

FCC Radio Test Report

FCC ID : KA2R04A1
Equipment : N300 Wi-Fi AI Router with 3 antennas, N300 Wi-Fi AI Router
Brand Name : D-Link
Model Name : R04, R03
Applicant : D-Link Corporation
No. 289, Xinhua 3rd Road, Neihu District, Taipei 11494, Taiwan
Manufacturer : D-Link Corporation
No. 289, Xinhua 3rd Road, Neihu District, Taipei 11494, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 05, 2021, and testing was started from Aug. 19, 2021 and completed on Aug. 27, 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.)



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Channel Mode	9
2.2 The Worst Case Measurement Configuration.....	10
2.3 Accessories	11
2.4 Support Equipment.....	11
2.5 Test Setup Diagram	12
3 TRANSMITTER TEST RESULT	14
3.1 AC Power-line Conducted Emissions	14
3.2 DTS Bandwidth.....	16
3.3 Maximum Conducted Output Power	17
3.4 Power Spectral Density	19
3.5 Emissions in Non-restricted Frequency Bands	20
3.6 Emissions in Restricted Frequency Bands.....	21
4 TEST EQUIPMENT AND CALIBRATION DATA	25
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR180524AC	01	Initial issue of report	Sep. 10, 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:

For 802.11n, CDD mode and Beamforming mode are presented in power output test item. For other test items, CDD mode is the worst case for final tests after pretesting.

Reviewed by: Sam Tsai

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

Non Beamforming

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

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40-BF	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****Sample 1**

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	RFlink	RF21C6564A	Dipole	N/A	5.5
2	RFlink	RF21C6565A	Dipole	N/A	5.5

For 2.4GHz function:

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

Ant. 1~2 could transmit/receive simultaneously.

Sample 2

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	RFlink	RF21C6564A	Dipole	N/A	5.5
2	RFlink	RF21C6565A	Dipole	N/A	5.5
3	RFlink	RF21C6563A	Dipole	N/A	5.5

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (2TX/3RX)

Ant. 1~2 could transmit simultaneously.

Ant. 1~3 could receive simultaneously.

1.1.3 EUT Information

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

**1.1.4 Mode Test Duty Cycle****Non Beamforming**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20_Nss1,(MCS0)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40_Nss1,(MCS0)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11n HT20_Nss1,(MCS0)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40_Nss1,(MCS0)_2TX	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

1.1.5 Table for Multiple Listing

Sample No.	Equipment Name	Model Name	Antenna
1	N300 Wi-Fi AI Router	R03	2 antennas
2	N300 Wi-Fi AI Router with 3 antennas	R04	3 antennas

From the above models, model: R04 was selected as representative model for the conducted test.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.5~23.5°C / 59~60%	27/Aug/2021
RF Conducted	TH07-HY	Alan Chien	20.1~26.9°C / 50~60%	19/Aug/2021~27/Aug/2021
Radiated	03CH02-HY	Tony Chang	22.1~25.0°C / 51~55%	26/Aug/2021~27/Aug/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Non Beamforming

Test Software Version	MP_TEST RTL819x3.7
-----------------------	--------------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	89/89
2437MHz	87/87
2457MHz	86/86
2462MHz	85/85
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	105/105
2417MHz	111/111
2437MHz	124/124
2457MHz	105/105
2462MHz	96/96
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	92/92
2417MHz	111/111
2437MHz	121/121
2457MHz	106/106
2462MHz	90/90
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	83/83
2427MHz	90/90
2437MHz	104/104
2447MHz	90/90
2452MHz	85/85

2.2 The Worst Case Measurement Configuration

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

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

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

2.3 Accessories

Accessories				
AC Adapter	Brand Name	AMIGO	Model Name	AMS159A-1201000FU
	Manufacturer	GLOBAL YEOU DIANN ELECTRIC INDUSTRIAL CO., LTD.		
	SN	YDS-8539BPD-R		
	Power Rating	I/P: 100 - 240Vac, 0.5A,O/P:12Vdc,1A		
RJ45 Cable	Brand Name	NIEN-YI INDUSTRIAL CORP.	Model Name	NYS4899
	Power Cord	0.95 meter, non-shielded cable		

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

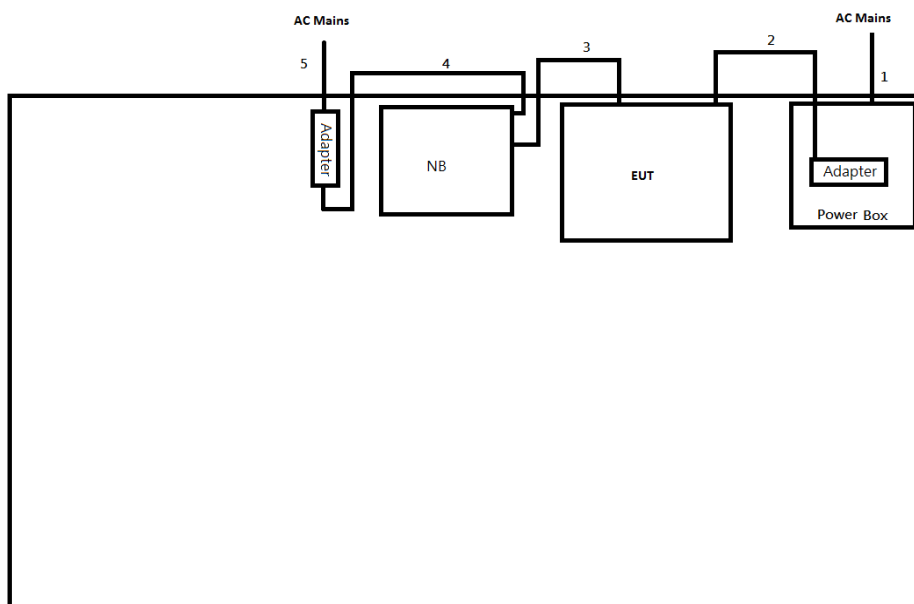
2.4 Support Equipment

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

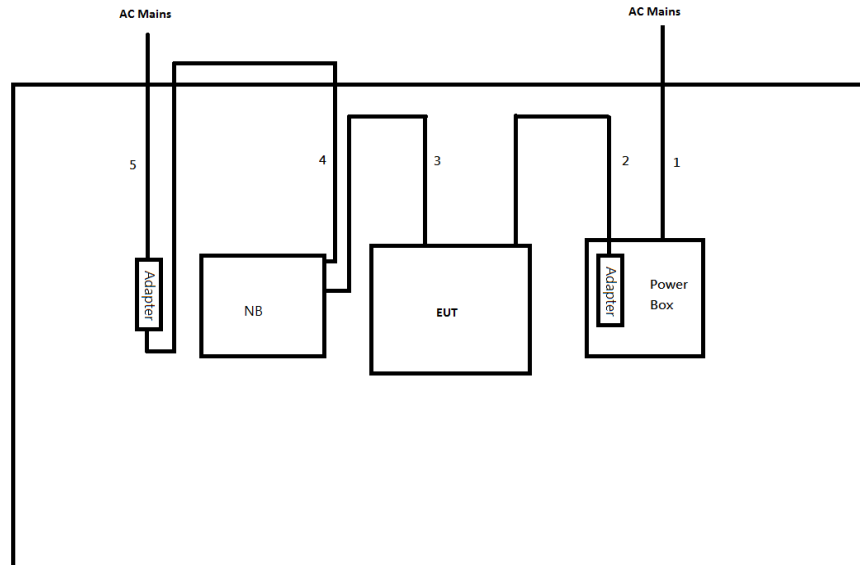
Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-LA40	-	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.2	-
3	RJ45 Cable	No	0.95	-
4	DC Power cable	No	1.5	-
5	AC Power cable	No	1.8	-

Test Setup Diagram – Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.2	-
3	RJ45 Cable	No	0.95	-
4	DC Power cable	No	1.5	-
5	AC Power cable	No	1.8	-

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

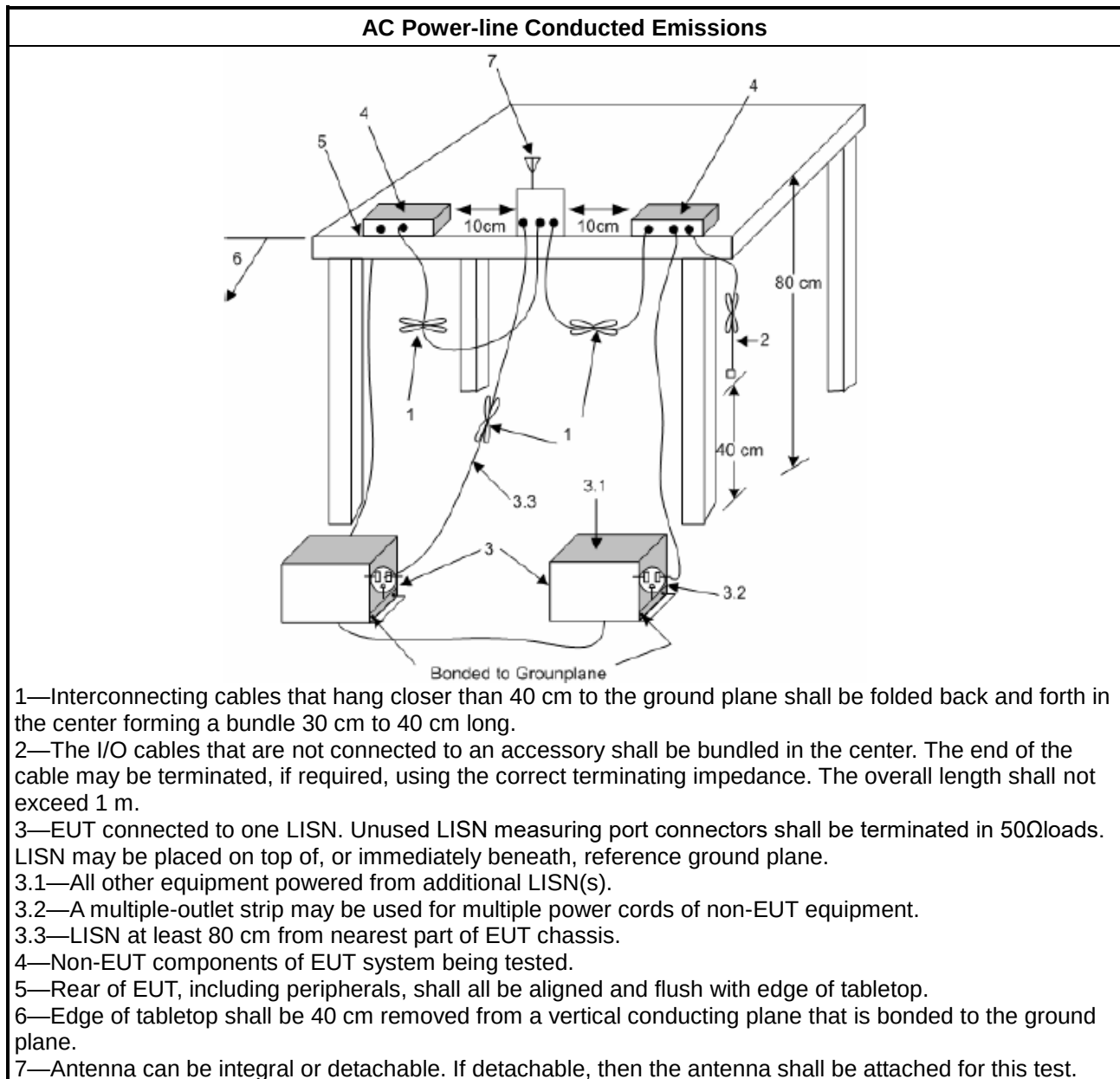
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

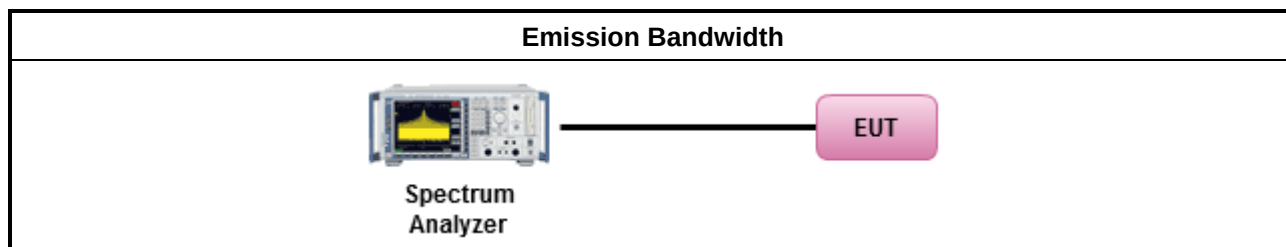
3.2.2 Measuring Instruments

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.		

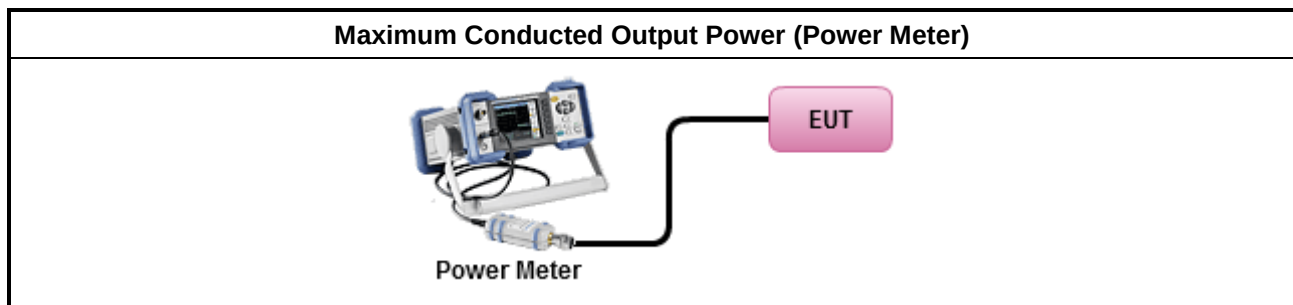
3.3.2 Measuring Instruments

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

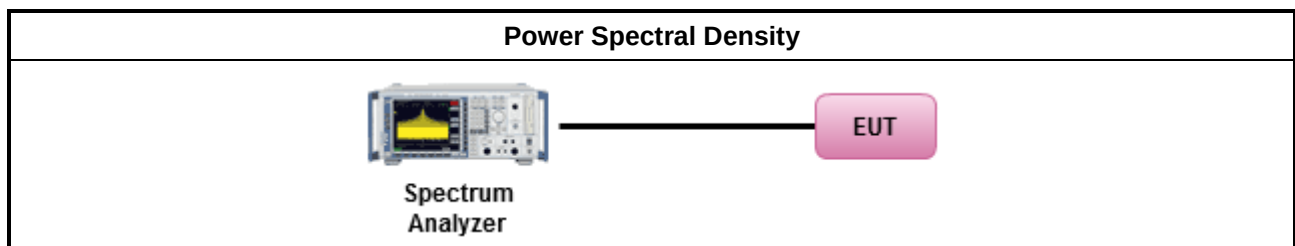
3.4.2 Measuring Instruments

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.	

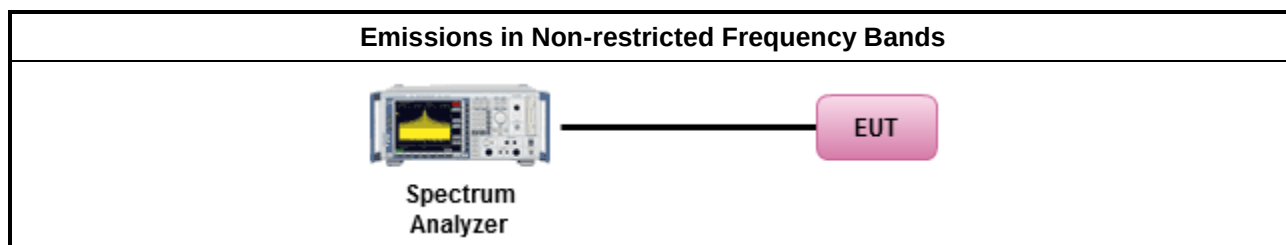
3.5.2 Measuring Instruments

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

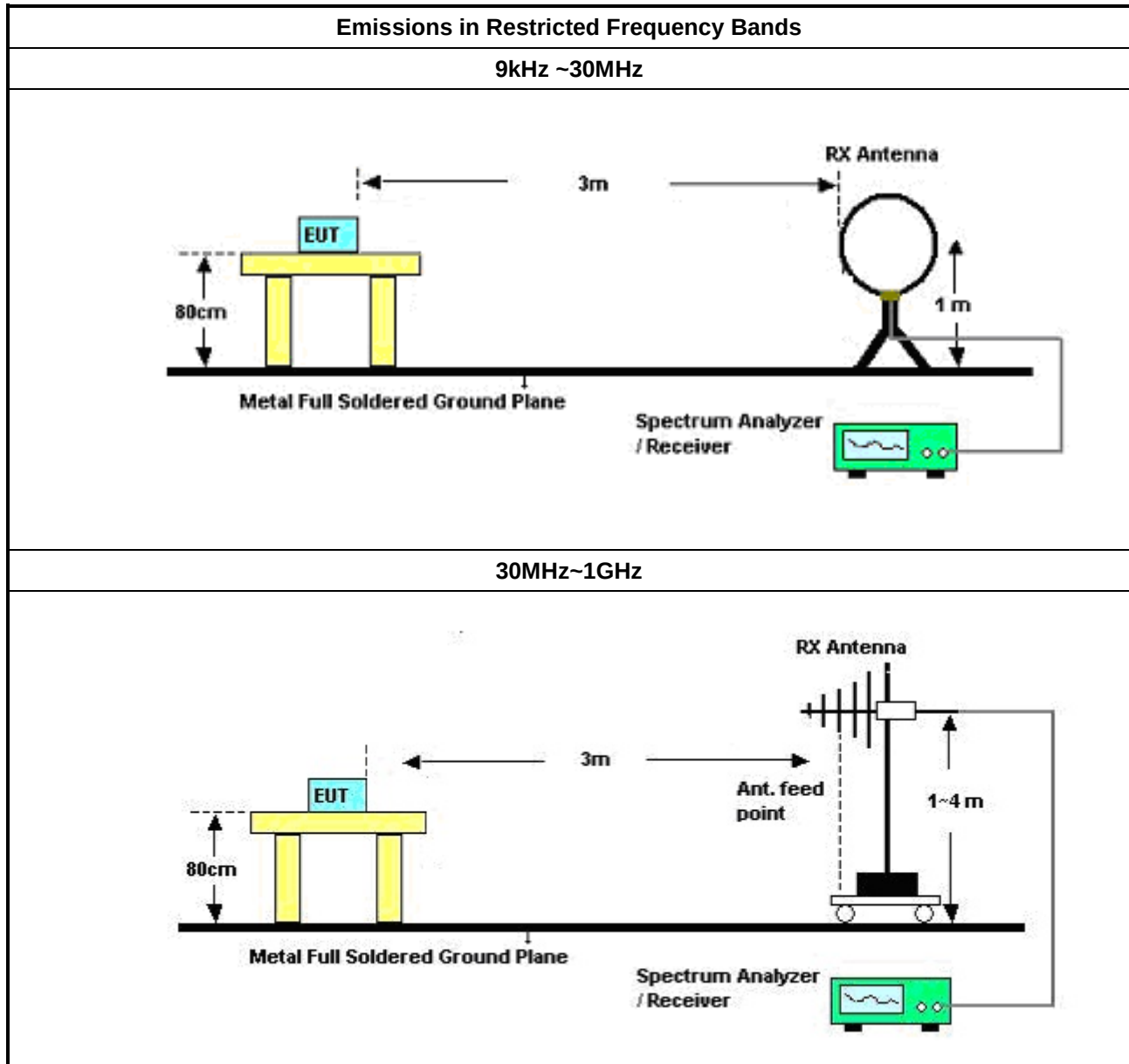
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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



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	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127477	9kHz ~ 30MHz	25/Feb/2021	24/Feb/2022

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/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	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	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	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	426.898k	38.78	47.32	-8.54	Neutral
Mode 2	Pass	AV	425.197k	37.87	47.34	-9.47	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	159.256k	39.12	65.50	-26.38	Line	-
Mode 1	Pass	AV	159.256k	24.52	55.50	-30.98	Line	-
Mode 1	Pass	QP	428.605k	37.39	57.28	-19.89	Line	-
Mode 1	Pass	AV	428.605k	27.67	47.28	-19.61	Line	-
Mode 1	Pass	QP	734.698k	19.14	56.00	-36.86	Line	-
Mode 1	Pass	AV	734.698k	14.70	46.00	-31.30	Line	-
Mode 1	Pass	QP	2.15M	25.90	56.00	-30.10	Line	-
Mode 1	Pass	AV	2.15M	18.97	46.00	-27.03	Line	-
Mode 1	Pass	QP	5.237M	21.40	60.00	-38.60	Line	-
Mode 1	Pass	AV	5.237M	17.35	50.00	-32.65	Line	-
Mode 1	Pass	QP	26.484M	25.20	60.00	-34.80	Line	-
Mode 1	Pass	AV	26.484M	19.82	50.00	-30.18	Line	-
Mode 1	Pass	QP	150.6k	38.41	65.96	-27.55	Neutral	-
Mode 1	Pass	AV	150.6k	25.93	55.96	-30.03	Neutral	-
Mode 1	Pass	QP	426.898k	41.78	57.32	-15.54	Neutral	-
Mode 1	Pass	AV	426.898k	38.78	47.32	-8.54	Neutral	-
Mode 1	Pass	QP	743.55k	27.32	56.00	-28.68	Neutral	-
Mode 1	Pass	AV	743.55k	23.67	46.00	-22.33	Neutral	-
Mode 1	Pass	QP	1.613M	29.78	56.00	-26.22	Neutral	-
Mode 1	Pass	AV	1.613M	23.04	46.00	-22.96	Neutral	-
Mode 1	Pass	QP	14.151M	29.55	60.00	-30.45	Neutral	-
Mode 1	Pass	AV	14.151M	23.49	50.00	-26.51	Neutral	-
Mode 1	Pass	QP	19.71M	32.34	60.00	-27.66	Neutral	-
Mode 1	Pass	AV	19.71M	26.09	50.00	-23.91	Neutral	-
Mode 2	Pass	QP	165.743k	38.46	65.18	-26.72	Line	-
Mode 2	Pass	AV	165.743k	25.01	55.18	-30.17	Line	-
Mode 2	Pass	QP	425.197k	36.51	57.34	-20.83	Line	-
Mode 2	Pass	AV	425.197k	26.72	47.34	-20.62	Line	-
Mode 2	Pass	QP	758.54k	20.90	56.00	-35.10	Line	-
Mode 2	Pass	AV	758.54k	15.70	46.00	-30.30	Line	-
Mode 2	Pass	QP	2.202M	26.36	56.00	-29.64	Line	-
Mode 2	Pass	AV	2.202M	18.95	46.00	-27.05	Line	-
Mode 2	Pass	QP	14.151M	27.04	60.00	-32.96	Line	-
Mode 2	Pass	AV	14.151M	20.93	50.00	-29.07	Line	-
Mode 2	Pass	QP	19.71M	31.91	60.00	-28.09	Line	-
Mode 2	Pass	AV	19.71M	24.87	50.00	-25.13	Line	-
Mode 2	Pass	QP	152.414k	39.34	65.87	-26.53	Neutral	-
Mode 2	Pass	AV	152.414k	26.80	55.87	-29.07	Neutral	-
Mode 2	Pass	QP	226.289k	31.44	62.58	-31.14	Neutral	-
Mode 2	Pass	AV	226.289k	25.42	52.58	-27.16	Neutral	-
Mode 2	Pass	QP	425.197k	41.35	57.34	-15.99	Neutral	-
Mode 2	Pass	AV	425.197k	37.87	47.34	-9.47	Neutral	-
Mode 2	Pass	QP	1.483M	27.35	56.00	-28.65	Neutral	-

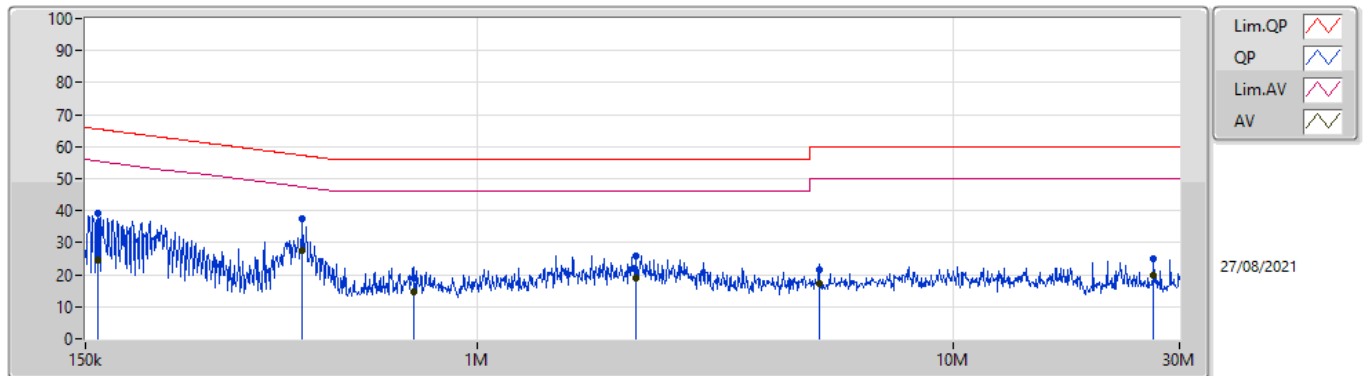


Conducted Emissions at Powerline

Appendix A

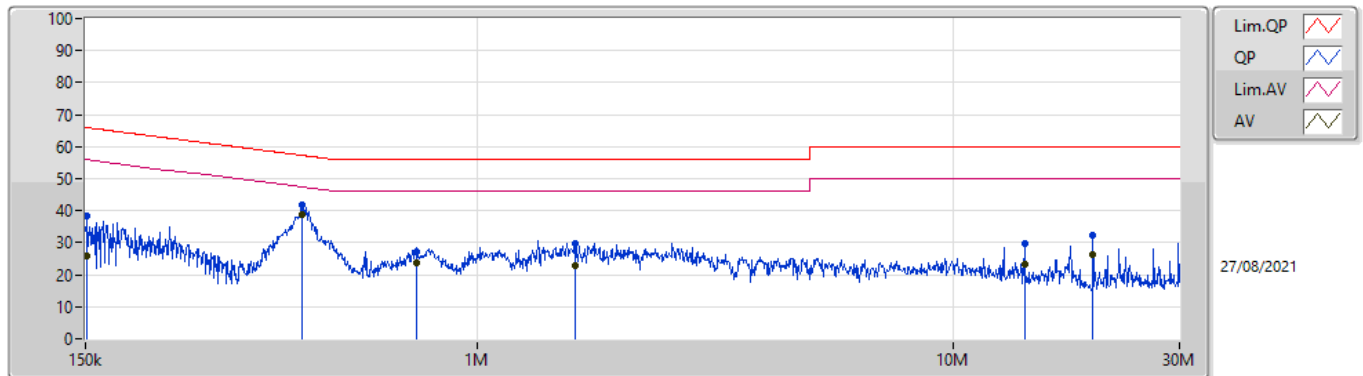
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	AV	1.483M	22.46	46.00	-23.54	Neutral	-
Mode 2	Pass	QP	19.71M	33.28	60.00	-26.72	Neutral	-
Mode 2	Pass	AV	19.71M	26.98	50.00	-23.02	Neutral	-
Mode 2	Pass	QP	22.396M	30.86	60.00	-29.14	Neutral	-
Mode 2	Pass	AV	22.396M	24.98	50.00	-25.02	Neutral	-

Conducted Emissions at Powerline_Mode 1



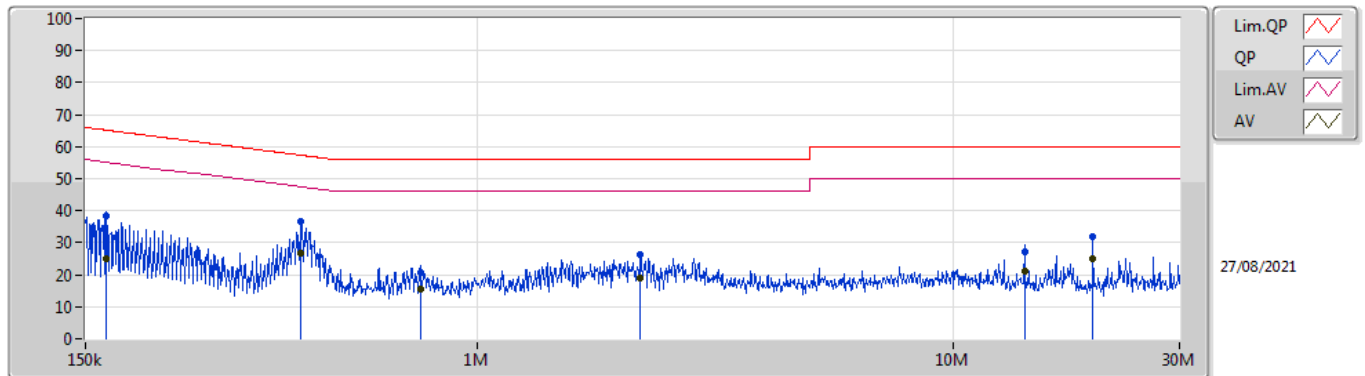
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159.256k	39.12	65.50	-26.38	19.63	Line	-	19.49	9.69	0.04	9.90			
AV	159.256k	24.52	55.50	-30.98	19.63	Line	-	4.89	9.69	0.04	9.90			
QP	428.605k	37.39	57.28	-19.89	19.62	Line	-	17.77	9.67	0.06	9.89			
AV	428.605k	27.67	47.28	-19.61	19.62	Line	-	8.05	9.67	0.06	9.89			
QP	734.698k	19.14	56.00	-36.86	19.57	Line	-	-0.43	9.67	0.07	9.83			
AV	734.698k	14.70	46.00	-31.30	19.57	Line	-	-4.87	9.67	0.07	9.83			
QP	2.15M	25.90	56.00	-30.10	19.59	Line	-	6.31	9.68	0.10	9.81			
AV	2.15M	18.97	46.00	-27.03	19.59	Line	-	-0.62	9.68	0.10	9.81			
QP	5.237M	21.40	60.00	-38.60	19.76	Line	-	1.64	9.70	0.16	9.90			
AV	5.237M	17.35	50.00	-32.65	19.76	Line	-	-2.41	9.70	0.16	9.90			
QP	26.484M	25.20	60.00	-34.80	19.80	Line	-	5.40	9.57	0.33	9.90			
AV	26.484M	19.82	50.00	-30.18	19.80	Line	-	0.02	9.57	0.33	9.90			

