

FCC Radio Test Report

FCC ID : 2AKWYXBP301
Equipment : Digital Transmission System
Brand Name : DynaScan Technology Corp.
Model Name : XBP301
Applicant : DYNASCAN TECHNOLOGY CORP.
6F, No.88, Wenmao Rd., Guishan Dist.,
Taoyuan City 333001, Taiwan
Manufacturer : DYNASCAN TECHNOLOGY CORP.
6F, No.88, Wenmao Rd., Guishan Dist.,
Taoyuan City 333001, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Feb. 28, 2020, and testing was started from Apr. 15, 2020 and completed on Jan. 15, 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
FR880702-04AC	01	Initial issue of report	Apr. 06, 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: Ben Tseng

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	PIFA	N/A	0.87
2	2	-	-	PIFA	N/A	0.87

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Switching Power Supply			
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.:		DynaScan / XBP301	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:		...	
☐	Other:			

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.992	0.03	12.42m	10
802.11g_Nss1,(6Mbps)_2TX	0.938	0.28	2.066m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.949	0.23	1.921m	1k
802.11n HT40_Nss1,(MCS0)_2TX	0.916	0.38	944.688u	3k

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR9N1207-01AC

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Host System was added	AC Conducted Emissions and Radiated Emissions were re-tested. RF Conducted was evaluated.

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. TW1190 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	18.2~18.5℃ / 46~48%	12/Jan/2021
RF Conducted	TH06-HY	Alan	20.2~27℃ / 50~60%	15/Apr/2020~15/Jan/2021
Radiated	03CH02-HY	Daniel	20.2~23.6℃ / 51~67%	06/Jan/2021~09/Jan/2021

Laboratory number TAF 3785 is a spin-off from the original Laboratory number TAF 1190.

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 Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software	Dos
---------------	-----

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	60,60
2417MHz	63,63
2437MHz	63,63
2462MHz	63,63
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	56,56
2417MHz	63,63
2437MHz	63,63
2457MHz	63,63
2462MHz	57,57
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	55,55
2417MHz	61,61
2437MHz	63,63
2457MHz	63,63
2462MHz	56,56
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	52,52
2427MHz	53,53
2437MHz	56,56
2447MHz	56,56
2452MHz	55,55

2.3 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
Operating Mode	CTX
1	Switching Power Supply Mode

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

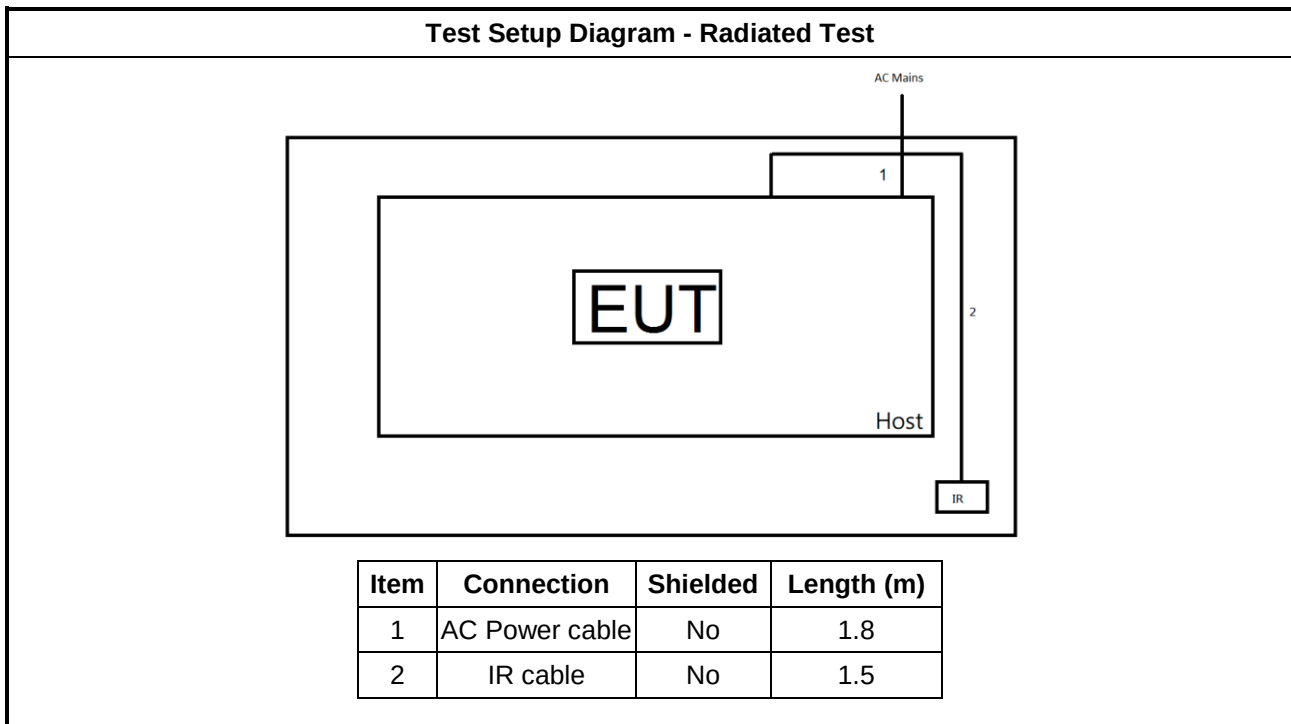
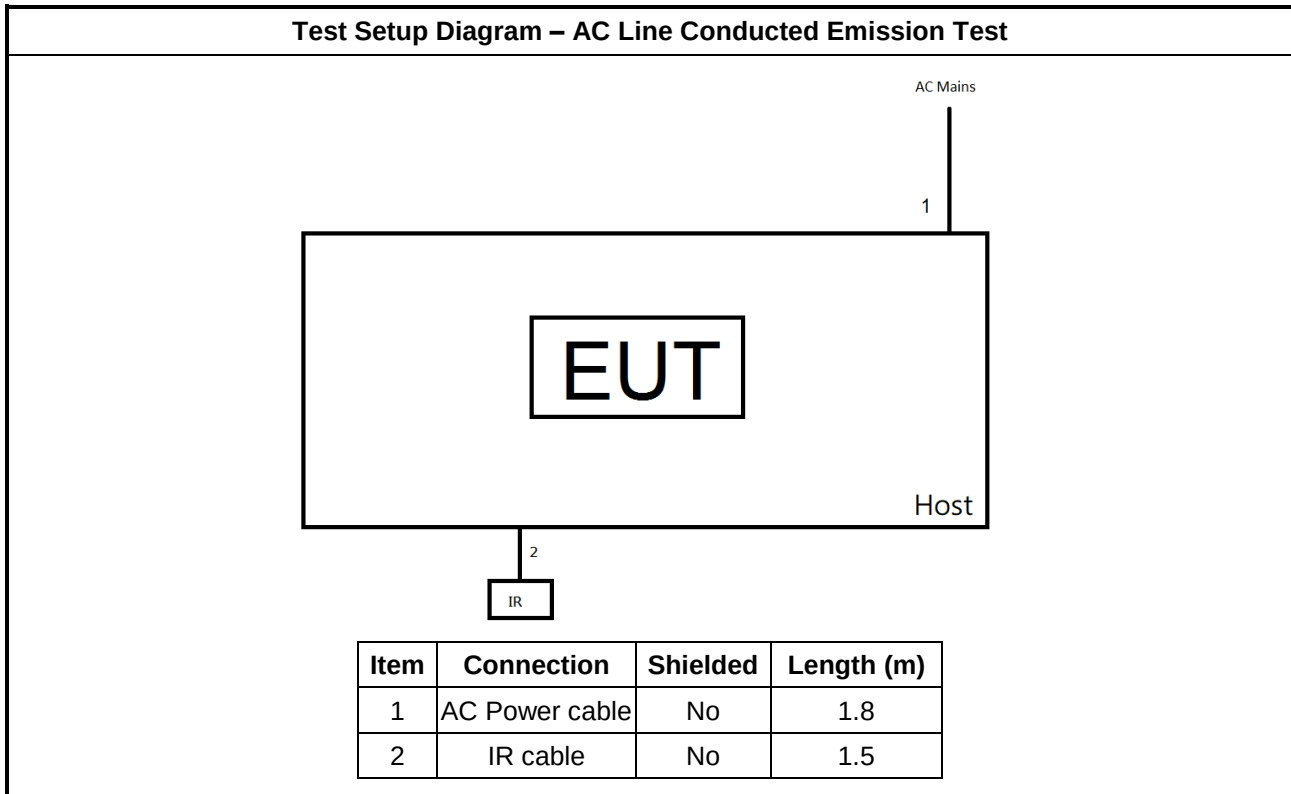
The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be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

2.4 Accessories

Accessories				
Remote Control	Brand Name	DynaScan	Model Name	JX-9060
IR Cable	Brand Name	DynaScan	Model Name	Y001-1204

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Test Setup Diagram



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

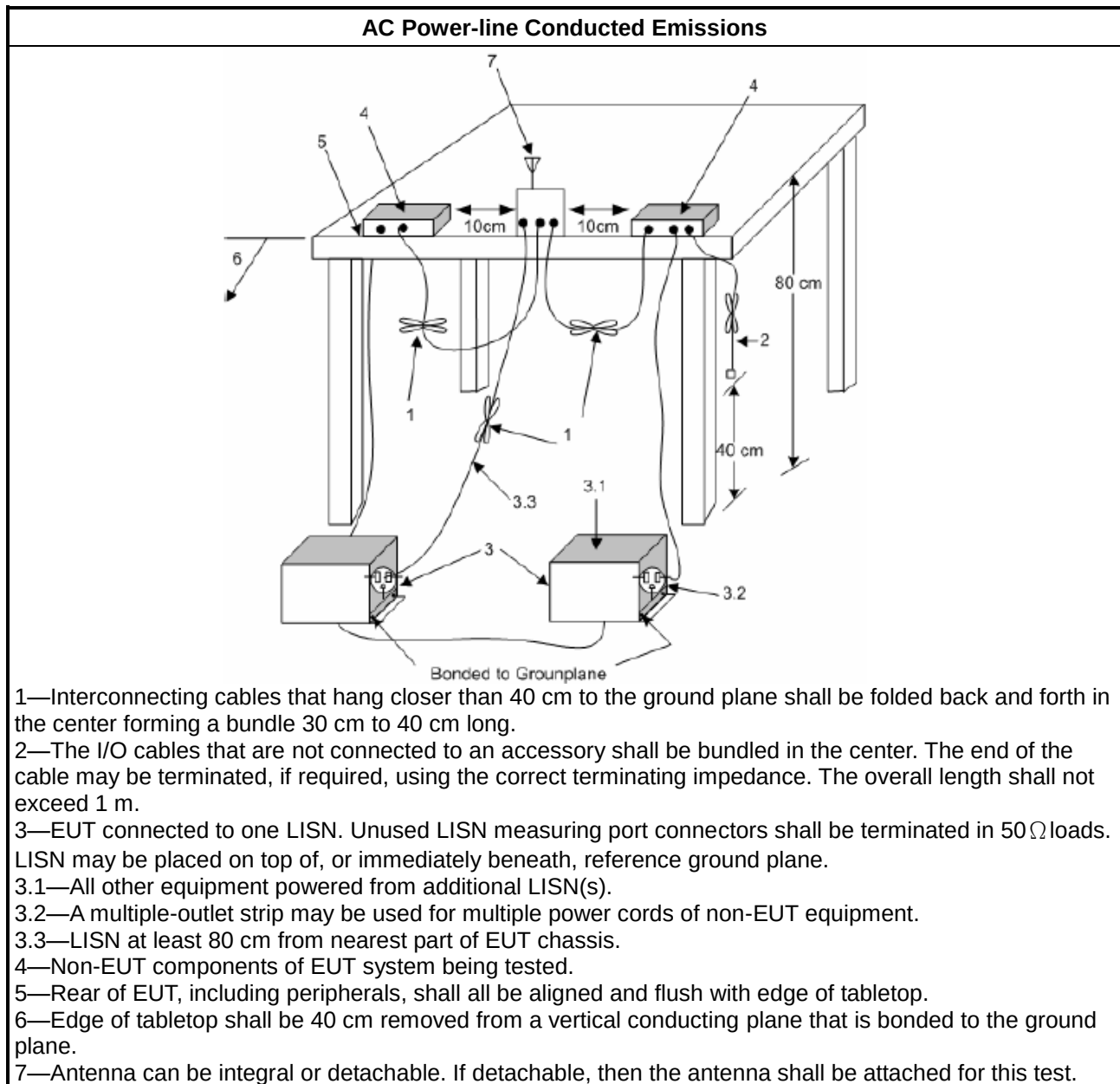
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

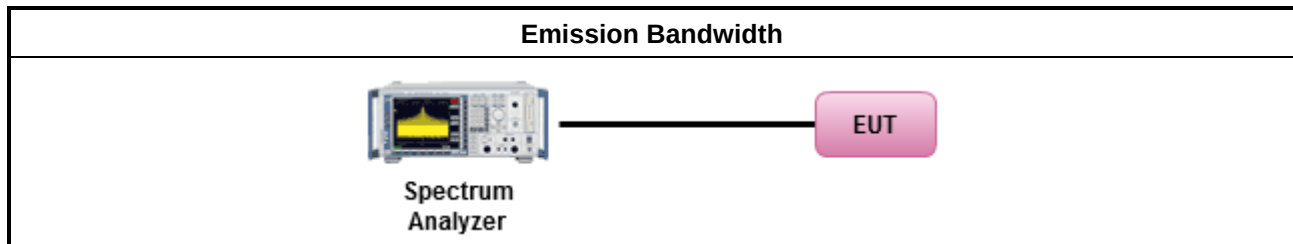
3.2.2 Measuring Instruments

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.		

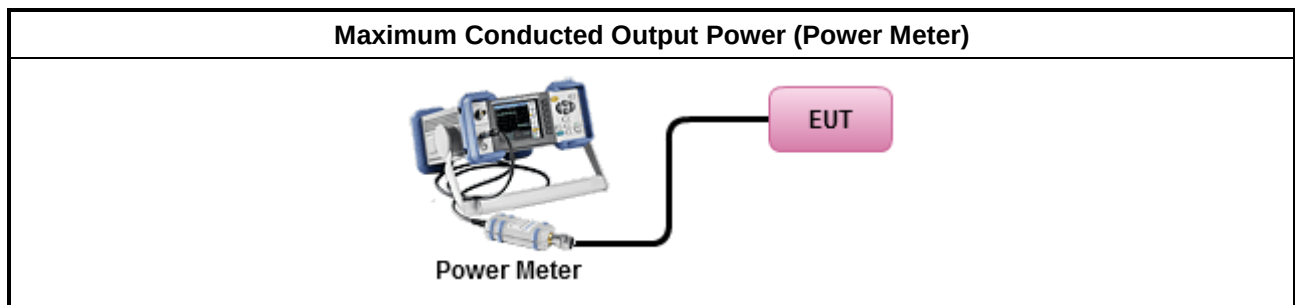
3.3.2 Measuring Instruments

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

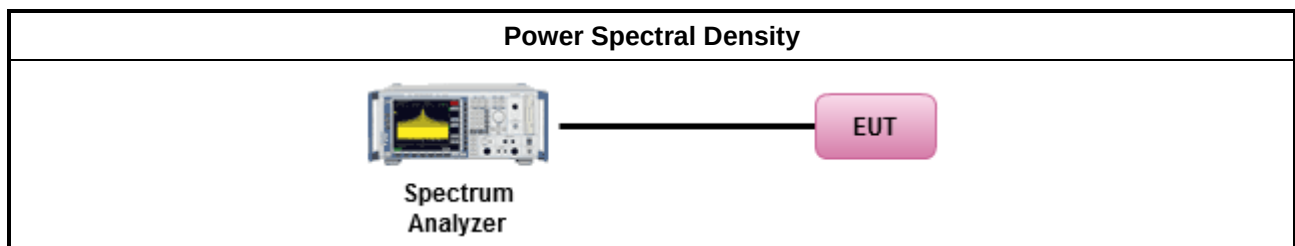
3.4.2 Measuring Instruments

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.	

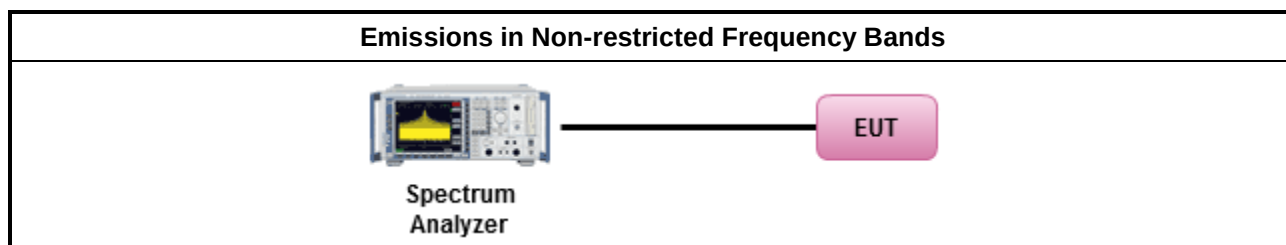
3.5.2 Measuring Instruments

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

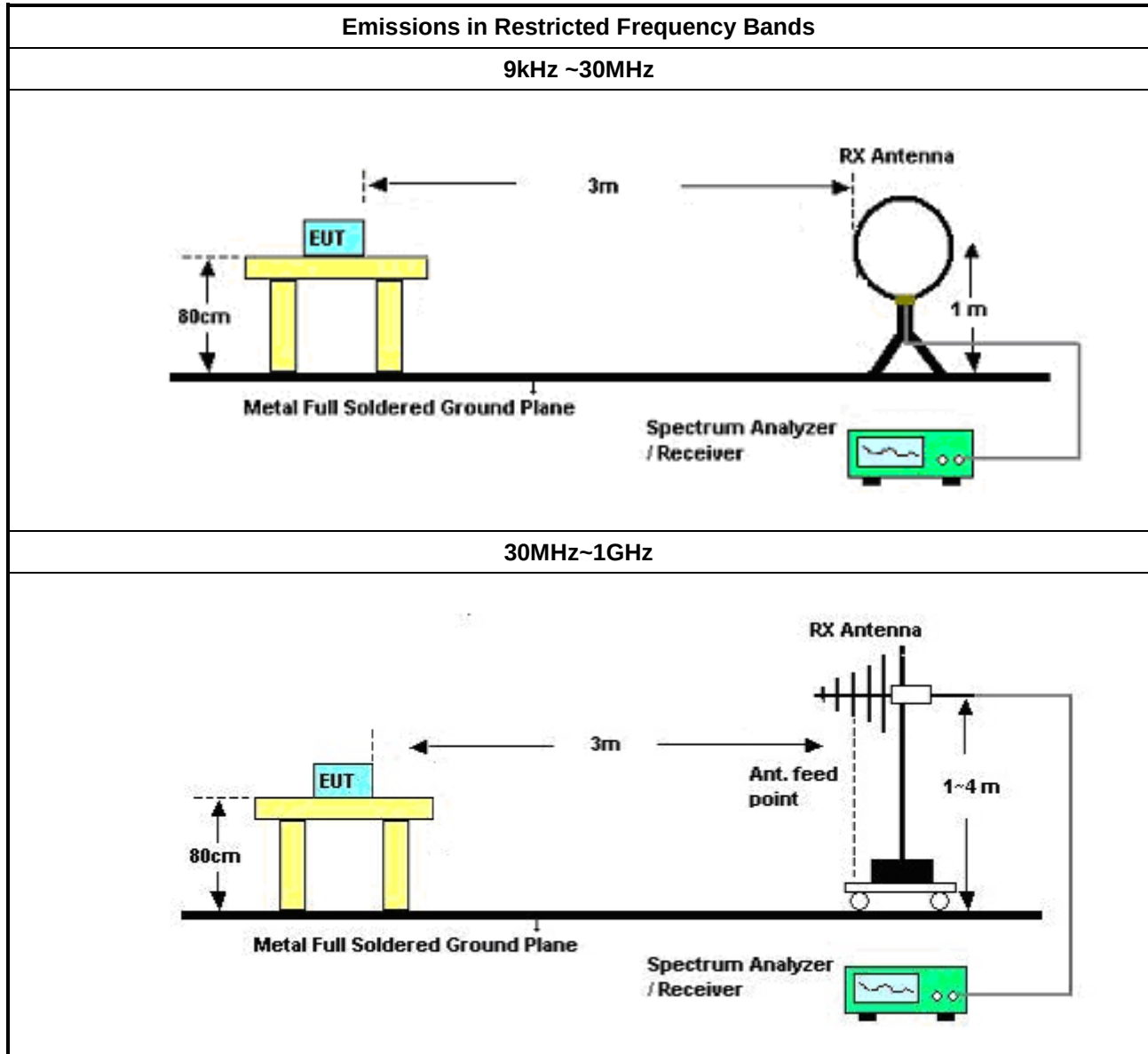
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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.

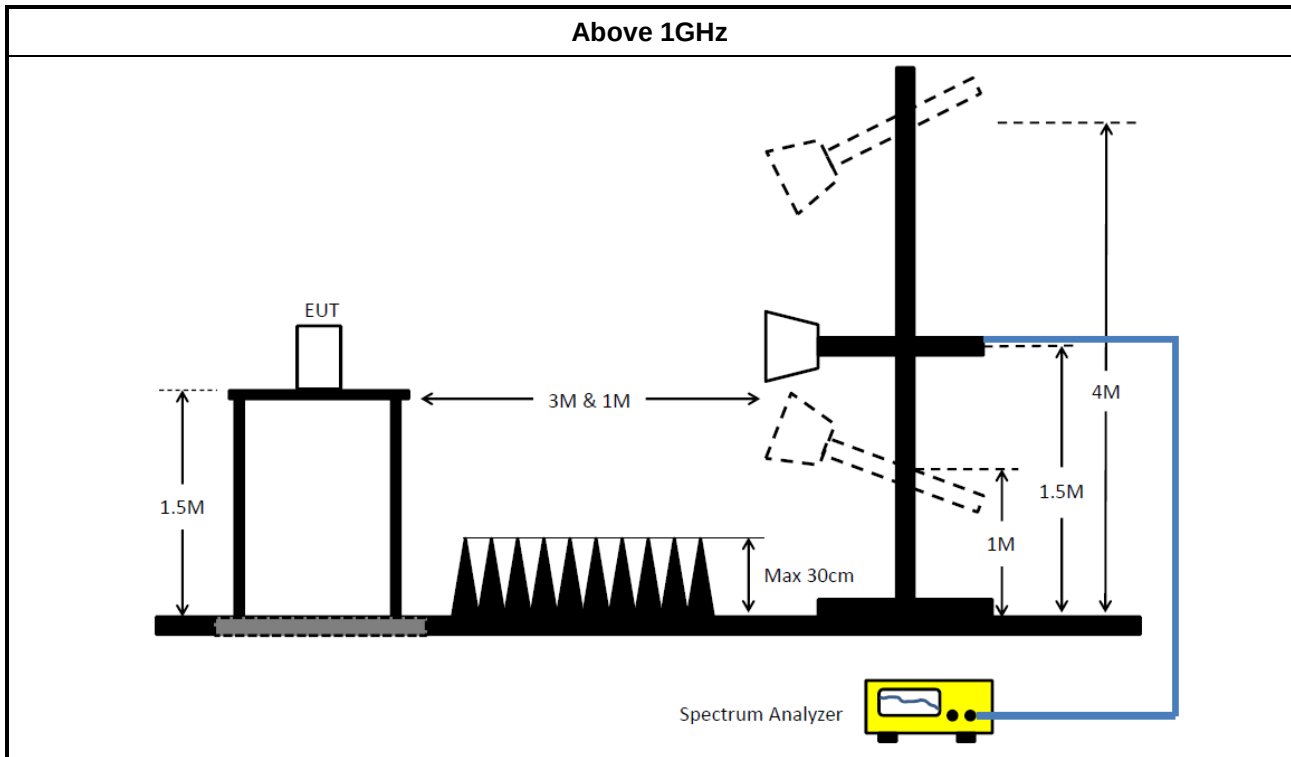
3.6.4 Measurement Results Calculation

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-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
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
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
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	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

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	27/Feb/2020	26/Feb/2021
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-R03m	Jye Bao	RG142	CB017	9kHz~30MHz	20/Jun/2020	19/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	30MHz~1GHz	25/Mar/2020	24/Mar/2021
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+ 805192/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-H G	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

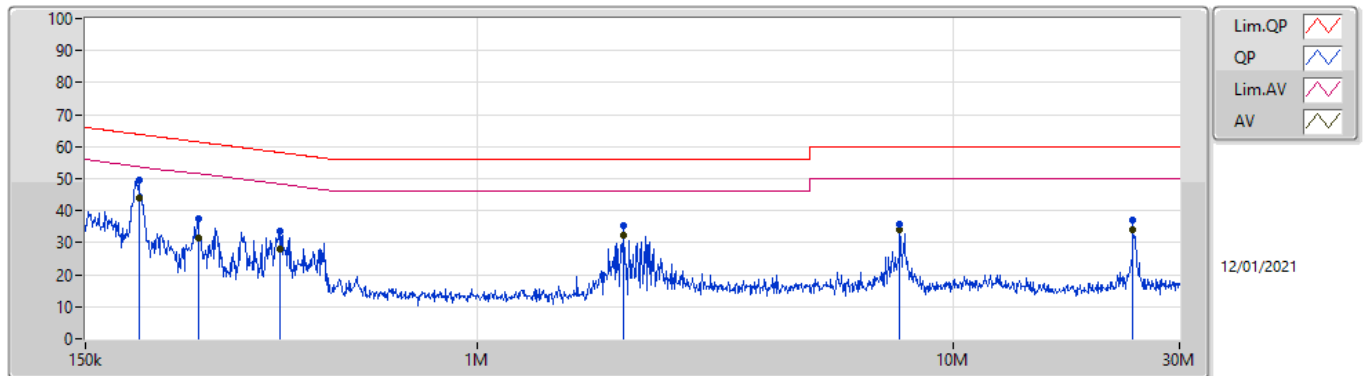
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	193.664k	44.51	53.88	-9.37	Neutral

Mode Configure

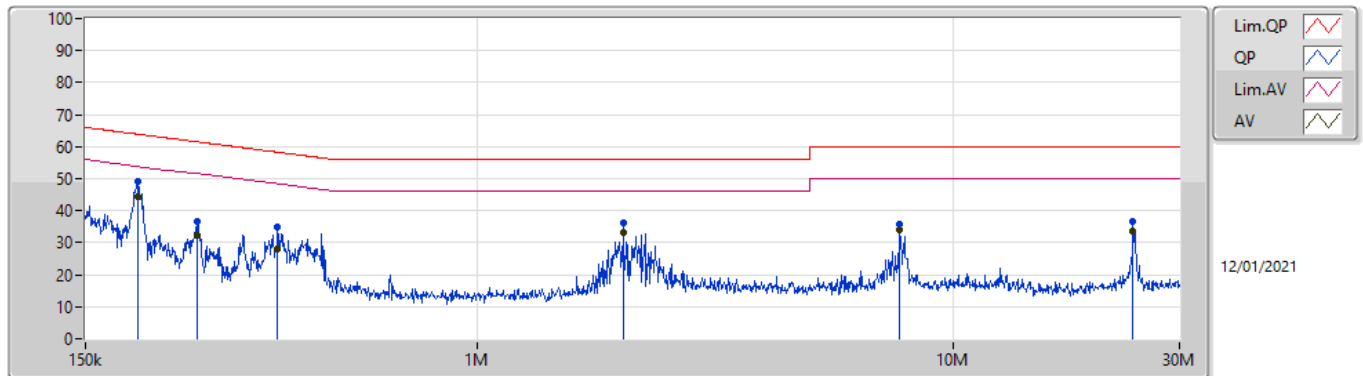
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	194.439k	49.43	63.84	-14.41	Line	-
Mode 1	Pass	AV	194.439k	44.10	53.84	-9.74	Line	"Worst"
Mode 1	Pass	QP	259.185k	37.29	61.45	-24.16	Line	-
Mode 1	Pass	AV	259.185k	31.68	51.45	-19.77	Line	-
Mode 1	Pass	QP	384.811k	33.80	58.18	-24.38	Line	-
Mode 1	Pass	AV	384.811k	28.00	48.18	-20.18	Line	-
Mode 1	Pass	QP	2.025M	35.20	56.00	-20.80	Line	-
Mode 1	Pass	AV	2.025M	32.29	46.00	-13.71	Line	-
Mode 1	Pass	QP	7.745M	35.69	60.00	-24.31	Line	-
Mode 1	Pass	AV	7.745M	33.98	50.00	-16.02	Line	-
Mode 1	Pass	QP	23.968M	36.90	60.00	-23.10	Line	-
Mode 1	Pass	AV	23.968M	33.86	50.00	-16.14	Line	-
Mode 1	Pass	QP	193.664k	48.93	63.88	-14.95	Neutral	-
Mode 1	Pass	AV	193.664k	44.51	53.88	-9.37	Neutral	"Worst"
Mode 1	Pass	QP	258.152k	36.57	61.49	-24.92	Neutral	-
Mode 1	Pass	AV	258.152k	32.26	51.49	-19.23	Neutral	-
Mode 1	Pass	QP	380.23k	34.99	58.28	-23.29	Neutral	-
Mode 1	Pass	AV	380.23k	28.11	48.28	-20.17	Neutral	-
Mode 1	Pass	QP	2.025M	36.05	56.00	-19.95	Neutral	-
Mode 1	Pass	AV	2.025M	33.04	46.00	-12.96	Neutral	-
Mode 1	Pass	QP	7.745M	35.59	60.00	-24.41	Neutral	-
Mode 1	Pass	AV	7.745M	33.87	50.00	-16.13	Neutral	-
Mode 1	Pass	QP	23.968M	36.73	60.00	-23.27	Neutral	-
Mode 1	Pass	AV	23.968M	33.65	50.00	-16.35	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	194.439k	49.43	63.84	-14.41	19.59	Line	-	29.84	9.68	0.01	9.90			
AV	194.439k	44.10	53.84	-9.74	19.59	Line	"Worst"	24.51	9.68	0.01	9.90			
QP	259.185k	37.29	61.45	-24.16	19.59	Line	-	17.70	9.68	0.01	9.90			
AV	259.185k	31.68	51.45	-19.77	19.59	Line	-	12.09	9.68	0.01	9.90			
QP	384.811k	33.80	58.18	-24.38	19.59	Line	-	14.21	9.67	0.02	9.90			
AV	384.811k	28.00	48.18	-20.18	19.59	Line	-	8.41	9.67	0.02	9.90			
QP	2.025M	35.20	56.00	-20.80	19.56	Line	-	15.64	9.68	0.08	9.80			
AV	2.025M	32.29	46.00	-13.71	19.56	Line	-	12.73	9.68	0.08	9.80			
QP	7.745M	35.69	60.00	-24.31	19.79	Line	-	15.90	9.71	0.18	9.90			
AV	7.745M	33.98	50.00	-16.02	19.79	Line	-	14.19	9.71	0.18	9.90			
QP	23.968M	36.90	60.00	-23.10	19.85	Line	-	17.05	9.61	0.34	9.90			
AV	23.968M	33.86	50.00	-16.14	19.85	Line	-	14.01	9.61	0.34	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	193.664k	48.93	63.88	-14.95	19.59	Neutral	-	29.34	9.68	0.01	9.90			
AV	193.664k	44.51	53.88	-9.37	19.59	Neutral	"Worst"	24.92	9.68	0.01	9.90			
QP	258.152k	36.57	61.49	-24.92	19.59	Neutral	-	16.98	9.68	0.01	9.90			
AV	258.152k	32.26	51.49	-19.23	19.59	Neutral	-	12.67	9.68	0.01	9.90			
QP	380.23k	34.99	58.28	-23.29	19.59	Neutral	-	15.40	9.67	0.02	9.90			
AV	380.23k	28.11	48.28	-20.17	19.59	Neutral	-	8.52	9.67	0.02	9.90			
QP	2.025M	36.05	56.00	-19.95	19.56	Neutral	-	16.49	9.68	0.08	9.80			
AV	2.025M	33.04	46.00	-12.96	19.56	Neutral	-	13.48	9.68	0.08	9.80			
QP	7.745M	35.59	60.00	-24.41	19.80	Neutral	-	15.79	9.72	0.18	9.90			
AV	7.745M	33.87	50.00	-16.13	19.80	Neutral	-	14.07	9.72	0.18	9.90			
QP	23.968M	36.73	60.00	-23.27	19.97	Neutral	-	16.76	9.73	0.34	9.90			
AV	23.968M	33.65	50.00	-16.35	19.97	Neutral	-	13.68	9.73	0.34	9.90			

Summary

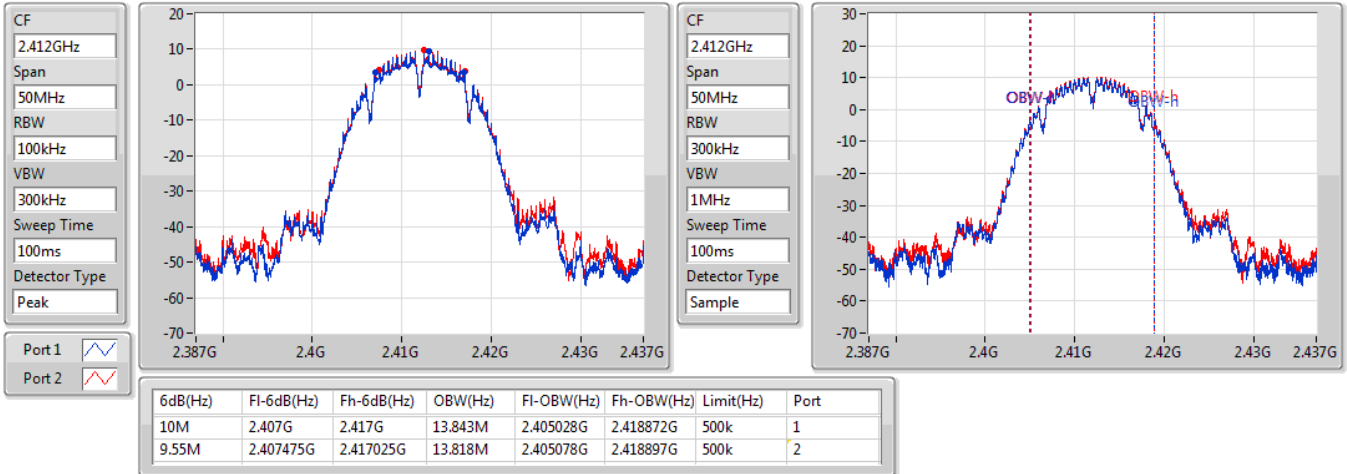
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10M	14.153M	14M2G1D	9.025M	13.818M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.572M	16M6D1D	15.825M	16.492M
802.11n HT20_Nss1,(MCS0)_2TX	17.05M	17.716M	17M7D1D	16.3M	17.631M
802.11n HT40_Nss1,(MCS0)_2TX	35.8M	36.582M	36M6D1D	35.45M	36.482M

Result

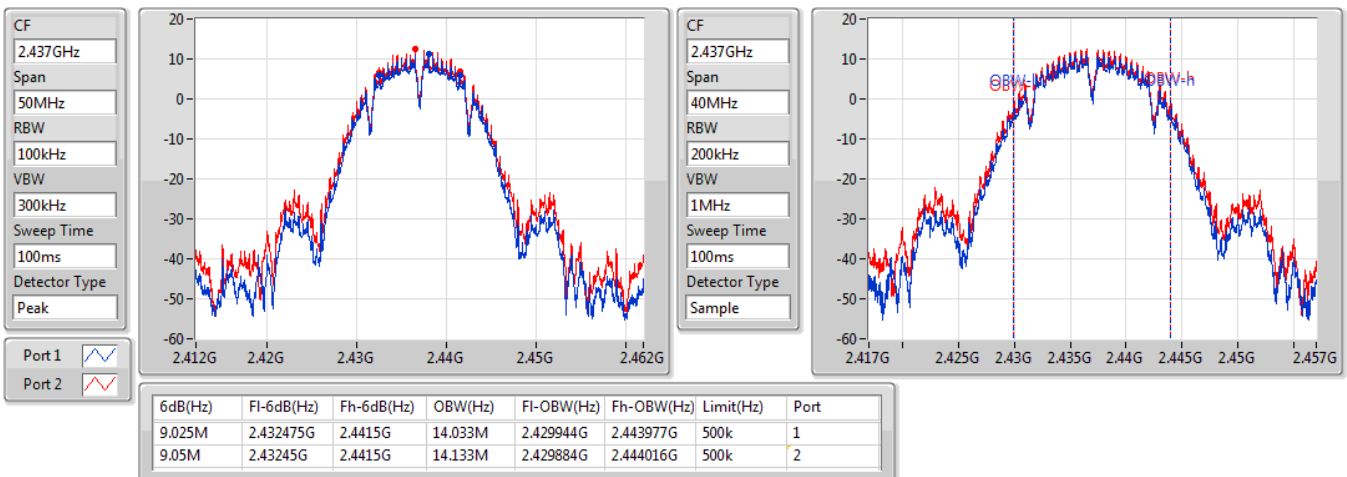
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10M	13.843M	9.55M	13.818M
2437MHz	Pass	500k	9.025M	14.033M	9.05M	14.133M
2462MHz	Pass	500k	9.55M	13.953M	10M	14.153M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.567M	16.3M	16.542M
2437MHz	Pass	500k	15.825M	16.492M	16.025M	16.572M
2462MHz	Pass	500k	16.275M	16.567M	16.3M	16.567M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	17.641M	16.3M	17.666M
2437MHz	Pass	500k	16.525M	17.631M	16.525M	17.691M
2462MHz	Pass	500k	17.05M	17.666M	16.525M	17.716M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.8M	36.582M	35.45M	36.532M
2437MHz	Pass	500k	35.75M	36.582M	35.65M	36.582M
2452MHz	Pass	500k	35.8M	36.482M	35.7M	36.532M

