/06/2021

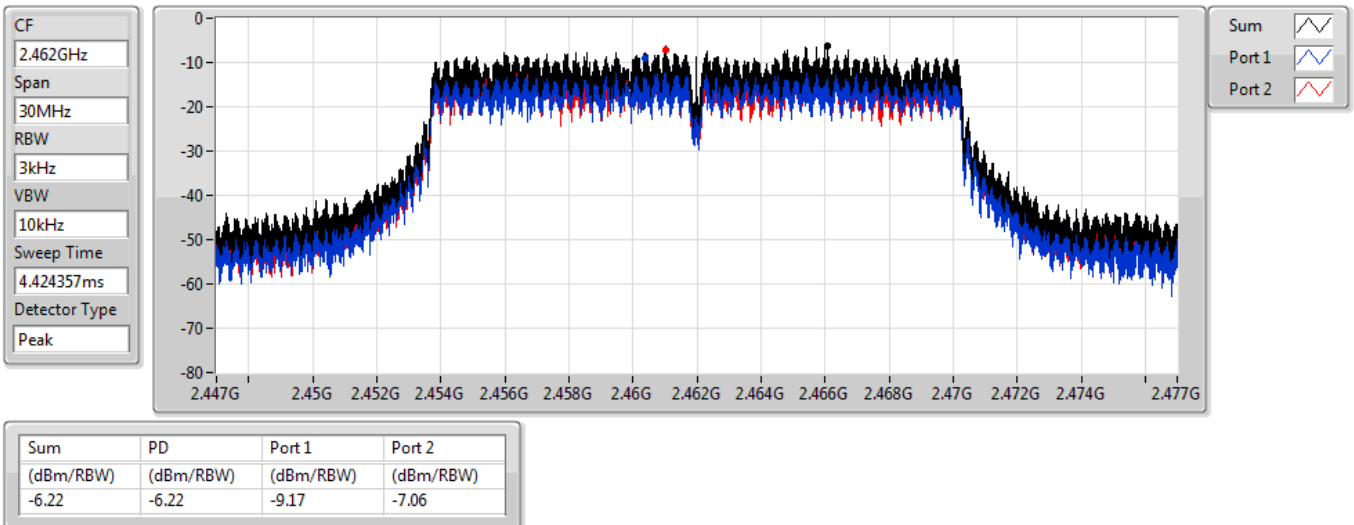


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

18/06/2021

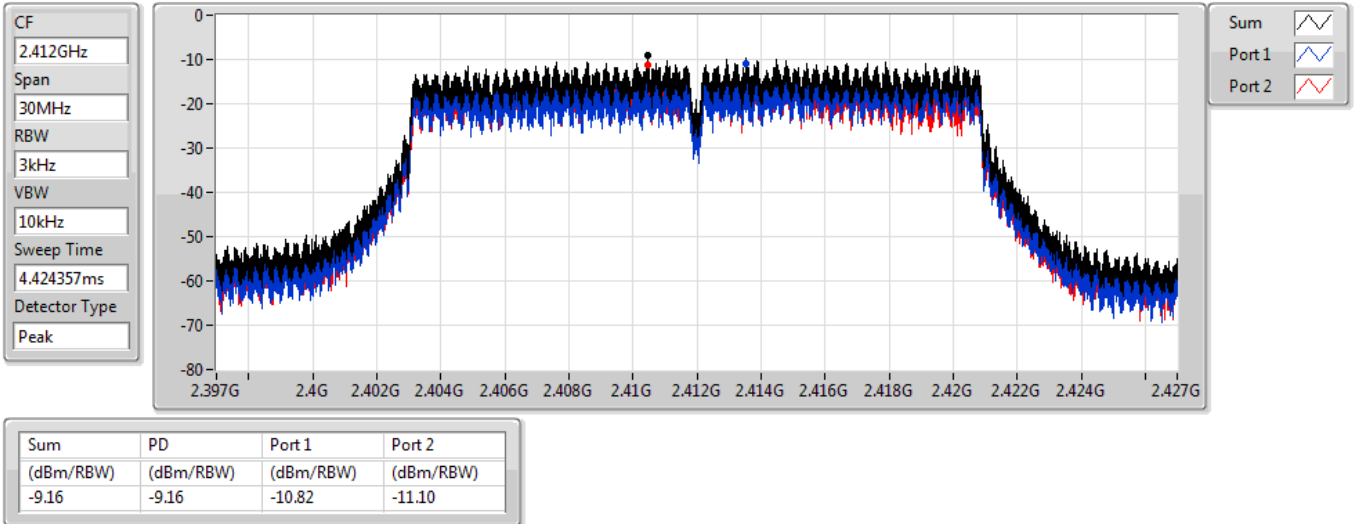


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

18/06/2021

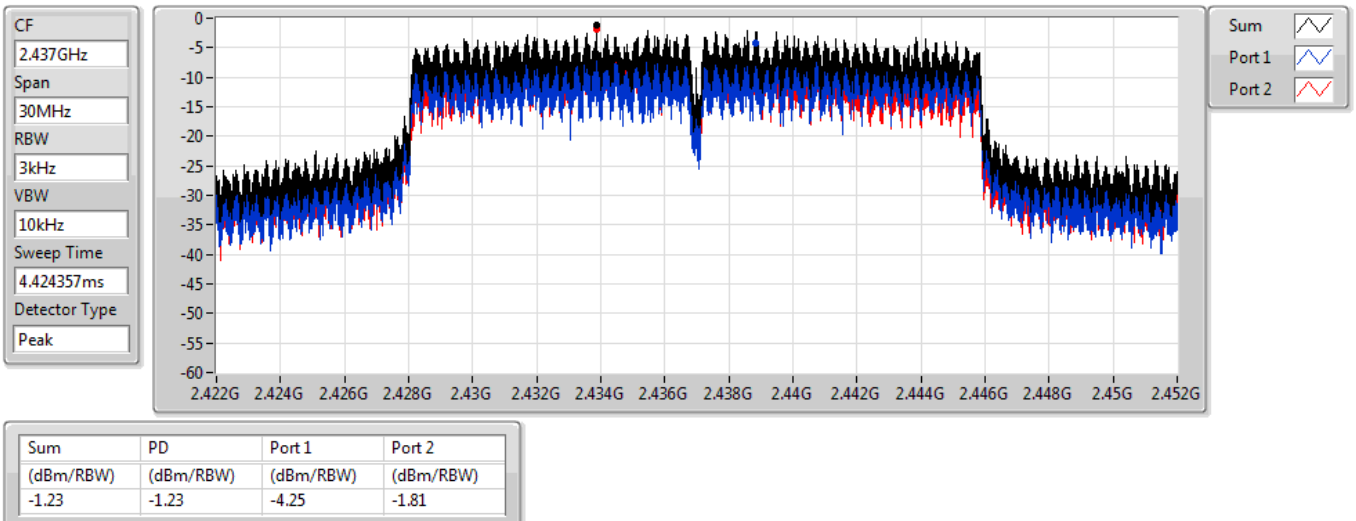


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

18/06/2021

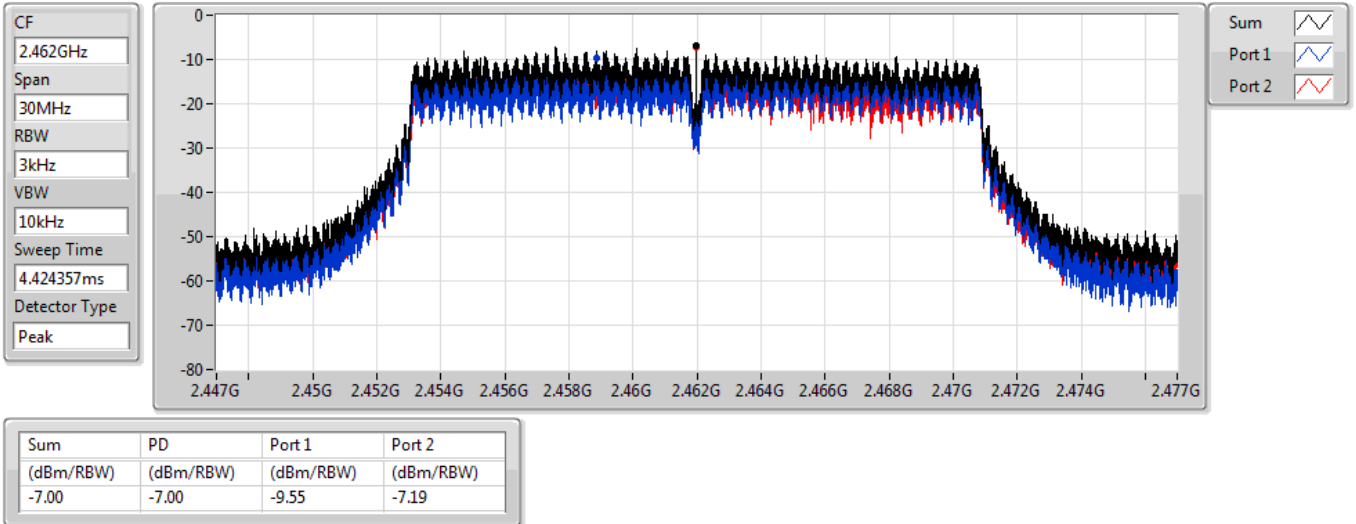


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

18/06/2021

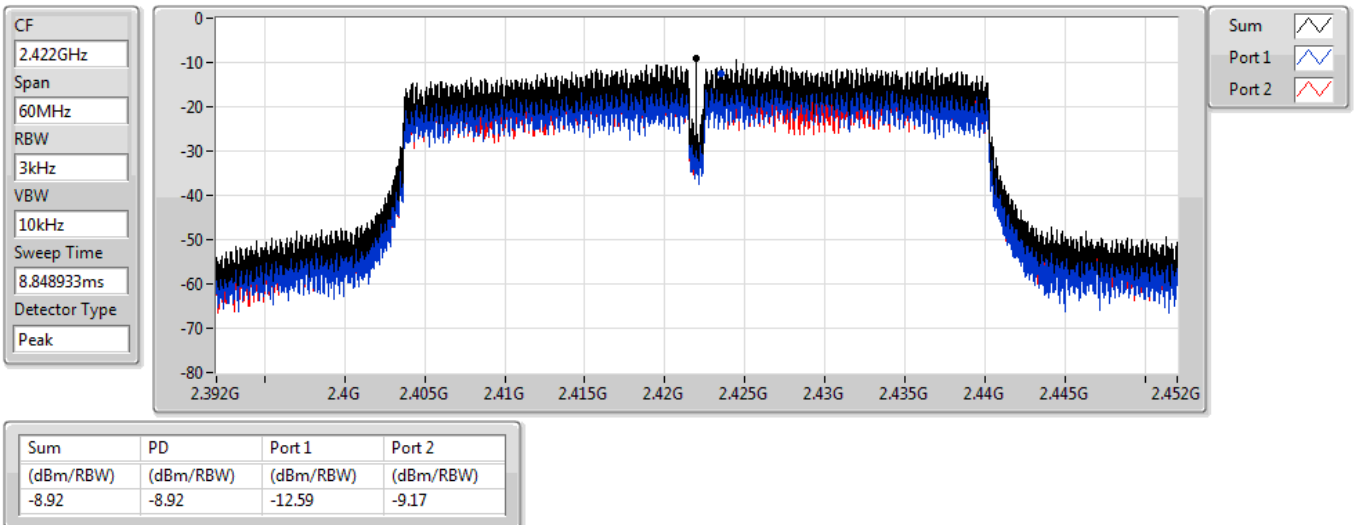


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

18/06/2021

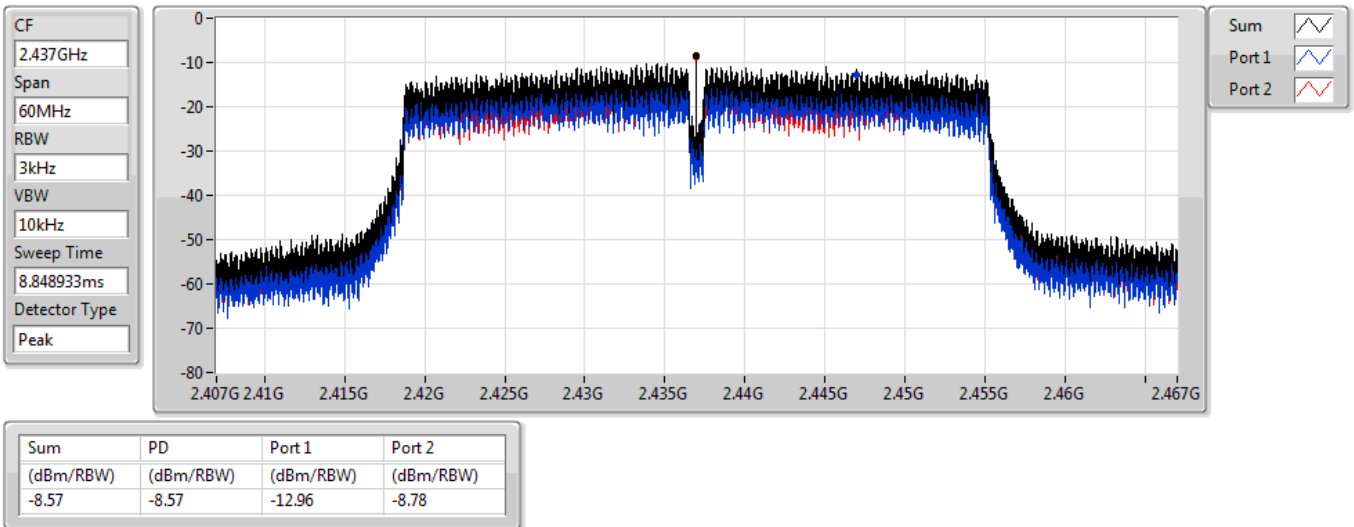


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

18/06/2021

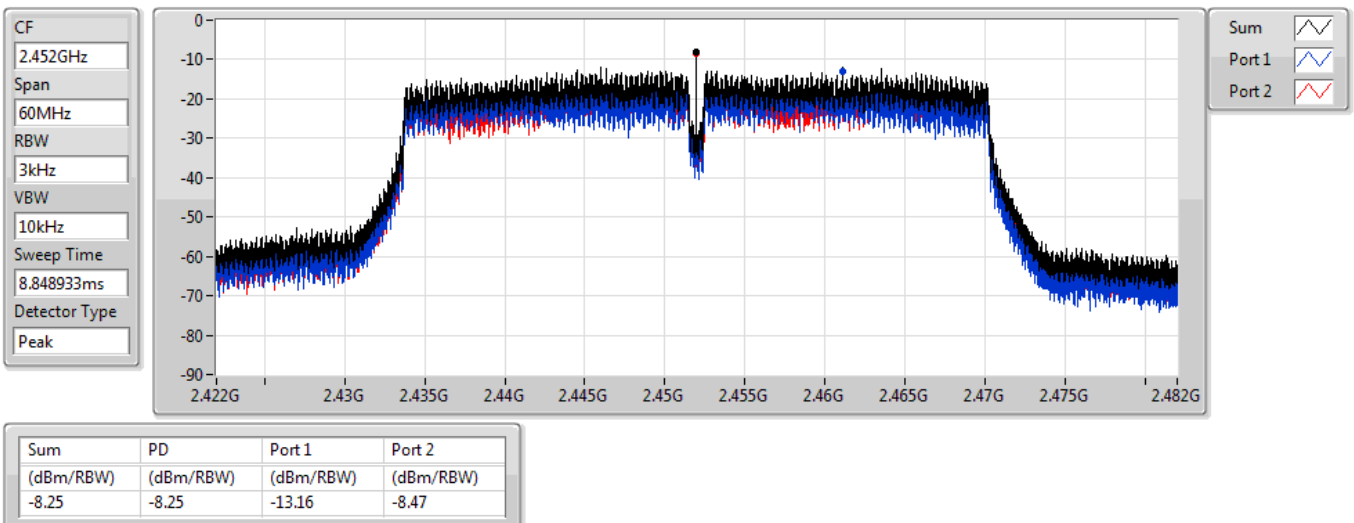


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

18/06/2021





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	13.12	-16.88	2.13108G	-53.86	2.39902G	-22.21	2.4G	-27.68	2.49866G	-52.71	23.25245G	-41.14	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	11.03	-18.97	2.14797G	-53.83	2.39986G	-19.48	2.4G	-23.25	2.48956G	-51.91	14.91648G	-41.76	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.442G	11.71	-18.29	2.06759G	-54.74	2.39954G	-30.21	2.4G	-33.39	2.48832G	-51.51	21.55548G	-42.11	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43453G	5.33	-24.67	2.15884G	-55.19	2.39888G	-29.62	2.4G	-31.45	2.48578G	-48.70	23.19947G	-40.03	1

Result

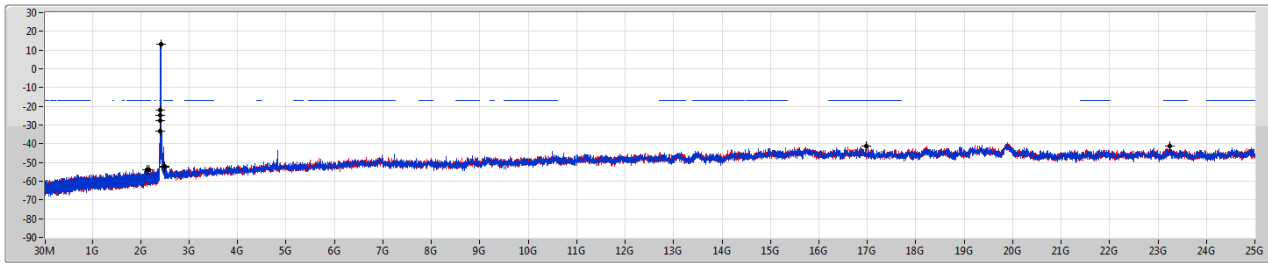
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	13.12	-16.88	2.13108G	-53.86	2.39902G	-22.21	2.4G	-27.68	2.49866G	-52.71	23.25245G	-41.14	1
2412MHz	Pass	2.41248G	13.12	-16.88	2.1704G	-53.81	2.3985G	-24.71	2.4G	-33.19	2.5004G	-52.19	16.98151G	-41.41	2
2437MHz	Pass	2.41248G	13.12	-16.88	2.10632G	-54.48	2.39924G	-52.27	2.4G	-52.72	2.48486G	-51.52	23.31145G	-41.90	1
2437MHz	Pass	2.41248G	13.12	-16.88	2.13545G	-54.74	2.39998G	-48.94	2.4G	-49.27	2.51926G	-51.92	21.58076G	-41.72	2
2462MHz	Pass	2.41248G	13.12	-16.88	2.10428G	-54.80	2.39908G	-53.07	2.4835G	-44.07	2.4835G	-45.02	24.97752G	-41.62	1
2462MHz	Pass	2.41248G	13.12	-16.88	2.17447G	-54.75	2.39998G	-50.39	2.4835G	-46.84	2.48352G	-46.84	14.77319G	-41.09	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	11.03	-18.97	2.14797G	-53.83	2.39986G	-19.48	2.4G	-23.25	2.48956G	-51.91	14.91648G	-41.76	1
2412MHz	Pass	2.43574G	11.03	-18.97	2.0871G	-54.89	2.3989G	-20.68	2.4G	-21.87	2.51502G	-51.80	24.57857G	-41.52	2
2437MHz	Pass	2.43574G	11.03	-18.97	2.30146G	-53.01	2.39986G	-41.03	2.4G	-42.59	2.48538G	-46.92	16.85789G	-41.90	1
2437MHz	Pass	2.43574G	11.03	-18.97	2.15292G	-53.74	2.39976G	-38.82	2.4G	-42.24	2.4851G	-48.04	21.61448G	-42.21	2
2462MHz	Pass	2.43574G	11.03	-18.97	2.18875G	-53.43	2.39784G	-52.63	2.4835G	-45.00	2.48462G	-42.29	23.33393G	-41.41	1
2462MHz	Pass	2.43574G	11.03	-18.97	2.18292G	-54.49	2.39998G	-49.62	2.4835G	-46.21	2.48362G	-44.09	17.44509G	-41.92	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	11.71	-18.29	2.06759G	-54.74	2.39954G	-30.21	2.4G	-33.39	2.48832G	-51.51	21.55548G	-42.11	1
2412MHz	Pass	2.442G	11.71	-18.29	2.07137G	-53.66	2.39984G	-30.93	2.4G	-32.46	2.50834G	-52.30	24.91009G	-41.80	2
2437MHz	Pass	2.442G	11.71	-18.29	2.10982G	-53.60	2.39984G	-38.87	2.4G	-42.35	2.48386G	-46.25	24.65442G	-41.69	1
2437MHz	Pass	2.442G	11.71	-18.29	2.13399G	-54.66	2.39886G	-38.54	2.4G	-39.13	2.48386G	-47.44	24.57014G	-41.66	2
2462MHz	Pass	2.442G	11.71	-18.29	2.30466G	-53.91	2.39966G	-51.29	2.4835G	-47.56	2.48352G	-44.61	21.95724G	-42.14	1
2462MHz	Pass	2.442G	11.71	-18.29	2.12147G	-54.20	2.4G	-49.43	2.4835G	-48.69	2.48382G	-47.23	16.95341G	-41.92	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43453G	5.33	-24.67	2.15884G	-55.19	2.39888G	-29.62	2.4G	-31.45	2.48578G	-48.70	23.19947G	-40.03	1
2422MHz	Pass	2.43453G	5.33	-24.67	2.11104G	-54.32	2.39924G	-30.63	2.4G	-33.27	2.4843G	-49.52	24.86258G	-41.15	2
2437MHz	Pass	2.43198G	6.20	-23.80	2.13308G	-53.97	2.39892G	-29.77	2.4G	-32.37	2.48442G	-36.19	23.21349G	-41.52	1
2437MHz	Pass	2.43198G	6.20	-23.80	2.16743G	-54.12	2.39976G	-29.26	2.4G	-34.61	2.48454G	-38.41	16.65923G	-41.72	2
2452MHz	Pass	2.43453G	5.30	-24.70	2.18231G	-53.56	2.397G	-40.28	2.4835G	-36.89	2.48386G	-32.73	23.2163G	-42.12	1
2452MHz	Pass	2.43453G	5.30	-24.70	2.17487G	-53.62	2.39948G	-43.19	2.4835G	-36.79	2.48422G	-35.31	24.9383G	-41.70	2

802.11b_Nss1,(1Mbps)_2TX

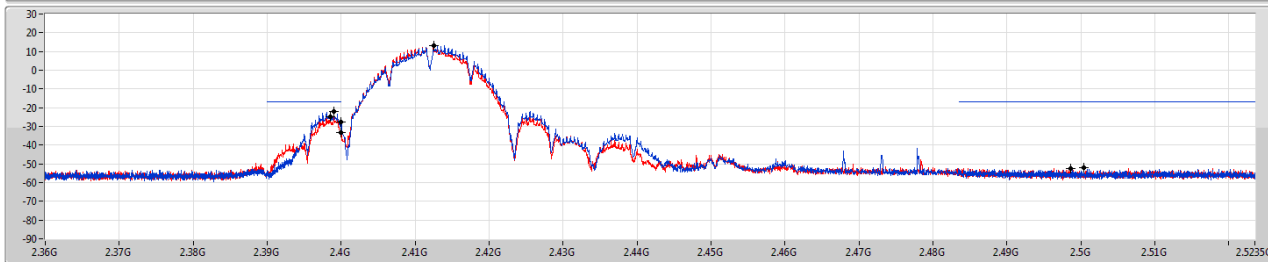
2412MHz

CSENdB

17/05/2021



Port 1
Port 2



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

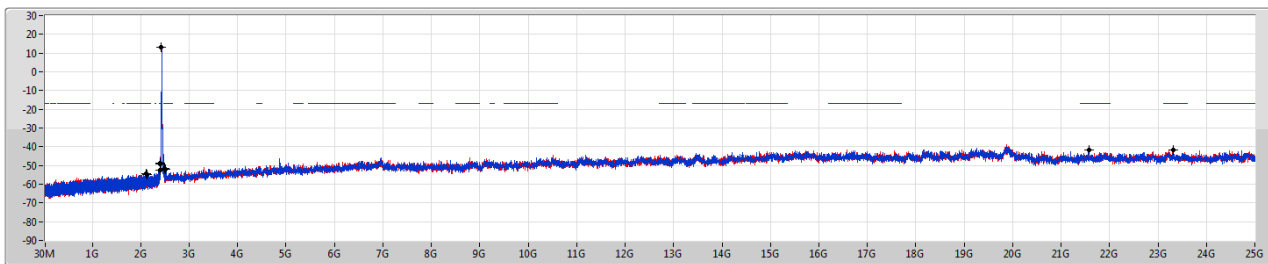
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	13.12	-16.88	2.13108G	-53.86	2.39902G	-22.21	2.4G	-27.68	2.49866G	-52.71	23.25245G	-41.14	1
2.41248G	13.12	-16.88	2.1704G	-53.81	2.3985G	-24.71	2.4G	-33.19	2.5004G	-52.19	16.98151G	-41.41	2

802.11b_Nss1,(1Mbps)_2TX

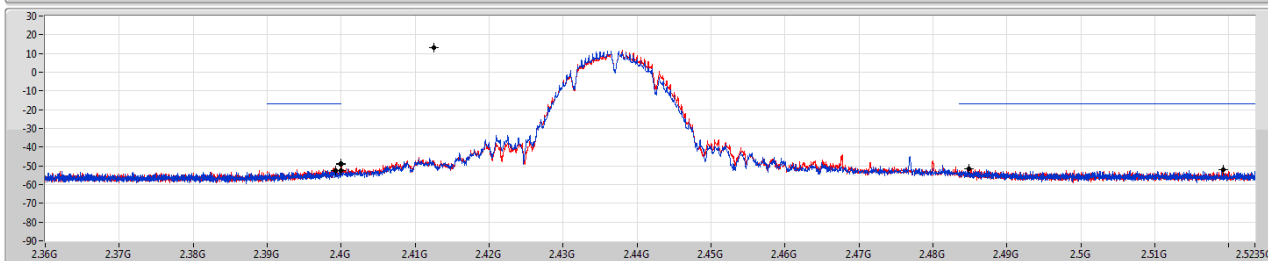
2437MHz

CSENdB

17/05/2021



Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	13.12	-16.88	2.10632G	-54.48	2.39924G	-52.27	2.4G	-52.72	2.48486G	-51.52	23.31145G	-41.90	1
2.41248G	13.12	-16.88	2.13545G	-54.74	2.39998G	-48.94	2.4G	-49.27	2.51926G	-51.92	21.58076G	-41.72	2

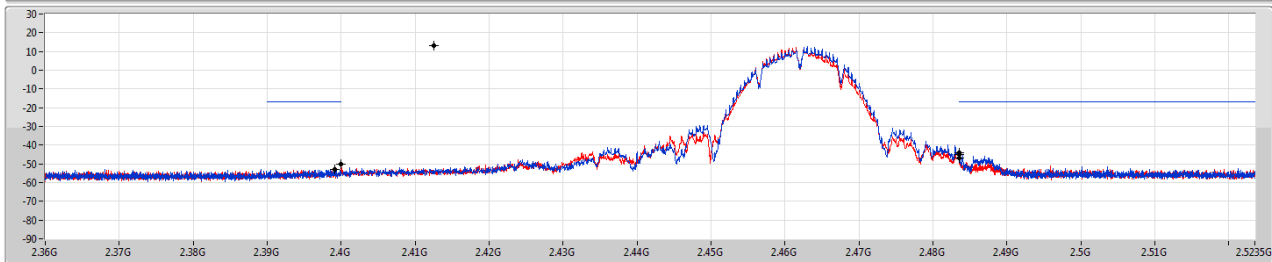
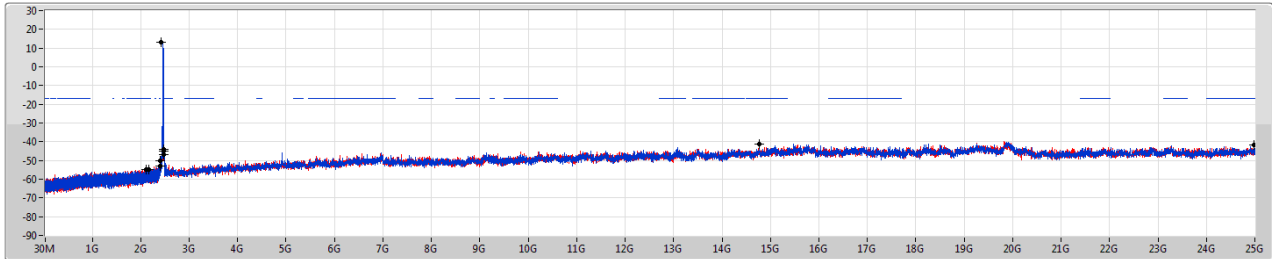
802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	13.12	-16.88	2.10428G	-54.80	2.39908G	-53.07	2.4835G	-44.07	2.4835G	-45.02	2.49752G	-41.62	1
2.41248G	13.12	-16.88	2.17447G	-54.75	2.39998G	-50.39	2.4835G	-46.84	2.48352G	-46.84	2.477319G	-41.09	2

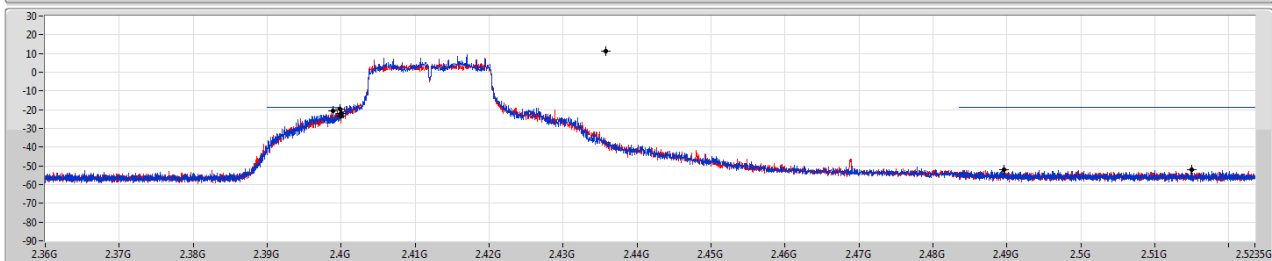
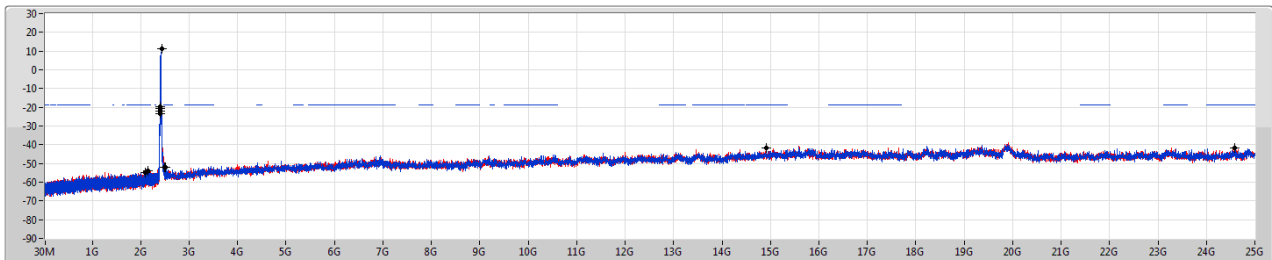
802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	11.03	-18.97	2.14797G	-53.83	2.39986G	-19.48	2.4G	-23.25	2.48956G	-51.91	2.491648G	-41.76	1
2.43574G	11.03	-18.97	2.0871G	-54.89	2.39989G	-20.68	2.4G	-21.87	2.51502G	-51.80	2.457857G	-41.52	2