Conducted Emissions at Powerline_Mode 1



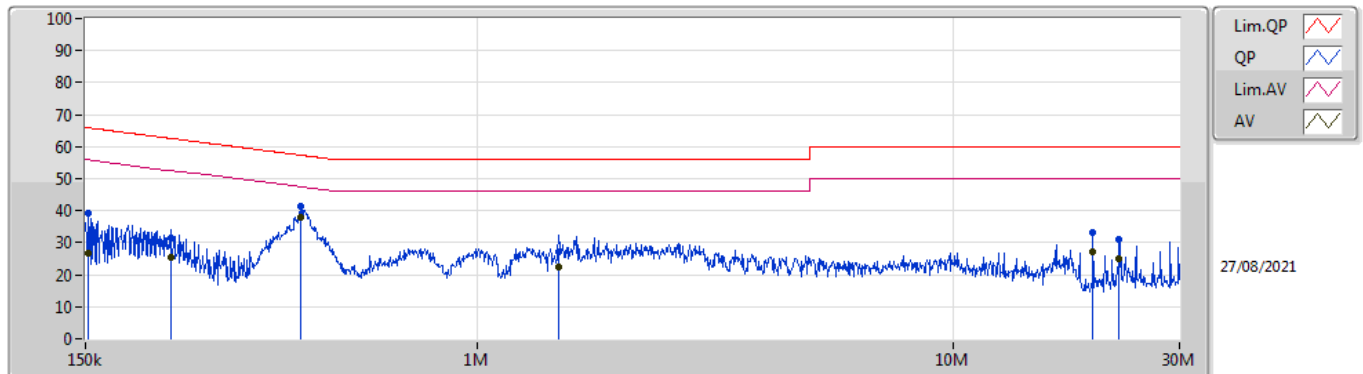
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	38.41	65.96	-27.55	19.63	Neutral	-	18.78	9.69	0.04	9.90			
AV	150.6k	25.93	55.96	-30.03	19.63	Neutral	-	6.30	9.69	0.04	9.90			
QP	426.898k	41.78	57.32	-15.54	19.62	Neutral	-	22.16	9.67	0.06	9.89			
AV	426.898k	38.78	47.32	-8.54	19.62	Neutral	-	19.16	9.67	0.06	9.89			
QP	743.55k	27.32	56.00	-28.68	19.57	Neutral	-	7.75	9.67	0.07	9.83			
AV	743.55k	23.67	46.00	-22.33	19.57	Neutral	-	4.10	9.67	0.07	9.83			
QP	1.613M	29.78	56.00	-26.22	19.57	Neutral	-	10.21	9.68	0.09	9.80			
AV	1.613M	23.04	46.00	-22.96	19.57	Neutral	-	3.47	9.68	0.09	9.80			
QP	14.151M	29.55	60.00	-30.45	19.88	Neutral	-	9.67	9.74	0.24	9.90			
AV	14.151M	23.49	50.00	-26.51	19.88	Neutral	-	3.61	9.74	0.24	9.90			
QP	19.71M	32.34	60.00	-27.66	19.95	Neutral	-	12.39	9.75	0.30	9.90			
AV	19.71M	26.09	50.00	-23.91	19.95	Neutral	-	6.14	9.75	0.30	9.90			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	165.743k	38.46	65.18	-26.72	19.63	Line	-	18.83	9.69	0.04	9.90			
AV	165.743k	25.01	55.18	-30.17	19.63	Line	-	5.38	9.69	0.04	9.90			
QP	425.197k	36.51	57.34	-20.83	19.62	Line	-	16.89	9.67	0.06	9.89			
AV	425.197k	26.72	47.34	-20.62	19.62	Line	-	7.10	9.67	0.06	9.89			
QP	758.54k	20.90	56.00	-35.10	19.57	Line	-	1.33	9.67	0.07	9.83			
AV	758.54k	15.70	46.00	-30.30	19.57	Line	-	-3.87	9.67	0.07	9.83			
QP	2.202M	26.36	56.00	-29.64	19.60	Line	-	6.76	9.68	0.11	9.81			
AV	2.202M	18.95	46.00	-27.05	19.60	Line	-	-0.65	9.68	0.11	9.81			
QP	14.151M	27.04	60.00	-32.96	19.83	Line	-	7.21	9.69	0.24	9.90			
AV	14.151M	20.93	50.00	-29.07	19.83	Line	-	1.10	9.69	0.24	9.90			
QP	19.71M	31.91	60.00	-28.09	19.87	Line	-	12.04	9.67	0.30	9.90			
AV	19.71M	24.87	50.00	-25.13	19.87	Line	-	5.00	9.67	0.30	9.90			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	39.34	65.87	-26.53	19.63	Neutral	-	19.71	9.69	0.04	9.90			
AV	152.414k	26.80	55.87	-29.07	19.63	Neutral	-	7.17	9.69	0.04	9.90			
QP	226.289k	31.44	62.58	-31.14	19.62	Neutral	-	11.82	9.68	0.04	9.90			
AV	226.289k	25.42	52.58	-27.16	19.62	Neutral	-	5.80	9.68	0.04	9.90			
QP	425.197k	41.35	57.34	-15.99	19.62	Neutral	-	21.73	9.67	0.06	9.89			
AV	425.197k	37.87	47.34	-9.47	19.62	Neutral	-	18.25	9.67	0.06	9.89			
QP	1.483M	27.35	56.00	-28.65	19.57	Neutral	-	7.78	9.68	0.09	9.80			
AV	1.483M	22.46	46.00	-23.54	19.57	Neutral	-	2.89	9.68	0.09	9.80			
QP	19.71M	33.28	60.00	-26.72	19.95	Neutral	-	13.33	9.75	0.30	9.90			
AV	19.71M	26.98	50.00	-23.02	19.95	Neutral	-	7.03	9.75	0.30	9.90			
QP	22.396M	30.86	60.00	-29.14	19.95	Neutral	-	10.91	9.74	0.31	9.90			
AV	22.396M	24.98	50.00	-25.02	19.95	Neutral	-	5.03	9.74	0.31	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	10.125M	14.043M	14M0G1D	10.1M	13.993M
802.11g_Nss1,(6Mbps)_2TX	15.65M	19.09M	19M1D1D	14.4M	16.317M
802.11n HT20_Nss1,(MCS0)_2TX	16.525M	18.391M	18M4D1D	15.4M	17.416M
802.11n HT40_Nss1,(MCS0)_2TX	34.4M	35.532M	35M5D1D	22.95M	34.533M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

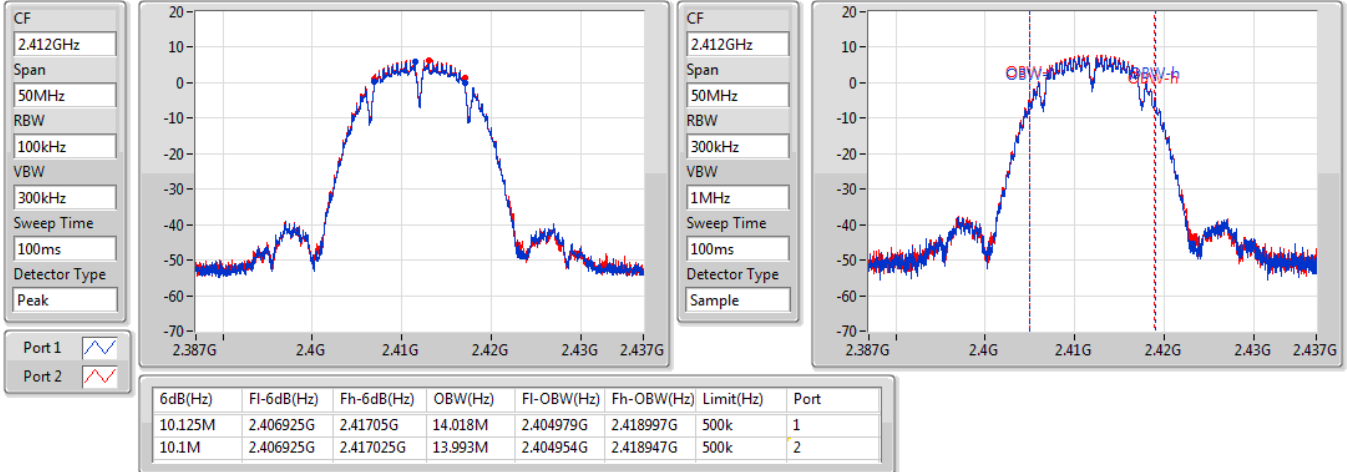
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.125M	14.018M	10.1M	13.993M
2437MHz	Pass	500k	10.1M	13.993M	10.1M	14.043M
2462MHz	Pass	500k	10.1M	14.043M	10.1M	14.043M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.65M	16.317M	14.4M	16.367M
2437MHz	Pass	500k	15.2M	17.391M	15.525M	19.09M
2462MHz	Pass	500k	15.3M	16.317M	14.4M	16.342M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	17.416M	16.275M	17.416M
2437MHz	Pass	500k	16.525M	17.991M	16.125M	18.391M
2462MHz	Pass	500k	15.4M	17.416M	15.9M	17.466M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.25M	35.532M	34.4M	35.482M
2437MHz	Pass	500k	23.8M	34.883M	23.85M	34.783M
2452MHz	Pass	500k	22.95M	34.583M	23.55M	34.533M

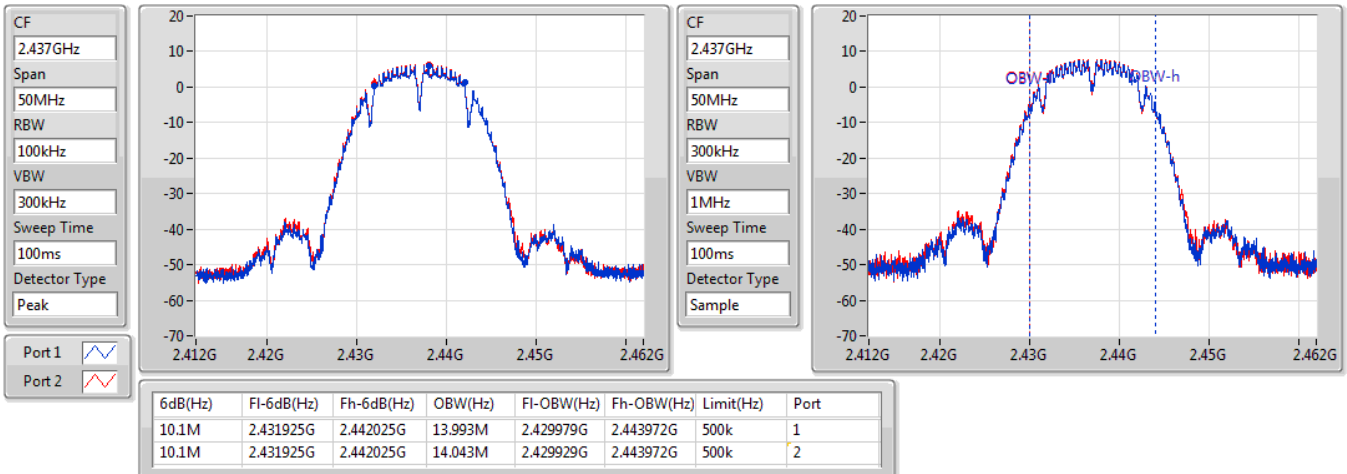
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

27/08/2021

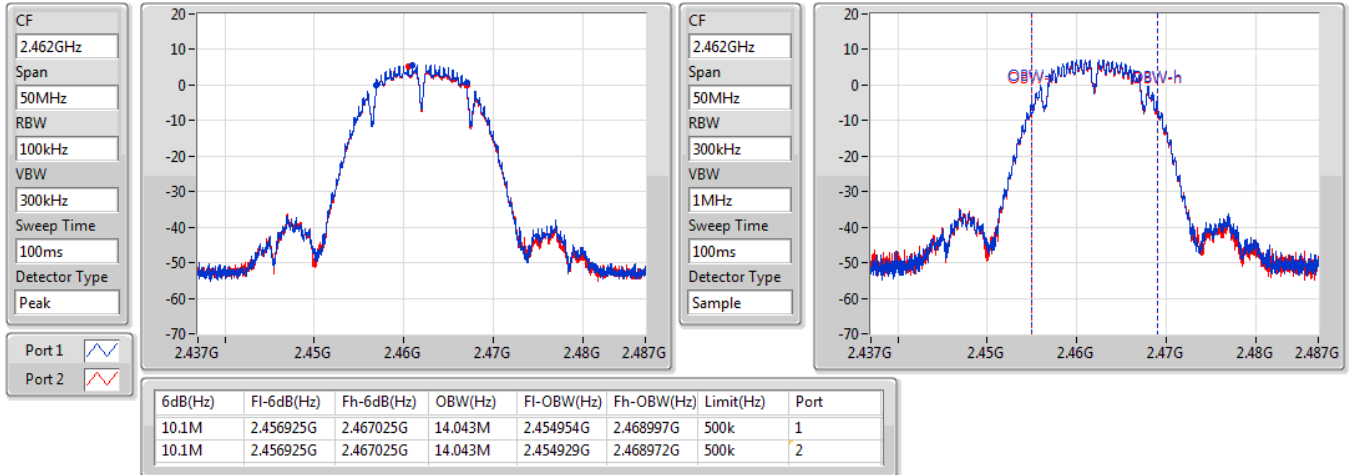

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

27/08/2021

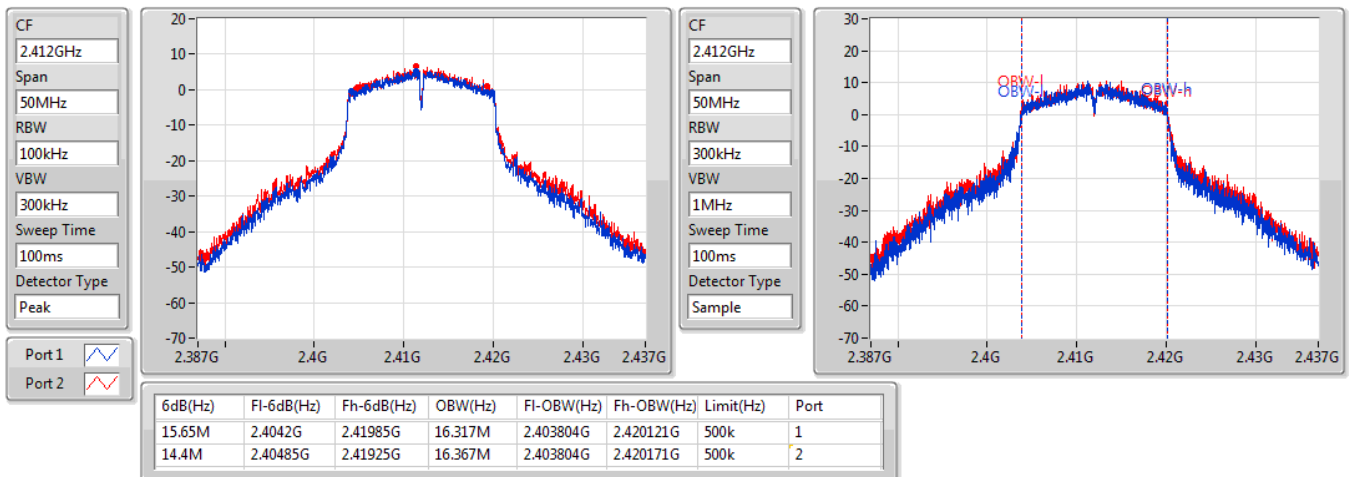


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

27/08/2021

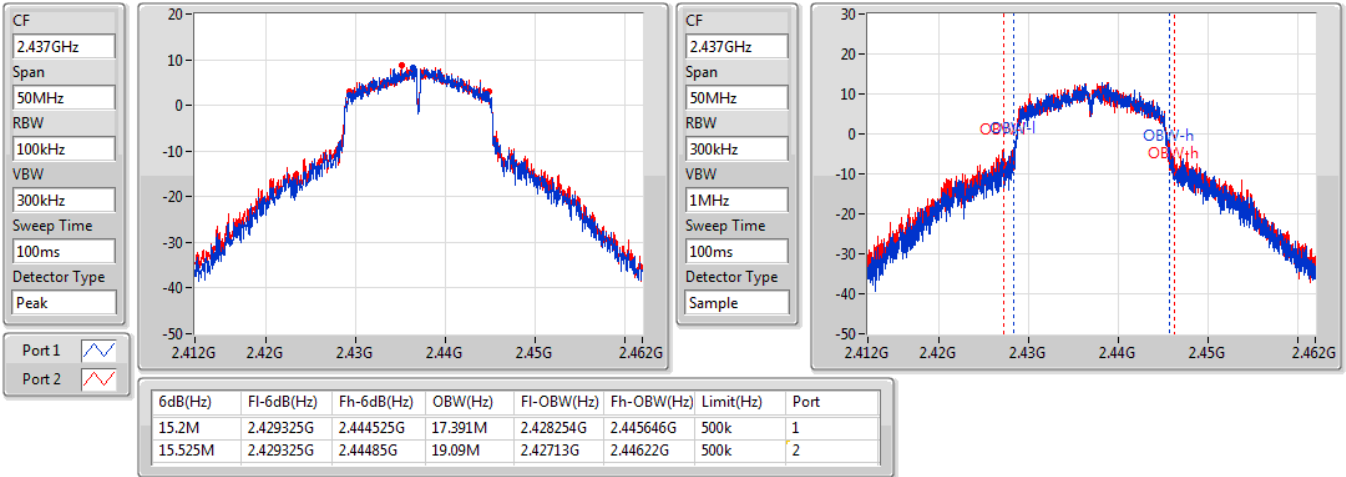

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

27/08/2021

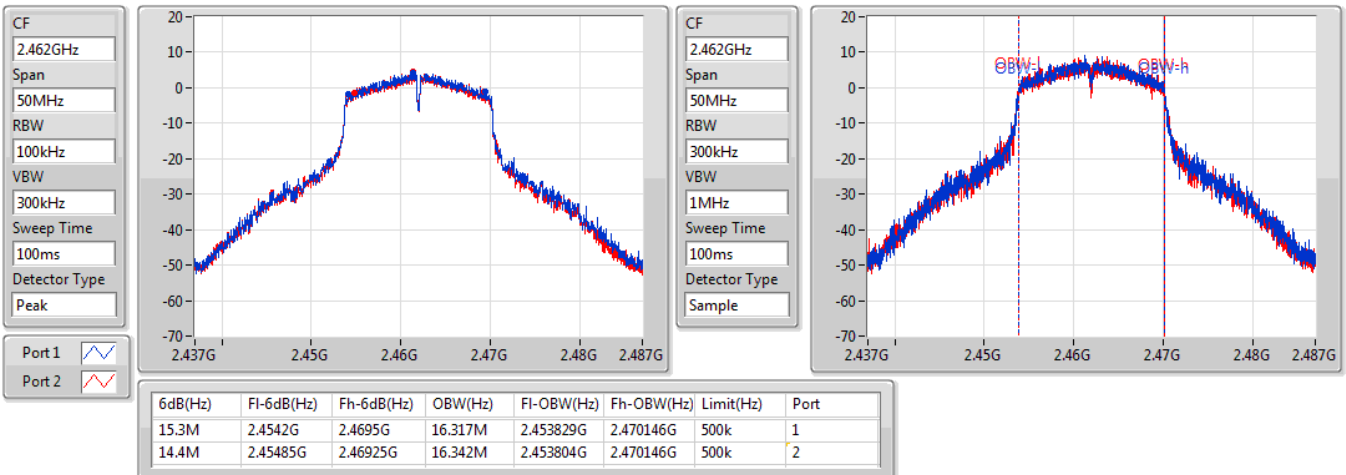


802.11g_Nss1,(6Mbps)_2TX
2437MHz

27/08/2021

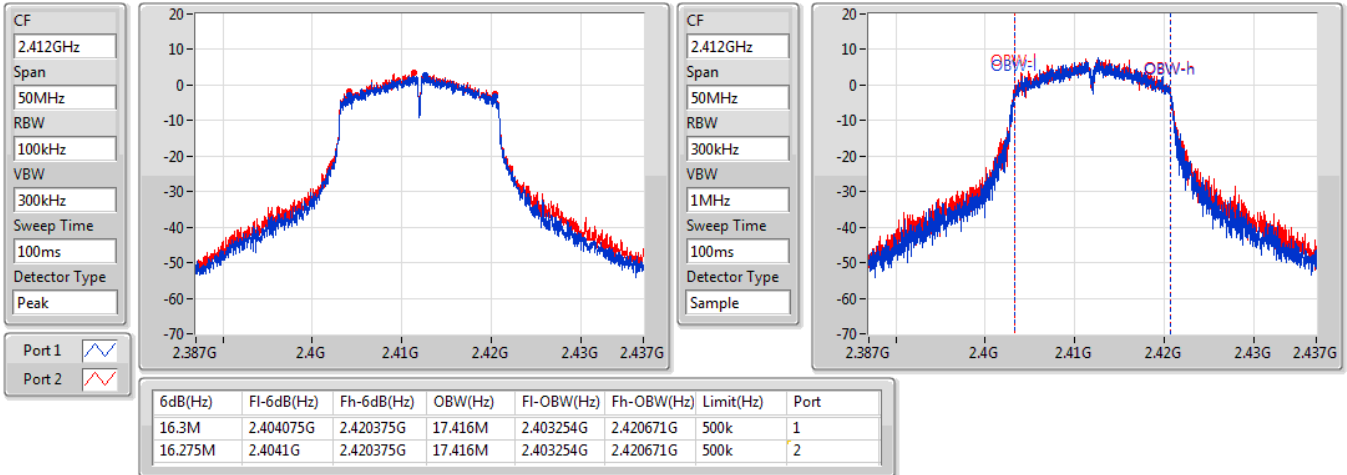

802.11g_Nss1,(6Mbps)_2TX
2462MHz

27/08/2021

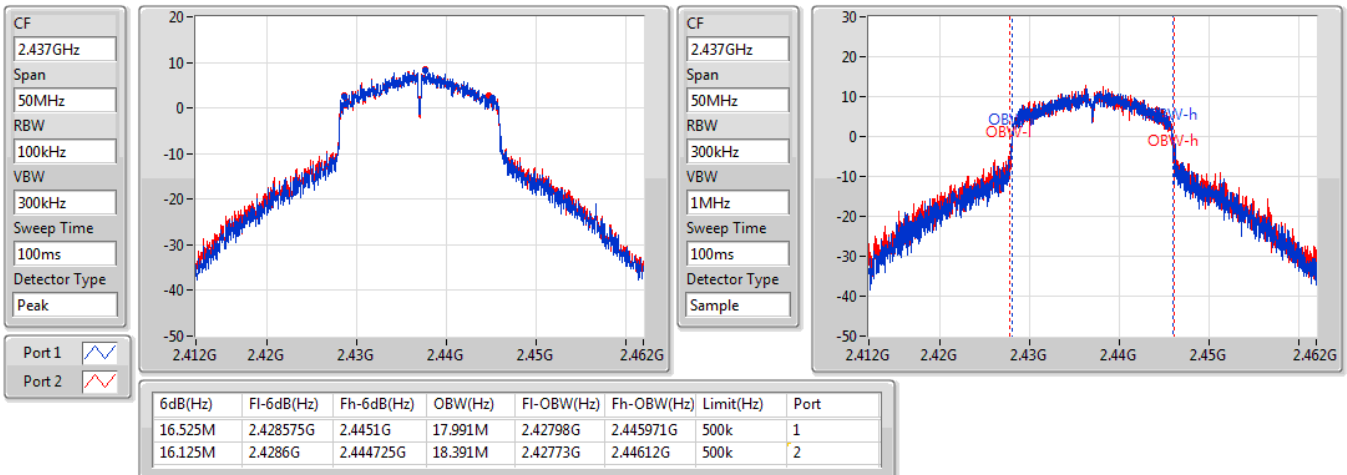


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

27/08/2021

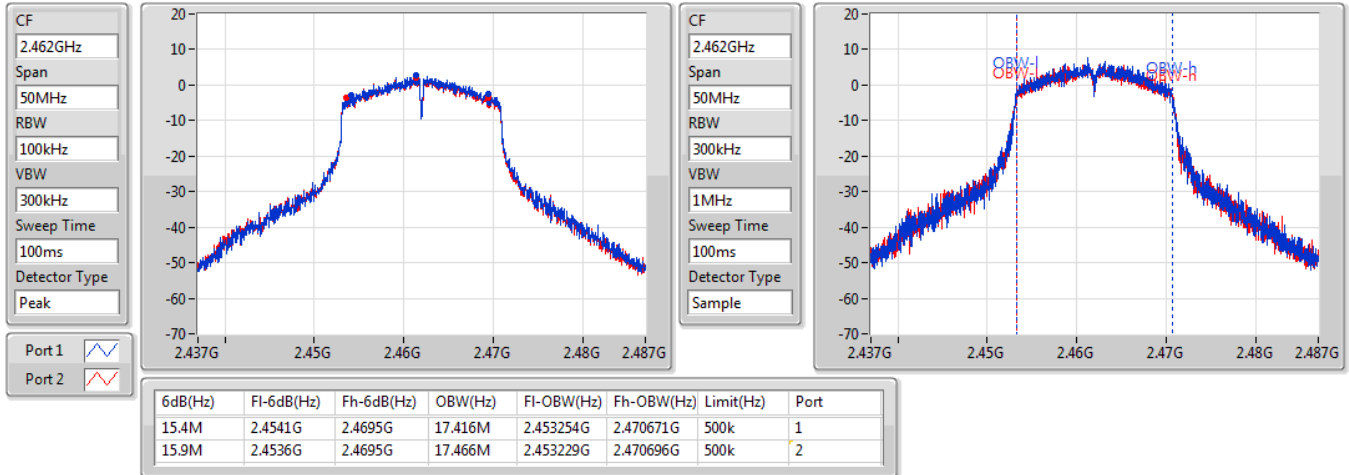

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

27/08/2021

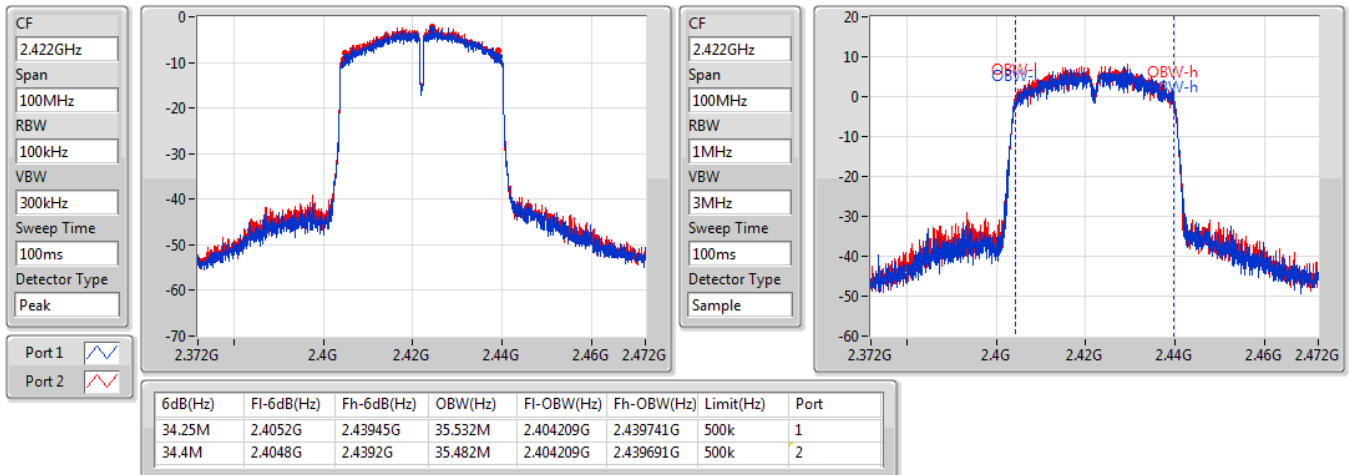


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

27/08/2021

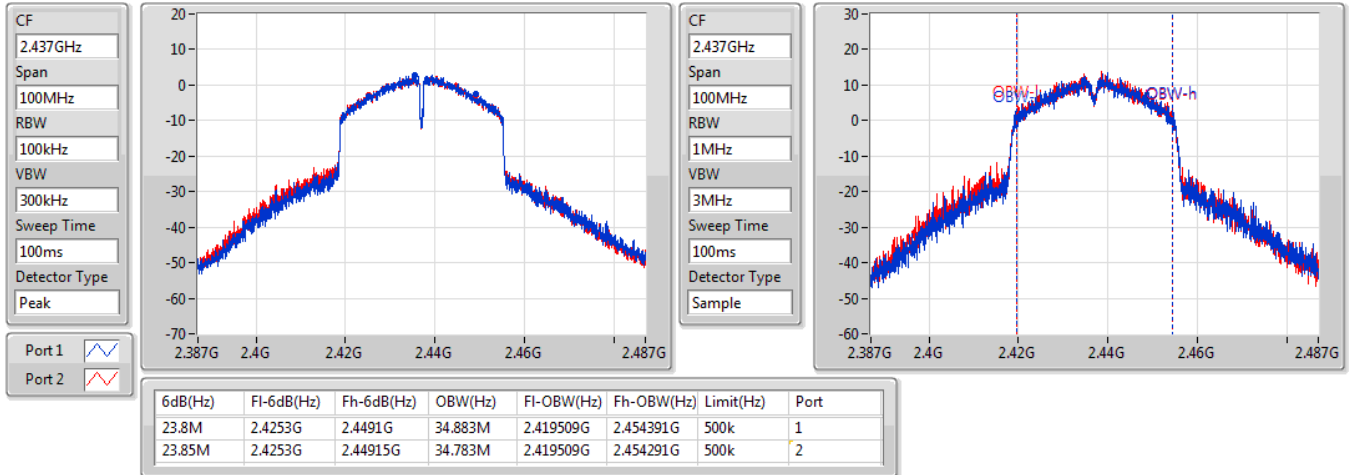

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

19/08/2021

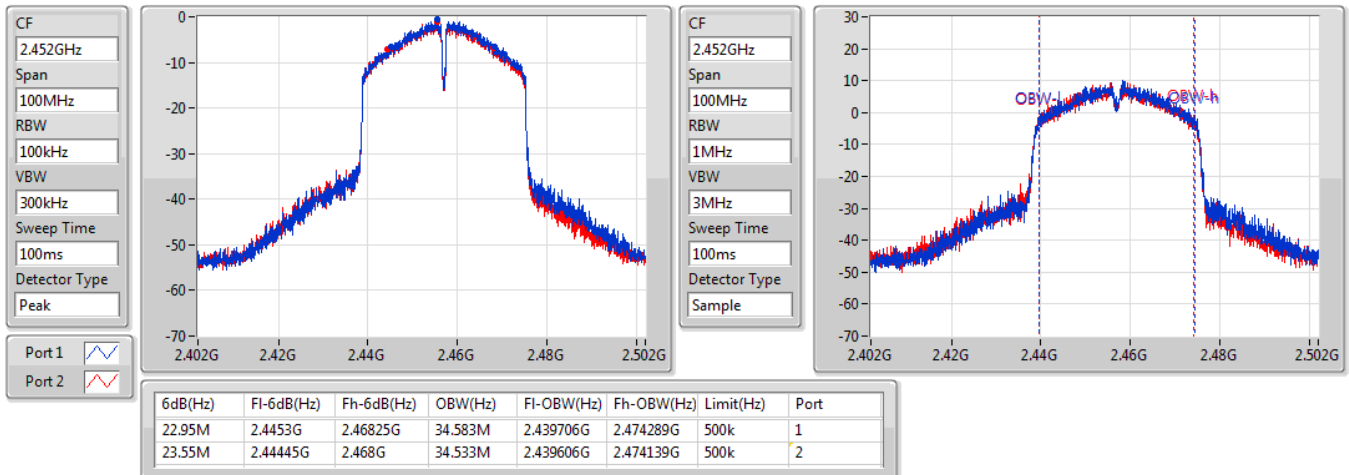


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

27/08/2021


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

27/08/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	20.96	0.12474
802.11g_Nss1,(6Mbps)_2TX	24.28	0.26792
802.11n HT20_Nss1,(MCS0)_2TX	23.94	0.24774
802.11n HT40_Nss1,(MCS0)_2TX	21.00	0.12589