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

15/01/2021

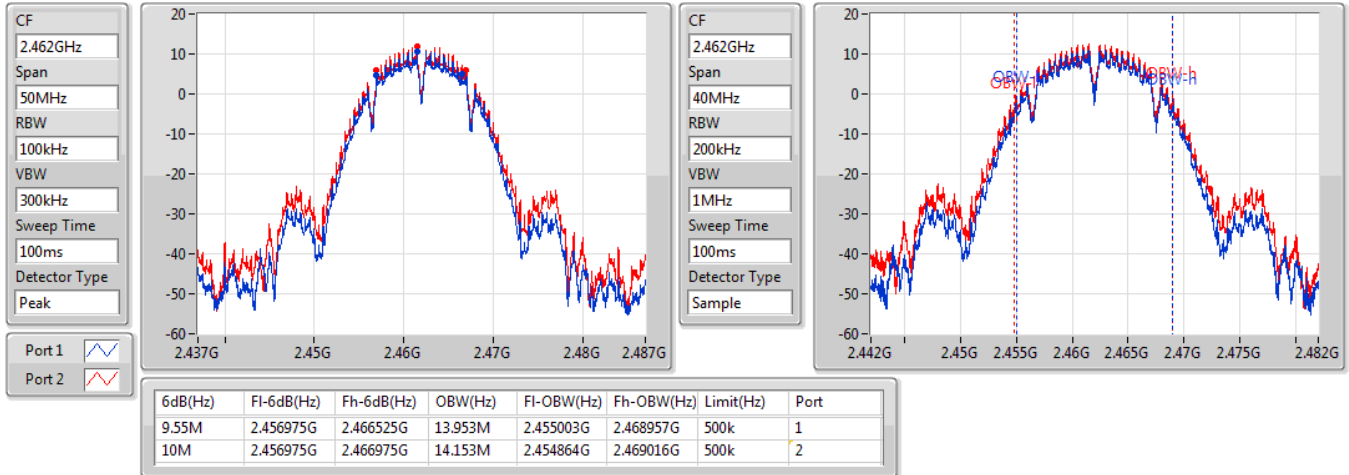

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

15/04/2020

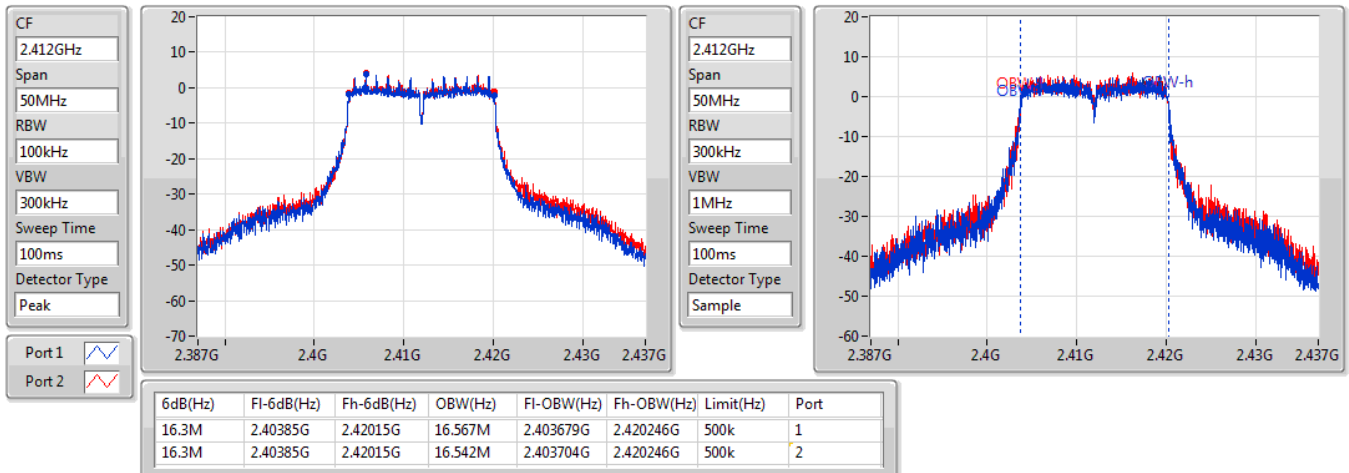


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

15/04/2020

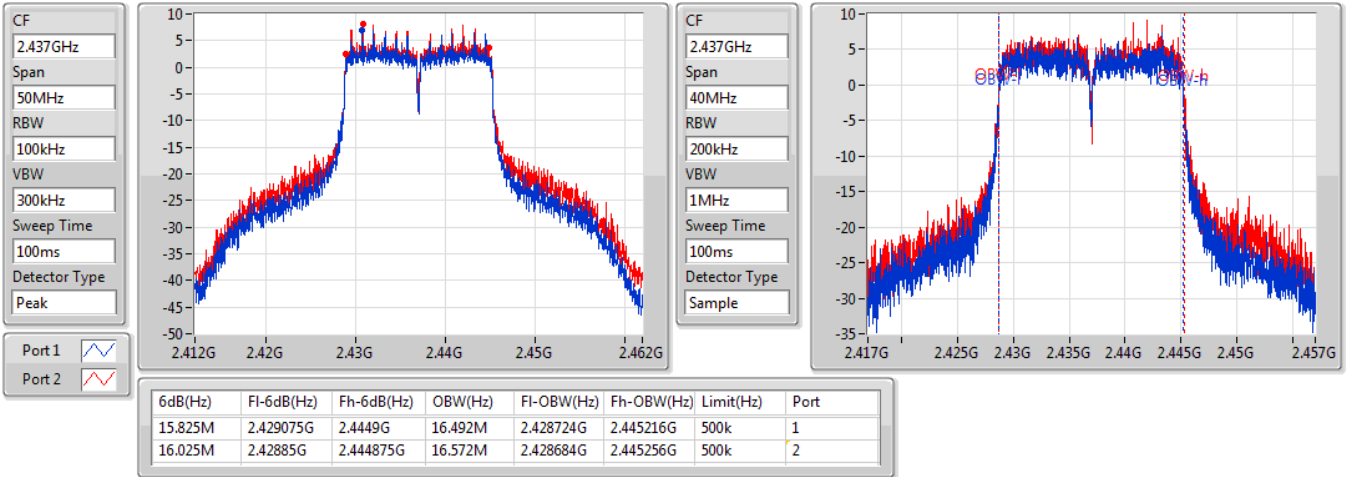

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

15/01/2021

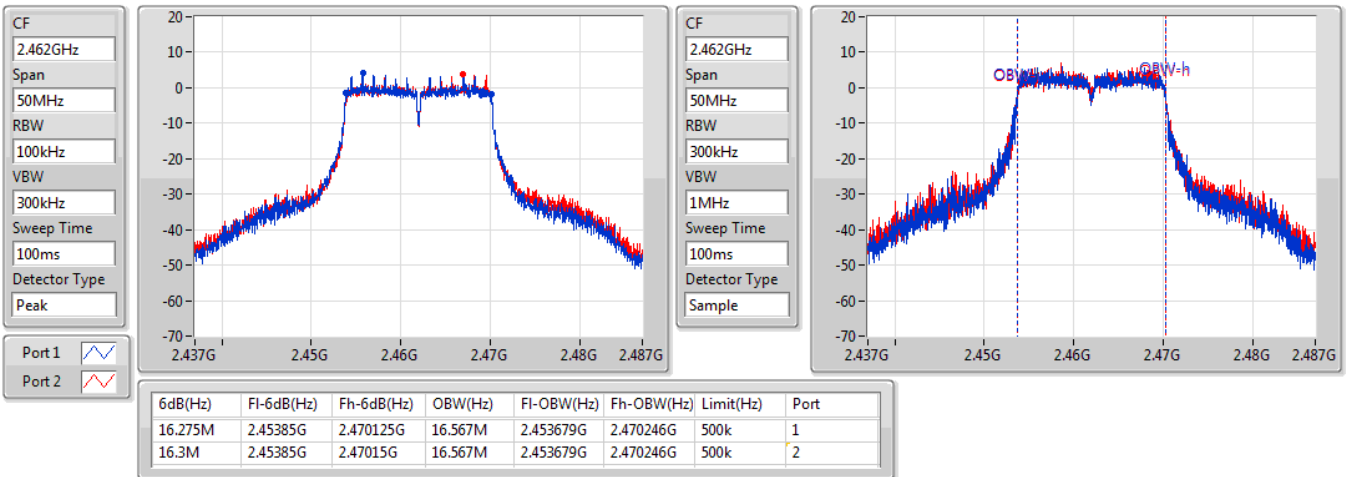


802.11g_Nss1,(6Mbps)_2TX
2437MHz

15/04/2020

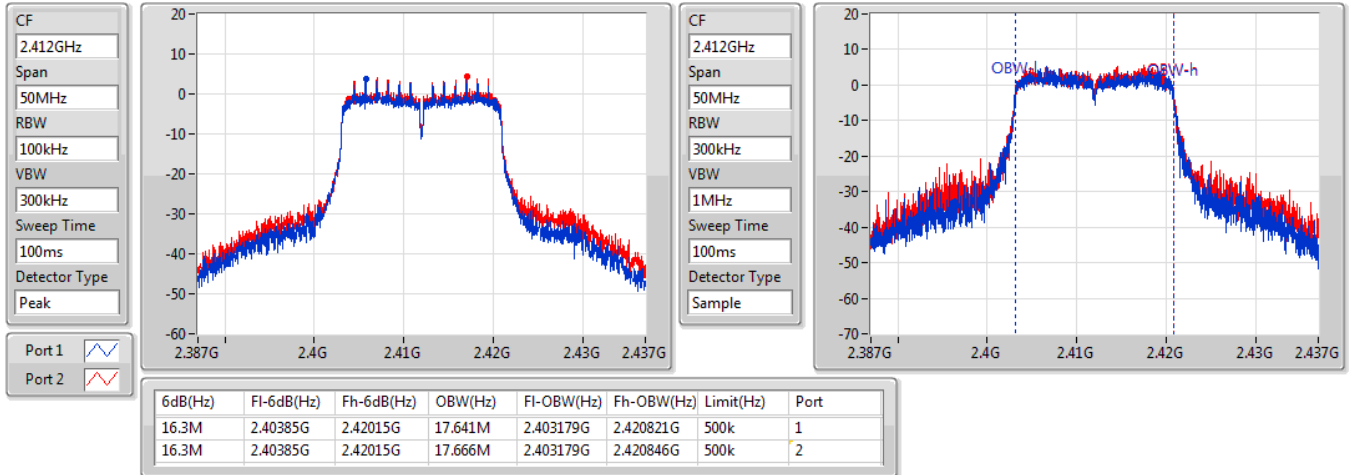

802.11g_Nss1,(6Mbps)_2TX
2462MHz

15/01/2021

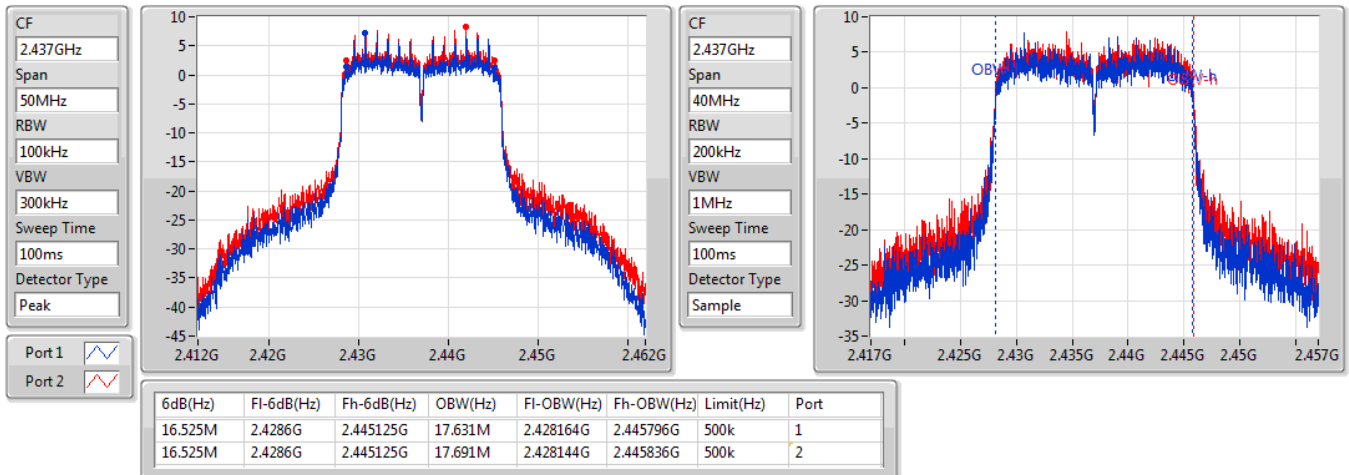


802.11n HT20_Nss1,(MCS0)_2TX
2412MHz

15/01/2021

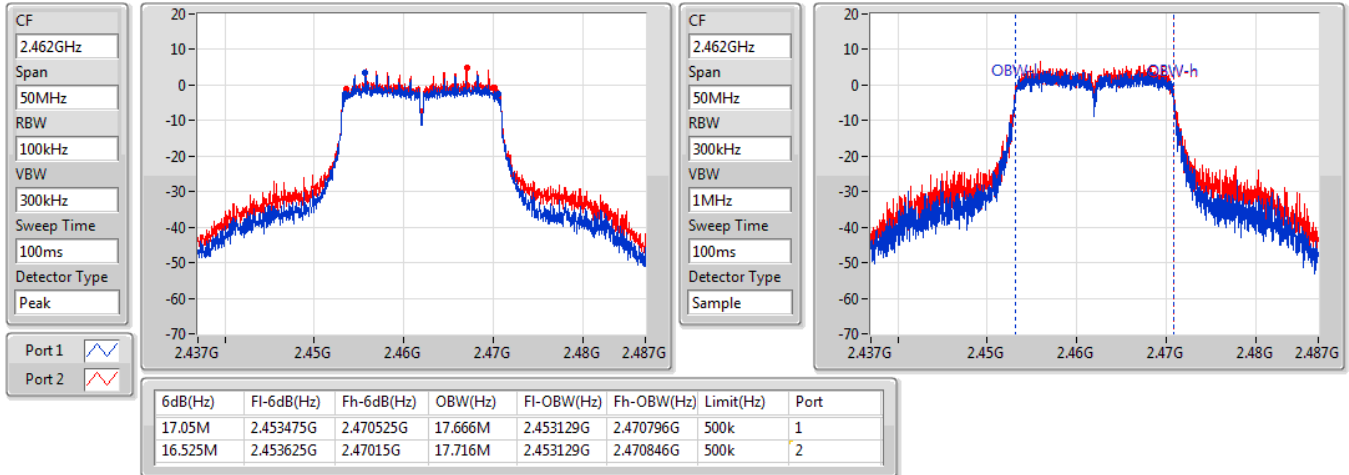

802.11n HT20_Nss1,(MCS0)_2TX
2437MHz

15/04/2020

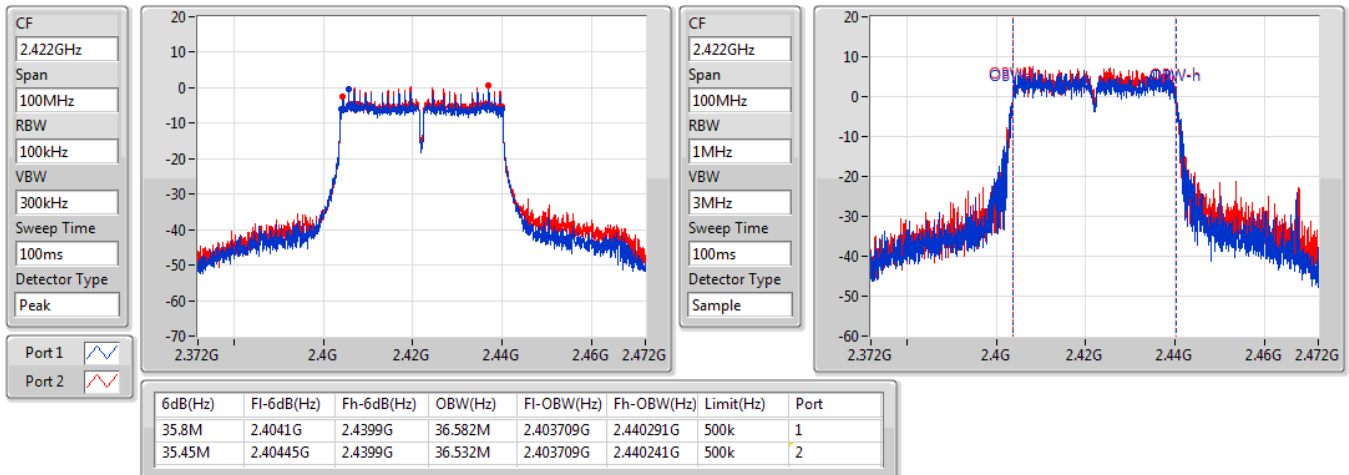


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

15/01/2021


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

15/01/2021

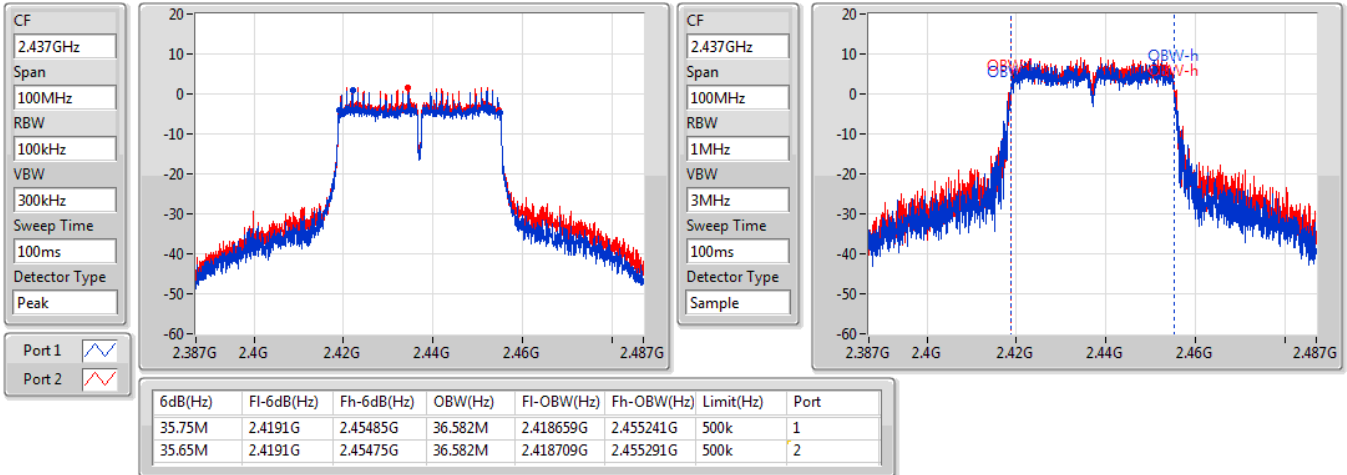


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

15/01/2021

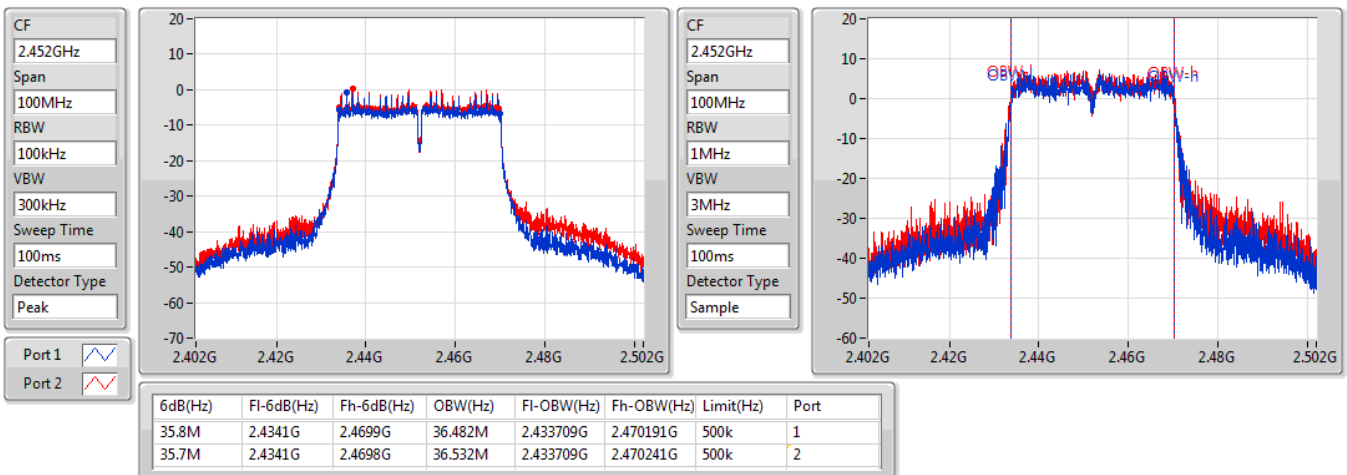


802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

15/01/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.59	0.22856
802.11g_Nss1,(6Mbps)_2TX	21.17	0.13092
802.11n HT20_Nss1,(MCS0)_2TX	20.88	0.12246
802.11n HT40_Nss1,(MCS0)_2TX	18.85	0.07674

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	18.91	20.03	22.52	30.00
2417MHz	Pass	0.87	20.05	21.05	23.59	30.00
2437MHz	Pass	0.87	19.62	20.85	23.29	30.00
2462MHz	Pass	0.87	19.34	20.59	23.02	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	15.26	16.07	18.69	30.00
2417MHz	Pass	0.87	17.68	18.35	21.04	30.00
2437MHz	Pass	0.87	17.54	18.49	21.05	30.00
2457MHz	Pass	0.87	17.63	18.64	21.17	30.00
2462MHz	Pass	0.87	15.57	16.59	19.12	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	14.85	15.70	18.31	30.00
2417MHz	Pass	0.87	17.08	17.97	20.56	30.00
2437MHz	Pass	0.87	17.42	18.27	20.88	30.00
2457MHz	Pass	0.87	17.24	18.36	20.85	30.00
2462MHz	Pass	0.87	14.77	16.10	18.50	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	0.87	13.74	14.45	17.12	30.00
2427MHz	Pass	0.87	14.31	15.25	17.82	30.00
2437MHz	Pass	0.87	15.26	16.21	18.77	30.00
2447MHz	Pass	0.87	15.36	16.28	18.85	30.00
2452MHz	Pass	0.87	13.75	14.71	17.27	30.00

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.11
802.11g_Nss1,(6Mbps)_2TX	-4.88
802.11n HT20_Nss1,(MCS0)_2TX	-4.93
802.11n HT40_Nss1,(MCS0)_2TX	-10.97

Result

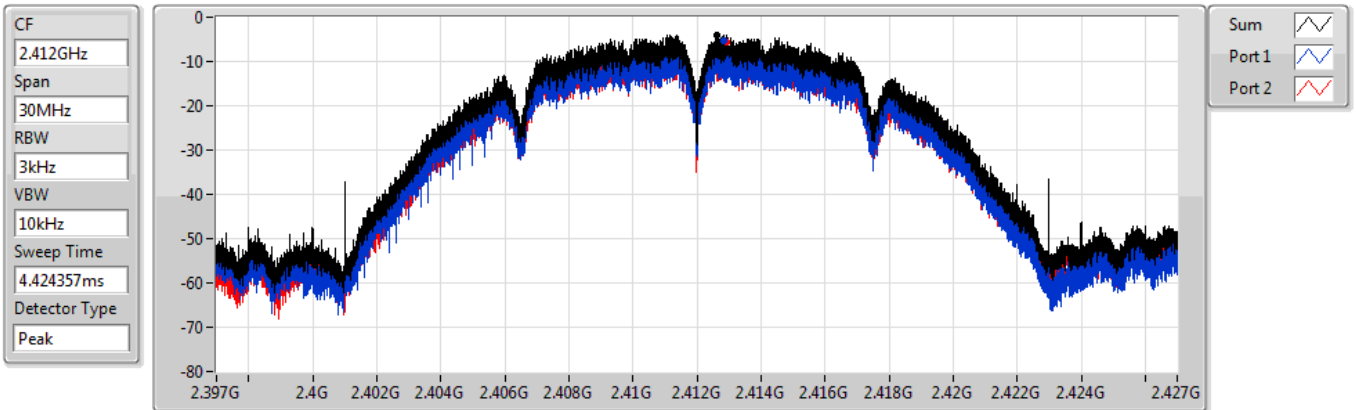
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-5.19	-5.52	-4.12	8.00
2437MHz	Pass	3.88	-3.53	-3.44	-1.11	8.00
2462MHz	Pass	3.88	-4.45	-3.43	-1.55	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-10.81	-10.28	-7.64	8.00
2437MHz	Pass	3.88	-8.02	-7.08	-4.88	8.00
2462MHz	Pass	3.88	-10.76	-10.88	-7.87	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-11.41	-10.42	-7.88	8.00
2437MHz	Pass	3.88	-8.28	-6.95	-4.93	8.00
2462MHz	Pass	3.88	-11.35	-10.38	-7.93	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.88	-14.83	-13.87	-11.32	8.00
2437MHz	Pass	3.88	-14.08	-12.44	-10.97	8.00
2452MHz	Pass	3.88	-16.47	-15.57	-13.19	8.00

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

15/01/2021

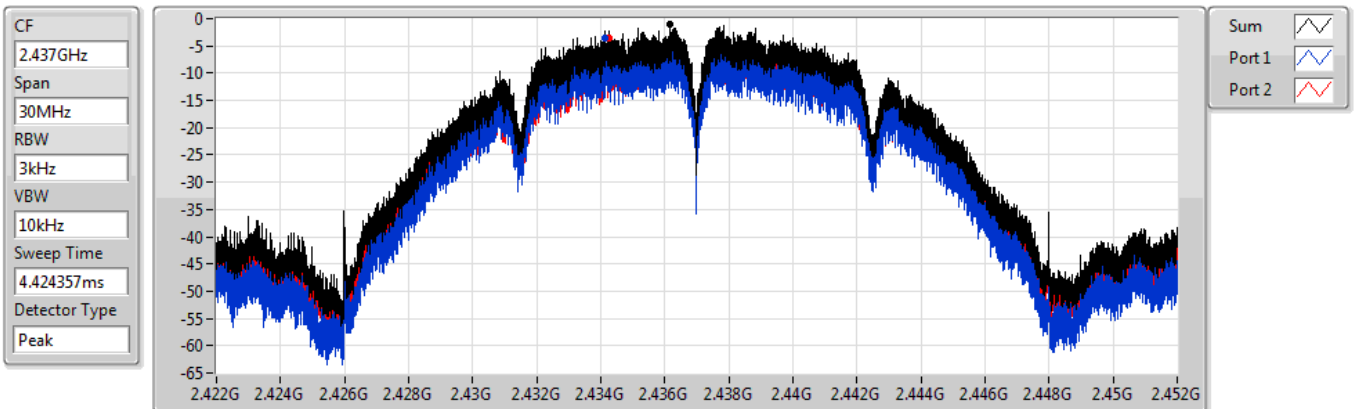


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

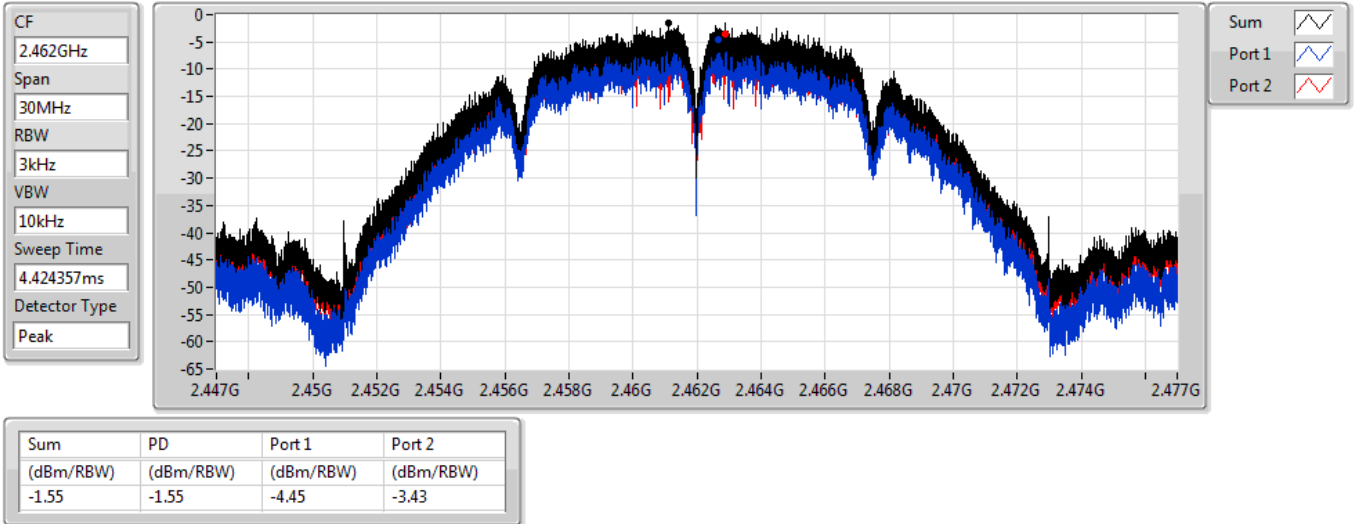
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802.11b_Nss1,(1Mbps)_2TX

2462MHz

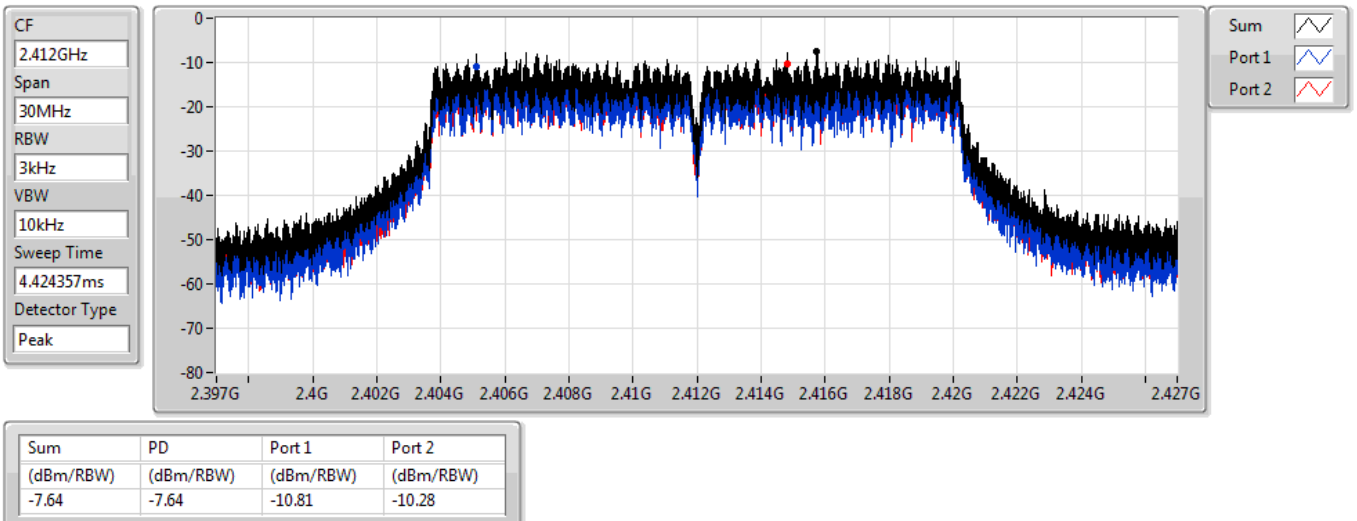
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802.11g_Nss1,(6Mbps)_2TX