802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSEndB

17/05/2021

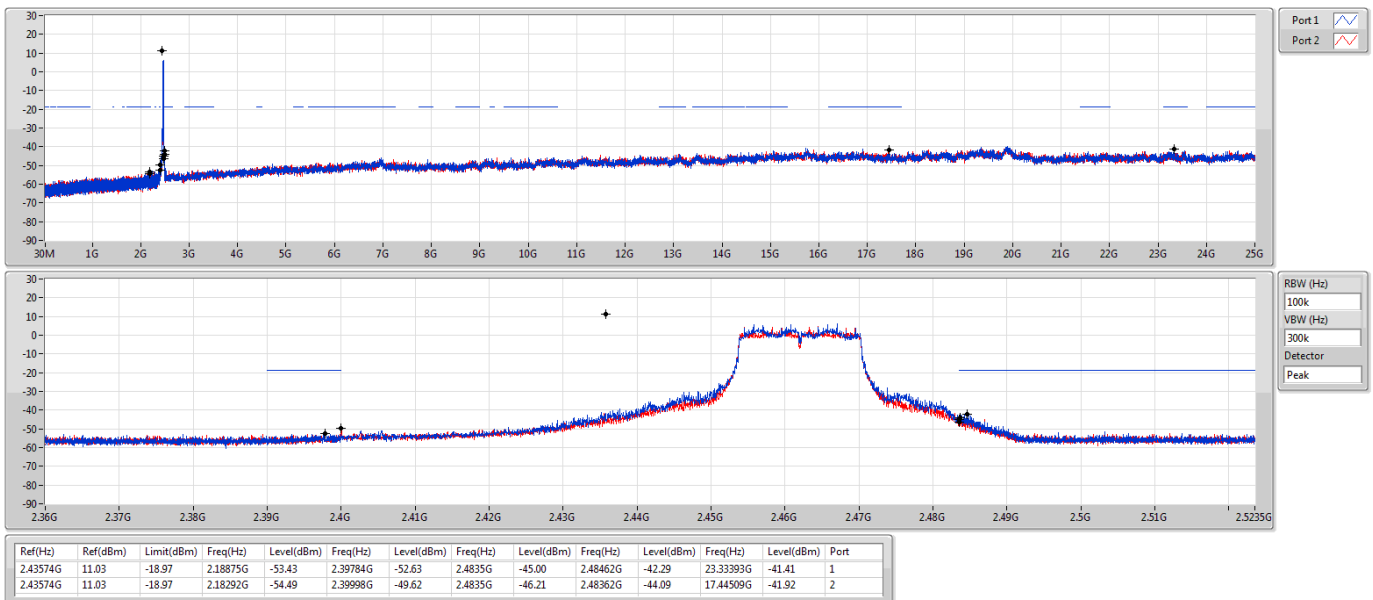


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSEndB

17/05/2021



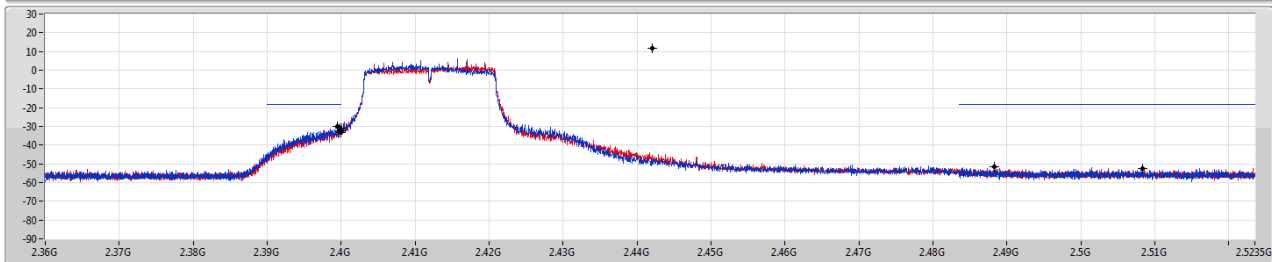
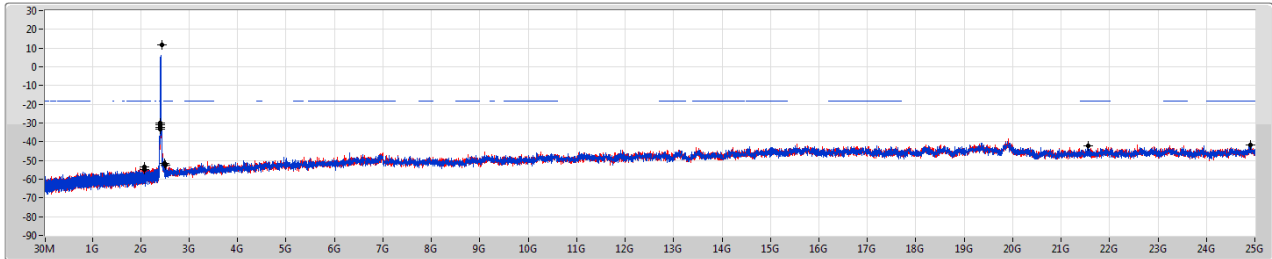
802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	11.71	-18.29	2.06759G	-54.74	2.39954G	-30.21	2.4G	-33.39	2.48832G	-51.51	21.55548G	-42.11	1
2.442G	11.71	-18.29	2.07137G	-53.66	2.39984G	-30.93	2.4G	-32.46	2.50834G	-52.30	24.91009G	-41.80	2

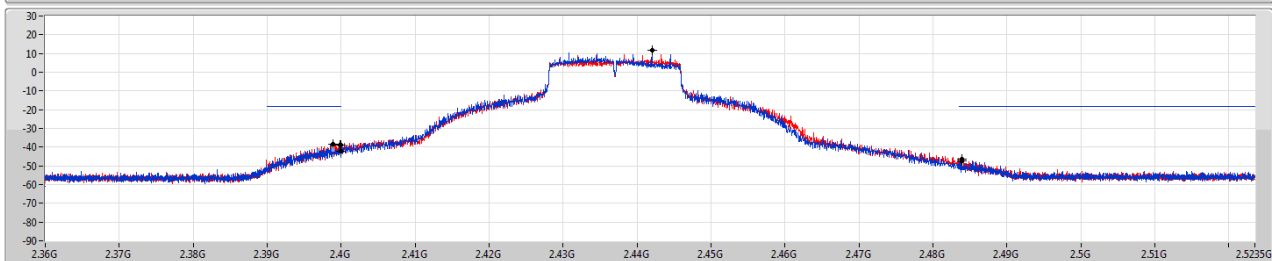
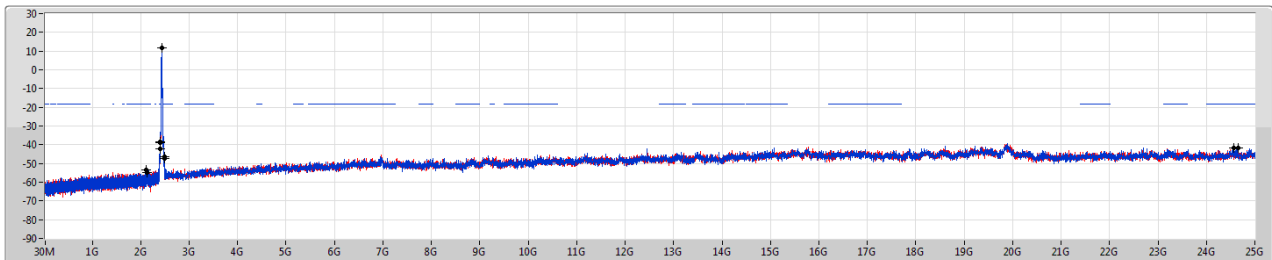
802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	11.71	-18.29	2.10962G	-53.60	2.39984G	-38.87	2.4G	-42.35	2.48386G	-46.25	24.65442G	-41.69	1
2.442G	11.71	-18.29	2.13399G	-54.66	2.39886G	-38.54	2.4G	-39.13	2.48386G	-47.44	24.57014G	-41.66	2

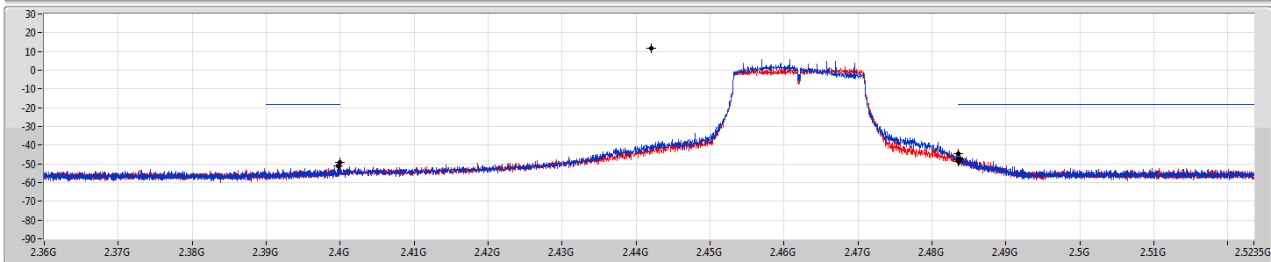
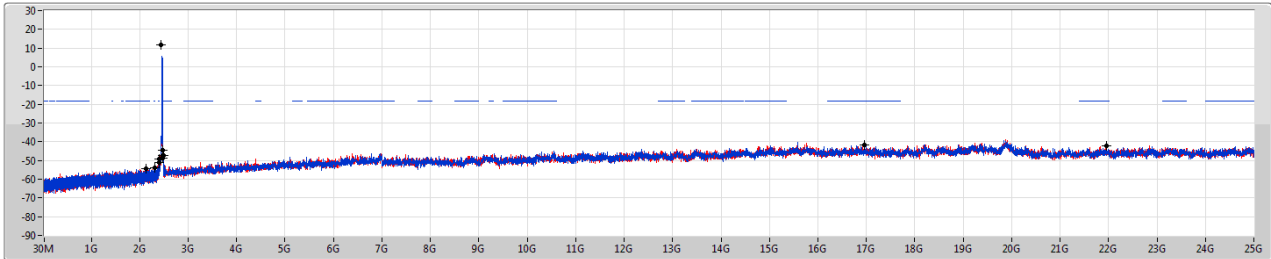
802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	11.71	-18.29	2.30466G	-53.91	2.39966G	-51.29	2.4835G	-47.56	2.48352G	-44.61	2.195724G	-42.14	1
2.442G	11.71	-18.29	2.12147G	-54.20	2.4G	-49.43	2.4835G	-48.69	2.48382G	-47.23	16.95341G	-41.92	2

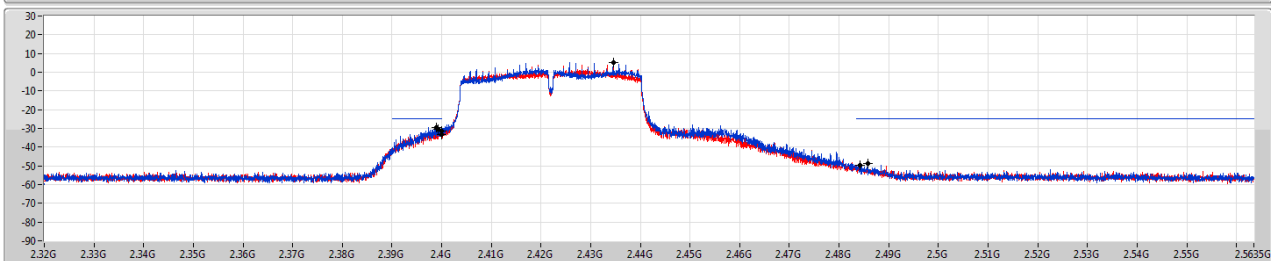
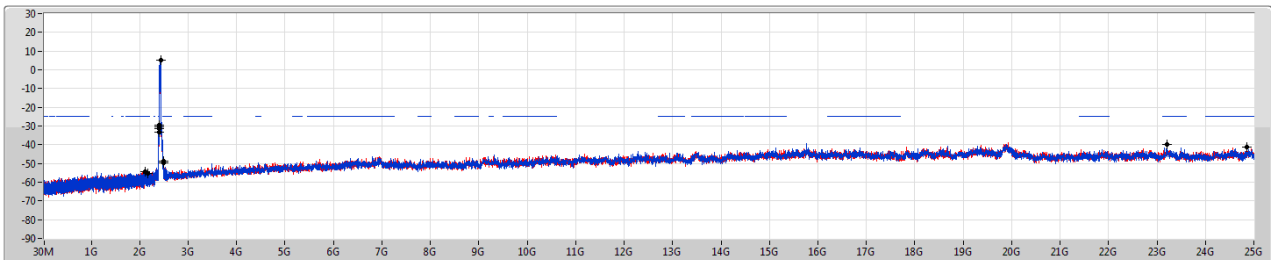
802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	5.33	-24.67	2.15884G	-55.19	2.39886G	-29.62	2.4G	-31.45	2.48578G	-48.70	23.19947G	-40.03	1
2.43453G	5.33	-24.67	2.11104G	-54.32	2.39924G	-30.63	2.4G	-33.27	2.4843G	-49.52	24.86298G	-41.15	2

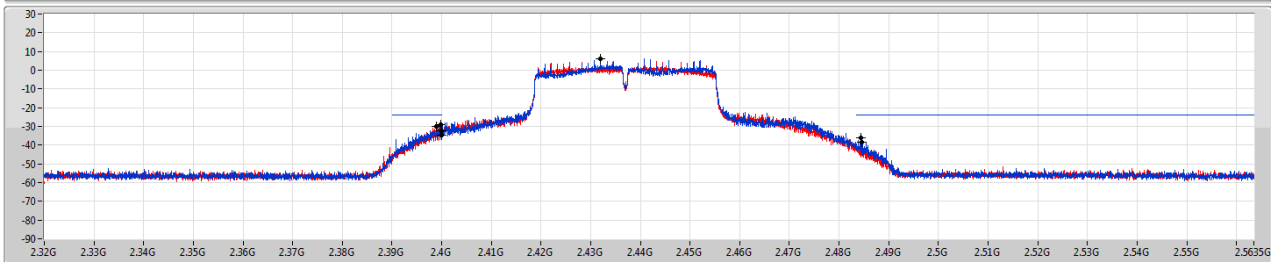
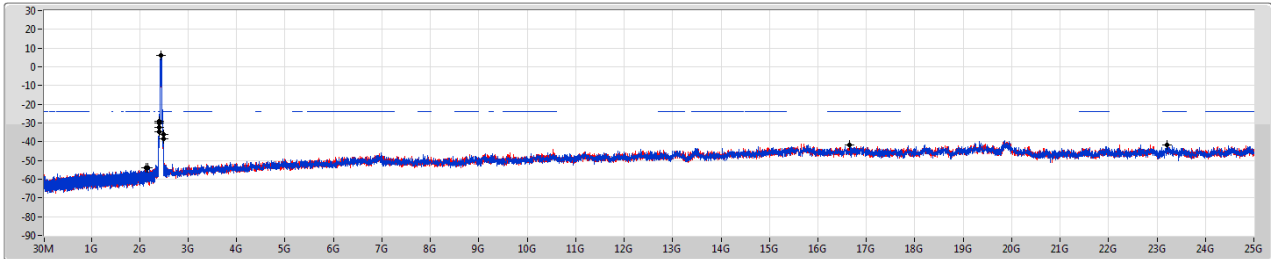
802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	6.20	-23.80	2.13308G	-53.97	2.39892G	-29.77	2.4G	-32.37	2.48442G	-36.19	23.21349G	-41.52	1
2.43198G	6.20	-23.80	2.16743G	-54.12	2.39976G	-29.26	2.4G	-34.61	2.48454G	-38.41	16.65923G	-41.72	2

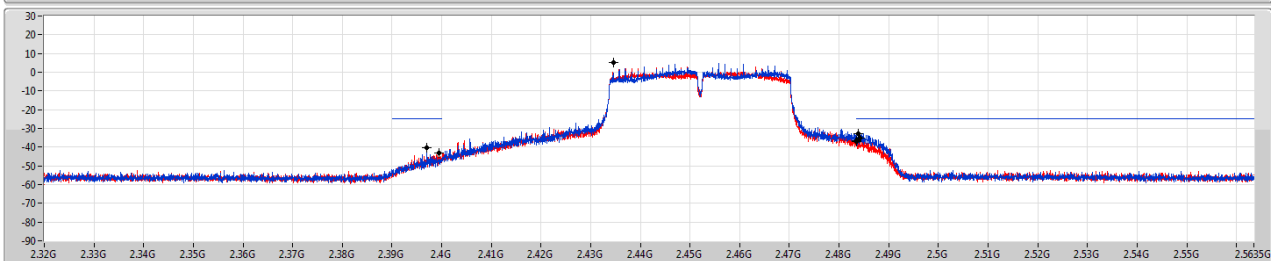
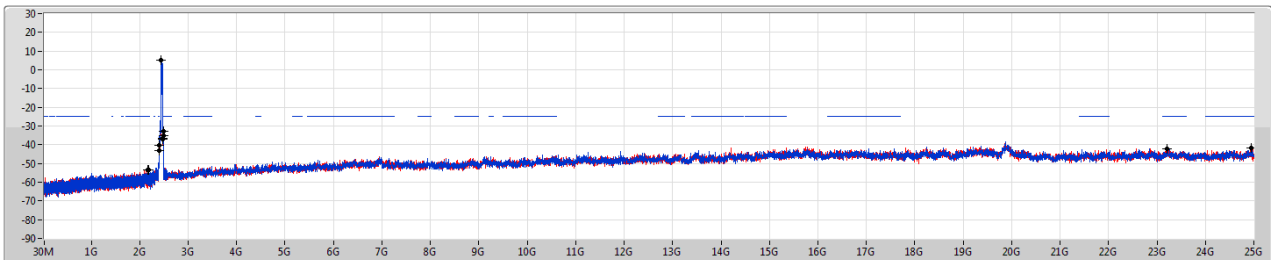
802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

17/05/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43453G	5.30	-24.70	2.18231G	-53.56	2.397G	-40.28	2.4835G	-36.89	2.48386G	-32.73	23.2163G	-42.12	1
2.43453G	5.30	-24.70	2.17487G	-53.62	2.39948G	-43.19	2.4835G	-36.79	2.48422G	-35.31	24.9383G	-41.70	2



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	2.43649G	11.97	-18.03	2.14651G	-53.61	2.39852G	-27.67	2.4G	-36.74	2.50714G	-51.99	23.24402G	-42.17	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	12.95	-17.05	2.07225G	-54.78	2.39758G	-33.45	2.4G	-36.91	2.4836G	-51.72	17.22313G	-42.21	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.44196G	12.05	-17.95	2.10749G	-54.38	2.3995G	-36.41	2.4G	-38.92	2.48518G	-52.18	15.10191G	-41.84	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43073G	3.84	-26.16	2.11819G	-55.33	2.397G	-32.41	2.4G	-35.13	2.4859G	-50.89	16.94249G	-41.34	2

Result

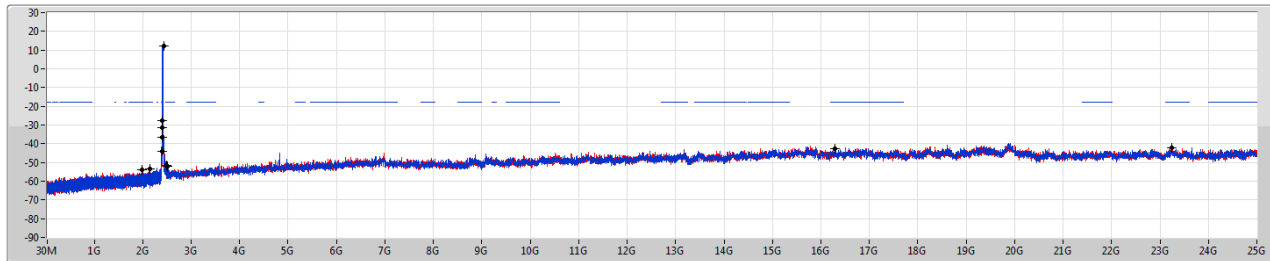
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	11.97	-18.03	1.9907G	-54.08	2.399G	-31.38	2.4G	-44.19	2.48368G	-51.53	16.29036G	-42.50	1
2412MHz	Pass	2.43649G	11.97	-18.03	2.14651G	-53.61	2.39852G	-27.67	2.4G	-36.74	2.50714G	-51.99	23.24402G	-42.17	2
2437MHz	Pass	2.43649G	11.97	-18.03	2.12671G	-54.39	2.39996G	-50.28	2.4G	-50.36	2.48664G	-52.17	23.24121G	-42.15	1
2437MHz	Pass	2.43649G	11.97	-18.03	1.7242G	-48.94	2.39944G	-49.14	2.4G	-49.31	2.49998G	-52.23	23.24121G	-42.10	2
2462MHz	Pass	2.43649G	11.97	-18.03	2.14972G	-53.64	2.4G	-51.12	2.4835G	-46.31	2.48352G	-47.04	16.95622G	-42.14	1
2462MHz	Pass	2.43649G	11.97	-18.03	2.11564G	-53.63	2.39134G	-53.09	2.4835G	-49.74	2.48462G	-47.90	16.55726G	-41.57	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	12.95	-17.05	2.11506G	-54.27	2.39986G	-34.42	2.4G	-36.45	2.48604G	-51.55	24.4409G	-41.52	1
2412MHz	Pass	2.442G	12.95	-17.05	2.07225G	-54.78	2.39758G	-33.45	2.4G	-36.91	2.4836G	-51.72	17.22313G	-42.21	2
2437MHz	Pass	2.442G	12.95	-17.05	2.15438G	-53.01	2.39976G	-38.18	2.4G	-39.66	2.4867G	-46.65	23.51093G	-41.85	1
2437MHz	Pass	2.442G	12.95	-17.05	2.13982G	-54.93	2.397G	-39.42	2.4G	-41.28	2.48474G	-46.45	17.32147G	-41.24	2
2462MHz	Pass	2.442G	12.95	-17.05	1.75857G	-53.79	2.39998G	-49.67	2.4835G	-42.57	2.48386G	-40.82	24.47742G	-42.41	1
2462MHz	Pass	2.442G	12.95	-17.05	2.18146G	-54.66	2.39512G	-52.17	2.4835G	-41.07	2.4835G	-40.81	16.80732G	-40.91	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	12.05	-17.95	2.10749G	-54.38	2.3995G	-36.41	2.4G	-38.92	2.48518G	-52.18	15.10191G	-41.84	1
2412MHz	Pass	2.44196G	12.05	-17.95	2.30554G	-54.02	2.39886G	-36.60	2.4G	-39.17	2.48382G	-52.21	23.30302G	-41.69	2
2437MHz	Pass	2.44196G	12.05	-17.95	1.95342G	-53.35	2.39976G	-37.14	2.4G	-39.98	2.4835G	-44.53	21.84486G	-42.43	1
2437MHz	Pass	2.44196G	12.05	-17.95	1.96536G	-53.99	2.39916G	-38.79	2.4G	-41.60	2.48446G	-47.20	14.94458G	-41.80	2
2462MHz	Pass	2.44196G	12.05	-17.95	2.17884G	-54.13	2.4G	-51.44	2.4835G	-47.55	2.48358G	-45.90	24.92695G	-41.37	1
2462MHz	Pass	2.44196G	12.05	-17.95	2.3G	-53.15	2.39856G	-52.12	2.4835G	-47.54	2.48354G	-44.55	16.90003G	-41.20	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43073G	3.84	-26.16	2.12735G	-54.56	2.3958G	-34.81	2.4G	-36.67	2.48938G	-51.97	21.82804G	-40.89	1
2422MHz	Pass	2.43073G	3.84	-26.16	2.11819G	-55.33	2.397G	-32.41	2.4G	-35.13	2.4859G	-50.89	16.94249G	-41.34	2
2437MHz	Pass	2.43073G	3.84	-26.16	2.08556G	-53.63	2.39828G	-40.69	2.4G	-44.49	2.48362G	-49.88	16.7658G	-42.50	1
2437MHz	Pass	2.43073G	3.84	-26.16	2.1202G	-54.57	2.3982G	-40.64	2.4G	-42.52	2.48446G	-46.89	17.04907G	-41.75	2
2452MHz	Pass	2.43073G	3.84	-26.16	2.15684G	-54.63	2.4G	-49.77	2.4G	-49.60	2.48526G	-48.31	16.38999G	-41.56	1
2452MHz	Pass	2.43073G	3.84	-26.16	1.95961G	-53.98	2.39856G	-50.68	2.4835G	-49.32	2.48386G	-47.03	23.19667G	-41.86	2

802.11b_Nss1,(1Mbps)_2TX

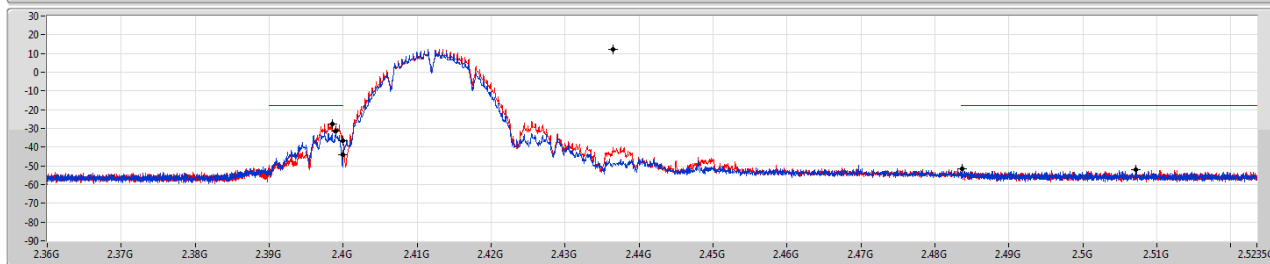
2412MHz

CSENdB

18/06/2021



Port 1
Port 2



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

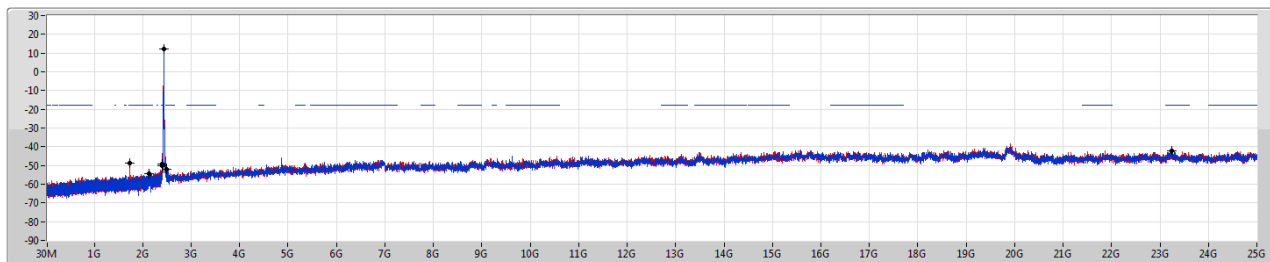
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	11.97	-18.03	1.9907G	-54.08	2.399G	-31.38	2.4G	-44.19	2.48368G	-51.53	16.29036G	-42.50	1
2.43649G	11.97	-18.03	2.14651G	-53.61	2.39852G	-27.67	2.4G	-36.74	2.50714G	-51.99	23.24402G	-42.17	2

802.11b_Nss1,(1Mbps)_2TX

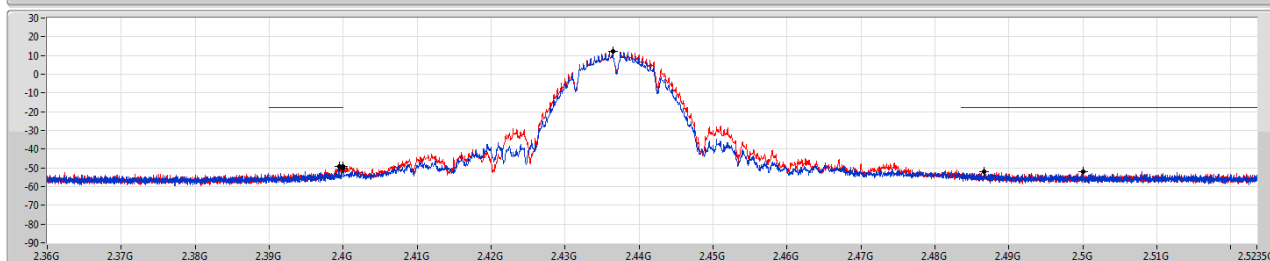
2437MHz

CSENdB

18/06/2021



Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	11.97	-18.03	2.12671G	-54.39	2.39996G	-50.28	2.4G	-50.36	2.48664G	-52.17	23.24121G	-42.15	1
2.43649G	11.97	-18.03	1.7242G	-48.94	2.39944G	-49.14	2.4G	-49.31	2.49998G	-52.23	23.24121G	-42.10	2

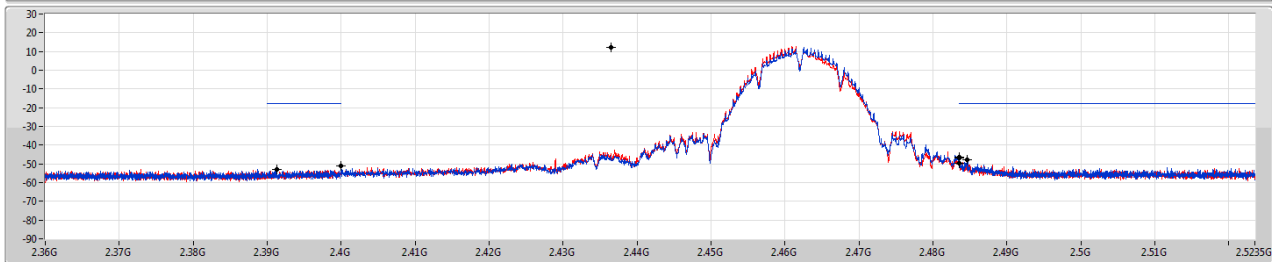
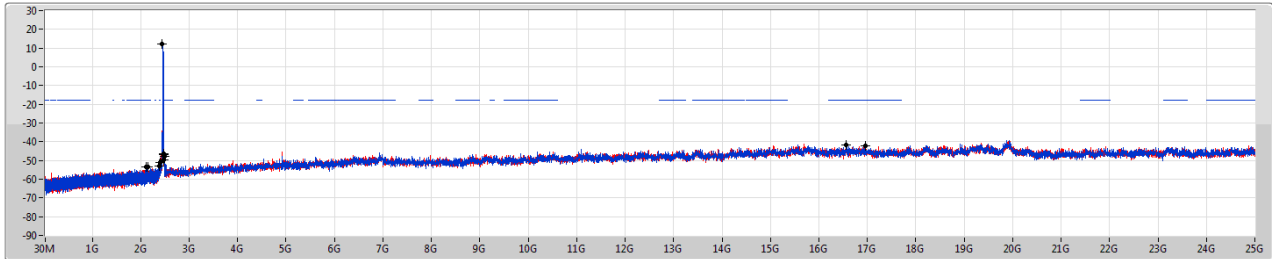
802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

18/06/2021

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	11.97	-18.03	2.14972G	-53.64	2.4G	-51.12	2.4835G	-46.31	2.48352G	-47.04	16.95622G	-42.14	1
2.43649G	11.97	-18.03	2.11564G	-53.63	2.39134G	-53.09	2.4835G	-49.74	2.48462G	-47.90	16.55726G	-41.57	2

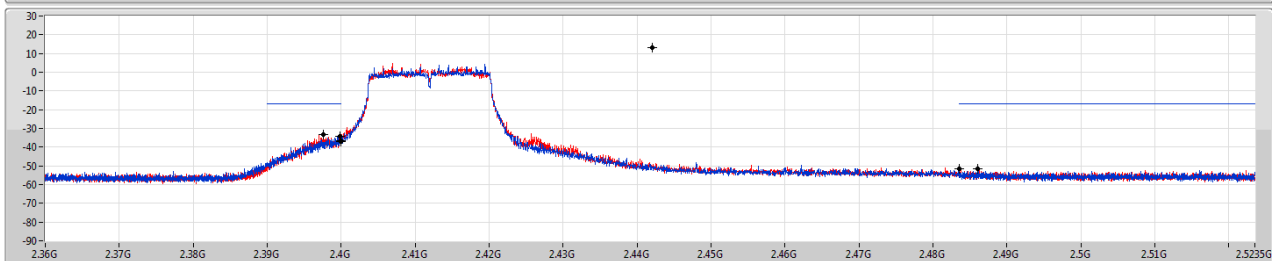
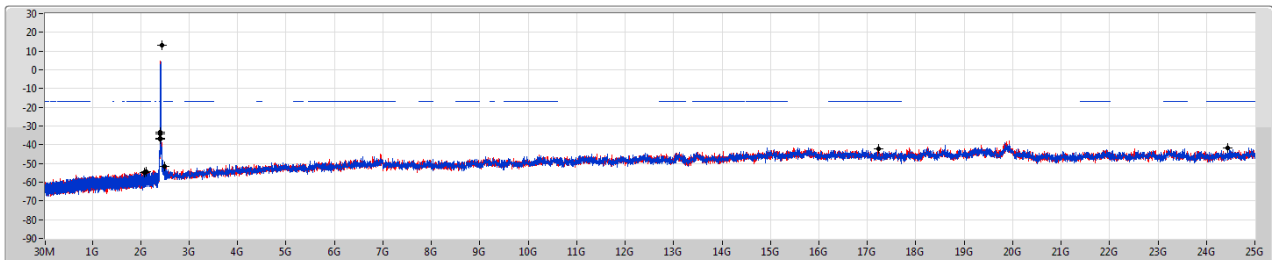
802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

18/06/2021

Port 1
Port 2



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

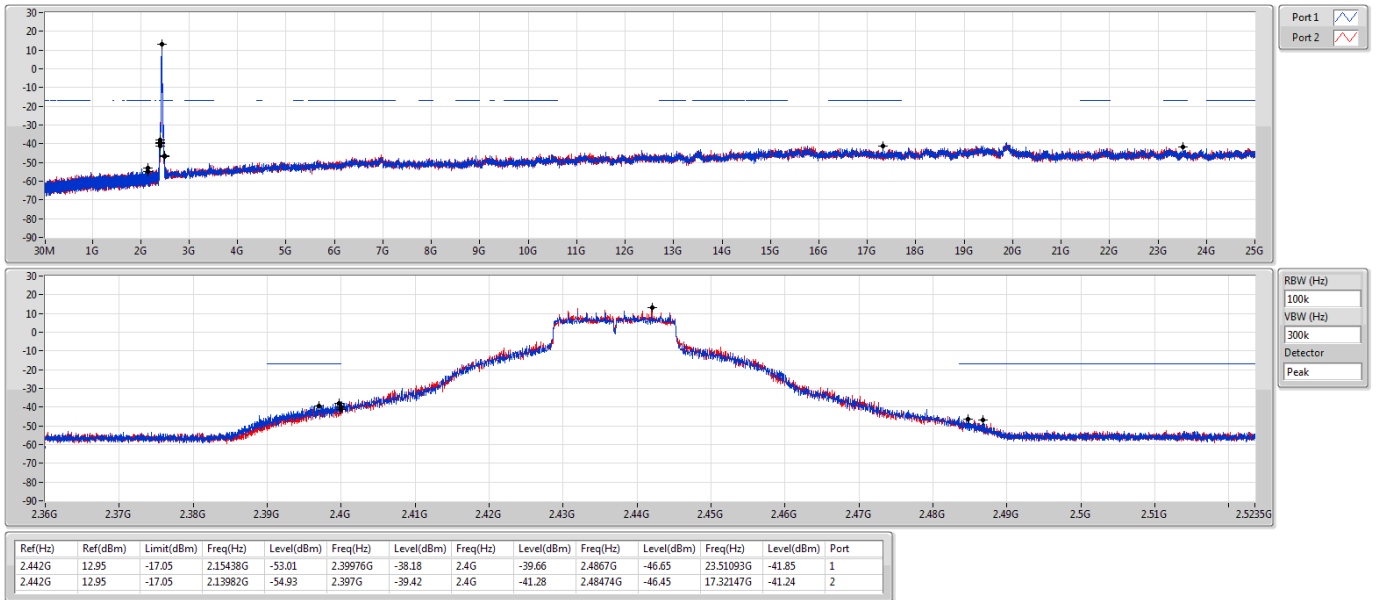
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	12.95	-17.05	2.11506G	-54.27	2.39986G	-34.42	2.4G	-36.45	2.48604G	-51.55	24.4409G	-41.52	1
2.442G	12.95	-17.05	2.07225G	-54.78	2.39758G	-33.45	2.4G	-36.91	2.4836G	-51.72	17.22313G	-42.21	2