Average Power_Non Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.50	17.67	18.21	20.96	30.00
2437MHz	Pass	5.50	16.85	17.21	20.04	30.00
2457MHz	Pass	5.50	16.78	16.52	19.66	30.00
2462MHz	Pass	5.50	16.43	16.28	19.37	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.50	18.47	18.97	21.74	30.00
2417MHz	Pass	5.50	19.87	20.22	23.06	30.00
2437MHz	Pass	5.50	21.20	21.33	24.28	30.00
2457MHz	Pass	5.50	18.82	18.64	21.74	30.00
2462MHz	Pass	5.50	17.07	16.86	19.98	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.50	15.74	16.36	19.07	30.00
2417MHz	Pass	5.50	19.71	20.08	22.91	30.00
2437MHz	Pass	5.50	20.87	20.99	23.94	30.00
2457MHz	Pass	5.50	18.63	18.50	21.58	30.00
2462MHz	Pass	5.50	15.48	15.23	18.37	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.50	13.66	14.36	17.03	30.00
2427MHz	Pass	5.50	15.25	15.69	18.49	30.00
2437MHz	Pass	5.50	17.95	18.02	21.00	30.00
2447MHz	Pass	5.50	15.53	15.39	18.47	30.00
2452MHz	Pass	5.50	14.28	14.10	17.20	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11n HT20-BF_Nss1,(MCS0)_2TX	23.94	0.24774
802.11n HT40-BF_Nss1,(MCS0)_2TX	21.00	0.12589

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11n HT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.51	15.74	16.36	19.07	27.49
2417MHz	Pass	8.51	19.71	20.08	22.91	27.49
2437MHz	Pass	8.51	20.87	20.99	23.94	27.49
2457MHz	Pass	8.51	18.63	18.50	21.58	27.49
2462MHz	Pass	8.51	15.48	15.23	18.37	27.49
802.11n HT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.51	13.66	14.36	17.03	27.49
2427MHz	Pass	8.51	15.25	15.69	18.49	27.49
2437MHz	Pass	8.51	17.95	18.02	21.00	27.49
2447MHz	Pass	8.51	15.53	15.39	18.47	27.49
2452MHz	Pass	8.51	14.28	14.10	17.20	27.49

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-10.67
802.11g_Nss1,(6Mbps)_2TX	-4.01
802.11n HT20_Nss1,(MCS0)_2TX	-3.79
802.11n HT40_Nss1,(MCS0)_2TX	-7.18

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.51	-13.95	-13.27	-10.67	5.49
2437MHz	Pass	8.51	-14.72	-14.33	-11.52	5.49
2462MHz	Pass	8.51	-15.14	-15.27	-12.21	5.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.51	-9.46	-8.77	-6.36	5.49
2437MHz	Pass	8.51	-6.58	-6.46	-4.01	5.49
2462MHz	Pass	8.51	-10.75	-10.96	-8.23	5.49
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.51	-11.90	-11.38	-8.64	5.49
2437MHz	Pass	8.51	-6.63	-6.79	-3.79	5.49
2462MHz	Pass	8.51	-12.53	-12.45	-9.48	5.49
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.51	-15.83	-15.62	-13.16	5.49
2437MHz	Pass	8.51	-9.46	-9.62	-7.18	5.49
2452MHz	Pass	8.51	-12.82	-13.54	-10.40	5.49

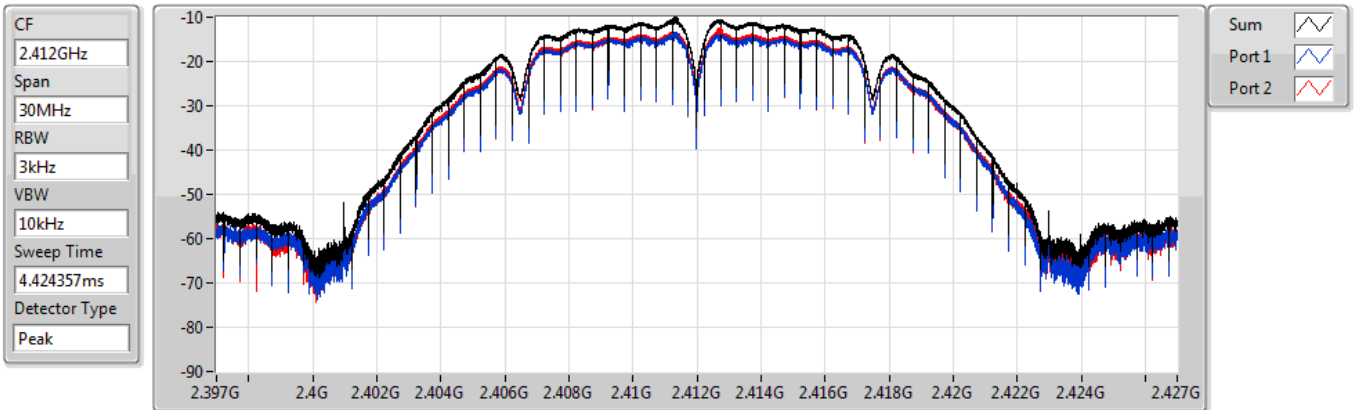
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

27/08/2021

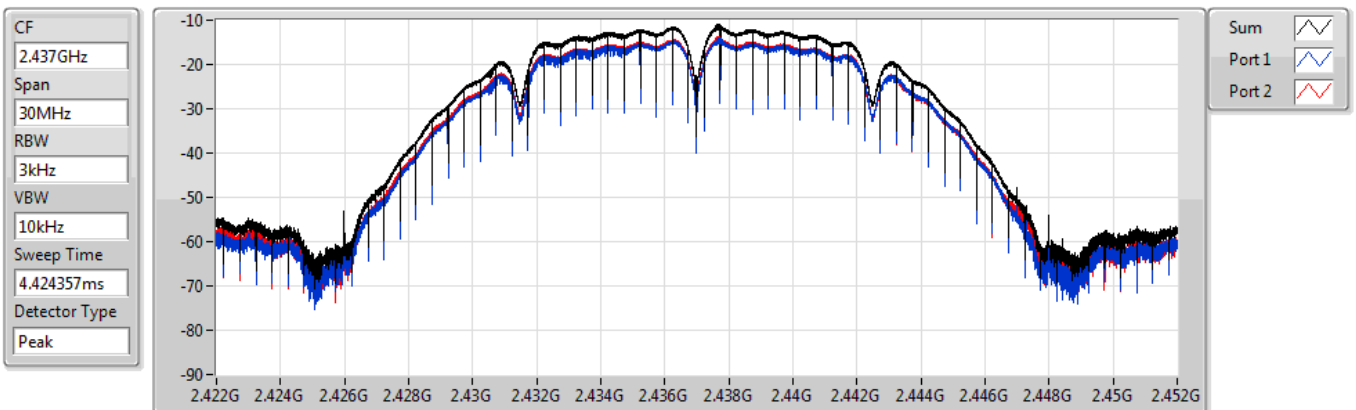


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

27/08/2021

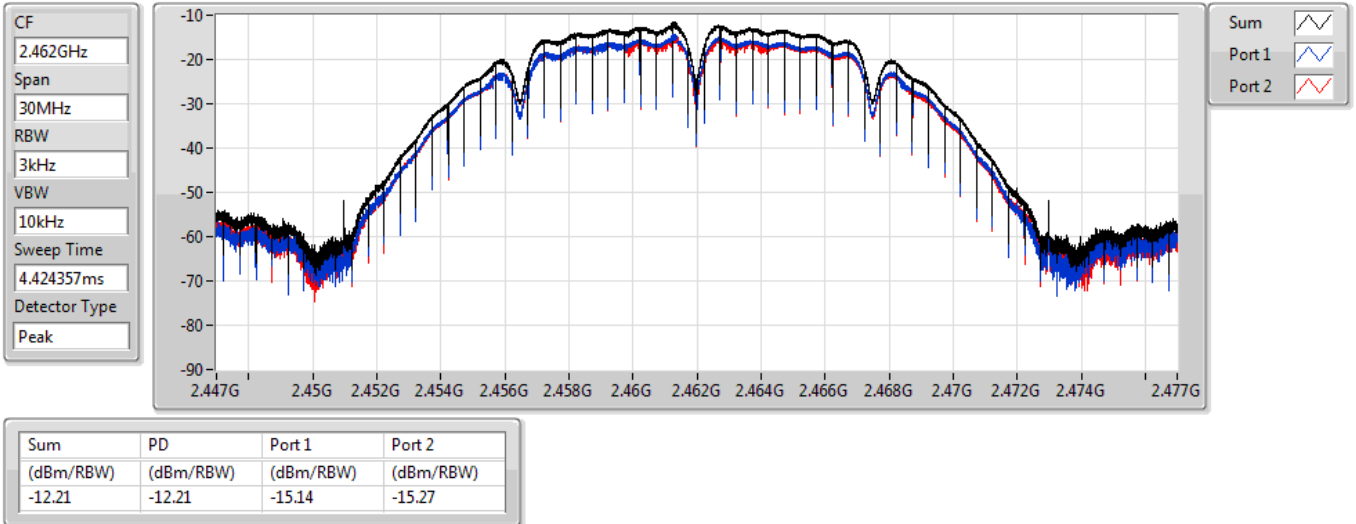


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

27/08/2021

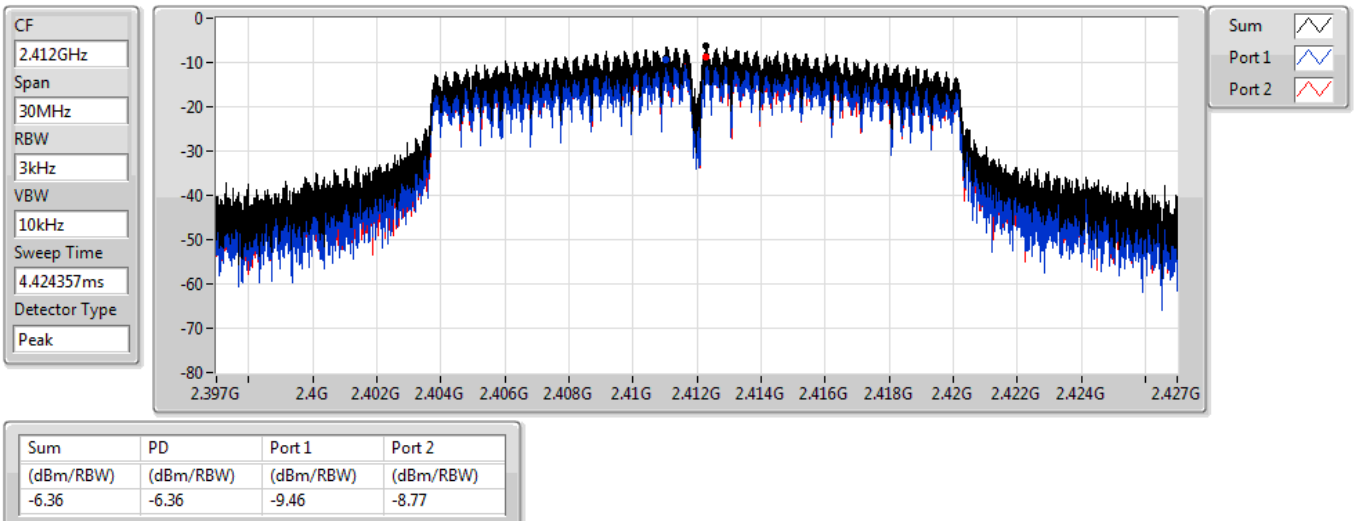


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

27/08/2021

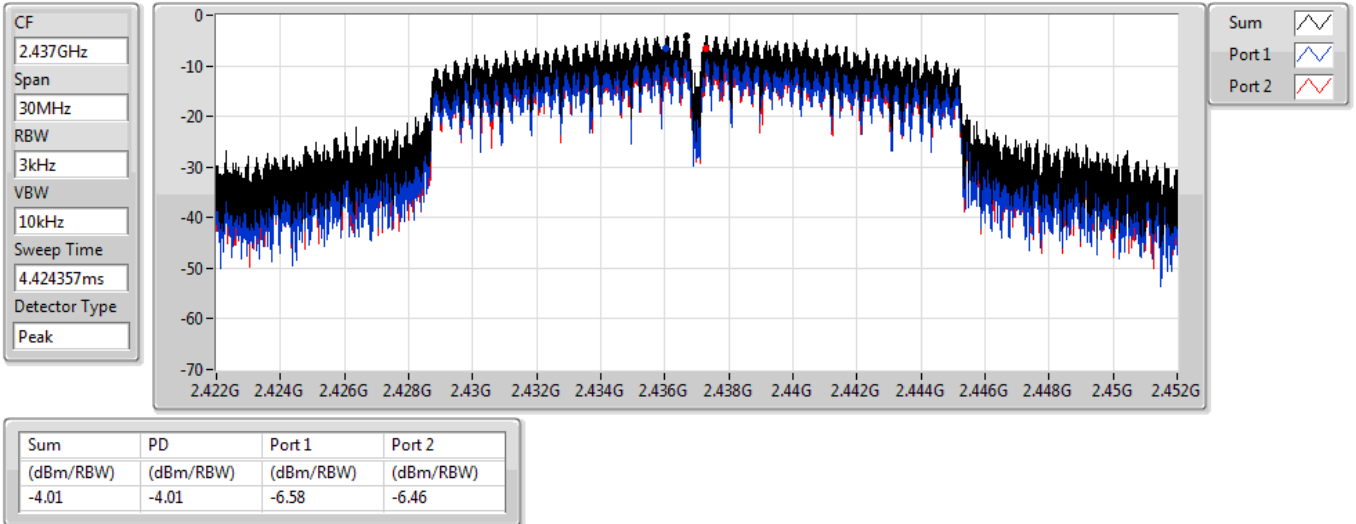


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

27/08/2021

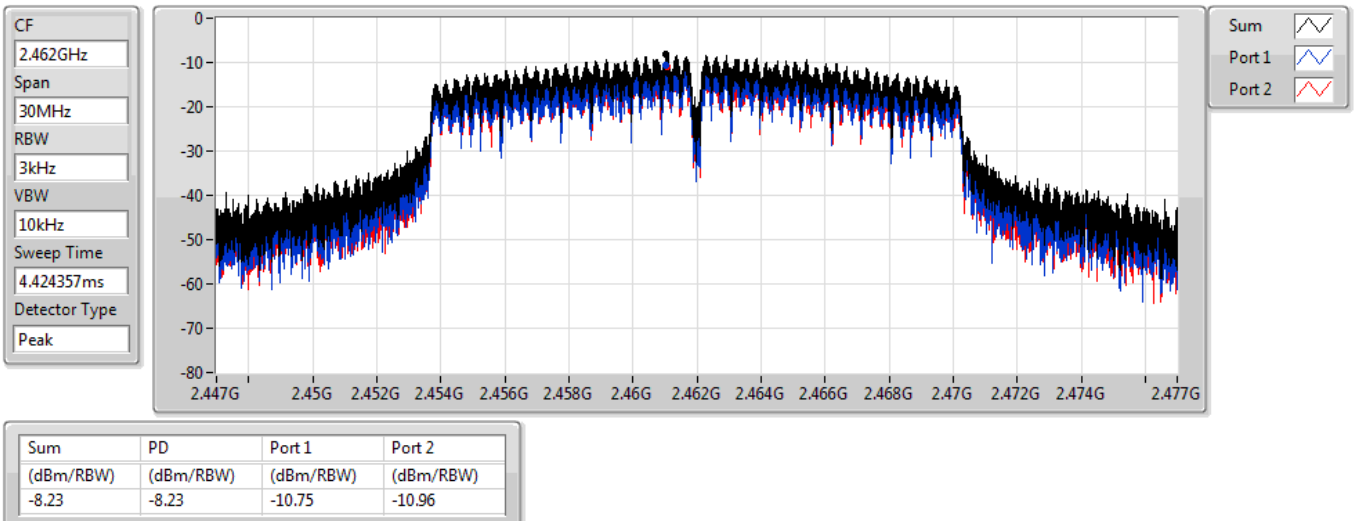


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

27/08/2021

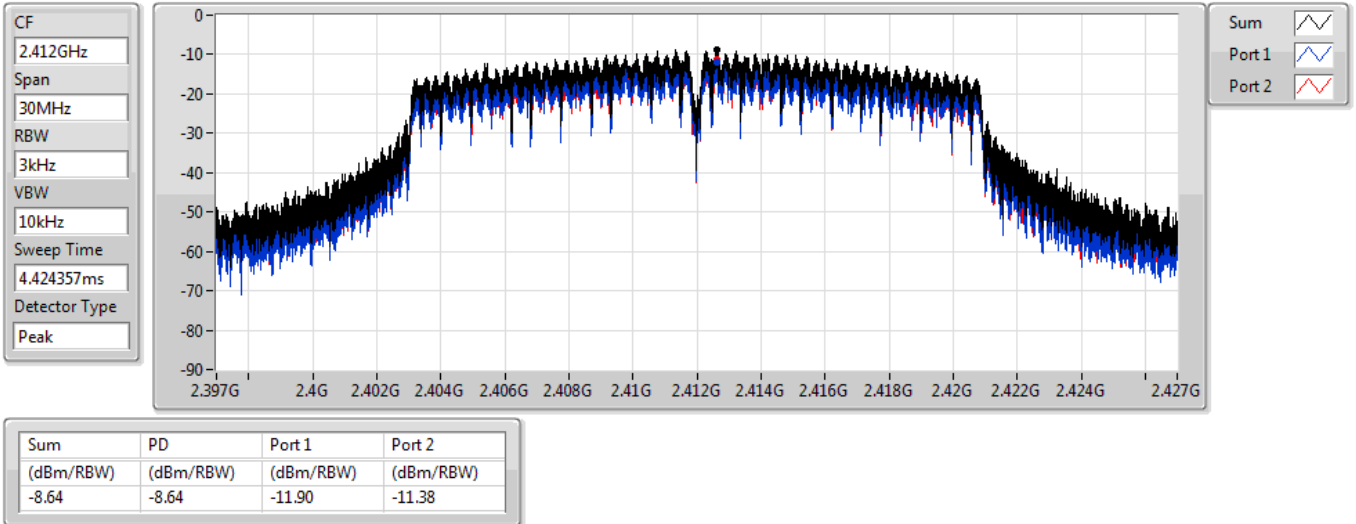


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

27/08/2021

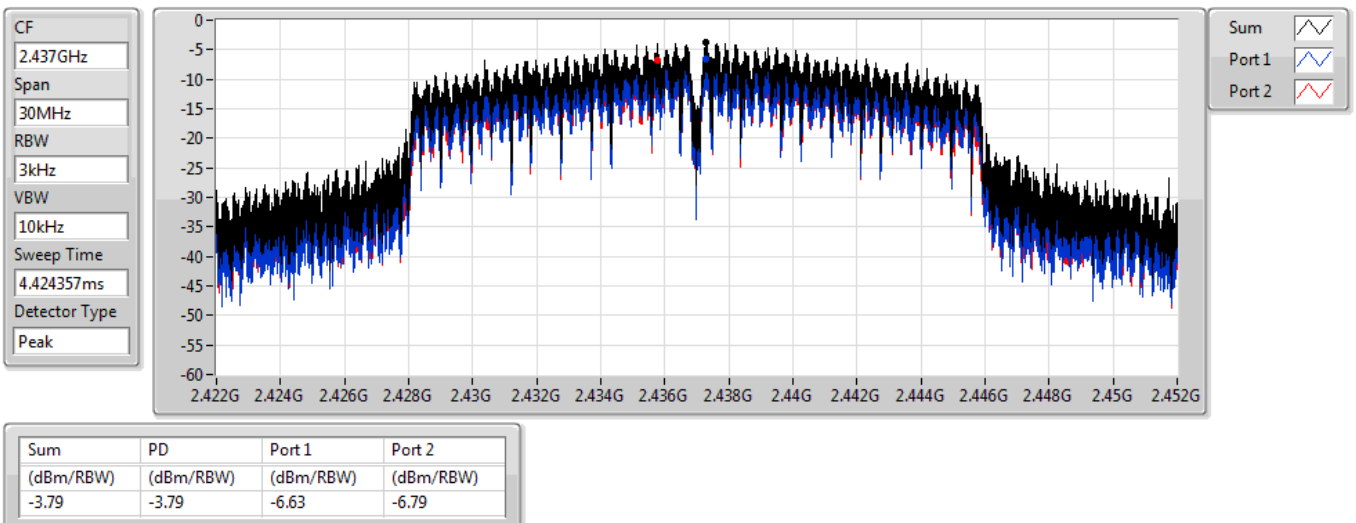


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

27/08/2021

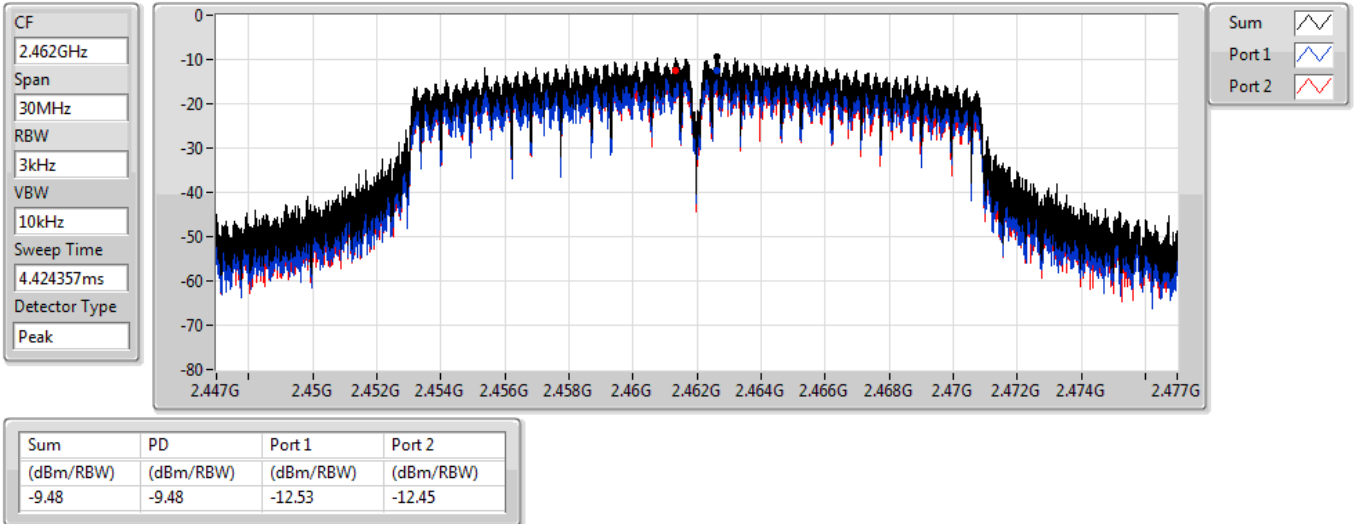


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

27/08/2021

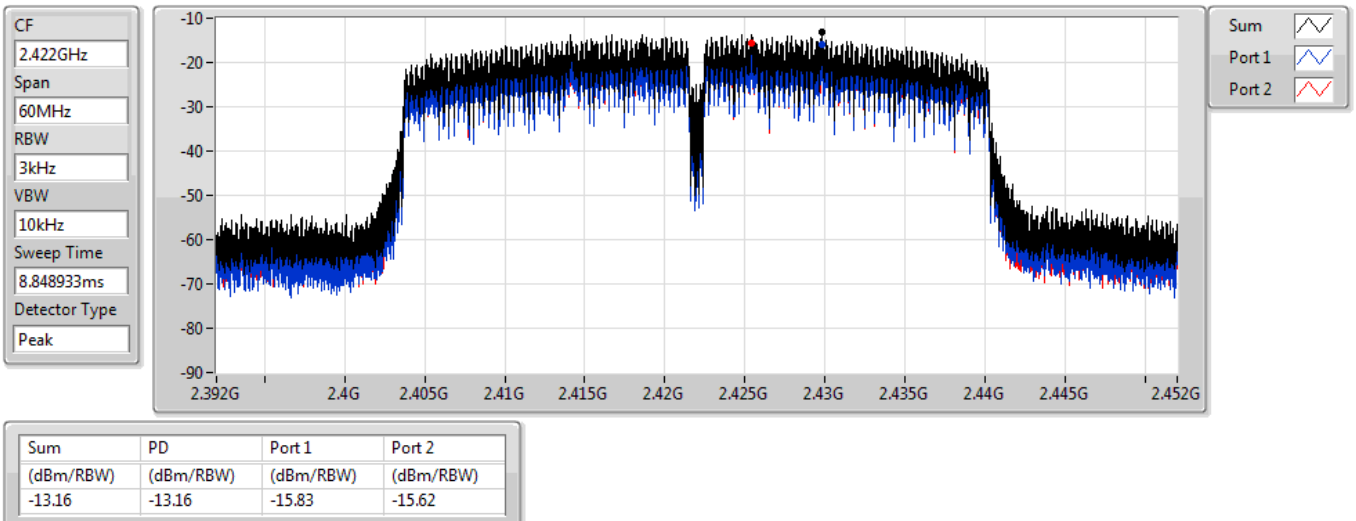


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

19/08/2021

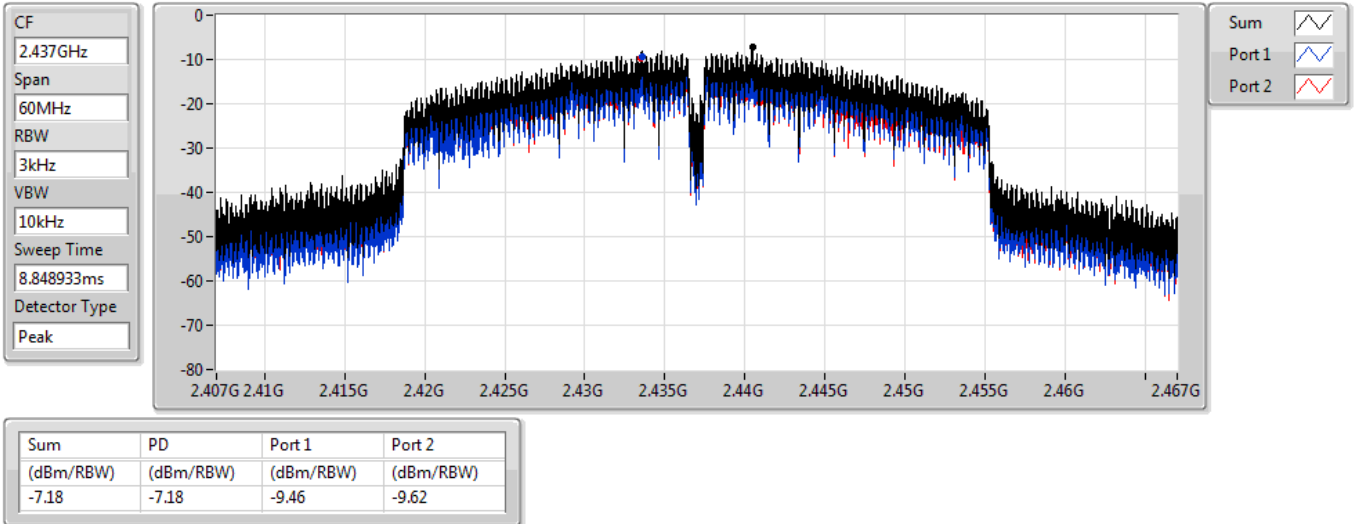


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

27/08/2021

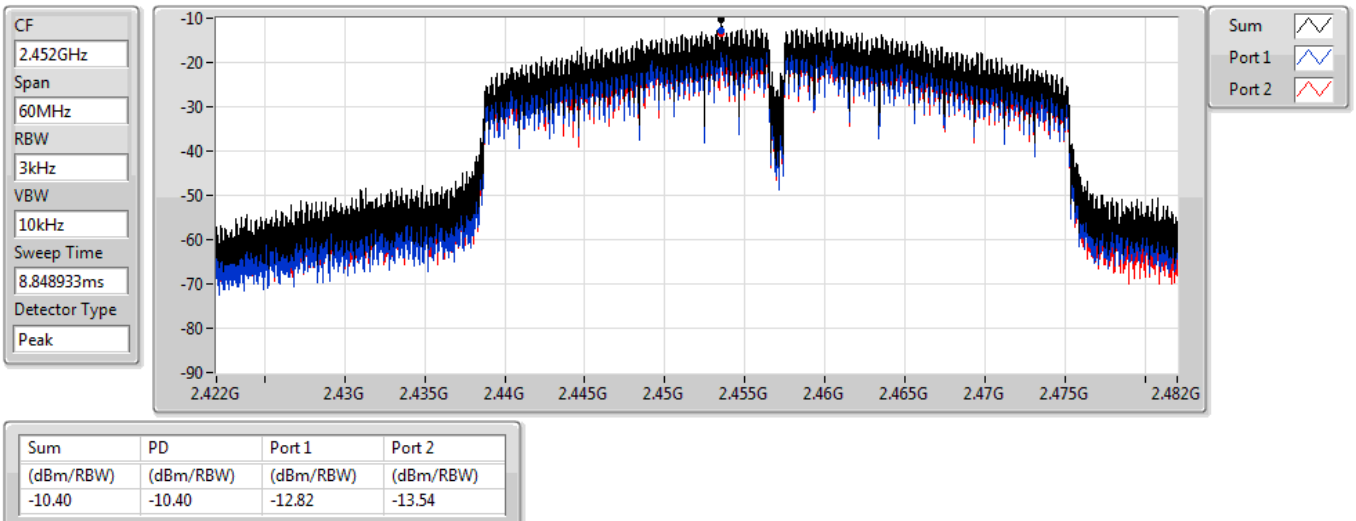


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

27/08/2021





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	6.88	-23.12	2.30583G	-52.99	2.397G	-37.37	2.4G	-49.16	2.50578G	-49.64	24.93819G	-41.24	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43511G	8.82	-21.18	2.30262G	-53.05	2.3992G	-22.12	2.4G	-23.59	2.51502G	-49.69	24.90728G	-43.23	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43762G	8.25	-21.75	2.30059G	-53.38	2.39986G	-29.05	2.4G	-31.25	2.49824G	-50.46	14.46976G	-43.28	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43549G	2.83	-27.17	2.30626G	-53.29	2.39852G	-35.67	2.4G	-36.90	2.48418G	-45.35	17.55669G	-42.77	2