2412MHz

15/01/2021

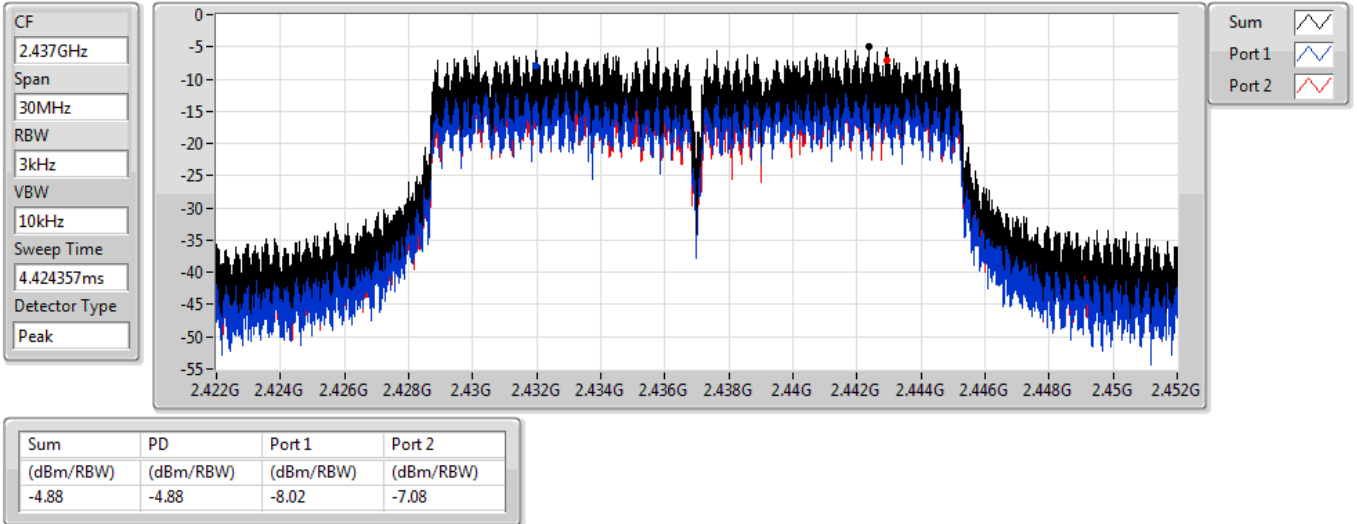


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

15/04/2020

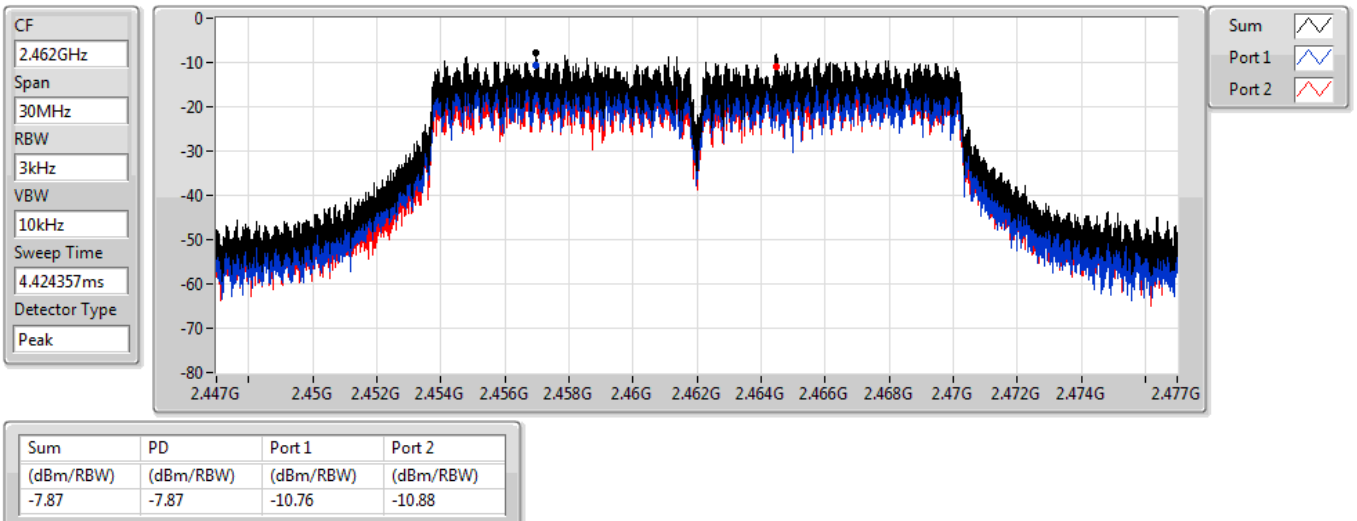


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

15/01/2021

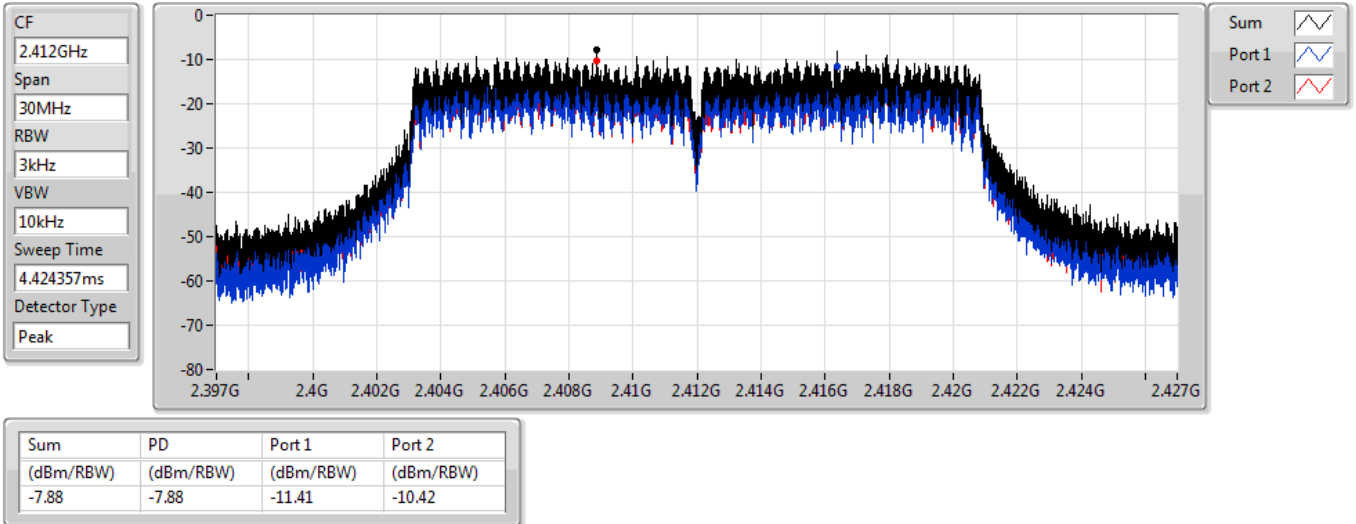


802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

PSD

15/01/2021

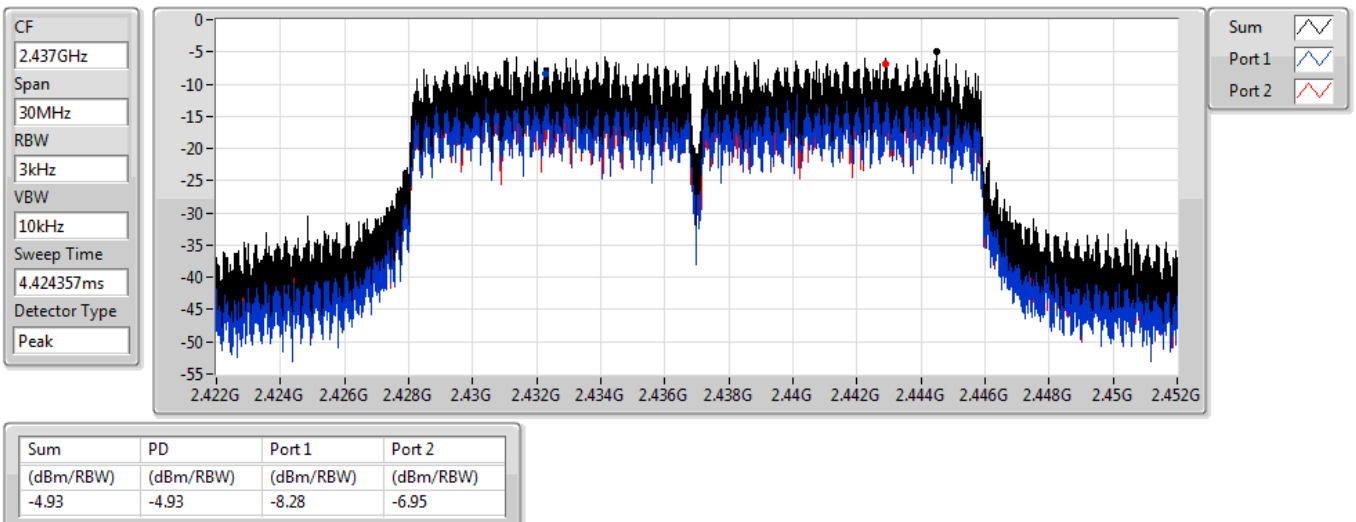


802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

PSD

15/04/2020

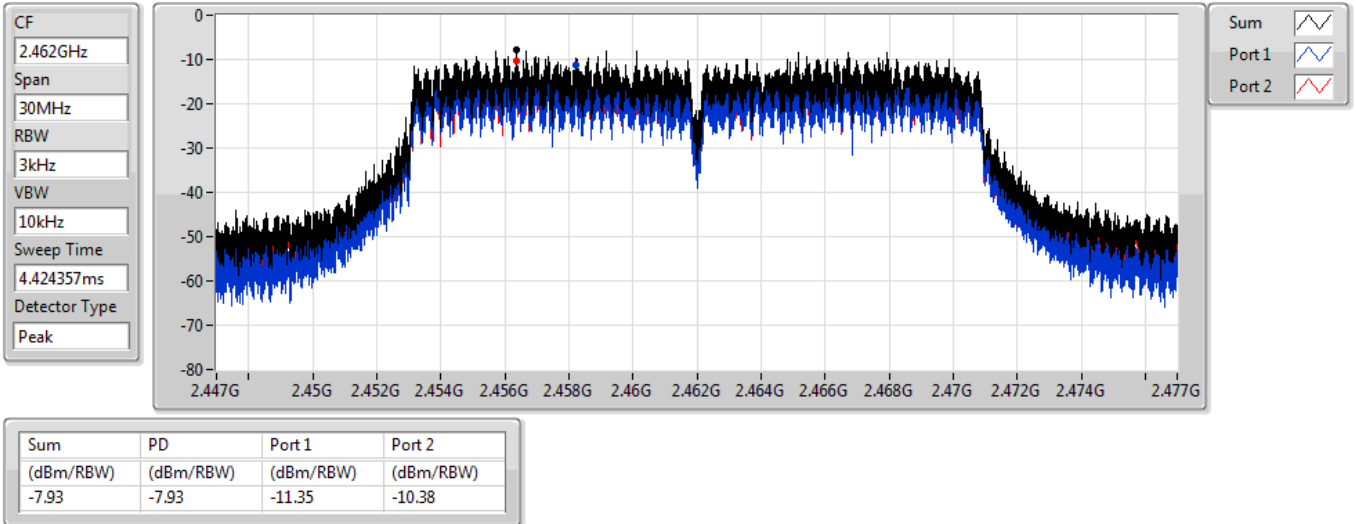


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

15/01/2021

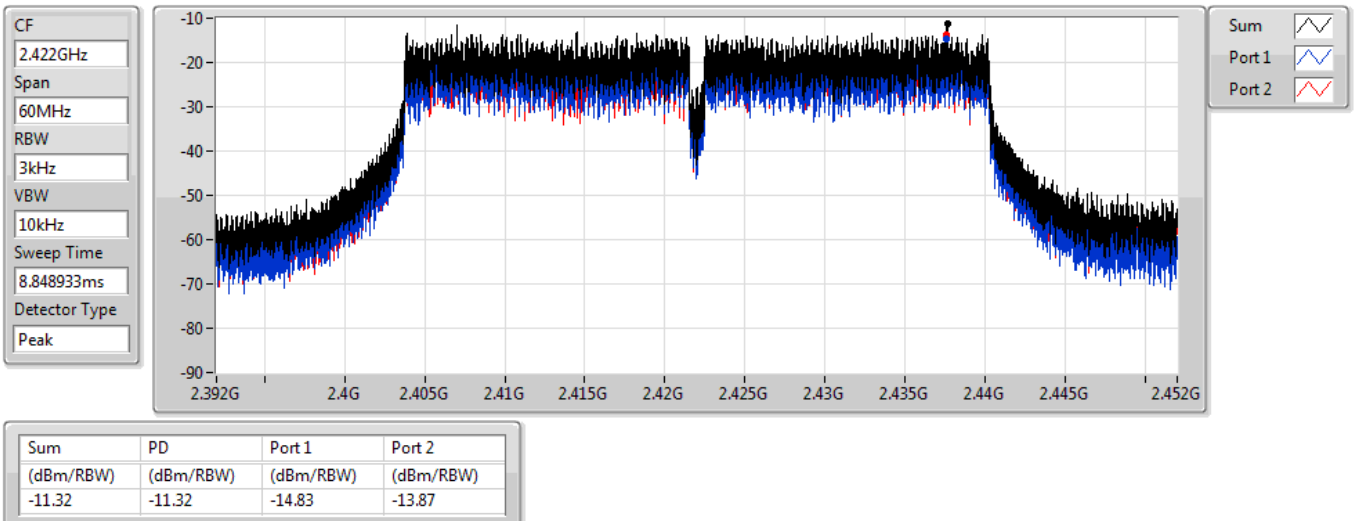


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

15/01/2021

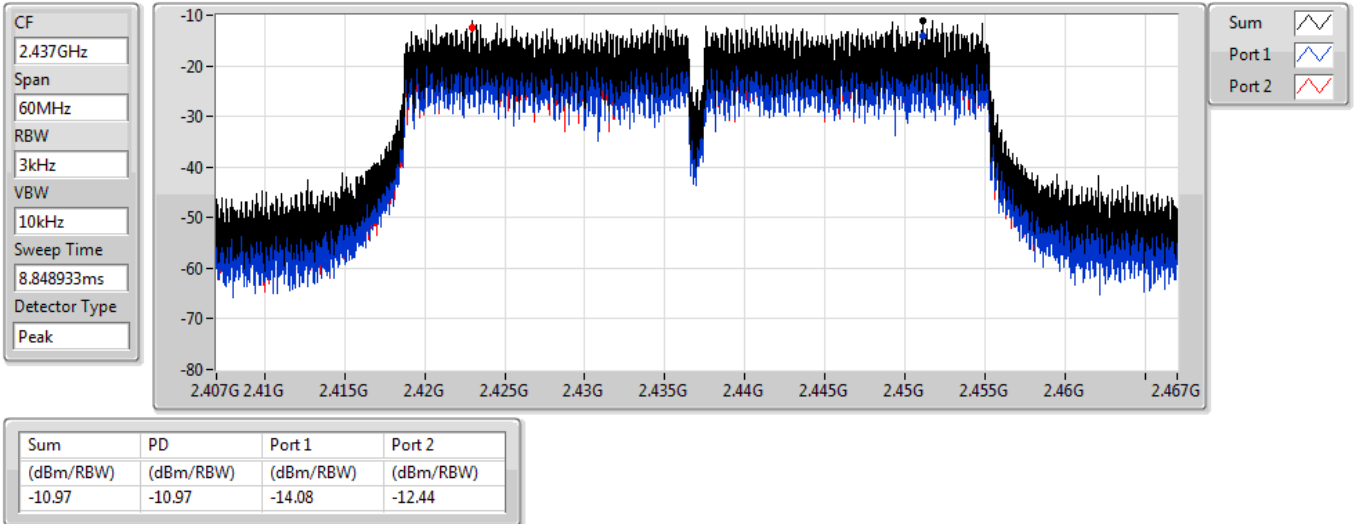


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/01/2021

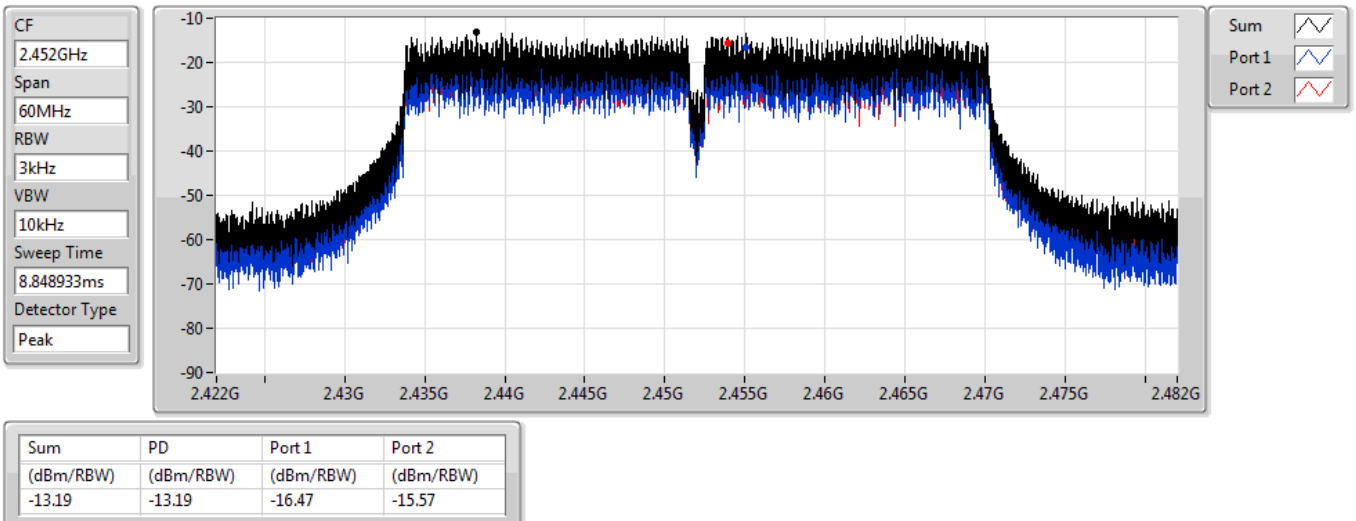


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

15/01/2021



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	2.43749G	11.24	-18.76	2.10807G	-54.46	2.397G	-34.12	2.4G	-35.87	2.51406G	-53.48	24.09813G	-43.66	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	7.88	-22.12	1.94992G	-55.52	2.39856G	-26.95	2.4G	-31.43	2.51292G	-52.86	16.21169G	-43.03	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.442G	8.69	-21.31	2.08011G	-55.33	2.3993G	-28.23	2.4G	-30.70	2.52174G	-52.88	14.95862G	-43.27	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.422G	2.22	-27.78	1.98681G	-55.66	2.39984G	-29.91	2.4G	-36.22	2.48386G	-37.77	23.45749G	-41.86	2

Result

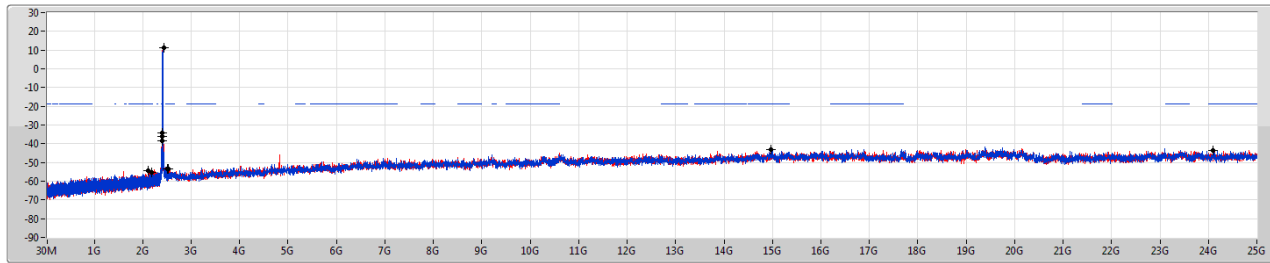
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	11.24	-18.76	2.18001G	-55.11	2.39698G	-35.89	2.4G	-38.21	2.51996G	-53.51	14.96705G	-43.03	1
2412MHz	Pass	2.43749G	11.24	-18.76	2.10807G	-54.46	2.397G	-34.12	2.4G	-35.87	2.51406G	-53.48	24.09813G	-43.66	2
2437MHz	Pass	2.43749G	11.24	-18.76	2.09555G	-55.39	2.39782G	-53.04	2.4G	-53.56	2.50796G	-53.42	23.44912G	-43.50	1
2437MHz	Pass	2.43749G	11.24	-18.76	2.13632G	-55.00	2.3999G	-50.97	2.4G	-50.90	2.4935G	-53.06	24.86795G	-43.85	2
2462MHz	Pass	2.43749G	11.24	-18.76	1.99565G	-54.61	2.3902G	-53.74	2.4835G	-45.14	2.4835G	-45.26	23.49126G	-43.55	1
2462MHz	Pass	2.43749G	11.24	-18.76	1.64149G	-51.42	2.39814G	-54.04	2.4835G	-40.75	2.484G	-36.54	16.25664G	-43.11	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.88	-22.12	2.10399G	-55.37	2.39824G	-28.18	2.4G	-31.44	2.49618G	-53.60	16.78765G	-42.93	1
2412MHz	Pass	2.43073G	7.88	-22.12	1.94992G	-55.52	2.39856G	-26.95	2.4G	-31.43	2.51292G	-52.86	16.21169G	-43.03	2
2437MHz	Pass	2.43073G	7.88	-22.12	2.14768G	-54.93	2.3977G	-48.16	2.4G	-50.86	2.50128G	-52.99	16.64998G	-42.70	1
2437MHz	Pass	2.43073G	7.88	-22.12	2.30728G	-55.84	2.39978G	-44.73	2.4G	-47.64	2.48422G	-50.34	15.02043G	-43.32	2
2462MHz	Pass	2.43073G	7.88	-22.12	2.0271G	-54.91	2.3923G	-54.44	2.4835G	-42.74	2.4835G	-40.64	23.39574G	-42.66	1
2462MHz	Pass	2.43073G	7.88	-22.12	1.9607G	-55.48	2.39424G	-54.39	2.4835G	-40.43	2.48386G	-38.14	16.64436G	-43.20	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	8.69	-21.31	2.1369G	-54.95	2.3994G	-31.34	2.4G	-35.16	2.50526G	-53.08	16.91127G	-42.89	1
2412MHz	Pass	2.442G	8.69	-21.31	2.08011G	-55.33	2.3993G	-28.23	2.4G	-30.70	2.52174G	-52.88	14.95862G	-43.27	2
2437MHz	Pass	2.442G	8.69	-21.31	2.16661G	-55.84	2.3989G	-47.40	2.4G	-50.18	2.50616G	-53.43	16.57693G	-42.85	1
2437MHz	Pass	2.442G	8.69	-21.31	2.02069G	-55.13	2.3992G	-43.84	2.4G	-46.26	2.48462G	-50.26	15.26206G	-42.81	2
2462MHz	Pass	2.442G	8.69	-21.31	2.30525G	-55.84	2.39998G	-53.19	2.4835G	-42.76	2.4839G	-39.89	16.29878G	-43.25	1
2462MHz	Pass	2.442G	8.69	-21.31	2.11593G	-56.01	2.39364G	-54.16	2.4835G	-38.41	2.48388G	-34.30	23.45193G	-43.33	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.422G	2.22	-27.78	2.10932G	-55.95	2.39968G	-33.70	2.4G	-35.82	2.55058G	-53.38	23.4631G	-43.15	1
2422MHz	Pass	2.422G	2.22	-27.78	2.08012G	-53.65	2.39972G	-34.43	2.4G	-36.57	2.4835G	-50.95	23.41823G	-42.01	2
2437MHz	Pass	2.422G	2.22	-27.78	2.13823G	-55.07	2.39988G	-34.68	2.4G	-38.30	2.48358G	-40.89	15.30463G	-43.07	1
2437MHz	Pass	2.422G	2.22	-27.78	1.98681G	-55.66	2.39984G	-29.91	2.4G	-36.22	2.48386G	-37.77	23.45749G	-41.86	2
2452MHz	Pass	2.422G	2.22	-27.78	2.07669G	-55.76	2.39488G	-48.39	2.4835G	-43.46	2.48462G	-40.62	16.28622G	-43.50	1
2452MHz	Pass	2.422G	2.22	-27.78	2.30655G	-55.97	2.39484G	-45.34	2.4835G	-39.56	2.48582G	-35.53	23.44627G	-43.25	2

802.11b_Nss1,(1Mbps)_2TX

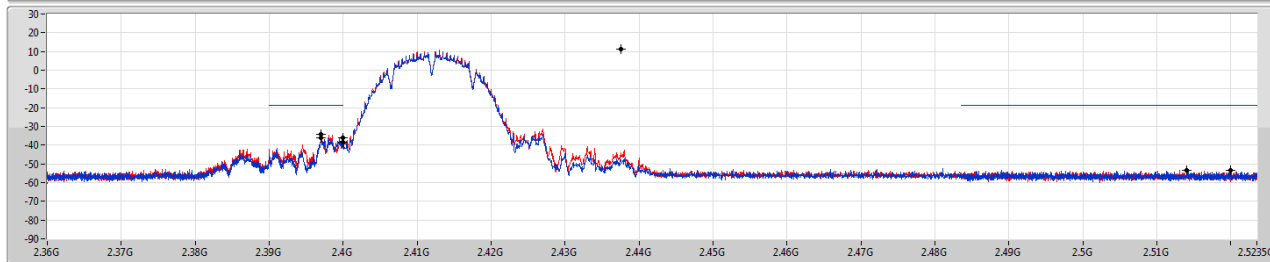
2412MHz

CSENdB

15/01/2021



Port 1
Port 2



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

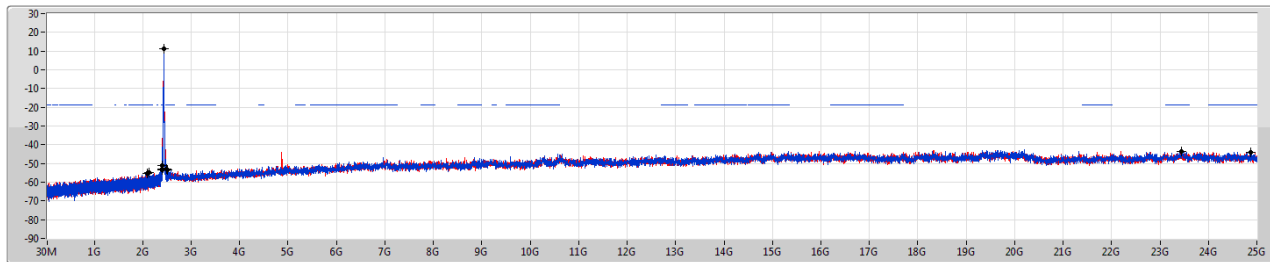
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	11.24	-18.76	2.18001G	-55.11	2.39698G	-35.89	2.4G	-38.21	2.51996G	-53.51	14.96705G	-43.03	1
2.43749G	11.24	-18.76	2.10807G	-54.46	2.397G	-34.12	2.4G	-35.87	2.51406G	-53.48	24.09813G	-43.66	2

802.11b_Nss1,(1Mbps)_2TX

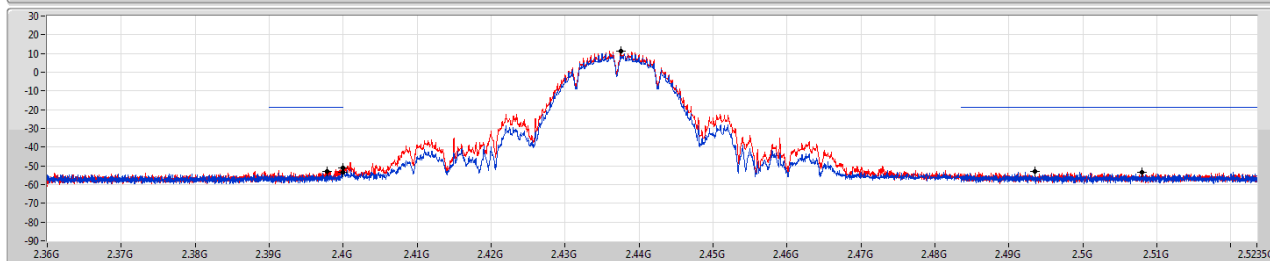
2437MHz

CSENdB

15/01/2021



Port 1
Port 2



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

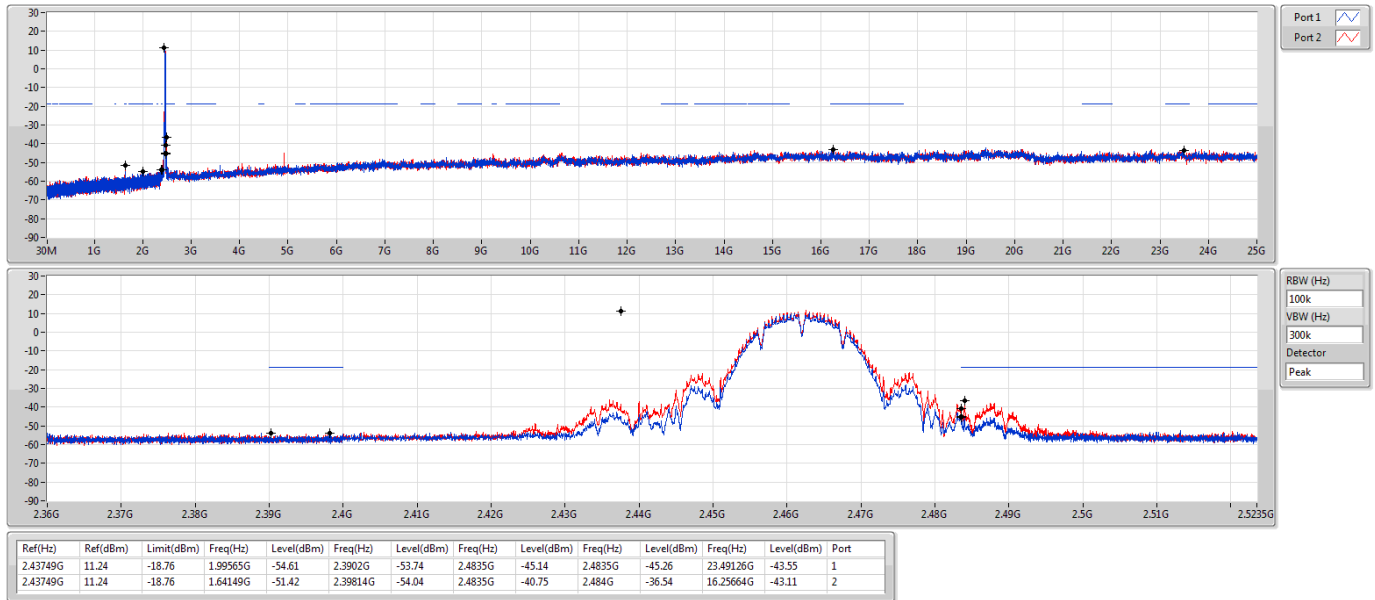
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	11.24	-18.76	2.09555G	-55.39	2.39782G	-53.04	2.4G	-53.56	2.50796G	-53.42	23.44912G	-43.50	1
2.43749G	11.24	-18.76	2.13632G	-55.00	2.3999G	-50.97	2.4G	-50.90	2.4935G	-53.06	24.86795G	-43.85	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

15/01/2021

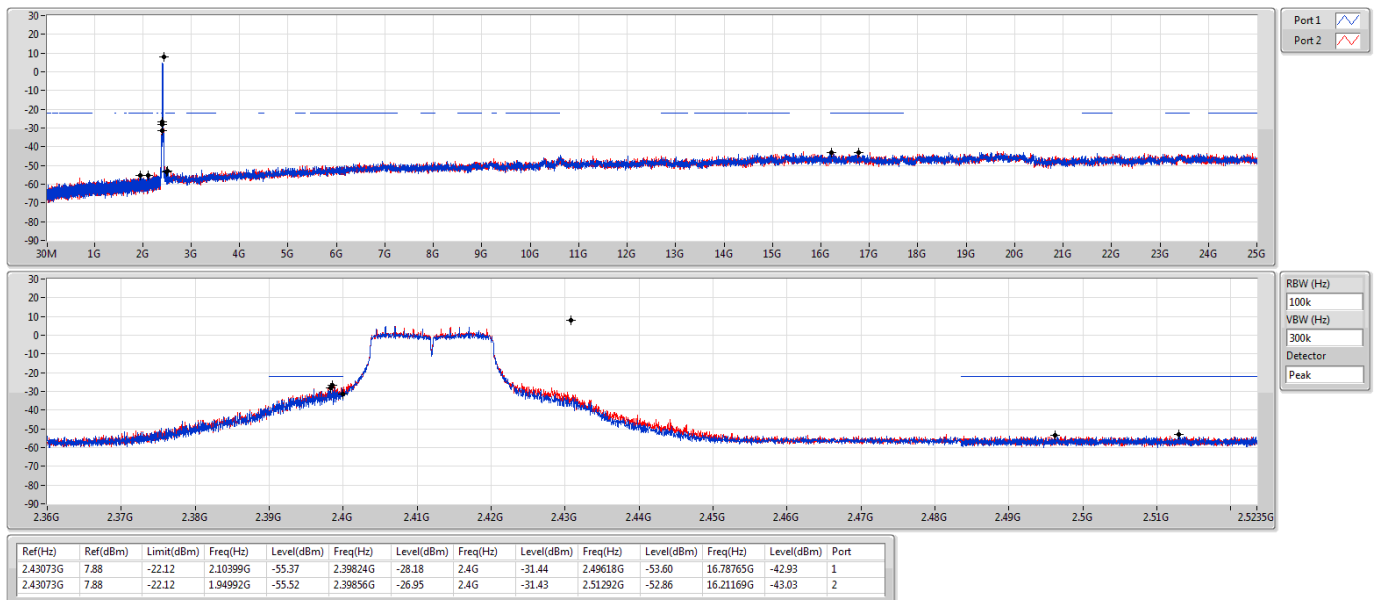


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

15/01/2021

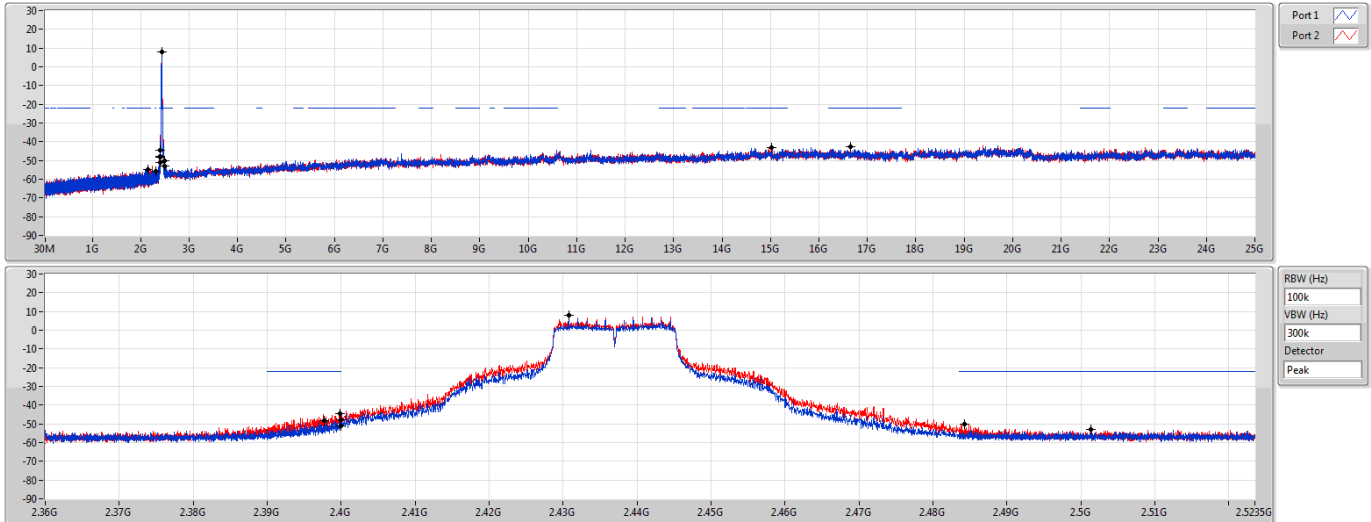


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

15/01/2021



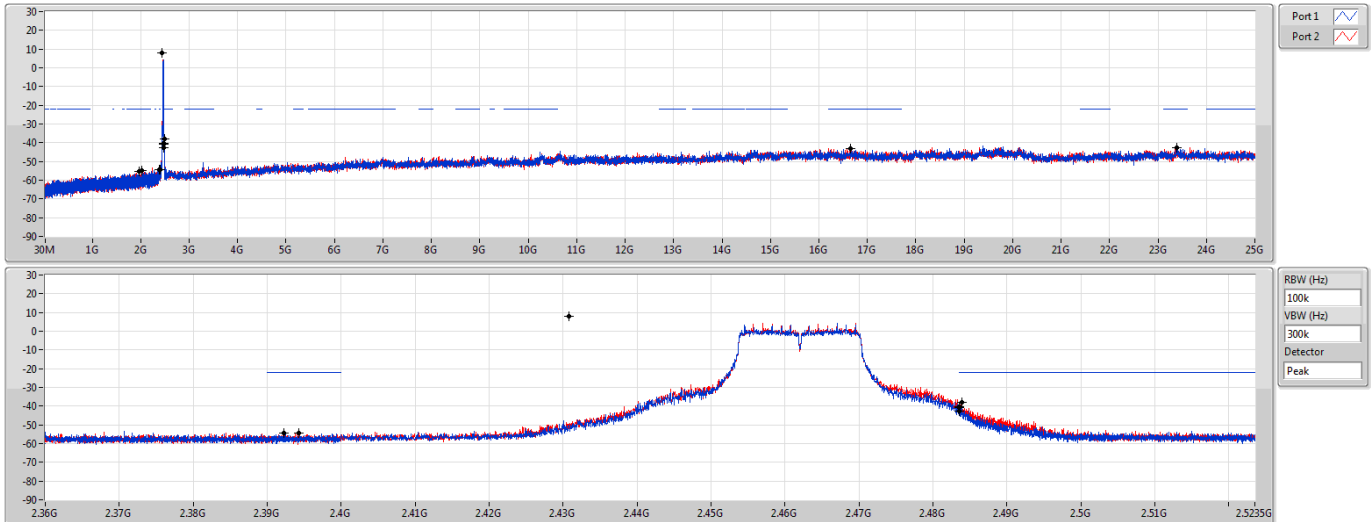
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.88	-22.12	2.14768G	-54.93	2.3977G	-48.16	2.4G	-50.86	2.50128G	-52.99	16.64998G	-42.70	1
2.43073G	7.88	-22.12	2.30728G	-55.84	2.39978G	-44.73	2.4G	-47.64	2.48422G	-50.34	15.02043G	-43.32	2

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

15/01/2021



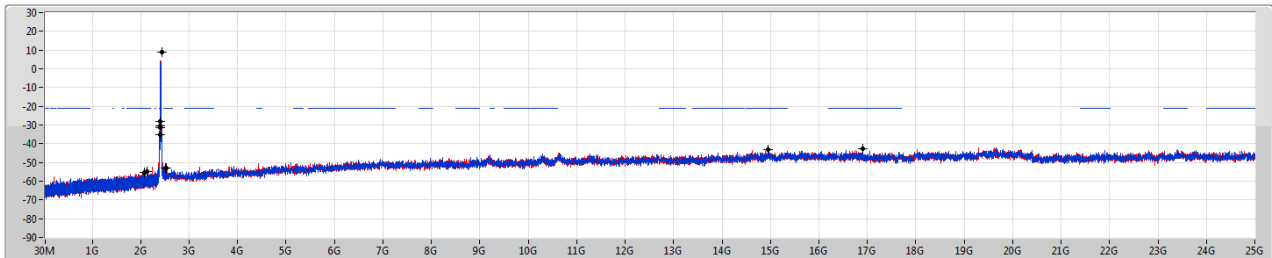
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.88	-22.12	2.0271G	-54.91	2.3923G	-54.44	2.4835G	-42.74	2.4835G	-40.64	23.39574G	-42.66	1
2.43073G	7.88	-22.12	1.9607G	-55.48	2.39424G	-54.39	2.4835G	-40.43	2.48386G	-38.14	16.64436G	-43.20	2

802.11n HT20_Nss1,(MCS0)_2TX

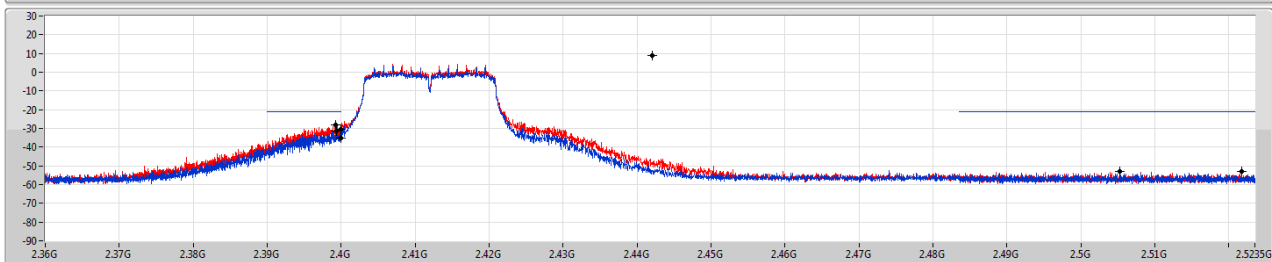
2412MHz

CSENdB

15/01/2021



Port 1
Port 2



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

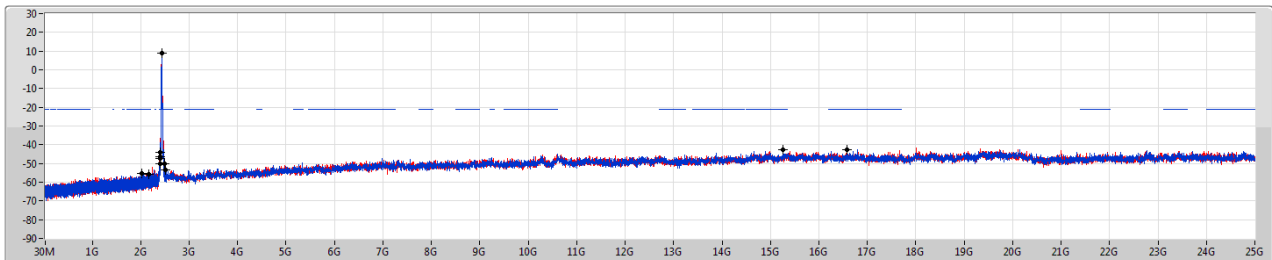
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	8.69	-21.31	2.1369G	-54.95	2.3994G	-31.34	2.4G	-35.16	2.50526G	-53.08	16.91127G	-42.89	1
2.442G	8.69	-21.31	2.08011G	-55.33	2.3993G	-28.23	2.4G	-30.70	2.52174G	-52.88	14.95862G	-43.27	2