802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

18/06/2021

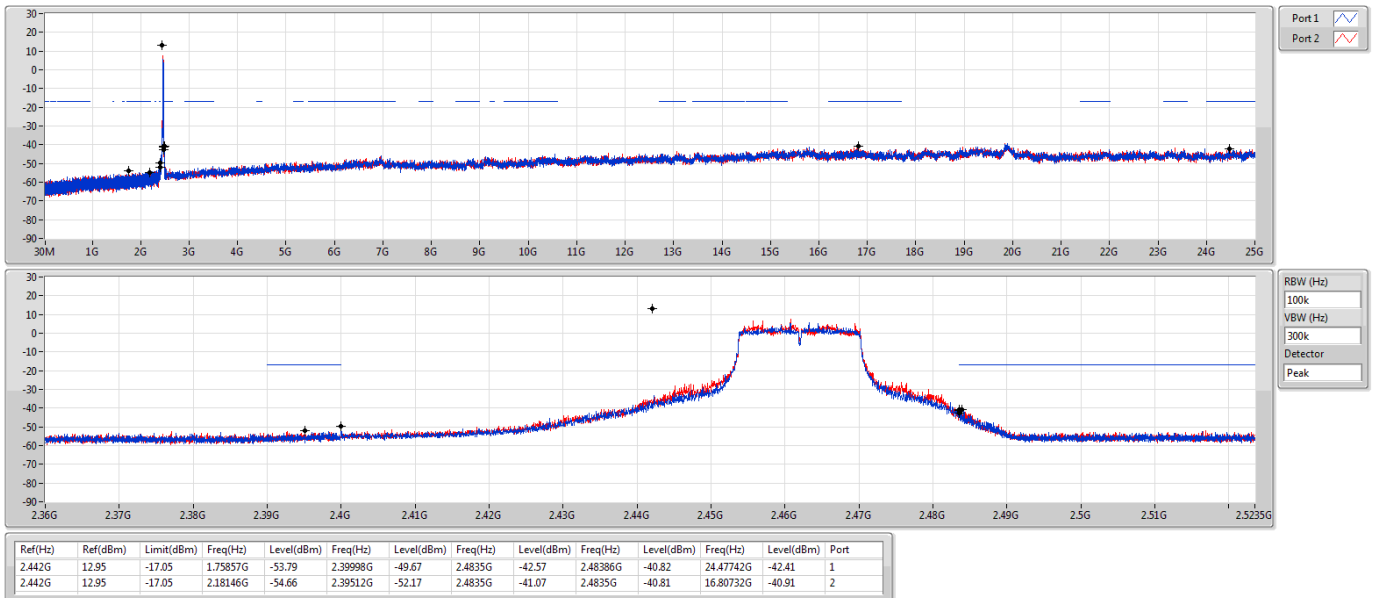


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

18/06/2021

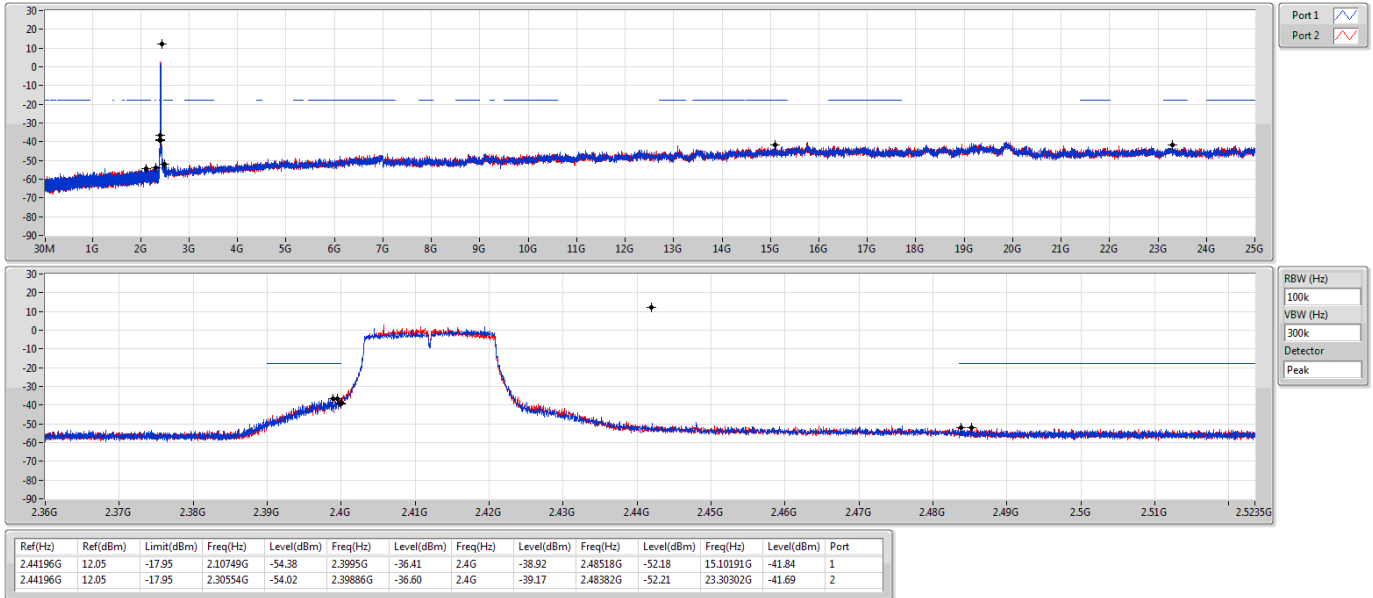


802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

CSENdB

18/06/2021

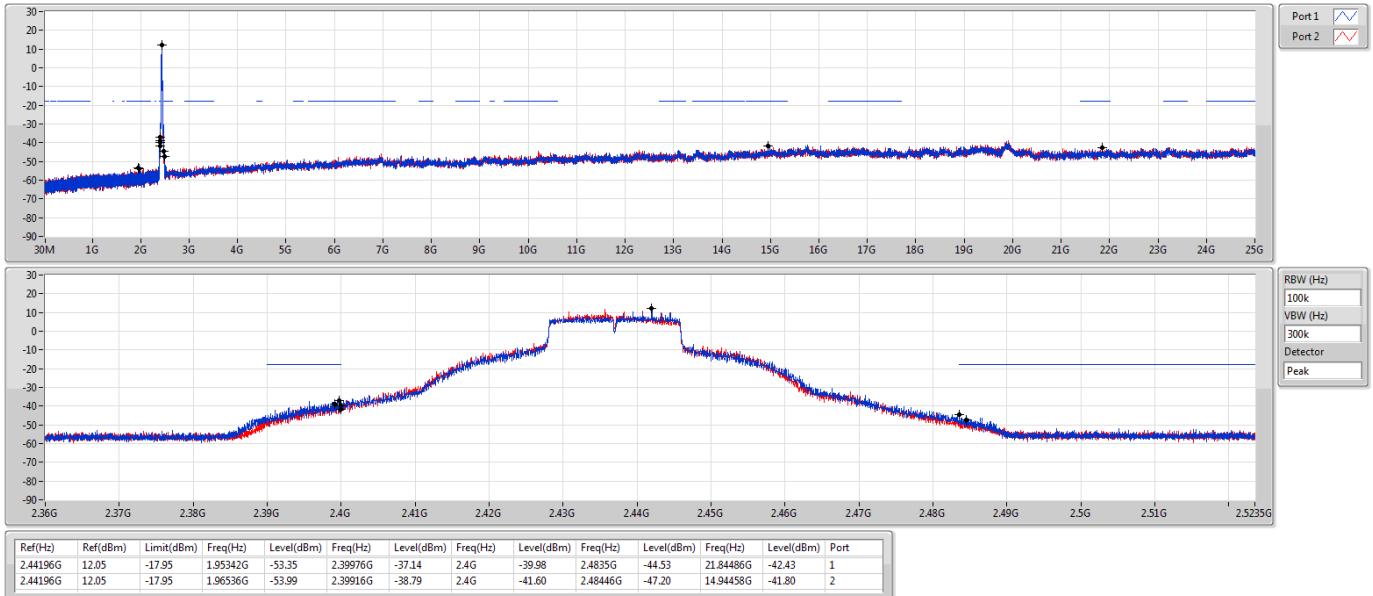


802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

18/06/2021

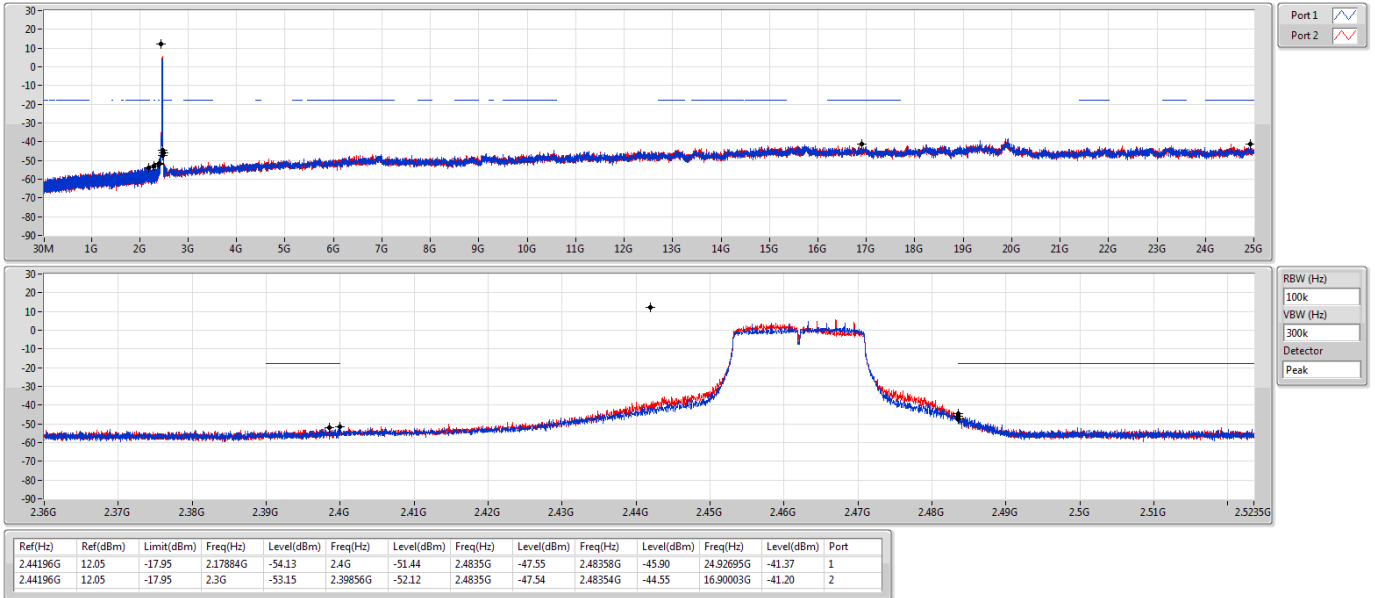


802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

18/06/2021

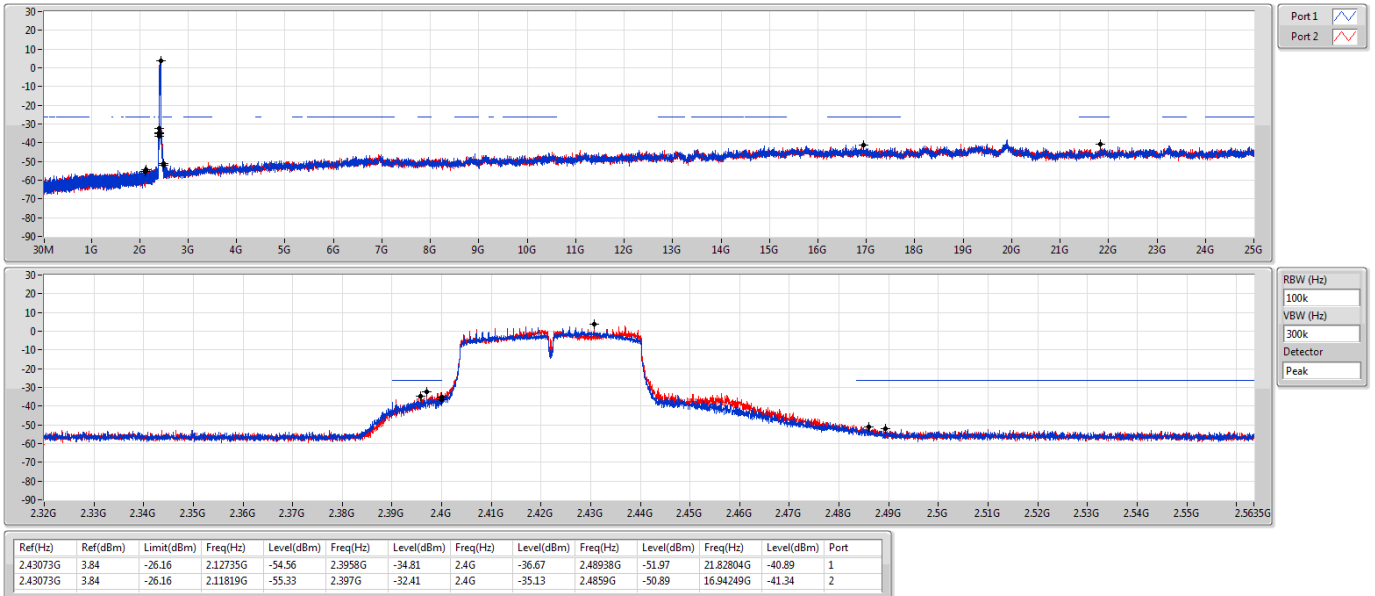


802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

18/06/2021

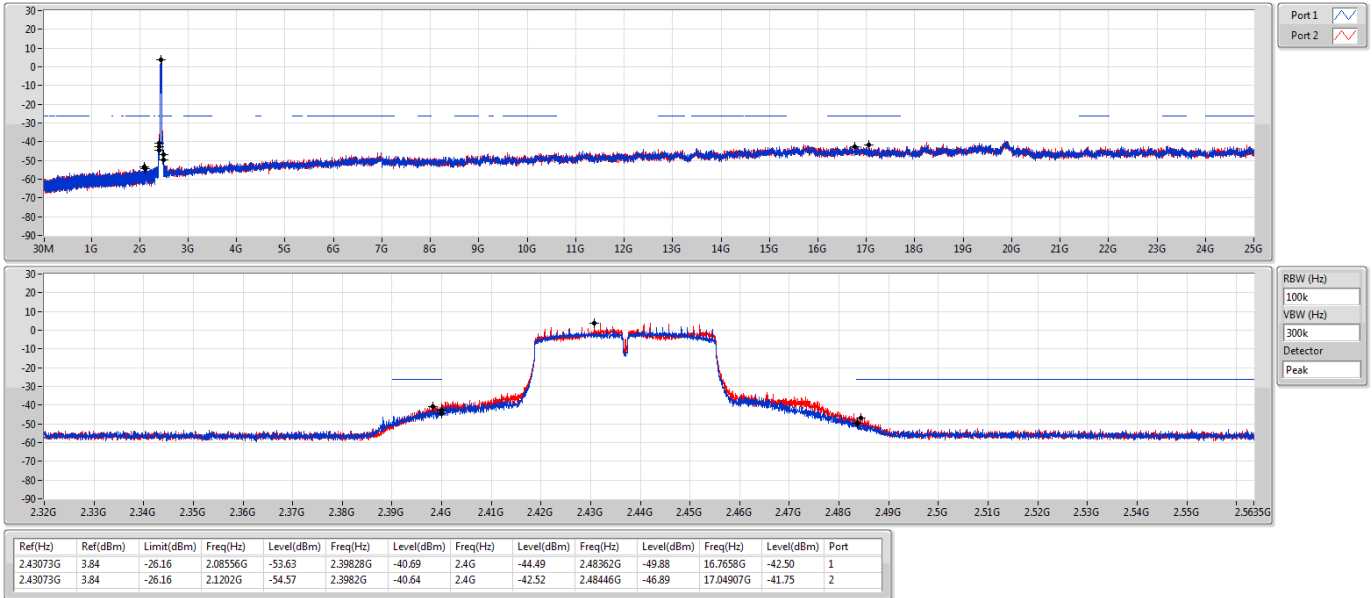


802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

18/06/2021

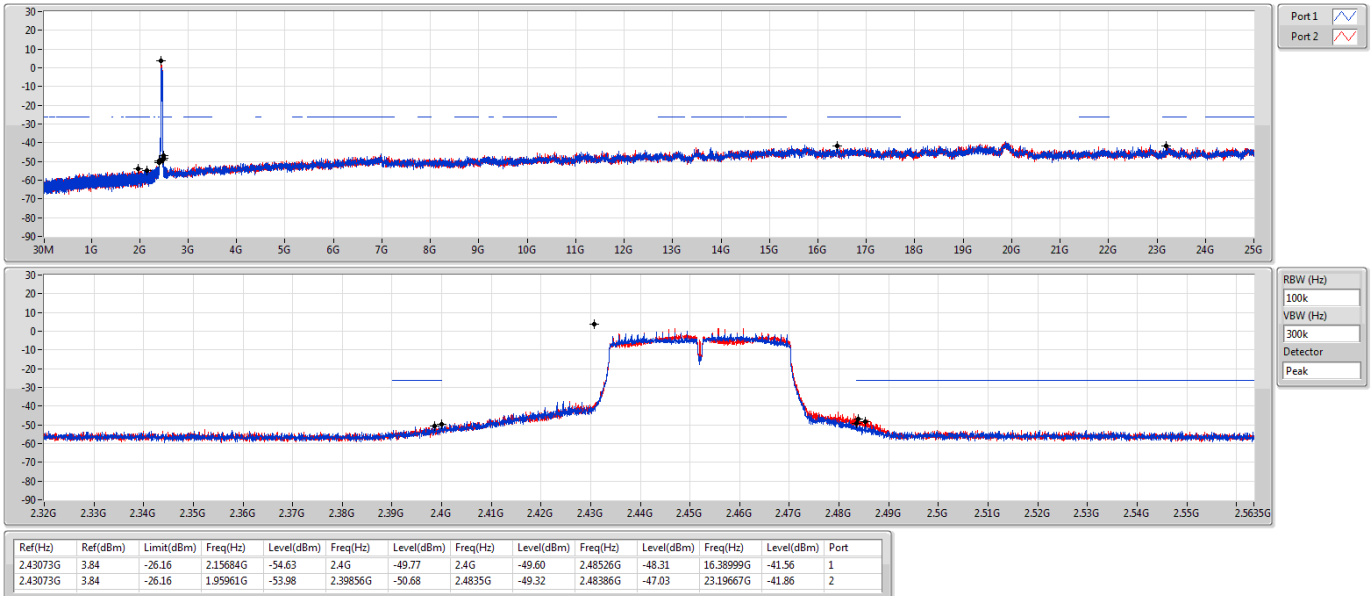


802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

18/06/2021





Summary

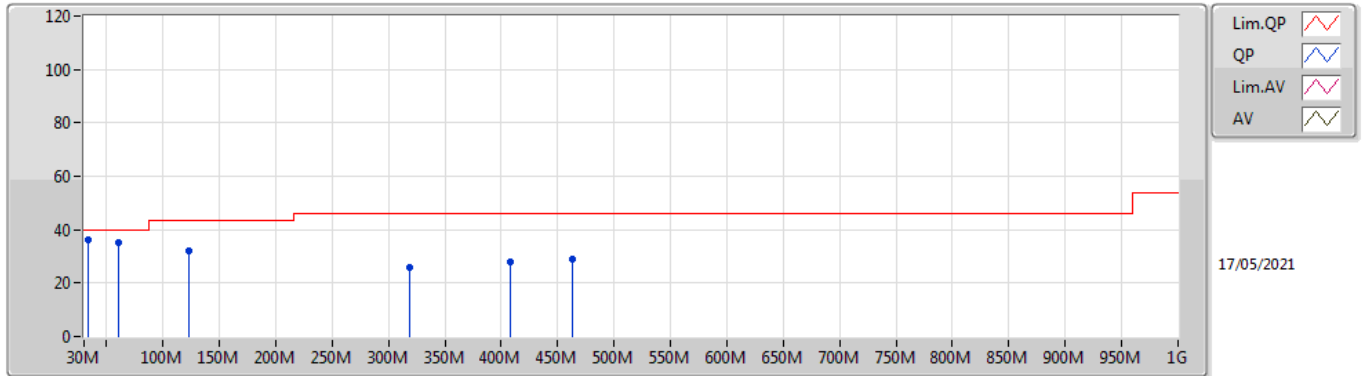
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	33.88M	36.09	40.00	-3.91	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	33.88M	36.09	40.00	-3.91	3	Vertical	0	1.00	-
2437MHz	Pass	PK	61.04M	35.07	40.00	-4.93	3	Vertical	0	1.00	-
2437MHz	Pass	PK	123.12M	32.00	43.50	-11.50	3	Vertical	0	1.00	-
2437MHz	Pass	PK	319.06M	25.86	46.00	-20.14	3	Vertical	0	1.00	-
2437MHz	Pass	PK	408.3M	27.89	46.00	-18.11	3	Vertical	0	1.00	-
2437MHz	Pass	PK	462.62M	29.11	46.00	-16.89	3	Vertical	0	1.00	-
2437MHz	Pass	PK	30M	33.55	40.00	-6.45	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	62.98M	30.07	40.00	-9.93	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	127M	25.55	43.50	-17.95	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	313.24M	28.74	46.00	-17.26	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	396.66M	27.32	46.00	-18.68	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	462.62M	30.49	46.00	-15.51	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	33.88M	34.16	40.00	-5.84	3	Vertical	0	1.00	-
2437MHz	Pass	PK	49.4M	30.94	40.00	-9.06	3	Vertical	0	1.00	-
2437MHz	Pass	PK	173.56M	26.52	43.50	-16.98	3	Vertical	0	1.00	-
2437MHz	Pass	PK	305.48M	27.52	46.00	-18.48	3	Vertical	0	1.00	-
2437MHz	Pass	PK	414.12M	28.45	46.00	-17.55	3	Vertical	0	1.00	-
2437MHz	Pass	PK	540.22M	30.85	46.00	-15.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	30M	33.46	40.00	-6.54	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	90.14M	32.89	43.50	-10.61	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	150.28M	28.99	43.50	-14.51	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	317.12M	30.31	46.00	-15.69	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	383.08M	29.58	46.00	-16.42	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	625.58M	31.30	46.00	-14.70	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

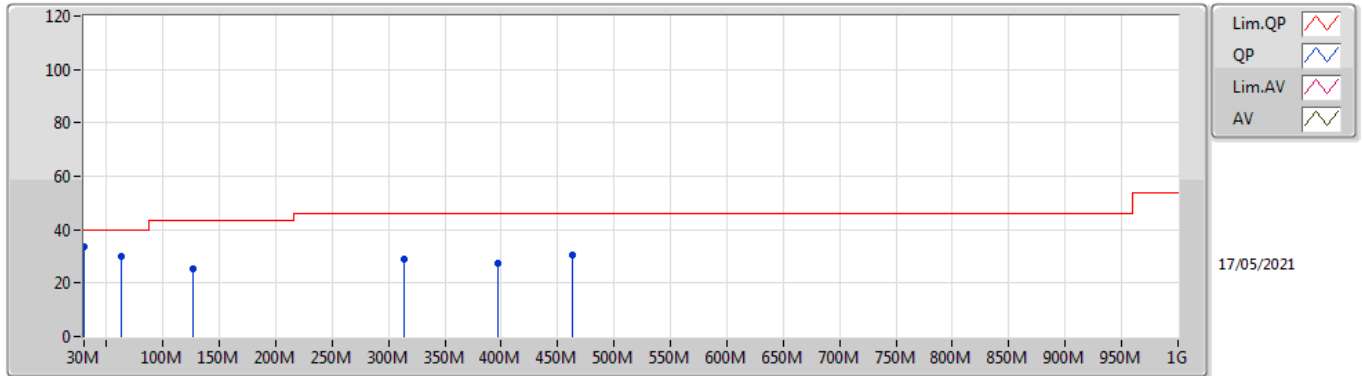
2437MHz_Adapter



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	33.88M	36.09	40.00	-3.91	-4.80	3	Vertical	0	1.00	-	40.89	21.26	0.90	26.96
PK	61.04M	35.07	40.00	-4.93	-15.10	3	Vertical	0	1.00	-	50.17	11.54	1.15	27.79
PK	123.12M	32.00	43.50	-11.50	-8.75	3	Vertical	0	1.00	-	40.75	17.39	1.56	27.70
PK	319.06M	25.86	46.00	-20.14	-5.91	3	Vertical	0	1.00	-	31.77	18.81	2.43	27.15
PK	408.3M	27.89	46.00	-18.11	-3.50	3	Vertical	0	1.00	-	31.39	21.52	2.77	27.79
PK	462.62M	29.11	46.00	-16.89	-2.78	3	Vertical	0	1.00	-	31.89	22.39	2.95	28.12

802.11n HT40_Nss1,(MCS0)_2TX

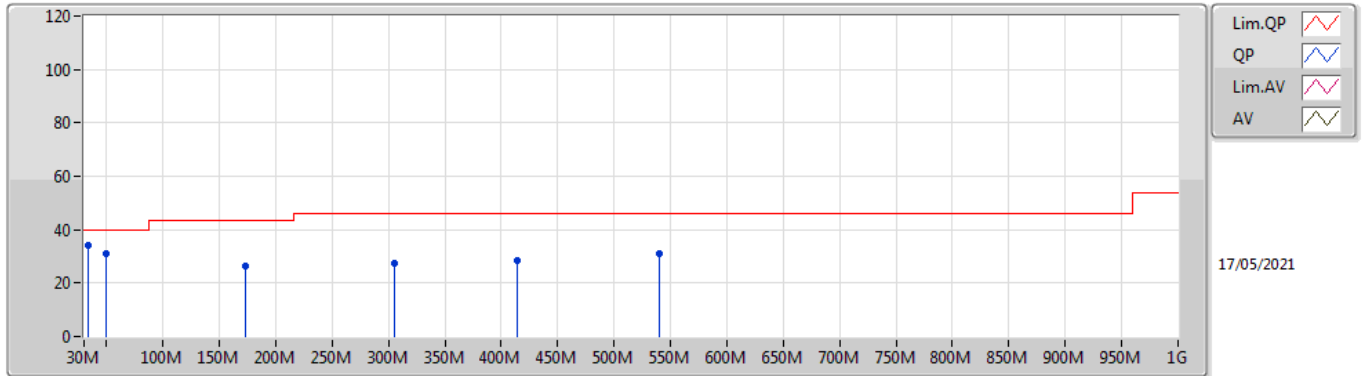
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	33.55	40.00	-6.45	-3.03	3	Horizontal	360	1.00	-	36.58	23.32	0.86	27.21
PK	62.98M	30.07	40.00	-9.93	-15.03	3	Horizontal	360	1.00	-	45.10	11.61	1.16	27.80
PK	127M	25.55	43.50	-17.95	-8.82	3	Horizontal	360	1.00	-	34.37	17.29	1.57	27.68
PK	313.24M	28.74	46.00	-17.26	-5.93	3	Horizontal	360	1.00	-	34.67	18.77	2.41	27.11
PK	396.66M	27.32	46.00	-18.68	-4.09	3	Horizontal	360	1.00	-	31.41	20.88	2.73	27.70
PK	462.62M	30.49	46.00	-15.51	-2.78	3	Horizontal	360	1.00	-	33.27	22.39	2.95	28.12

802.11n HT40_Nss1,(MCS0)_2TX

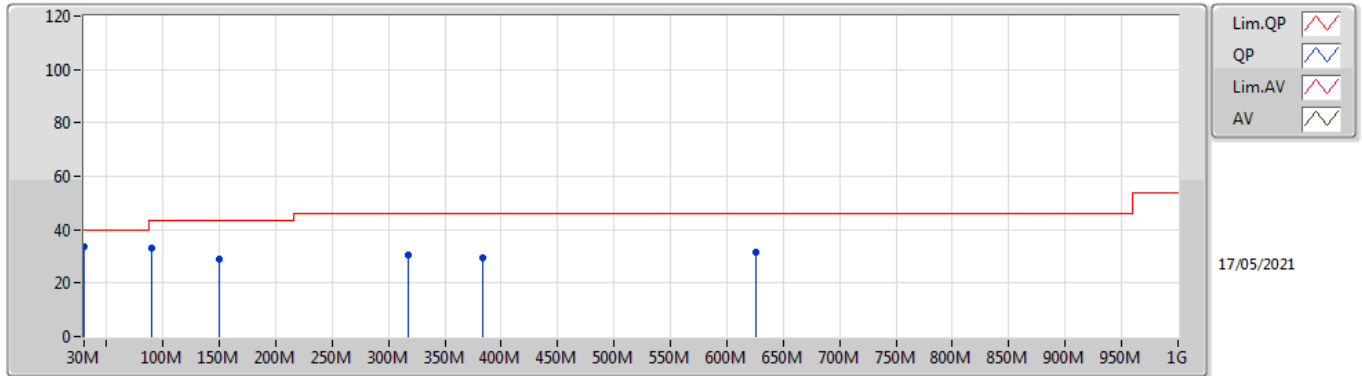
2437MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	34.16	40.00	-5.84	-4.80	3	Vertical	0	1.00	-	38.96	21.26	0.90	26.96
PK	49.4M	30.94	40.00	-9.06	-13.23	3	Vertical	0	1.00	-	44.17	13.40	1.06	27.69
PK	173.56M	26.52	43.50	-16.98	-10.91	3	Vertical	0	1.00	-	37.43	14.73	1.83	27.47
PK	305.48M	27.52	46.00	-18.48	-6.08	3	Vertical	0	1.00	-	33.60	18.61	2.38	27.07
PK	414.12M	28.45	46.00	-17.55	-3.25	3	Vertical	0	1.00	-	31.70	21.79	2.79	27.83
PK	540.22M	30.85	46.00	-15.15	-1.90	3	Vertical	0	1.00	-	32.75	23.27	3.17	28.34

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	33.46	40.00	-6.54	-3.03	3	Horizontal	360	1.00	-	36.49	23.32	0.86	27.21
PK	90.14M	32.89	43.50	-10.61	-12.37	3	Horizontal	360	1.00	-	45.26	14.08	1.35	27.80
PK	150.28M	28.99	43.50	-14.51	-10.27	3	Horizontal	360	1.00	-	39.26	15.60	1.71	27.58
PK	317.12M	30.31	46.00	-15.69	-5.91	3	Horizontal	360	1.00	-	36.22	18.80	2.43	27.14
PK	383.08M	29.58	46.00	-16.42	-4.63	3	Horizontal	360	1.00	-	34.21	20.28	2.68	27.59
PK	625.58M	31.30	46.00	-14.70	-0.55	3	Horizontal	360	1.00	-	31.85	24.34	3.41	28.30