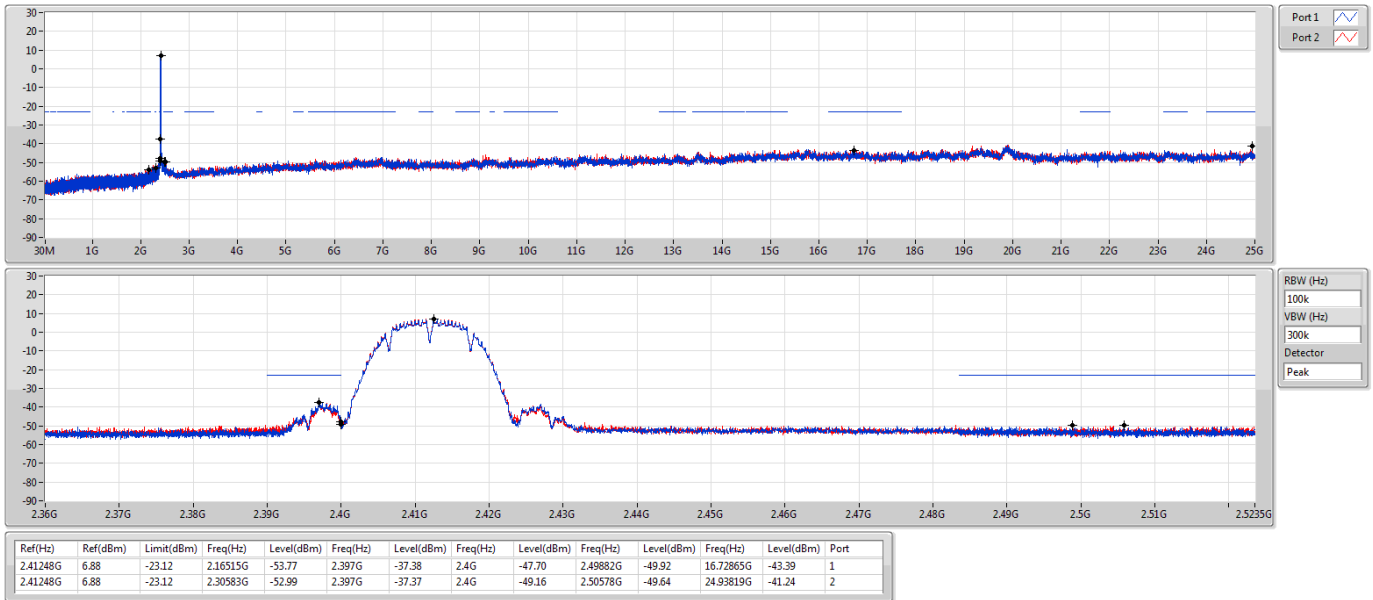
Result

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	2.41248G	6.88	-23.12	2.16515G	-53.77	2.397G	-37.38	2.4G	-47.70	2.49882G	-49.92	16.72865G	-43.39	1
2412MHz	Pass	2.41248G	6.88	-23.12	2.30583G	-52.99	2.397G	-37.37	2.4G	-49.16	2.50578G	-49.64	24.93819G	-41.24	2
2437MHz	Pass	2.41248G	6.88	-23.12	2.30845G	-53.82	2.3932G	-51.29	2.4G	-53.49	2.513G	-49.97	23.2075G	-42.87	1
2437MHz	Pass	2.41248G	6.88	-23.12	2.11215G	-54.33	2.39152G	-50.06	2.4835G	-52.98	2.50454G	-49.39	16.70055G	-43.11	2
2462MHz	Pass	2.41248G	6.88	-23.12	2.30874G	-52.76	2.39846G	-51.46	2.4835G	-52.60	2.48866G	-49.27	13.49765G	-43.17	1
2462MHz	Pass	2.41248G	6.88	-23.12	2.30175G	-53.46	2.39682G	-50.51	2.4835G	-53.28	2.49108G	-49.95	24.60947G	-42.68	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43511G	8.82	-21.18	2.30525G	-53.26	2.39986G	-24.17	2.4G	-24.06	2.51574G	-50.27	24.27232G	-43.25	1
2412MHz	Pass	2.43511G	8.82	-21.18	2.30262G	-53.05	2.3992G	-22.12	2.4G	-23.59	2.51502G	-49.69	24.90728G	-43.23	2
2437MHz	Pass	2.43511G	8.82	-21.18	2.30408G	-52.71	2.39968G	-48.52	2.4835G	-50.84	2.48956G	-49.76	16.28474G	-42.02	1
2437MHz	Pass	2.43511G	8.82	-21.18	2.30787G	-52.12	2.39988G	-47.37	2.4G	-48.07	2.48382G	-48.23	24.66566G	-43.13	2
2462MHz	Pass	2.43511G	8.82	-21.18	2.30321G	-53.98	2.39822G	-51.32	2.4835G	-43.06	2.4835G	-42.13	16.49264G	-42.77	1
2462MHz	Pass	2.43511G	8.82	-21.18	2.30583G	-53.19	2.39858G	-51.55	2.4835G	-45.36	2.48354G	-44.42	16.70055G	-42.76	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43762G	8.25	-21.75	2.30787G	-52.94	2.39984G	-31.02	2.4G	-33.23	2.48516G	-49.66	17.41418G	-42.49	1
2412MHz	Pass	2.43762G	8.25	-21.75	2.30059G	-53.38	2.39986G	-29.05	2.4G	-31.25	2.49824G	-50.46	14.46976G	-43.28	2
2437MHz	Pass	2.43762G	8.25	-21.75	2.30961G	-53.92	2.3997G	-48.67	2.4G	-50.14	2.48514G	-48.29	23.2075G	-43.24	1
2437MHz	Pass	2.43762G	8.25	-21.75	2.30699G	-53.51	2.39956G	-45.62	2.4G	-48.08	2.48616G	-48.35	16.25102G	-43.18	2
2462MHz	Pass	2.43762G	8.25	-21.75	1.9205G	-54.17	2.39984G	-51.54	2.4835G	-47.25	2.48388G	-45.49	23.53622G	-42.77	1
2462MHz	Pass	2.43762G	8.25	-21.75	2.30583G	-53.55	2.39784G	-50.33	2.4835G	-49.26	2.48448G	-44.31	24.93538G	-42.97	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43549G	2.83	-27.17	2.09472G	-54.09	2.3986G	-40.56	2.4G	-43.04	2.49434G	-50.78	14.7942G	-42.88	1
2422MHz	Pass	2.43549G	2.83	-27.17	2.30769G	-53.56	2.39856G	-39.63	2.4G	-41.95	2.5217G	-51.03	16.86677G	-42.18	2
2437MHz	Pass	2.43549G	2.83	-27.17	2.30626G	-52.98	2.3992G	-37.41	2.4G	-39.60	2.48422G	-45.34	16.91725G	-42.00	1
2437MHz	Pass	2.43549G	2.83	-27.17	2.30626G	-53.29	2.39852G	-35.67	2.4G	-36.90	2.48418G	-45.35	17.55669G	-42.77	2
2452MHz	Pass	2.43549G	2.83	-27.17	2.30569G	-51.35	2.39644G	-52.03	2.4835G	-41.05	2.48514G	-40.40	15.041G	-43.05	1
2452MHz	Pass	2.43549G	2.83	-27.17	2.19577G	-53.41	2.39608G	-51.01	2.4835G	-43.56	2.48362G	-42.65	17.58474G	-43.13	2

802.11b_Nss1,(1Mbps)_2TX

CSENdB

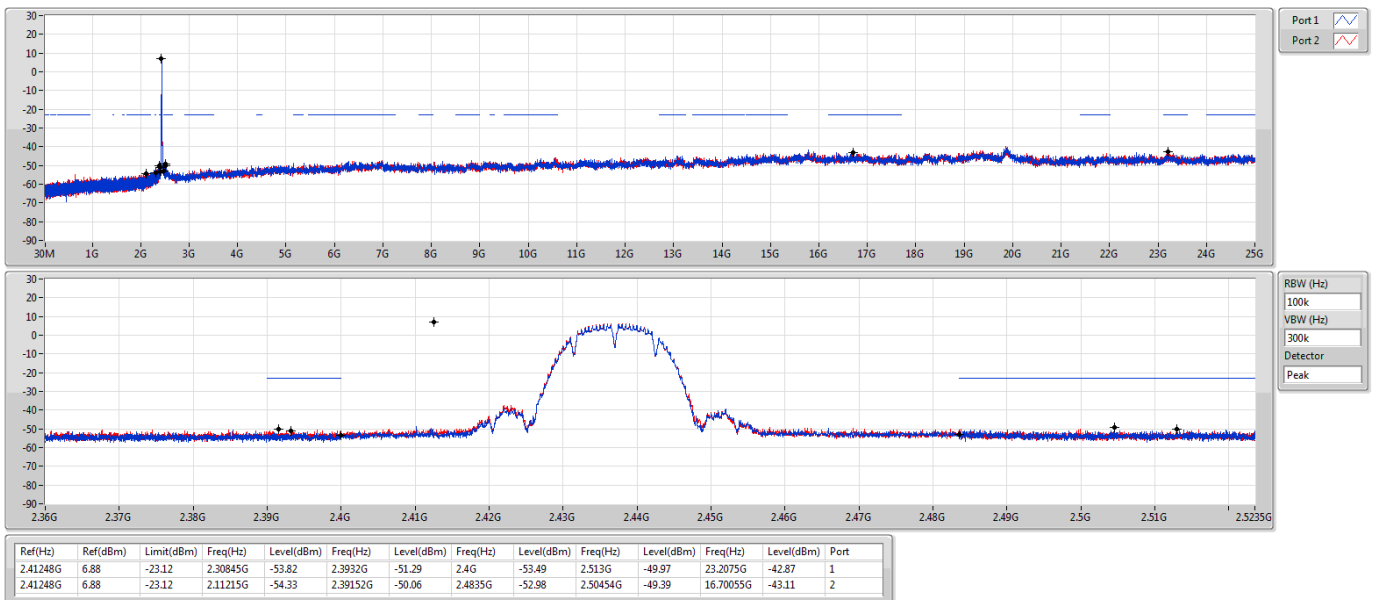
2412MHz



802.11b_Nss1,(1Mbps)_2TX

CSENdB

2437MHz

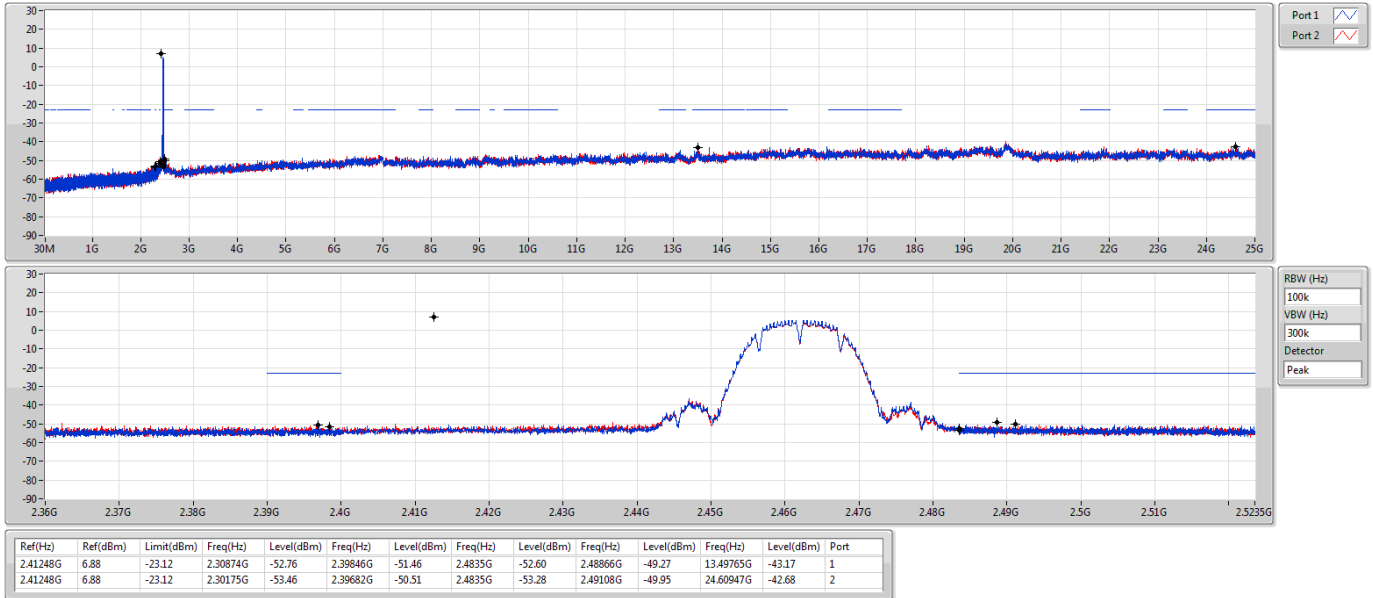


802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

27/08/2021

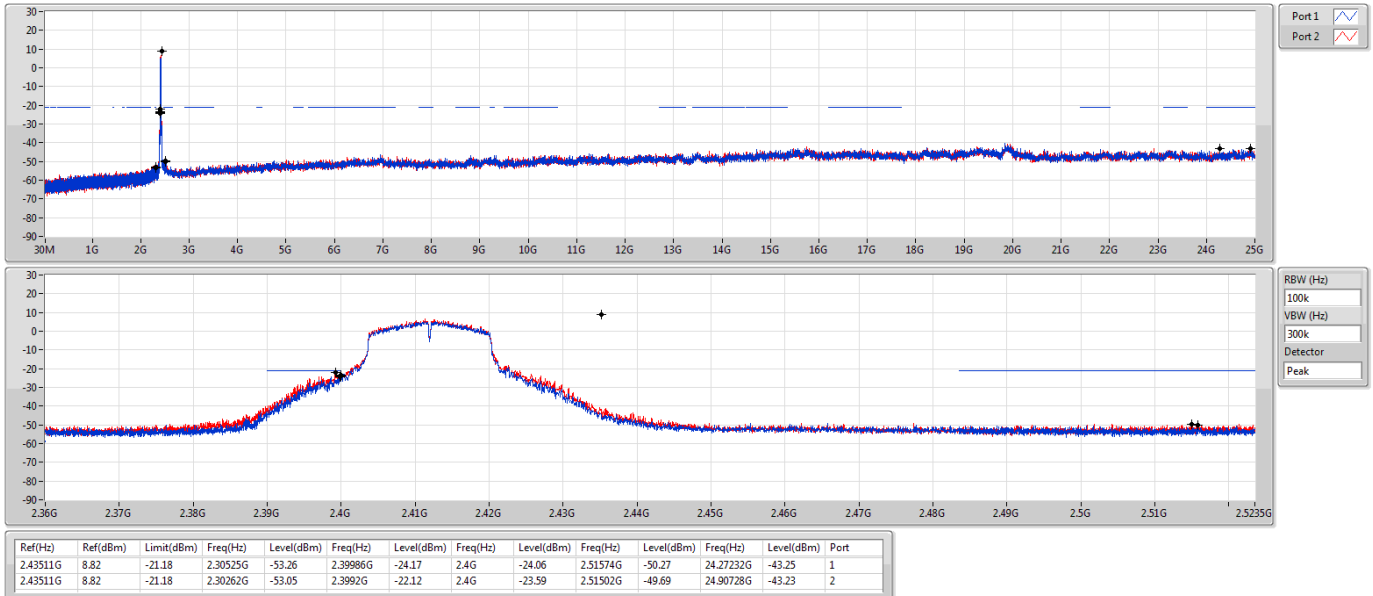


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

27/08/2021

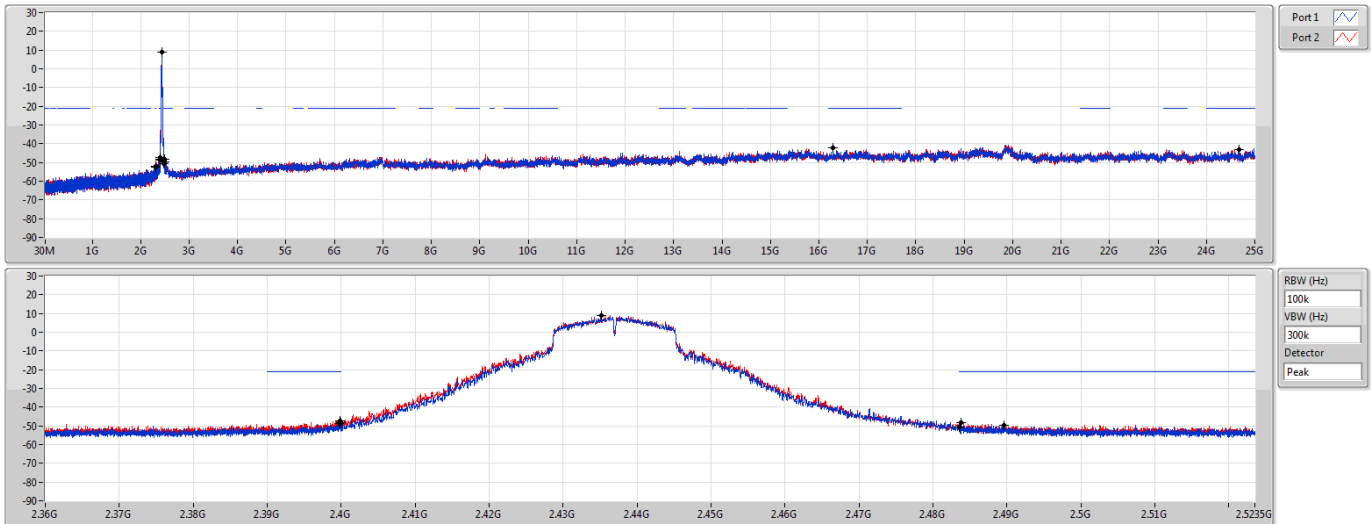


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

27/08/2021



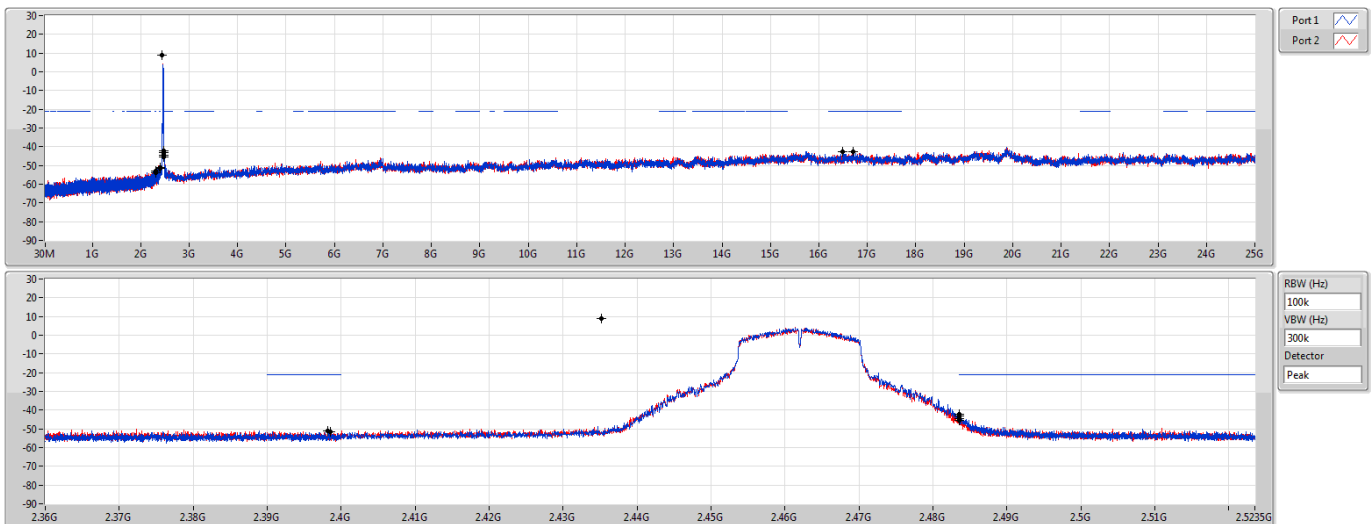
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43511G	8.82	-21.18	2.30408G	-52.71	2.39968G	-48.52	2.4835G	-50.84	2.48956G	-49.76	16.28474G	-42.02	1
2.43511G	8.82	-21.18	2.30787G	-52.12	2.39988G	-47.37	2.4G	-48.07	2.48382G	-48.23	24.66566G	-43.13	2

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

27/08/2021



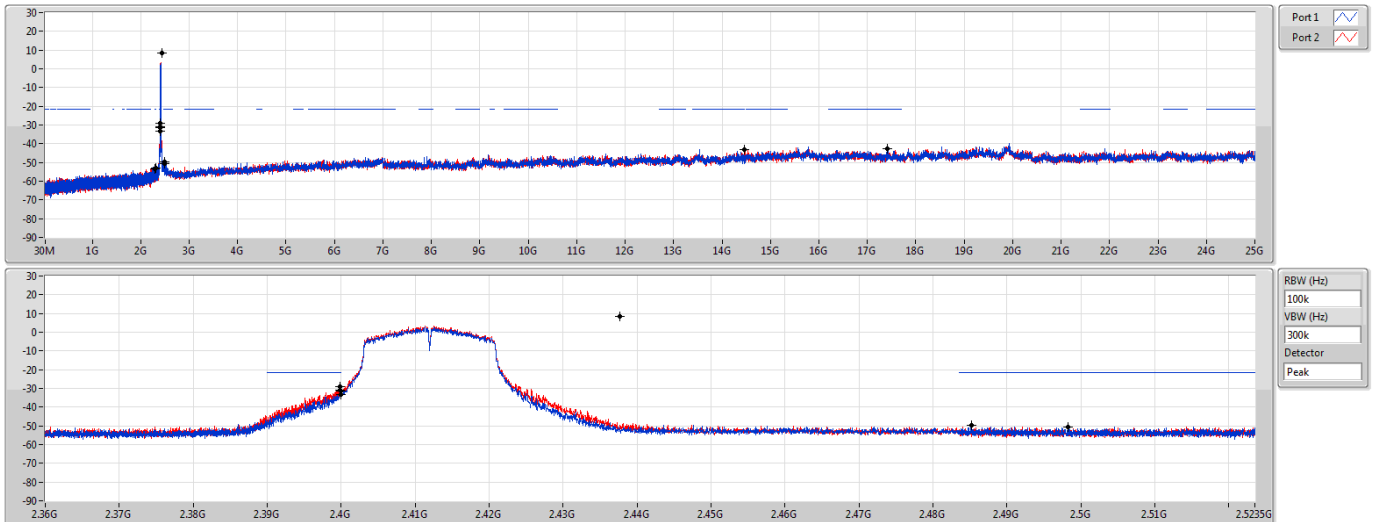
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43511G	8.82	-21.18	2.30321G	-53.98	2.39822G	-51.32	2.4835G	-43.06	2.4835G	-42.13	16.49264G	-42.77	1
2.43511G	8.82	-21.18	2.30583G	-53.19	2.39858G	-51.55	2.4835G	-45.36	2.48354G	-44.42	16.70055G	-42.76	2

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

CSENdB

27/08/2021



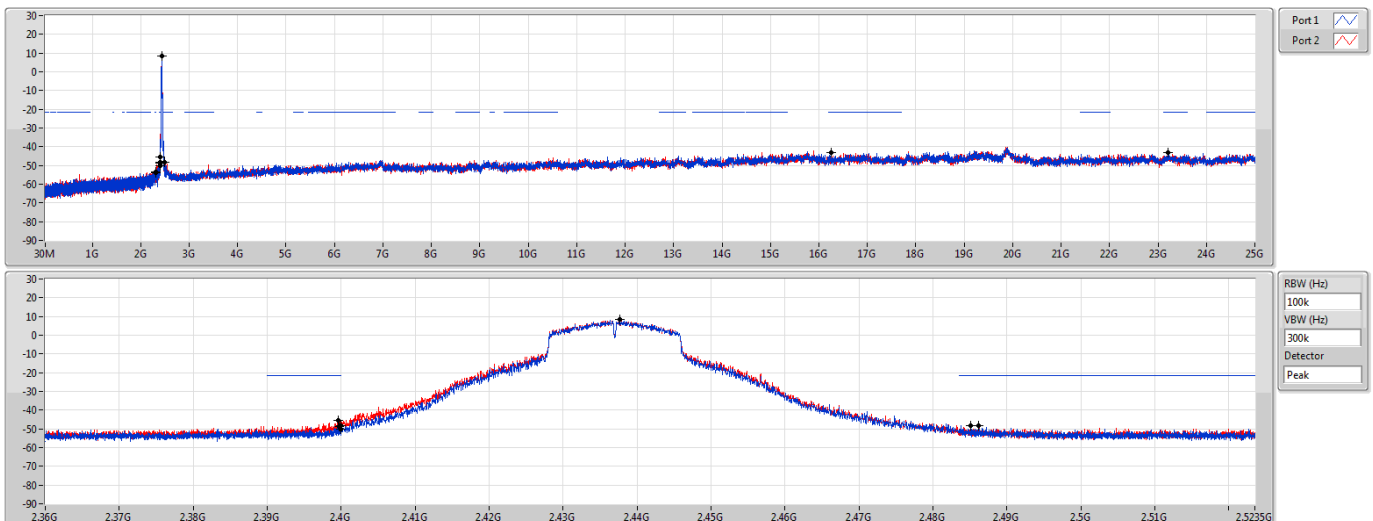
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43762G	8.25	-21.75	2.30787G	-52.94	2.39984G	-31.02	2.4G	-33.23	2.48516G	-49.66	17.41418G	-42.49	1
2.43762G	8.25	-21.75	2.30059G	-53.38	2.39986G	-29.05	2.4G	-31.25	2.49824G	-50.46	14.46976G	-43.28	2

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

27/08/2021



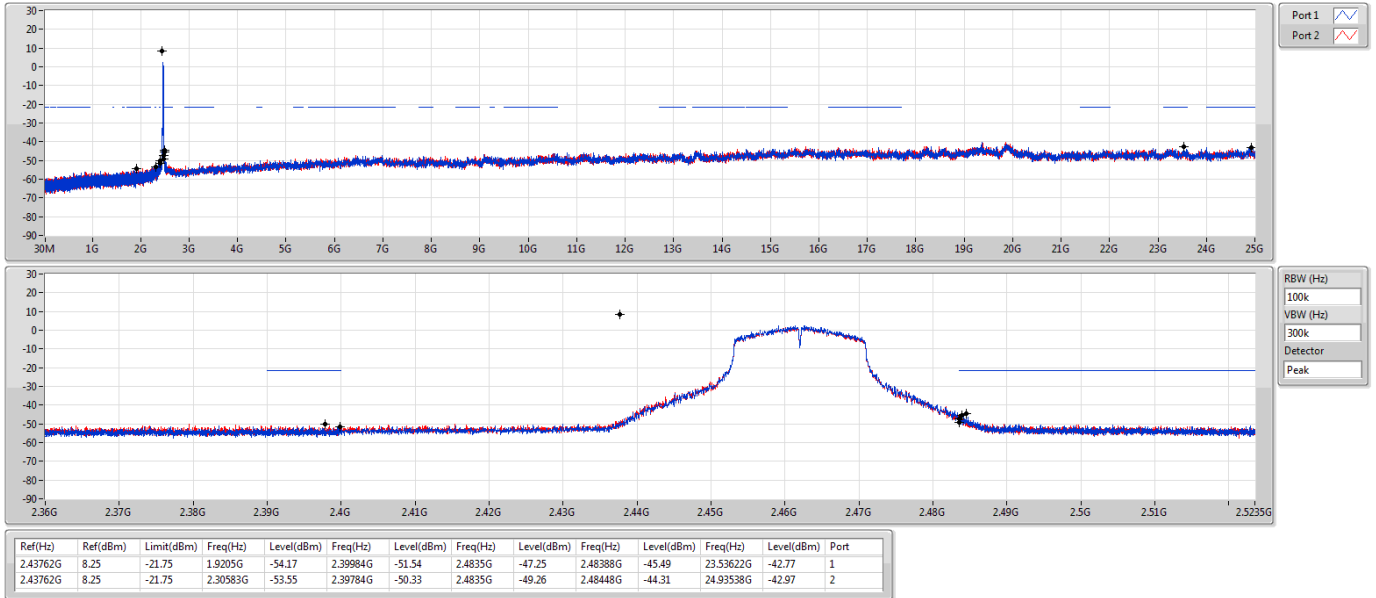
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43762G	8.25	-21.75	2.30961G	-53.92	2.3997G	-48.67	2.4G	-50.14	2.48514G	-48.29	23.2075G	-43.24	1
2.43762G	8.25	-21.75	2.30699G	-53.51	2.39956G	-45.62	2.4G	-48.08	2.48616G	-48.35	16.25102G	-43.18	2

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

27/08/2021

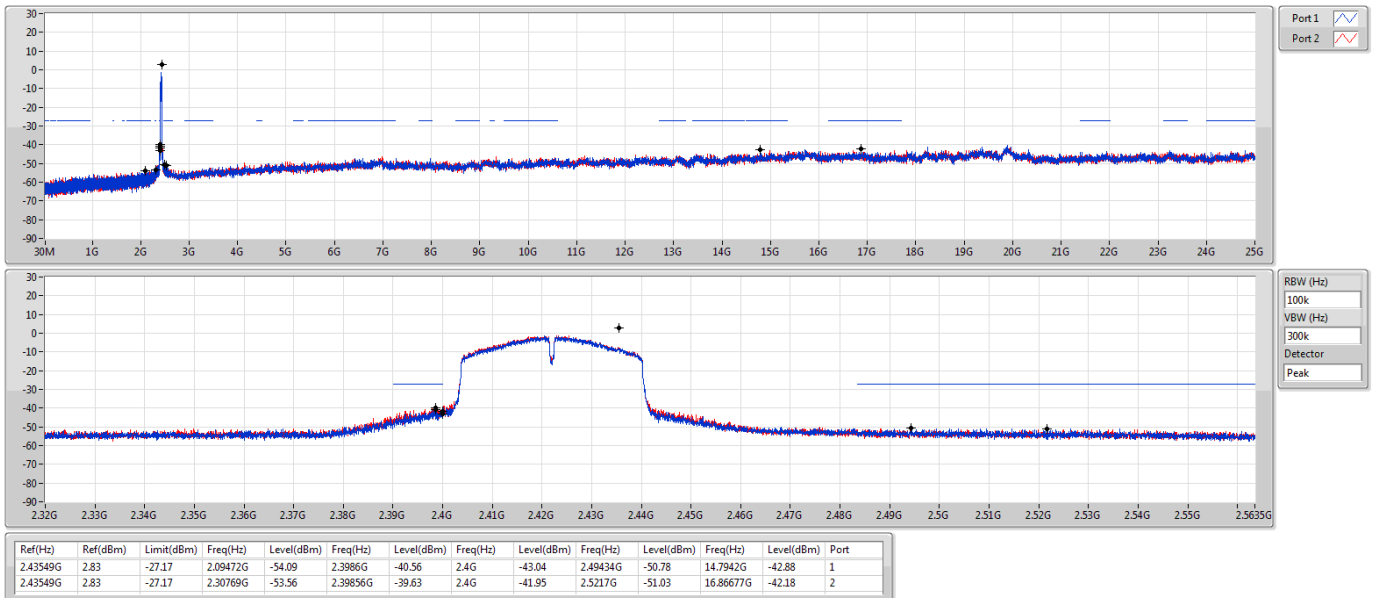


802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

27/08/2021

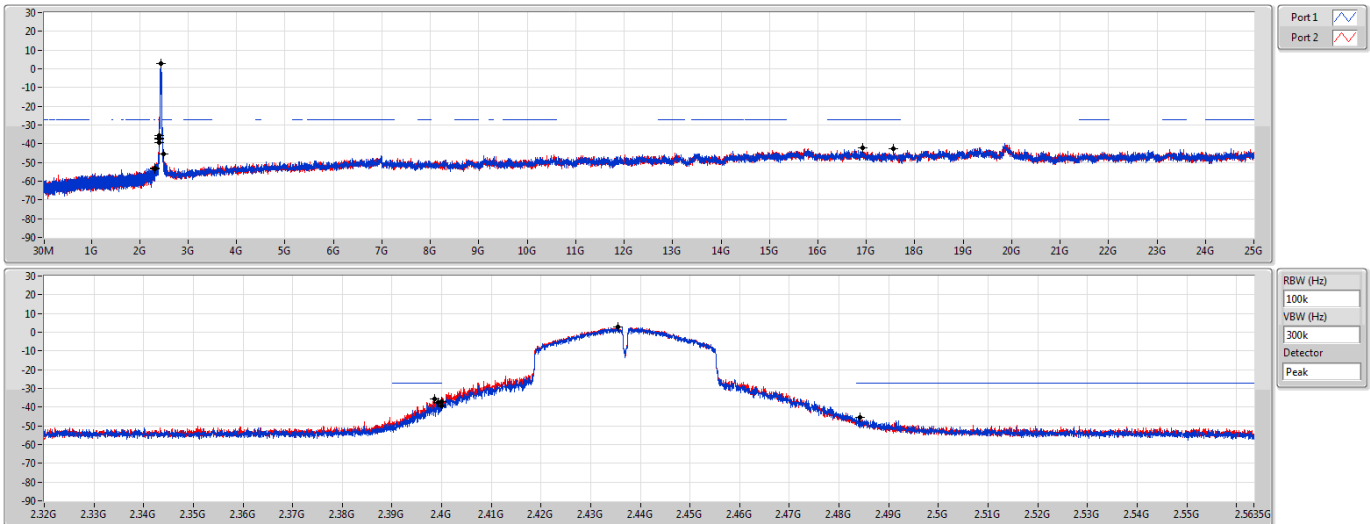


802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

27/08/2021



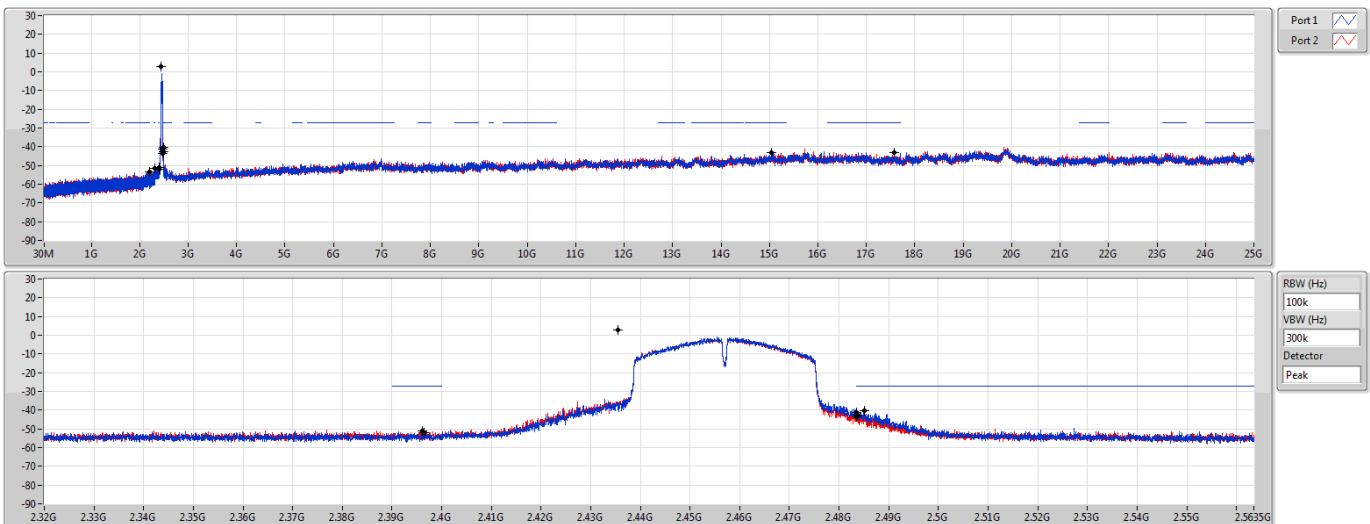
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43549G	2.83	-27.17	2.30626G	-52.98	2.3992G	-37.41	2.4G	-39.60	2.48422G	-45.34	16.91725G	-42.00	1
2.43549G	2.83	-27.17	2.30626G	-53.29	2.39852G	-35.67	2.4G	-36.90	2.48418G	-45.35	17.55669G	-42.77	2