802.11n HT20_Nss1,(MCS0)_2TX

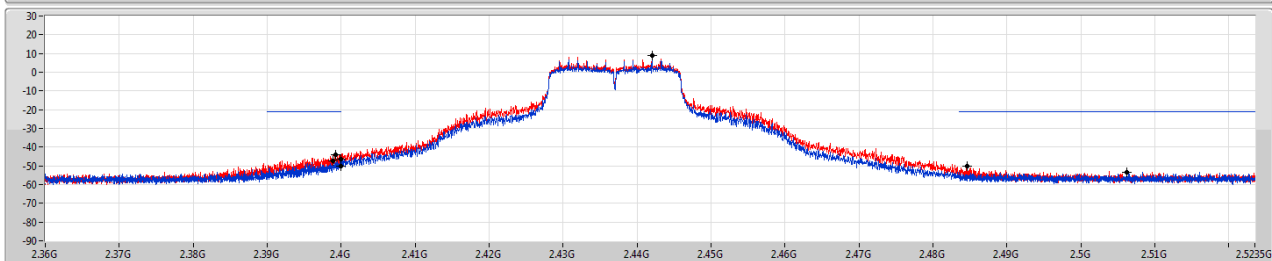
2437MHz

CSENdB

15/01/2021



Port 1
Port 2



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

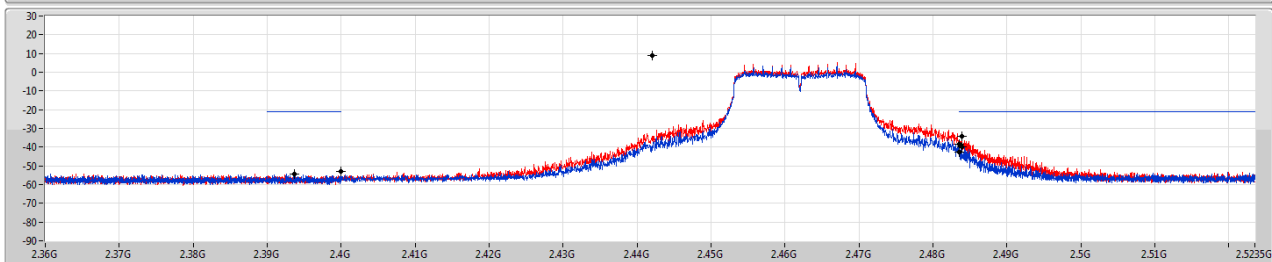
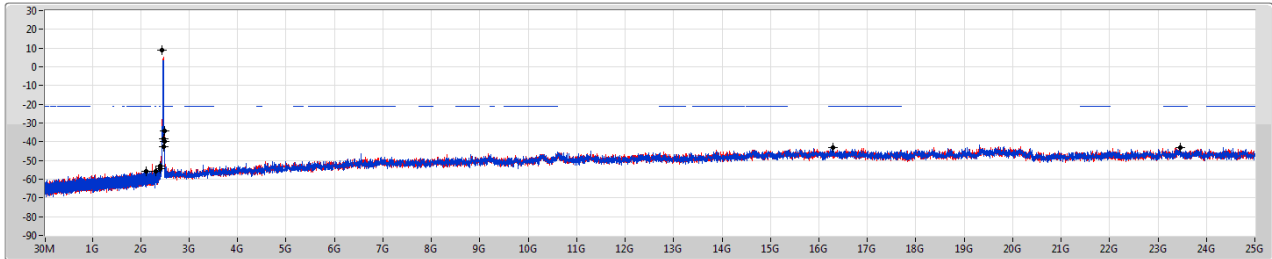
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	8.69	-21.31	2.16661G	-55.84	2.3989G	-47.40	2.4G	-50.18	2.50616G	-53.43	16.57693G	-42.85	1
2.442G	8.69	-21.31	2.02069G	-55.13	2.3992G	-43.84	2.4G	-46.26	2.48462G	-50.26	15.26206G	-42.81	2

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSEndB

15/01/2021



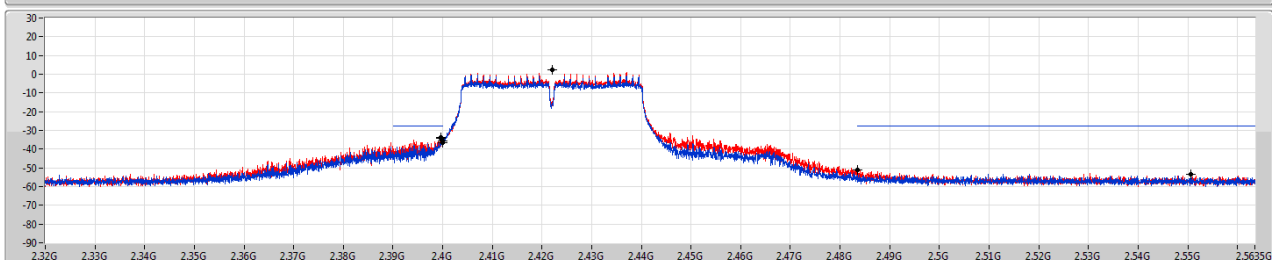
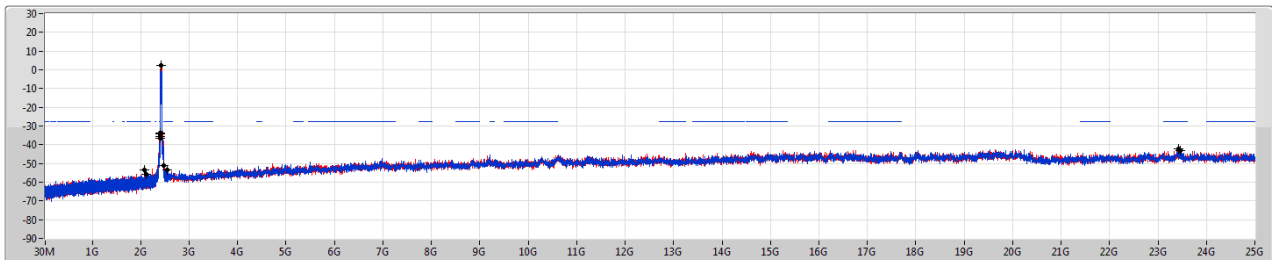
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	8.69	-21.31	2.30525G	-55.84	2.39998G	-53.19	2.4835G	-42.76	2.4839G	-39.89	16.29878G	-43.25	1
2.442G	8.69	-21.31	2.11593G	-56.01	2.39364G	-54.16	2.4835G	-38.41	2.48388G	-34.30	23.45193G	-43.33	2

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSEndB

15/01/2021



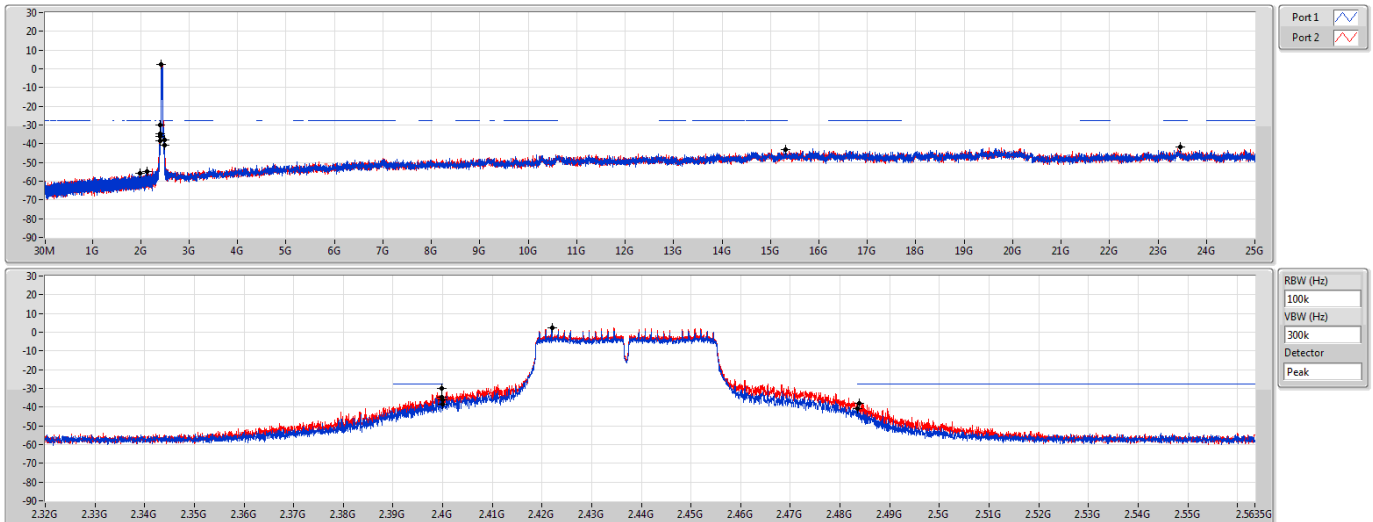
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.422G	2.22	-27.78	2.10952G	-55.95	2.39988G	-33.70	2.4G	-35.82	2.55058G	-53.38	23.4631G	-43.15	1
2.422G	2.22	-27.78	2.08012G	-53.65	2.39972G	-34.43	2.4G	-36.57	2.4835G	-50.95	23.41823G	-42.01	2

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

15/01/2021

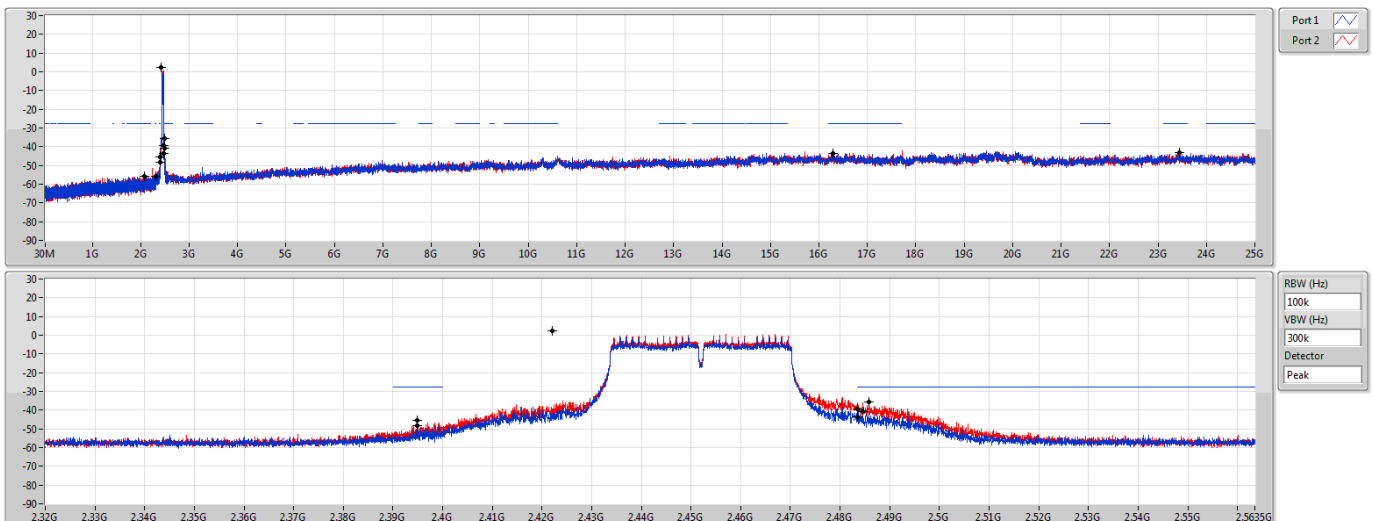


802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

15/01/2021





Summary

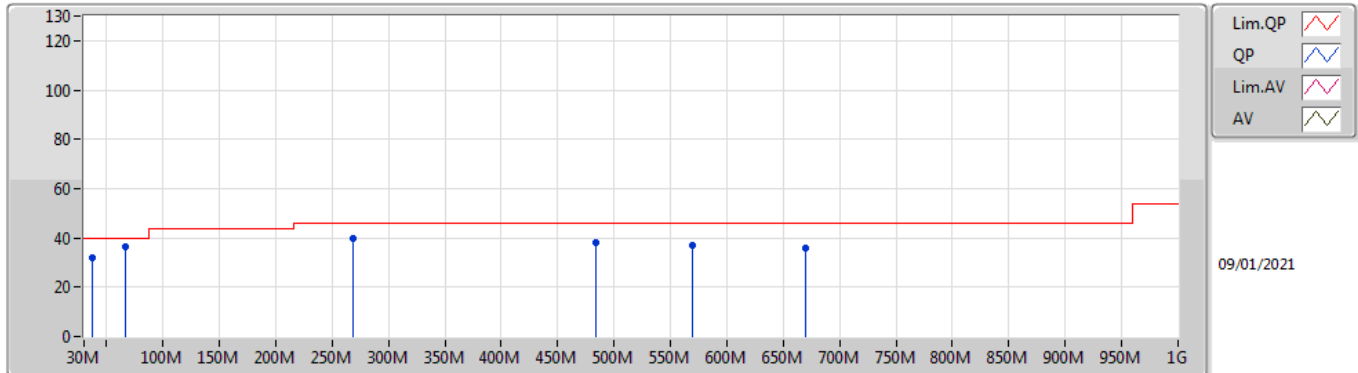
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	66.86M	36.63	40.00	-3.37	3	Vertical	0	1.00	-

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	66.86M	36.63	40.00	-3.37	3	Vertical	0	1.00	-
2437MHz	Pass	PK	268.62M	39.55	46.00	-6.45	3	Vertical	0	1.00	-
2437MHz	Pass	PK	483.96M	38.13	46.00	-7.87	3	Vertical	0	1.00	-
2437MHz	Pass	PK	569.32M	36.80	46.00	-9.20	3	Vertical	0	1.00	-
2437MHz	Pass	PK	670.2M	36.12	46.00	-9.88	3	Vertical	0	1.00	-
2437MHz	Pass	QP	37.76M	32.07	40.00	-7.93	3	Vertical	85	1.00	-
2437MHz	Pass	PK	144.46M	36.31	43.50	-7.19	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	270.56M	37.43	46.00	-8.57	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	470.38M	36.99	46.00	-9.01	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	567.38M	38.35	46.00	-7.65	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	935.98M	36.92	46.00	-9.08	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	37.76M	27.81	40.00	-12.19	3	Horizontal	285	2.65	-

802.11n HT40_Nss1,(MCS0)_2TX

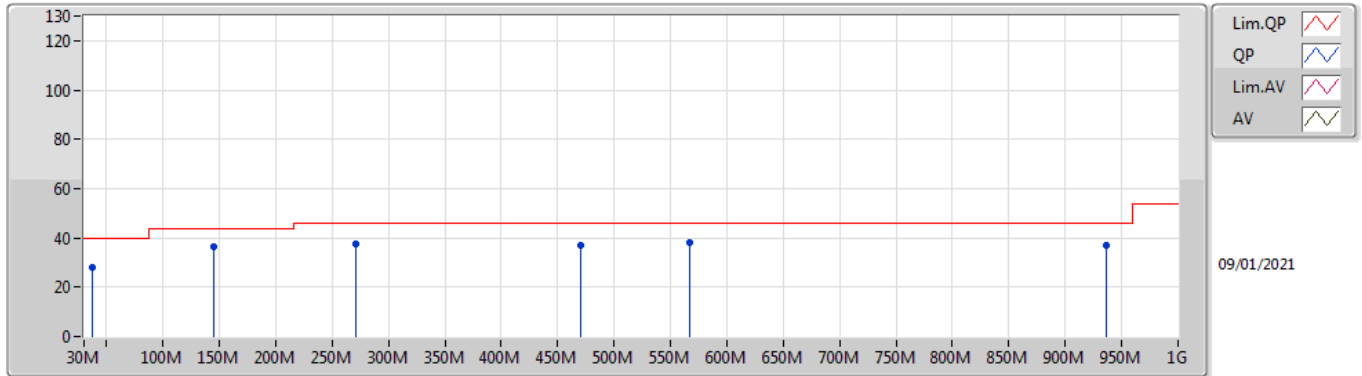
2437MHz_Switch Power Supply



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	66.86M	36.63	40.00	-3.37	-15.24	3	Vertical	0	1.00	-	51.87	11.44	1.14	27.82
PK	268.62M	39.55	46.00	-6.45	-6.37	3	Vertical	0	1.00	-	45.92	18.21	2.47	27.05
PK	483.96M	38.13	46.00	-7.87	-2.00	3	Vertical	0	1.00	-	40.13	22.81	3.40	28.21
PK	569.32M	36.80	46.00	-9.20	-0.62	3	Vertical	0	1.00	-	37.42	24.04	3.68	28.34
PK	670.2M	36.12	46.00	-9.88	0.03	3	Vertical	0	1.00	-	36.09	24.16	4.08	28.21
QP	37.76M	32.07	40.00	-7.93	-7.21	3	Vertical	85	1.00	-	39.28	19.08	0.86	27.15

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Switch Power Supply



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	144.46M	36.31	43.50	-7.19	-9.93	3	Horizontal	360	1.00	-	46.24	15.95	1.72	27.60
PK	270.56M	37.43	46.00	-8.57	-6.51	3	Horizontal	360	1.00	-	43.94	18.06	2.48	27.05
PK	470.38M	36.99	46.00	-9.01	-2.24	3	Horizontal	360	1.00	-	39.23	22.60	3.32	28.16
PK	567.38M	38.35	46.00	-7.65	-0.64	3	Horizontal	360	1.00	-	38.99	24.04	3.67	28.35
PK	935.98M	36.92	46.00	-9.08	3.43	3	Horizontal	360	1.00	-	33.49	25.85	4.87	27.29
QP	37.76M	27.81	40.00	-12.19	-7.21	3	Horizontal	285	2.65	-	35.02	19.08	0.86	27.15



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3862G	53.82	54.00	-0.18	3	Horizontal	128	1.20	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.4838G	73.67	74.00	-0.33	3	Horizontal	141	1.65	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.79	54.00	-0.21	3	Horizontal	130	1.13	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.82	54.00	-0.18	3	Horizontal	126	1.26	-

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	2.3866G	46.96	54.00	-7.04	3	Vertical	124	1.49	-
2412MHz	Pass	AV	2.4112G	98.40	Inf	-Inf	3	Vertical	124	1.49	-
2412MHz	Pass	PK	2.3838G	58.30	74.00	-15.70	3	Vertical	124	1.49	-
2412MHz	Pass	PK	2.411G	102.40	Inf	-Inf	3	Vertical	124	1.49	-
2412MHz	Pass	AV	2.3862G	53.82	54.00	-0.18	3	Horizontal	128	1.20	-
2412MHz	Pass	AV	2.4128G	108.60	Inf	-Inf	3	Horizontal	128	1.20	-
2412MHz	Pass	PK	2.3872G	61.53	74.00	-12.47	3	Horizontal	128	1.20	-
2412MHz	Pass	PK	2.413G	112.69	Inf	-Inf	3	Horizontal	128	1.20	-
2412MHz	Pass	AV	4.82399G	38.04	54.00	-15.96	3	Vertical	78	1.00	-
2412MHz	Pass	PK	4.82386G	45.38	74.00	-28.62	3	Vertical	78	1.00	-
2412MHz	Pass	AV	4.82399G	45.62	54.00	-8.38	3	Horizontal	253	1.25	-
2412MHz	Pass	PK	4.82394G	49.62	74.00	-24.38	3	Horizontal	253	1.25	-
2417MHz	Pass	AV	2.39G	46.66	54.00	-7.34	3	Vertical	158	1.51	-
2417MHz	Pass	AV	2.4152G	99.24	Inf	-Inf	3	Vertical	158	1.51	-
2417MHz	Pass	PK	2.3704G	58.02	74.00	-15.98	3	Vertical	158	1.51	-
2417MHz	Pass	PK	2.416G	103.36	Inf	-Inf	3	Vertical	158	1.51	-
2417MHz	Pass	AV	2.39G	53.62	54.00	-0.38	3	Horizontal	134	1.07	-
2417MHz	Pass	AV	2.4162G	106.69	Inf	-Inf	3	Horizontal	134	1.07	-
2417MHz	Pass	PK	2.3896G	60.60	74.00	-13.40	3	Horizontal	134	1.07	-
2417MHz	Pass	PK	2.416G	110.55	Inf	-Inf	3	Horizontal	134	1.07	-
2437MHz	Pass	AV	2.3422G	45.77	54.00	-8.23	3	Vertical	101	1.01	-
2437MHz	Pass	AV	2.4378G	98.99	Inf	-Inf	3	Vertical	101	1.01	-
2437MHz	Pass	AV	2.4962G	45.40	54.00	-8.60	3	Vertical	101	1.01	-
2437MHz	Pass	PK	2.3774G	58.11	74.00	-15.89	3	Vertical	101	1.01	-
2437MHz	Pass	PK	2.4378G	103.18	Inf	-Inf	3	Vertical	101	1.01	-
2437MHz	Pass	PK	2.4886G	57.50	74.00	-16.50	3	Vertical	101	1.01	-
2437MHz	Pass	AV	2.3558G	45.94	54.00	-8.06	3	Horizontal	135	1.10	-
2437MHz	Pass	AV	2.4362G	106.59	Inf	-Inf	3	Horizontal	135	1.10	-
2437MHz	Pass	AV	2.4982G	45.49	54.00	-8.51	3	Horizontal	135	1.10	-
2437MHz	Pass	PK	2.339G	58.21	74.00	-15.79	3	Horizontal	135	1.10	-
2437MHz	Pass	PK	2.4378G	110.61	Inf	-Inf	3	Horizontal	135	1.10	-
2437MHz	Pass	PK	2.4846G	58.30	74.00	-15.70	3	Horizontal	135	1.10	-
2437MHz	Pass	AV	4.87404G	34.75	54.00	-19.25	3	Vertical	89	1.49	-
2437MHz	Pass	AV	7.31026G	38.65	54.00	-15.35	3	Vertical	230	1.48	-
2437MHz	Pass	PK	4.87407G	44.85	74.00	-29.15	3	Vertical	89	1.49	-
2437MHz	Pass	PK	7.31008G	51.09	74.00	-22.91	3	Vertical	230	1.48	-
2437MHz	Pass	AV	4.874G	45.60	54.00	-8.40	3	Horizontal	117	1.49	-
2437MHz	Pass	AV	7.31027G	45.71	54.00	-8.29	3	Horizontal	263	1.49	-
2437MHz	Pass	PK	4.87402G	49.66	74.00	-24.34	3	Horizontal	117	1.49	-
2437MHz	Pass	PK	7.31011G	53.94	74.00	-20.06	3	Horizontal	263	1.49	-
2462MHz	Pass	AV	2.4612G	99.55	Inf	-Inf	3	Vertical	104	1.00	-
2462MHz	Pass	AV	2.4835G	48.05	54.00	-5.95	3	Vertical	104	1.00	-
2462MHz	Pass	PK	2.463G	103.75	Inf	-Inf	3	Vertical	104	1.00	-
2462MHz	Pass	PK	2.484G	59.00	74.00	-15.00	3	Vertical	104	1.00	-
2462MHz	Pass	AV	2.4612G	105.97	Inf	-Inf	3	Horizontal	109	1.35	-
2462MHz	Pass	AV	2.4835G	52.36	54.00	-1.64	3	Horizontal	109	1.35	-
2462MHz	Pass	PK	2.463G	109.92	Inf	-Inf	3	Horizontal	109	1.35	-
2462MHz	Pass	PK	2.488G	60.89	74.00	-13.11	3	Horizontal	109	1.35	-
2462MHz	Pass	AV	4.92399G	39.52	54.00	-14.48	3	Vertical	284	1.14	-
2462MHz	Pass	AV	7.38526G	38.41	54.00	-15.59	3	Vertical	217	1.49	-
2462MHz	Pass	PK	4.92399G	46.68	74.00	-27.32	3	Vertical	284	1.14	-
2462MHz	Pass	PK	7.38728G	50.96	74.00	-23.04	3	Vertical	217	1.49	-
2462MHz	Pass	AV	4.92401G	46.46	54.00	-7.54	3	Horizontal	118	1.49	-
2462MHz	Pass	AV	7.38523G	45.15	54.00	-8.85	3	Horizontal	262	1.48	-
2462MHz	Pass	PK	4.92393G	50.34	74.00	-23.66	3	Horizontal	118	1.49	-
2462MHz	Pass	PK	7.38616G	54.13	74.00	-19.87	3	Horizontal	262	1.48	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.94	54.00	-6.06	3	Vertical	160	1.48	-
2412MHz	Pass	AV	2.4074G	90.86	Inf	-Inf	3	Vertical	160	1.48	-
2412MHz	Pass	PK	2.39G	64.34	74.00	-9.66	3	Vertical	160	1.48	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4072G	100.65	Inf	-Inf	3	Vertical	160	1.48	-
2412MHz	Pass	AV	2.3898G	53.52	54.00	-0.48	3	Horizontal	130	1.11	-
2412MHz	Pass	AV	2.4156G	98.88	Inf	-Inf	3	Horizontal	130	1.11	-
2412MHz	Pass	PK	2.3886G	70.24	74.00	-3.76	3	Horizontal	130	1.11	-
2412MHz	Pass	PK	2.4142G	108.83	Inf	-Inf	3	Horizontal	130	1.11	-
2412MHz	Pass	AV	4.82396G	30.59	54.00	-23.41	3	Vertical	79	1.00	-
2412MHz	Pass	PK	4.82521G	43.33	74.00	-30.67	3	Vertical	79	1.00	-
2412MHz	Pass	AV	4.82402G	36.20	54.00	-17.80	3	Horizontal	253	1.27	-
2412MHz	Pass	PK	4.82406G	46.61	74.00	-27.39	3	Horizontal	253	1.27	-
2417MHz	Pass	AV	2.39G	48.07	54.00	-5.93	3	Vertical	160	1.48	-
2417MHz	Pass	AV	2.4112G	92.90	Inf	-Inf	3	Vertical	160	1.48	-
2417MHz	Pass	PK	2.39G	61.84	74.00	-12.16	3	Vertical	160	1.48	-
2417MHz	Pass	PK	2.4108G	102.15	Inf	-Inf	3	Vertical	160	1.48	-
2417MHz	Pass	AV	2.3898G	53.50	54.00	-0.50	3	Horizontal	127	1.16	-
2417MHz	Pass	AV	2.4132G	101.44	Inf	-Inf	3	Horizontal	127	1.16	-
2417MHz	Pass	PK	2.39G	69.29	74.00	-4.71	3	Horizontal	127	1.16	-
2417MHz	Pass	PK	2.4124G	110.64	Inf	-Inf	3	Horizontal	127	1.16	-
2437MHz	Pass	AV	2.341G	46.24	54.00	-7.76	3	Vertical	158	1.49	-
2437MHz	Pass	AV	2.433G	92.49	Inf	-Inf	3	Vertical	158	1.49	-
2437MHz	Pass	AV	2.4854G	45.86	54.00	-8.14	3	Vertical	158	1.49	-
2437MHz	Pass	PK	2.341G	57.82	74.00	-16.18	3	Vertical	158	1.49	-
2437MHz	Pass	PK	2.4306G	101.84	Inf	-Inf	3	Vertical	158	1.49	-
2437MHz	Pass	PK	2.499G	57.71	74.00	-16.29	3	Vertical	158	1.49	-
2437MHz	Pass	AV	2.3374G	46.36	54.00	-7.64	3	Horizontal	127	1.76	-
2437MHz	Pass	AV	2.4306G	101.07	Inf	-Inf	3	Horizontal	127	1.76	-
2437MHz	Pass	AV	2.4838G	45.88	54.00	-8.12	3	Horizontal	127	1.76	-
2437MHz	Pass	PK	2.3514G	58.43	74.00	-15.57	3	Horizontal	127	1.76	-
2437MHz	Pass	PK	2.4302G	110.60	Inf	-Inf	3	Horizontal	127	1.76	-
2437MHz	Pass	PK	2.4846G	57.58	74.00	-16.42	3	Horizontal	127	1.76	-
2437MHz	Pass	AV	4.87343G	29.97	54.00	-24.03	3	Vertical	87	1.48	-
2437MHz	Pass	AV	7.31296G	36.49	54.00	-17.51	3	Vertical	219	1.49	-
2437MHz	Pass	PK	4.87597G	43.40	74.00	-30.60	3	Vertical	87	1.48	-
2437MHz	Pass	PK	7.31333G	49.59	74.00	-24.41	3	Vertical	219	1.49	-
2437MHz	Pass	AV	4.87392G	32.66	54.00	-21.34	3	Horizontal	250	1.49	-
2437MHz	Pass	AV	7.31083G	39.13	54.00	-14.87	3	Horizontal	264	1.48	-
2437MHz	Pass	PK	4.87302G	44.76	74.00	-29.24	3	Horizontal	250	1.49	-
2437MHz	Pass	PK	7.30956G	52.65	74.00	-21.35	3	Horizontal	264	1.48	-
2457MHz	Pass	AV	2.463G	93.01	Inf	-Inf	3	Vertical	104	1.00	-
2457MHz	Pass	AV	2.4835G	47.88	54.00	-6.12	3	Vertical	104	1.00	-
2457MHz	Pass	PK	2.4632G	102.80	Inf	-Inf	3	Vertical	104	1.00	-
2457MHz	Pass	PK	2.4836G	60.77	74.00	-13.23	3	Vertical	104	1.00	-
2457MHz	Pass	AV	2.4518G	98.30	Inf	-Inf	3	Horizontal	147	1.48	-
2457MHz	Pass	AV	2.4835G	49.76	54.00	-4.24	3	Horizontal	147	1.48	-
2457MHz	Pass	PK	2.4514G	108.47	Inf	-Inf	3	Horizontal	147	1.48	-
2457MHz	Pass	PK	2.4852G	65.71	74.00	-8.29	3	Horizontal	147	1.48	-
2462MHz	Pass	AV	2.4682G	89.69	Inf	-Inf	3	Vertical	104	1.36	-
2462MHz	Pass	AV	2.4836G	48.21	54.00	-5.79	3	Vertical	104	1.36	-
2462MHz	Pass	PK	2.468G	99.20	Inf	-Inf	3	Vertical	104	1.36	-
2462MHz	Pass	PK	2.4836G	64.96	74.00	-9.04	3	Vertical	104	1.36	-
2462MHz	Pass	AV	2.467G	97.31	Inf	-Inf	3	Horizontal	141	1.65	-
2462MHz	Pass	AV	2.4835G	52.78	54.00	-1.22	3	Horizontal	141	1.65	-
2462MHz	Pass	PK	2.4664G	106.66	Inf	-Inf	3	Horizontal	141	1.65	-
2462MHz	Pass	PK	2.4838G	73.67	74.00	-0.33	3	Horizontal	141	1.65	-
2462MHz	Pass	AV	4.92397G	30.90	54.00	-23.10	3	Vertical	87	1.00	-
2462MHz	Pass	AV	7.38798G	36.31	54.00	-17.69	3	Vertical	233	1.49	-
2462MHz	Pass	PK	4.9238G	44.38	74.00	-29.62	3	Vertical	87	1.00	-
2462MHz	Pass	PK	7.38435G	49.43	74.00	-24.57	3	Vertical	233	1.49	-
2462MHz	Pass	AV	4.92402G	35.08	54.00	-18.92	3	Horizontal	259	1.24	-
2462MHz	Pass	AV	7.38693G	37.66	54.00	-16.34	3	Horizontal	262	1.47	-
2462MHz	Pass	PK	4.92356G	48.00	74.00	-26.00	3	Horizontal	259	1.24	-
2462MHz	Pass	PK	7.38748G	51.82	74.00	-22.18	3	Horizontal	262	1.47	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-