Summary

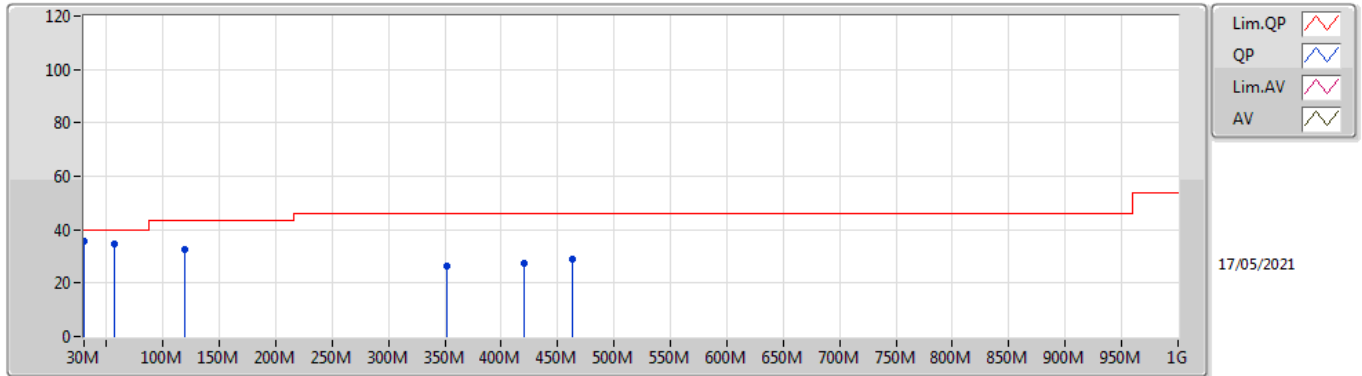
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	30M	35.61	40.00	-4.39	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	35.61	40.00	-4.39	3	Vertical	360	1.00	-
2437MHz	Pass	PK	57.16M	34.55	40.00	-5.45	3	Vertical	360	1.00	-
2437MHz	Pass	PK	119.24M	32.35	43.50	-11.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	352.04M	26.38	46.00	-19.62	3	Vertical	360	1.00	-
2437MHz	Pass	PK	419.94M	27.50	46.00	-18.50	3	Vertical	360	1.00	-
2437MHz	Pass	PK	462.62M	28.76	46.00	-17.24	3	Vertical	360	1.00	-
2437MHz	Pass	PK	30M	30.62	40.00	-9.38	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	59.1M	27.87	40.00	-12.13	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	123.12M	27.52	43.50	-15.98	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	319.06M	26.32	46.00	-19.68	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	383.08M	26.88	46.00	-19.12	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	449.04M	28.19	46.00	-17.81	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	30M	34.59	40.00	-5.41	3	Vertical	0	1.00	-
2437MHz	Pass	PK	53.28M	32.49	40.00	-7.51	3	Vertical	0	1.00	-
2437MHz	Pass	PK	249.22M	30.41	46.00	-15.59	3	Vertical	0	1.00	-
2437MHz	Pass	PK	328.76M	28.09	46.00	-17.91	3	Vertical	0	1.00	-
2437MHz	Pass	PK	404.42M	29.90	46.00	-16.10	3	Vertical	0	1.00	-
2437MHz	Pass	PK	697.36M	38.51	46.00	-7.49	3	Vertical	0	1.00	-
2437MHz	Pass	PK	47.46M	31.41	40.00	-8.59	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	115.36M	35.10	43.50	-8.40	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	229.82M	36.21	46.00	-9.79	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	330.7M	34.32	46.00	-11.68	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	392.78M	34.74	46.00	-11.26	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	621.7M	31.55	46.00	-14.45	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

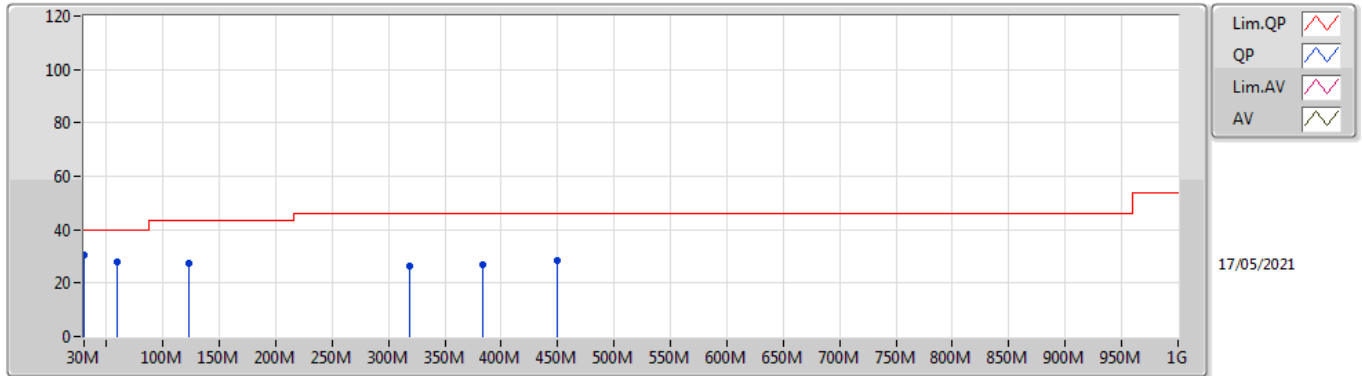
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	35.61	40.00	-4.39	-3.03	3	Vertical	360	1.00	-	38.64	23.32	0.86	27.21
PK	57.16M	34.55	40.00	-5.45	-14.83	3	Vertical	360	1.00	-	49.38	11.84	1.12	27.79
PK	119.24M	32.35	43.50	-11.15	-8.76	3	Vertical	360	1.00	-	41.11	17.41	1.54	27.71
PK	352.04M	26.38	46.00	-19.62	-5.13	3	Vertical	360	1.00	-	31.51	19.65	2.56	27.34
PK	419.94M	27.50	46.00	-18.50	-3.14	3	Vertical	360	1.00	-	30.64	21.93	2.80	27.87
PK	462.62M	28.76	46.00	-17.24	-2.78	3	Vertical	360	1.00	-	31.54	22.39	2.95	28.12

802.11n HT40_Nss1,(MCS0)_2TX

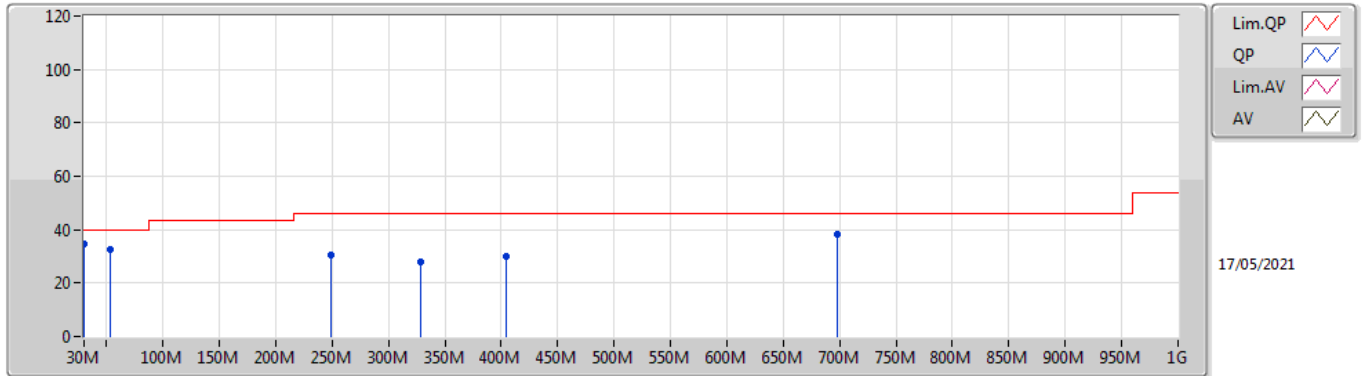
2437MHz_Adapter



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	30M	30.62	40.00	-9.38	-3.03	3	Horizontal	0	1.00	-	33.65	23.32	0.86	27.21
PK	59.1M	27.87	40.00	-12.13	-14.99	3	Horizontal	0	1.00	-	42.86	11.67	1.13	27.79
PK	123.12M	27.52	43.50	-15.98	-8.75	3	Horizontal	0	1.00	-	36.27	17.39	1.56	27.70
PK	319.06M	26.32	46.00	-19.68	-5.91	3	Horizontal	0	1.00	-	32.23	18.81	2.43	27.15
PK	383.08M	26.88	46.00	-19.12	-4.63	3	Horizontal	0	1.00	-	31.51	20.28	2.68	27.59
PK	449.04M	28.19	46.00	-17.81	-3.13	3	Horizontal	0	1.00	-	31.32	22.03	2.90	28.06

802.11n HT40_Nss1,(MCS0)_2TX

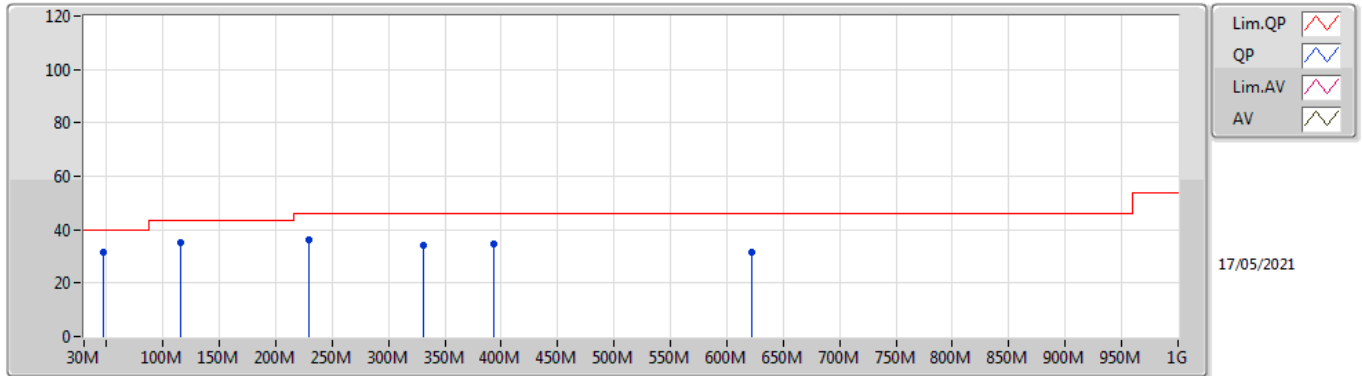
2437MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	34.59	40.00	-5.41	-3.03	3	Vertical	0	1.00	-	37.62	23.32	0.86	27.21
PK	53.28M	32.49	40.00	-7.51	-14.51	3	Vertical	0	1.00	-	47.00	12.16	1.09	27.76
PK	249.22M	30.41	46.00	-15.59	-7.45	3	Vertical	0	1.00	-	37.86	17.45	2.15	27.05
PK	328.76M	28.09	46.00	-17.91	-5.90	3	Vertical	0	1.00	-	33.99	18.83	2.47	27.20
PK	404.42M	29.90	46.00	-16.10	-3.73	3	Vertical	0	1.00	-	33.63	21.28	2.75	27.76
PK	697.36M	38.51	46.00	-7.49	-0.37	3	Vertical	0	1.00	-	38.88	24.16	3.59	28.12

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE



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	47.46M	31.41	40.00	-8.59	-12.56	3	Horizontal	360	1.00	-	43.97	14.05	1.04	27.65
PK	115.36M	35.10	43.50	-8.40	-8.78	3	Horizontal	360	1.00	-	43.88	17.43	1.51	27.72
PK	229.82M	36.21	46.00	-9.79	-9.80	3	Horizontal	360	1.00	-	46.01	15.28	2.07	27.15
PK	330.7M	34.32	46.00	-11.68	-5.87	3	Horizontal	360	1.00	-	40.19	18.86	2.48	27.21
PK	392.78M	34.74	46.00	-11.26	-4.27	3	Horizontal	360	1.00	-	39.01	20.69	2.71	27.67
PK	621.7M	31.55	46.00	-14.45	-0.62	3	Horizontal	360	1.00	-	32.17	24.28	3.40	28.30

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.87396G	51.67	54.00	-2.33	3	Vertical	131	2.79	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.82	54.00	-1.18	3	Vertical	288	2.88	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	52.60	54.00	-1.40	3	Vertical	280	2.69	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Vertical	280	2.68	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	48.49	54.00	-5.51	3	Vertical	108	2.71	-
2412MHz	Pass	AV	2.4112G	108.99	Inf	-Inf	3	Vertical	108	2.71	-
2412MHz	Pass	PK	2.3894G	59.44	74.00	-14.56	3	Vertical	108	2.71	-
2412MHz	Pass	PK	2.411G	113.06	Inf	-Inf	3	Vertical	108	2.71	-
2412MHz	Pass	AV	2.389G	47.31	54.00	-6.69	3	Horizontal	294	2.88	-
2412MHz	Pass	AV	2.4112G	104.46	Inf	-Inf	3	Horizontal	294	2.88	-
2412MHz	Pass	PK	2.362G	59.14	74.00	-14.86	3	Horizontal	294	2.88	-
2412MHz	Pass	PK	2.411G	108.61	Inf	-Inf	3	Horizontal	294	2.88	-
2412MHz	Pass	AV	4.82401G	47.82	54.00	-6.18	3	Vertical	173	1.81	-
2412MHz	Pass	PK	4.82395G	51.70	74.00	-22.30	3	Vertical	173	1.81	-
2412MHz	Pass	AV	4.82399G	48.45	54.00	-5.55	3	Horizontal	48	2.52	-
2412MHz	Pass	PK	4.82392G	52.40	74.00	-21.60	3	Horizontal	48	2.52	-
2437MHz	Pass	AV	2.3378G	47.19	54.00	-6.81	3	Vertical	111	3.00	-
2437MHz	Pass	AV	2.4362G	107.02	Inf	-Inf	3	Vertical	111	3.00	-
2437MHz	Pass	AV	2.4835G	46.83	54.00	-7.17	3	Vertical	111	3.00	-
2437MHz	Pass	PK	2.3414G	59.64	74.00	-14.36	3	Vertical	111	3.00	-
2437MHz	Pass	PK	2.4362G	111.02	Inf	-Inf	3	Vertical	111	3.00	-
2437MHz	Pass	PK	2.4906G	58.77	74.00	-15.23	3	Vertical	111	3.00	-
2437MHz	Pass	AV	2.341G	47.18	54.00	-6.82	3	Horizontal	296	2.86	-
2437MHz	Pass	AV	2.4362G	103.40	Inf	-Inf	3	Horizontal	296	2.86	-
2437MHz	Pass	AV	2.4835G	46.75	54.00	-7.25	3	Horizontal	296	2.86	-
2437MHz	Pass	PK	2.3618G	58.84	74.00	-15.16	3	Horizontal	296	2.86	-
2437MHz	Pass	PK	2.4362G	107.59	Inf	-Inf	3	Horizontal	296	2.86	-
2437MHz	Pass	PK	2.485G	58.19	74.00	-15.81	3	Horizontal	296	2.86	-
2437MHz	Pass	AV	4.87396G	51.67	54.00	-2.33	3	Vertical	131	2.79	-
2437MHz	Pass	PK	4.87401G	54.57	74.00	-19.43	3	Vertical	131	2.79	-
2437MHz	Pass	AV	4.87394G	46.65	54.00	-7.35	3	Horizontal	52	2.60	-
2437MHz	Pass	PK	4.87388G	50.50	74.00	-23.50	3	Horizontal	52	2.60	-
2462MHz	Pass	AV	2.4626G	105.72	Inf	-Inf	3	Vertical	344	2.17	-
2462MHz	Pass	AV	2.4835G	49.71	54.00	-4.29	3	Vertical	344	2.17	-
2462MHz	Pass	PK	2.463G	110.05	Inf	-Inf	3	Vertical	344	2.17	-
2462MHz	Pass	PK	2.4835G	60.34	74.00	-13.66	3	Vertical	344	2.17	-
2462MHz	Pass	AV	2.4612G	103.79	Inf	-Inf	3	Horizontal	294	2.82	-
2462MHz	Pass	AV	2.4835G	48.31	54.00	-5.69	3	Horizontal	294	2.82	-
2462MHz	Pass	PK	2.461G	108.01	Inf	-Inf	3	Horizontal	294	2.82	-
2462MHz	Pass	PK	2.4836G	58.79	74.00	-15.21	3	Horizontal	294	2.82	-
2462MHz	Pass	AV	4.924G	49.86	54.00	-4.14	3	Vertical	175	1.13	-
2462MHz	Pass	PK	4.92394G	52.98	74.00	-21.02	3	Vertical	175	1.13	-
2462MHz	Pass	AV	4.924G	51.63	54.00	-2.37	3	Horizontal	155	2.74	-
2462MHz	Pass	PK	4.924G	54.42	74.00	-19.58	3	Horizontal	155	2.74	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.44	54.00	-1.56	3	Vertical	280	2.70	-
2412MHz	Pass	AV	2.4172G	101.59	Inf	-Inf	3	Vertical	280	2.70	-
2412MHz	Pass	PK	2.3896G	67.21	74.00	-6.79	3	Vertical	280	2.70	-
2412MHz	Pass	PK	2.4176G	114.68	Inf	-Inf	3	Vertical	280	2.70	-
2412MHz	Pass	AV	2.3894G	50.73	54.00	-3.27	3	Horizontal	310	2.89	-
2412MHz	Pass	AV	2.418G	96.76	Inf	-Inf	3	Horizontal	310	2.89	-
2412MHz	Pass	PK	2.3896G	67.93	74.00	-6.07	3	Horizontal	310	2.89	-
2412MHz	Pass	PK	2.4178G	109.46	Inf	-Inf	3	Horizontal	310	2.89	-
2412MHz	Pass	AV	4.824G	36.04	54.00	-17.96	3	Vertical	338	1.02	-
2412MHz	Pass	PK	4.82388G	45.93	74.00	-28.07	3	Vertical	338	1.02	-
2412MHz	Pass	AV	4.82502G	33.95	54.00	-20.05	3	Horizontal	48	2.76	-
2412MHz	Pass	PK	4.82562G	47.80	74.00	-26.20	3	Horizontal	48	2.76	-
2417MHz	Pass	AV	2.39G	51.07	54.00	-2.93	3	Vertical	283	2.70	-
2417MHz	Pass	AV	2.4124G	104.03	Inf	-Inf	3	Vertical	283	2.70	-
2417MHz	Pass	PK	2.3888G	65.13	74.00	-8.87	3	Vertical	283	2.70	-
2417MHz	Pass	PK	2.4216G	114.41	Inf	-Inf	3	Vertical	283	2.70	-
2417MHz	Pass	AV	2.3894G	49.61	54.00	-4.39	3	Horizontal	311	2.88	-
2417MHz	Pass	AV	2.423G	100.04	Inf	-Inf	3	Horizontal	311	2.88	-
2417MHz	Pass	PK	2.3888G	62.88	74.00	-11.12	3	Horizontal	311	2.88	-

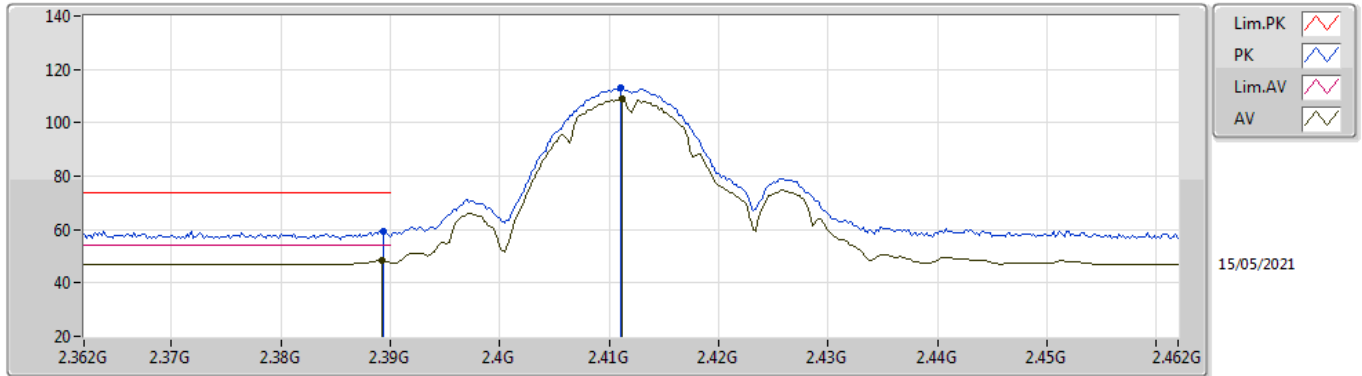
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4234G	110.27	Inf	-Inf	3	Horizontal	311	2.88	-
2437MHz	Pass	AV	2.3894G	47.87	54.00	-6.13	3	Vertical	275	3.00	-
2437MHz	Pass	AV	2.4326G	105.65	Inf	-Inf	3	Vertical	275	3.00	-
2437MHz	Pass	AV	2.4835G	49.36	54.00	-4.64	3	Vertical	275	3.00	-
2437MHz	Pass	PK	2.3882G	59.67	74.00	-14.33	3	Vertical	275	3.00	-
2437MHz	Pass	PK	2.4334G	116.00	Inf	-Inf	3	Vertical	275	3.00	-
2437MHz	Pass	PK	2.4835G	61.94	74.00	-12.06	3	Vertical	275	3.00	-
2437MHz	Pass	AV	2.347G	47.70	54.00	-6.30	3	Horizontal	316	2.88	-
2437MHz	Pass	AV	2.4334G	101.18	Inf	-Inf	3	Horizontal	316	2.88	-
2437MHz	Pass	AV	2.4835G	47.99	54.00	-6.01	3	Horizontal	316	2.88	-
2437MHz	Pass	PK	2.3438G	59.00	74.00	-15.00	3	Horizontal	316	2.88	-
2437MHz	Pass	PK	2.4334G	111.25	Inf	-Inf	3	Horizontal	316	2.88	-
2437MHz	Pass	PK	2.4838G	58.40	74.00	-15.60	3	Horizontal	316	2.88	-
2437MHz	Pass	AV	4.87148G	42.86	54.00	-11.14	3	Vertical	348	2.84	-
2437MHz	Pass	PK	4.87106G	55.67	74.00	-18.33	3	Vertical	348	2.84	-
2437MHz	Pass	AV	4.87562G	41.22	54.00	-12.78	3	Horizontal	36	2.62	-
2437MHz	Pass	PK	4.8761G	55.99	74.00	-18.01	3	Horizontal	36	2.62	-
2457MHz	Pass	AV	2.4622G	103.08	Inf	-Inf	3	Vertical	285	2.86	-
2457MHz	Pass	AV	2.4835G	52.31	54.00	-1.69	3	Vertical	285	2.86	-
2457MHz	Pass	PK	2.462G	112.80	Inf	-Inf	3	Vertical	285	2.86	-
2457MHz	Pass	PK	2.4835G	65.35	74.00	-8.65	3	Vertical	285	2.86	-
2457MHz	Pass	AV	2.458G	99.02	Inf	-Inf	3	Horizontal	313	2.81	-
2457MHz	Pass	AV	2.4835G	50.82	54.00	-3.18	3	Horizontal	313	2.81	-
2457MHz	Pass	PK	2.4532G	109.26	Inf	-Inf	3	Horizontal	313	2.81	-
2457MHz	Pass	PK	2.4835G	63.45	74.00	-10.55	3	Horizontal	313	2.81	-
2462MHz	Pass	AV	2.4672G	101.13	Inf	-Inf	3	Vertical	288	2.88	-
2462MHz	Pass	AV	2.4835G	52.82	54.00	-1.18	3	Vertical	288	2.88	-
2462MHz	Pass	PK	2.4676G	111.72	Inf	-Inf	3	Vertical	288	2.88	-
2462MHz	Pass	PK	2.4835G	65.73	74.00	-8.27	3	Vertical	288	2.88	-
2462MHz	Pass	PK	2.4584G	107.03	Inf	-Inf	3	Horizontal	312	2.81	-
2462MHz	Pass	AV	2.4582G	96.87	Inf	-Inf	3	Horizontal	312	2.81	-
2462MHz	Pass	PK	2.4836G	64.94	74.00	-9.06	3	Horizontal	312	2.81	-
2462MHz	Pass	AV	2.4835G	51.37	54.00	-2.63	3	Horizontal	312	2.81	-
2462MHz	Pass	AV	4.924G	37.43	54.00	-16.57	3	Vertical	338	1.05	-
2462MHz	Pass	PK	4.92382G	45.92	74.00	-28.08	3	Vertical	338	1.05	-
2462MHz	Pass	AV	4.92676G	34.96	54.00	-19.04	3	Horizontal	124	2.31	-
2462MHz	Pass	PK	4.93126G	48.00	74.00	-26.00	3	Horizontal	124	2.31	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.60	54.00	-1.40	3	Vertical	280	2.69	-
2412MHz	Pass	AV	2.4138G	101.35	Inf	-Inf	3	Vertical	280	2.69	-
2412MHz	Pass	PK	2.39G	65.29	74.00	-8.71	3	Vertical	280	2.69	-
2412MHz	Pass	PK	2.4144G	112.21	Inf	-Inf	3	Vertical	280	2.69	-
2412MHz	Pass	AV	2.39G	48.37	54.00	-5.63	3	Horizontal	312	2.90	-
2412MHz	Pass	AV	2.4166G	96.93	Inf	-Inf	3	Horizontal	312	2.90	-
2412MHz	Pass	PK	2.3898G	59.59	74.00	-14.41	3	Horizontal	312	2.90	-
2412MHz	Pass	PK	2.4174G	108.36	Inf	-Inf	3	Horizontal	312	2.90	-
2412MHz	Pass	AV	4.824G	35.46	54.00	-18.54	3	Vertical	343	1.06	-
2412MHz	Pass	PK	4.82406G	44.96	74.00	-29.04	3	Vertical	343	1.06	-
2412MHz	Pass	AV	4.82406G	33.03	54.00	-20.97	3	Horizontal	155	2.86	-
2412MHz	Pass	PK	4.82088G	46.99	74.00	-27.01	3	Horizontal	155	2.86	-
2417MHz	Pass	AV	2.39G	52.57	54.00	-1.43	3	Vertical	280	2.70	-
2417MHz	Pass	AV	2.4182G	106.72	Inf	-Inf	3	Vertical	280	2.70	-
2417MHz	Pass	PK	2.39G	64.82	74.00	-9.18	3	Vertical	280	2.70	-
2417MHz	Pass	PK	2.418G	117.33	Inf	-Inf	3	Vertical	280	2.70	-
2417MHz	Pass	AV	2.3898G	48.85	54.00	-5.15	3	Horizontal	306	2.88	-
2417MHz	Pass	AV	2.4232G	101.85	Inf	-Inf	3	Horizontal	306	2.88	-
2417MHz	Pass	PK	2.3896G	63.86	74.00	-10.14	3	Horizontal	306	2.88	-
2417MHz	Pass	PK	2.4226G	113.91	Inf	-Inf	3	Horizontal	306	2.88	-
2437MHz	Pass	AV	2.3894G	47.35	54.00	-6.65	3	Vertical	279	2.64	-
2437MHz	Pass	AV	2.439G	105.61	Inf	-Inf	3	Vertical	279	2.64	-
2437MHz	Pass	AV	2.4835G	48.64	54.00	-5.36	3	Vertical	279	2.64	-
2437MHz	Pass	PK	2.351G	59.19	74.00	-14.81	3	Vertical	279	2.64	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4394G	116.30	Inf	-Inf	3	Vertical	279	2.64	-
2437MHz	Pass	PK	2.4835G	60.75	74.00	-13.25	3	Vertical	279	2.64	-
2437MHz	Pass	AV	2.3378G	47.32	54.00	-6.68	3	Horizontal	305	2.85	-
2437MHz	Pass	AV	2.4418G	101.32	Inf	-Inf	3	Horizontal	305	2.85	-
2437MHz	Pass	AV	2.4835G	47.94	54.00	-6.06	3	Horizontal	305	2.85	-
2437MHz	Pass	PK	2.3614G	59.08	74.00	-14.92	3	Horizontal	305	2.85	-
2437MHz	Pass	PK	2.4422G	113.14	Inf	-Inf	3	Horizontal	305	2.85	-
2437MHz	Pass	PK	2.4854G	60.33	74.00	-13.67	3	Horizontal	305	2.85	-
2437MHz	Pass	AV	4.86596G	39.94	54.00	-14.06	3	Vertical	355	2.86	-
2437MHz	Pass	PK	4.86452G	55.68	74.00	-18.32	3	Vertical	355	2.86	-
2437MHz	Pass	AV	4.8788G	39.21	54.00	-14.79	3	Horizontal	-0	2.86	-
2437MHz	Pass	PK	4.87904G	54.69	74.00	-19.31	3	Horizontal	-0	2.86	-
2457MHz	Pass	AV	2.458G	103.36	Inf	-Inf	3	Vertical	285	2.88	-
2457MHz	Pass	AV	2.4835G	52.57	54.00	-1.43	3	Vertical	285	2.88	-
2457MHz	Pass	PK	2.4588G	115.34	Inf	-Inf	3	Vertical	285	2.88	-
2457MHz	Pass	PK	2.4838G	65.83	74.00	-8.17	3	Vertical	285	2.88	-
2457MHz	Pass	AV	2.4616G	98.76	Inf	-Inf	3	Horizontal	312	2.83	-
2457MHz	Pass	AV	2.4835G	51.34	54.00	-2.66	3	Horizontal	312	2.83	-
2457MHz	Pass	PK	2.4622G	111.43	Inf	-Inf	3	Horizontal	312	2.83	-
2457MHz	Pass	PK	2.4835G	64.11	74.00	-9.89	3	Horizontal	312	2.83	-
2462MHz	Pass	AV	2.4636G	100.57	Inf	-Inf	3	Vertical	287	2.90	-
2462MHz	Pass	AV	2.4835G	51.45	54.00	-2.55	3	Vertical	287	2.90	-
2462MHz	Pass	PK	2.4642G	112.00	Inf	-Inf	3	Vertical	287	2.90	-
2462MHz	Pass	PK	2.484G	66.86	74.00	-7.14	3	Vertical	287	2.90	-
2462MHz	Pass	AV	2.4674G	95.61	Inf	-Inf	3	Horizontal	310	2.74	-
2462MHz	Pass	AV	2.4836G	48.69	54.00	-5.31	3	Horizontal	310	2.74	-
2462MHz	Pass	PK	2.4674G	107.49	Inf	-Inf	3	Horizontal	310	2.74	-
2462MHz	Pass	PK	2.4842G	63.32	74.00	-10.68	3	Horizontal	310	2.74	-
2462MHz	Pass	AV	4.924G	36.18	54.00	-17.82	3	Vertical	345	1.17	-
2462MHz	Pass	PK	4.92394G	45.83	74.00	-28.17	3	Vertical	345	1.17	-
2462MHz	Pass	AV	4.92394G	32.33	54.00	-21.67	3	Horizontal	195	1.50	-
2462MHz	Pass	PK	4.92076G	45.20	74.00	-28.80	3	Horizontal	195	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.34	54.00	-1.66	3	Vertical	273	2.95	-
2422MHz	Pass	AV	2.4252G	96.54	Inf	-Inf	3	Vertical	273	2.95	-
2422MHz	Pass	AV	2.4835G	47.75	54.00	-6.25	3	Vertical	273	2.95	-
2422MHz	Pass	PK	2.3896G	64.49	74.00	-9.51	3	Vertical	273	2.95	-
2422MHz	Pass	PK	2.4252G	107.05	Inf	-Inf	3	Vertical	273	2.95	-
2422MHz	Pass	PK	2.484G	58.88	74.00	-15.12	3	Vertical	273	2.95	-
2422MHz	Pass	AV	2.39G	50.79	54.00	-3.21	3	Horizontal	304	2.88	-
2422MHz	Pass	AV	2.428G	92.61	Inf	-Inf	3	Horizontal	304	2.88	-
2422MHz	Pass	AV	2.4835G	47.47	54.00	-6.53	3	Horizontal	304	2.88	-
2422MHz	Pass	PK	2.3896G	63.99	74.00	-10.01	3	Horizontal	304	2.88	-
2422MHz	Pass	PK	2.4276G	102.41	Inf	-Inf	3	Horizontal	304	2.88	-
2422MHz	Pass	PK	2.4848G	58.80	74.00	-15.20	3	Horizontal	304	2.88	-
2422MHz	Pass	AV	4.8439G	35.71	54.00	-18.29	3	Vertical	346	1.13	-
2422MHz	Pass	PK	4.8441G	44.94	74.00	-29.06	3	Vertical	346	1.13	-
2422MHz	Pass	AV	4.8439G	32.67	54.00	-21.33	3	Horizontal	53	2.41	-
2422MHz	Pass	PK	4.8506G	44.64	74.00	-29.36	3	Horizontal	53	2.41	-
2427MHz	Pass	AV	2.3898G	52.34	54.00	-1.66	3	Vertical	71	2.71	-
2427MHz	Pass	AV	2.4282G	96.48	Inf	-Inf	3	Vertical	71	2.71	-
2427MHz	Pass	AV	2.4842G	47.90	54.00	-6.10	3	Vertical	71	2.71	-
2427MHz	Pass	PK	2.3898G	65.15	74.00	-8.85	3	Vertical	71	2.71	-
2427MHz	Pass	PK	2.4302G	106.13	Inf	-Inf	3	Vertical	71	2.71	-
2427MHz	Pass	PK	2.4858G	58.84	74.00	-15.16	3	Vertical	71	2.71	-
2427MHz	Pass	AV	2.3898G	49.72	54.00	-4.28	3	Horizontal	317	2.89	-
2427MHz	Pass	AV	2.431G	93.19	Inf	-Inf	3	Horizontal	317	2.89	-
2427MHz	Pass	AV	2.4846G	47.46	54.00	-6.54	3	Horizontal	317	2.89	-
2427MHz	Pass	PK	2.3894G	61.53	74.00	-12.47	3	Horizontal	317	2.89	-
2427MHz	Pass	PK	2.4306G	103.09	Inf	-Inf	3	Horizontal	317	2.89	-
2427MHz	Pass	PK	2.4906G	59.25	74.00	-14.75	3	Horizontal	317	2.89	-
2437MHz	Pass	AV	2.3898G	47.90	54.00	-6.10	3	Vertical	279	2.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4394G	98.58	Inf	-Inf	3	Vertical	279	2.65	-
2437MHz	Pass	AV	2.4835G	52.39	54.00	-1.61	3	Vertical	279	2.65	-
2437MHz	Pass	PK	2.3446G	59.07	74.00	-14.93	3	Vertical	279	2.65	-
2437MHz	Pass	PK	2.4406G	108.37	Inf	-Inf	3	Vertical	279	2.65	-
2437MHz	Pass	PK	2.4838G	66.57	74.00	-7.43	3	Vertical	279	2.65	-
2437MHz	Pass	AV	2.3386G	47.79	54.00	-6.21	3	Horizontal	304	2.83	-
2437MHz	Pass	AV	2.4426G	94.31	Inf	-Inf	3	Horizontal	304	2.83	-
2437MHz	Pass	AV	2.4835G	51.31	54.00	-2.69	3	Horizontal	304	2.83	-
2437MHz	Pass	PK	2.359G	59.50	74.00	-14.50	3	Horizontal	304	2.83	-
2437MHz	Pass	PK	2.4418G	104.45	Inf	-Inf	3	Horizontal	304	2.83	-
2437MHz	Pass	PK	2.4835G	65.69	74.00	-8.31	3	Horizontal	304	2.83	-
2437MHz	Pass	AV	4.874G	36.87	54.00	-17.13	3	Vertical	339	1.00	-
2437MHz	Pass	PK	4.8741G	45.68	74.00	-28.32	3	Vertical	339	1.00	-
2437MHz	Pass	AV	4.874G	32.86	54.00	-21.14	3	Horizontal	195	1.50	-
2437MHz	Pass	PK	4.8714G	46.29	74.00	-27.71	3	Horizontal	195	1.50	-
2447MHz	Pass	AV	2.3898G	47.84	54.00	-6.16	3	Vertical	280	2.68	-
2447MHz	Pass	AV	2.4482G	96.44	Inf	-Inf	3	Vertical	280	2.68	-
2447MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Vertical	280	2.68	-
2447MHz	Pass	PK	2.3898G	59.54	74.00	-14.46	3	Vertical	280	2.68	-
2447MHz	Pass	PK	2.449G	105.96	Inf	-Inf	3	Vertical	280	2.68	-
2447MHz	Pass	PK	2.4846G	67.52	74.00	-6.48	3	Vertical	280	2.68	-
2447MHz	Pass	AV	2.361G	47.67	54.00	-6.33	3	Horizontal	304	2.80	-
2447MHz	Pass	AV	2.4526G	91.89	Inf	-Inf	3	Horizontal	304	2.80	-
2447MHz	Pass	AV	2.4858G	48.95	54.00	-5.05	3	Horizontal	304	2.80	-
2447MHz	Pass	PK	2.3558G	59.71	74.00	-14.29	3	Horizontal	304	2.80	-
2447MHz	Pass	PK	2.4526G	101.64	Inf	-Inf	3	Horizontal	304	2.80	-
2447MHz	Pass	PK	2.4835G	63.72	74.00	-10.28	3	Horizontal	304	2.80	-
2452MHz	Pass	AV	2.39G	47.80	54.00	-6.20	3	Vertical	276	2.88	-
2452MHz	Pass	AV	2.4548G	97.04	Inf	-Inf	3	Vertical	276	2.88	-
2452MHz	Pass	AV	2.4835G	52.72	54.00	-1.28	3	Vertical	276	2.88	-
2452MHz	Pass	PK	2.39G	59.19	74.00	-14.81	3	Vertical	276	2.88	-
2452MHz	Pass	PK	2.454G	106.74	Inf	-Inf	3	Vertical	276	2.88	-
2452MHz	Pass	PK	2.4835G	68.70	74.00	-5.30	3	Vertical	276	2.88	-
2452MHz	Pass	AV	2.3524G	47.55	54.00	-6.45	3	Horizontal	314	2.80	-
2452MHz	Pass	AV	2.4568G	92.92	Inf	-Inf	3	Horizontal	314	2.80	-
2452MHz	Pass	AV	2.4835G	50.01	54.00	-3.99	3	Horizontal	314	2.80	-
2452MHz	Pass	PK	2.3616G	58.54	74.00	-15.46	3	Horizontal	314	2.80	-
2452MHz	Pass	PK	2.4548G	103.12	Inf	-Inf	3	Horizontal	314	2.80	-
2452MHz	Pass	PK	2.4835G	67.34	74.00	-6.66	3	Horizontal	314	2.80	-
2452MHz	Pass	AV	4.904G	37.68	54.00	-16.32	3	Vertical	339	1.00	-
2452MHz	Pass	PK	4.9039G	45.30	74.00	-28.70	3	Vertical	339	1.00	-
2452MHz	Pass	AV	4.904G	32.44	54.00	-21.56	3	Horizontal	195	1.45	-
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802.11b_Nss1,(1Mbps)_2TX