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

27/08/2021



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
2.43549G	2.83	-27.17	2.30569G	-51.35	2.39644G	-52.03	2.4835G	-41.05	2.48514G	-40.40	15.041G	-43.05	1
2.43549G	2.83	-27.17	2.19577G	-53.41	2.39608G	-51.01	2.4835G	-43.56	2.48362G	-42.65	17.58474G	-43.13	2



Summary

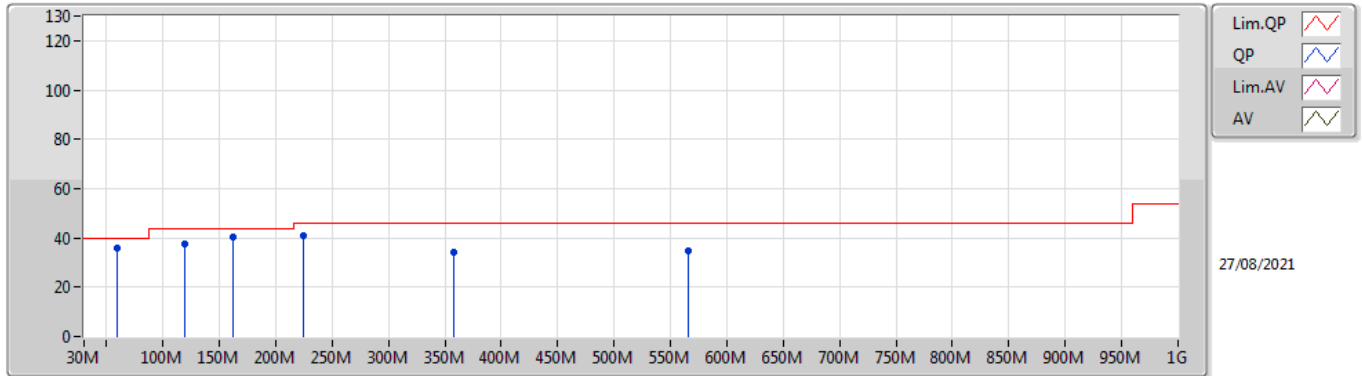
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	224M	44.81	46.00	-1.19	3	Horizontal	187	1.19	-

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	59.1M	36.12	40.00	-3.88	3	Vertical	360	1.00	-
2437MHz	Pass	PK	119.24M	37.78	43.50	-5.72	3	Vertical	360	1.00	-
2437MHz	Pass	PK	161.92M	40.31	43.50	-3.19	3	Vertical	360	1.00	-
2437MHz	Pass	PK	224M	41.07	46.00	-4.93	3	Vertical	360	1.00	-
2437MHz	Pass	PK	357.86M	34.08	46.00	-11.92	3	Vertical	360	1.00	-
2437MHz	Pass	PK	565.44M	35.01	46.00	-10.99	3	Vertical	360	1.00	-
2437MHz	Pass	PK	163.86M	37.03	43.50	-6.47	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	352.04M	38.80	46.00	-7.20	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	520.82M	29.98	46.00	-16.02	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	575.14M	32.53	46.00	-13.47	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	695.42M	34.50	46.00	-11.50	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	224M	44.81	46.00	-1.19	3	Horizontal	187	1.19	-

802.11n HT40_Nss1,(MCS0)_2TX

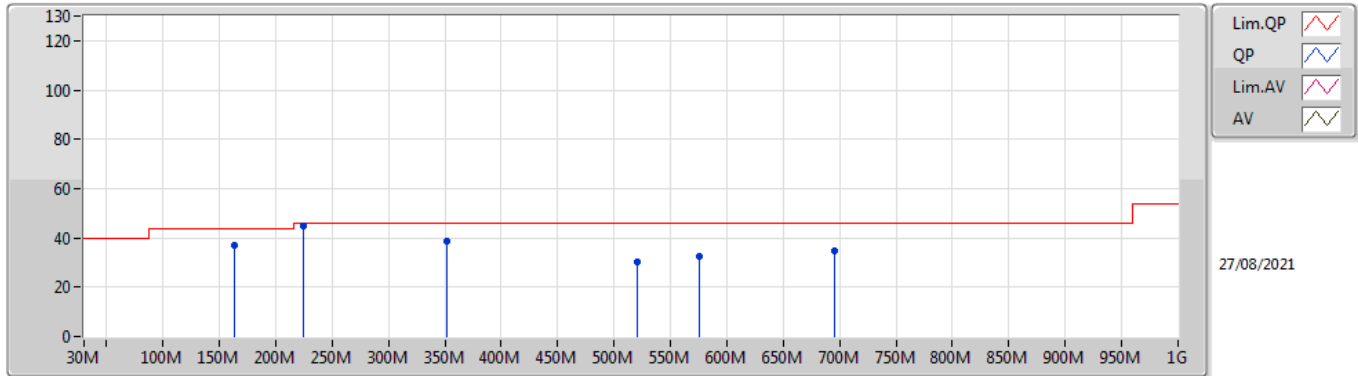
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	59.1M	36.12	40.00	-3.88	-14.96	3	Vertical	360	1.00	-	51.08	11.67	1.13	27.76
PK	119.24M	37.78	43.50	-5.72	-8.85	3	Vertical	360	1.00	-	46.63	17.41	1.54	27.80
PK	161.92M	40.31	43.50	-3.19	-10.55	3	Vertical	360	1.00	-	50.86	15.18	1.78	27.51
PK	224M	41.07	46.00	-4.93	-10.42	3	Vertical	360	1.00	-	51.49	14.71	2.05	27.18
PK	357.86M	34.08	46.00	-11.92	-5.00	3	Vertical	360	1.00	-	39.08	19.82	2.58	27.40
PK	565.44M	35.01	46.00	-10.99	-1.06	3	Vertical	360	1.00	-	36.07	24.04	3.25	28.35

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	163.86M	37.03	43.50	-6.47	-10.70	3	Horizontal	0	1.00	-	47.73	15.02	1.79	27.51
PK	352.04M	38.80	46.00	-7.20	-5.14	3	Horizontal	0	1.00	-	43.94	19.65	2.56	27.35
PK	520.82M	29.98	46.00	-16.02	-2.39	3	Horizontal	0	1.00	-	32.37	22.82	3.13	28.34
PK	575.14M	32.53	46.00	-13.47	-1.15	3	Horizontal	0	1.00	-	33.68	23.95	3.28	28.38
PK	695.42M	34.50	46.00	-11.50	-0.50	3	Horizontal	0	1.00	-	35.00	24.15	3.59	28.24
QP	224M	44.81	46.00	-1.19	-10.42	3	Horizontal	187	1.19	-	55.23	14.71	2.05	27.18



Summary

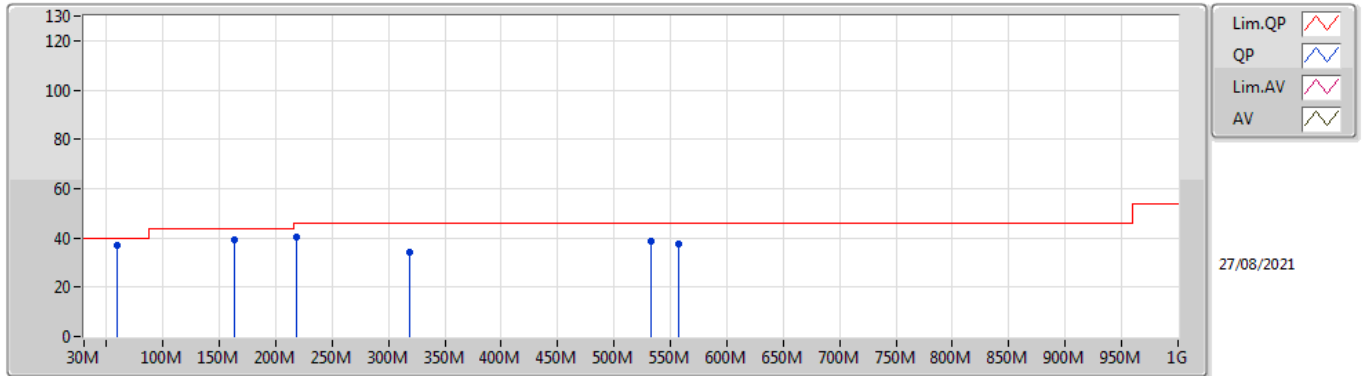
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	216.24M	45.68	46.00	-0.32	3	Horizontal	44	1.91	-

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	59.1M	36.85	40.00	-3.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	163.86M	39.50	43.50	-4.00	3	Vertical	0	1.00	-
2437MHz	Pass	PK	218.18M	40.14	46.00	-5.86	3	Vertical	0	1.00	-
2437MHz	Pass	PK	319.06M	34.37	46.00	-11.63	3	Vertical	0	1.00	-
2437MHz	Pass	PK	532.46M	38.67	46.00	-7.33	3	Vertical	0	1.00	-
2437MHz	Pass	PK	557.68M	37.70	46.00	-8.30	3	Vertical	0	1.00	-
2437MHz	Pass	PK	59.1M	33.22	40.00	-6.78	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	150.28M	35.54	43.50	-7.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	270.56M	42.13	46.00	-3.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	319.06M	39.31	46.00	-6.69	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	557.68M	34.41	46.00	-11.59	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	216.24M	45.68	46.00	-0.32	3	Horizontal	44	1.91	-

802.11n HT40_Nss1,(MCS0)_2TX

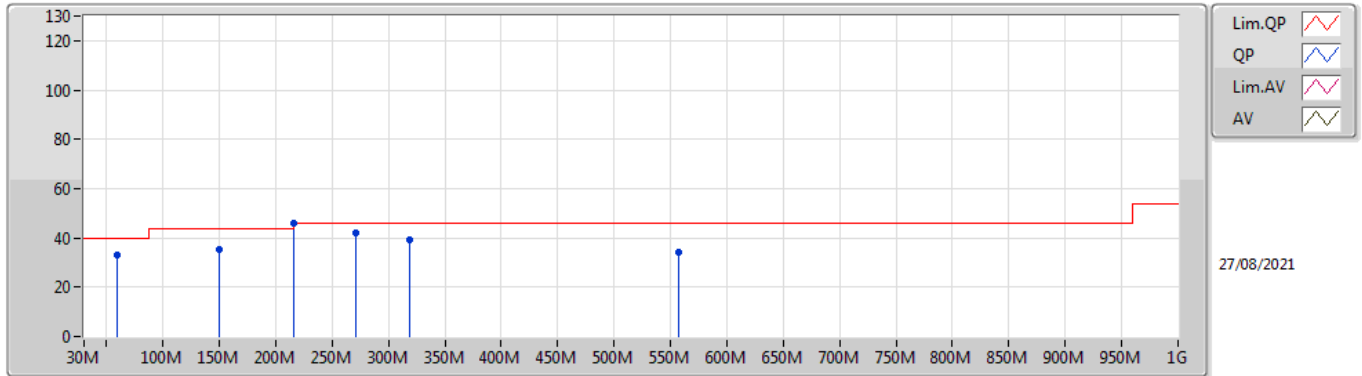
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	59.1M	36.85	40.00	-3.15	-14.96	3	Vertical	0	1.00	-	51.81	11.67	1.13	27.76
PK	163.86M	39.50	43.50	-4.00	-10.70	3	Vertical	0	1.00	-	50.20	15.02	1.79	27.51
PK	218.18M	40.14	46.00	-5.86	-10.93	3	Vertical	0	1.00	-	51.07	14.25	2.03	27.21
PK	319.06M	34.37	46.00	-11.63	-5.92	3	Vertical	0	1.00	-	40.29	18.81	2.43	27.16
PK	532.46M	38.67	46.00	-7.33	-2.18	3	Vertical	0	1.00	-	40.85	23.00	3.15	28.33
PK	557.68M	37.70	46.00	-8.30	-0.96	3	Vertical	0	1.00	-	38.66	24.16	3.22	28.34

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	59.1M	33.22	40.00	-6.78	-14.96	3	Horizontal	360	1.00	-	48.18	11.67	1.13	27.76
PK	150.28M	35.54	43.50	-7.96	-10.25	3	Horizontal	360	1.00	-	45.79	15.60	1.71	27.56
PK	270.56M	42.13	46.00	-3.87	-6.74	3	Horizontal	360	1.00	-	48.87	18.06	2.24	27.04
PK	319.06M	39.31	46.00	-6.69	-5.92	3	Horizontal	360	1.00	-	45.23	18.81	2.43	27.16
PK	557.68M	34.41	46.00	-11.59	-0.96	3	Horizontal	360	1.00	-	35.37	24.16	3.22	28.34
QP	216.24M	45.68	46.00	-0.32	-11.07	3	Horizontal	44	1.91	-	56.75	14.13	2.02	27.22



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.87396G	53.86	54.00	-0.14	3	Horizontal	223	1.88	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	7.31064G	53.87	54.00	-0.13	3	Vertical	322	1.57	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	7.30712G	53.81	54.00	-0.19	3	Vertical	326	2.33	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.87	54.00	-0.13	3	Vertical	42	1.44	-

**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	2.3728G	48.71	54.00	-5.29	3	Vertical	38	1.60	-
2412MHz	Pass	AV	2.4126G	110.19	Inf	-Inf	3	Vertical	38	1.60	-
2412MHz	Pass	PK	2.3828G	60.45	74.00	-13.55	3	Vertical	38	1.60	-
2412MHz	Pass	PK	2.413G	114.12	Inf	-Inf	3	Vertical	38	1.60	-
2412MHz	Pass	AV	2.37G	47.20	54.00	-6.80	3	Horizontal	54	1.50	-
2412MHz	Pass	AV	2.4112G	97.65	Inf	-Inf	3	Horizontal	54	1.50	-
2412MHz	Pass	PK	2.362G	58.72	74.00	-15.28	3	Horizontal	54	1.50	-
2412MHz	Pass	PK	2.411G	101.44	Inf	-Inf	3	Horizontal	54	1.50	-
2412MHz	Pass	AV	4.82396G	48.51	54.00	-5.49	3	Vertical	34	1.11	-
2412MHz	Pass	PK	4.82396G	51.62	74.00	-22.38	3	Vertical	34	1.11	-
2412MHz	Pass	AV	4.82396G	53.74	54.00	-0.26	3	Horizontal	224	1.94	-
2412MHz	Pass	PK	4.824G	55.63	74.00	-18.37	3	Horizontal	224	1.94	-
2437MHz	Pass	AV	2.3854G	49.55	54.00	-4.45	3	Vertical	6	1.50	-
2437MHz	Pass	AV	2.435G	113.29	Inf	-Inf	3	Vertical	6	1.50	-
2437MHz	Pass	AV	2.4838G	50.37	54.00	-3.63	3	Vertical	6	1.50	-
2437MHz	Pass	PK	2.3738G	60.68	74.00	-13.32	3	Vertical	6	1.50	-
2437MHz	Pass	PK	2.4346G	116.83	Inf	-Inf	3	Vertical	6	1.50	-
2437MHz	Pass	PK	2.4854G	62.32	74.00	-11.68	3	Vertical	6	1.50	-
2437MHz	Pass	AV	2.3406G	47.40	54.00	-6.60	3	Horizontal	325	1.99	-
2437MHz	Pass	AV	2.435G	101.04	Inf	-Inf	3	Horizontal	325	1.99	-
2437MHz	Pass	AV	2.4866G	46.99	54.00	-7.01	3	Horizontal	325	1.99	-
2437MHz	Pass	PK	2.3678G	58.94	74.00	-15.06	3	Horizontal	325	1.99	-
2437MHz	Pass	PK	2.4354G	104.64	Inf	-Inf	3	Horizontal	325	1.99	-
2437MHz	Pass	PK	2.4858G	58.74	74.00	-15.26	3	Horizontal	325	1.99	-
2437MHz	Pass	AV	4.87396G	50.47	54.00	-3.53	3	Vertical	214	2.14	-
2437MHz	Pass	AV	7.31016G	43.57	54.00	-10.43	3	Vertical	323	1.50	-
2437MHz	Pass	PK	4.87396G	52.93	74.00	-21.07	3	Vertical	214	2.14	-
2437MHz	Pass	PK	7.30956G	53.01	74.00	-20.99	3	Vertical	323	1.50	-
2437MHz	Pass	AV	4.87396G	53.86	54.00	-0.14	3	Horizontal	223	1.88	-
2437MHz	Pass	AV	7.30812G	37.87	54.00	-16.13	3	Horizontal	216	1.43	-
2437MHz	Pass	PK	4.874G	55.88	74.00	-18.12	3	Horizontal	223	1.88	-
2437MHz	Pass	PK	7.30904G	50.84	74.00	-23.16	3	Horizontal	216	1.43	-
2457MHz	Pass	AV	2.4576G	110.28	Inf	-Inf	3	Vertical	37	1.47	-
2457MHz	Pass	AV	2.4868G	48.79	54.00	-5.21	3	Vertical	37	1.47	-
2457MHz	Pass	PK	2.458G	114.32	Inf	-Inf	3	Vertical	37	1.47	-
2457MHz	Pass	PK	2.4854G	61.14	74.00	-12.86	3	Vertical	37	1.47	-
2457MHz	Pass	AV	2.4552G	99.90	Inf	-Inf	3	Horizontal	326	1.92	-
2457MHz	Pass	AV	2.4836G	46.93	54.00	-7.07	3	Horizontal	326	1.92	-
2457MHz	Pass	PK	2.4556G	103.47	Inf	-Inf	3	Horizontal	326	1.92	-
2457MHz	Pass	PK	2.4942G	58.34	74.00	-15.66	3	Horizontal	326	1.92	-
2457MHz	Pass	AV	4.91396G	48.51	54.00	-5.49	3	Vertical	184	1.94	-
2457MHz	Pass	AV	7.3738G	40.93	54.00	-13.07	3	Vertical	324	1.50	-
2457MHz	Pass	PK	4.914G	51.58	74.00	-22.42	3	Vertical	184	1.94	-
2457MHz	Pass	PK	7.36636G	51.68	74.00	-22.32	3	Vertical	324	1.50	-
2457MHz	Pass	AV	4.91396G	53.82	54.00	-0.18	3	Horizontal	221	1.88	-
2457MHz	Pass	AV	7.37016G	38.88	54.00	-15.12	3	Horizontal	317	1.92	-
2457MHz	Pass	PK	4.91396G	55.78	74.00	-18.22	3	Horizontal	221	1.88	-
2457MHz	Pass	PK	7.36976G	51.02	74.00	-22.98	3	Horizontal	317	1.92	-
2462MHz	Pass	AV	2.4638G	111.02	Inf	-Inf	3	Vertical	30	1.85	-
2462MHz	Pass	AV	2.4835G	49.07	54.00	-4.93	3	Vertical	30	1.85	-
2462MHz	Pass	PK	2.463G	114.47	Inf	-Inf	3	Vertical	30	1.85	-
2462MHz	Pass	PK	2.4944G	61.13	74.00	-12.87	3	Vertical	30	1.85	-
2462MHz	Pass	AV	2.4602G	99.63	Inf	-Inf	3	Horizontal	327	2.10	-
2462MHz	Pass	AV	2.499G	46.98	54.00	-7.02	3	Horizontal	327	2.10	-
2462MHz	Pass	PK	2.4594G	103.19	Inf	-Inf	3	Horizontal	327	2.10	-
2462MHz	Pass	PK	2.493G	58.73	74.00	-15.27	3	Horizontal	327	2.10	-
2462MHz	Pass	AV	4.92396G	49.04	54.00	-4.96	3	Vertical	183	1.72	-
2462MHz	Pass	AV	7.38868G	40.39	54.00	-13.61	3	Vertical	327	1.46	-
2462MHz	Pass	PK	4.9238G	52.18	74.00	-21.82	3	Vertical	183	1.72	-
2462MHz	Pass	PK	7.3892G	51.55	74.00	-22.45	3	Vertical	327	1.46	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92396G	53.85	54.00	-0.15	3	Horizontal	221	1.98	-
2462MHz	Pass	AV	7.38528G	39.03	54.00	-14.97	3	Horizontal	312	1.88	-
2462MHz	Pass	PK	4.924G	55.84	74.00	-18.16	3	Horizontal	221	1.98	-
2462MHz	Pass	PK	7.38384G	51.52	74.00	-22.48	3	Horizontal	312	1.88	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	53.86	54.00	-0.14	3	Vertical	26	1.58	-
2412MHz	Pass	AV	2.4128G	110.29	Inf	-Inf	3	Vertical	26	1.58	-
2412MHz	Pass	PK	2.389G	70.85	74.00	-3.15	3	Vertical	26	1.58	-
2412MHz	Pass	PK	2.4128G	119.51	Inf	-Inf	3	Vertical	26	1.58	-
2412MHz	Pass	AV	2.39G	49.80	54.00	-4.20	3	Horizontal	326	1.75	-
2412MHz	Pass	AV	2.4108G	99.03	Inf	-Inf	3	Horizontal	326	1.75	-
2412MHz	Pass	PK	2.3898G	64.48	74.00	-9.52	3	Horizontal	326	1.75	-
2412MHz	Pass	PK	2.411G	108.36	Inf	-Inf	3	Horizontal	326	1.75	-
2412MHz	Pass	AV	4.82412G	36.32	54.00	-17.68	3	Vertical	36	1.27	-
2412MHz	Pass	PK	4.81842G	48.97	74.00	-25.03	3	Vertical	36	1.27	-
2412MHz	Pass	AV	4.824G	41.51	54.00	-12.49	3	Horizontal	222	1.96	-
2412MHz	Pass	PK	4.81842G	54.02	74.00	-19.98	3	Horizontal	222	1.96	-
2417MHz	Pass	AV	2.39G	53.64	54.00	-0.36	3	Vertical	31	1.64	-
2417MHz	Pass	AV	2.4162G	112.55	Inf	-Inf	3	Vertical	31	1.64	-
2417MHz	Pass	PK	2.39G	67.51	74.00	-6.49	3	Vertical	31	1.64	-
2417MHz	Pass	PK	2.4162G	121.88	Inf	-Inf	3	Vertical	31	1.64	-
2417MHz	Pass	AV	2.3886G	47.98	54.00	-6.02	3	Horizontal	326	2.14	-
2417MHz	Pass	AV	2.4178G	101.16	Inf	-Inf	3	Horizontal	326	2.14	-
2417MHz	Pass	PK	2.3898G	59.75	74.00	-14.25	3	Horizontal	326	2.14	-
2417MHz	Pass	PK	2.4178G	110.60	Inf	-Inf	3	Horizontal	326	2.14	-
2417MHz	Pass	AV	4.83376G	38.87	54.00	-15.13	3	Vertical	213	2.22	-
2417MHz	Pass	AV	7.25334G	49.89	54.00	-4.11	3	Vertical	328	2.28	-
2417MHz	Pass	PK	4.82824G	51.94	74.00	-22.06	3	Vertical	213	2.22	-
2417MHz	Pass	PK	7.25286G	63.76	74.00	-10.24	3	Vertical	328	2.28	-
2417MHz	Pass	AV	4.834G	41.48	54.00	-12.52	3	Horizontal	226	2.05	-
2417MHz	Pass	AV	7.25286G	43.38	54.00	-10.62	3	Horizontal	213	1.50	-
2417MHz	Pass	PK	4.8283G	53.58	74.00	-20.42	3	Horizontal	226	2.05	-
2417MHz	Pass	PK	7.25299G	58.55	74.00	-15.45	3	Horizontal	213	1.50	-
2437MHz	Pass	AV	2.3862G	48.81	54.00	-5.19	3	Vertical	8	1.50	-
2437MHz	Pass	AV	2.4358G	110.30	Inf	-Inf	3	Vertical	8	1.50	-
2437MHz	Pass	AV	2.4862G	49.45	54.00	-4.55	3	Vertical	8	1.50	-
2437MHz	Pass	PK	2.3866G	60.46	74.00	-13.54	3	Vertical	8	1.50	-
2437MHz	Pass	PK	2.4362G	119.46	Inf	-Inf	3	Vertical	8	1.50	-
2437MHz	Pass	PK	2.4862G	61.75	74.00	-12.25	3	Vertical	8	1.50	-
2437MHz	Pass	AV	2.339G	47.34	54.00	-6.66	3	Horizontal	325	2.00	-
2437MHz	Pass	AV	2.4354G	98.33	Inf	-Inf	3	Horizontal	325	2.00	-
2437MHz	Pass	AV	2.4858G	46.94	54.00	-7.06	3	Horizontal	325	2.00	-
2437MHz	Pass	PK	2.3462G	59.00	74.00	-15.00	3	Horizontal	325	2.00	-
2437MHz	Pass	PK	2.435G	108.01	Inf	-Inf	3	Horizontal	325	2.00	-
2437MHz	Pass	PK	2.4838G	58.06	74.00	-15.94	3	Horizontal	325	2.00	-
2437MHz	Pass	AV	4.87418G	44.96	54.00	-9.04	3	Vertical	66	1.05	-
2437MHz	Pass	AV	7.31064G	53.87	54.00	-0.13	3	Vertical	322	1.57	-
2437MHz	Pass	PK	4.86938G	58.78	74.00	-15.22	3	Vertical	66	1.05	-
2437MHz	Pass	PK	7.31064G	68.06	74.00	-5.94	3	Vertical	322	1.57	-
2437MHz	Pass	AV	4.87412G	45.14	54.00	-8.86	3	Horizontal	224	1.87	-
2437MHz	Pass	AV	7.31004G	46.90	54.00	-7.10	3	Horizontal	212	1.50	-
2437MHz	Pass	PK	4.86842G	57.19	74.00	-16.81	3	Horizontal	224	1.87	-
2437MHz	Pass	PK	7.31022G	60.90	74.00	-13.10	3	Horizontal	212	1.50	-
2457MHz	Pass	AV	2.4554G	110.61	Inf	-Inf	3	Vertical	22	1.50	-
2457MHz	Pass	AV	2.4848G	53.74	54.00	-0.26	3	Vertical	22	1.50	-
2457MHz	Pass	PK	2.4554G	120.24	Inf	-Inf	3	Vertical	22	1.50	-
2457MHz	Pass	PK	2.484G	67.55	74.00	-6.45	3	Vertical	22	1.50	-
2457MHz	Pass	AV	2.4582G	99.33	Inf	-Inf	3	Horizontal	328	1.62	-
2457MHz	Pass	AV	2.4835G	48.21	54.00	-5.79	3	Horizontal	328	1.62	-
2457MHz	Pass	PK	2.4578G	108.56	Inf	-Inf	3	Horizontal	328	1.62	-
2457MHz	Pass	PK	2.4838G	60.39	74.00	-13.61	3	Horizontal	328	1.62	-
2457MHz	Pass	AV	4.91406G	39.98	54.00	-14.02	3	Vertical	212	1.90	-