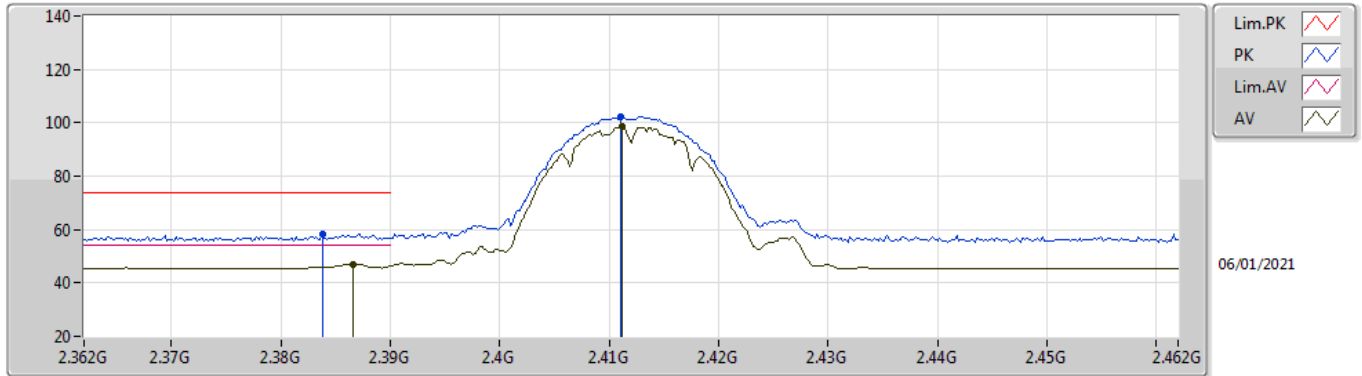
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.3898G	48.04	54.00	-5.96	3	Vertical	160	1.48	-
2412MHz	Pass	AV	2.4054G	90.59	Inf	-Inf	3	Vertical	160	1.48	-
2412MHz	Pass	PK	2.3896G	65.18	74.00	-8.82	3	Vertical	160	1.48	-
2412MHz	Pass	PK	2.406G	100.68	Inf	-Inf	3	Vertical	160	1.48	-
2412MHz	Pass	AV	2.39G	52.80	54.00	-1.20	3	Horizontal	137	1.14	-
2412MHz	Pass	AV	2.4064G	97.80	Inf	-Inf	3	Horizontal	137	1.14	-
2412MHz	Pass	PK	2.3896G	71.01	74.00	-2.99	3	Horizontal	137	1.14	-
2412MHz	Pass	PK	2.406G	108.20	Inf	-Inf	3	Horizontal	137	1.14	-
2412MHz	Pass	AV	4.82407G	29.74	54.00	-24.26	3	Vertical	65	1.83	-
2412MHz	Pass	PK	4.82288G	43.64	74.00	-30.36	3	Vertical	65	1.83	-
2412MHz	Pass	AV	4.82399G	36.16	54.00	-17.84	3	Horizontal	253	1.46	-
2412MHz	Pass	PK	4.82402G	47.53	74.00	-26.47	3	Horizontal	253	1.46	-
2417MHz	Pass	AV	2.39G	48.45	54.00	-5.55	3	Vertical	159	1.49	-
2417MHz	Pass	AV	2.4112G	93.02	Inf	-Inf	3	Vertical	159	1.49	-
2417MHz	Pass	PK	2.3872G	61.64	74.00	-12.36	3	Vertical	159	1.49	-
2417MHz	Pass	PK	2.412G	102.63	Inf	-Inf	3	Vertical	159	1.49	-
2417MHz	Pass	AV	2.39G	53.79	54.00	-0.21	3	Horizontal	130	1.13	-
2417MHz	Pass	AV	2.4106G	100.85	Inf	-Inf	3	Horizontal	130	1.13	-
2417MHz	Pass	PK	2.3898G	67.58	74.00	-6.42	3	Horizontal	130	1.13	-
2417MHz	Pass	PK	2.4142G	110.39	Inf	-Inf	3	Horizontal	130	1.13	-
2437MHz	Pass	AV	2.355G	46.36	54.00	-7.64	3	Vertical	155	1.47	-
2437MHz	Pass	AV	2.431G	92.29	Inf	-Inf	3	Vertical	155	1.47	-
2437MHz	Pass	AV	2.4986G	46.10	54.00	-7.90	3	Vertical	155	1.47	-
2437MHz	Pass	PK	2.3426G	59.01	74.00	-14.99	3	Vertical	155	1.47	-
2437MHz	Pass	PK	2.4306G	101.33	Inf	-Inf	3	Vertical	155	1.47	-
2437MHz	Pass	PK	2.499G	57.59	74.00	-16.41	3	Vertical	155	1.47	-
2437MHz	Pass	AV	2.3886G	46.53	54.00	-7.47	3	Horizontal	144	1.49	-
2437MHz	Pass	AV	2.4314G	99.90	Inf	-Inf	3	Horizontal	144	1.49	-
2437MHz	Pass	AV	2.4854G	46.25	54.00	-7.75	3	Horizontal	144	1.49	-
2437MHz	Pass	PK	2.3882G	59.71	74.00	-14.29	3	Horizontal	144	1.49	-
2437MHz	Pass	PK	2.431G	109.31	Inf	-Inf	3	Horizontal	144	1.49	-
2437MHz	Pass	PK	2.4958G	57.67	74.00	-16.33	3	Horizontal	144	1.49	-
2437MHz	Pass	AV	4.87266G	29.70	54.00	-24.30	3	Vertical	97	1.21	-
2437MHz	Pass	AV	7.3092G	36.55	54.00	-17.45	3	Vertical	210	1.48	-
2437MHz	Pass	PK	4.87264G	42.82	74.00	-31.18	3	Vertical	97	1.21	-
2437MHz	Pass	PK	7.30921G	49.89	74.00	-24.11	3	Vertical	210	1.48	-
2437MHz	Pass	AV	4.87393G	33.72	54.00	-20.28	3	Horizontal	251	1.32	-
2437MHz	Pass	AV	7.31176G	38.71	54.00	-15.29	3	Horizontal	262	1.49	-
2437MHz	Pass	PK	4.87577G	45.83	74.00	-28.17	3	Horizontal	251	1.32	-
2437MHz	Pass	PK	7.31084G	52.49	74.00	-21.51	3	Horizontal	262	1.49	-
2457MHz	Pass	AV	2.4514G	92.81	Inf	-Inf	3	Vertical	98	1.00	-
2457MHz	Pass	AV	2.4835G	48.09	54.00	-5.91	3	Vertical	98	1.00	-
2457MHz	Pass	PK	2.4538G	102.53	Inf	-Inf	3	Vertical	98	1.00	-
2457MHz	Pass	PK	2.4856G	63.40	74.00	-10.60	3	Vertical	98	1.00	-
2457MHz	Pass	AV	2.4628G	99.20	Inf	-Inf	3	Horizontal	134	1.10	-
2457MHz	Pass	AV	2.4835G	52.27	54.00	-1.73	3	Horizontal	134	1.10	-
2457MHz	Pass	PK	2.4636G	109.65	Inf	-Inf	3	Horizontal	134	1.10	-
2457MHz	Pass	PK	2.485G	69.29	74.00	-4.71	3	Horizontal	134	1.10	-
2462MHz	Pass	AV	2.4562G	90.48	Inf	-Inf	3	Vertical	98	1.00	-
2462MHz	Pass	AV	2.4835G	49.32	54.00	-4.68	3	Vertical	98	1.00	-
2462MHz	Pass	PK	2.4572G	99.83	Inf	-Inf	3	Vertical	98	1.00	-
2462MHz	Pass	PK	2.4836G	64.98	74.00	-9.02	3	Vertical	98	1.00	-
2462MHz	Pass	AV	2.4658G	96.84	Inf	-Inf	3	Horizontal	128	1.65	-
2462MHz	Pass	AV	2.4836G	53.35	54.00	-0.65	3	Horizontal	128	1.65	-
2462MHz	Pass	PK	2.4568G	106.55	Inf	-Inf	3	Horizontal	128	1.65	-
2462MHz	Pass	PK	2.4835G	71.52	74.00	-2.48	3	Horizontal	128	1.65	-
2462MHz	Pass	AV	4.92409G	30.64	54.00	-23.36	3	Vertical	79	1.00	-
2462MHz	Pass	AV	7.38492G	36.53	54.00	-17.47	3	Vertical	250	1.49	-
2462MHz	Pass	PK	4.92243G	44.09	74.00	-29.91	3	Vertical	79	1.00	-
2462MHz	Pass	PK	7.38477G	50.26	74.00	-23.74	3	Vertical	250	1.49	-
2462MHz	Pass	AV	4.92399G	33.93	54.00	-20.07	3	Horizontal	257	1.49	-
2462MHz	Pass	AV	7.38543G	37.52	54.00	-16.48	3	Horizontal	259	1.48	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.92386G	46.54	74.00	-27.46	3	Horizontal	257	1.49	-
2462MHz	Pass	PK	7.38547G	51.21	74.00	-22.79	3	Horizontal	259	1.48	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	48.34	54.00	-5.66	3	Vertical	156	1.67	-
2422MHz	Pass	AV	2.4088G	87.14	Inf	-Inf	3	Vertical	156	1.67	-
2422MHz	Pass	AV	2.4952G	46.41	54.00	-7.59	3	Vertical	156	1.67	-
2422MHz	Pass	PK	2.39G	61.35	74.00	-12.65	3	Vertical	156	1.67	-
2422MHz	Pass	PK	2.41G	96.87	Inf	-Inf	3	Vertical	156	1.67	-
2422MHz	Pass	PK	2.49G	57.30	74.00	-16.70	3	Vertical	156	1.67	-
2422MHz	Pass	AV	2.3892G	53.47	54.00	-0.53	3	Horizontal	126	1.18	-
2422MHz	Pass	AV	2.4156G	94.24	Inf	-Inf	3	Horizontal	126	1.18	-
2422MHz	Pass	AV	2.5G	46.59	54.00	-7.41	3	Horizontal	126	1.18	-
2422MHz	Pass	PK	2.3892G	67.67	74.00	-6.33	3	Horizontal	126	1.18	-
2422MHz	Pass	PK	2.41G	104.18	Inf	-Inf	3	Horizontal	126	1.18	-
2422MHz	Pass	PK	2.494G	57.59	74.00	-16.41	3	Horizontal	126	1.18	-
2422MHz	Pass	AV	4.84605G	30.91	54.00	-23.09	3	Vertical	260	2.30	-
2422MHz	Pass	AV	7.26627G	37.41	54.00	-16.59	3	Vertical	252	2.46	-
2422MHz	Pass	PK	4.84356G	43.50	74.00	-30.50	3	Vertical	260	2.30	-
2422MHz	Pass	PK	7.26611G	49.83	74.00	-24.17	3	Vertical	252	2.46	-
2422MHz	Pass	AV	4.84396G	37.32	54.00	-16.68	3	Horizontal	252	1.33	-
2422MHz	Pass	AV	7.26717G	37.34	54.00	-16.66	3	Horizontal	281	1.43	-
2422MHz	Pass	PK	4.84401G	45.89	74.00	-28.11	3	Horizontal	252	1.33	-
2422MHz	Pass	PK	7.26711G	49.50	74.00	-24.50	3	Horizontal	281	1.43	-
2427MHz	Pass	AV	2.3874G	47.40	54.00	-6.60	3	Vertical	132	1.48	-
2427MHz	Pass	AV	2.413G	86.89	Inf	-Inf	3	Vertical	132	1.48	-
2427MHz	Pass	AV	2.4838G	46.60	54.00	-7.40	3	Vertical	132	1.48	-
2427MHz	Pass	PK	2.3886G	58.17	74.00	-15.83	3	Vertical	132	1.48	-
2427MHz	Pass	PK	2.4138G	96.79	Inf	-Inf	3	Vertical	132	1.48	-
2427MHz	Pass	PK	2.485G	57.29	74.00	-16.71	3	Vertical	132	1.48	-
2427MHz	Pass	AV	2.3898G	53.82	54.00	-0.18	3	Horizontal	126	1.26	-
2427MHz	Pass	AV	2.4126G	95.37	Inf	-Inf	3	Horizontal	126	1.26	-
2427MHz	Pass	AV	2.4838G	47.05	54.00	-6.95	3	Horizontal	126	1.26	-
2427MHz	Pass	PK	2.3894G	68.42	74.00	-5.58	3	Horizontal	126	1.26	-
2427MHz	Pass	PK	2.4138G	105.52	Inf	-Inf	3	Horizontal	126	1.26	-
2427MHz	Pass	PK	2.4898G	57.63	74.00	-16.37	3	Horizontal	126	1.26	-
2437MHz	Pass	AV	2.3898G	47.21	54.00	-6.79	3	Vertical	133	1.47	-
2437MHz	Pass	AV	2.421G	88.41	Inf	-Inf	3	Vertical	133	1.47	-
2437MHz	Pass	AV	2.4838G	47.25	54.00	-6.75	3	Vertical	133	1.47	-
2437MHz	Pass	PK	2.387G	59.11	74.00	-14.89	3	Vertical	133	1.47	-
2437MHz	Pass	PK	2.4218G	97.16	Inf	-Inf	3	Vertical	133	1.47	-
2437MHz	Pass	PK	2.4854G	58.26	74.00	-15.74	3	Vertical	133	1.47	-
2437MHz	Pass	AV	2.3898G	53.72	54.00	-0.28	3	Horizontal	142	1.49	-
2437MHz	Pass	AV	2.4226G	94.54	Inf	-Inf	3	Horizontal	142	1.49	-
2437MHz	Pass	AV	2.4835G	50.68	54.00	-3.32	3	Horizontal	142	1.49	-
2437MHz	Pass	PK	2.3898G	66.36	74.00	-7.64	3	Horizontal	142	1.49	-
2437MHz	Pass	PK	2.4254G	103.86	Inf	-Inf	3	Horizontal	142	1.49	-
2437MHz	Pass	PK	2.485G	64.58	74.00	-9.42	3	Horizontal	142	1.49	-
2437MHz	Pass	AV	4.87368G	30.97	54.00	-23.03	3	Vertical	119	1.98	-
2437MHz	Pass	AV	7.30944G	37.37	54.00	-16.63	3	Vertical	240	2.16	-
2437MHz	Pass	PK	4.87347G	43.52	74.00	-30.48	3	Vertical	119	1.98	-
2437MHz	Pass	PK	7.30885G	50.39	74.00	-23.61	3	Vertical	240	2.16	-
2437MHz	Pass	AV	4.87394G	35.46	54.00	-18.54	3	Horizontal	251	1.32	-
2437MHz	Pass	AV	7.30963G	37.25	54.00	-16.75	3	Horizontal	58	1.05	-
2437MHz	Pass	PK	4.87407G	45.19	74.00	-28.81	3	Horizontal	251	1.32	-
2437MHz	Pass	PK	7.31121G	49.72	74.00	-24.28	3	Horizontal	58	1.05	-
2447MHz	Pass	AV	2.3858G	47.06	54.00	-6.94	3	Vertical	158	1.64	-
2447MHz	Pass	AV	2.4322G	87.70	Inf	-Inf	3	Vertical	158	1.64	-
2447MHz	Pass	AV	2.4835G	49.39	54.00	-4.61	3	Vertical	158	1.64	-
2447MHz	Pass	PK	2.3626G	57.88	74.00	-16.12	3	Vertical	158	1.64	-
2447MHz	Pass	PK	2.435G	96.93	Inf	-Inf	3	Vertical	158	1.64	-
2447MHz	Pass	PK	2.4842G	63.11	74.00	-10.89	3	Vertical	158	1.64	-
2447MHz	Pass	AV	2.3898G	49.12	54.00	-4.88	3	Horizontal	144	1.48	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	AV	2.431G	94.70	Inf	-Inf	3	Horizontal	144	1.48	-
2447MHz	Pass	AV	2.4838G	53.68	54.00	-0.32	3	Horizontal	144	1.48	-
2447MHz	Pass	PK	2.389G	62.84	74.00	-11.16	3	Horizontal	144	1.48	-
2447MHz	Pass	PK	2.435G	103.83	Inf	-Inf	3	Horizontal	144	1.48	-
2447MHz	Pass	PK	2.4846G	70.44	74.00	-3.56	3	Horizontal	144	1.48	-
2452MHz	Pass	AV	2.352G	46.74	54.00	-7.26	3	Vertical	156	1.48	-
2452MHz	Pass	AV	2.4376G	86.88	Inf	-Inf	3	Vertical	156	1.48	-
2452MHz	Pass	AV	2.4835G	49.39	54.00	-4.61	3	Vertical	156	1.48	-
2452MHz	Pass	PK	2.3836G	57.68	74.00	-16.32	3	Vertical	156	1.48	-
2452MHz	Pass	PK	2.4364G	96.15	Inf	-Inf	3	Vertical	156	1.48	-
2452MHz	Pass	PK	2.484G	62.64	74.00	-11.36	3	Vertical	156	1.48	-
2452MHz	Pass	AV	2.3896G	47.72	54.00	-6.28	3	Horizontal	145	1.00	-
2452MHz	Pass	AV	2.438G	94.56	Inf	-Inf	3	Horizontal	145	1.00	-
2452MHz	Pass	AV	2.4835G	53.69	54.00	-0.31	3	Horizontal	145	1.00	-
2452MHz	Pass	PK	2.3884G	59.41	74.00	-14.59	3	Horizontal	145	1.00	-
2452MHz	Pass	PK	2.4396G	103.69	Inf	-Inf	3	Horizontal	145	1.00	-
2452MHz	Pass	PK	2.484G	69.15	74.00	-4.85	3	Horizontal	145	1.00	-
2452MHz	Pass	AV	4.90468G	30.83	54.00	-23.17	3	Vertical	28	1.49	-
2452MHz	Pass	AV	7.35466G	37.43	54.00	-16.57	3	Vertical	230	1.57	-
2452MHz	Pass	PK	4.90584G	43.63	74.00	-30.37	3	Vertical	28	1.49	-
2452MHz	Pass	PK	7.35574G	49.97	74.00	-24.03	3	Vertical	230	1.57	-
2452MHz	Pass	AV	4.904G	34.95	54.00	-19.05	3	Horizontal	249	1.48	-
2452MHz	Pass	AV	7.35396G	37.39	54.00	-16.61	3	Horizontal	193	1.89	-
2452MHz	Pass	PK	4.90365G	45.06	74.00	-28.94	3	Horizontal	249	1.48	-
2452MHz	Pass	PK	7.3571G	50.21	74.00	-23.79	3	Horizontal	193	1.89	-

802.11b_Nss1,(1Mbps)_2TX

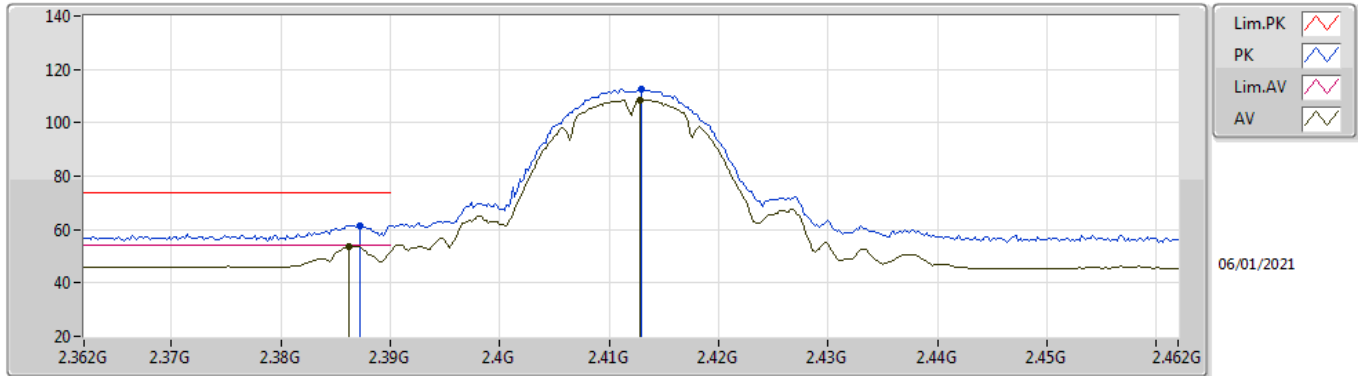
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3866G	46.96	54.00	-7.04	33.58	3	Vertical	124	1.49	-	13.38	27.63	5.95	-
AV	2.4112G	98.40	Inf	-Inf	33.53	3	Vertical	124	1.49	-	64.87	27.56	5.97	-
PK	2.3838G	58.30	74.00	-15.70	33.58	3	Vertical	124	1.49	-	24.72	27.63	5.95	-
PK	2.411G	102.40	Inf	-Inf	33.53	3	Vertical	124	1.49	-	68.87	27.56	5.97	-

802.11b_Nss1,(1Mbps)_2TX

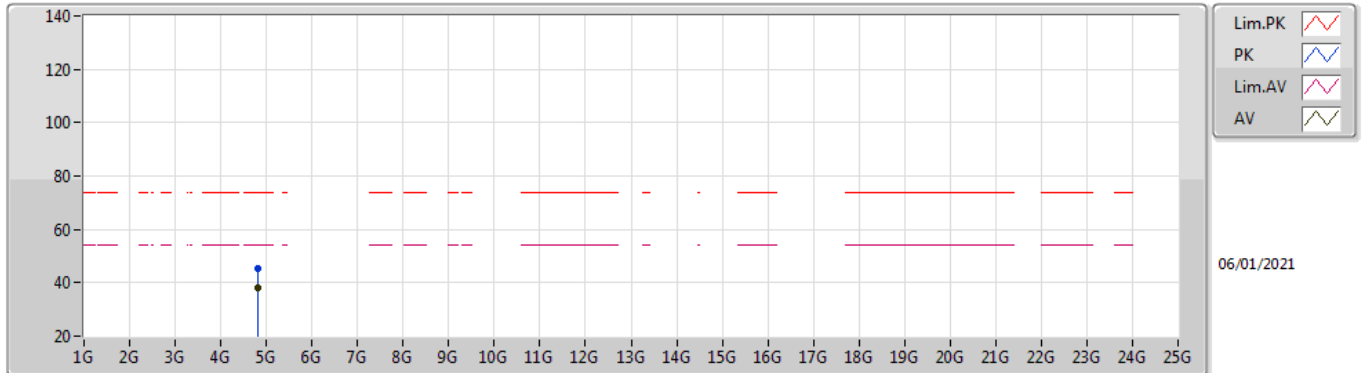
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	53.82	54.00	-0.18	33.58	3	Horizontal	128	1.20	-	20.24	27.63	5.95	-
AV	2.4128G	108.60	Inf	-Inf	33.53	3	Horizontal	128	1.20	-	75.07	27.55	5.98	-
PK	2.3872G	61.53	74.00	-12.47	33.58	3	Horizontal	128	1.20	-	27.95	27.63	5.95	-
PK	2.413G	112.69	Inf	-Inf	33.53	3	Horizontal	128	1.20	-	79.16	27.55	5.98	-

802.11b_Nss1,(1Mbps)_2TX

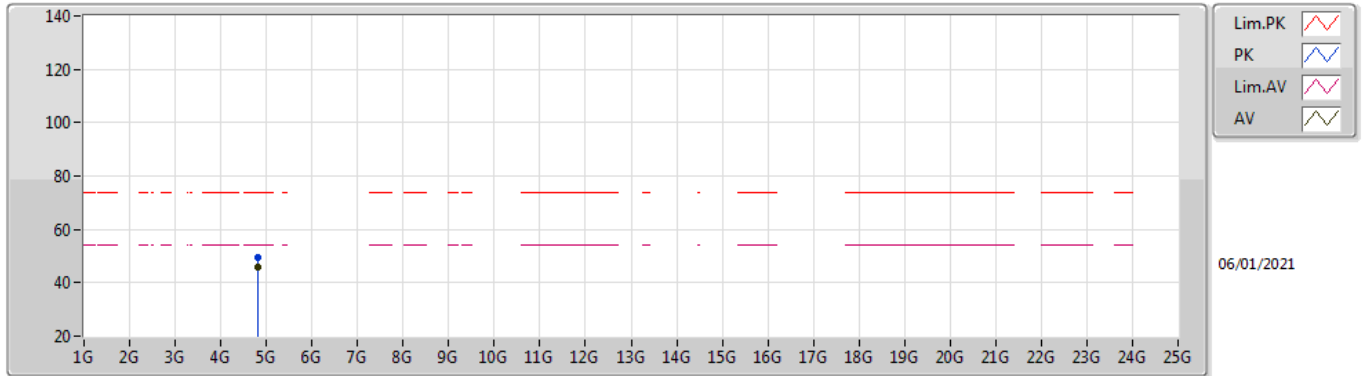
2412MHz_TX



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	4.82399G	38.04	54.00	-15.96	4.99	3	Vertical	78	1.00	-	33.05	31.00	8.27	34.28
PK	4.82386G	45.38	74.00	-28.62	4.99	3	Vertical	78	1.00	-	40.39	31.00	8.27	34.28

802.11b_Nss1,(1Mbps)_2TX

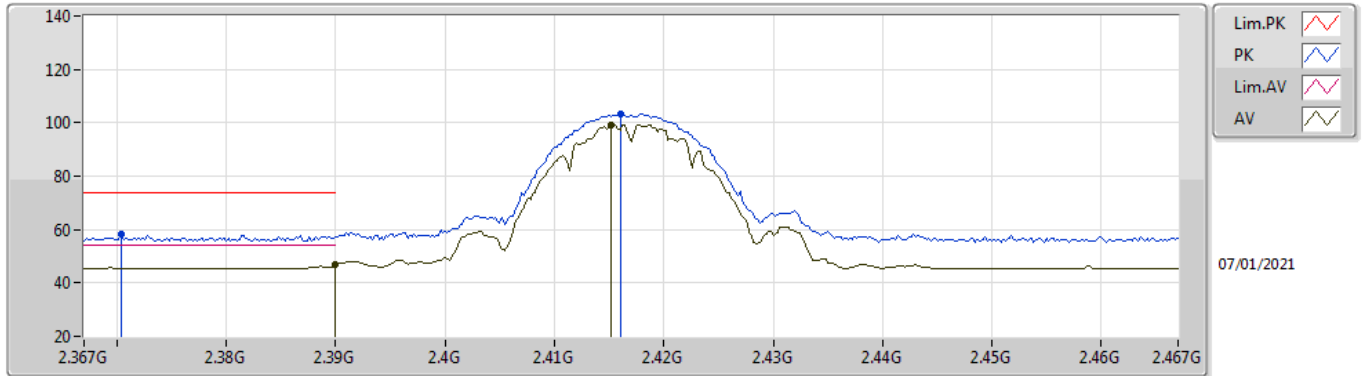
2412MHz_TX



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	4.82399G	45.62	54.00	-8.38	4.99	3	Horizontal	253	1.25	-	40.63	31.00	8.27	34.28
PK	4.82394G	49.62	74.00	-24.38	4.99	3	Horizontal	253	1.25	-	44.63	31.00	8.27	34.28

802.11b_Nss1,(1Mbps)_2TX

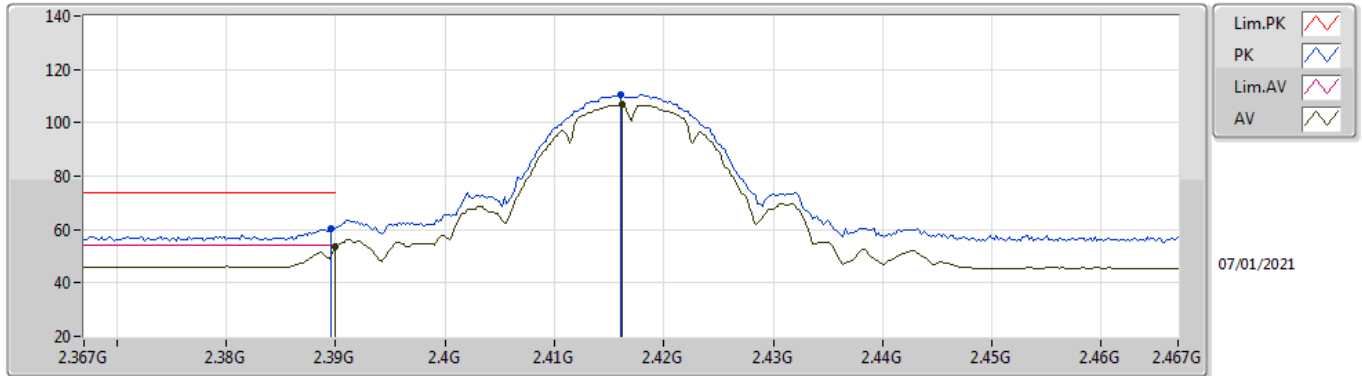
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	46.66	54.00	-7.34	33.57	3	Vertical	158	1.51	-	13.09	27.62	5.95	-
AV	2.4152G	99.24	Inf	-Inf	33.52	3	Vertical	158	1.51	-	65.72	27.54	5.98	-
PK	2.3704G	58.02	74.00	-15.98	33.60	3	Vertical	158	1.51	-	24.42	27.66	5.94	-
PK	2.416G	103.36	Inf	-Inf	33.52	3	Vertical	158	1.51	-	69.84	27.54	5.98	-

802.11b_Nss1,(1Mbps)_2TX

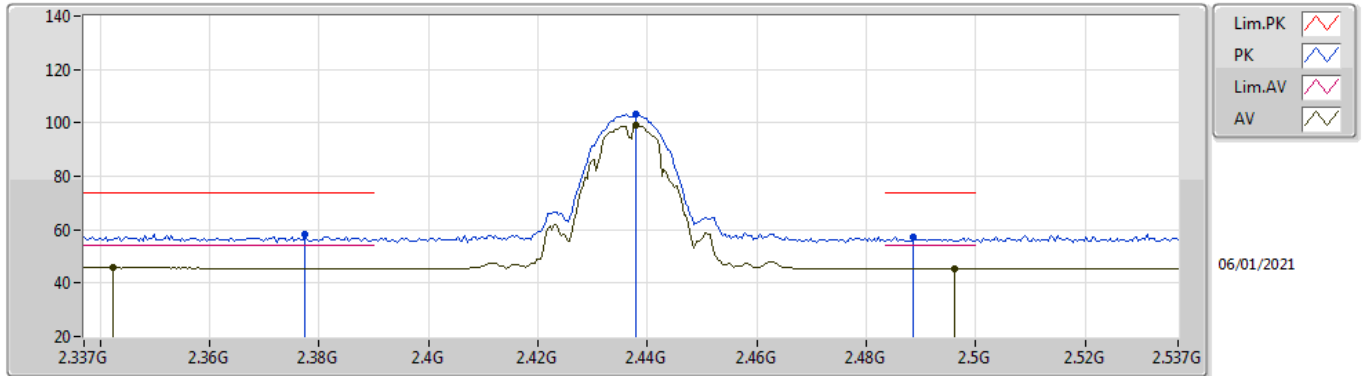
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.62	54.00	-0.38	33.57	3	Horizontal	134	1.07	-	20.05	27.62	5.95	-
AV	2.4162G	106.69	Inf	-Inf	33.52	3	Horizontal	134	1.07	-	73.17	27.54	5.98	-
PK	2.3896G	60.60	74.00	-13.40	33.57	3	Horizontal	134	1.07	-	27.03	27.62	5.95	-
PK	2.416G	110.55	Inf	-Inf	33.52	3	Horizontal	134	1.07	-	77.03	27.54	5.98	-

802.11b_Nss1,(1Mbps)_2TX

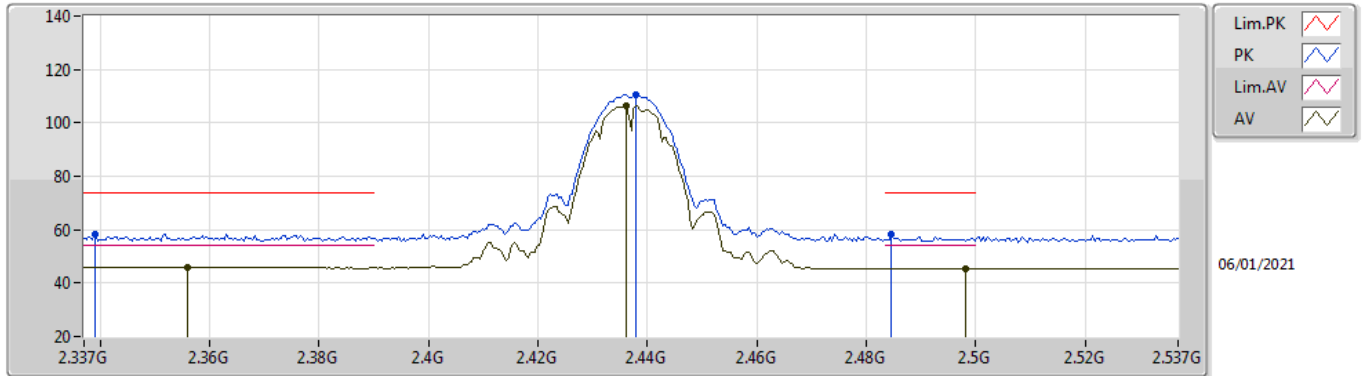
2437MHz_TX



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	2.3422G	45.77	54.00	-8.23	33.65	3	Vertical	101	1.01	-	12.12	27.73	5.92	-
AV	2.4378G	98.99	Inf	-Inf	33.46	3	Vertical	101	1.01	-	65.53	27.45	6.01	-
AV	2.4962G	45.40	54.00	-8.60	33.48	3	Vertical	101	1.01	-	11.92	27.40	6.08	-
PK	2.3774G	58.11	74.00	-15.89	33.59	3	Vertical	101	1.01	-	24.52	27.65	5.94	-
PK	2.4378G	103.18	Inf	-Inf	33.46	3	Vertical	101	1.01	-	69.72	27.45	6.01	-
PK	2.4886G	57.50	74.00	-16.50	33.47	3	Vertical	101	1.01	-	24.03	27.40	6.07	-

802.11b_Nss1,(1Mbps)_2TX

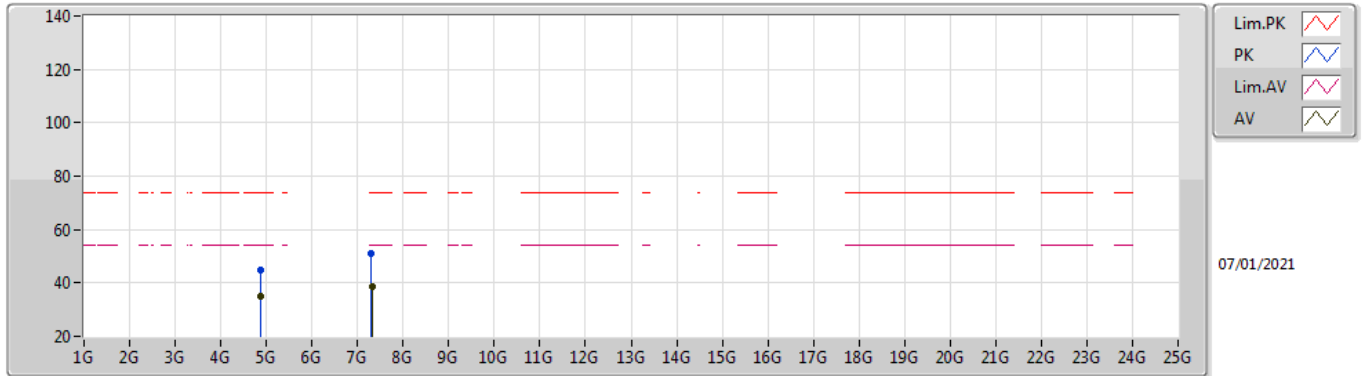
2437MHz_TX



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	2.3558G	45.94	54.00	-8.06	33.62	3	Horizontal	135	1.10	-	12.32	27.69	5.93	-
AV	2.4362G	106.59	Inf	-Inf	33.46	3	Horizontal	135	1.10	-	73.13	27.46	6.00	-
AV	2.4982G	45.49	54.00	-8.51	33.48	3	Horizontal	135	1.10	-	12.01	27.40	6.08	-
PK	2.339G	58.21	74.00	-15.79	33.65	3	Horizontal	135	1.10	-	24.56	27.74	5.91	-
PK	2.4378G	110.61	Inf	-Inf	33.46	3	Horizontal	135	1.10	-	77.15	27.45	6.01	-
PK	2.4846G	58.30	74.00	-15.70	33.46	3	Horizontal	135	1.10	-	24.84	27.40	6.06	-

802.11b_Nss1,(1Mbps)_2TX

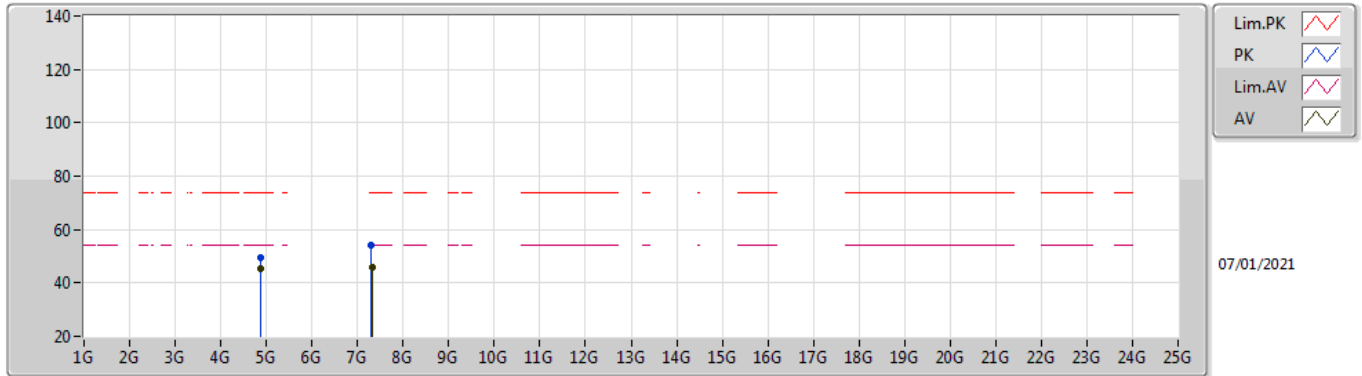
2437MHz_TX



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	4.87404G	34.75	54.00	-19.25	5.09	3	Vertical	89	1.49	-	29.66	31.05	8.30	34.26
AV	7.31026G	38.65	54.00	-15.35	11.82	3	Vertical	230	1.48	-	26.83	36.36	10.03	34.57
PK	4.87407G	44.85	74.00	-29.15	5.09	3	Vertical	89	1.49	-	39.76	31.05	8.30	34.26
PK	7.31008G	51.09	74.00	-22.91	11.82	3	Vertical	230	1.48	-	39.27	36.36	10.03	34.57

802.11b_Nss1,(1Mbps)_2TX

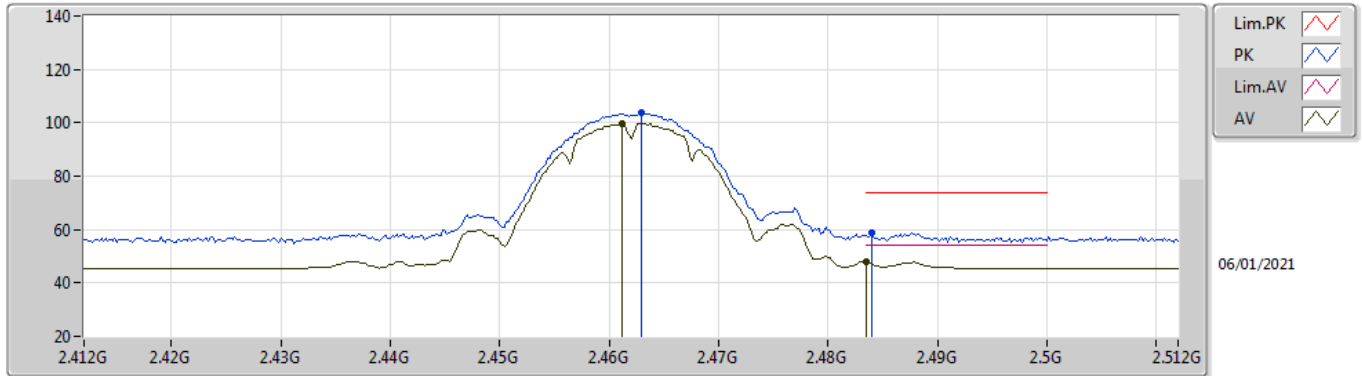
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	45.60	54.00	-8.40	5.09	3	Horizontal	117	1.49	-	40.51	31.05	8.30	34.26
AV	7.31027G	45.71	54.00	-8.29	11.82	3	Horizontal	263	1.49	-	33.89	36.36	10.03	34.57
PK	4.87402G	49.66	74.00	-24.34	5.09	3	Horizontal	117	1.49	-	44.57	31.05	8.30	34.26
PK	7.31011G	53.94	74.00	-20.06	11.82	3	Horizontal	263	1.49	-	42.12	36.36	10.03	34.57

802.11b_Nss1,(1Mbps)_2TX

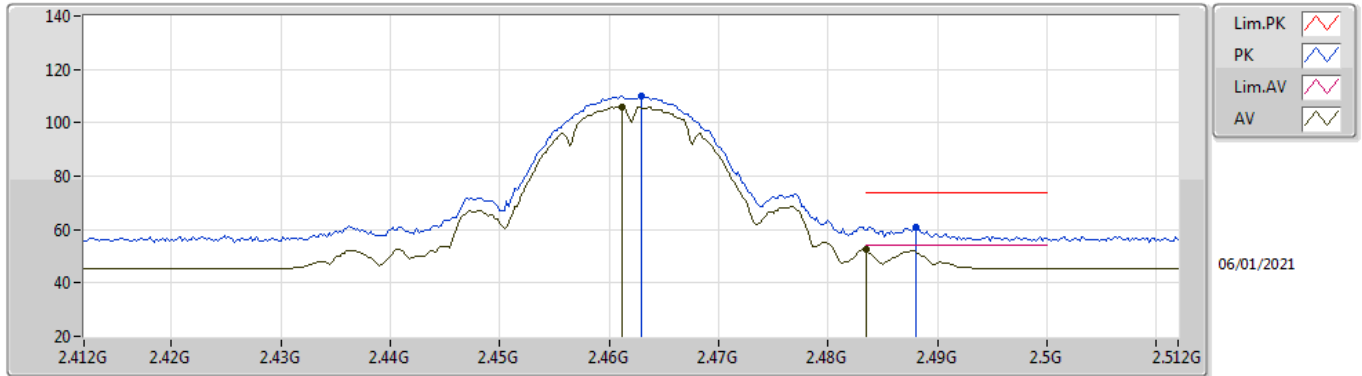
2462MHz_TX



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	99.55	Inf	-Inf	33.43	3	Vertical	104	1.00	-	66.12	27.40	6.03	-
AV	2.4835G	48.05	54.00	-5.95	33.46	3	Vertical	104	1.00	-	14.59	27.40	6.06	-
PK	2.463G	103.75	Inf	-Inf	33.44	3	Vertical	104	1.00	-	70.31	27.40	6.04	-
PK	2.484G	59.00	74.00	-15.00	33.46	3	Vertical	104	1.00	-	25.54	27.40	6.06	-

802.11b_Nss1,(1Mbps)_2TX

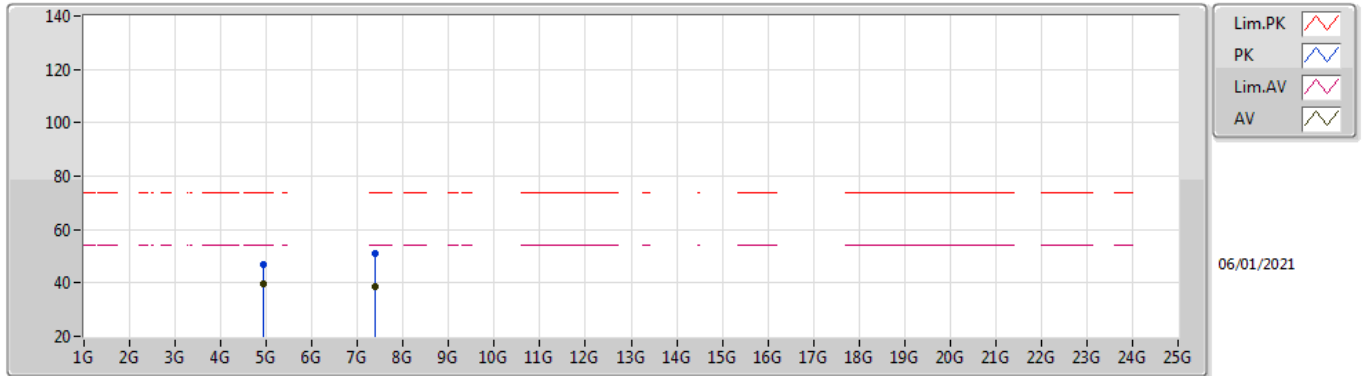
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	105.97	Inf	-Inf	33.43	3	Horizontal	109	1.35	-	72.54	27.40	6.03	-
AV	2.4835G	52.36	54.00	-1.64	33.46	3	Horizontal	109	1.35	-	18.90	27.40	6.06	-
PK	2.463G	109.92	Inf	-Inf	33.44	3	Horizontal	109	1.35	-	76.48	27.40	6.04	-
PK	2.488G	60.89	74.00	-13.11	33.47	3	Horizontal	109	1.35	-	27.42	27.40	6.07	-