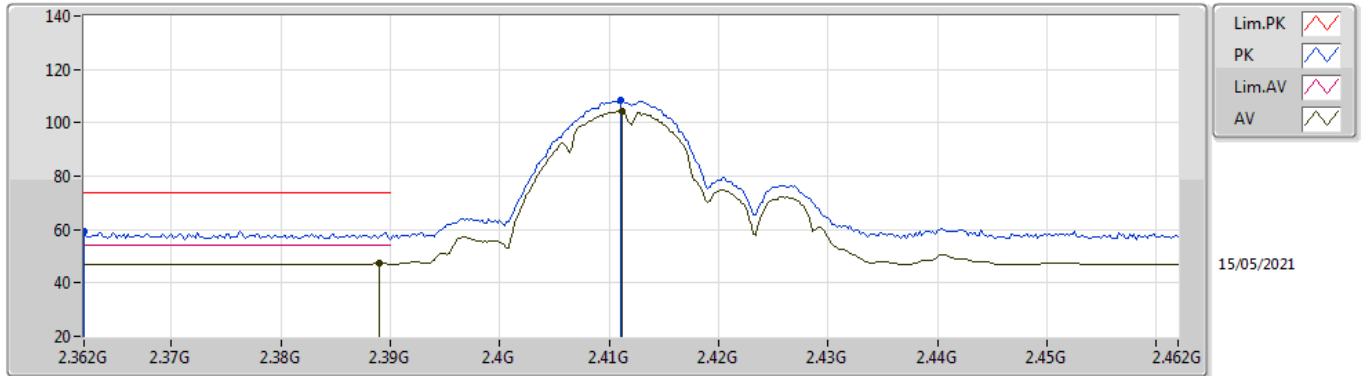
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	48.49	54.00	-5.51	34.88	3	Vertical	108	2.71	-	13.61	27.62	7.26	-
AV	2.4112G	108.99	Inf	-Inf	34.83	3	Vertical	108	2.71	-	74.16	27.56	7.27	-
PK	2.3894G	59.44	74.00	-14.56	34.88	3	Vertical	108	2.71	-	24.56	27.62	7.26	-
PK	2.411G	113.06	Inf	-Inf	34.83	3	Vertical	108	2.71	-	78.23	27.56	7.27	-

802.11b_Nss1,(1Mbps)_2TX

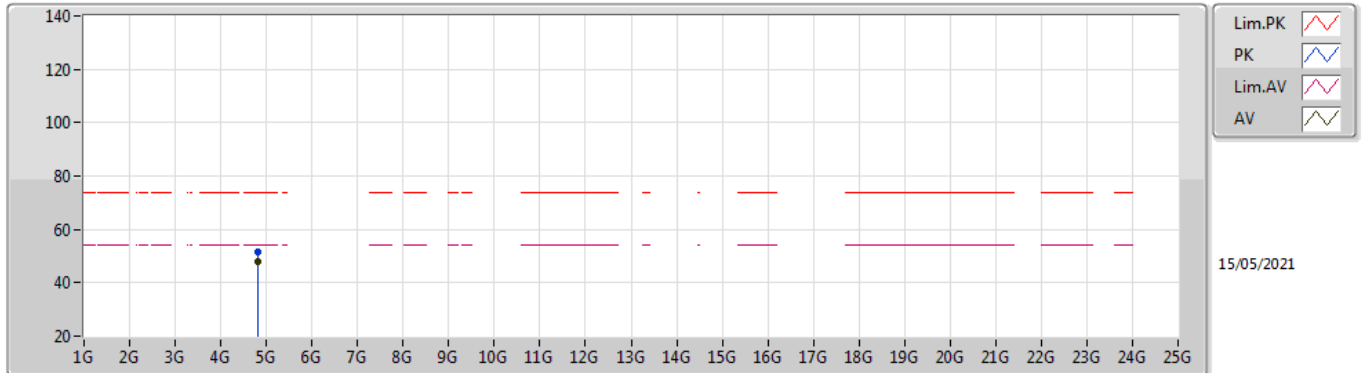
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	47.31	54.00	-6.69	34.88	3	Horizontal	294	2.88	-	12.43	27.62	7.26	-
AV	2.4112G	104.46	Inf	-Inf	34.83	3	Horizontal	294	2.88	-	69.63	27.56	7.27	-
PK	2.362G	59.14	74.00	-14.86	34.92	3	Horizontal	294	2.88	-	24.22	27.68	7.24	-
PK	2.411G	108.61	Inf	-Inf	34.83	3	Horizontal	294	2.88	-	73.78	27.56	7.27	-

802.11b_Nss1,(1Mbps)_2TX

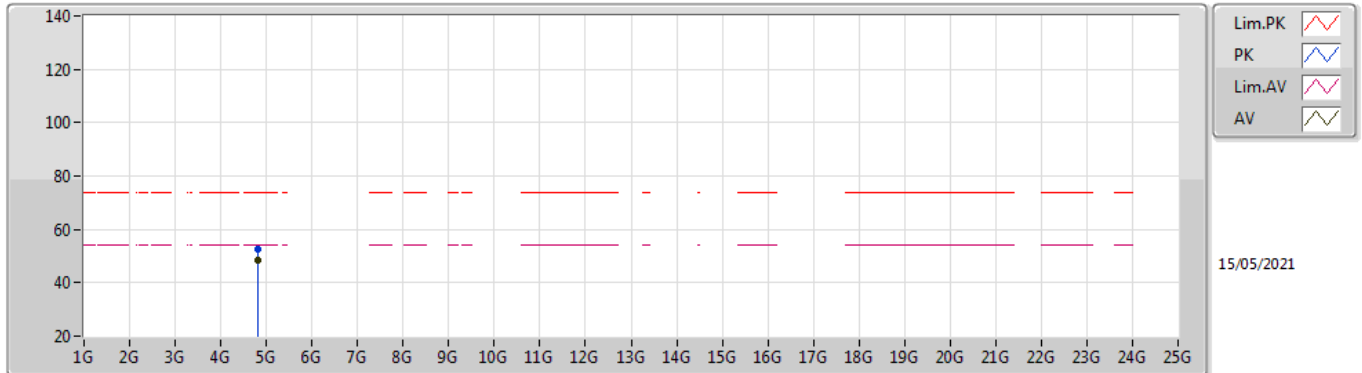
2412MHz_TX



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	4.82401G	47.82	54.00	-6.18	5.64	3	Vertical	173	1.81	-	42.18	31.00	8.92	34.28
PK	4.82395G	51.70	74.00	-22.30	5.64	3	Vertical	173	1.81	-	46.06	31.00	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

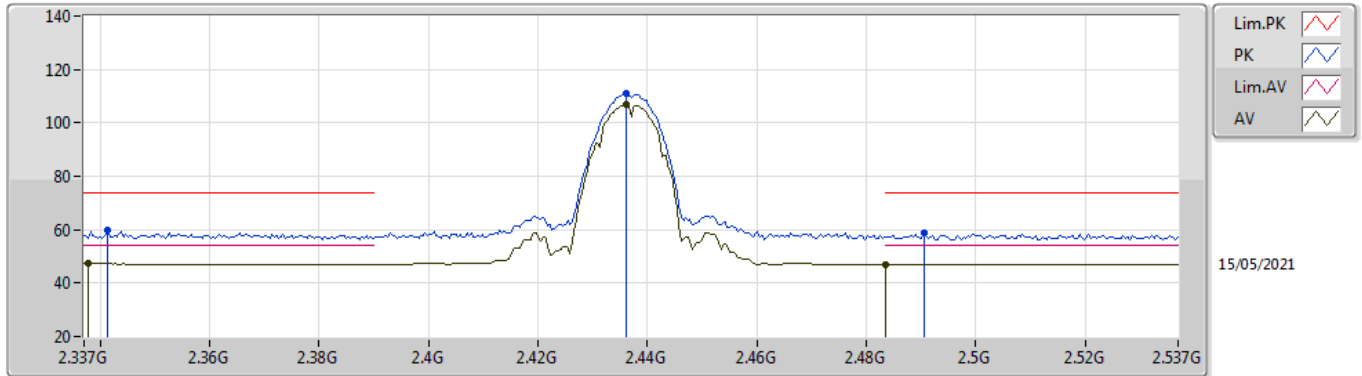
2412MHz_TX



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	4.82399G	48.45	54.00	-5.55	5.64	3	Horizontal	48	2.52	-	42.81	31.00	8.92	34.28
PK	4.82392G	52.40	74.00	-21.60	5.64	3	Horizontal	48	2.52	-	46.76	31.00	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

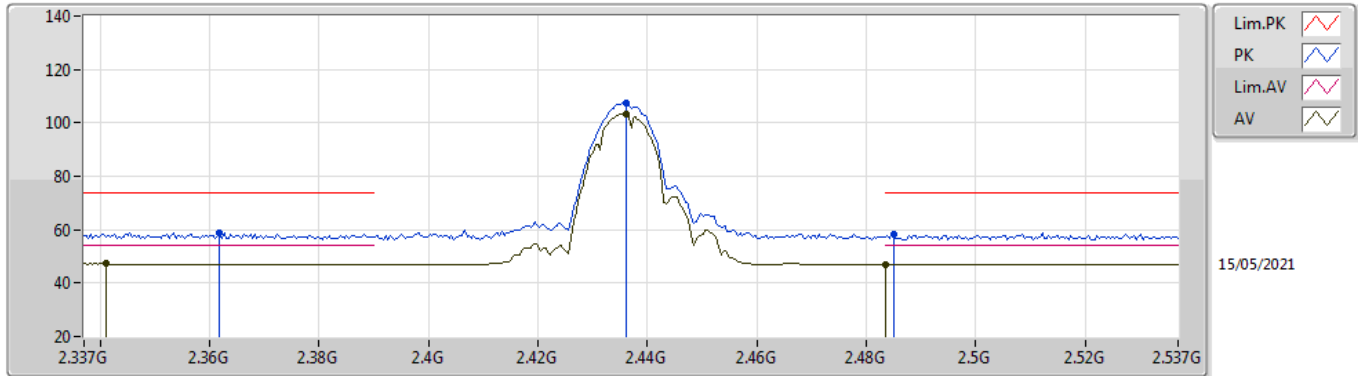
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3378G	47.19	54.00	-6.81	34.98	3	Vertical	111	3.00	-	12.21	27.75	7.23	-
AV	2.4362G	107.02	Inf	-Inf	34.75	3	Vertical	111	3.00	-	72.27	27.46	7.29	-
AV	2.4835G	46.83	54.00	-7.17	34.73	3	Vertical	111	3.00	-	12.10	27.40	7.33	-
PK	2.3414G	59.64	74.00	-14.36	34.96	3	Vertical	111	3.00	-	24.68	27.73	7.23	-
PK	2.4362G	111.02	Inf	-Inf	34.75	3	Vertical	111	3.00	-	76.27	27.46	7.29	-
PK	2.4906G	58.77	74.00	-15.23	34.73	3	Vertical	111	3.00	-	24.04	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

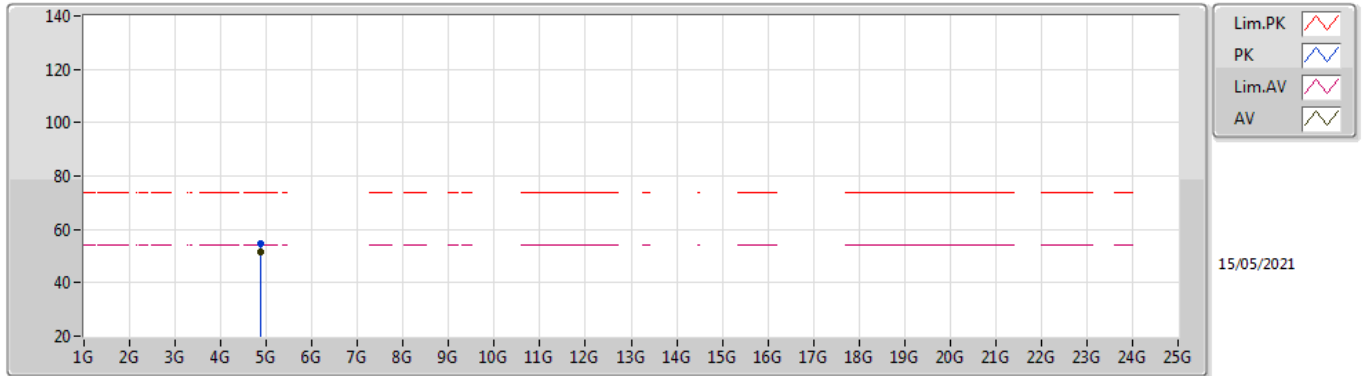
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.341G	47.18	54.00	-6.82	34.97	3	Horizontal	296	2.86	-	12.21	27.74	7.23	-
AV	2.4362G	103.40	Inf	-Inf	34.75	3	Horizontal	296	2.86	-	68.65	27.46	7.29	-
AV	2.4835G	46.75	54.00	-7.25	34.73	3	Horizontal	296	2.86	-	12.02	27.40	7.33	-
PK	2.3618G	58.84	74.00	-15.16	34.92	3	Horizontal	296	2.86	-	23.92	27.68	7.24	-
PK	2.4362G	107.59	Inf	-Inf	34.75	3	Horizontal	296	2.86	-	72.84	27.46	7.29	-
PK	2.485G	58.19	74.00	-15.81	34.73	3	Horizontal	296	2.86	-	23.46	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

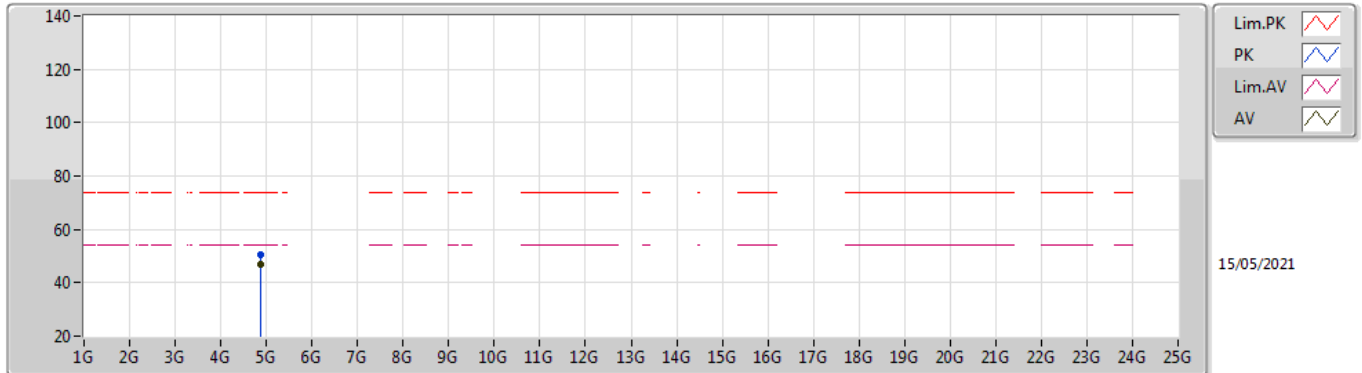
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	51.67	54.00	-2.33	5.75	3	Vertical	131	2.79	-	45.92	31.05	8.96	34.26
PK	4.87401G	54.57	74.00	-19.43	5.75	3	Vertical	131	2.79	-	48.82	31.05	8.96	34.26

802.11b_Nss1,(1Mbps)_2TX

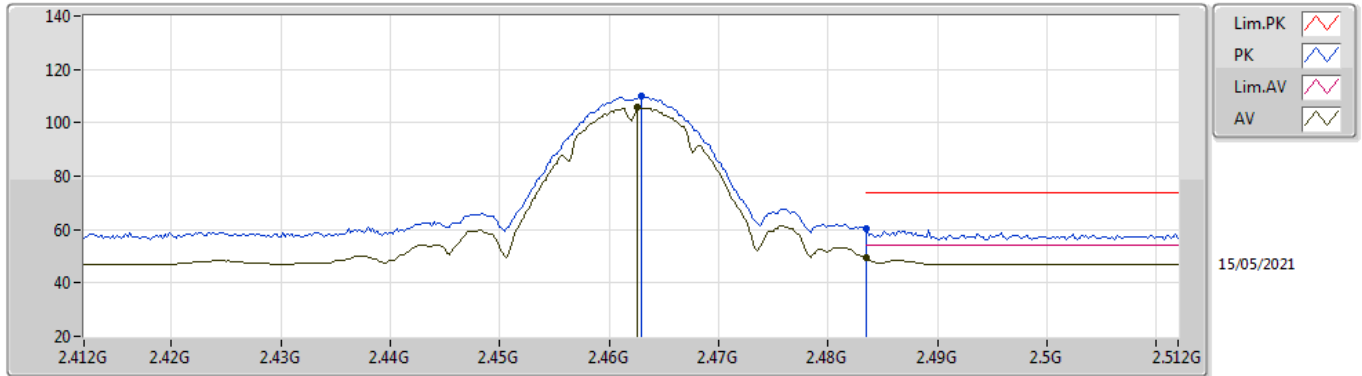
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87394G	46.65	54.00	-7.35	5.75	3	Horizontal	52	2.60	-	40.90	31.05	8.96	34.26
PK	4.87388G	50.50	74.00	-23.50	5.75	3	Horizontal	52	2.60	-	44.75	31.05	8.96	34.26

802.11b_Nss1,(1Mbps)_2TX

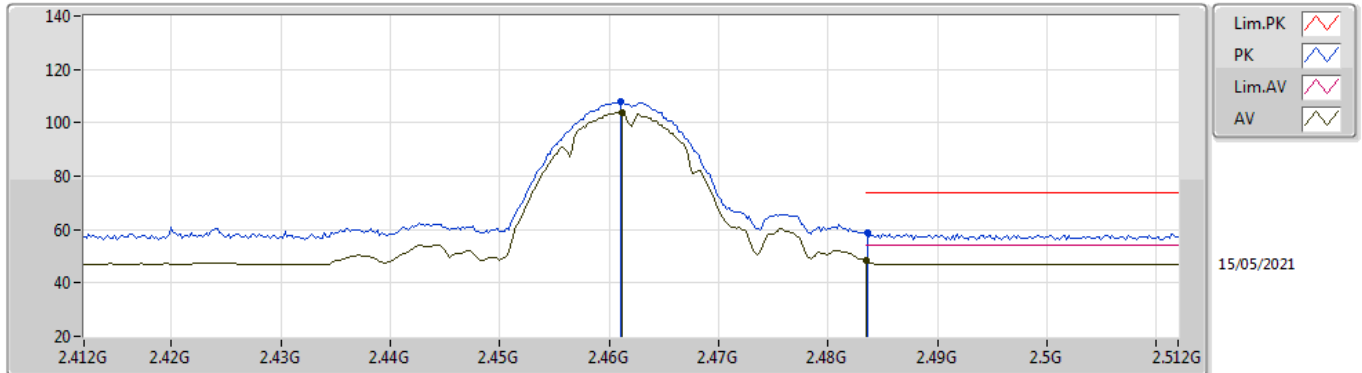
2462MHz_TX



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	2.4626G	105.72	Inf	-Inf	34.71	3	Vertical	344	2.17	-	71.01	27.40	7.31	-
AV	2.4835G	49.71	54.00	-4.29	34.73	3	Vertical	344	2.17	-	14.98	27.40	7.33	-
PK	2.463G	110.05	Inf	-Inf	34.71	3	Vertical	344	2.17	-	75.34	27.40	7.31	-
PK	2.4835G	60.34	74.00	-13.66	34.73	3	Vertical	344	2.17	-	25.61	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

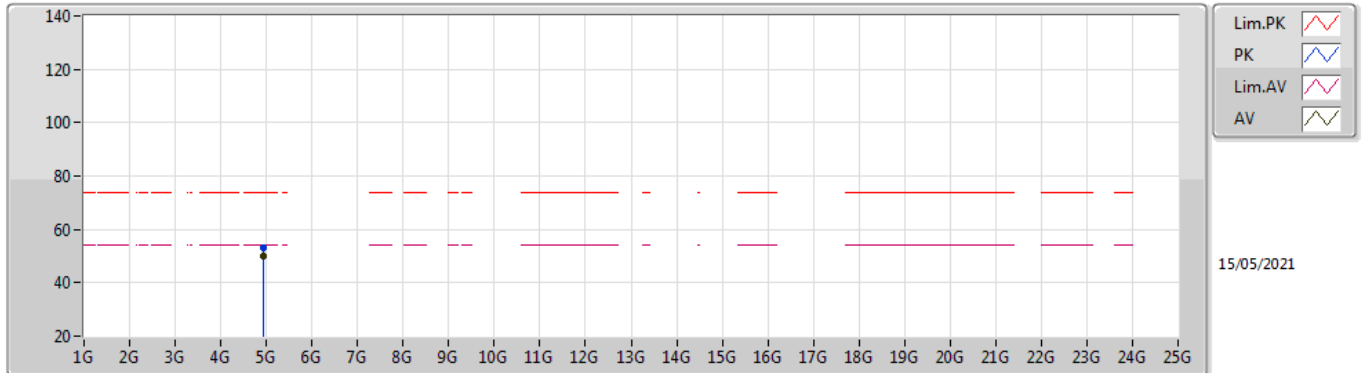
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	103.79	Inf	-Inf	34.71	3	Horizontal	294	2.82	-	69.08	27.40	7.31	-
AV	2.4835G	48.31	54.00	-5.69	34.73	3	Horizontal	294	2.82	-	13.58	27.40	7.33	-
PK	2.461G	108.01	Inf	-Inf	34.71	3	Horizontal	294	2.82	-	73.30	27.40	7.31	-
PK	2.4836G	58.79	74.00	-15.21	34.73	3	Horizontal	294	2.82	-	24.06	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

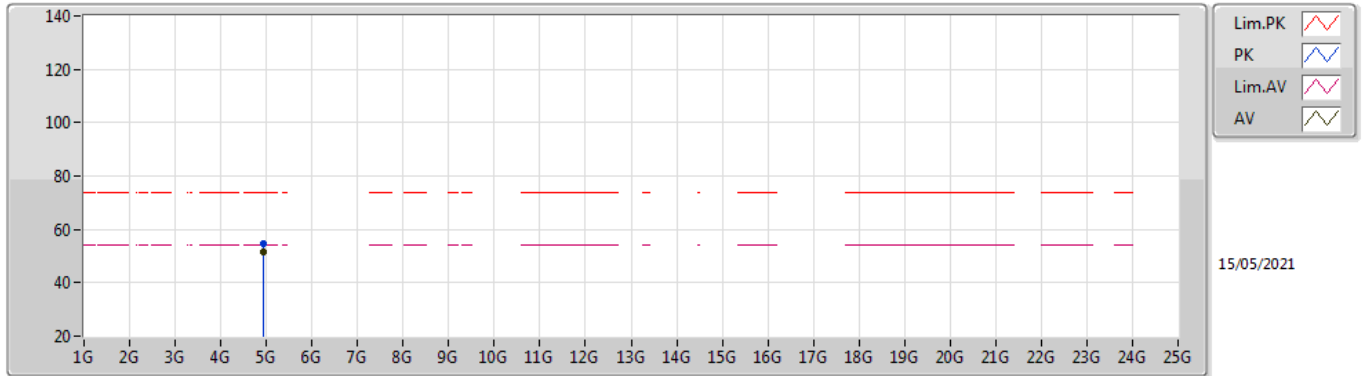
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	49.86	54.00	-4.14	5.84	3	Vertical	175	1.13	-	44.02	31.10	8.99	34.25
PK	4.92394G	52.98	74.00	-21.02	5.84	3	Vertical	175	1.13	-	47.14	31.10	8.99	34.25

802.11b_Nss1,(1Mbps)_2TX

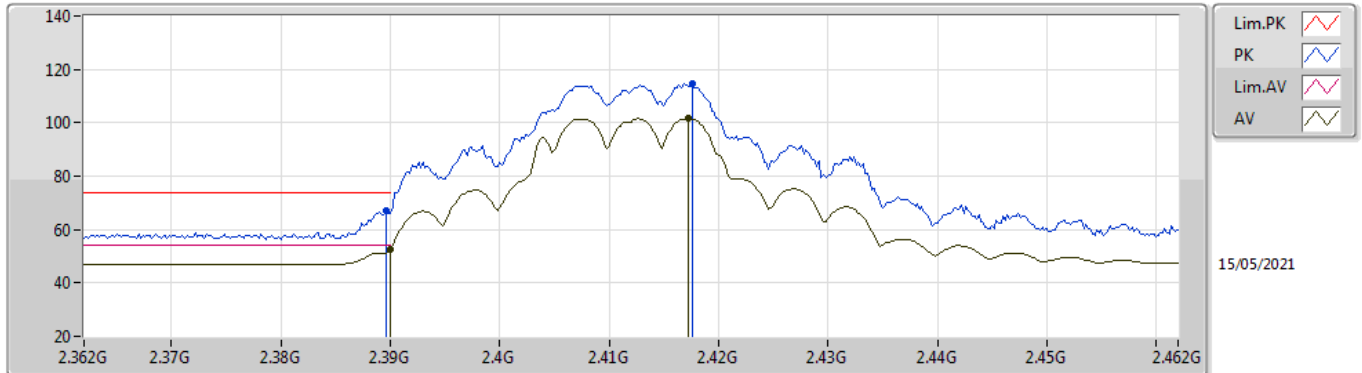
2462MHz_TX



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	4.924G	51.63	54.00	-2.37	5.84	3	Horizontal	155	2.74	-	45.79	31.10	8.99	34.25
PK	4.924G	54.42	74.00	-19.58	5.84	3	Horizontal	155	2.74	-	48.58	31.10	8.99	34.25

802.11g_Nss1,(6Mbps)_2TX

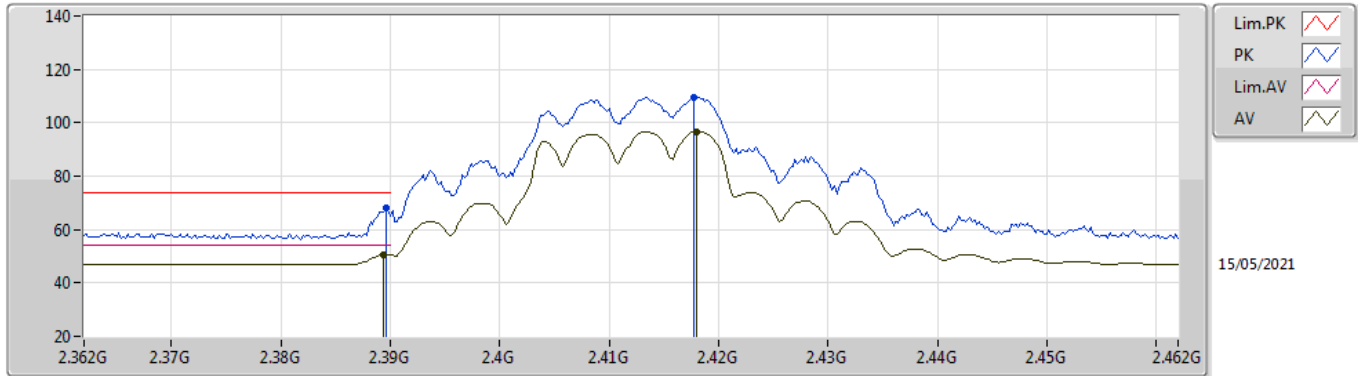
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.44	54.00	-1.56	34.88	3	Vertical	280	2.70	-	17.56	27.62	7.26	-
AV	2.4172G	101.59	Inf	-Inf	34.80	3	Vertical	280	2.70	-	66.79	27.53	7.27	-
PK	2.3896G	67.21	74.00	-6.79	34.88	3	Vertical	280	2.70	-	32.33	27.62	7.26	-
PK	2.4176G	114.68	Inf	-Inf	34.80	3	Vertical	280	2.70	-	79.88	27.53	7.27	-

802.11g_Nss1,(6Mbps)_2TX

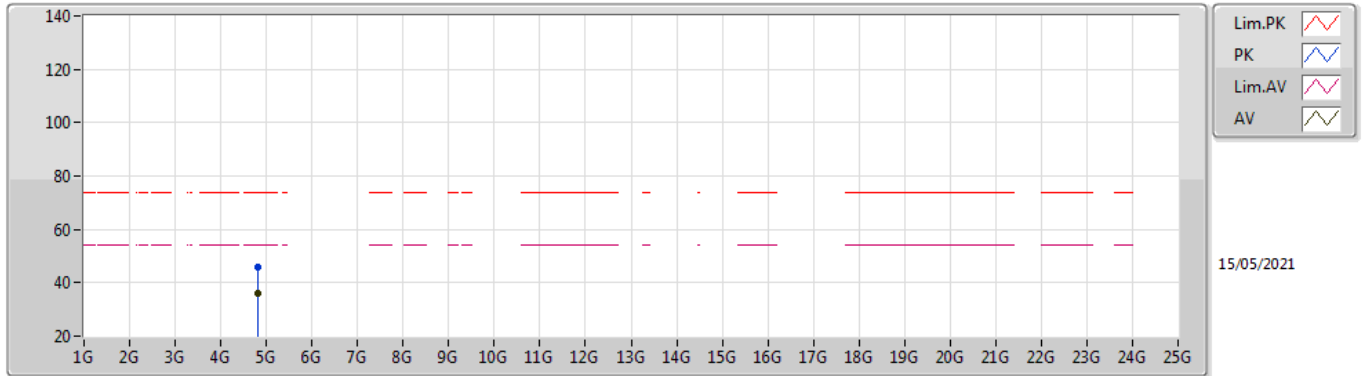
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	50.73	54.00	-3.27	34.88	3	Horizontal	310	2.89	-	15.85	27.62	7.26	-
AV	2.418G	96.76	Inf	-Inf	34.80	3	Horizontal	310	2.89	-	61.96	27.53	7.27	-
PK	2.3896G	67.93	74.00	-6.07	34.88	3	Horizontal	310	2.89	-	33.05	27.62	7.26	-
PK	2.4178G	109.46	Inf	-Inf	34.80	3	Horizontal	310	2.89	-	74.66	27.53	7.27	-