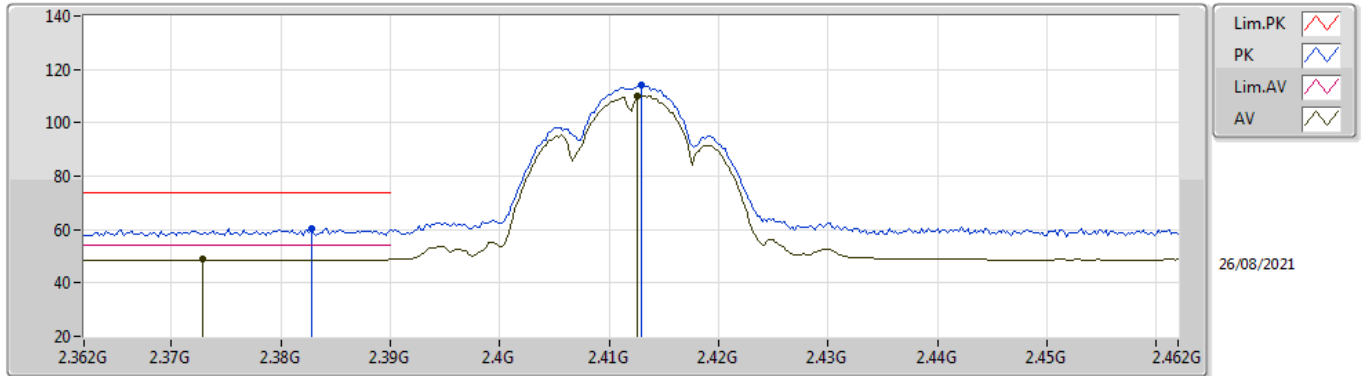
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	7.37118G	46.61	54.00	-7.39	3	Vertical	323	1.50	-
2457MHz	Pass	PK	4.90938G	53.27	74.00	-20.73	3	Vertical	212	1.90	-
2457MHz	Pass	PK	7.37046G	61.28	74.00	-12.72	3	Vertical	323	1.50	-
2457MHz	Pass	AV	4.91406G	42.52	54.00	-11.48	3	Horizontal	223	1.88	-
2457MHz	Pass	AV	7.36998G	40.81	54.00	-13.19	3	Horizontal	212	1.49	-
2457MHz	Pass	PK	4.90836G	54.56	74.00	-19.44	3	Horizontal	223	1.88	-
2457MHz	Pass	PK	7.3707G	54.92	74.00	-19.08	3	Horizontal	212	1.49	-
2462MHz	Pass	AV	2.4606G	108.78	Inf	-Inf	3	Vertical	24	1.86	-
2462MHz	Pass	AV	2.4846G	53.60	54.00	-0.40	3	Vertical	24	1.86	-
2462MHz	Pass	PK	2.4602G	118.49	Inf	-Inf	3	Vertical	24	1.86	-
2462MHz	Pass	PK	2.4844G	68.71	74.00	-5.29	3	Vertical	24	1.86	-
2462MHz	Pass	AV	2.4632G	97.48	Inf	-Inf	3	Horizontal	328	2.11	-
2462MHz	Pass	AV	2.4835G	49.33	54.00	-4.67	3	Horizontal	328	2.11	-
2462MHz	Pass	PK	2.4632G	106.76	Inf	-Inf	3	Horizontal	328	2.11	-
2462MHz	Pass	PK	2.4835G	60.49	74.00	-13.51	3	Horizontal	328	2.11	-
2462MHz	Pass	AV	4.92394G	36.22	54.00	-17.78	3	Vertical	182	1.84	-
2462MHz	Pass	AV	7.38618G	42.55	54.00	-11.45	3	Vertical	324	1.50	-
2462MHz	Pass	PK	4.91842G	48.82	74.00	-25.18	3	Vertical	182	1.84	-
2462MHz	Pass	PK	7.38636G	58.12	74.00	-15.88	3	Vertical	324	1.50	-
2462MHz	Pass	AV	4.92412G	40.92	54.00	-13.08	3	Horizontal	222	2.00	-
2462MHz	Pass	AV	7.38492G	38.74	54.00	-15.26	3	Horizontal	213	1.46	-
2462MHz	Pass	PK	4.92358G	52.96	74.00	-21.04	3	Horizontal	222	2.00	-
2462MHz	Pass	PK	7.38402G	52.33	74.00	-21.67	3	Horizontal	213	1.46	-
802.11n HT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.80	54.00	-0.20	3	Vertical	39	1.50	-
2412MHz	Pass	AV	2.4124G	106.72	Inf	-Inf	3	Vertical	39	1.50	-
2412MHz	Pass	PK	2.3898G	72.17	74.00	-1.83	3	Vertical	39	1.50	-
2412MHz	Pass	PK	2.4136G	116.31	Inf	-Inf	3	Vertical	39	1.50	-
2412MHz	Pass	AV	2.39G	47.49	54.00	-6.51	3	Horizontal	55	1.49	-
2412MHz	Pass	AV	2.4124G	93.68	Inf	-Inf	3	Horizontal	55	1.49	-
2412MHz	Pass	PK	2.39G	58.83	74.00	-15.17	3	Horizontal	55	1.49	-
2412MHz	Pass	PK	2.4112G	103.02	Inf	-Inf	3	Horizontal	55	1.49	-
2412MHz	Pass	AV	4.82392G	35.61	54.00	-18.39	3	Vertical	213	2.02	-
2412MHz	Pass	PK	4.82564G	50.06	74.00	-23.94	3	Vertical	213	2.02	-
2412MHz	Pass	AV	4.82384G	37.87	54.00	-16.13	3	Horizontal	225	1.92	-
2412MHz	Pass	PK	4.82328G	52.30	74.00	-21.70	3	Horizontal	225	1.92	-
2417MHz	Pass	AV	2.39G	53.78	54.00	-0.22	3	Vertical	39	1.50	-
2417MHz	Pass	AV	2.4174G	110.71	Inf	-Inf	3	Vertical	39	1.50	-
2417MHz	Pass	PK	2.3898G	72.27	74.00	-1.73	3	Vertical	39	1.50	-
2417MHz	Pass	PK	2.4158G	120.43	Inf	-Inf	3	Vertical	39	1.50	-
2417MHz	Pass	AV	2.3898G	47.40	54.00	-6.60	3	Horizontal	234	1.82	-
2417MHz	Pass	AV	2.4164G	96.35	Inf	-Inf	3	Horizontal	234	1.82	-
2417MHz	Pass	PK	2.39G	60.40	74.00	-13.60	3	Horizontal	234	1.82	-
2417MHz	Pass	PK	2.416G	105.92	Inf	-Inf	3	Horizontal	234	1.82	-
2437MHz	Pass	AV	2.3898G	49.20	54.00	-4.80	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.4366G	108.22	Inf	-Inf	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.4835G	49.19	54.00	-4.81	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.3862G	60.95	74.00	-13.05	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.4358G	117.78	Inf	-Inf	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.4846G	62.88	74.00	-11.12	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.347G	47.31	54.00	-6.69	3	Horizontal	314	1.77	-
2437MHz	Pass	AV	2.4366G	91.35	Inf	-Inf	3	Horizontal	314	1.77	-
2437MHz	Pass	AV	2.4838G	46.88	54.00	-7.12	3	Horizontal	314	1.77	-
2437MHz	Pass	PK	2.3406G	58.73	74.00	-15.27	3	Horizontal	314	1.77	-
2437MHz	Pass	PK	2.4362G	100.83	Inf	-Inf	3	Horizontal	314	1.77	-
2437MHz	Pass	PK	2.485G	57.75	74.00	-16.25	3	Horizontal	314	1.77	-
2437MHz	Pass	AV	4.87744G	43.19	54.00	-10.81	3	Vertical	9	1.23	-
2437MHz	Pass	AV	7.30712G	53.81	54.00	-0.19	3	Vertical	326	2.33	-
2437MHz	Pass	PK	4.87312G	59.04	74.00	-14.96	3	Vertical	9	1.23	-
2437MHz	Pass	PK	7.31756G	69.72	74.00	-4.28	3	Vertical	326	2.33	-
2437MHz	Pass	AV	4.8738G	43.23	54.00	-10.77	3	Horizontal	231	1.76	-
2437MHz	Pass	AV	7.30712G	44.01	54.00	-9.99	3	Horizontal	181	1.37	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	4.87304G	57.34	74.00	-16.66	3	Horizontal	231	1.76	-
2437MHz	Pass	PK	7.3176G	59.02	74.00	-14.98	3	Horizontal	181	1.37	-
2457MHz	Pass	AV	2.4566G	108.12	Inf	-Inf	3	Vertical	41	1.37	-
2457MHz	Pass	AV	2.4835G	53.79	54.00	-0.21	3	Vertical	41	1.37	-
2457MHz	Pass	PK	2.4562G	117.85	Inf	-Inf	3	Vertical	41	1.37	-
2457MHz	Pass	PK	2.4842G	68.67	74.00	-5.33	3	Vertical	41	1.37	-
2457MHz	Pass	AV	2.4564G	95.25	Inf	-Inf	3	Horizontal	58	2.42	-
2457MHz	Pass	AV	2.4835G	47.46	54.00	-6.54	3	Horizontal	58	2.42	-
2457MHz	Pass	PK	2.4558G	105.10	Inf	-Inf	3	Horizontal	58	2.42	-
2457MHz	Pass	PK	2.4836G	60.61	74.00	-13.39	3	Horizontal	58	2.42	-
2462MHz	Pass	AV	2.4614G	104.67	Inf	-Inf	3	Vertical	155	2.05	-
2462MHz	Pass	AV	2.4835G	53.56	54.00	-0.44	3	Vertical	155	2.05	-
2462MHz	Pass	PK	2.461G	114.07	Inf	-Inf	3	Vertical	155	2.05	-
2462MHz	Pass	PK	2.4835G	70.58	74.00	-3.42	3	Vertical	155	2.05	-
2462MHz	Pass	AV	2.4614G	90.77	Inf	-Inf	3	Horizontal	235	2.00	-
2462MHz	Pass	AV	2.4835G	47.33	54.00	-6.67	3	Horizontal	235	2.00	-
2462MHz	Pass	PK	2.4612G	100.46	Inf	-Inf	3	Horizontal	235	2.00	-
2462MHz	Pass	PK	2.4836G	58.90	74.00	-15.10	3	Horizontal	235	2.00	-
2462MHz	Pass	AV	4.924G	34.13	54.00	-19.87	3	Vertical	209	3.00	-
2462MHz	Pass	AV	7.38436G	39.58	54.00	-14.42	3	Vertical	326	1.45	-
2462MHz	Pass	PK	4.92332G	48.45	74.00	-25.55	3	Vertical	209	3.00	-
2462MHz	Pass	PK	7.38412G	56.75	74.00	-17.25	3	Vertical	326	1.45	-
2462MHz	Pass	AV	4.92384G	38.14	54.00	-15.86	3	Horizontal	231	1.89	-
2462MHz	Pass	AV	7.38428G	36.85	54.00	-17.15	3	Horizontal	182	1.50	-
2462MHz	Pass	PK	4.92304G	53.61	74.00	-20.39	3	Horizontal	231	1.89	-
2462MHz	Pass	PK	7.3836G	51.02	74.00	-22.98	3	Horizontal	182	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.81	54.00	-0.19	3	Vertical	39	1.50	-
2422MHz	Pass	AV	2.4236G	102.13	Inf	-Inf	3	Vertical	39	1.50	-
2422MHz	Pass	AV	2.492G	48.22	54.00	-5.78	3	Vertical	39	1.50	-
2422MHz	Pass	PK	2.3884G	67.85	74.00	-6.15	3	Vertical	39	1.50	-
2422MHz	Pass	PK	2.4232G	111.42	Inf	-Inf	3	Vertical	39	1.50	-
2422MHz	Pass	PK	2.498G	59.57	74.00	-14.43	3	Vertical	39	1.50	-
2422MHz	Pass	AV	2.3224G	47.43	54.00	-6.57	3	Horizontal	237	2.01	-
2422MHz	Pass	AV	2.4236G	88.54	Inf	-Inf	3	Horizontal	237	2.01	-
2422MHz	Pass	AV	2.498G	46.84	54.00	-7.16	3	Horizontal	237	2.01	-
2422MHz	Pass	PK	2.3876G	59.77	74.00	-14.23	3	Horizontal	237	2.01	-
2422MHz	Pass	PK	2.4232G	97.69	Inf	-Inf	3	Horizontal	237	2.01	-
2422MHz	Pass	PK	2.4996G	58.21	74.00	-15.79	3	Horizontal	237	2.01	-
2422MHz	Pass	AV	4.84394G	32.14	54.00	-21.86	3	Vertical	343	2.95	-
2422MHz	Pass	AV	7.26774G	37.14	54.00	-16.86	3	Vertical	325	1.50	-
2422MHz	Pass	PK	4.84466G	45.62	74.00	-28.38	3	Vertical	343	2.95	-
2422MHz	Pass	PK	7.27272G	51.01	74.00	-22.99	3	Vertical	325	1.50	-
2422MHz	Pass	AV	4.84394G	33.29	54.00	-20.71	3	Horizontal	235	1.95	-
2422MHz	Pass	AV	7.25322G	36.11	54.00	-17.89	3	Horizontal	41	1.50	-
2422MHz	Pass	PK	4.84412G	46.84	74.00	-27.16	3	Horizontal	235	1.95	-
2422MHz	Pass	PK	7.25994G	49.52	74.00	-24.48	3	Horizontal	41	1.50	-
2427MHz	Pass	AV	2.3898G	53.75	54.00	-0.25	3	Vertical	16	1.77	-
2427MHz	Pass	AV	2.4286G	103.20	Inf	-Inf	3	Vertical	16	1.77	-
2427MHz	Pass	AV	2.4835G	48.72	54.00	-5.28	3	Vertical	16	1.77	-
2427MHz	Pass	PK	2.389G	66.91	74.00	-7.09	3	Vertical	16	1.77	-
2427MHz	Pass	PK	2.4282G	112.47	Inf	-Inf	3	Vertical	16	1.77	-
2427MHz	Pass	PK	2.4938G	60.92	74.00	-13.08	3	Vertical	16	1.77	-
2427MHz	Pass	AV	2.3894G	47.60	54.00	-6.40	3	Horizontal	164	1.99	-
2427MHz	Pass	AV	2.4286G	89.26	Inf	-Inf	3	Horizontal	164	1.99	-
2427MHz	Pass	AV	2.4942G	46.84	54.00	-7.16	3	Horizontal	164	1.99	-
2427MHz	Pass	PK	2.361G	58.95	74.00	-15.05	3	Horizontal	164	1.99	-
2427MHz	Pass	PK	2.4258G	98.54	Inf	-Inf	3	Horizontal	164	1.99	-
2427MHz	Pass	PK	2.4962G	57.65	74.00	-16.35	3	Horizontal	164	1.99	-
2437MHz	Pass	AV	2.3898G	52.35	54.00	-1.65	3	Vertical	157	1.50	-
2437MHz	Pass	AV	2.4386G	106.41	Inf	-Inf	3	Vertical	157	1.50	-
2437MHz	Pass	AV	2.4835G	53.61	54.00	-0.39	3	Vertical	157	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.389G	68.37	74.00	-5.63	3	Vertical	157	1.50	-
2437MHz	Pass	PK	2.4382G	115.85	Inf	-Inf	3	Vertical	157	1.50	-
2437MHz	Pass	PK	2.4866G	66.51	74.00	-7.49	3	Vertical	157	1.50	-
2437MHz	Pass	AV	2.3898G	47.44	54.00	-6.56	3	Horizontal	162	1.68	-
2437MHz	Pass	AV	2.435G	92.10	Inf	-Inf	3	Horizontal	162	1.68	-
2437MHz	Pass	AV	2.4835G	47.38	54.00	-6.62	3	Horizontal	162	1.68	-
2437MHz	Pass	PK	2.3738G	59.66	74.00	-14.34	3	Horizontal	162	1.68	-
2437MHz	Pass	PK	2.4354G	101.60	Inf	-Inf	3	Horizontal	162	1.68	-
2437MHz	Pass	PK	2.4878G	58.64	74.00	-15.36	3	Horizontal	162	1.68	-
2437MHz	Pass	AV	4.87392G	33.51	54.00	-20.49	3	Vertical	17	2.22	-
2437MHz	Pass	AV	7.31204G	44.00	54.00	-10.00	3	Vertical	329	2.17	-
2437MHz	Pass	PK	4.87432G	47.39	74.00	-26.61	3	Vertical	17	2.22	-
2437MHz	Pass	PK	7.31788G	59.36	74.00	-14.64	3	Vertical	329	2.17	-
2437MHz	Pass	AV	4.87392G	37.90	54.00	-16.10	3	Horizontal	231	1.76	-
2437MHz	Pass	AV	7.30636G	38.07	54.00	-15.93	3	Horizontal	180	1.38	-
2437MHz	Pass	PK	4.87456G	50.86	74.00	-23.14	3	Horizontal	231	1.76	-
2437MHz	Pass	PK	7.29212G	51.57	74.00	-22.43	3	Horizontal	180	1.38	-
2447MHz	Pass	AV	2.367G	48.88	54.00	-5.12	3	Vertical	42	1.44	-
2447MHz	Pass	AV	2.4486G	104.10	Inf	-Inf	3	Vertical	42	1.44	-
2447MHz	Pass	AV	2.4835G	53.87	54.00	-0.13	3	Vertical	42	1.44	-
2447MHz	Pass	PK	2.3862G	60.94	74.00	-13.06	3	Vertical	42	1.44	-
2447MHz	Pass	PK	2.4458G	113.52	Inf	-Inf	3	Vertical	42	1.44	-
2447MHz	Pass	PK	2.4835G	68.14	74.00	-5.86	3	Vertical	42	1.44	-
2447MHz	Pass	AV	2.3514G	47.25	54.00	-6.75	3	Horizontal	59	1.50	-
2447MHz	Pass	AV	2.4486G	89.70	Inf	-Inf	3	Horizontal	59	1.50	-
2447MHz	Pass	AV	2.4835G	47.39	54.00	-6.61	3	Horizontal	59	1.50	-
2447MHz	Pass	PK	2.3654G	59.41	74.00	-14.59	3	Horizontal	59	1.50	-
2447MHz	Pass	PK	2.4458G	98.95	Inf	-Inf	3	Horizontal	59	1.50	-
2447MHz	Pass	PK	2.499G	57.94	74.00	-16.06	3	Horizontal	59	1.50	-
2452MHz	Pass	AV	2.3716G	48.54	54.00	-5.46	3	Vertical	40	1.40	-
2452MHz	Pass	AV	2.4536G	101.83	Inf	-Inf	3	Vertical	40	1.40	-
2452MHz	Pass	AV	2.4835G	53.70	54.00	-0.30	3	Vertical	40	1.40	-
2452MHz	Pass	PK	2.3864G	59.77	74.00	-14.23	3	Vertical	40	1.40	-
2452MHz	Pass	PK	2.4508G	111.17	Inf	-Inf	3	Vertical	40	1.40	-
2452MHz	Pass	PK	2.4835G	67.30	74.00	-6.70	3	Vertical	40	1.40	-
2452MHz	Pass	AV	2.3528G	47.21	54.00	-6.79	3	Horizontal	57	2.39	-
2452MHz	Pass	AV	2.4536G	88.44	Inf	-Inf	3	Horizontal	57	2.39	-
2452MHz	Pass	AV	2.4835G	47.57	54.00	-6.43	3	Horizontal	57	2.39	-
2452MHz	Pass	PK	2.3852G	58.45	74.00	-15.55	3	Horizontal	57	2.39	-
2452MHz	Pass	PK	2.4532G	97.52	Inf	-Inf	3	Horizontal	57	2.39	-
2452MHz	Pass	PK	2.4852G	58.18	74.00	-15.82	3	Horizontal	57	2.39	-
2452MHz	Pass	AV	4.90384G	32.55	54.00	-21.45	3	Vertical	344	2.76	-
2452MHz	Pass	AV	7.35664G	37.33	54.00	-16.67	3	Vertical	326	1.50	-
2452MHz	Pass	PK	4.904G	45.88	74.00	-28.12	3	Vertical	344	2.76	-
2452MHz	Pass	PK	7.35664G	51.21	74.00	-22.79	3	Vertical	326	1.50	-
2452MHz	Pass	AV	4.90408G	34.20	54.00	-19.80	3	Horizontal	225	2.01	-
2452MHz	Pass	AV	7.35936G	36.27	54.00	-17.73	3	Horizontal	156	1.50	-
2452MHz	Pass	PK	4.90472G	47.53	74.00	-26.47	3	Horizontal	225	2.01	-
2452MHz	Pass	PK	7.35016G	49.77	74.00	-24.23	3	Horizontal	156	1.50	-

802.11b_Nss1,(1Mbps)_2TX

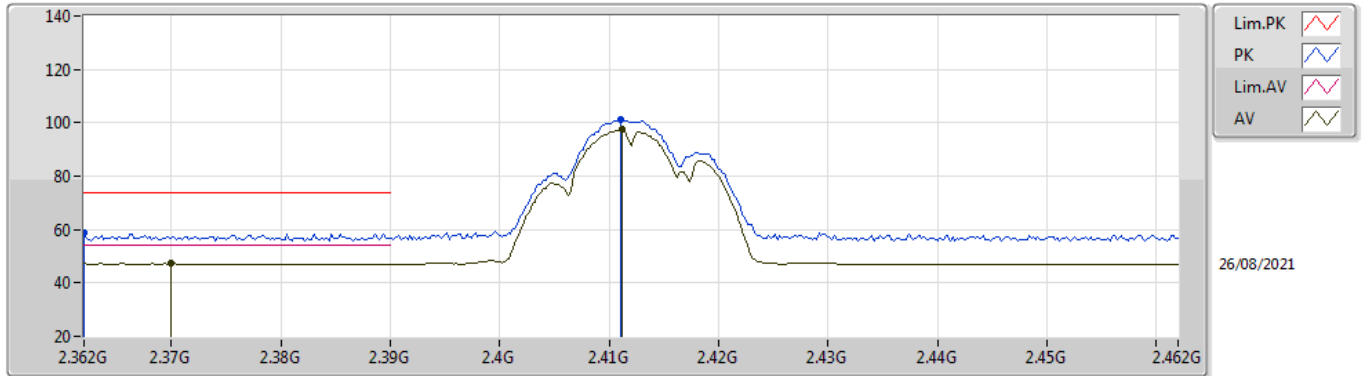
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3728G	48.71	54.00	-5.29	35.00	3	Vertical	38	1.60	-	13.71	27.75	7.25	-
AV	2.4126G	110.19	Inf	-Inf	34.89	3	Vertical	38	1.60	-	75.30	27.62	7.27	-
PK	2.3828G	60.45	74.00	-13.55	34.98	3	Vertical	38	1.60	-	25.47	27.73	7.25	-
PK	2.413G	114.12	Inf	-Inf	34.89	3	Vertical	38	1.60	-	79.23	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

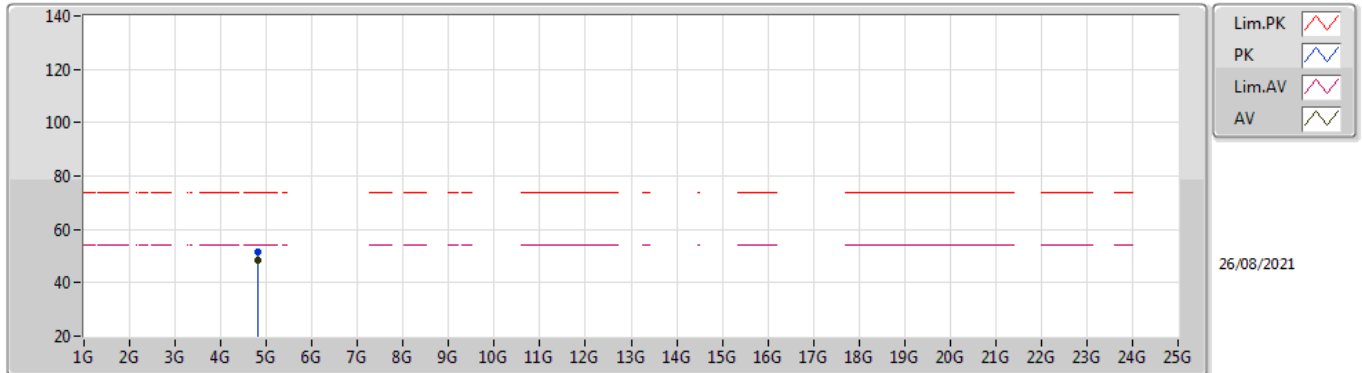
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.37G	47.20	54.00	-6.80	35.01	3	Horizontal	54	1.50	-	12.19	27.76	7.25	-
AV	2.4112G	97.65	Inf	-Inf	34.90	3	Horizontal	54	1.50	-	62.75	27.63	7.27	-
PK	2.362G	58.72	74.00	-15.28	35.02	3	Horizontal	54	1.50	-	23.70	27.78	7.24	-
PK	2.411G	101.44	Inf	-Inf	34.90	3	Horizontal	54	1.50	-	66.54	27.63	7.27	-

802.11b_Nss1,(1Mbps)_2TX

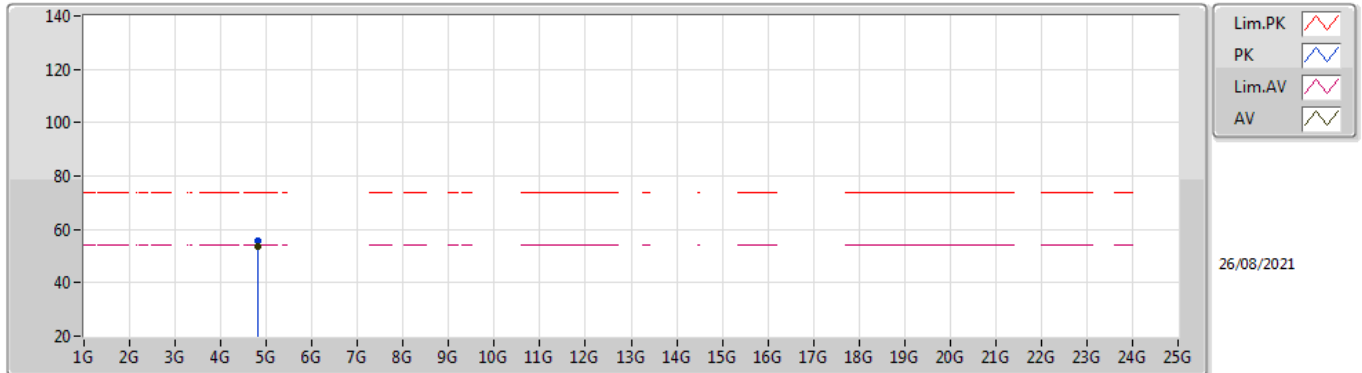
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	48.51	54.00	-5.49	5.79	3	Vertical	34	1.11	-	42.72	31.15	8.92	34.28
PK	4.82396G	51.62	74.00	-22.38	5.79	3	Vertical	34	1.11	-	45.83	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

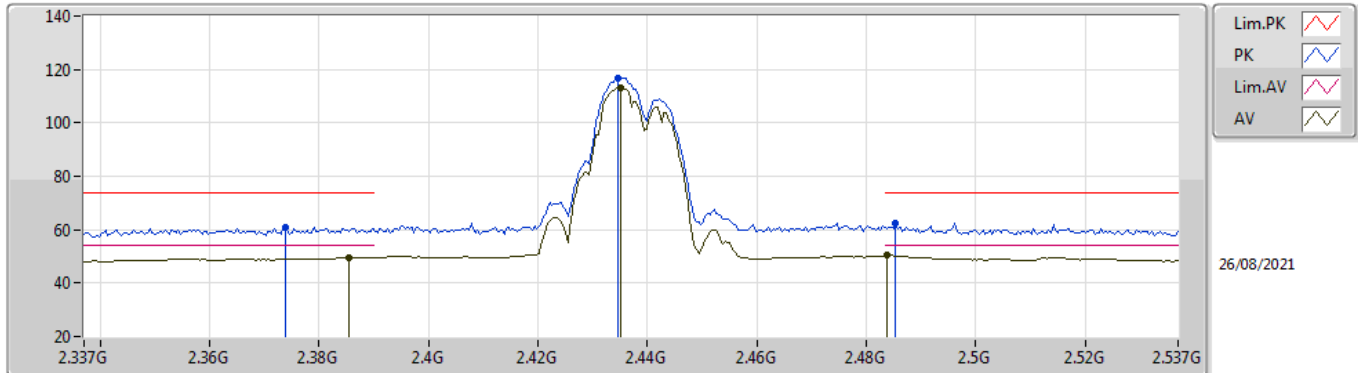
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	53.74	54.00	-0.26	5.79	3	Horizontal	224	1.94	-	47.95	31.15	8.92	34.28
PK	4.824G	55.63	74.00	-18.37	5.79	3	Horizontal	224	1.94	-	49.84	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

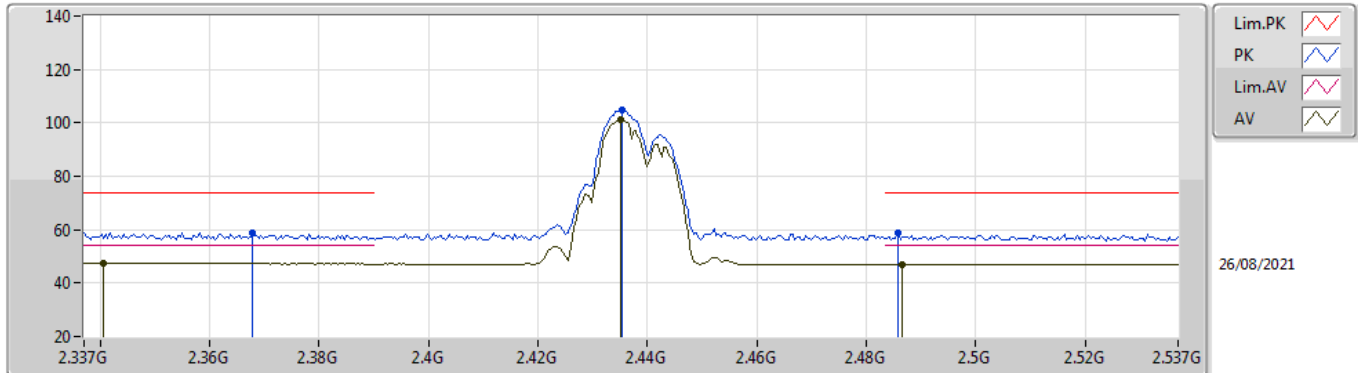
2437MHz_TX



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	2.3854G	49.55	54.00	-4.45	34.98	3	Vertical	6	1.50	-	14.57	27.73	7.25	-
AV	2.435G	113.29	Inf	-Inf	34.78	3	Vertical	6	1.50	-	78.51	27.49	7.29	-
AV	2.4838G	50.37	54.00	-3.63	34.73	3	Vertical	6	1.50	-	15.64	27.40	7.33	-
PK	2.3738G	60.68	74.00	-13.32	35.00	3	Vertical	6	1.50	-	25.68	27.75	7.25	-
PK	2.4346G	116.83	Inf	-Inf	34.78	3	Vertical	6	1.50	-	82.05	27.49	7.29	-
PK	2.4854G	62.32	74.00	-11.68	34.73	3	Vertical	6	1.50	-	27.59	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

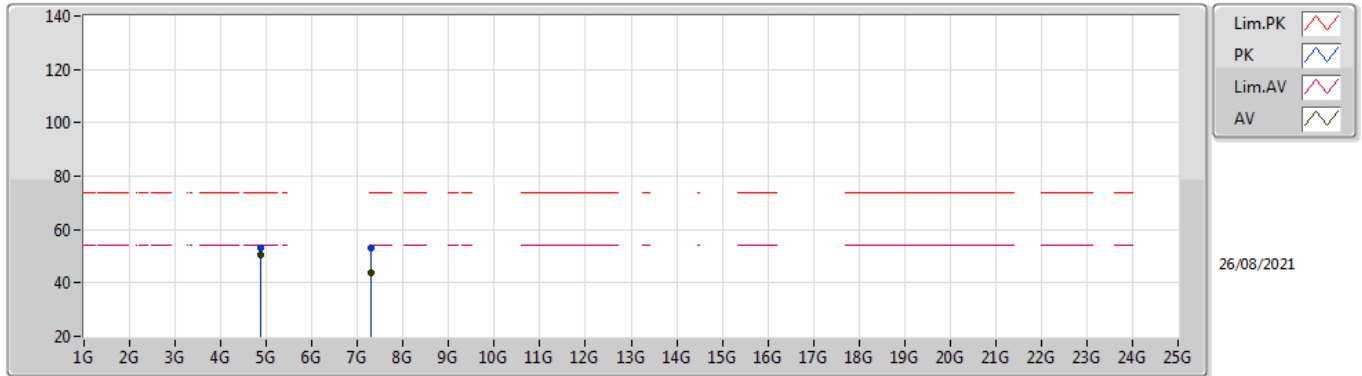
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3406G	47.40	54.00	-6.60	35.05	3	Horizontal	325	1.99	-	12.35	27.82	7.23	-
AV	2.435G	101.04	Inf	-Inf	34.78	3	Horizontal	325	1.99	-	66.26	27.49	7.29	-
AV	2.4866G	46.99	54.00	-7.01	34.73	3	Horizontal	325	1.99	-	12.26	27.40	7.33	-
PK	2.3678G	58.94	74.00	-15.06	35.01	3	Horizontal	325	1.99	-	23.93	27.76	7.25	-
PK	2.4354G	104.64	Inf	-Inf	34.78	3	Horizontal	325	1.99	-	69.86	27.49	7.29	-
PK	2.4858G	58.74	74.00	-15.26	34.73	3	Horizontal	325	1.99	-	24.01	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