802.11b_Nss1,(1Mbps)_2TX

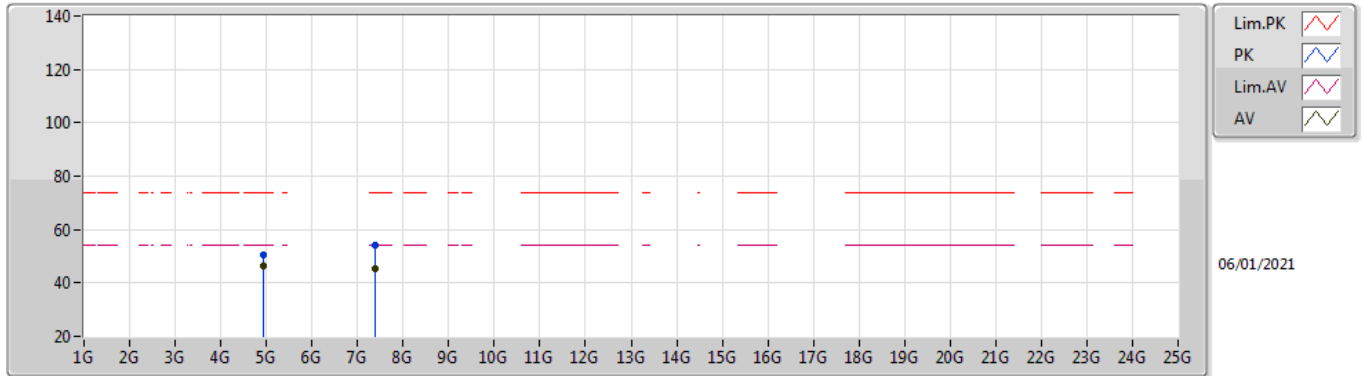
2462MHz_TX



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	4.92399G	39.52	54.00	-14.48	5.18	3	Vertical	284	1.14	-	34.34	31.10	8.33	34.25
AV	7.38526G	38.41	54.00	-15.59	11.60	3	Vertical	217	1.49	-	26.81	36.13	10.05	34.58
PK	4.92399G	46.68	74.00	-27.32	5.18	3	Vertical	284	1.14	-	41.50	31.10	8.33	34.25
PK	7.38728G	50.96	74.00	-23.04	11.60	3	Vertical	217	1.49	-	39.36	36.13	10.05	34.58

802.11b_Nss1,(1Mbps)_2TX

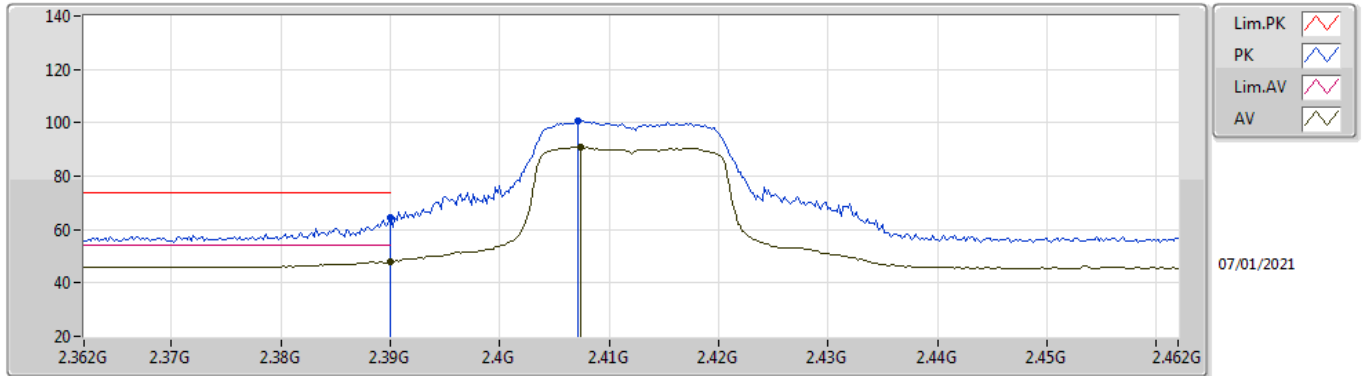
2462MHz_TX



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	4.92401G	46.46	54.00	-7.54	5.18	3	Horizontal	118	1.49	-	41.28	31.10	8.33	34.25
AV	7.38523G	45.15	54.00	-8.85	11.60	3	Horizontal	262	1.48	-	33.55	36.13	10.05	34.58
PK	4.92393G	50.34	74.00	-23.66	5.18	3	Horizontal	118	1.49	-	45.16	31.10	8.33	34.25
PK	7.38616G	54.13	74.00	-19.87	11.60	3	Horizontal	262	1.48	-	42.53	36.13	10.05	34.58

802.11g_Nss1,(6Mbps)_2TX

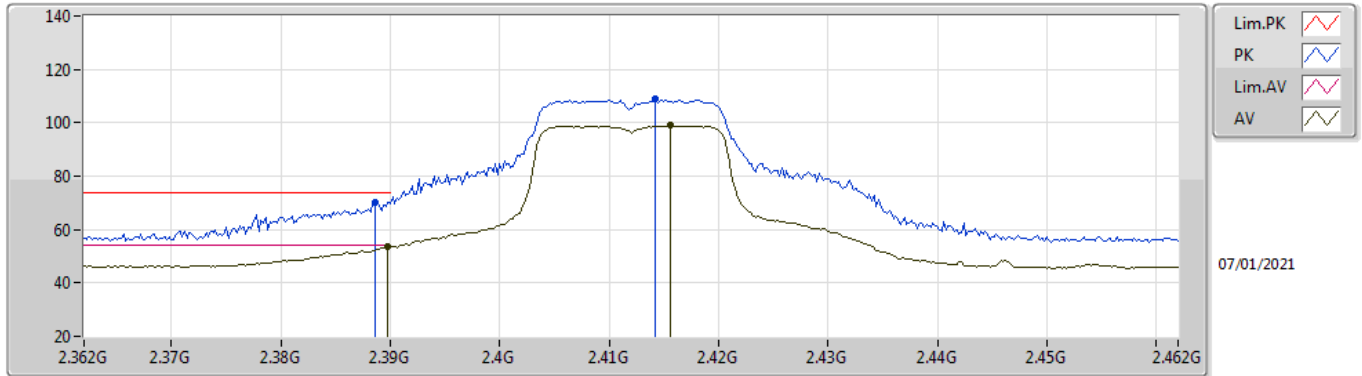
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.94	54.00	-6.06	33.57	3	Vertical	160	1.48	-	14.37	27.62	5.95	-
AV	2.4074G	90.86	Inf	-Inf	33.54	3	Vertical	160	1.48	-	57.32	27.57	5.97	-
PK	2.39G	64.34	74.00	-9.66	33.57	3	Vertical	160	1.48	-	30.77	27.62	5.95	-
PK	2.4072G	100.65	Inf	-Inf	33.54	3	Vertical	160	1.48	-	67.11	27.57	5.97	-

802.11g_Nss1,(6Mbps)_2TX

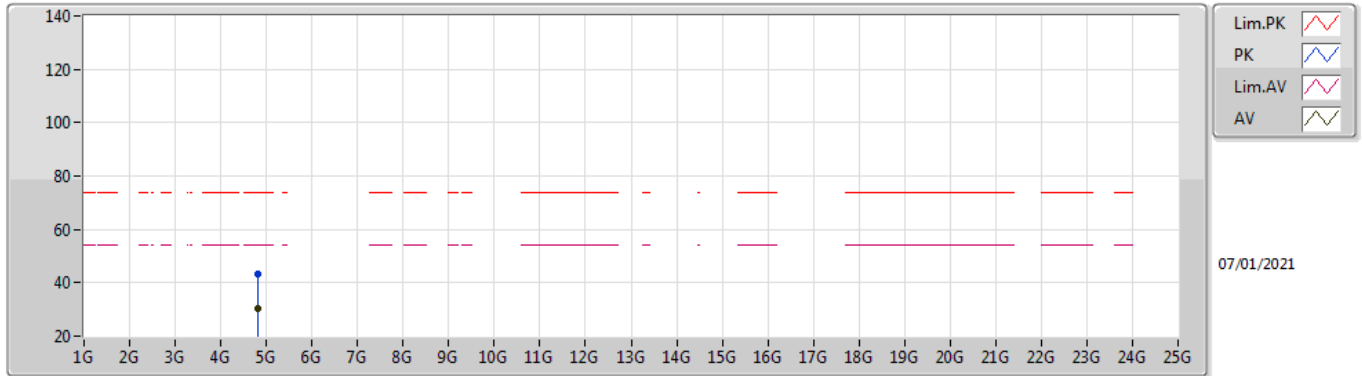
2412MHz_TX



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	2.3898G	53.52	54.00	-0.48	33.57	3	Horizontal	130	1.11	-	19.95	27.62	5.95	-
AV	2.4156G	98.88	Inf	-Inf	33.52	3	Horizontal	130	1.11	-	65.36	27.54	5.98	-
PK	2.3886G	70.24	74.00	-3.76	33.57	3	Horizontal	130	1.11	-	36.67	27.62	5.95	-
PK	2.4142G	108.83	Inf	-Inf	33.52	3	Horizontal	130	1.11	-	75.31	27.54	5.98	-

802.11g_Nss1,(6Mbps)_2TX

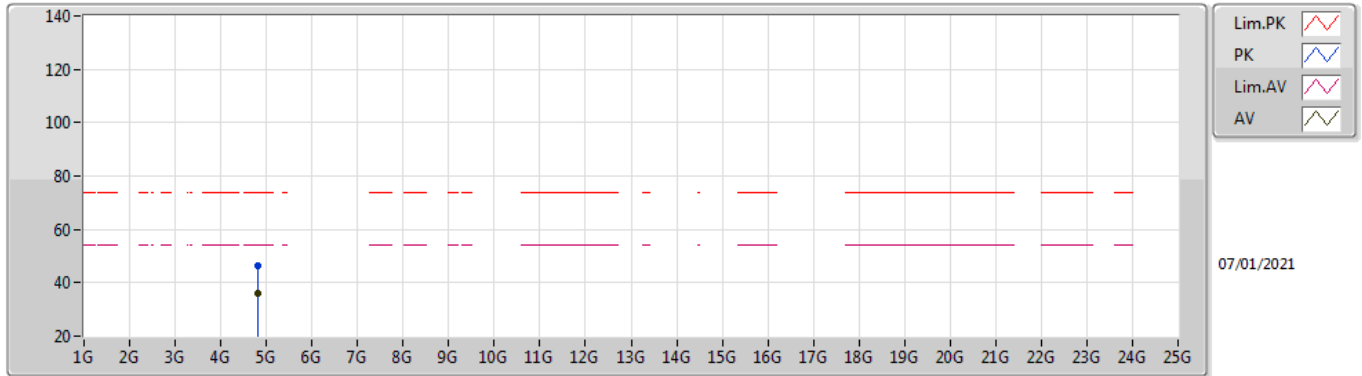
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	30.59	54.00	-23.41	4.99	3	Vertical	79	1.00	-	25.60	31.00	8.27	34.28
PK	4.82521G	43.33	74.00	-30.67	4.99	3	Vertical	79	1.00	-	38.34	31.00	8.27	34.28

802.11g_Nss1,(6Mbps)_2TX

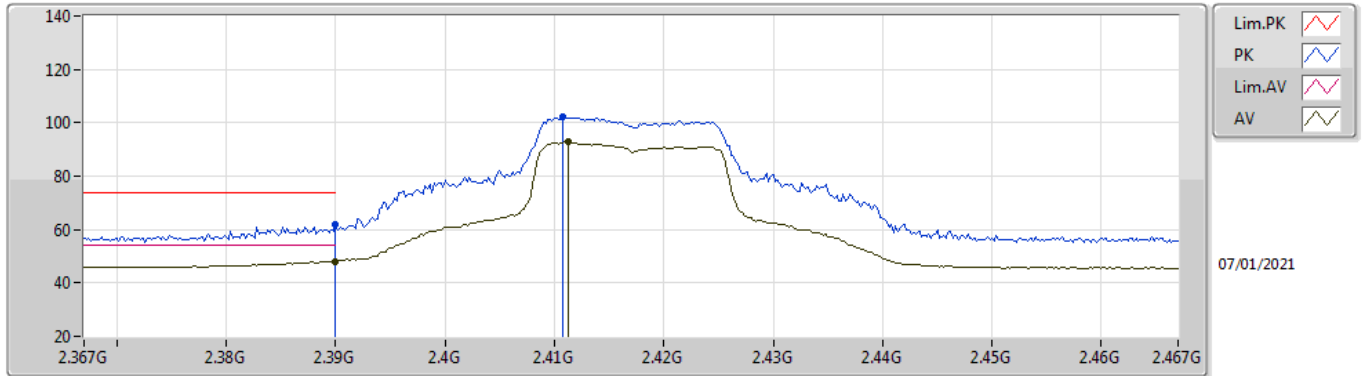
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82402G	36.20	54.00	-17.80	4.99	3	Horizontal	253	1.27	-	31.21	31.00	8.27	34.28
PK	4.82406G	46.61	74.00	-27.39	4.99	3	Horizontal	253	1.27	-	41.62	31.00	8.27	34.28

802.11g_Nss1,(6Mbps)_2TX

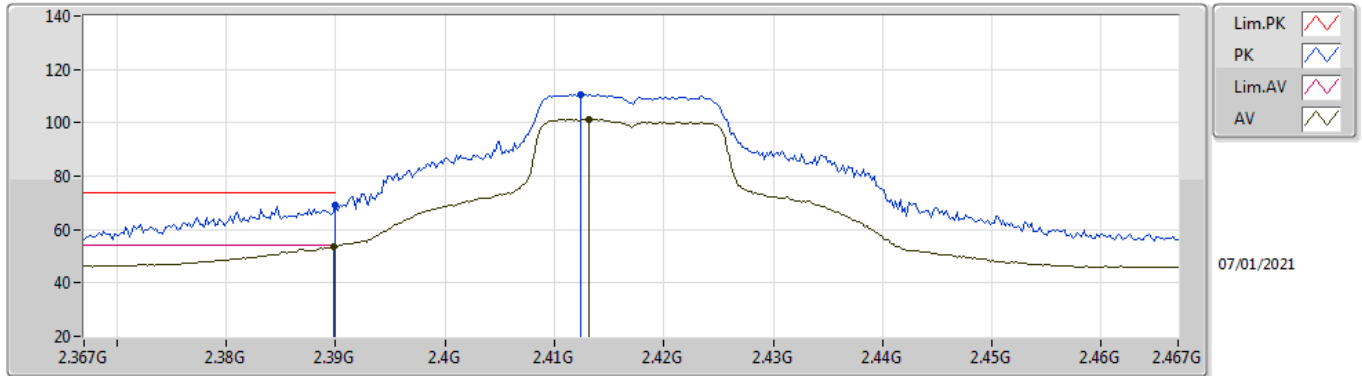
2417MHz_TX



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	48.07	54.00	-5.93	33.57	3	Vertical	160	1.48	-	14.50	27.62	5.95	-
AV	2.4112G	92.90	Inf	-Inf	33.53	3	Vertical	160	1.48	-	59.37	27.56	5.97	-
PK	2.39G	61.84	74.00	-12.16	33.57	3	Vertical	160	1.48	-	28.27	27.62	5.95	-
PK	2.4108G	102.15	Inf	-Inf	33.53	3	Vertical	160	1.48	-	68.62	27.56	5.97	-

802.11g_Nss1,(6Mbps)_2TX

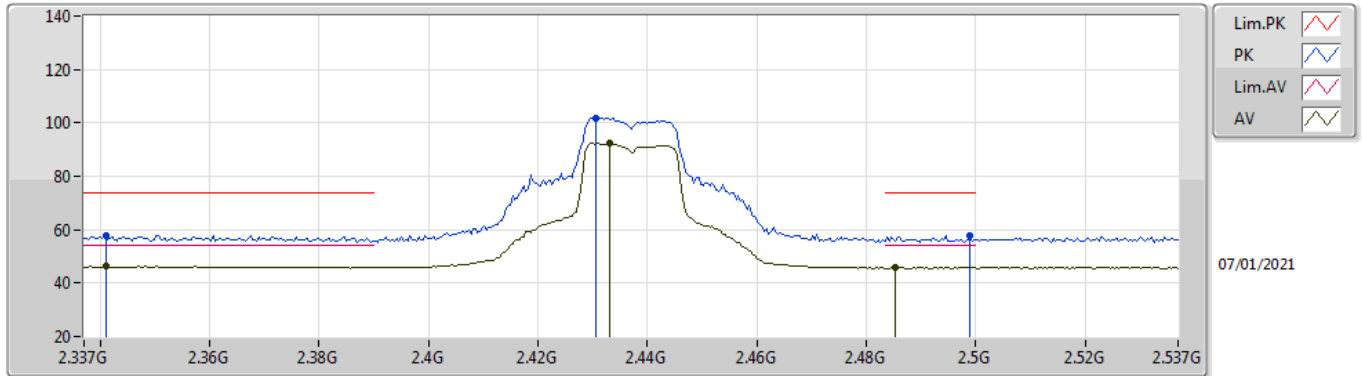
2417MHz_TX



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	2.3898G	53.50	54.00	-0.50	33.57	3	Horizontal	127	1.16	-	19.93	27.62	5.95	-
AV	2.4132G	101.44	Inf	-Inf	33.53	3	Horizontal	127	1.16	-	67.91	27.55	5.98	-
PK	2.39G	69.29	74.00	-4.71	33.57	3	Horizontal	127	1.16	-	35.72	27.62	5.95	-
PK	2.4124G	110.64	Inf	-Inf	33.52	3	Horizontal	127	1.16	-	77.12	27.55	5.97	-

802.11g_Nss1,(6Mbps)_2TX

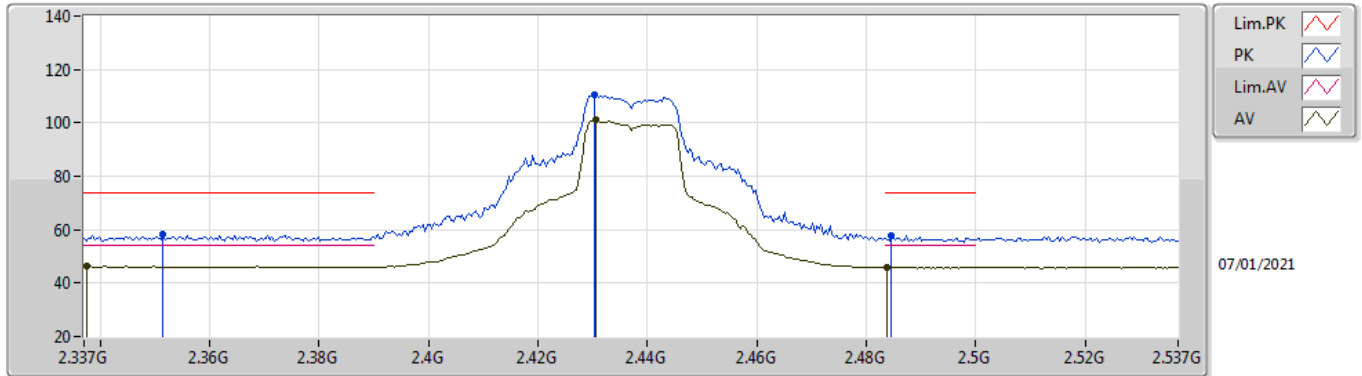
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.341G	46.24	54.00	-7.76	33.66	3	Vertical	158	1.49	-	12.58	27.74	5.92	-
AV	2.433G	92.49	Inf	-Inf	33.47	3	Vertical	158	1.49	-	59.02	27.47	6.00	-
AV	2.4854G	45.86	54.00	-8.14	33.46	3	Vertical	158	1.49	-	12.40	27.40	6.06	-
PK	2.341G	57.82	74.00	-16.18	33.66	3	Vertical	158	1.49	-	24.16	27.74	5.92	-
PK	2.4306G	101.84	Inf	-Inf	33.48	3	Vertical	158	1.49	-	68.36	27.48	6.00	-
PK	2.499G	57.71	74.00	-16.29	33.48	3	Vertical	158	1.49	-	24.23	27.40	6.08	-

802.11g_Nss1,(6Mbps)_2TX

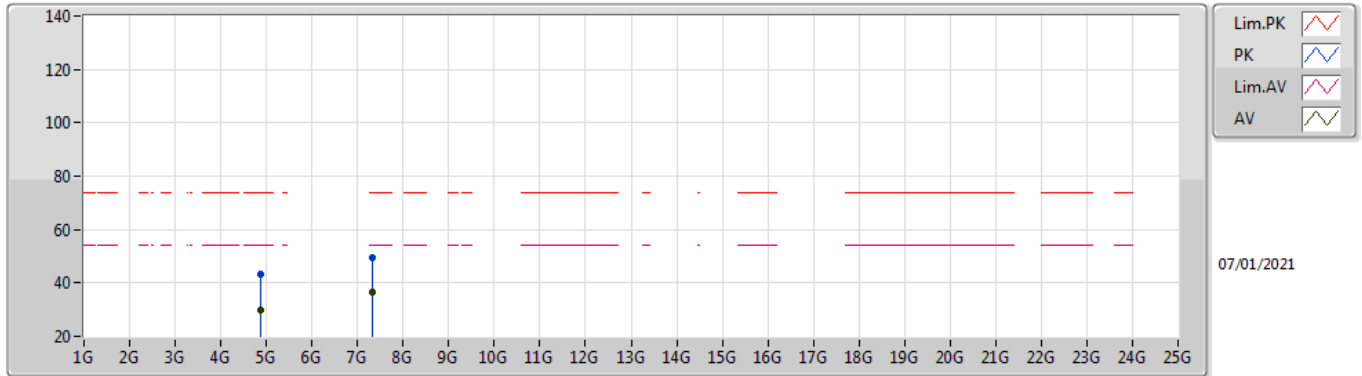
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3374G	46.36	54.00	-7.64	33.66	3	Horizontal	127	1.76	-	12.70	27.75	5.91	-
AV	2.4306G	101.07	Inf	-Inf	33.48	3	Horizontal	127	1.76	-	67.59	27.48	6.00	-
AV	2.4838G	45.88	54.00	-8.12	33.46	3	Horizontal	127	1.76	-	12.42	27.40	6.06	-
PK	2.3514G	58.43	74.00	-15.57	33.62	3	Horizontal	127	1.76	-	24.81	27.70	5.92	-
PK	2.4302G	110.60	Inf	-Inf	33.48	3	Horizontal	127	1.76	-	77.12	27.48	6.00	-
PK	2.4846G	57.58	74.00	-16.42	33.46	3	Horizontal	127	1.76	-	24.12	27.40	6.06	-

802.11g_Nss1,(6Mbps)_2TX

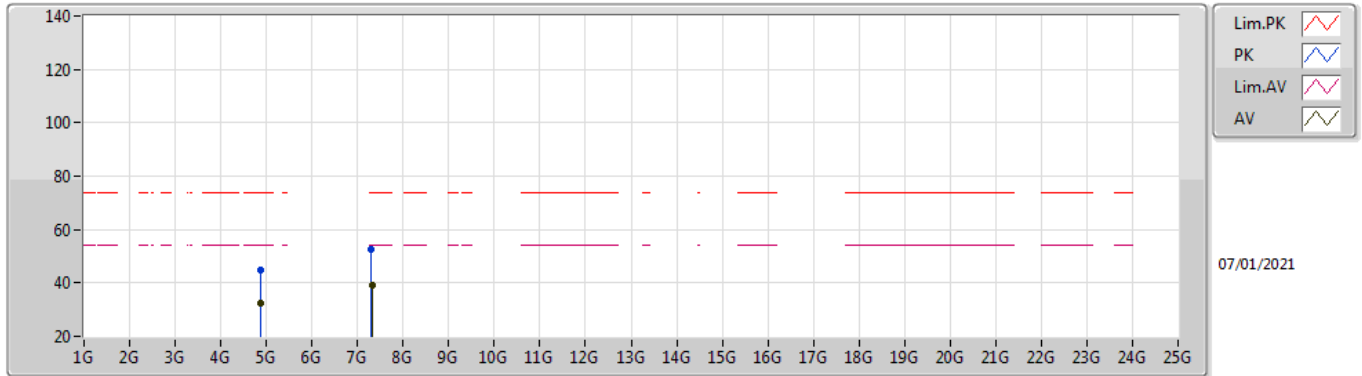
2437MHz_TX



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	4.87343G	29.97	54.00	-24.03	5.09	3	Vertical	87	1.48	-	24.88	31.05	8.30	34.26
AV	7.31296G	36.49	54.00	-17.51	11.81	3	Vertical	219	1.49	-	24.68	36.35	10.03	34.57
PK	4.87597G	43.40	74.00	-30.60	5.09	3	Vertical	87	1.48	-	38.31	31.05	8.30	34.26
PK	7.31333G	49.59	74.00	-24.41	11.81	3	Vertical	219	1.49	-	37.78	36.35	10.03	34.57

802.11g_Nss1,(6Mbps)_2TX

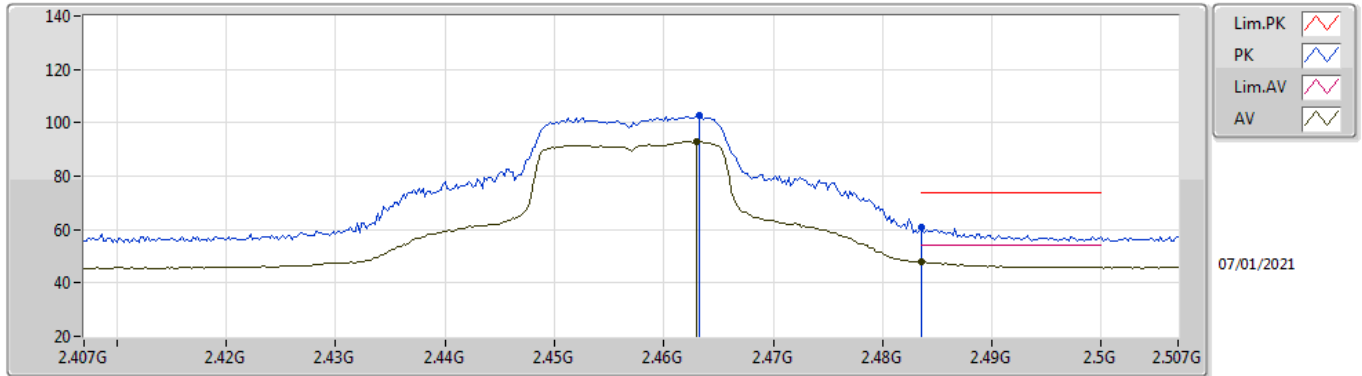
2437MHz_TX



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	4.87392G	32.66	54.00	-21.34	5.09	3	Horizontal	250	1.49	-	27.57	31.05	8.30	34.26
AV	7.31083G	39.13	54.00	-14.87	11.82	3	Horizontal	264	1.48	-	27.31	36.36	10.03	34.57
PK	4.87302G	44.76	74.00	-29.24	5.09	3	Horizontal	250	1.49	-	39.67	31.05	8.30	34.26
PK	7.30956G	52.65	74.00	-21.35	11.82	3	Horizontal	264	1.48	-	40.83	36.36	10.03	34.57

802.11g_Nss1,(6Mbps)_2TX

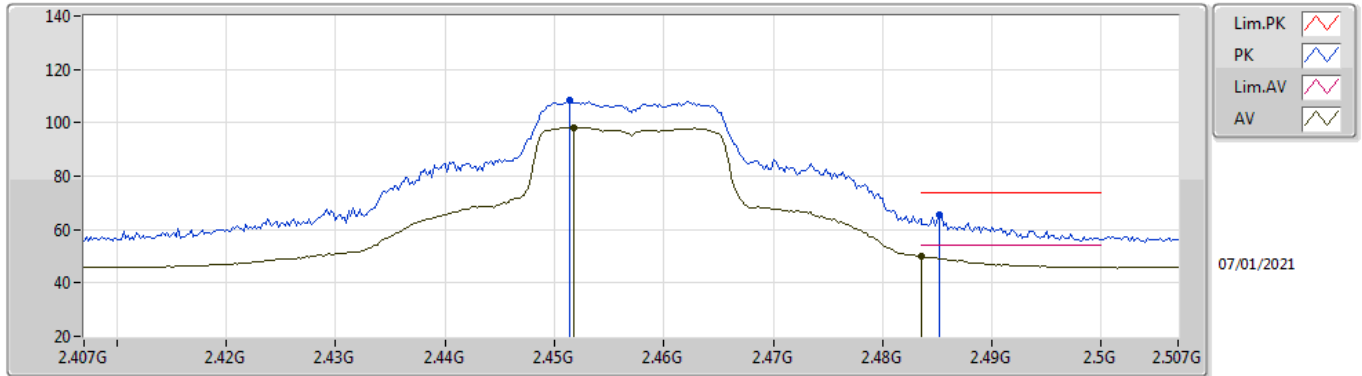
2457MHz_TX



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	2.463G	93.01	Inf	-Inf	33.44	3	Vertical	104	1.00	-	59.57	27.40	6.04	-
AV	2.4835G	47.88	54.00	-6.12	33.46	3	Vertical	104	1.00	-	14.42	27.40	6.06	-
PK	2.4632G	102.80	Inf	-Inf	33.44	3	Vertical	104	1.00	-	69.36	27.40	6.04	-
PK	2.4836G	60.77	74.00	-13.23	33.46	3	Vertical	104	1.00	-	27.31	27.40	6.06	-

802.11g_Nss1,(6Mbps)_2TX

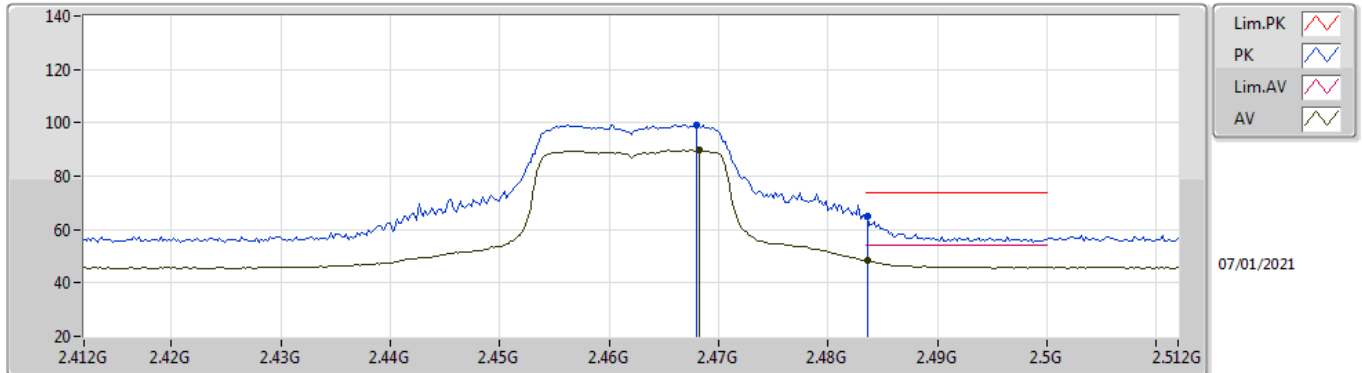
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4518G	98.30	Inf	-Inf	33.42	3	Horizontal	147	1.48	-	64.88	27.40	6.02	-
AV	2.4835G	49.76	54.00	-4.24	33.46	3	Horizontal	147	1.48	-	16.30	27.40	6.06	-
PK	2.4514G	108.47	Inf	-Inf	33.42	3	Horizontal	147	1.48	-	75.05	27.40	6.02	-
PK	2.4852G	65.71	74.00	-8.29	33.46	3	Horizontal	147	1.48	-	32.25	27.40	6.06	-

802.11g_Nss1,(6Mbps)_2TX

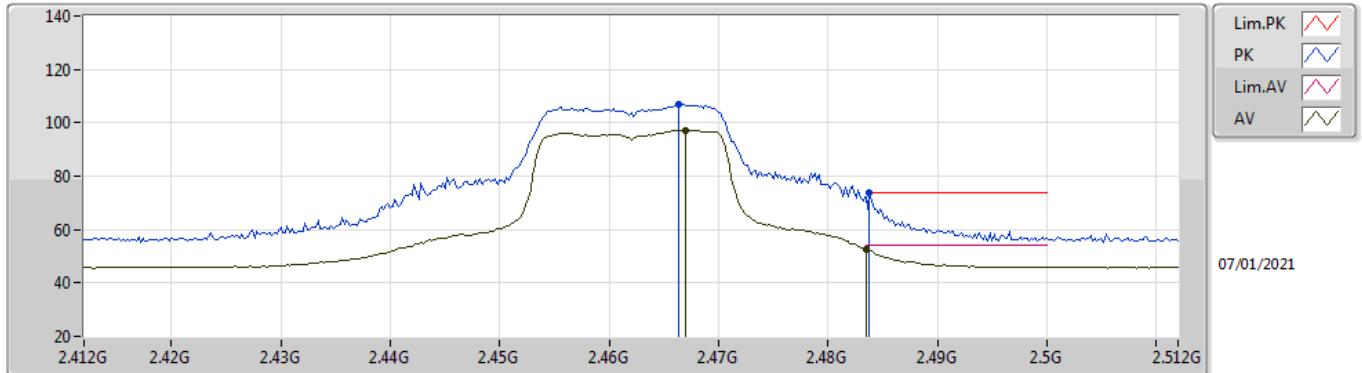
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4682G	89.69	Inf	-Inf	33.44	3	Vertical	104	1.36	-	56.25	27.40	6.04	-
AV	2.4836G	48.21	54.00	-5.79	33.46	3	Vertical	104	1.36	-	14.75	27.40	6.06	-
PK	2.468G	99.20	Inf	-Inf	33.44	3	Vertical	104	1.36	-	65.76	27.40	6.04	-
PK	2.4836G	64.96	74.00	-9.04	33.46	3	Vertical	104	1.36	-	31.50	27.40	6.06	-

802.11g_Nss1,(6Mbps)_2TX

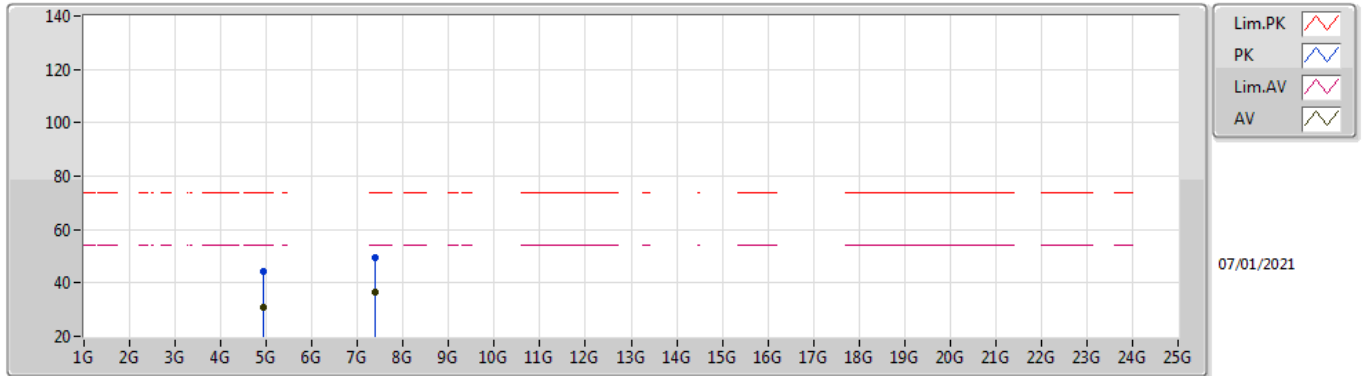
2462MHz_TX



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	2.467G	97.31	Inf	-Inf	33.44	3	Horizontal	141	1.65	-	63.87	27.40	6.04	-
AV	2.4835G	52.78	54.00	-1.22	33.46	3	Horizontal	141	1.65	-	19.32	27.40	6.06	-
PK	2.4664G	106.66	Inf	-Inf	33.44	3	Horizontal	141	1.65	-	73.22	27.40	6.04	-
PK	2.4838G	73.67	74.00	-0.33	33.46	3	Horizontal	141	1.65	-	40.21	27.40	6.06	-

802.11g_Nss1,(6Mbps)_2TX

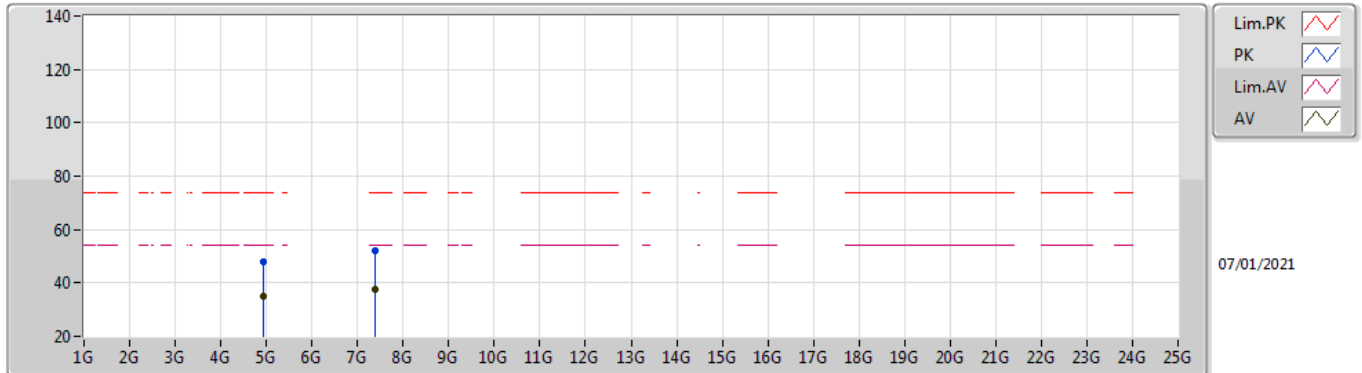
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92397G	30.90	54.00	-23.10	5.18	3	Vertical	87	1.00	-	25.72	31.10	8.33	34.25
AV	7.38798G	36.31	54.00	-17.69	11.59	3	Vertical	233	1.49	-	24.72	36.12	10.05	34.58
PK	4.9238G	44.38	74.00	-29.62	5.18	3	Vertical	87	1.00	-	39.20	31.10	8.33	34.25
PK	7.38435G	49.43	74.00	-24.57	11.60	3	Vertical	233	1.49	-	37.83	36.13	10.05	34.58