802.11g_Nss1,(6Mbps)_2TX

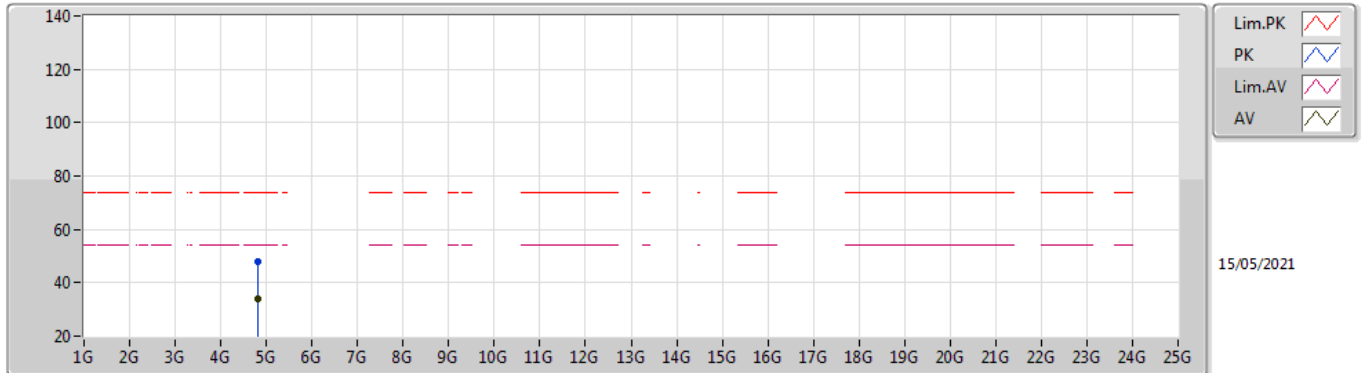
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	36.04	54.00	-17.96	5.64	3	Vertical	338	1.02	-	30.40	31.00	8.92	34.28
PK	4.82388G	45.93	74.00	-28.07	5.64	3	Vertical	338	1.02	-	40.29	31.00	8.92	34.28

802.11g_Nss1,(6Mbps)_2TX

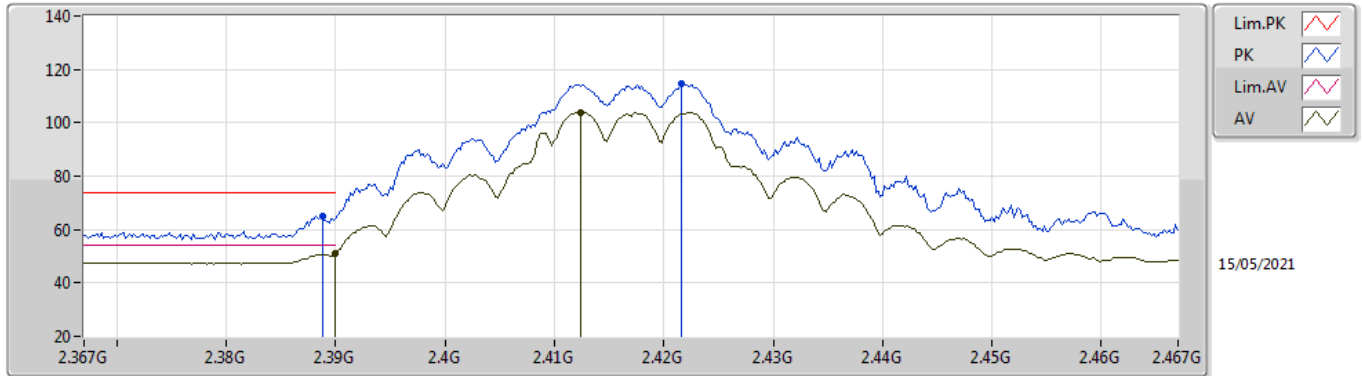
2412MHz_TX



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	4.82502G	33.95	54.00	-20.05	5.64	3	Horizontal	48	2.76	-	28.31	31.00	8.92	34.28
PK	4.82562G	47.80	74.00	-26.20	5.64	3	Horizontal	48	2.76	-	42.16	31.00	8.92	34.28

802.11g_Nss1,(6Mbps)_2TX

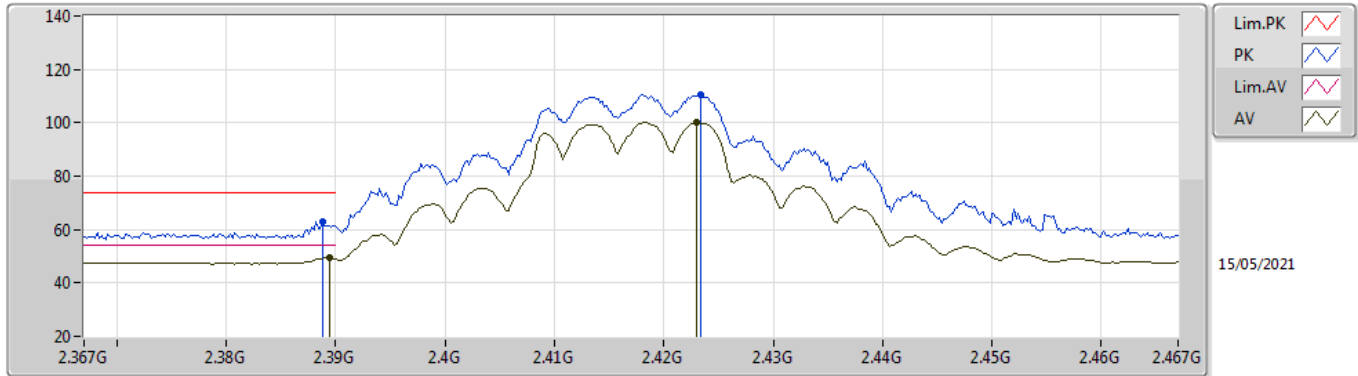
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.07	54.00	-2.93	34.88	3	Vertical	283	2.70	-	16.19	27.62	7.26	-
AV	2.4124G	104.03	Inf	-Inf	34.82	3	Vertical	283	2.70	-	69.21	27.55	7.27	-
PK	2.3888G	65.13	74.00	-8.87	34.87	3	Vertical	283	2.70	-	30.26	27.62	7.25	-
PK	2.4216G	114.41	Inf	-Inf	34.79	3	Vertical	283	2.70	-	79.62	27.51	7.28	-

802.11g_Nss1,(6Mbps)_2TX

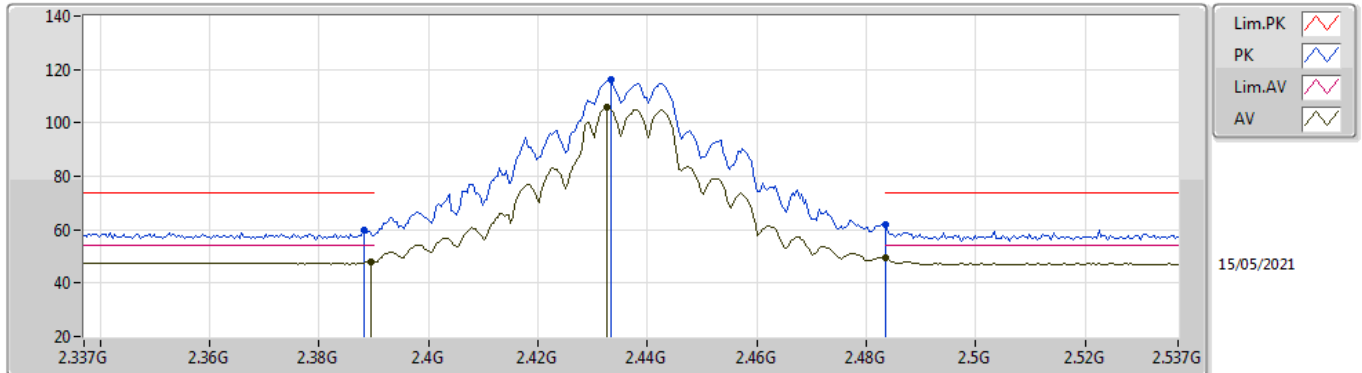
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	49.61	54.00	-4.39	34.88	3	Horizontal	311	2.88	-	14.73	27.62	7.26	-
AV	2.423G	100.04	Inf	-Inf	34.79	3	Horizontal	311	2.88	-	65.25	27.51	7.28	-
PK	2.3888G	62.88	74.00	-11.12	34.87	3	Horizontal	311	2.88	-	28.01	27.62	7.25	-
PK	2.4234G	110.27	Inf	-Inf	34.79	3	Horizontal	311	2.88	-	75.48	27.51	7.28	-

802.11g_Nss1,(6Mbps)_2TX

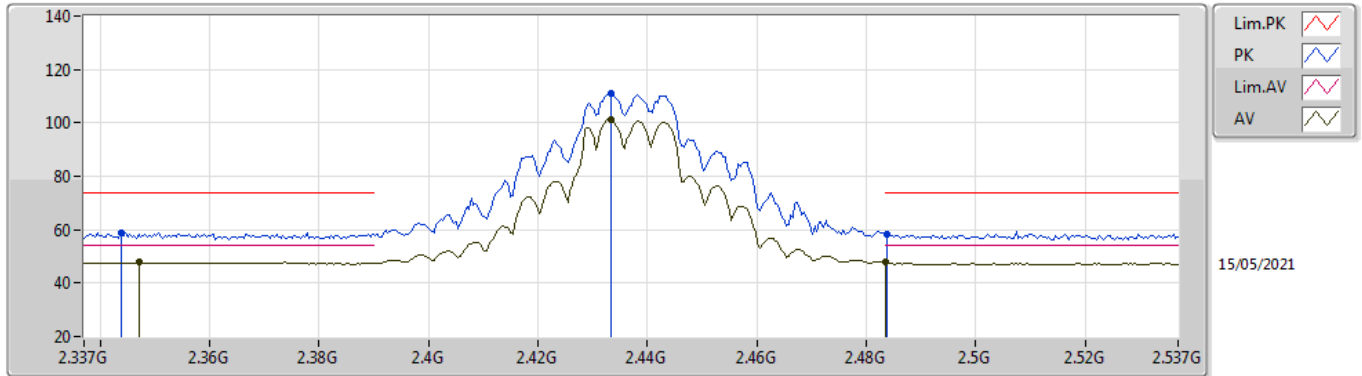
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	47.87	54.00	-6.13	34.88	3	Vertical	275	3.00	-	12.99	27.62	7.26	-
AV	2.4326G	105.65	Inf	-Inf	34.76	3	Vertical	275	3.00	-	70.89	27.47	7.29	-
AV	2.4835G	49.36	54.00	-4.64	34.73	3	Vertical	275	3.00	-	14.63	27.40	7.33	-
PK	2.3882G	59.67	74.00	-14.33	34.87	3	Vertical	275	3.00	-	24.80	27.62	7.25	-
PK	2.4334G	116.00	Inf	-Inf	34.76	3	Vertical	275	3.00	-	81.24	27.47	7.29	-
PK	2.4835G	61.94	74.00	-12.06	34.73	3	Vertical	275	3.00	-	27.21	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

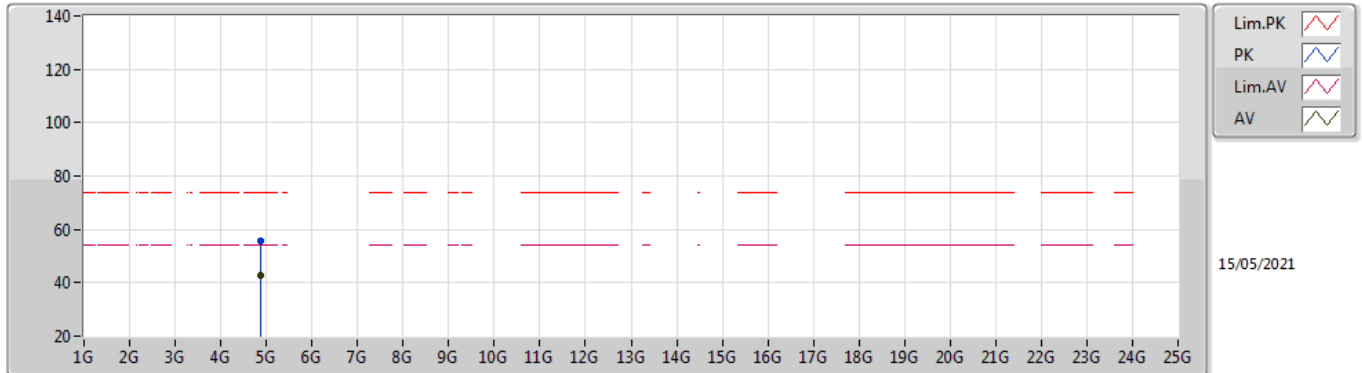
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.347G	47.70	54.00	-6.30	34.95	3	Horizontal	316	2.88	-	12.75	27.71	7.24	-
AV	2.4334G	101.18	Inf	-Inf	34.76	3	Horizontal	316	2.88	-	66.42	27.47	7.29	-
AV	2.4835G	47.99	54.00	-6.01	34.73	3	Horizontal	316	2.88	-	13.26	27.40	7.33	-
PK	2.3438G	59.00	74.00	-15.00	34.95	3	Horizontal	316	2.88	-	24.05	27.72	7.23	-
PK	2.4334G	111.25	Inf	-Inf	34.76	3	Horizontal	316	2.88	-	76.49	27.47	7.29	-
PK	2.4838G	58.40	74.00	-15.60	34.73	3	Horizontal	316	2.88	-	23.67	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

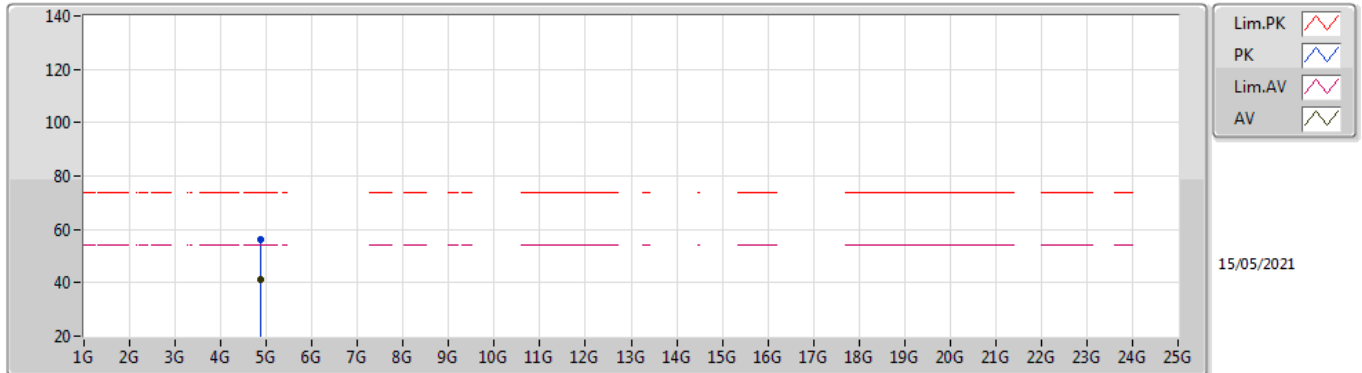
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87148G	42.86	54.00	-11.14	5.75	3	Vertical	348	2.84	-	37.11	31.06	8.95	34.26
PK	4.87106G	55.67	74.00	-18.33	5.75	3	Vertical	348	2.84	-	49.92	31.06	8.95	34.26

802.11g_Nss1,(6Mbps)_2TX

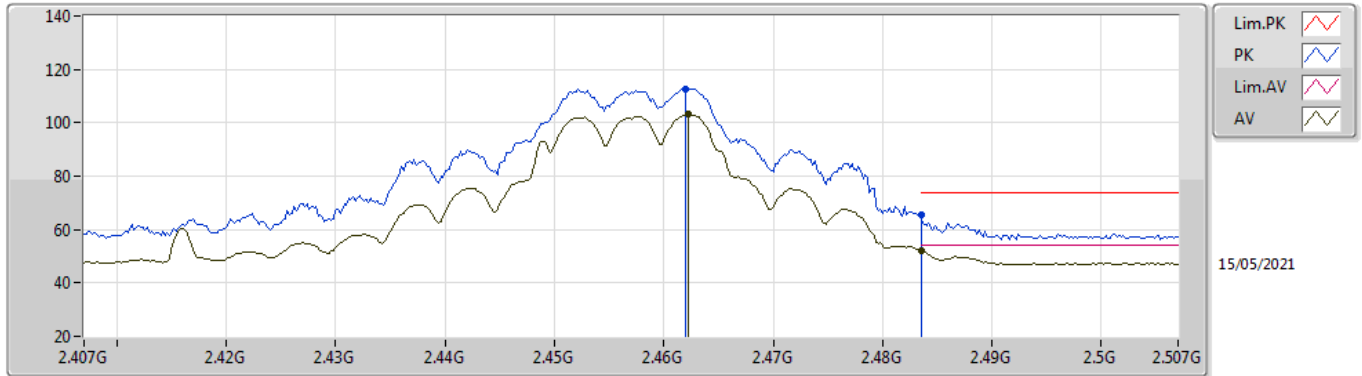
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87562G	41.22	54.00	-12.78	5.75	3	Horizontal	36	2.62	-	35.47	31.05	8.96	34.26
PK	4.8761G	55.99	74.00	-18.01	5.75	3	Horizontal	36	2.62	-	50.24	31.05	8.96	34.26

802.11g_Nss1,(6Mbps)_2TX

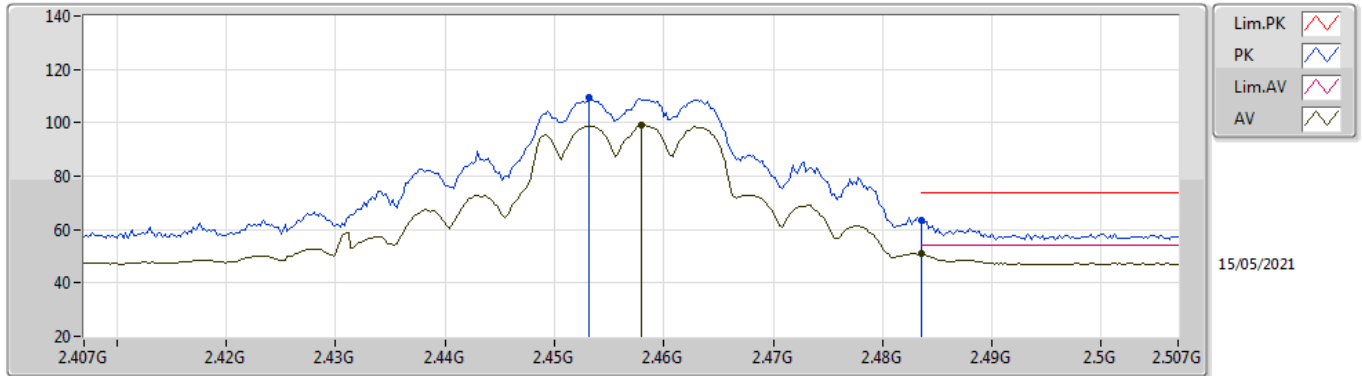
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4622G	103.08	Inf	-Inf	34.71	3	Vertical	285	2.86	-	68.37	27.40	7.31	-
AV	2.4835G	52.31	54.00	-1.69	34.73	3	Vertical	285	2.86	-	17.58	27.40	7.33	-
PK	2.462G	112.80	Inf	-Inf	34.71	3	Vertical	285	2.86	-	78.09	27.40	7.31	-
PK	2.4835G	65.35	74.00	-8.65	34.73	3	Vertical	285	2.86	-	30.62	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

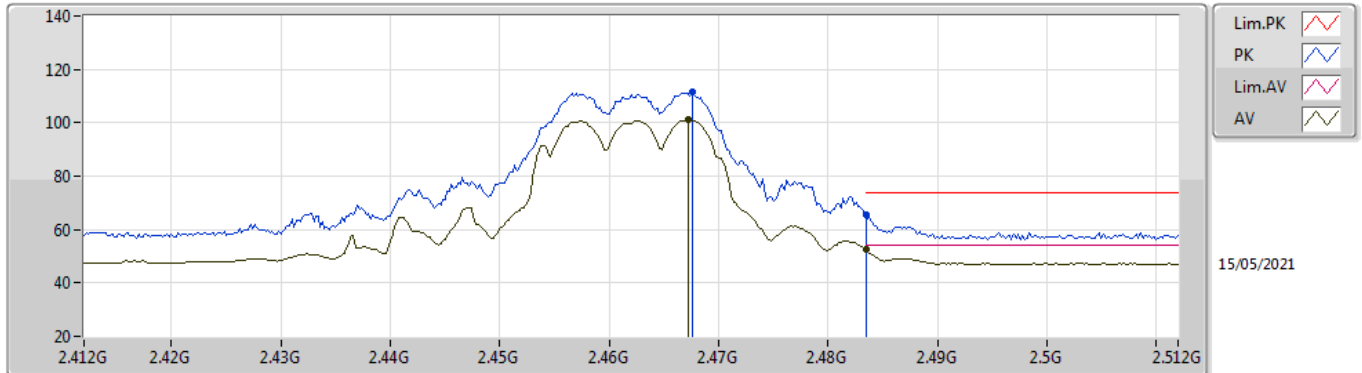
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.458G	99.02	Inf	-Inf	34.71	3	Horizontal	313	2.81	-	64.31	27.40	7.31	-
AV	2.4835G	50.82	54.00	-3.18	34.73	3	Horizontal	313	2.81	-	16.09	27.40	7.33	-
PK	2.4532G	109.26	Inf	-Inf	34.70	3	Horizontal	313	2.81	-	74.56	27.40	7.30	-
PK	2.4835G	63.45	74.00	-10.55	34.73	3	Horizontal	313	2.81	-	28.72	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

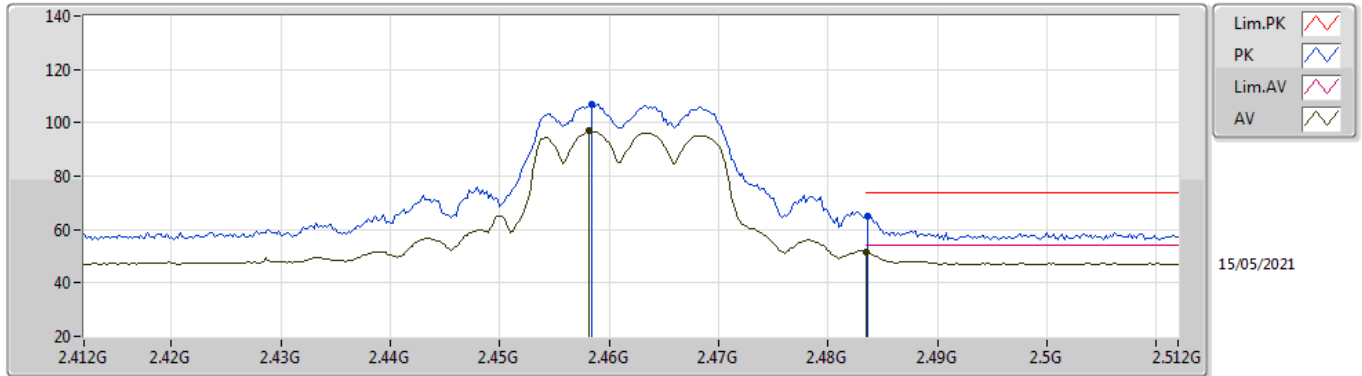
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4672G	101.13	Inf	-Inf	34.71	3	Vertical	288	2.88	-	66.42	27.40	7.31	-
AV	2.4835G	52.82	54.00	-1.18	34.73	3	Vertical	288	2.88	-	18.09	27.40	7.33	-
PK	2.4676G	111.72	Inf	-Inf	34.71	3	Vertical	288	2.88	-	77.01	27.40	7.31	-
PK	2.4835G	65.73	74.00	-8.27	34.73	3	Vertical	288	2.88	-	31.00	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

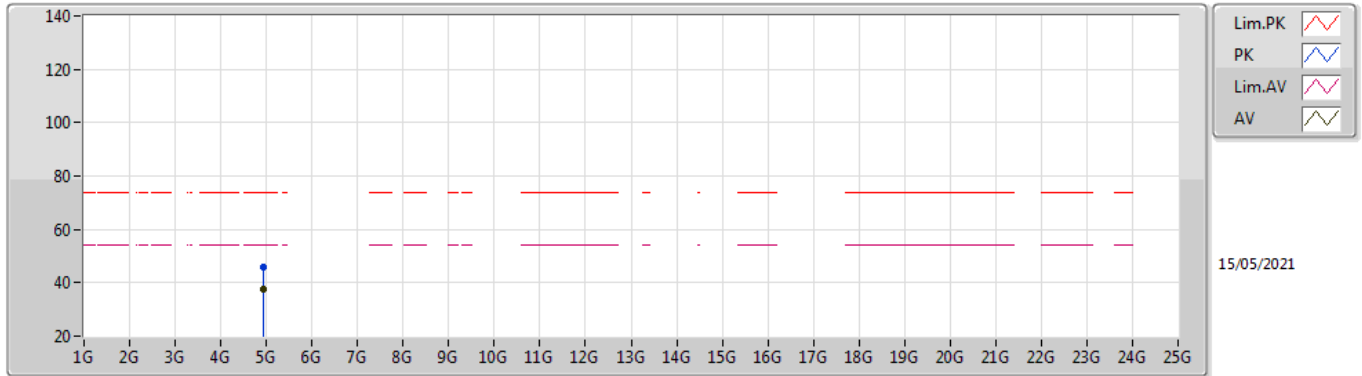
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	2.4584G	107.03	Inf	-Inf	34.71	3	Horizontal	312	2.81	-	72.32	27.40	7.31	-
AV	2.4582G	96.87	Inf	-Inf	34.71	3	Horizontal	312	2.81	-	62.16	27.40	7.31	-
PK	2.4836G	64.94	74.00	-9.06	34.73	3	Horizontal	312	2.81	-	30.21	27.40	7.33	-
AV	2.4835G	51.37	54.00	-2.63	34.73	3	Horizontal	312	2.81	-	16.64	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

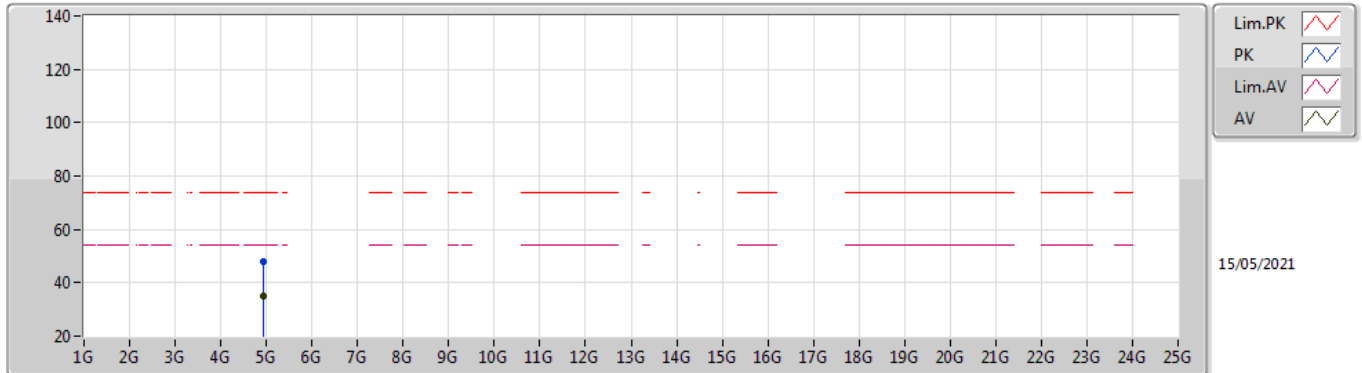
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	37.43	54.00	-16.57	5.84	3	Vertical	338	1.05	-	31.59	31.10	8.99	34.25
PK	4.92382G	45.92	74.00	-28.08	5.84	3	Vertical	338	1.05	-	40.08	31.10	8.99	34.25

802.11g_Nss1,(6Mbps)_2TX

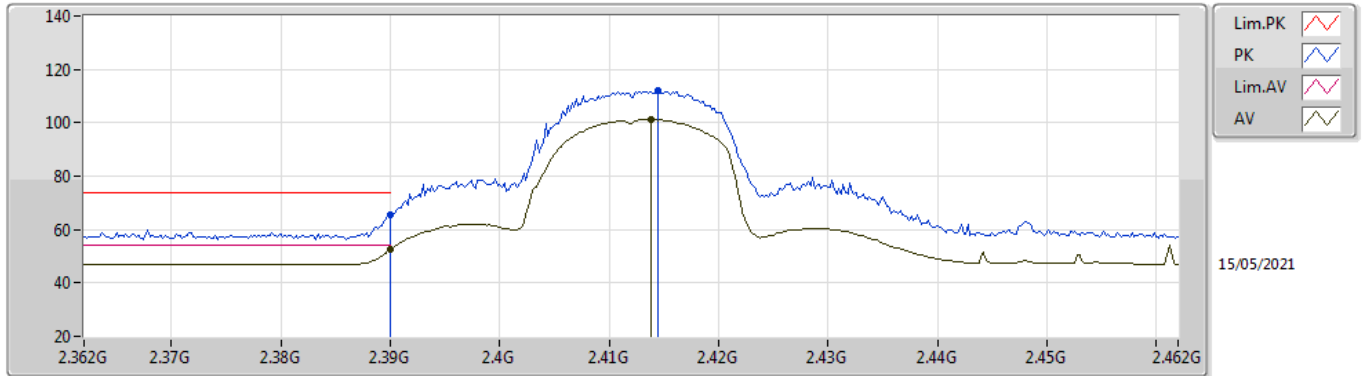
2462MHz_TX



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	4.92676G	34.96	54.00	-19.04	5.87	3	Horizontal	124	2.31	-	29.09	31.11	9.00	34.24
PK	4.93126G	48.00	74.00	-26.00	5.89	3	Horizontal	124	2.31	-	42.11	31.13	9.00	34.24

802.11n HT20_Nss1,(MCS0)_2TX

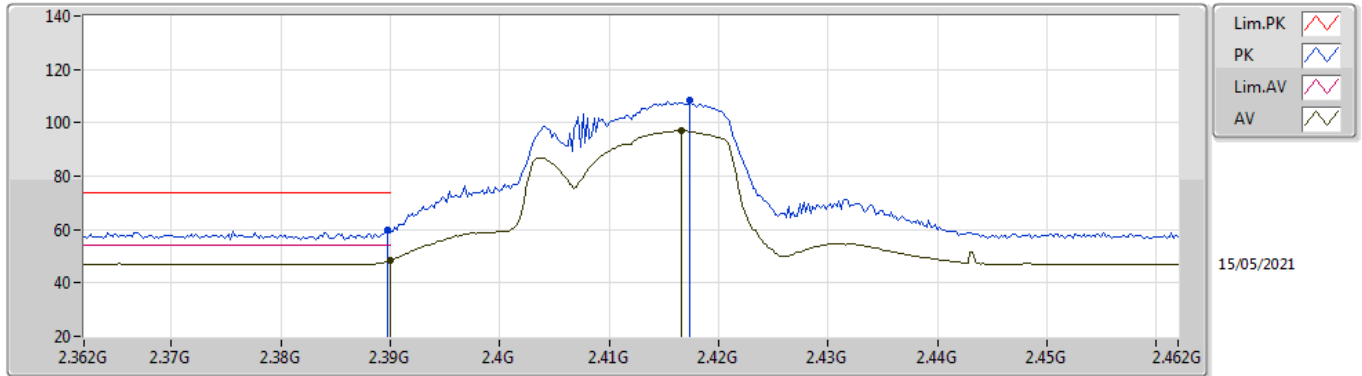
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.60	54.00	-1.40	34.88	3	Vertical	280	2.69	-	17.72	27.62	7.26	-
AV	2.4138G	101.35	Inf	-Inf	34.81	3	Vertical	280	2.69	-	66.54	27.54	7.27	-
PK	2.39G	65.29	74.00	-8.71	34.88	3	Vertical	280	2.69	-	30.41	27.62	7.26	-
PK	2.4144G	112.21	Inf	-Inf	34.81	3	Vertical	280	2.69	-	77.40	27.54	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