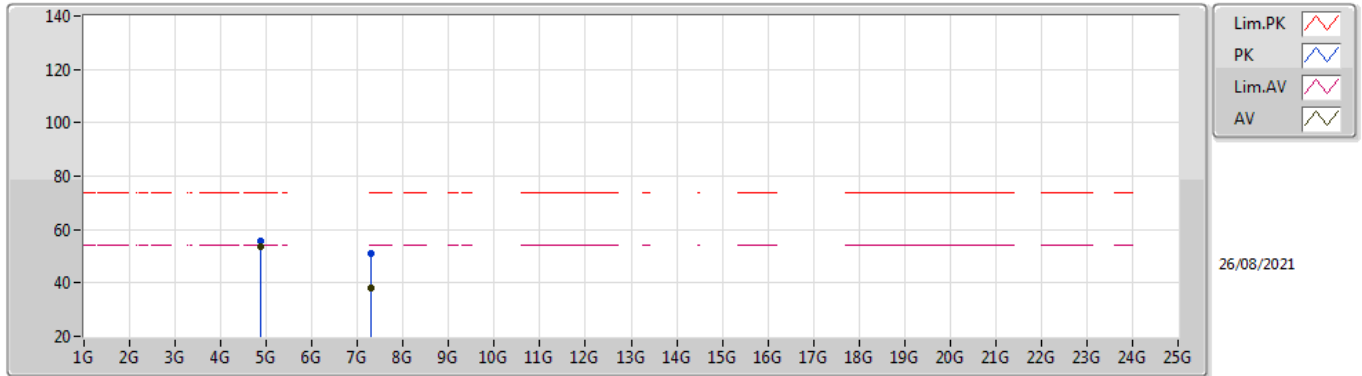
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	50.47	54.00	-3.53	5.90	3	Vertical	214	2.14	-	44.57	31.20	8.96	34.26
AV	7.31016G	43.57	54.00	-10.43	12.43	3	Vertical	323	1.50	-	31.14	36.38	10.62	34.57
PK	4.87396G	52.93	74.00	-21.07	5.90	3	Vertical	214	2.14	-	47.03	31.20	8.96	34.26
PK	7.30956G	53.01	74.00	-20.99	12.43	3	Vertical	323	1.50	-	40.58	36.38	10.62	34.57

802.11b_Nss1,(1Mbps)_2TX

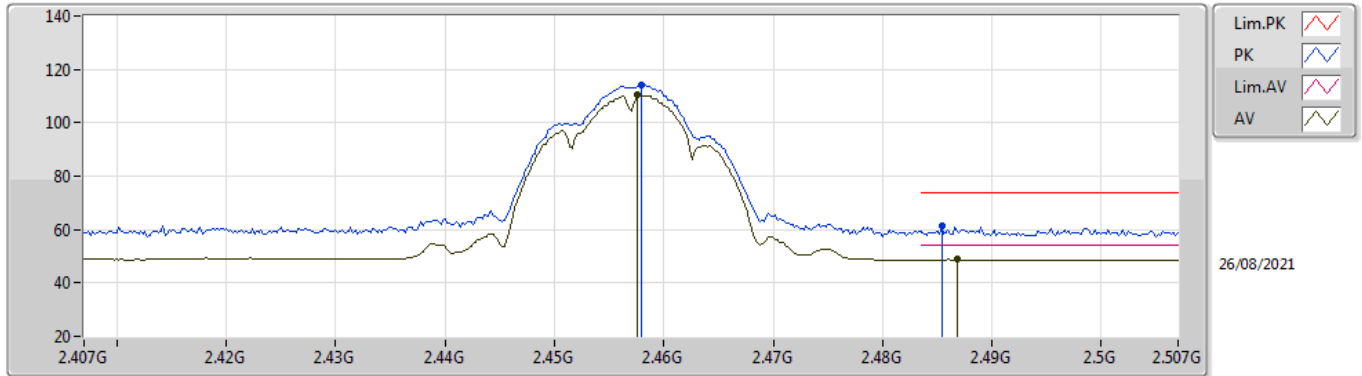
2437MHz_TX



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	4.87396G	53.86	54.00	-0.14	5.90	3	Horizontal	223	1.88	-	47.96	31.20	8.96	34.26
AV	7.30812G	37.87	54.00	-16.13	12.43	3	Horizontal	216	1.43	-	25.44	36.38	10.62	34.57
PK	4.874G	55.88	74.00	-18.12	5.90	3	Horizontal	223	1.88	-	49.98	31.20	8.96	34.26
PK	7.30904G	50.84	74.00	-23.16	12.43	3	Horizontal	216	1.43	-	38.41	36.38	10.62	34.57

802.11b_Nss1,(1Mbps)_2TX

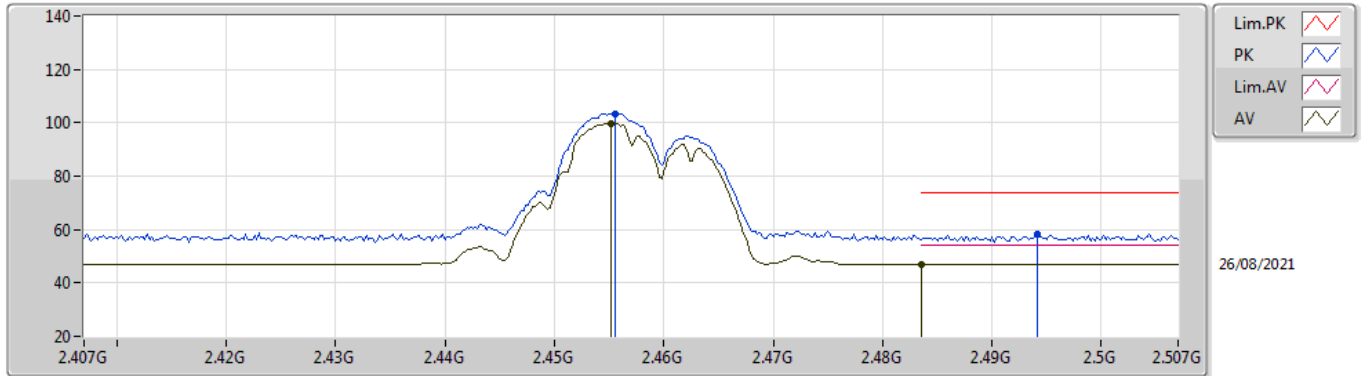
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4576G	110.28	Inf	-Inf	34.71	3	Vertical	37	1.47	-	75.57	27.40	7.31	-
AV	2.4868G	48.79	54.00	-5.21	34.73	3	Vertical	37	1.47	-	14.06	27.40	7.33	-
PK	2.458G	114.32	Inf	-Inf	34.71	3	Vertical	37	1.47	-	79.61	27.40	7.31	-
PK	2.4854G	61.14	74.00	-12.86	34.73	3	Vertical	37	1.47	-	26.41	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

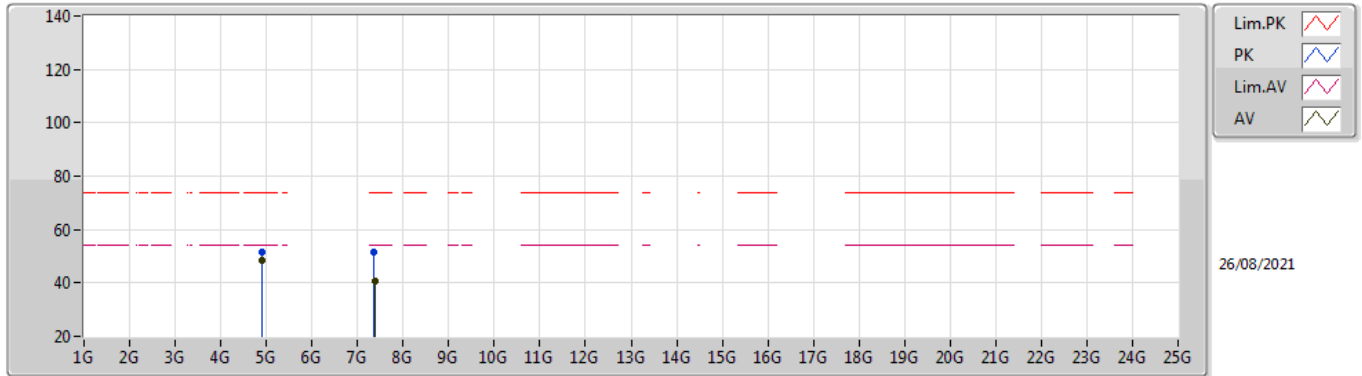
2457MHz_TX



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	2.4552G	99.90	Inf	-Inf	34.70	3	Horizontal	326	1.92	-	65.20	27.40	7.30	-
AV	2.4836G	46.93	54.00	-7.07	34.73	3	Horizontal	326	1.92	-	12.20	27.40	7.33	-
PK	2.4556G	103.47	Inf	-Inf	34.70	3	Horizontal	326	1.92	-	68.77	27.40	7.30	-
PK	2.4942G	58.34	74.00	-15.66	34.74	3	Horizontal	326	1.92	-	23.60	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

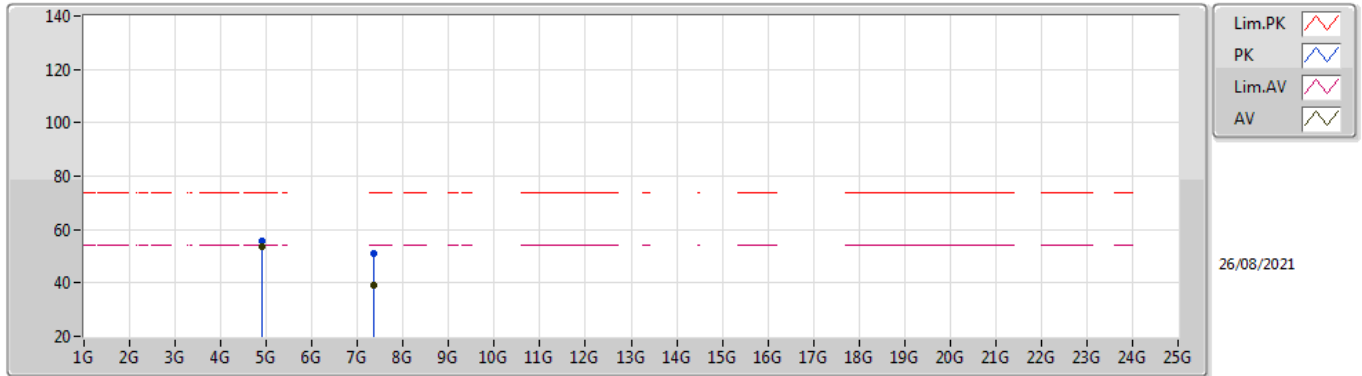
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91396G	48.51	54.00	-5.49	6.00	3	Vertical	184	1.94	-	42.51	31.26	8.99	34.25
AV	7.3738G	40.93	54.00	-13.07	12.35	3	Vertical	324	1.50	-	28.58	36.25	10.68	34.58
PK	4.914G	51.58	74.00	-22.42	6.00	3	Vertical	184	1.94	-	45.58	31.26	8.99	34.25
PK	7.36636G	51.68	74.00	-22.32	12.37	3	Vertical	324	1.50	-	39.31	36.27	10.68	34.58

802.11b_Nss1,(1Mbps)_2TX

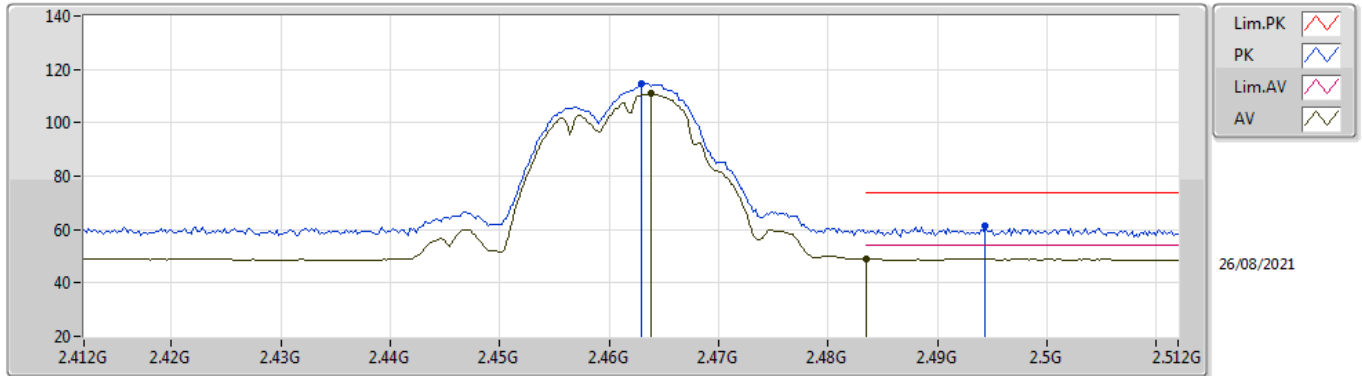
2457MHz_TX



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	4.91396G	53.82	54.00	-0.18	6.00	3	Horizontal	221	1.88	-	47.82	31.26	8.99	34.25
AV	7.37016G	38.88	54.00	-15.12	12.36	3	Horizontal	317	1.92	-	26.52	36.26	10.68	34.58
PK	4.91396G	55.78	74.00	-18.22	6.00	3	Horizontal	221	1.88	-	49.78	31.26	8.99	34.25
PK	7.36976G	51.02	74.00	-22.98	12.36	3	Horizontal	317	1.92	-	38.66	36.26	10.68	34.58

802.11b_Nss1,(1Mbps)_2TX

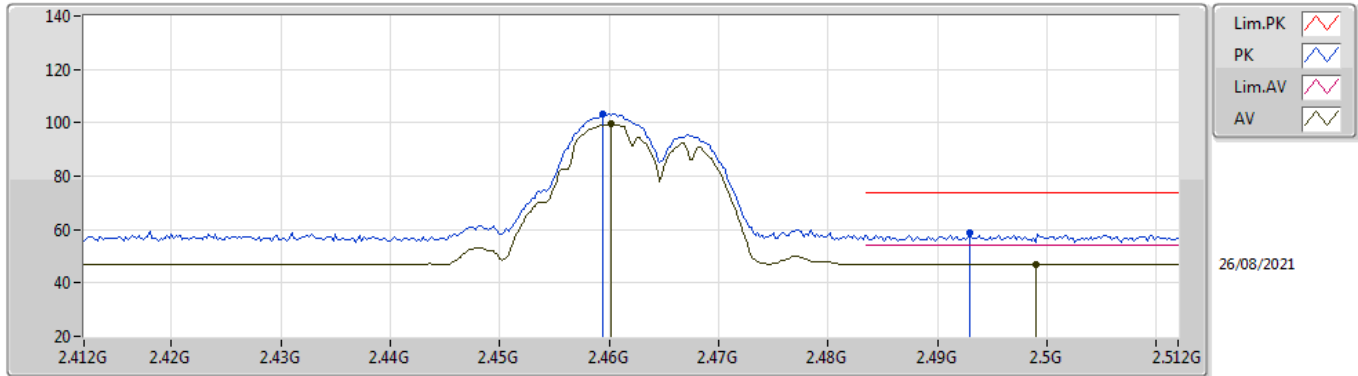
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4638G	111.02	Inf	-Inf	34.71	3	Vertical	30	1.85	-	76.31	27.40	7.31	-
AV	2.4835G	49.07	54.00	-4.93	34.73	3	Vertical	30	1.85	-	14.34	27.40	7.33	-
PK	2.463G	114.47	Inf	-Inf	34.71	3	Vertical	30	1.85	-	79.76	27.40	7.31	-
PK	2.4944G	61.13	74.00	-12.87	34.74	3	Vertical	30	1.85	-	26.39	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

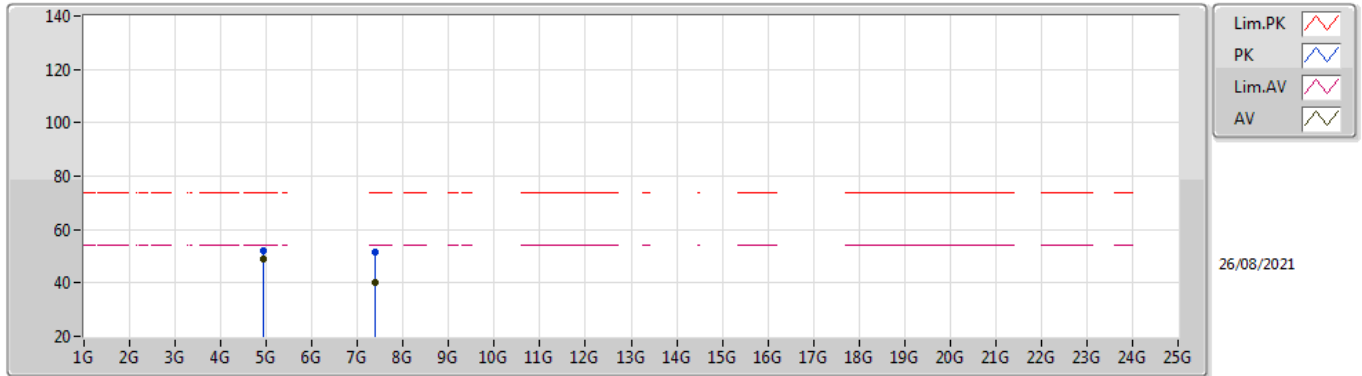
2462MHz_TX



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	2.4602G	99.63	Inf	-Inf	34.71	3	Horizontal	327	2.10	-	64.92	27.40	7.31	-
AV	2.499G	46.98	54.00	-7.02	34.74	3	Horizontal	327	2.10	-	12.24	27.40	7.34	-
PK	2.4594G	103.19	Inf	-Inf	34.71	3	Horizontal	327	2.10	-	68.48	27.40	7.31	-
PK	2.493G	58.73	74.00	-15.27	34.73	3	Horizontal	327	2.10	-	24.00	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

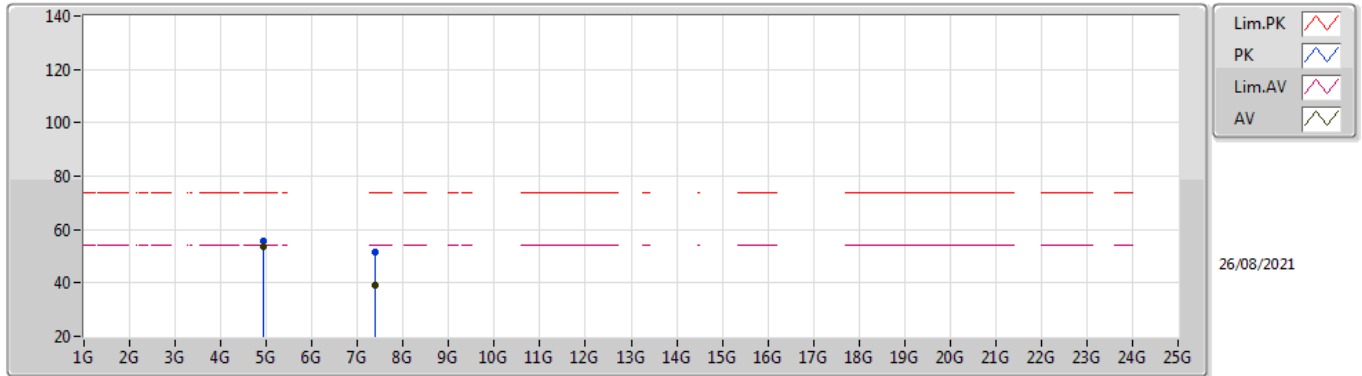
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	49.04	54.00	-4.96	6.04	3	Vertical	183	1.72	-	43.00	31.30	8.99	34.25
AV	7.38868G	40.39	54.00	-13.61	12.34	3	Vertical	327	1.46	-	28.05	36.22	10.70	34.58
PK	4.9238G	52.18	74.00	-21.82	6.04	3	Vertical	183	1.72	-	46.14	31.30	8.99	34.25
PK	7.3892G	51.55	74.00	-22.45	12.34	3	Vertical	327	1.46	-	39.21	36.22	10.70	34.58

802.11b_Nss1,(1Mbps)_2TX

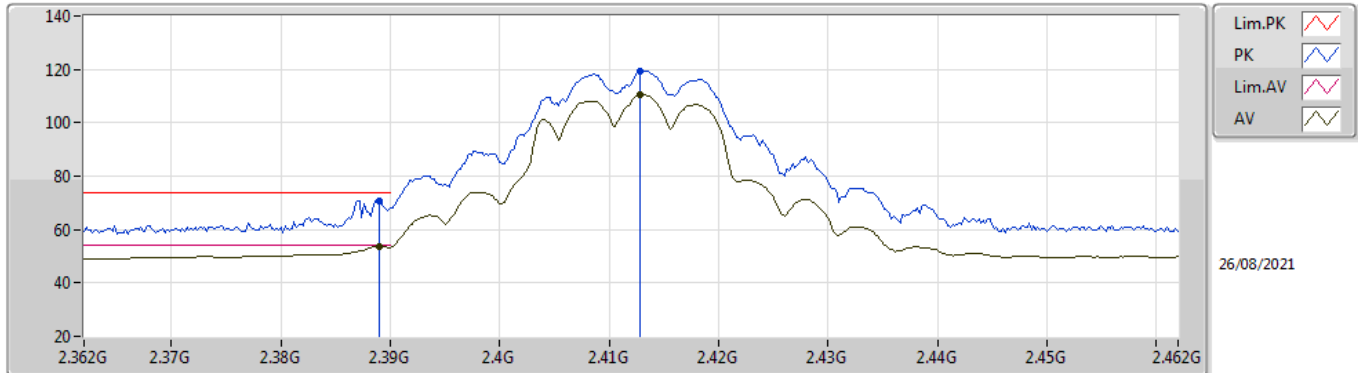
2462MHz_TX



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	4.92396G	53.85	54.00	-0.15	6.04	3	Horizontal	221	1.98	-	47.81	31.30	8.99	34.25
AV	7.38528G	39.03	54.00	-14.97	12.35	3	Horizontal	312	1.88	-	26.68	36.23	10.70	34.58
PK	4.924G	55.84	74.00	-18.16	6.04	3	Horizontal	221	1.98	-	49.80	31.30	8.99	34.25
PK	7.38384G	51.52	74.00	-22.48	12.34	3	Horizontal	312	1.88	-	39.18	36.23	10.69	34.58

802.11g_Nss1,(6Mbps)_2TX

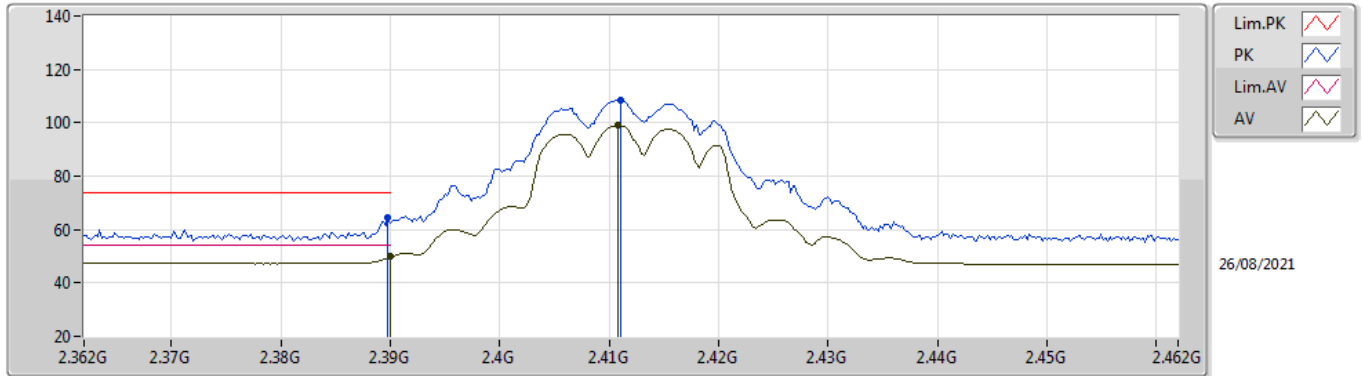
2412MHz_TX



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	2.389G	53.86	54.00	-0.14	34.98	3	Vertical	26	1.58	-	18.88	27.72	7.26	-
AV	2.4128G	110.29	Inf	-Inf	34.89	3	Vertical	26	1.58	-	75.40	27.62	7.27	-
PK	2.389G	70.85	74.00	-3.15	34.98	3	Vertical	26	1.58	-	35.87	27.72	7.26	-
PK	2.4128G	119.51	Inf	-Inf	34.89	3	Vertical	26	1.58	-	84.62	27.62	7.27	-

802.11g_Nss1,(6Mbps)_2TX

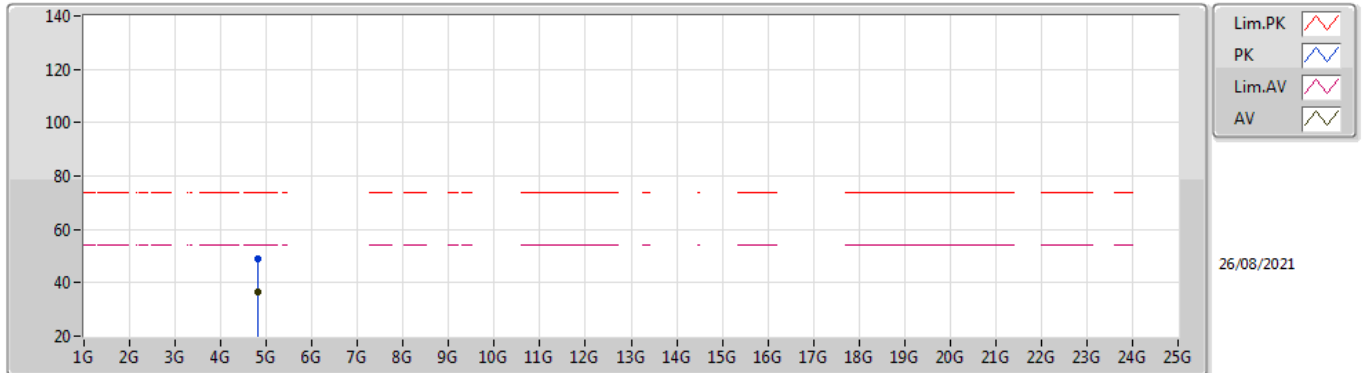
2412MHz_TX



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	49.80	54.00	-4.20	34.98	3	Horizontal	326	1.75	-	14.82	27.72	7.26	-
AV	2.4108G	99.03	Inf	-Inf	34.91	3	Horizontal	326	1.75	-	64.12	27.64	7.27	-
PK	2.3898G	64.48	74.00	-9.52	34.98	3	Horizontal	326	1.75	-	29.50	27.72	7.26	-
PK	2.411G	108.36	Inf	-Inf	34.90	3	Horizontal	326	1.75	-	73.46	27.63	7.27	-

802.11g_Nss1,(6Mbps)_2TX

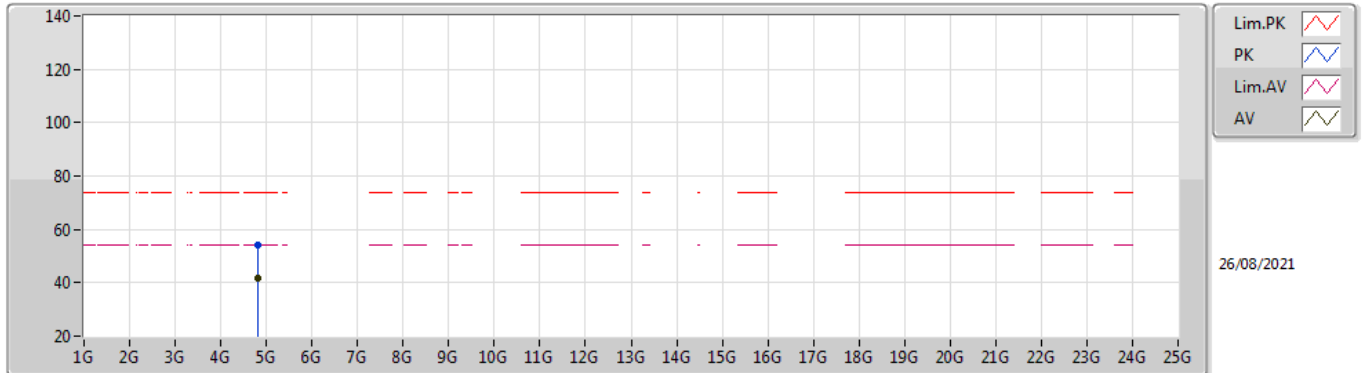
2412MHz_TX



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	4.82412G	36.32	54.00	-17.68	5.79	3	Vertical	36	1.27	-	30.53	31.15	8.92	34.28
PK	4.81842G	48.97	74.00	-25.03	5.77	3	Vertical	36	1.27	-	43.20	31.14	8.91	34.28

802.11g_Nss1,(6Mbps)_2TX

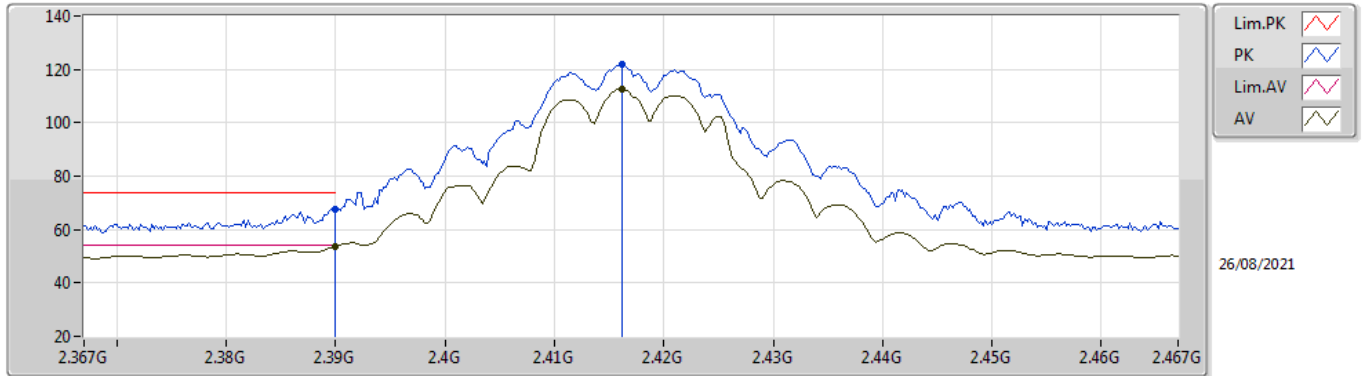
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	41.51	54.00	-12.49	5.79	3	Horizontal	222	1.96	-	35.72	31.15	8.92	34.28
PK	4.81842G	54.02	74.00	-19.98	5.77	3	Horizontal	222	1.96	-	48.25	31.14	8.91	34.28

802.11g_Nss1,(6Mbps)_2TX

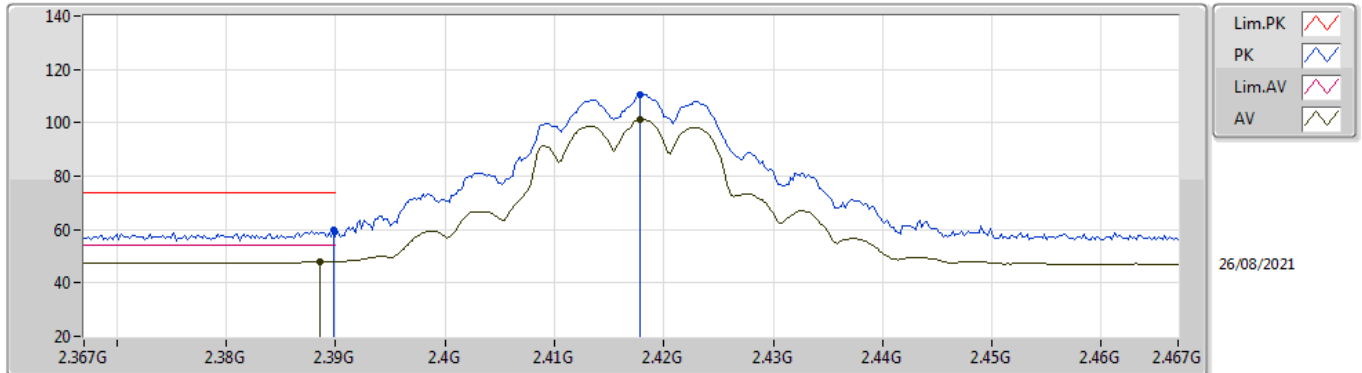
2417MHz_TX



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	53.64	54.00	-0.36	34.98	3	Vertical	31	1.64	-	18.66	27.72	7.26	-
AV	2.4162G	112.55	Inf	-Inf	34.87	3	Vertical	31	1.64	-	77.68	27.60	7.27	-
PK	2.39G	67.51	74.00	-6.49	34.98	3	Vertical	31	1.64	-	32.53	27.72	7.26	-
PK	2.4162G	121.88	Inf	-Inf	34.87	3	Vertical	31	1.64	-	87.01	27.60	7.27	-