802.11g_Nss1,(6Mbps)_2TX

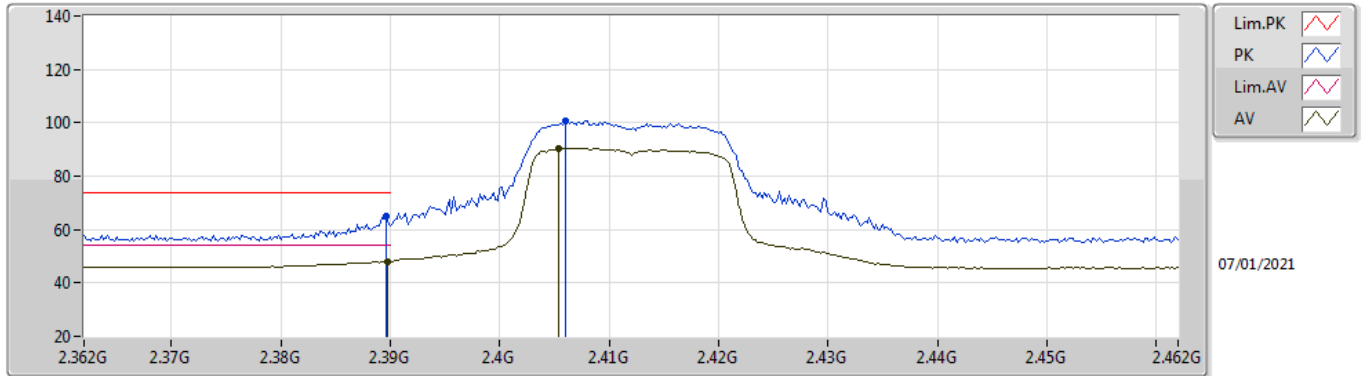
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92402G	35.08	54.00	-18.92	5.18	3	Horizontal	259	1.24	-	29.90	31.10	8.33	34.25
AV	7.38693G	37.66	54.00	-16.34	11.60	3	Horizontal	262	1.47	-	26.06	36.13	10.05	34.58
PK	4.92356G	48.00	74.00	-26.00	5.17	3	Horizontal	259	1.24	-	42.83	31.09	8.33	34.25
PK	7.38748G	51.82	74.00	-22.18	11.60	3	Horizontal	262	1.47	-	40.22	36.13	10.05	34.58

802.11n HT20_Nss1,(MCS0)_2TX

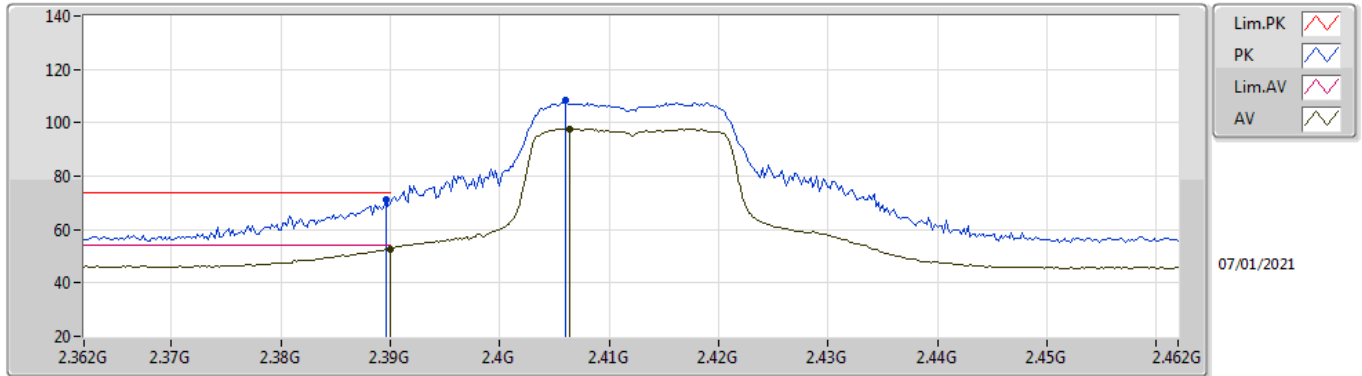
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.04	54.00	-5.96	33.57	3	Vertical	160	1.48	-	14.47	27.62	5.95	-
AV	2.4054G	90.59	Inf	-Inf	33.55	3	Vertical	160	1.48	-	57.04	27.58	5.97	-
PK	2.3896G	65.18	74.00	-8.82	33.57	3	Vertical	160	1.48	-	31.61	27.62	5.95	-
PK	2.406G	100.68	Inf	-Inf	33.55	3	Vertical	160	1.48	-	67.13	27.58	5.97	-

802.11n HT20_Nss1,(MCS0)_2TX

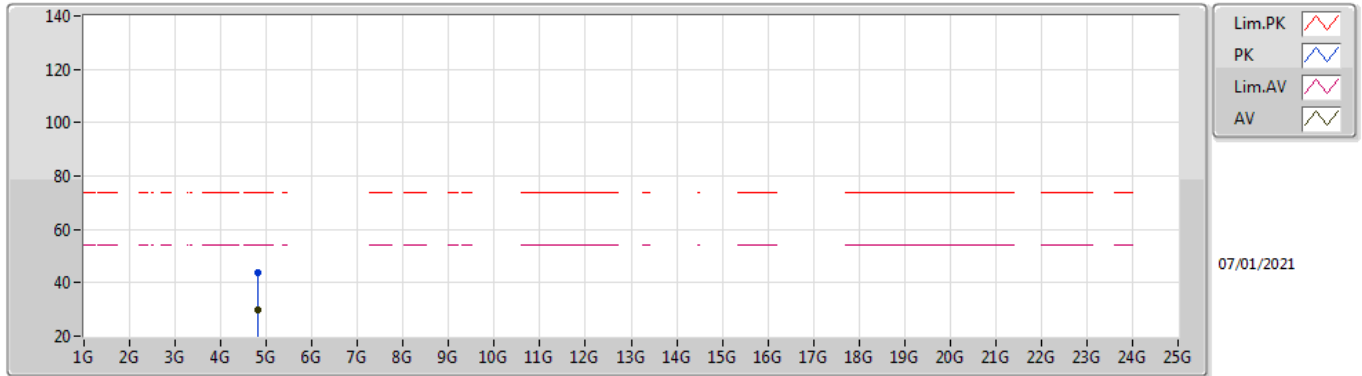
2412MHz_TX



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	52.80	54.00	-1.20	33.57	3	Horizontal	137	1.14	-	19.23	27.62	5.95	-
AV	2.4064G	97.80	Inf	-Inf	33.54	3	Horizontal	137	1.14	-	64.26	27.57	5.97	-
PK	2.3896G	71.01	74.00	-2.99	33.57	3	Horizontal	137	1.14	-	37.44	27.62	5.95	-
PK	2.406G	108.20	Inf	-Inf	33.55	3	Horizontal	137	1.14	-	74.65	27.58	5.97	-

802.11n HT20_Nss1,(MCS0)_2TX

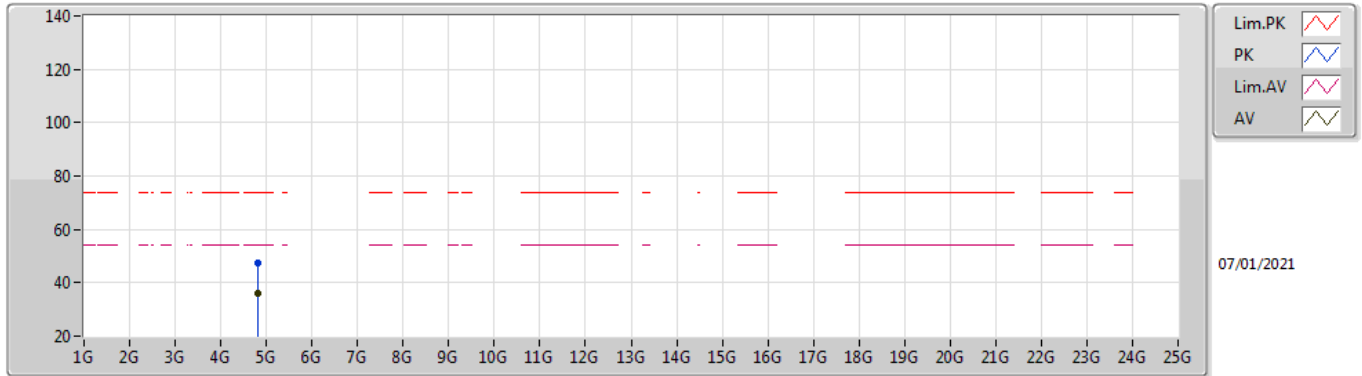
2412MHz_TX



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	4.82407G	29.74	54.00	-24.26	4.99	3	Vertical	65	1.83	-	24.75	31.00	8.27	34.28
PK	4.82288G	43.64	74.00	-30.36	4.97	3	Vertical	65	1.83	-	38.67	30.99	8.26	34.28

802.11n HT20_Nss1,(MCS0)_2TX

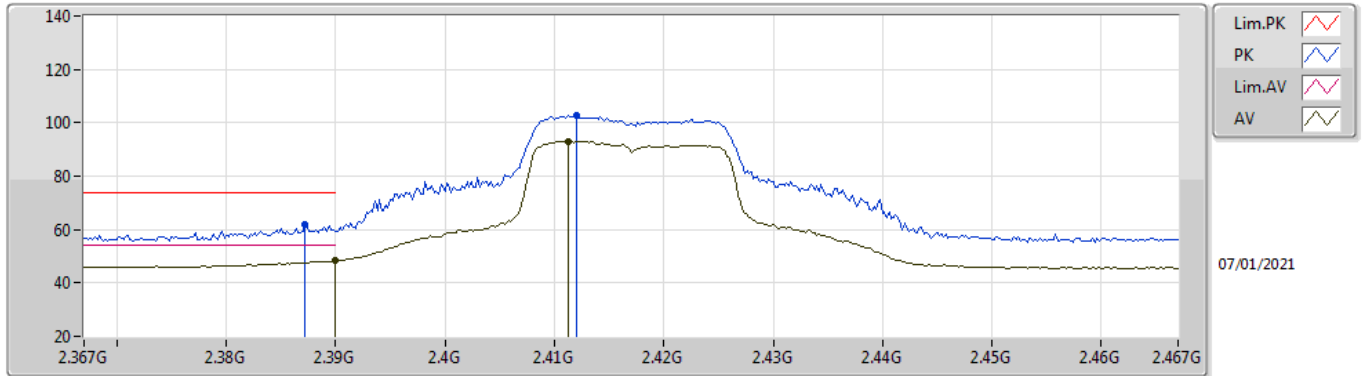
2412MHz_TX



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	4.82399G	36.16	54.00	-17.84	4.99	3	Horizontal	253	1.46	-	31.17	31.00	8.27	34.28
PK	4.82402G	47.53	74.00	-26.47	4.99	3	Horizontal	253	1.46	-	42.54	31.00	8.27	34.28

802.11n HT20_Nss1,(MCS0)_2TX

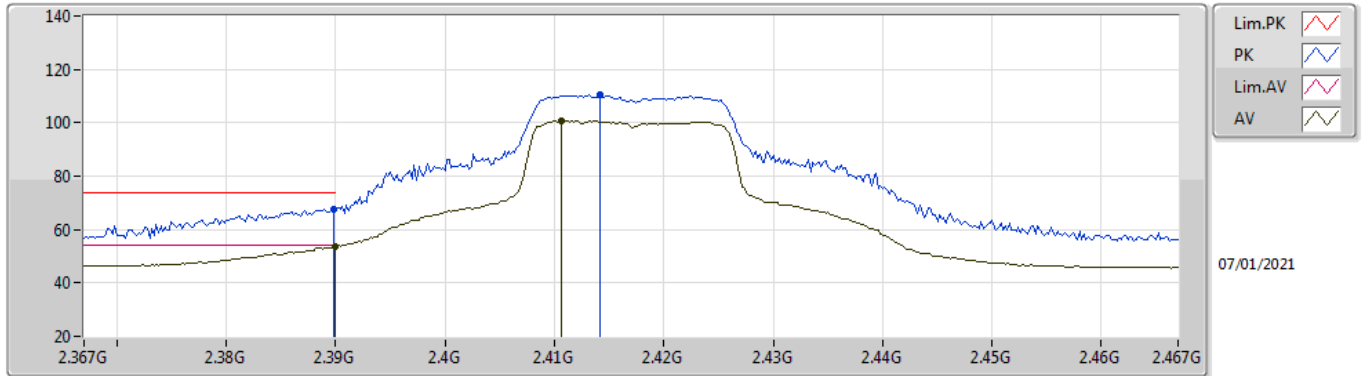
2417MHz_TX



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	48.45	54.00	-5.55	33.57	3	Vertical	159	1.49	-	14.88	27.62	5.95	-
AV	2.4112G	93.02	Inf	-Inf	33.53	3	Vertical	159	1.49	-	59.49	27.56	5.97	-
PK	2.3872G	61.64	74.00	-12.36	33.58	3	Vertical	159	1.49	-	28.06	27.63	5.95	-
PK	2.412G	102.63	Inf	-Inf	33.52	3	Vertical	159	1.49	-	69.11	27.55	5.97	-

802.11n HT20_Nss1,(MCS0)_2TX

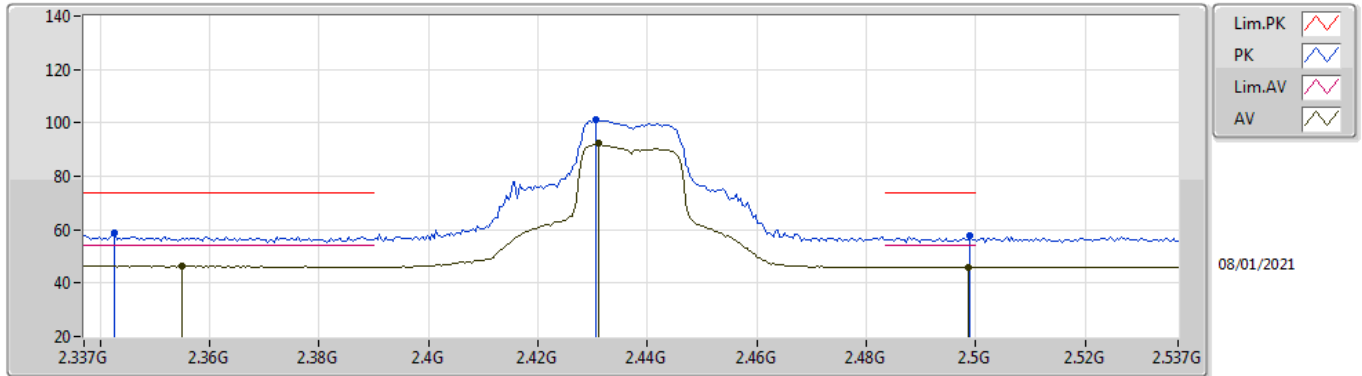
2417MHz_TX



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	53.79	54.00	-0.21	33.57	3	Horizontal	130	1.13	-	20.22	27.62	5.95	-
AV	2.4106G	100.85	Inf	-Inf	33.53	3	Horizontal	130	1.13	-	67.32	27.56	5.97	-
PK	2.3898G	67.58	74.00	-6.42	33.57	3	Horizontal	130	1.13	-	34.01	27.62	5.95	-
PK	2.4142G	110.39	Inf	-Inf	33.52	3	Horizontal	130	1.13	-	76.87	27.54	5.98	-

802.11n HT20_Nss1,(MCS0)_2TX

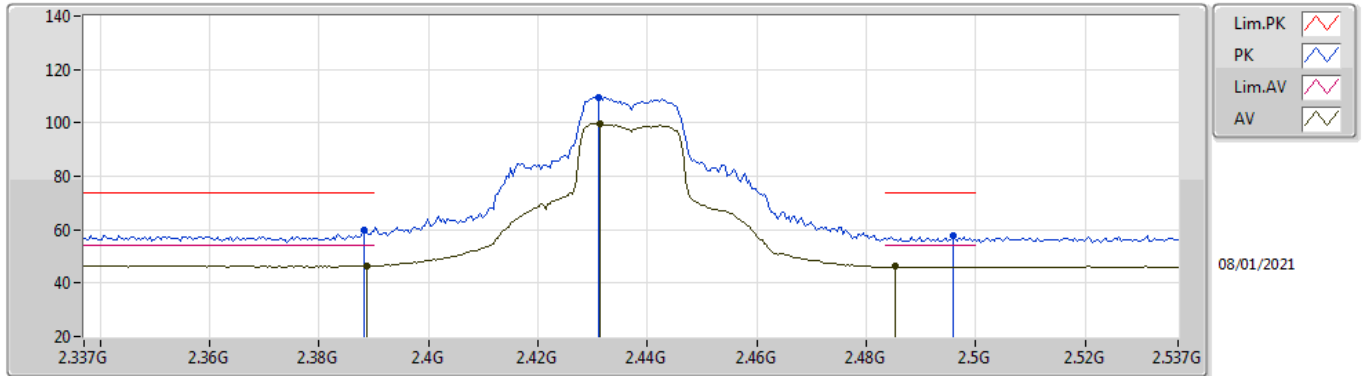
2437MHz_TX



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	2.355G	46.36	54.00	-7.64	33.62	3	Vertical	155	1.47	-	12.74	27.69	5.93	-
AV	2.431G	92.29	Inf	-Inf	33.48	3	Vertical	155	1.47	-	58.81	27.48	6.00	-
AV	2.4986G	46.10	54.00	-7.90	33.48	3	Vertical	155	1.47	-	12.62	27.40	6.08	-
PK	2.3426G	59.01	74.00	-14.99	33.65	3	Vertical	155	1.47	-	25.36	27.73	5.92	-
PK	2.4306G	101.33	Inf	-Inf	33.48	3	Vertical	155	1.47	-	67.85	27.48	6.00	-
PK	2.499G	57.59	74.00	-16.41	33.48	3	Vertical	155	1.47	-	24.11	27.40	6.08	-

802.11n HT20_Nss1,(MCS0)_2TX

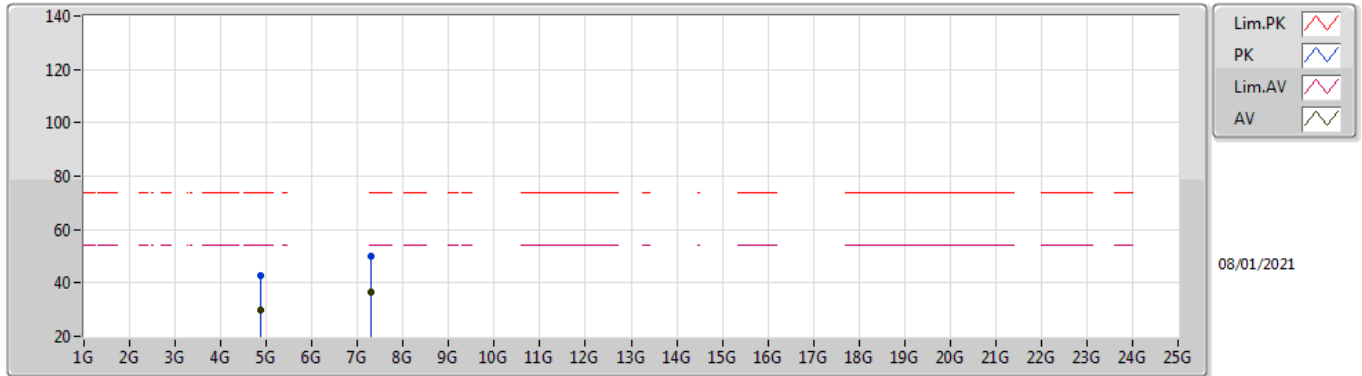
2437MHz_TX



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	2.3886G	46.53	54.00	-7.47	33.57	3	Horizontal	144	1.49	-	12.96	27.62	5.95	-
AV	2.4314G	99.90	Inf	-Inf	33.47	3	Horizontal	144	1.49	-	66.43	27.47	6.00	-
AV	2.4854G	46.25	54.00	-7.75	33.46	3	Horizontal	144	1.49	-	12.79	27.40	6.06	-
PK	2.3882G	59.71	74.00	-14.29	33.57	3	Horizontal	144	1.49	-	26.14	27.62	5.95	-
PK	2.431G	109.31	Inf	-Inf	33.48	3	Horizontal	144	1.49	-	75.83	27.48	6.00	-
PK	2.4958G	57.67	74.00	-16.33	33.47	3	Horizontal	144	1.49	-	24.20	27.40	6.07	-

802.11n HT20_Nss1,(MCS0)_2TX

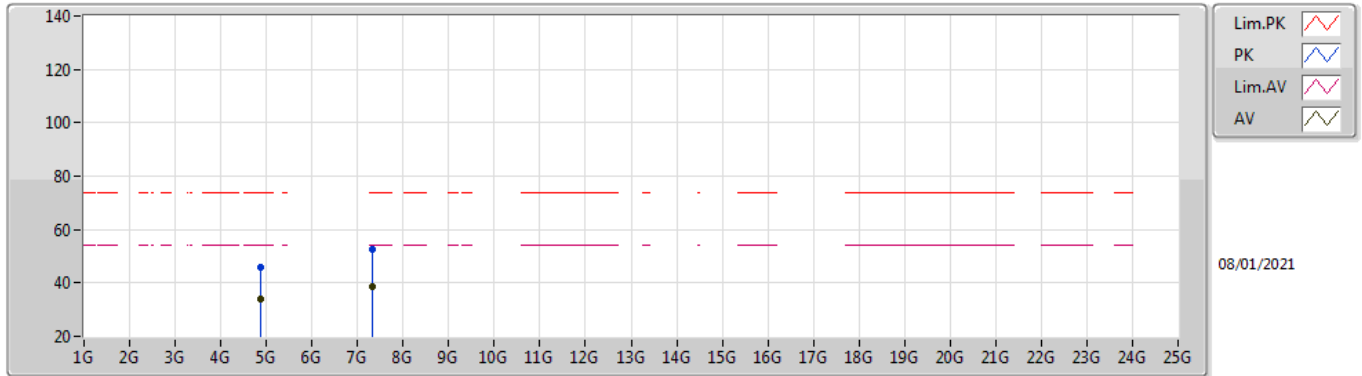
2437MHz_TX



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	4.87266G	29.70	54.00	-24.30	5.09	3	Vertical	97	1.21	-	24.61	31.05	8.30	34.26
AV	7.3092G	36.55	54.00	-17.45	11.82	3	Vertical	210	1.48	-	24.73	36.36	10.03	34.57
PK	4.87264G	42.82	74.00	-31.18	5.09	3	Vertical	97	1.21	-	37.73	31.05	8.30	34.26
PK	7.30921G	49.89	74.00	-24.11	11.82	3	Vertical	210	1.48	-	38.07	36.36	10.03	34.57

802.11n HT20_Nss1,(MCS0)_2TX

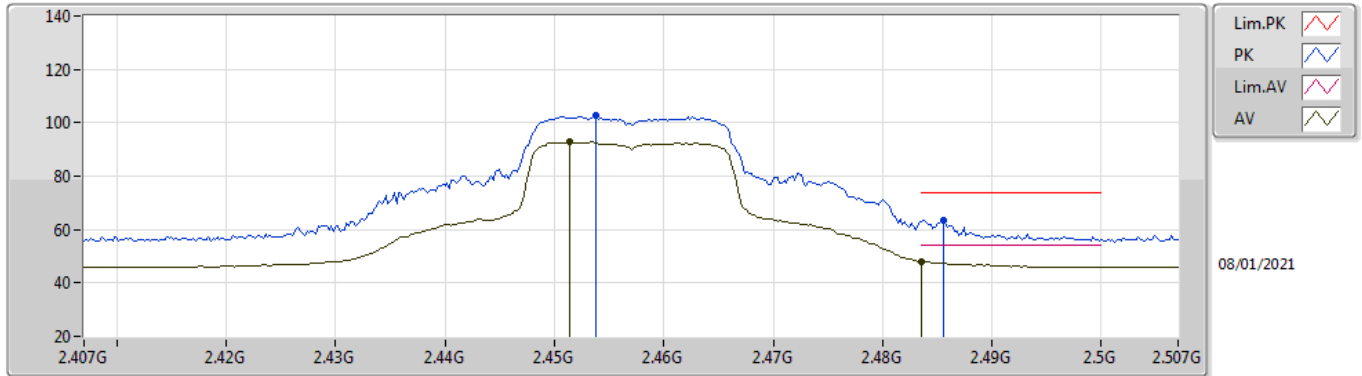
2437MHz_TX



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	4.87393G	33.72	54.00	-20.28	5.09	3	Horizontal	251	1.32	-	28.63	31.05	8.30	34.26
AV	7.31176G	38.71	54.00	-15.29	11.81	3	Horizontal	262	1.49	-	26.90	36.35	10.03	34.57
PK	4.87577G	45.83	74.00	-28.17	5.09	3	Horizontal	251	1.32	-	40.74	31.05	8.30	34.26
PK	7.31084G	52.49	74.00	-21.51	11.82	3	Horizontal	262	1.49	-	40.67	36.36	10.03	34.57

802.11n HT20_Nss1,(MCS0)_2TX

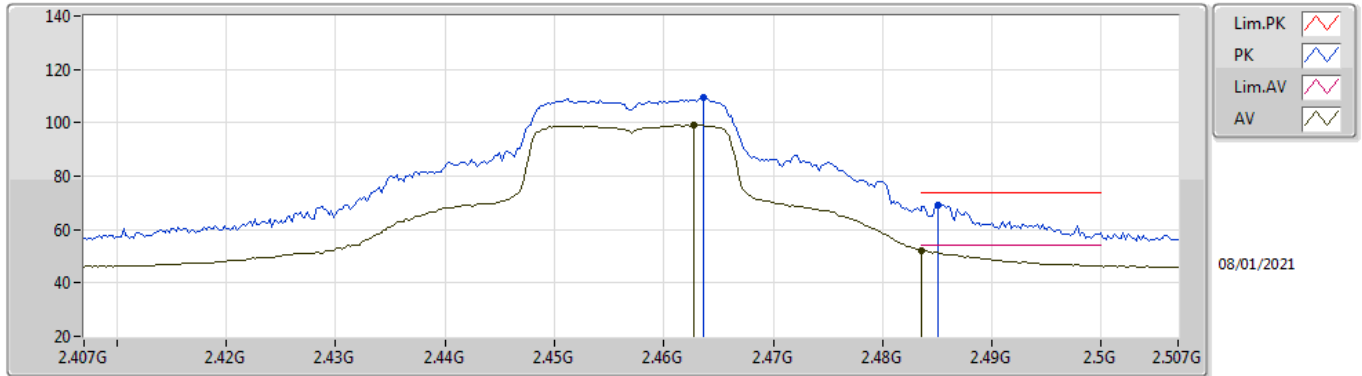
2457MHz_TX



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	2.4514G	92.81	Inf	-Inf	33.42	3	Vertical	98	1.00	-	59.39	27.40	6.02	-
AV	2.4835G	48.09	54.00	-5.91	33.46	3	Vertical	98	1.00	-	14.63	27.40	6.06	-
PK	2.4538G	102.53	Inf	-Inf	33.42	3	Vertical	98	1.00	-	69.11	27.40	6.02	-
PK	2.4856G	63.40	74.00	-10.60	33.46	3	Vertical	98	1.00	-	29.94	27.40	6.06	-

802.11n HT20_Nss1,(MCS0)_2TX

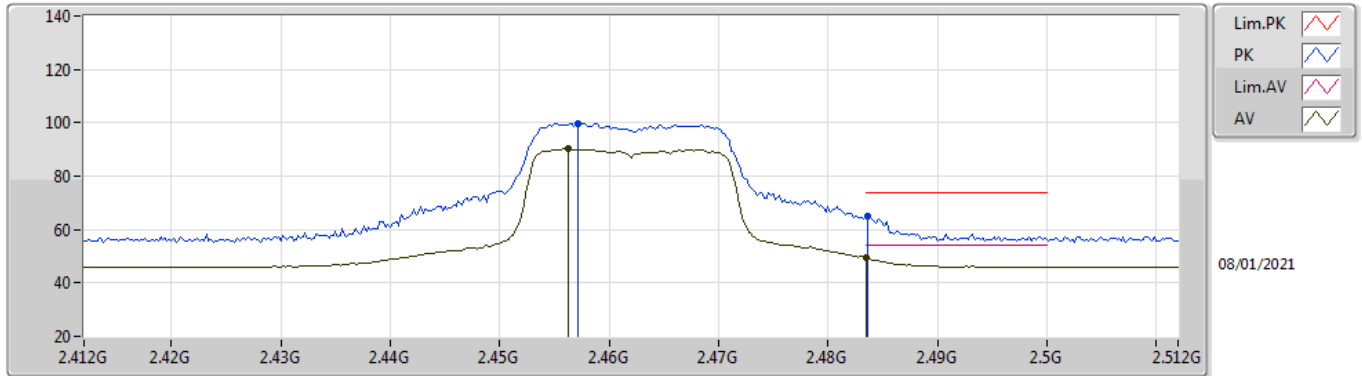
2457MHz_TX



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	2.4628G	99.20	Inf	-Inf	33.44	3	Horizontal	134	1.10	-	65.76	27.40	6.04	-
AV	2.4835G	52.27	54.00	-1.73	33.46	3	Horizontal	134	1.10	-	18.81	27.40	6.06	-
PK	2.4636G	109.65	Inf	-Inf	33.44	3	Horizontal	134	1.10	-	76.21	27.40	6.04	-
PK	2.485G	69.29	74.00	-4.71	33.46	3	Horizontal	134	1.10	-	35.83	27.40	6.06	-

802.11n HT20_Nss1,(MCS0)_2TX

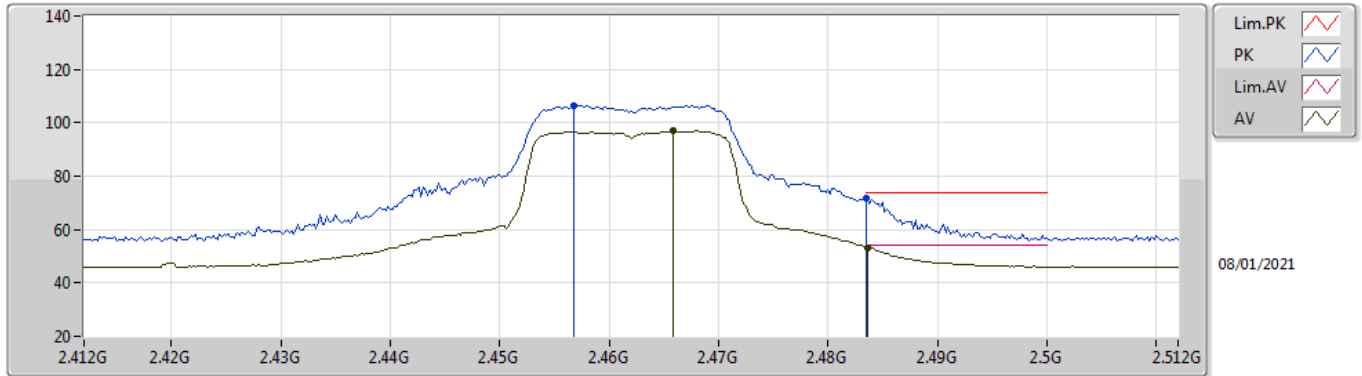
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	90.48	Inf	-Inf	33.43	3	Vertical	98	1.00	-	57.05	27.40	6.03	-
AV	2.4835G	49.32	54.00	-4.68	33.46	3	Vertical	98	1.00	-	15.86	27.40	6.06	-
PK	2.4572G	99.83	Inf	-Inf	33.43	3	Vertical	98	1.00	-	66.40	27.40	6.03	-
PK	2.4836G	64.98	74.00	-9.02	33.46	3	Vertical	98	1.00	-	31.52	27.40	6.06	-

802.11n HT20_Nss1,(MCS0)_2TX

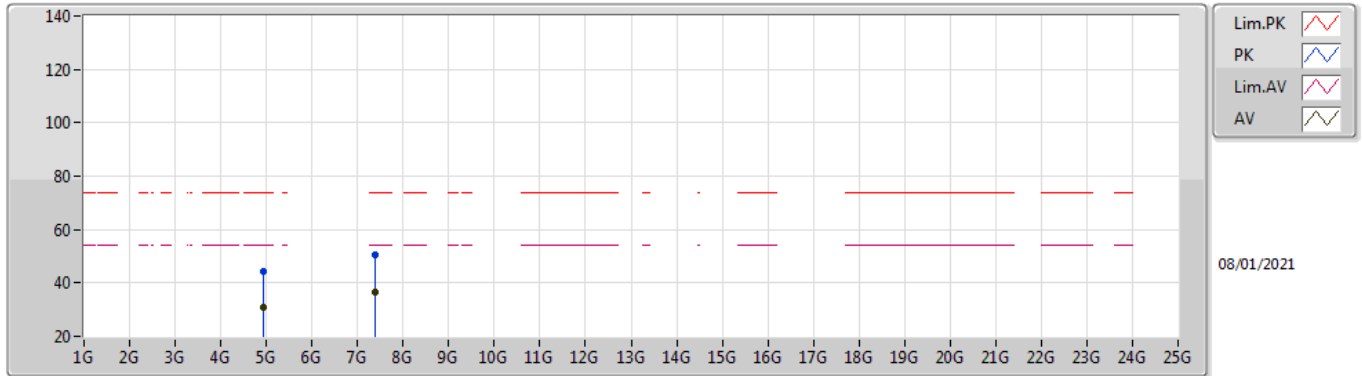
2462MHz_TX



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	2.4658G	96.84	Inf	-Inf	33.44	3	Horizontal	128	1.65	-	63.40	27.40	6.04	-
AV	2.4836G	53.35	54.00	-0.65	33.46	3	Horizontal	128	1.65	-	19.89	27.40	6.06	-
PK	2.4568G	106.55	Inf	-Inf	33.43	3	Horizontal	128	1.65	-	73.12	27.40	6.03	-
PK	2.4835G	71.52	74.00	-2.48	33.46	3	Horizontal	128	1.65	-	38.06	27.40	6.06	-

802.11n HT20_Nss1,(MCS0)_2TX

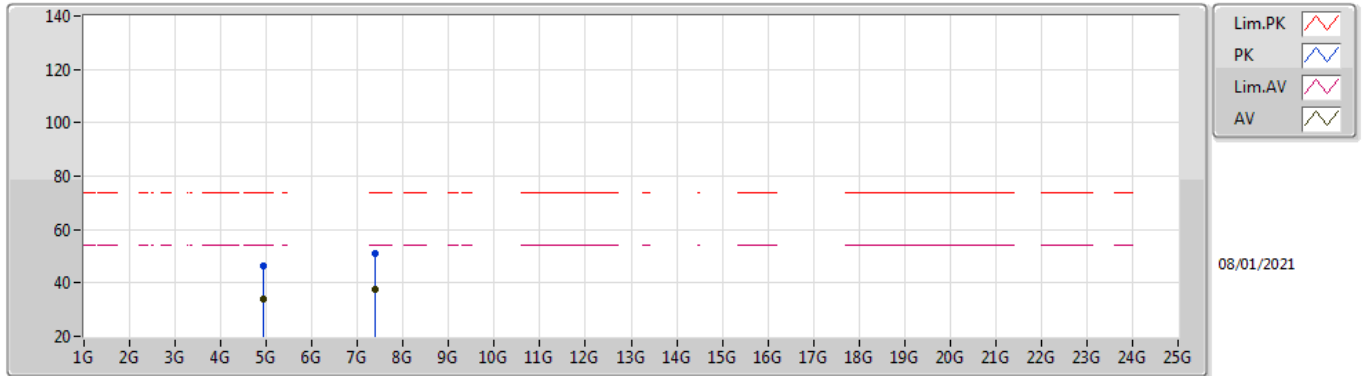
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92409G	30.64	54.00	-23.36	5.18	3	Vertical	79	1.00	-	25.46	31.10	8.33	34.25
AV	7.38492G	36.53	54.00	-17.47	11.60	3	Vertical	250	1.49	-	24.93	36.13	10.05	34.58
PK	4.92243G	44.09	74.00	-29.91	5.17	3	Vertical	79	1.00	-	38.92	31.09	8.33	34.25
PK	7.38477G	50.26	74.00	-23.74	11.60	3	Vertical	250	1.49	-	38.66	36.13	10.05	34.58

802.11n HT20_Nss1,(MCS0)_2TX

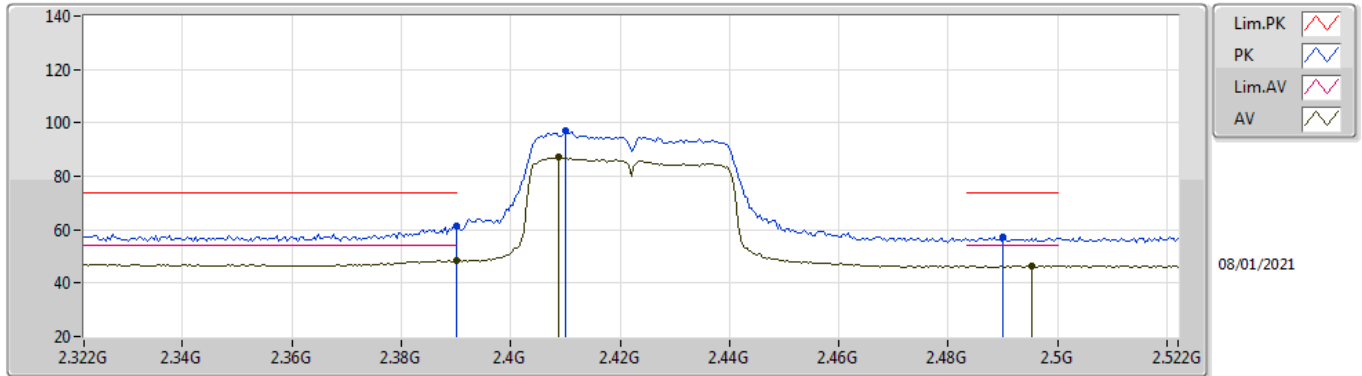
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92399G	33.93	54.00	-20.07	5.18	3	Horizontal	257	1.49	-	28.75	31.10	8.33	34.25
AV	7.38543G	37.52	54.00	-16.48	11.60	3	Horizontal	259	1.48	-	25.92	36.13	10.05	34.58
PK	4.92386G	46.54	74.00	-27.46	5.18	3	Horizontal	257	1.49	-	41.36	31.10	8.33	34.25
PK	7.38547G	51.21	74.00	-22.79	11.60	3	Horizontal	259	1.48	-	39.61	36.13	10.05	34.58