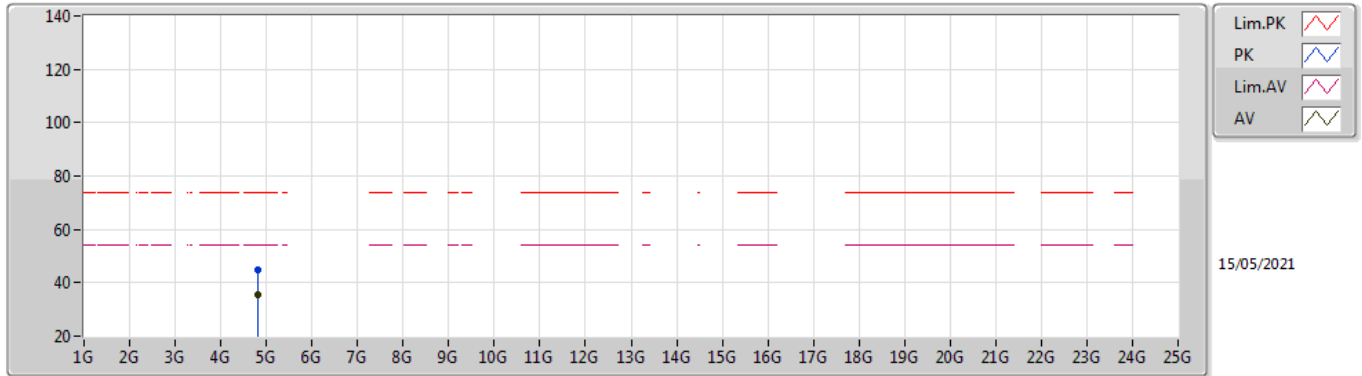
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.37	54.00	-5.63	34.88	3	Horizontal	312	2.90	-	13.49	27.62	7.26	-
AV	2.4166G	96.93	Inf	-Inf	34.80	3	Horizontal	312	2.90	-	62.13	27.53	7.27	-
PK	2.3898G	59.59	74.00	-14.41	34.88	3	Horizontal	312	2.90	-	24.71	27.62	7.26	-
PK	2.4174G	108.36	Inf	-Inf	34.80	3	Horizontal	312	2.90	-	73.56	27.53	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

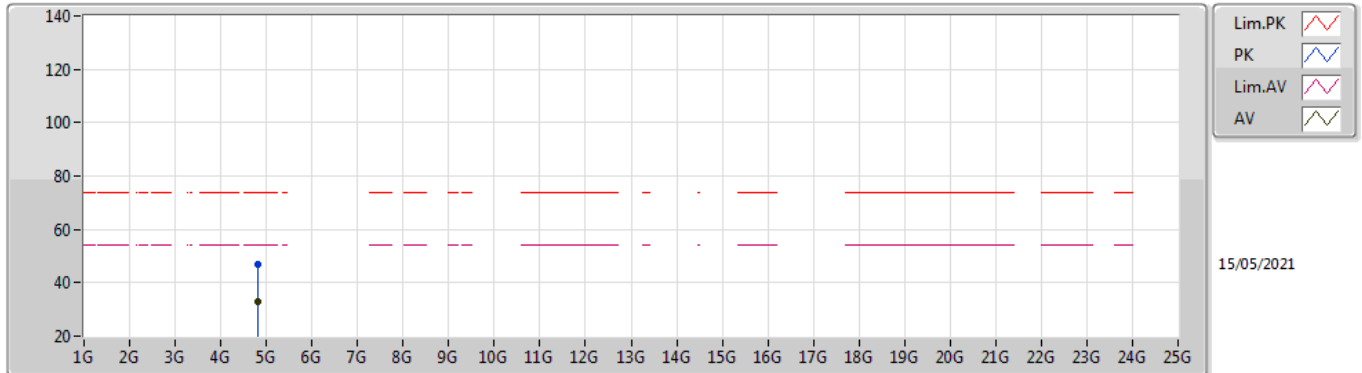
2412MHz_TX



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	4.824G	35.46	54.00	-18.54	5.64	3	Vertical	343	1.06	-	29.82	31.00	8.92	34.28
PK	4.82406G	44.96	74.00	-29.04	5.64	3	Vertical	343	1.06	-	39.32	31.00	8.92	34.28

802.11n HT20_Nss1,(MCS0)_2TX

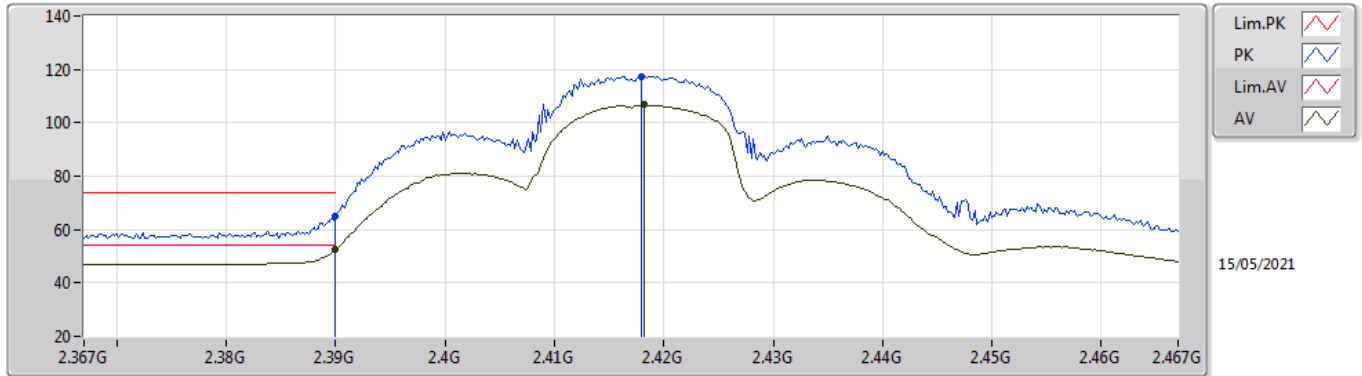
2412MHz_TX



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	4.82406G	33.03	54.00	-20.97	5.64	3	Horizontal	155	2.86	-	27.39	31.00	8.92	34.28
PK	4.82088G	46.99	74.00	-27.01	5.62	3	Horizontal	155	2.86	-	41.37	30.98	8.92	34.28

802.11n HT20_Nss1,(MCS0)_2TX

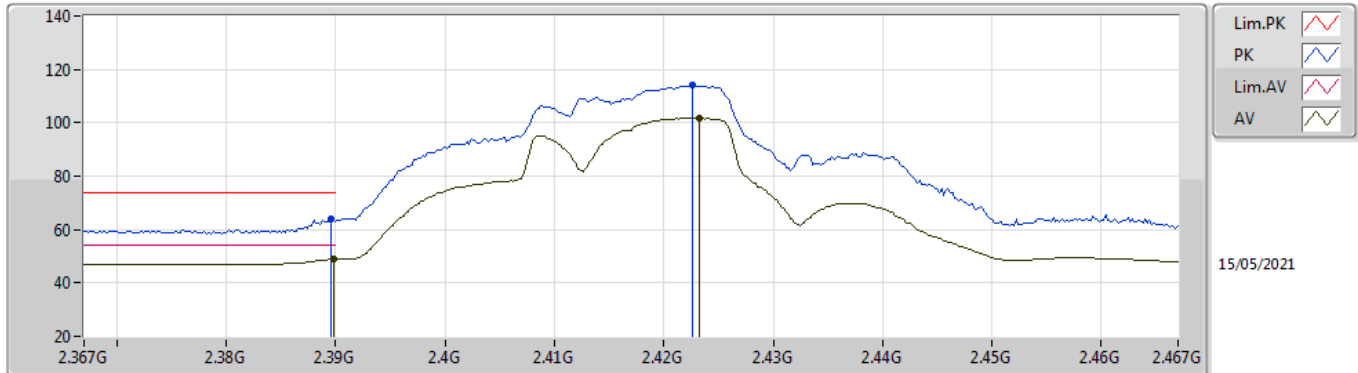
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.57	54.00	-1.43	34.88	3	Vertical	280	2.70	-	17.69	27.62	7.26	-
AV	2.4182G	106.72	Inf	-Inf	34.80	3	Vertical	280	2.70	-	71.92	27.53	7.27	-
PK	2.39G	64.82	74.00	-9.18	34.88	3	Vertical	280	2.70	-	29.94	27.62	7.26	-
PK	2.418G	117.33	Inf	-Inf	34.80	3	Vertical	280	2.70	-	82.53	27.53	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

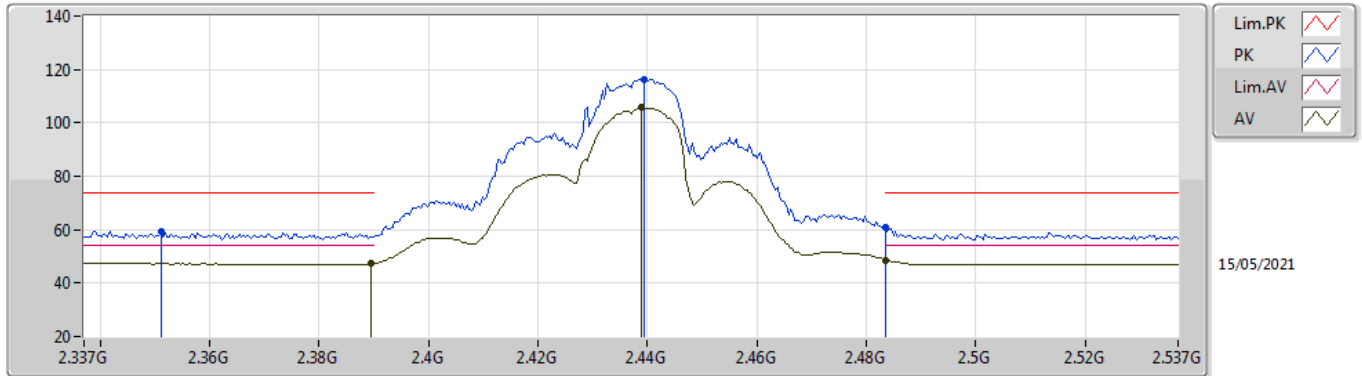
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.85	54.00	-5.15	34.88	3	Horizontal	306	2.88	-	13.97	27.62	7.26	-
AV	2.4232G	101.85	Inf	-Inf	34.79	3	Horizontal	306	2.88	-	67.06	27.51	7.28	-
PK	2.3896G	63.86	74.00	-10.14	34.88	3	Horizontal	306	2.88	-	28.98	27.62	7.26	-
PK	2.4226G	113.91	Inf	-Inf	34.79	3	Horizontal	306	2.88	-	79.12	27.51	7.28	-

802.11n HT20_Nss1,(MCS0)_2TX

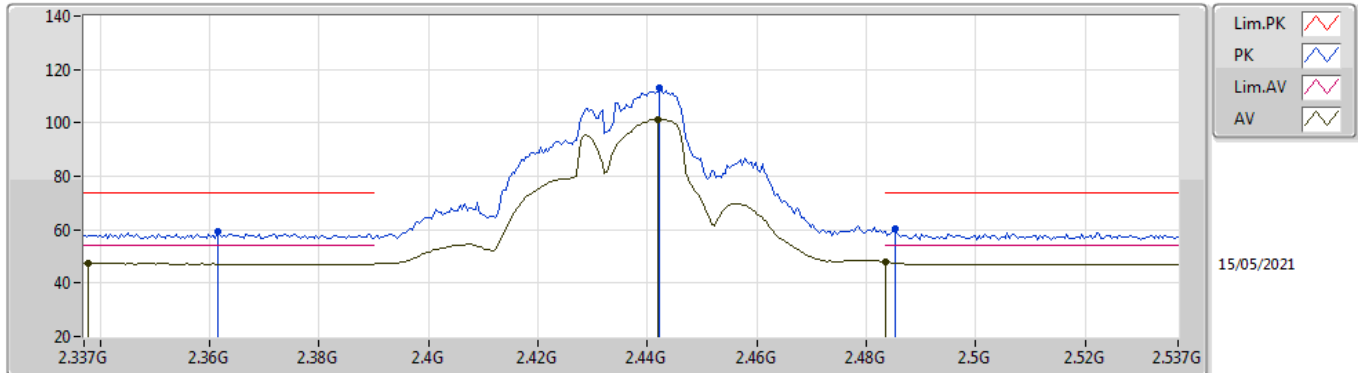
2437MHz_TX



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	2.3894G	47.35	54.00	-6.65	34.88	3	Vertical	279	2.64	-	12.47	27.62	7.26	-
AV	2.439G	105.61	Inf	-Inf	34.73	3	Vertical	279	2.64	-	70.88	27.44	7.29	-
AV	2.4835G	48.64	54.00	-5.36	34.73	3	Vertical	279	2.64	-	13.91	27.40	7.33	-
PK	2.351G	59.19	74.00	-14.81	34.94	3	Vertical	279	2.64	-	24.25	27.70	7.24	-
PK	2.4394G	116.30	Inf	-Inf	34.73	3	Vertical	279	2.64	-	81.57	27.44	7.29	-
PK	2.4835G	60.75	74.00	-13.25	34.73	3	Vertical	279	2.64	-	26.02	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

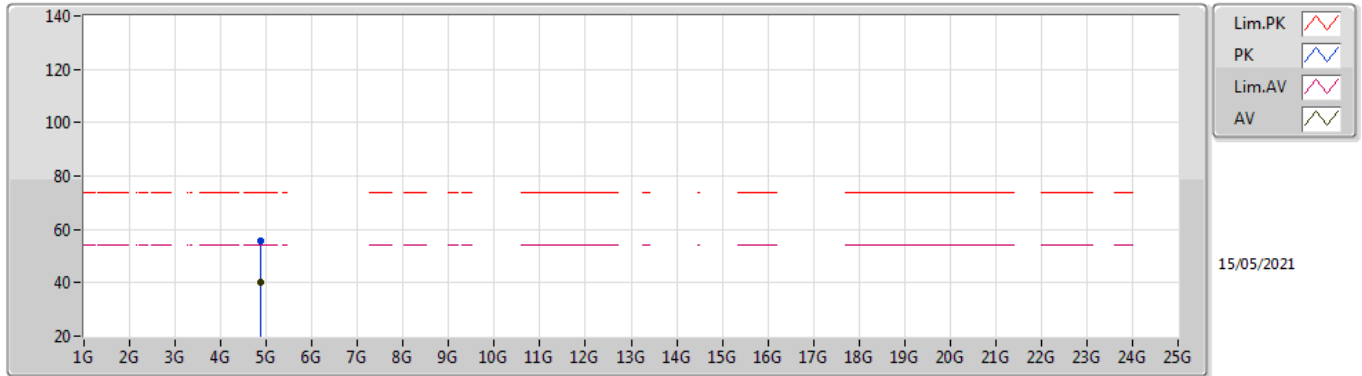
2437MHz_TX



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	2.3378G	47.32	54.00	-6.68	34.98	3	Horizontal	305	2.85	-	12.34	27.75	7.23	-
AV	2.4418G	101.32	Inf	-Inf	34.72	3	Horizontal	305	2.85	-	66.60	27.43	7.29	-
AV	2.4835G	47.94	54.00	-6.06	34.73	3	Horizontal	305	2.85	-	13.21	27.40	7.33	-
PK	2.3614G	59.08	74.00	-14.92	34.92	3	Horizontal	305	2.85	-	24.16	27.68	7.24	-
PK	2.4422G	113.14	Inf	-Inf	34.72	3	Horizontal	305	2.85	-	78.42	27.43	7.29	-
PK	2.4854G	60.33	74.00	-13.67	34.73	3	Horizontal	305	2.85	-	25.60	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

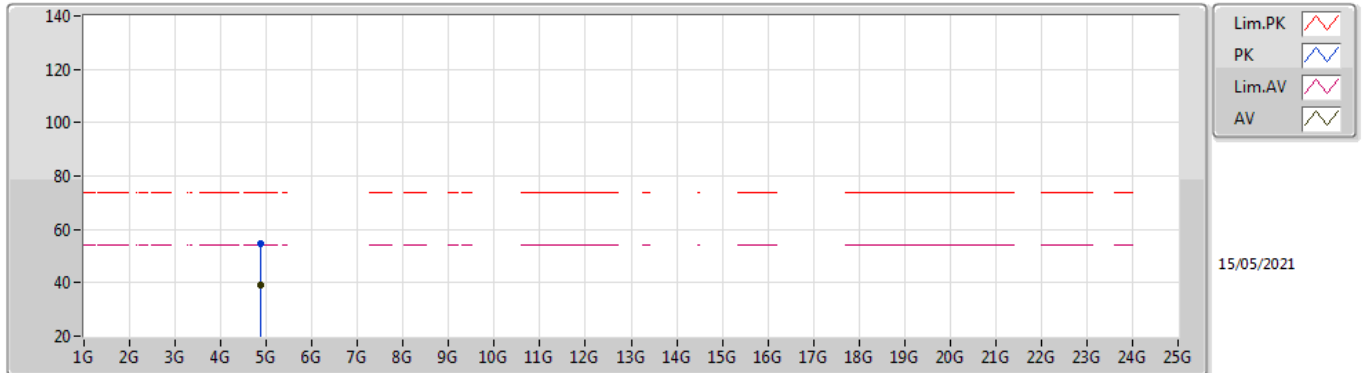
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.86596G	39.94	54.00	-14.06	5.75	3	Vertical	355	2.86	-	34.19	31.07	8.95	34.27
PK	4.86452G	55.68	74.00	-18.32	5.75	3	Vertical	355	2.86	-	49.93	31.07	8.95	34.27

802.11n HT20_Nss1,(MCS0)_2TX

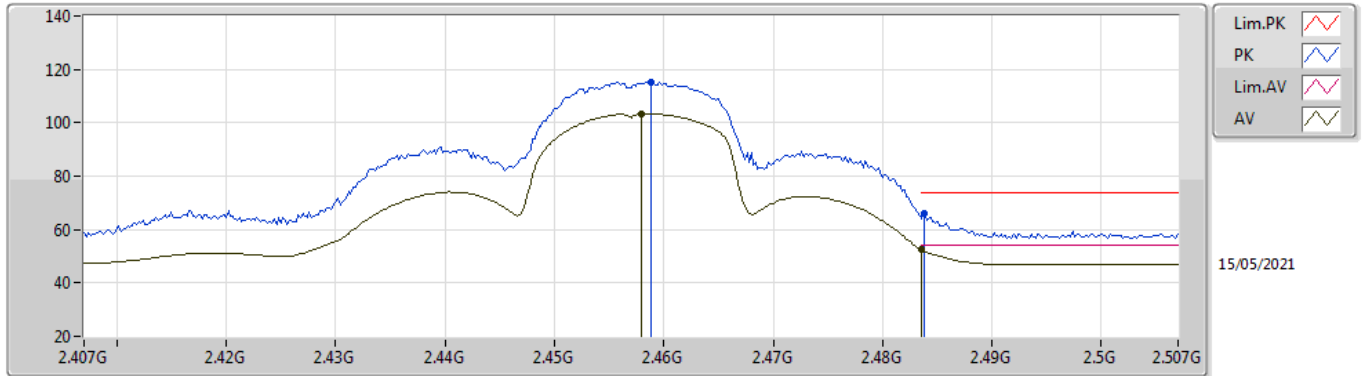
2437MHz_TX



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	4.8788G	39.21	54.00	-14.79	5.74	3	Horizontal	-0	2.86	-	33.47	31.04	8.96	34.26
PK	4.87904G	54.69	74.00	-19.31	5.74	3	Horizontal	-0	2.86	-	48.95	31.04	8.96	34.26

802.11n HT20_Nss1,(MCS0)_2TX

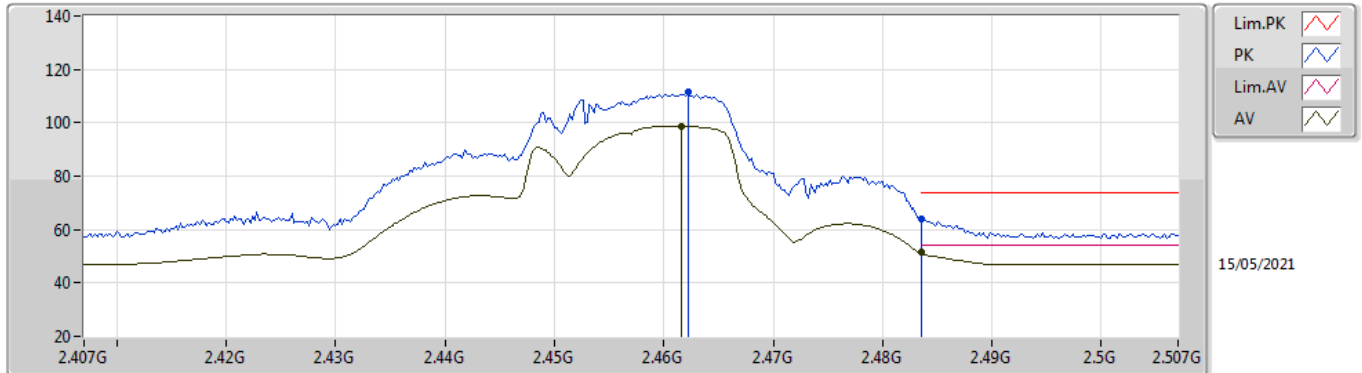
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.458G	103.36	Inf	-Inf	34.71	3	Vertical	285	2.88	-	68.65	27.40	7.31	-
AV	2.4835G	52.57	54.00	-1.43	34.73	3	Vertical	285	2.88	-	17.84	27.40	7.33	-
PK	2.4588G	115.34	Inf	-Inf	34.71	3	Vertical	285	2.88	-	80.63	27.40	7.31	-
PK	2.4838G	65.83	74.00	-8.17	34.73	3	Vertical	285	2.88	-	31.10	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

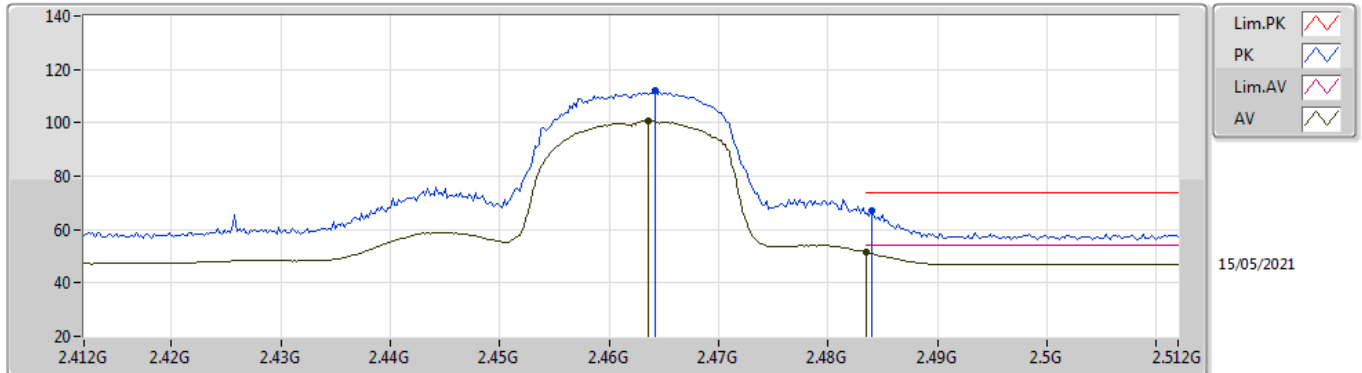
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4616G	98.76	Inf	-Inf	34.71	3	Horizontal	312	2.83	-	64.05	27.40	7.31	-
AV	2.4835G	51.34	54.00	-2.66	34.73	3	Horizontal	312	2.83	-	16.61	27.40	7.33	-
PK	2.4622G	111.43	Inf	-Inf	34.71	3	Horizontal	312	2.83	-	76.72	27.40	7.31	-
PK	2.4835G	64.11	74.00	-9.89	34.73	3	Horizontal	312	2.83	-	29.38	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

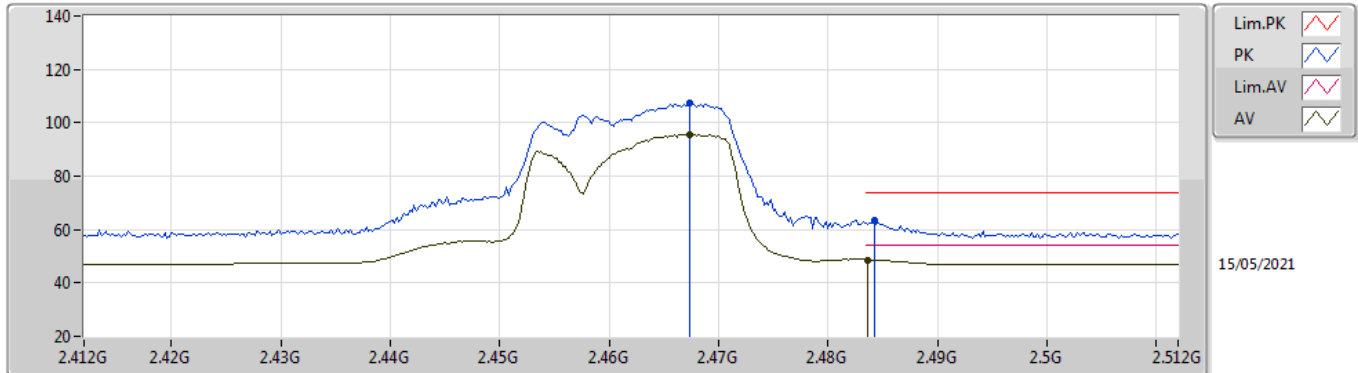
2462MHz_TX



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	2.4636G	100.57	Inf	-Inf	34.71	3	Vertical	287	2.90	-	65.86	27.40	7.31	-
AV	2.4835G	51.45	54.00	-2.55	34.73	3	Vertical	287	2.90	-	16.72	27.40	7.33	-
PK	2.4642G	112.00	Inf	-Inf	34.71	3	Vertical	287	2.90	-	77.29	27.40	7.31	-
PK	2.484G	66.86	74.00	-7.14	34.73	3	Vertical	287	2.90	-	32.13	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

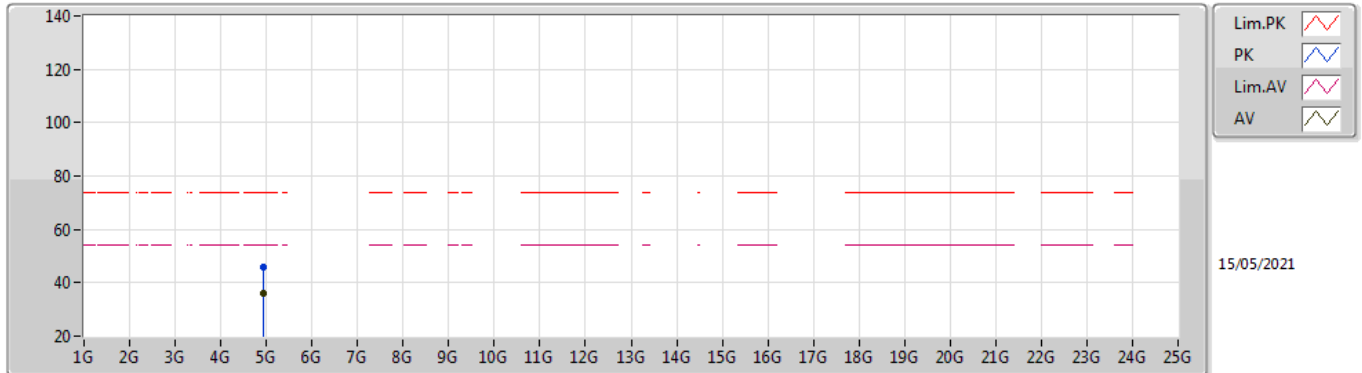
2462MHz_TX



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	2.4674G	95.61	Inf	-Inf	34.71	3	Horizontal	310	2.74	-	60.90	27.40	7.31	-
AV	2.4836G	48.69	54.00	-5.31	34.73	3	Horizontal	310	2.74	-	13.96	27.40	7.33	-
PK	2.4674G	107.49	Inf	-Inf	34.71	3	Horizontal	310	2.74	-	72.78	27.40	7.31	-
PK	2.4842G	63.32	74.00	-10.68	34.73	3	Horizontal	310	2.74	-	28.59	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

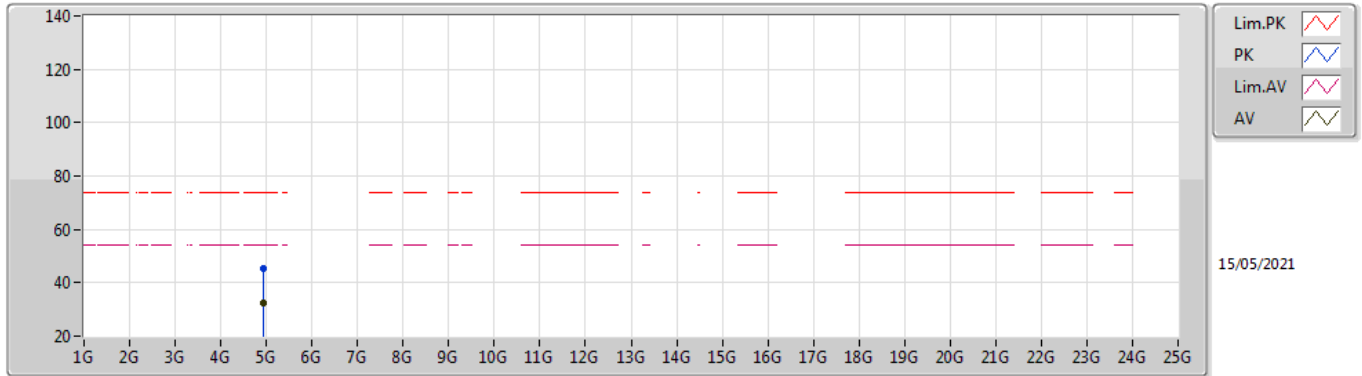
2462MHz_TX



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	4.924G	36.18	54.00	-17.82	5.84	3	Vertical	345	1.17	-	30.34	31.10	8.99	34.25
PK	4.92394G	45.83	74.00	-28.17	5.84	3	Vertical	345	1.17	-	39.99	31.10	8.99	34.25

802.11n HT20_Nss1,(MCS0)_2TX

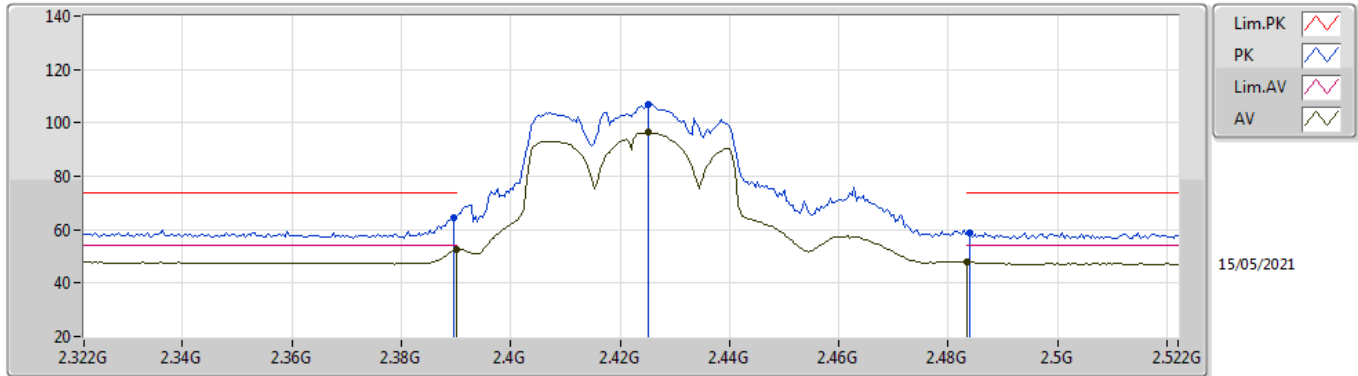
2462MHz_TX



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	4.92394G	32.33	54.00	-21.67	5.84	3	Horizontal	195	1.50	-	26.49	31.10	8.99	34.25
PK	4.92076G	45.20	74.00	-28.80	5.82	3	Horizontal	195	1.50	-	39.38	31.08	8.99	34.25

802.11n HT40_Nss1,(MCS0)_2TX

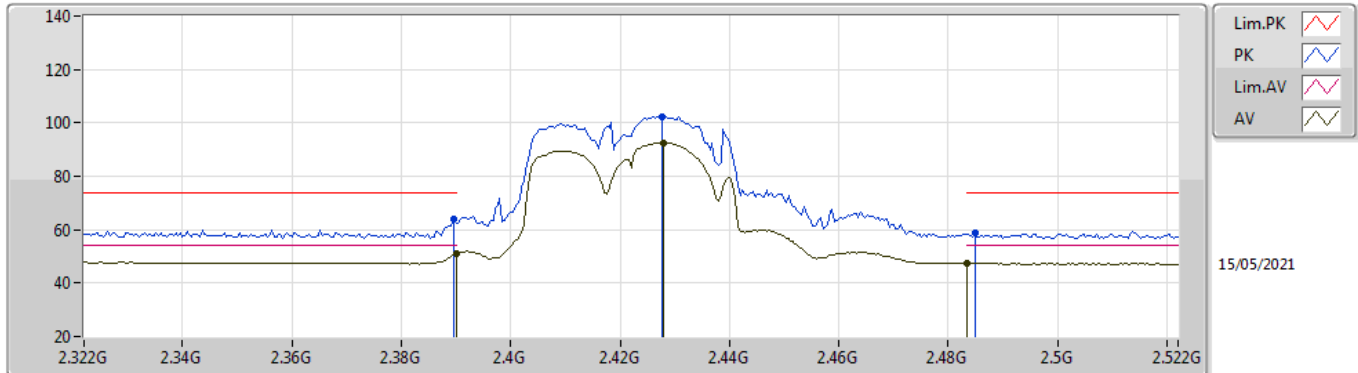
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.34	54.00	-1.66	34.88	3	Vertical	273	2.95	-	17.46	27.62	7.26	-
AV	2.4252G	96.54	Inf	-Inf	34.78	3	Vertical	273	2.95	-	61.76	27.50	7.28	-
AV	2.4835G	47.75	54.00	-6.25	34.73	3	Vertical	273	2.95	-	13.02	27.40	7.33	-
PK	2.3896G	64.49	74.00	-9.51	34.88	3	Vertical	273	2.95	-	29.61	27.62	7.26	-
PK	2.4252G	107.05	Inf	-Inf	34.78	3	Vertical	273	2.95	-	72.27	27.50	7.28	-
PK	2.484G	58.88	74.00	-15.12	34.73	3	Vertical	273	2.95	-	24.15	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

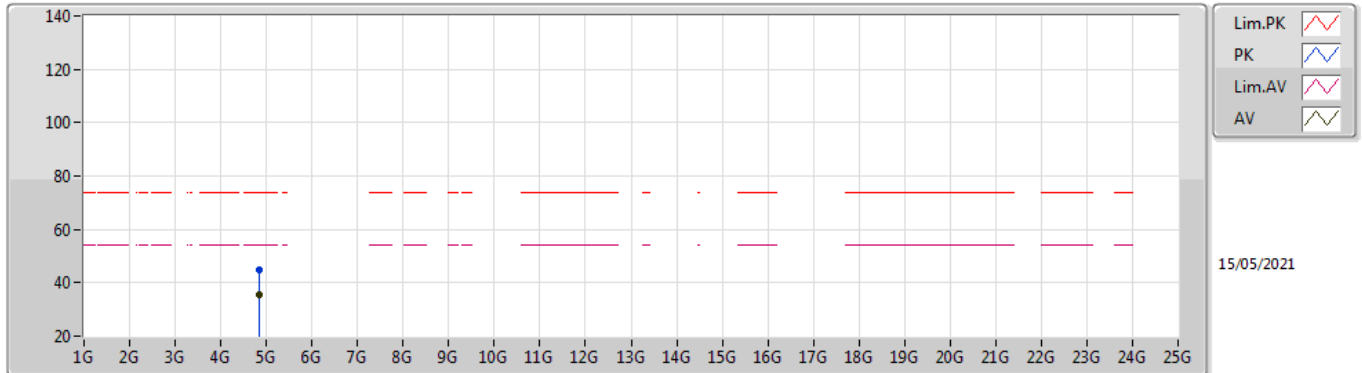
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.79	54.00	-3.21	34.88	3	Horizontal	304	2.88	-	15.91	27.62	7.26	-
AV	2.428G	92.61	Inf	-Inf	34.77	3	Horizontal	304	2.88	-	57.84	27.49	7.28	-
AV	2.4835G	47.47	54.00	-6.53	34.73	3	Horizontal	304	2.88	-	12.74	27.40	7.33	-
PK	2.3896G	63.99	74.00	-10.01	34.88	3	Horizontal	304	2.88	-	29.11	27.62	7.26	-
PK	2.4276G	102.41	Inf	-Inf	34.77	3	Horizontal	304	2.88	-	67.64	27.49	7.28	-
PK	2.4848G	58.80	74.00	-15.20	34.73	3	Horizontal	304	2.88	-	24.07	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

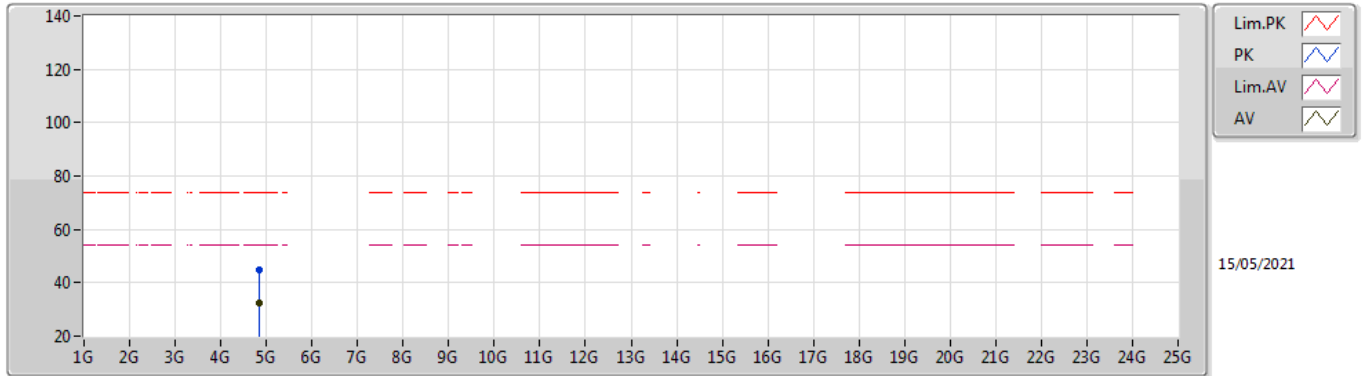
2422MHz_TX



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	4.8439G	35.71	54.00	-18.29	5.74	3	Vertical	346	1.13	-	29.97	31.08	8.93	34.27
PK	4.8441G	44.94	74.00	-29.06	5.74	3	Vertical	346	1.13	-	39.20	31.08	8.93	34.27

802.11n HT40_Nss1,(MCS0)_2TX

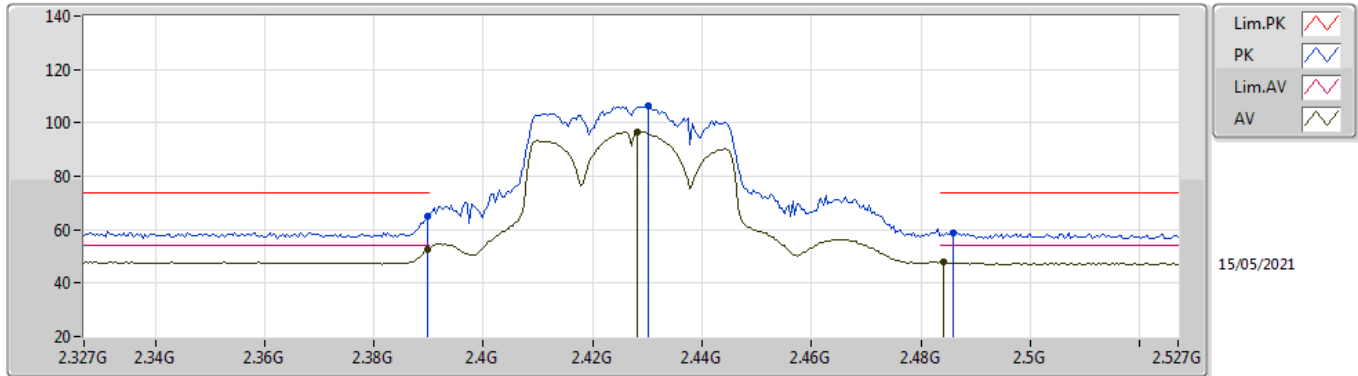
2422MHz_TX



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	4.8439G	32.67	54.00	-21.33	5.74	3	Horizontal	53	2.41	-	26.93	31.08	8.93	34.27
PK	4.8506G	44.64	74.00	-29.36	5.77	3	Horizontal	53	2.41	-	38.87	31.10	8.94	34.27

802.11n HT40_Nss1,(MCS0)_2TX

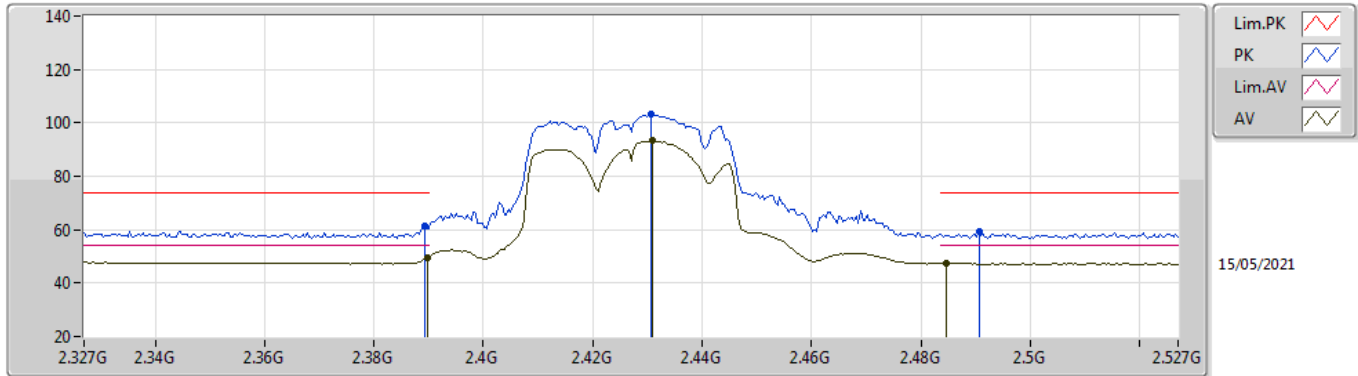
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.34	54.00	-1.66	34.88	3	Vertical	71	2.71	-	17.46	27.62	7.26	-
AV	2.4282G	96.48	Inf	-Inf	34.77	3	Vertical	71	2.71	-	61.71	27.49	7.28	-
AV	2.4842G	47.90	54.00	-6.10	34.73	3	Vertical	71	2.71	-	13.17	27.40	7.33	-
PK	2.3898G	65.15	74.00	-8.85	34.88	3	Vertical	71	2.71	-	30.27	27.62	7.26	-
PK	2.4302G	106.13	Inf	-Inf	34.76	3	Vertical	71	2.71	-	71.37	27.48	7.28	-
PK	2.4858G	58.84	74.00	-15.16	34.73	3	Vertical	71	2.71	-	24.11	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

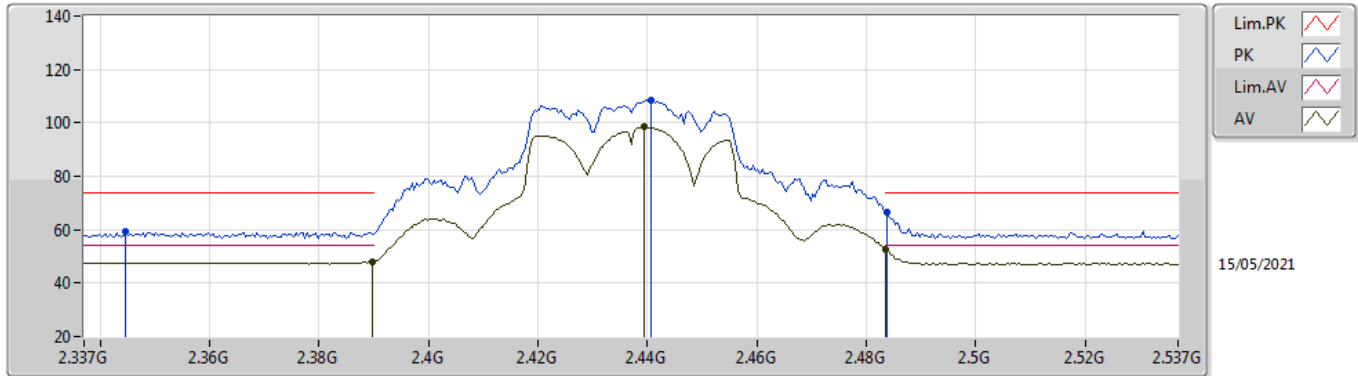
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.72	54.00	-4.28	34.88	3	Horizontal	317	2.89	-	14.84	27.62	7.26	-
AV	2.431G	93.19	Inf	-Inf	34.76	3	Horizontal	317	2.89	-	58.43	27.48	7.28	-
AV	2.4846G	47.46	54.00	-6.54	34.73	3	Horizontal	317	2.89	-	12.73	27.40	7.33	-
PK	2.3894G	61.53	74.00	-12.47	34.88	3	Horizontal	317	2.89	-	26.65	27.62	7.26	-
PK	2.4306G	103.09	Inf	-Inf	34.76	3	Horizontal	317	2.89	-	68.33	27.48	7.28	-
PK	2.4906G	59.25	74.00	-14.75	34.73	3	Horizontal	317	2.89	-	24.52	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

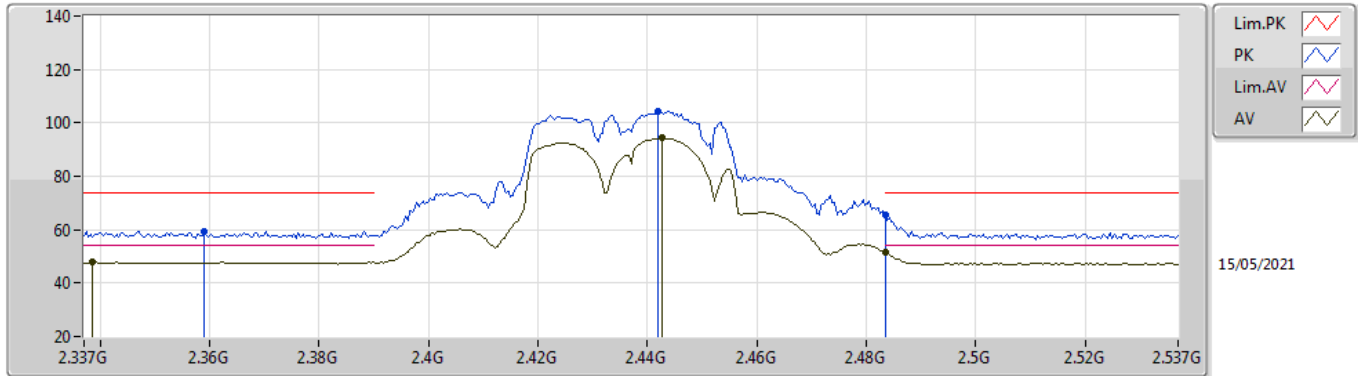
2437MHz_TX



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	47.90	54.00	-6.10	34.88	3	Vertical	279	2.65	-	13.02	27.62	7.26	-
AV	2.4394G	98.58	Inf	-Inf	34.73	3	Vertical	279	2.65	-	63.85	27.44	7.29	-
AV	2.4835G	52.39	54.00	-1.61	34.73	3	Vertical	279	2.65	-	17.66	27.40	7.33	-
PK	2.3446G	59.07	74.00	-14.93	34.96	3	Vertical	279	2.65	-	24.11	27.72	7.24	-
PK	2.4406G	108.37	Inf	-Inf	34.73	3	Vertical	279	2.65	-	73.64	27.44	7.29	-
PK	2.4838G	66.57	74.00	-7.43	34.73	3	Vertical	279	2.65	-	31.84	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

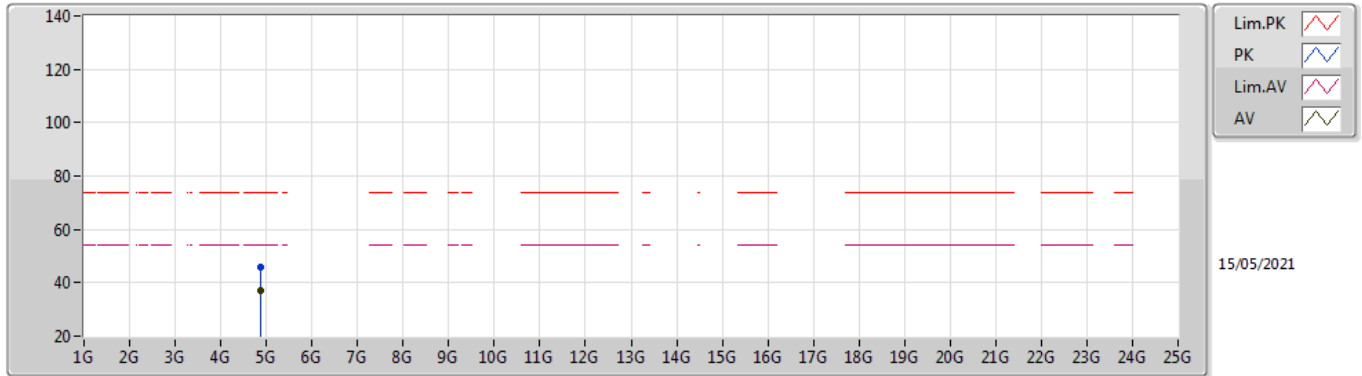
2437MHz_TX



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	2.3386G	47.79	54.00	-6.21	34.98	3	Horizontal	304	2.83	-	12.81	27.75	7.23	-
AV	2.4426G	94.31	Inf	-Inf	34.72	3	Horizontal	304	2.83	-	59.59	27.43	7.29	-
AV	2.4835G	51.31	54.00	-2.69	34.73	3	Horizontal	304	2.83	-	16.58	27.40	7.33	-
PK	2.359G	59.50	74.00	-14.50	34.92	3	Horizontal	304	2.83	-	24.58	27.68	7.24	-
PK	2.4418G	104.45	Inf	-Inf	34.72	3	Horizontal	304	2.83	-	69.73	27.43	7.29	-
PK	2.4835G	65.69	74.00	-8.31	34.73	3	Horizontal	304	2.83	-	30.96	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

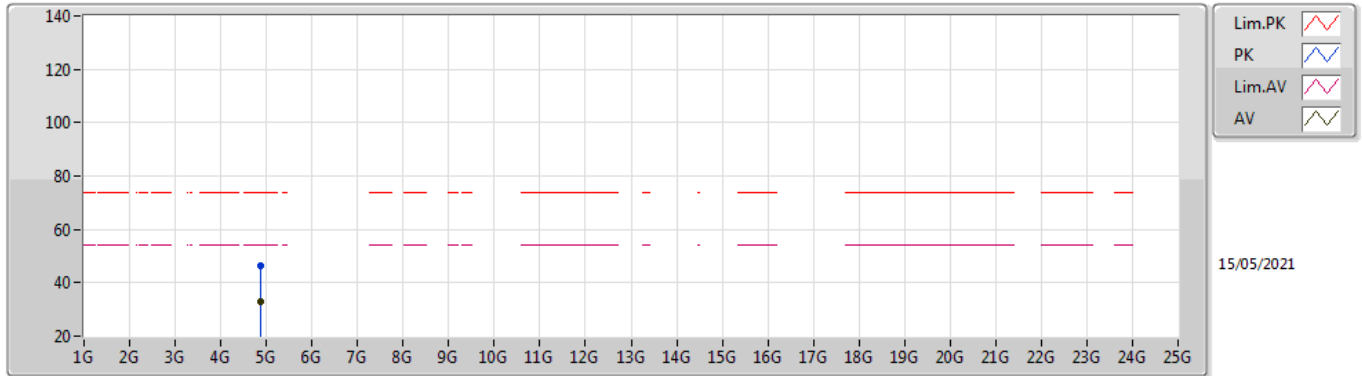
2437MHz_TX



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	4.874G	36.87	54.00	-17.13	5.75	3	Vertical	339	1.00	-	31.12	31.05	8.96	34.26
PK	4.8741G	45.68	74.00	-28.32	5.75	3	Vertical	339	1.00	-	39.93	31.05	8.96	34.26

802.11n HT40_Nss1,(MCS0)_2TX

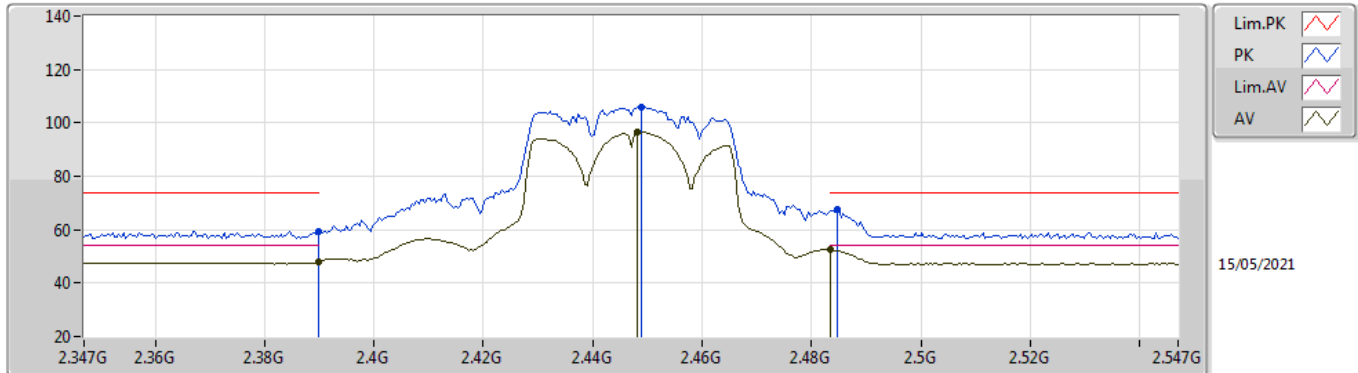
2437MHz_TX



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	4.874G	32.86	54.00	-21.14	5.75	3	Horizontal	195	1.50	-	27.11	31.05	8.96	34.26
PK	4.8714G	46.29	74.00	-27.71	5.75	3	Horizontal	195	1.50	-	40.54	31.06	8.95	34.26

802.11n HT40_Nss1,(MCS0)_2TX

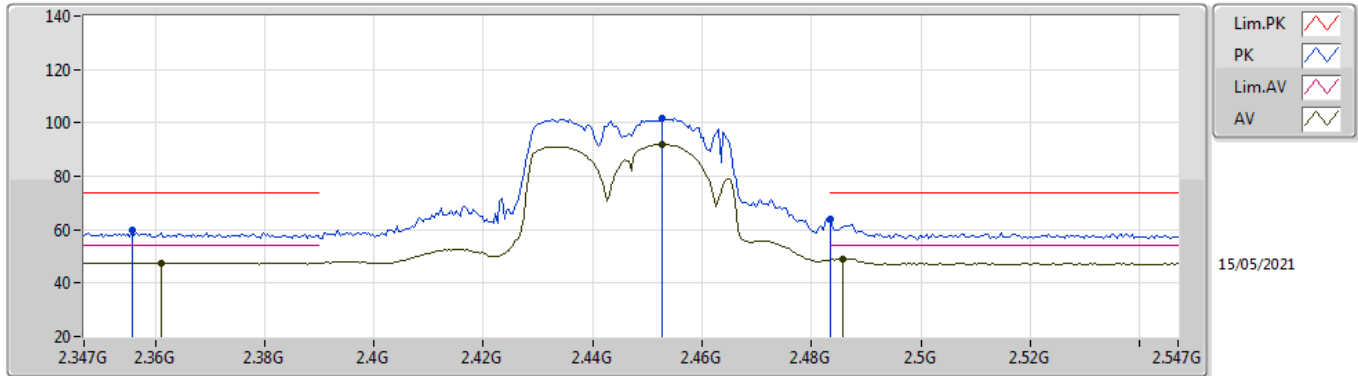
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.84	54.00	-6.16	34.88	3	Vertical	280	2.68	-	12.96	27.62	7.26	-
AV	2.4482G	96.44	Inf	-Inf	34.71	3	Vertical	280	2.68	-	61.73	27.41	7.30	-
AV	2.4835G	52.72	54.00	-1.28	34.73	3	Vertical	280	2.68	-	17.99	27.40	7.33	-
PK	2.3898G	59.54	74.00	-14.46	34.88	3	Vertical	280	2.68	-	24.66	27.62	7.26	-
PK	2.449G	105.96	Inf	-Inf	34.70	3	Vertical	280	2.68	-	71.26	27.40	7.30	-
PK	2.4846G	67.52	74.00	-6.48	34.73	3	Vertical	280	2.68	-	32.79	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

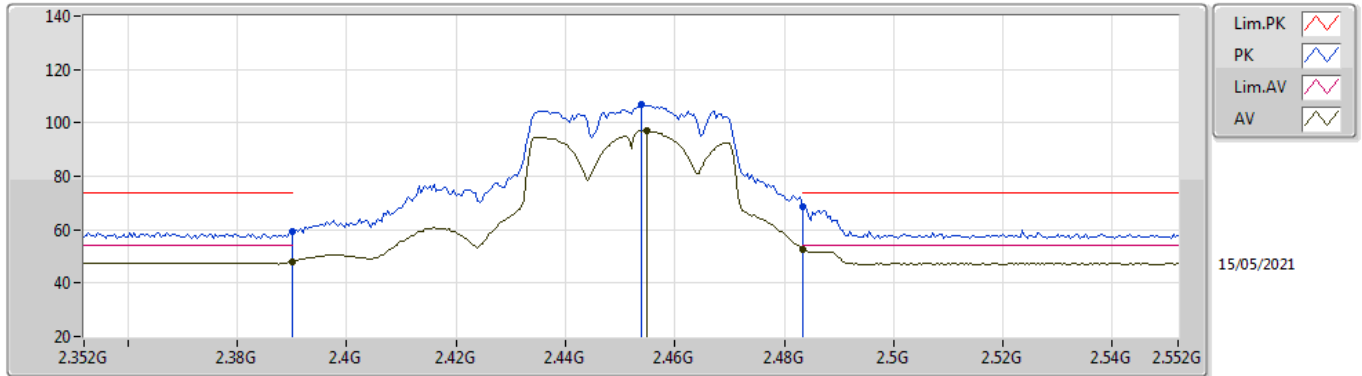
2447MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.361G	47.67	54.00	-6.33	34.92	3	Horizontal	304	2.80	-	12.75	27.68	7.24	-
AV	2.4526G	91.89	Inf	-Inf	34.70	3	Horizontal	304	2.80	-	57.19	27.40	7.30	-
AV	2.4858G	48.95	54.00	-5.05	34.73	3	Horizontal	304	2.80	-	14.22	27.40	7.33	-
PK	2.3558G	59.71	74.00	-14.29	34.93	3	Horizontal	304	2.80	-	24.78	27.69	7.24	-
PK	2.4526G	101.64	Inf	-Inf	34.70	3	Horizontal	304	2.80	-	66.94	27.40	7.30	-
PK	2.4835G	63.72	74.00	-10.28	34.73	3	Horizontal	304	2.80	-	28.99	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

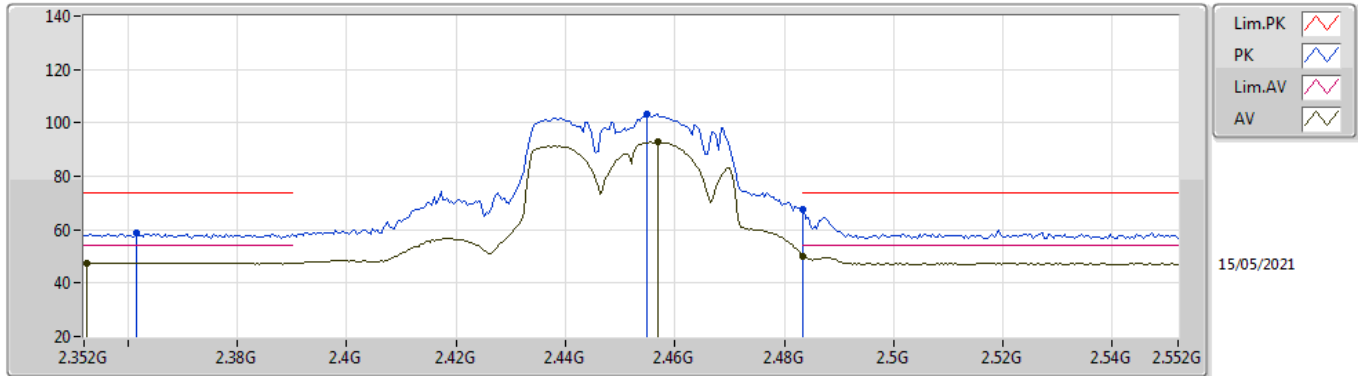
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.80	54.00	-6.20	34.88	3	Vertical	276	2.88	-	12.92	27.62	7.26	-
AV	2.4548G	97.04	Inf	-Inf	34.70	3	Vertical	276	2.88	-	62.34	27.40	7.30	-
AV	2.4835G	52.72	54.00	-1.28	34.73	3	Vertical	276	2.88	-	17.99	27.40	7.33	-
PK	2.39G	59.19	74.00	-14.81	34.88	3	Vertical	276	2.88	-	24.31	27.62	7.26	-
PK	2.454G	106.74	Inf	-Inf	34.70	3	Vertical	276	2.88	-	72.04	27.40	7.30	-
PK	2.4835G	68.70	74.00	-5.30	34.73	3	Vertical	276	2.88	-	33.97	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

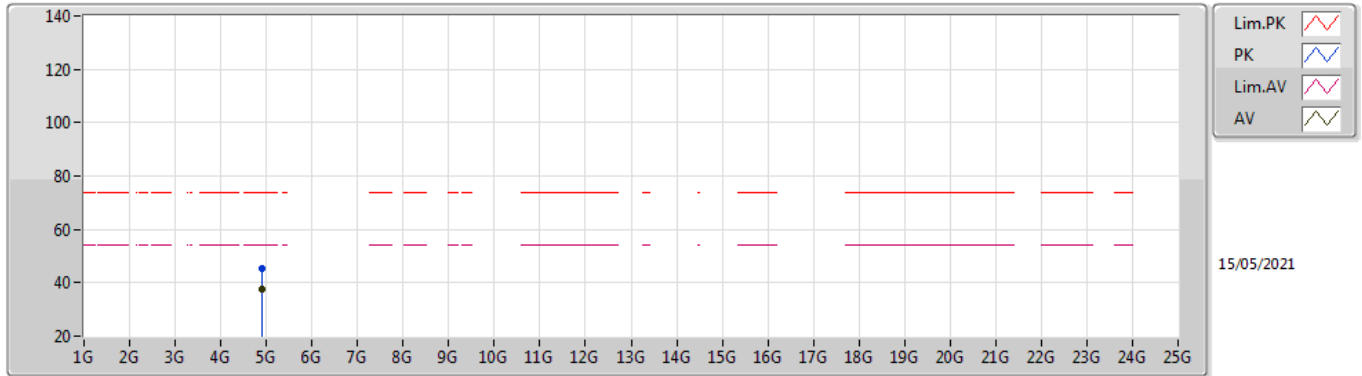
2452MHz_TX



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	2.3524G	47.55	54.00	-6.45	34.94	3	Horizontal	314	2.80	-	12.61	27.70	7.24	-
AV	2.4568G	92.92	Inf	-Inf	34.71	3	Horizontal	314	2.80	-	58.21	27.40	7.31	-
AV	2.4835G	50.01	54.00	-3.99	34.73	3	Horizontal	314	2.80	-	15.28	27.40	7.33	-
PK	2.3616G	58.54	74.00	-15.46	34.92	3	Horizontal	314	2.80	-	23.62	27.68	7.24	-
PK	2.4548G	103.12	Inf	-Inf	34.70	3	Horizontal	314	2.80	-	68.42	27.40	7.30	-
PK	2.4835G	67.34	74.00	-6.66	34.73	3	Horizontal	314	2.80	-	32.61	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

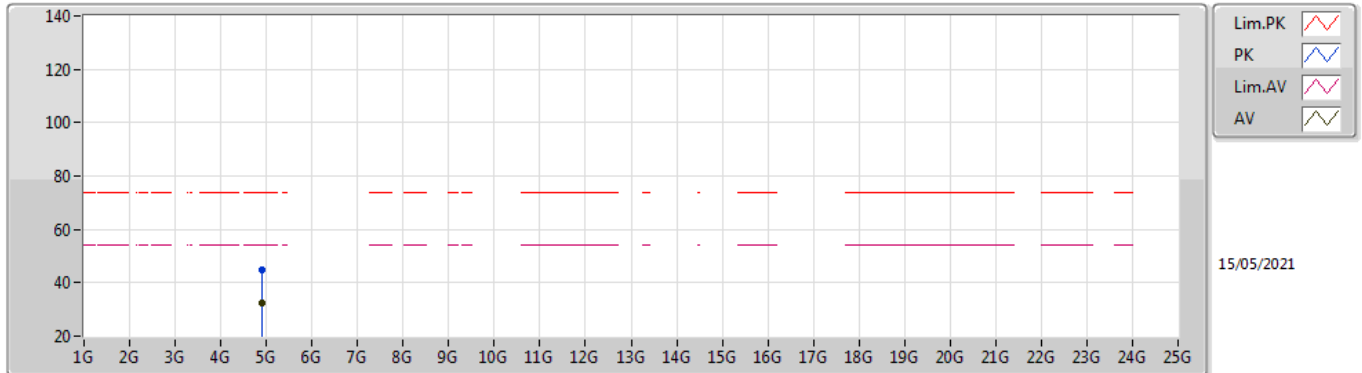
2452MHz_TX



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	4.904G	37.68	54.00	-16.32	5.75	3	Vertical	339	1.00	-	31.93	31.02	8.98	34.25
PK	4.9039G	45.30	74.00	-28.70	5.75	3	Vertical	339	1.00	-	39.55	31.02	8.98	34.25

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	4.904G	32.44	54.00	-21.56	5.75	3	Horizontal	195	1.45	-	26.69	31.02	8.98	34.25
PK	4.9143G	44.60	74.00	-29.40	5.80	3	Horizontal	195	1.45	-	38.80	31.06	8.99	34.25