802.11n HT40_Nss1,(MCS0)_2TX

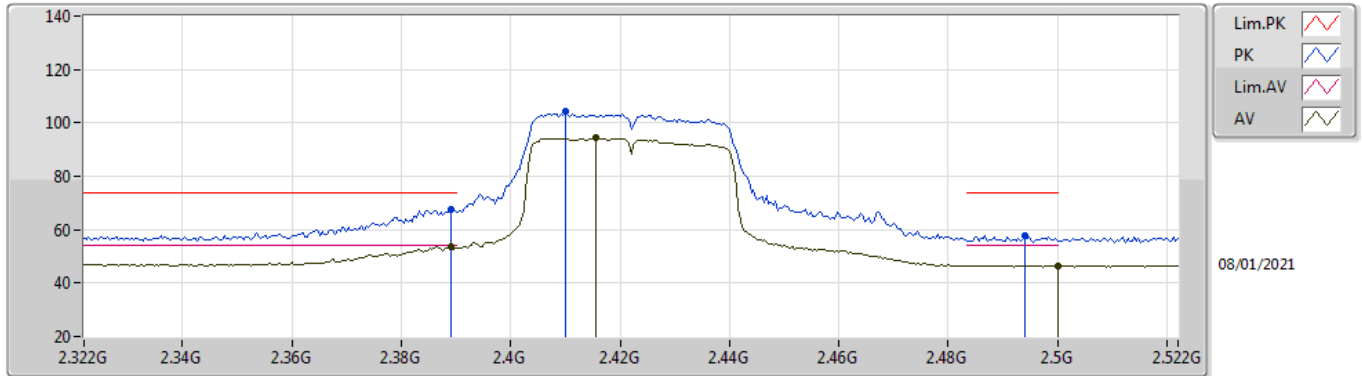
2422MHz_TX



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	48.34	54.00	-5.66	33.57	3	Vertical	156	1.67	-	14.77	27.62	5.95	-
AV	2.4088G	87.14	Inf	-Inf	33.53	3	Vertical	156	1.67	-	53.61	27.56	5.97	-
AV	2.4952G	46.41	54.00	-7.59	33.47	3	Vertical	156	1.67	-	12.94	27.40	6.07	-
PK	2.39G	61.35	74.00	-12.65	33.57	3	Vertical	156	1.67	-	27.78	27.62	5.95	-
PK	2.41G	96.87	Inf	-Inf	33.53	3	Vertical	156	1.67	-	63.34	27.56	5.97	-
PK	2.49G	57.30	74.00	-16.70	33.47	3	Vertical	156	1.67	-	23.83	27.40	6.07	-

802.11n HT40_Nss1,(MCS0)_2TX

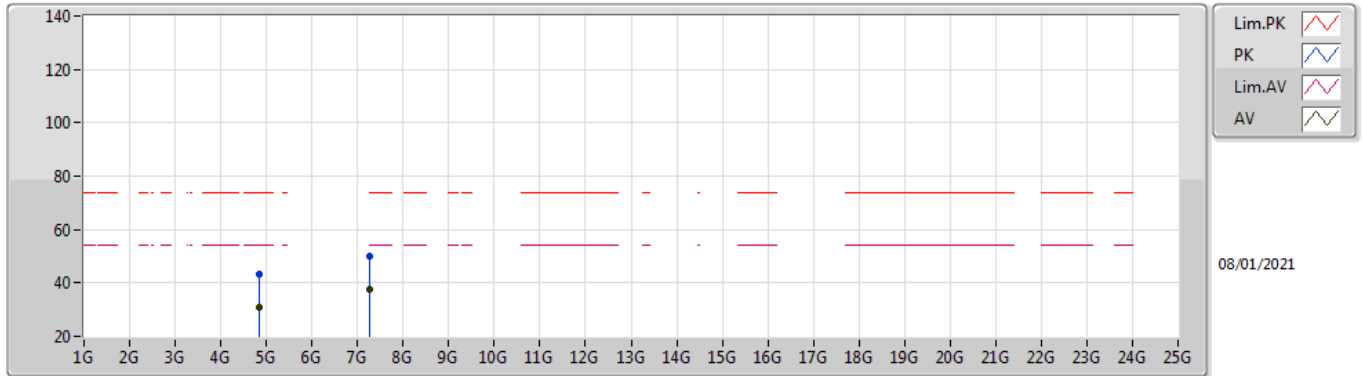
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.47	54.00	-0.53	33.57	3	Horizontal	126	1.18	-	19.90	27.62	5.95	-
AV	2.4156G	94.24	Inf	-Inf	33.52	3	Horizontal	126	1.18	-	60.72	27.54	5.98	-
AV	2.5G	46.59	54.00	-7.41	33.48	3	Horizontal	126	1.18	-	13.11	27.40	6.08	-
PK	2.3892G	67.67	74.00	-6.33	33.57	3	Horizontal	126	1.18	-	34.10	27.62	5.95	-
PK	2.41G	104.18	Inf	-Inf	33.53	3	Horizontal	126	1.18	-	70.65	27.56	5.97	-
PK	2.494G	57.59	74.00	-16.41	33.47	3	Horizontal	126	1.18	-	24.12	27.40	6.07	-

802.11n HT40_Nss1,(MCS0)_2TX

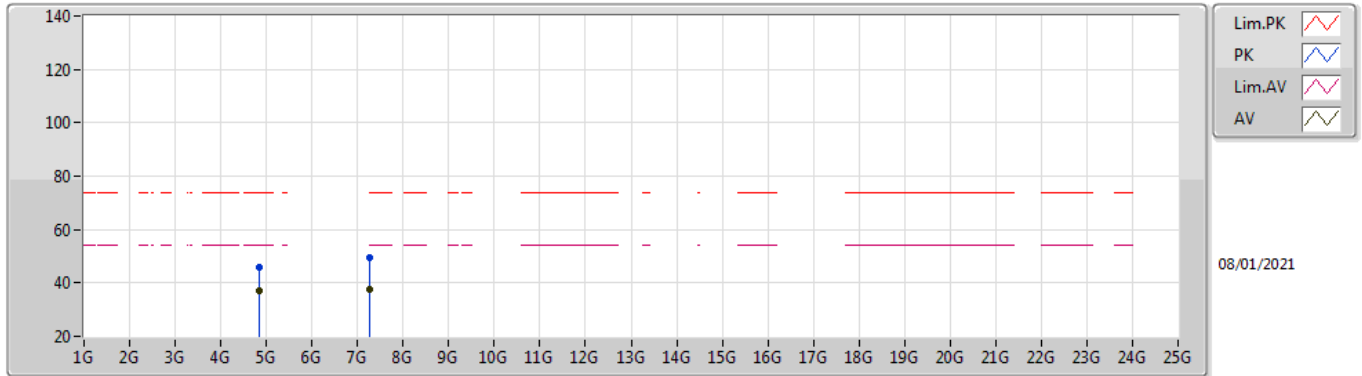
2422MHz_TX



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	4.84605G	30.91	54.00	-23.09	5.09	3	Vertical	260	2.30	-	25.82	31.08	8.28	34.27
AV	7.26627G	37.41	54.00	-16.59	11.72	3	Vertical	252	2.46	-	25.69	36.27	10.02	34.57
PK	4.84356G	43.50	74.00	-30.50	5.08	3	Vertical	260	2.30	-	38.42	31.07	8.28	34.27
PK	7.26611G	49.83	74.00	-24.17	11.71	3	Vertical	252	2.46	-	38.12	36.26	10.02	34.57

802.11n HT40_Nss1,(MCS0)_2TX

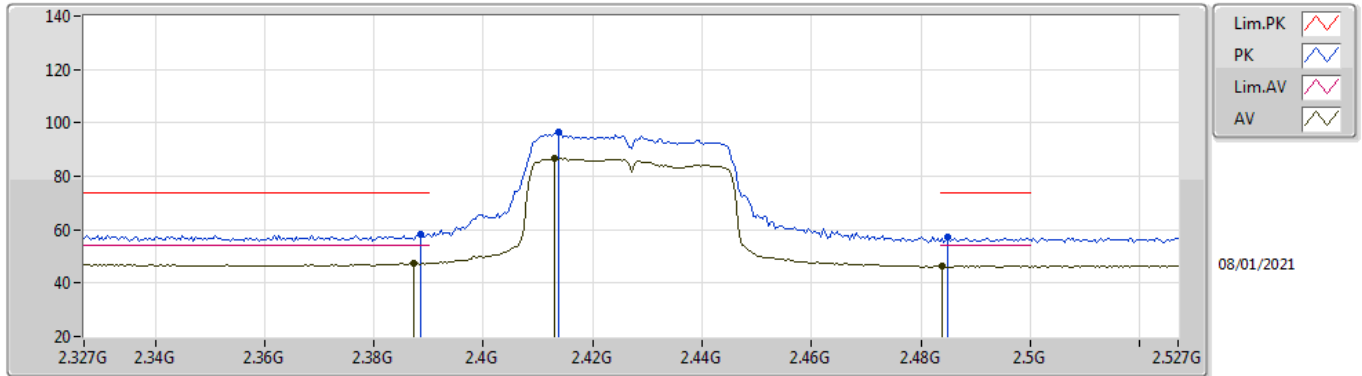
2422MHz_TX



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	4.84396G	37.32	54.00	-16.68	5.09	3	Horizontal	252	1.33	-	32.23	31.08	8.28	34.27
AV	7.26717G	37.34	54.00	-16.66	11.72	3	Horizontal	281	1.43	-	25.62	36.27	10.02	34.57
PK	4.84401G	45.89	74.00	-28.11	5.09	3	Horizontal	252	1.33	-	40.80	31.08	8.28	34.27
PK	7.26711G	49.50	74.00	-24.50	11.72	3	Horizontal	281	1.43	-	37.78	36.27	10.02	34.57

802.11n HT40_Nss1,(MCS0)_2TX

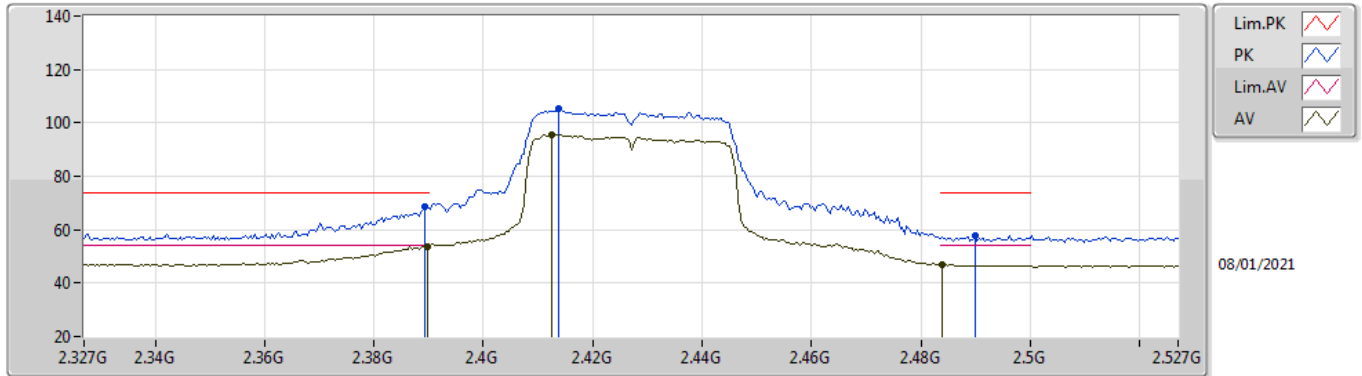
2427MHz_TX



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	2.3874G	47.40	54.00	-6.60	33.58	3	Vertical	132	1.48	-	13.82	27.63	5.95	-
AV	2.413G	86.89	Inf	-Inf	33.53	3	Vertical	132	1.48	-	53.36	27.55	5.98	-
AV	2.4838G	46.60	54.00	-7.40	33.46	3	Vertical	132	1.48	-	13.14	27.40	6.06	-
PK	2.3886G	58.17	74.00	-15.83	33.57	3	Vertical	132	1.48	-	24.60	27.62	5.95	-
PK	2.4138G	96.79	Inf	-Inf	33.52	3	Vertical	132	1.48	-	63.27	27.54	5.98	-
PK	2.485G	57.29	74.00	-16.71	33.46	3	Vertical	132	1.48	-	23.83	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

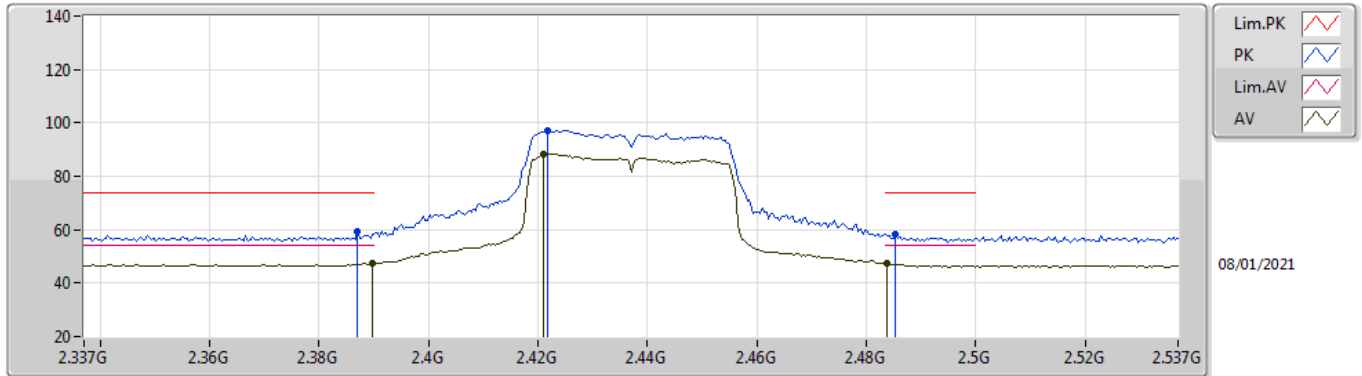
2427MHz_TX



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	53.82	54.00	-0.18	33.57	3	Horizontal	126	1.26	-	20.25	27.62	5.95	-
AV	2.4126G	95.37	Inf	-Inf	33.53	3	Horizontal	126	1.26	-	61.84	27.55	5.98	-
AV	2.4838G	47.05	54.00	-6.95	33.46	3	Horizontal	126	1.26	-	13.59	27.40	6.06	-
PK	2.3894G	68.42	74.00	-5.58	33.57	3	Horizontal	126	1.26	-	34.85	27.62	5.95	-
PK	2.4138G	105.52	Inf	-Inf	33.52	3	Horizontal	126	1.26	-	72.00	27.54	5.98	-
PK	2.4898G	57.63	74.00	-16.37	33.47	3	Horizontal	126	1.26	-	24.16	27.40	6.07	-

802.11n HT40_Nss1,(MCS0)_2TX

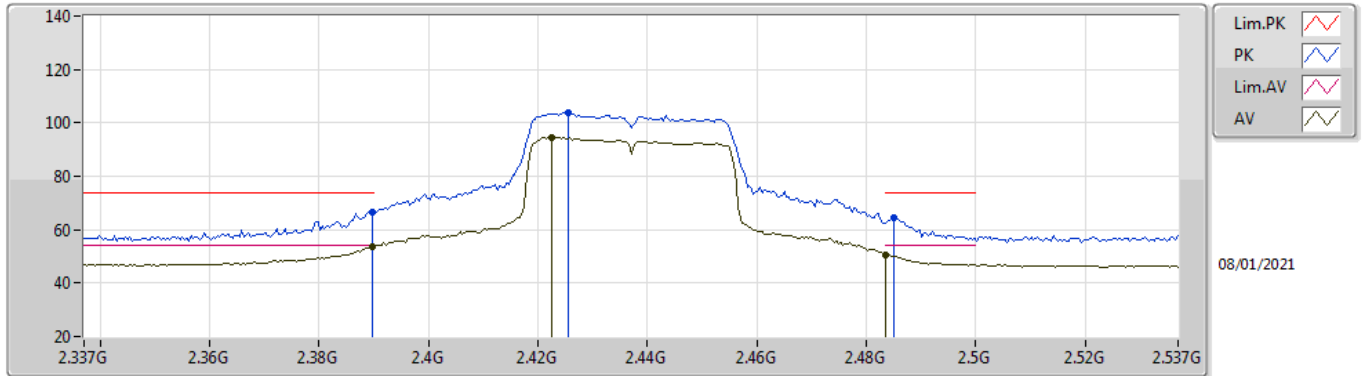
2437MHz_TX



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	47.21	54.00	-6.79	33.57	3	Vertical	133	1.47	-	13.64	27.62	5.95	-
AV	2.421G	88.41	Inf	-Inf	33.51	3	Vertical	133	1.47	-	54.90	27.52	5.99	-
AV	2.4838G	47.25	54.00	-6.75	33.46	3	Vertical	133	1.47	-	13.79	27.40	6.06	-
PK	2.387G	59.11	74.00	-14.89	33.58	3	Vertical	133	1.47	-	25.53	27.63	5.95	-
PK	2.4218G	97.16	Inf	-Inf	33.50	3	Vertical	133	1.47	-	63.66	27.51	5.99	-
PK	2.4854G	58.26	74.00	-15.74	33.46	3	Vertical	133	1.47	-	24.80	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

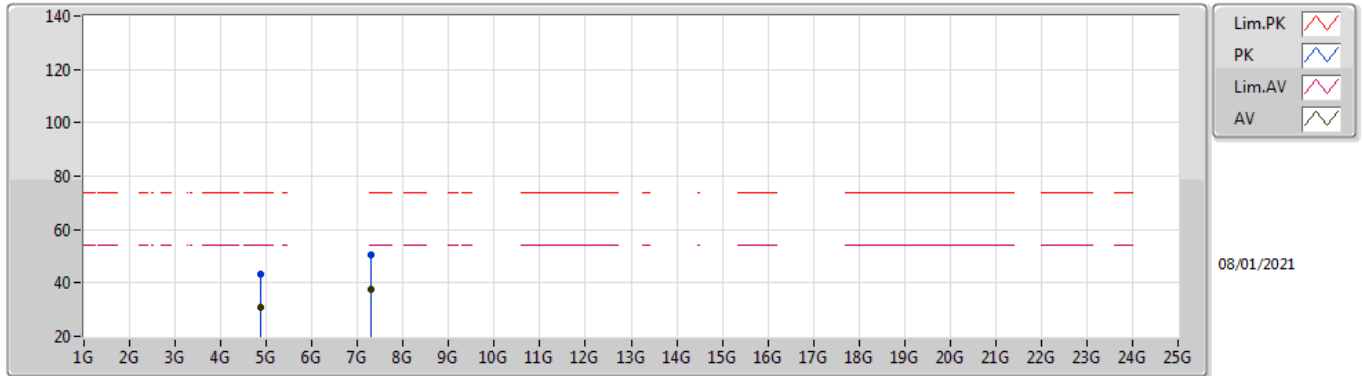
2437MHz_TX



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	53.72	54.00	-0.28	33.57	3	Horizontal	142	1.49	-	20.15	27.62	5.95	-
AV	2.4226G	94.54	Inf	-Inf	33.50	3	Horizontal	142	1.49	-	61.04	27.51	5.99	-
AV	2.4835G	50.68	54.00	-3.32	33.46	3	Horizontal	142	1.49	-	17.22	27.40	6.06	-
PK	2.3898G	66.36	74.00	-7.64	33.57	3	Horizontal	142	1.49	-	32.79	27.62	5.95	-
PK	2.4254G	103.86	Inf	-Inf	33.49	3	Horizontal	142	1.49	-	70.37	27.50	5.99	-
PK	2.485G	64.58	74.00	-9.42	33.46	3	Horizontal	142	1.49	-	31.12	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

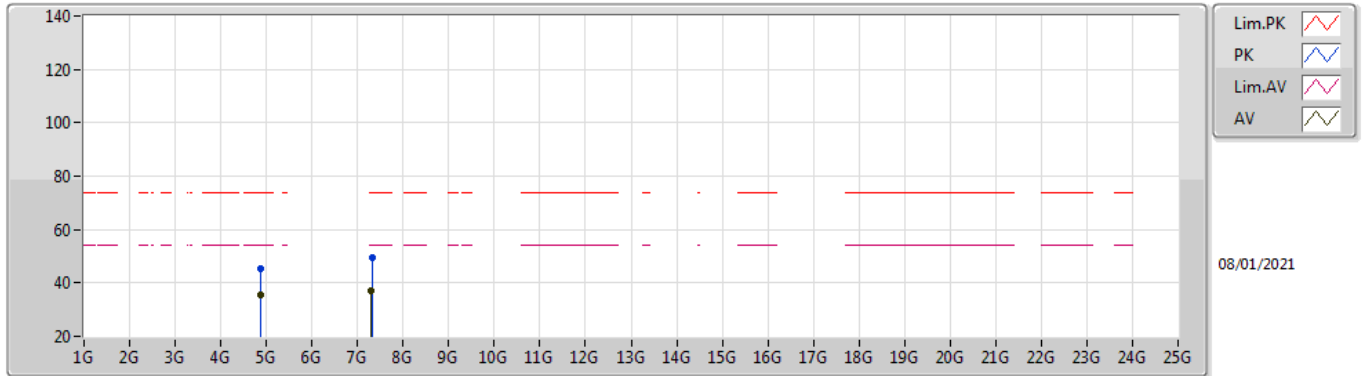
2437MHz_TX



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	4.87368G	30.97	54.00	-23.03	5.09	3	Vertical	119	1.98	-	25.88	31.05	8.30	34.26
AV	7.30944G	37.37	54.00	-16.63	11.82	3	Vertical	240	2.16	-	25.55	36.36	10.03	34.57
PK	4.87347G	43.52	74.00	-30.48	5.09	3	Vertical	119	1.98	-	38.43	31.05	8.30	34.26
PK	7.30885G	50.39	74.00	-23.61	11.82	3	Vertical	240	2.16	-	38.57	36.36	10.03	34.57

802.11n HT40_Nss1,(MCS0)_2TX

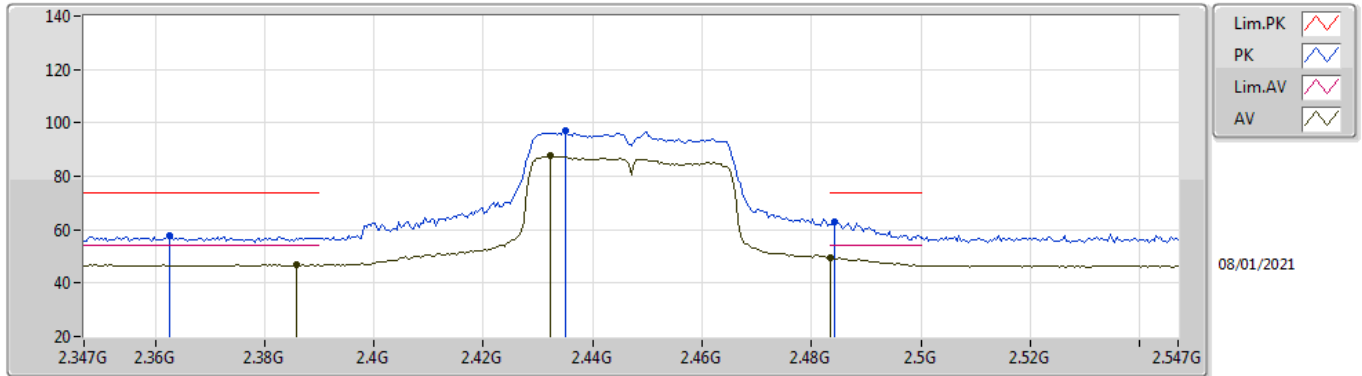
2437MHz_TX



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	4.87394G	35.46	54.00	-18.54	5.09	3	Horizontal	251	1.32	-	30.37	31.05	8.30	34.26
AV	7.30963G	37.25	54.00	-16.75	11.82	3	Horizontal	58	1.05	-	25.43	36.36	10.03	34.57
PK	4.87407G	45.19	74.00	-28.81	5.09	3	Horizontal	251	1.32	-	40.10	31.05	8.30	34.26
PK	7.31121G	49.72	74.00	-24.28	11.82	3	Horizontal	58	1.05	-	37.90	36.36	10.03	34.57

802.11n HT40_Nss1,(MCS0)_2TX

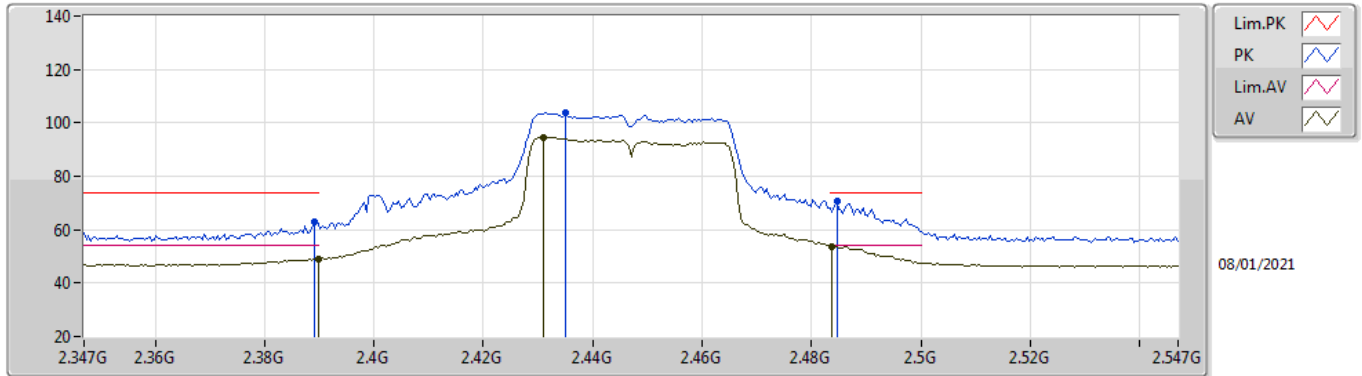
2447MHz_TX



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	2.3858G	47.06	54.00	-6.94	33.58	3	Vertical	158	1.64	-	13.48	27.63	5.95	-
AV	2.4322G	87.70	Inf	-Inf	33.47	3	Vertical	158	1.64	-	54.23	27.47	6.00	-
AV	2.4835G	49.39	54.00	-4.61	33.46	3	Vertical	158	1.64	-	15.93	27.40	6.06	-
PK	2.3626G	57.88	74.00	-16.12	33.60	3	Vertical	158	1.64	-	24.28	27.67	5.93	-
PK	2.435G	96.93	Inf	-Inf	33.46	3	Vertical	158	1.64	-	63.47	27.46	6.00	-
PK	2.4842G	63.11	74.00	-10.89	33.46	3	Vertical	158	1.64	-	29.65	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

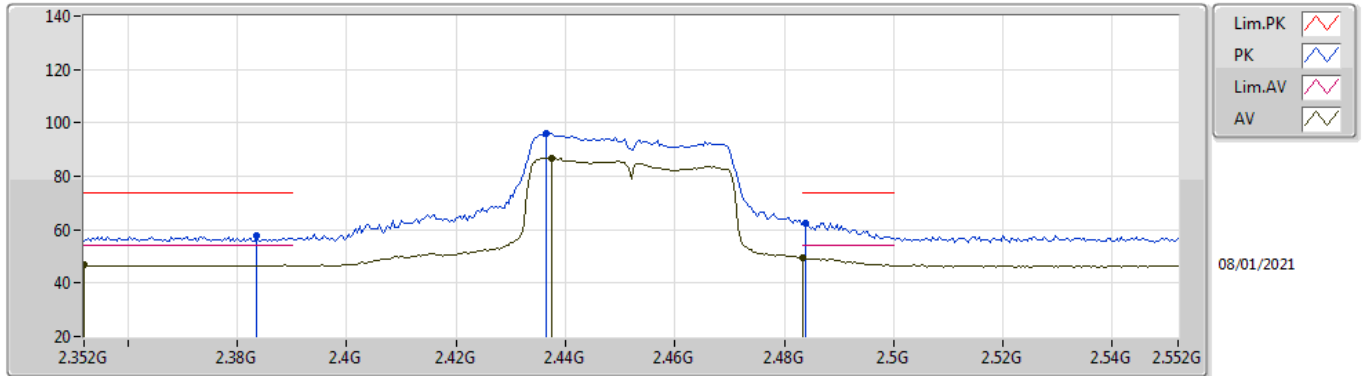
2447MHz_TX



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	49.12	54.00	-4.88	33.57	3	Horizontal	144	1.48	-	15.55	27.62	5.95	-
AV	2.431G	94.70	Inf	-Inf	33.48	3	Horizontal	144	1.48	-	61.22	27.48	6.00	-
AV	2.4838G	53.68	54.00	-0.32	33.46	3	Horizontal	144	1.48	-	20.22	27.40	6.06	-
PK	2.389G	62.84	74.00	-11.16	33.57	3	Horizontal	144	1.48	-	29.27	27.62	5.95	-
PK	2.435G	103.83	Inf	-Inf	33.46	3	Horizontal	144	1.48	-	70.37	27.46	6.00	-
PK	2.4846G	70.44	74.00	-3.56	33.46	3	Horizontal	144	1.48	-	36.98	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

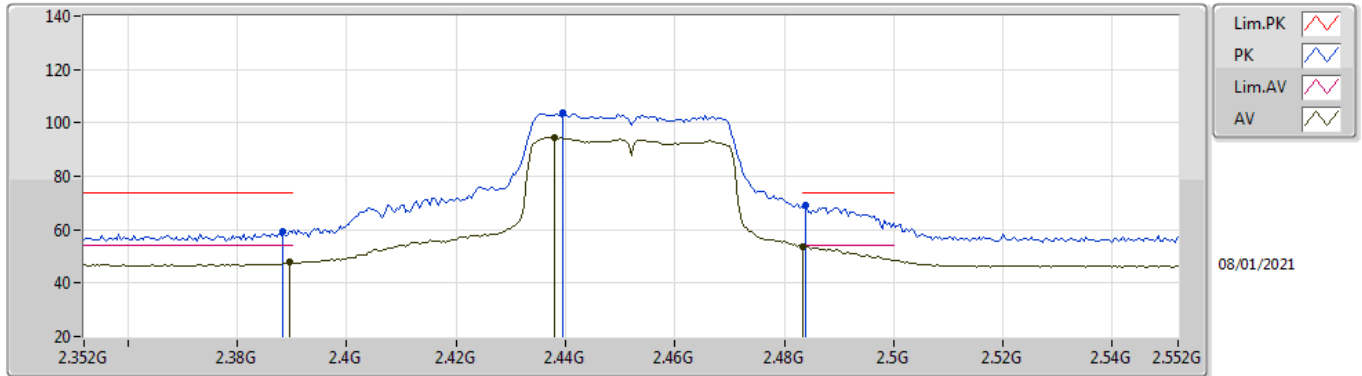
2452MHz_TX



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	2.352G	46.74	54.00	-7.26	33.62	3	Vertical	156	1.48	-	13.12	27.70	5.92	-
AV	2.4376G	86.88	Inf	-Inf	33.46	3	Vertical	156	1.48	-	53.42	27.45	6.01	-
AV	2.4835G	49.39	54.00	-4.61	33.46	3	Vertical	156	1.48	-	15.93	27.40	6.06	-
PK	2.3836G	57.68	74.00	-16.32	33.58	3	Vertical	156	1.48	-	24.10	27.63	5.95	-
PK	2.4364G	96.15	Inf	-Inf	33.45	3	Vertical	156	1.48	-	62.70	27.45	6.00	-
PK	2.484G	62.64	74.00	-11.36	33.46	3	Vertical	156	1.48	-	29.18	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

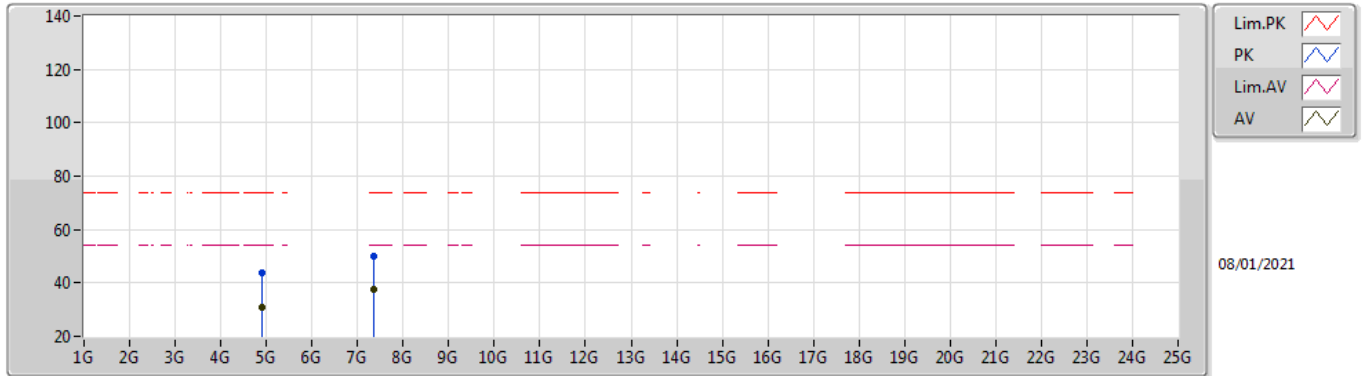
2452MHz_TX



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	2.3896G	47.72	54.00	-6.28	33.57	3	Horizontal	145	1.00	-	14.15	27.62	5.95	-
AV	2.438G	94.56	Inf	-Inf	33.46	3	Horizontal	145	1.00	-	61.10	27.45	6.01	-
AV	2.4835G	53.69	54.00	-0.31	33.46	3	Horizontal	145	1.00	-	20.23	27.40	6.06	-
PK	2.3884G	59.41	74.00	-14.59	33.57	3	Horizontal	145	1.00	-	25.84	27.62	5.95	-
PK	2.4396G	103.69	Inf	-Inf	33.45	3	Horizontal	145	1.00	-	70.24	27.44	6.01	-
PK	2.484G	69.15	74.00	-4.85	33.46	3	Horizontal	145	1.00	-	35.69	27.40	6.06	-

802.11n HT40_Nss1,(MCS0)_2TX

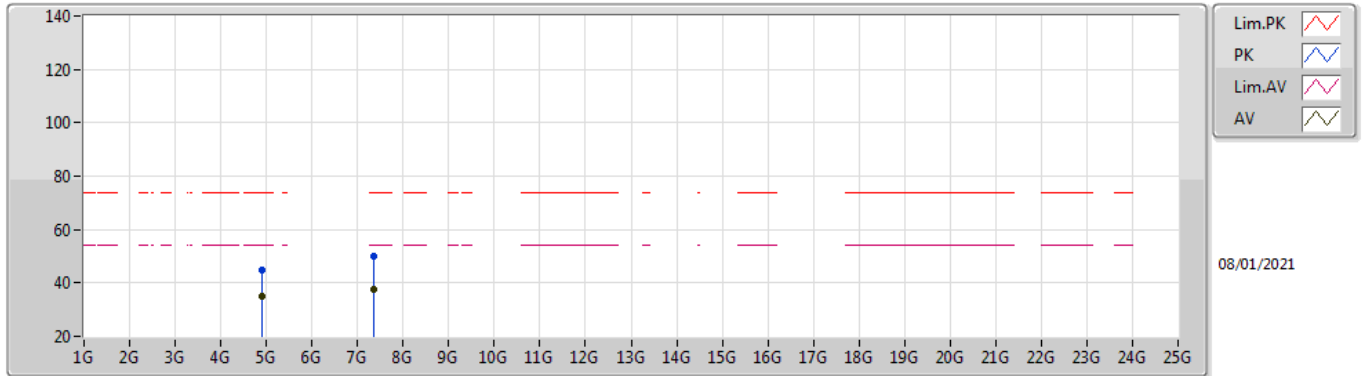
2452MHz_TX



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	4.90468G	30.83	54.00	-23.17	5.09	3	Vertical	28	1.49	-	25.74	31.02	8.32	34.25
AV	7.35466G	37.43	54.00	-16.57	11.65	3	Vertical	230	1.57	-	25.78	36.19	10.04	34.58
PK	4.90584G	43.63	74.00	-30.37	5.09	3	Vertical	28	1.49	-	38.54	31.02	8.32	34.25
PK	7.35574G	49.97	74.00	-24.03	11.65	3	Vertical	230	1.57	-	38.32	36.19	10.04	34.58

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	34.95	54.00	-19.05	5.09	3	Horizontal	249	1.48	-	29.86	31.02	8.32	34.25
AV	7.35396G	37.39	54.00	-16.61	11.65	3	Horizontal	193	1.89	-	25.74	36.19	10.04	34.58
PK	4.90365G	45.06	74.00	-28.94	5.08	3	Horizontal	249	1.48	-	39.98	31.01	8.32	34.25
PK	7.3571G	50.21	74.00	-23.79	11.65	3	Horizontal	193	1.89	-	38.56	36.19	10.04	34.58