802.11g_Nss1,(6Mbps)_2TX

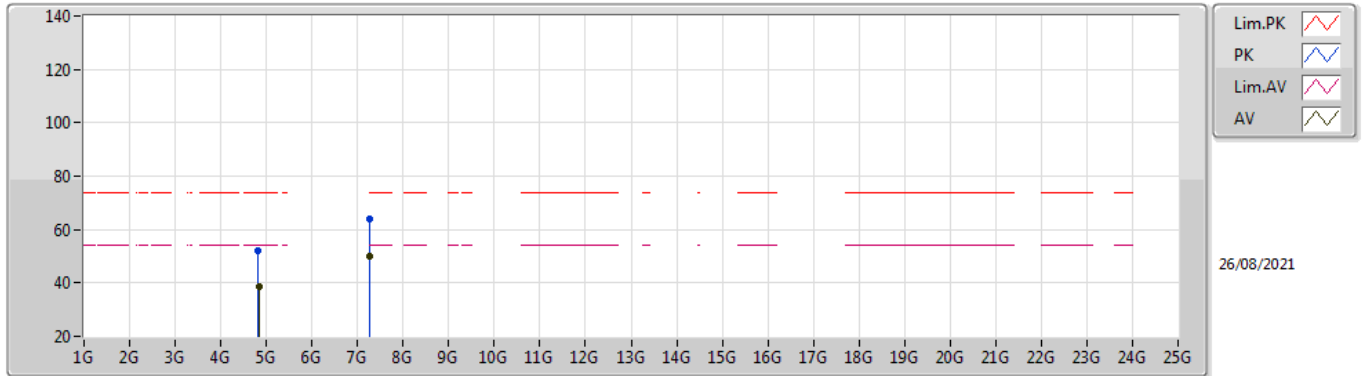
2417MHz_TX



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	2.3886G	47.98	54.00	-6.02	34.97	3	Horizontal	326	2.14	-	13.01	27.72	7.25	-
AV	2.4178G	101.16	Inf	-Inf	34.86	3	Horizontal	326	2.14	-	66.30	27.59	7.27	-
PK	2.3898G	59.75	74.00	-14.25	34.98	3	Horizontal	326	2.14	-	24.77	27.72	7.26	-
PK	2.4178G	110.60	Inf	-Inf	34.86	3	Horizontal	326	2.14	-	75.74	27.59	7.27	-

802.11g_Nss1,(6Mbps)_2TX

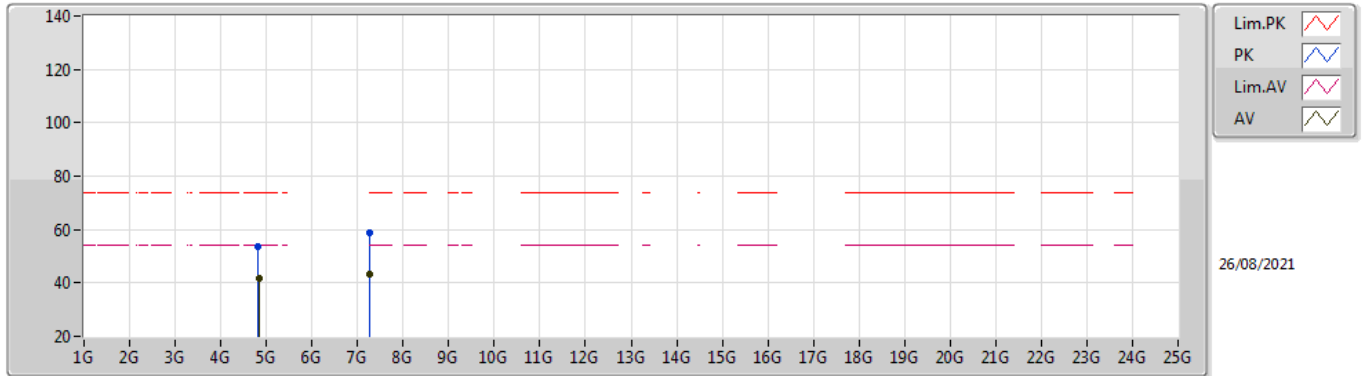
2417MHz_TX



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	4.83376G	38.87	54.00	-15.13	5.82	3	Vertical	213	2.22	-	33.05	31.17	8.93	34.28
AV	7.25334G	49.89	54.00	-4.11	12.30	3	Vertical	328	2.28	-	37.59	36.31	10.56	34.57
PK	4.82824G	51.94	74.00	-22.06	5.80	3	Vertical	213	2.22	-	46.14	31.16	8.92	34.28
PK	7.25286G	63.76	74.00	-10.24	12.30	3	Vertical	328	2.28	-	51.46	36.31	10.56	34.57

802.11g_Nss1,(6Mbps)_2TX

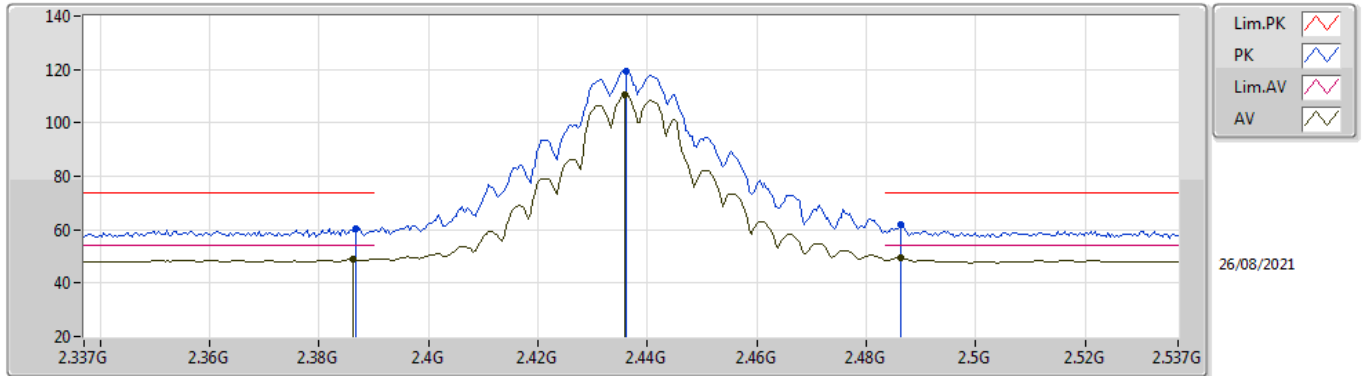
2417MHz_TX



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	4.834G	41.48	54.00	-12.52	5.82	3	Horizontal	226	2.05	-	35.66	31.17	8.93	34.28
AV	7.25286G	43.38	54.00	-10.62	12.30	3	Horizontal	213	1.50	-	31.08	36.31	10.56	34.57
PK	4.8283G	53.58	74.00	-20.42	5.80	3	Horizontal	226	2.05	-	47.78	31.16	8.92	34.28
PK	7.25299G	58.55	74.00	-15.45	12.30	3	Horizontal	213	1.50	-	46.25	36.31	10.56	34.57

802.11g_Nss1,(6Mbps)_2TX

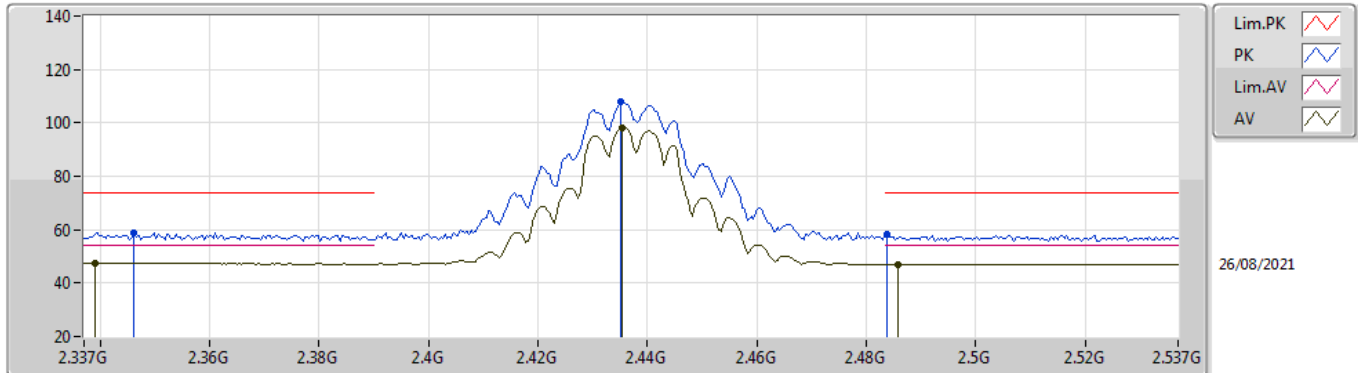
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	48.81	54.00	-5.19	34.98	3	Vertical	8	1.50	-	13.83	27.73	7.25	-
AV	2.4358G	110.30	Inf	-Inf	34.78	3	Vertical	8	1.50	-	75.52	27.49	7.29	-
AV	2.4862G	49.45	54.00	-4.55	34.73	3	Vertical	8	1.50	-	14.72	27.40	7.33	-
PK	2.3866G	60.46	74.00	-13.54	34.98	3	Vertical	8	1.50	-	25.48	27.73	7.25	-
PK	2.4362G	119.46	Inf	-Inf	34.77	3	Vertical	8	1.50	-	84.69	27.48	7.29	-
PK	2.4862G	61.75	74.00	-12.25	34.73	3	Vertical	8	1.50	-	27.02	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

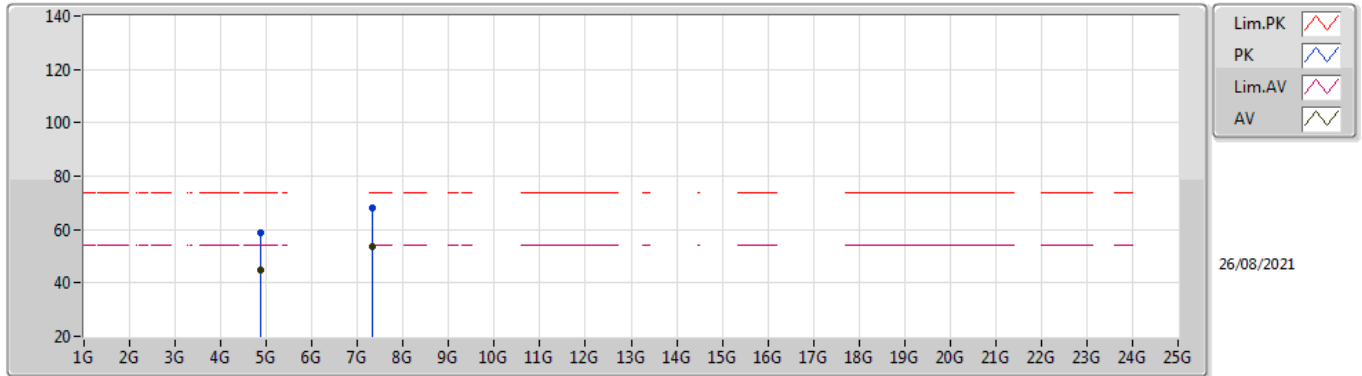
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.339G	47.34	54.00	-6.66	35.05	3	Horizontal	325	2.00	-	12.29	27.82	7.23	-
AV	2.4354G	98.33	Inf	-Inf	34.78	3	Horizontal	325	2.00	-	63.55	27.49	7.29	-
AV	2.4858G	46.94	54.00	-7.06	34.73	3	Horizontal	325	2.00	-	12.21	27.40	7.33	-
PK	2.3462G	59.00	74.00	-15.00	35.05	3	Horizontal	325	2.00	-	23.95	27.81	7.24	-
PK	2.435G	108.01	Inf	-Inf	34.78	3	Horizontal	325	2.00	-	73.23	27.49	7.29	-
PK	2.4838G	58.06	74.00	-15.94	34.73	3	Horizontal	325	2.00	-	23.33	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

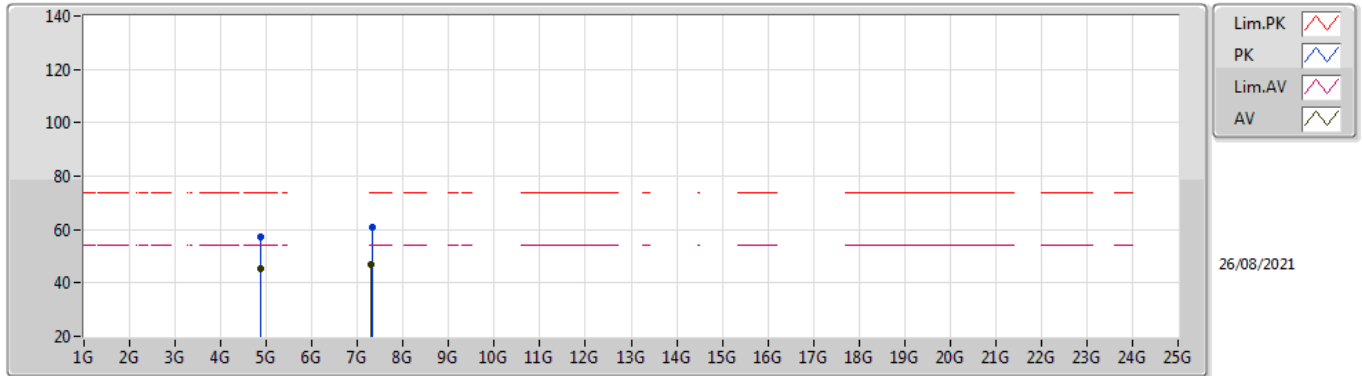
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87418G	44.96	54.00	-9.04	5.90	3	Vertical	66	1.05	-	39.06	31.20	8.96	34.26
AV	7.31064G	53.87	54.00	-0.13	12.43	3	Vertical	322	1.57	-	41.44	36.38	10.62	34.57
PK	4.86938G	58.78	74.00	-15.22	5.89	3	Vertical	66	1.05	-	52.89	31.20	8.95	34.26
PK	7.31064G	68.06	74.00	-5.94	12.43	3	Vertical	322	1.57	-	55.63	36.38	10.62	34.57

802.11g_Nss1,(6Mbps)_2TX

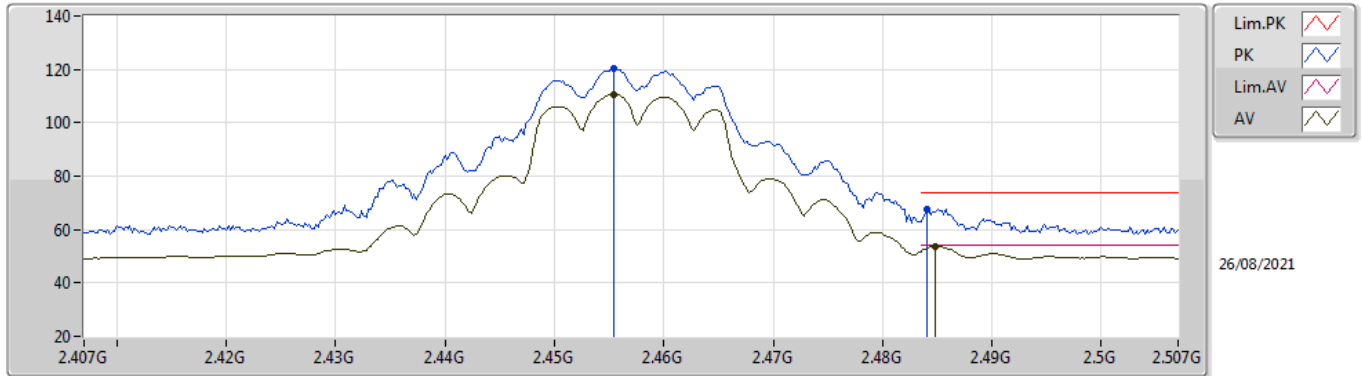
2437MHz_TX



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	4.87412G	45.14	54.00	-8.86	5.90	3	Horizontal	224	1.87	-	39.24	31.20	8.96	34.26
AV	7.31004G	46.90	54.00	-7.10	12.43	3	Horizontal	212	1.50	-	34.47	36.38	10.62	34.57
PK	4.86842G	57.19	74.00	-16.81	5.89	3	Horizontal	224	1.87	-	51.30	31.20	8.95	34.26
PK	7.31022G	60.90	74.00	-13.10	12.43	3	Horizontal	212	1.50	-	48.47	36.38	10.62	34.57

802.11g_Nss1,(6Mbps)_2TX

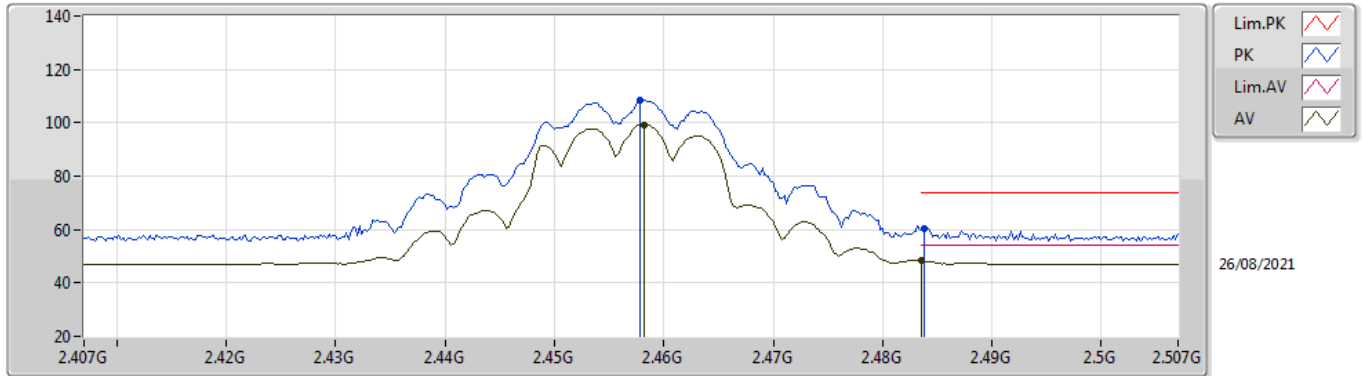
2457MHz_TX



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	2.4554G	110.61	Inf	-Inf	34.70	3	Vertical	22	1.50	-	75.91	27.40	7.30	-
AV	2.4848G	53.74	54.00	-0.26	34.73	3	Vertical	22	1.50	-	19.01	27.40	7.33	-
PK	2.4554G	120.24	Inf	-Inf	34.70	3	Vertical	22	1.50	-	85.54	27.40	7.30	-
PK	2.484G	67.55	74.00	-6.45	34.73	3	Vertical	22	1.50	-	32.82	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

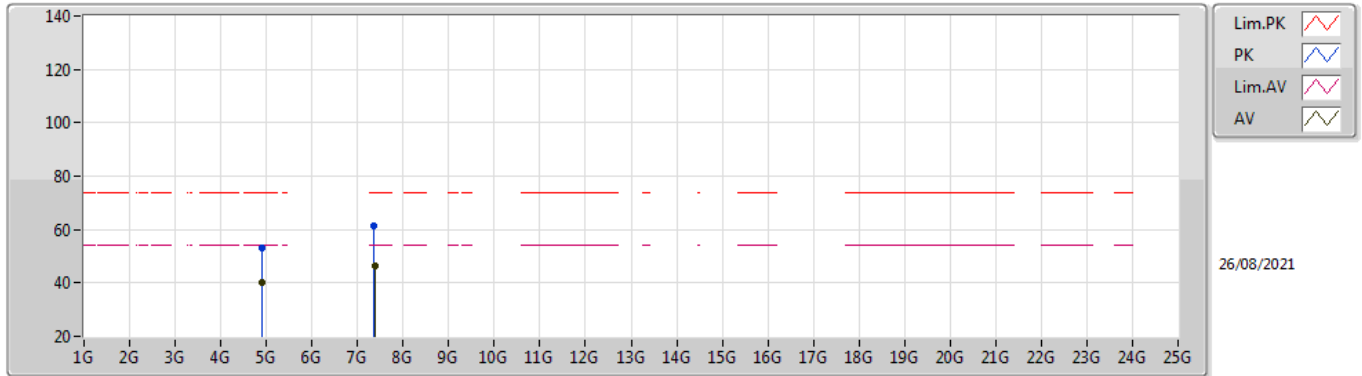
2457MHz_TX



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	2.4582G	99.33	Inf	-Inf	34.71	3	Horizontal	328	1.62	-	64.62	27.40	7.31	-
AV	2.4835G	48.21	54.00	-5.79	34.73	3	Horizontal	328	1.62	-	13.48	27.40	7.33	-
PK	2.4578G	108.56	Inf	-Inf	34.71	3	Horizontal	328	1.62	-	73.85	27.40	7.31	-
PK	2.4838G	60.39	74.00	-13.61	34.73	3	Horizontal	328	1.62	-	25.66	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

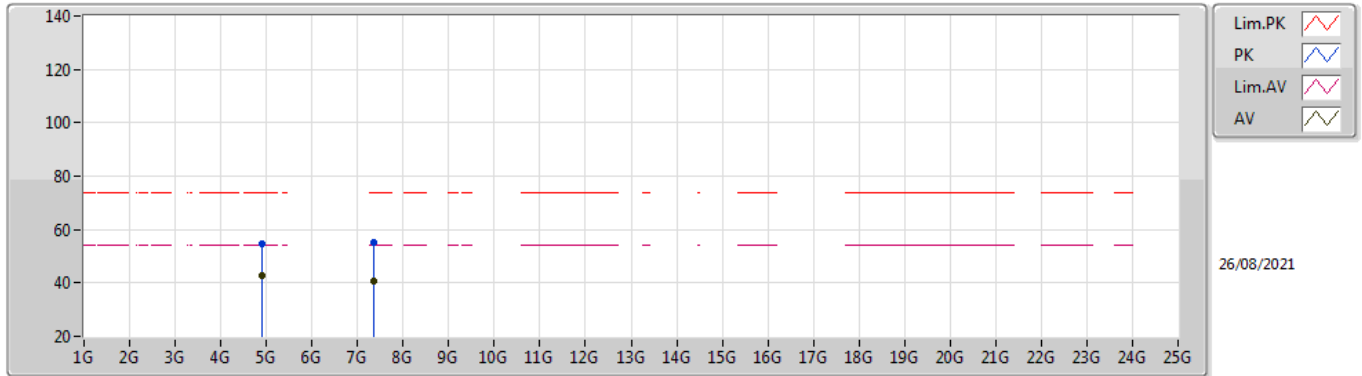
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91406G	39.98	54.00	-14.02	6.00	3	Vertical	212	1.90	-	33.98	31.26	8.99	34.25
AV	7.37118G	46.61	54.00	-7.39	12.36	3	Vertical	323	1.50	-	34.25	36.26	10.68	34.58
PK	4.90938G	53.27	74.00	-20.73	5.97	3	Vertical	212	1.90	-	47.30	31.24	8.98	34.25
PK	7.37046G	61.28	74.00	-12.72	12.36	3	Vertical	323	1.50	-	48.92	36.26	10.68	34.58

802.11g_Nss1,(6Mbps)_2TX

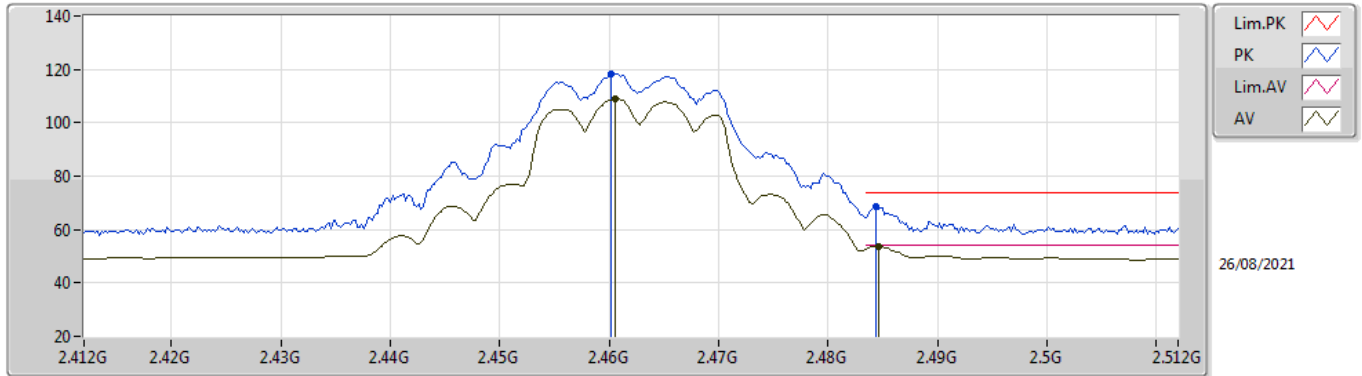
2457MHz_TX



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	4.91406G	42.52	54.00	-11.48	6.00	3	Horizontal	223	1.88	-	36.52	31.26	8.99	34.25
AV	7.36998G	40.81	54.00	-13.19	12.36	3	Horizontal	212	1.49	-	28.45	36.26	10.68	34.58
PK	4.90836G	54.56	74.00	-19.44	5.96	3	Horizontal	223	1.88	-	48.60	31.23	8.98	34.25
PK	7.3707G	54.92	74.00	-19.08	12.36	3	Horizontal	212	1.49	-	42.56	36.26	10.68	34.58

802.11g_Nss1,(6Mbps)_2TX

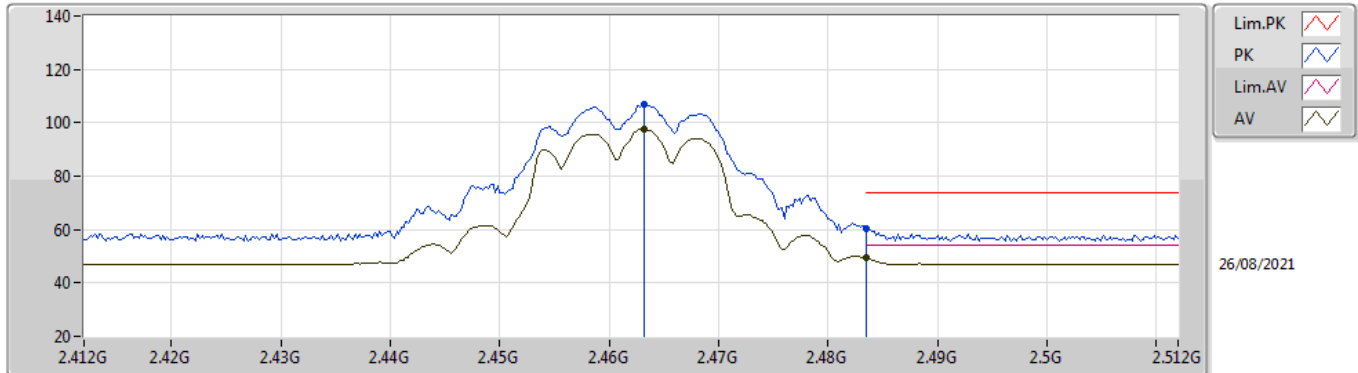
2462MHz_TX



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	2.4606G	108.78	Inf	-Inf	34.71	3	Vertical	24	1.86	-	74.07	27.40	7.31	-
AV	2.4846G	53.60	54.00	-0.40	34.73	3	Vertical	24	1.86	-	18.87	27.40	7.33	-
PK	2.4602G	118.49	Inf	-Inf	34.71	3	Vertical	24	1.86	-	83.78	27.40	7.31	-
PK	2.4844G	68.71	74.00	-5.29	34.73	3	Vertical	24	1.86	-	33.98	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

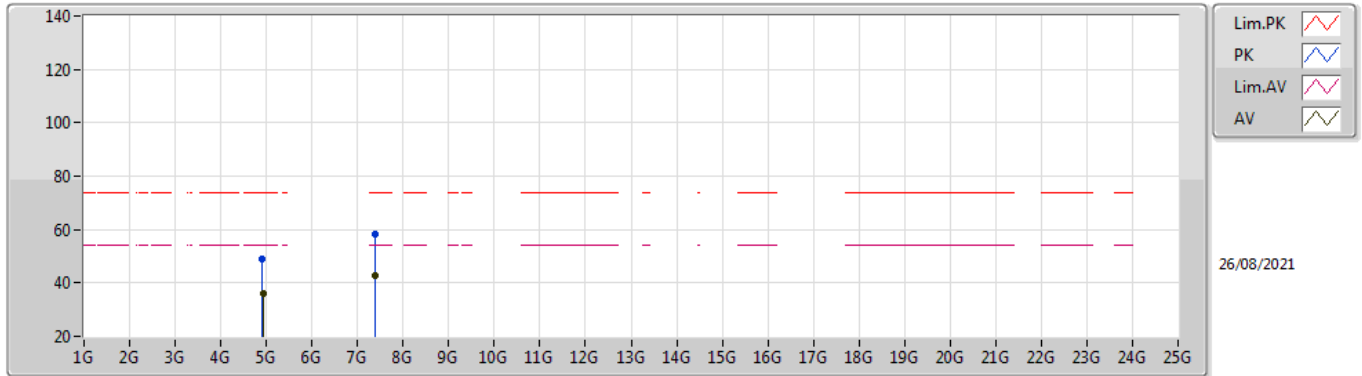
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4632G	97.48	Inf	-Inf	34.71	3	Horizontal	328	2.11	-	62.77	27.40	7.31	-
AV	2.4835G	49.33	54.00	-4.67	34.73	3	Horizontal	328	2.11	-	14.60	27.40	7.33	-
PK	2.4632G	106.76	Inf	-Inf	34.71	3	Horizontal	328	2.11	-	72.05	27.40	7.31	-
PK	2.4835G	60.49	74.00	-13.51	34.73	3	Horizontal	328	2.11	-	25.76	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

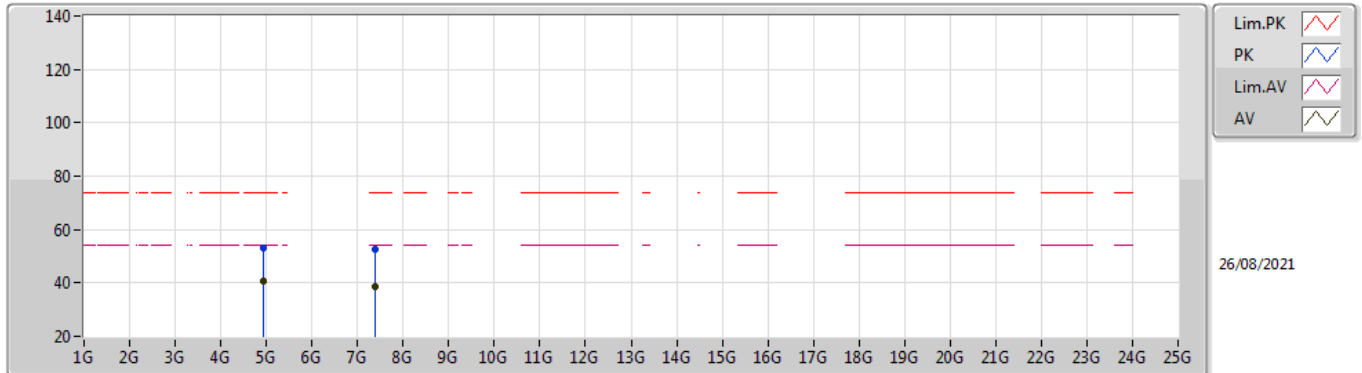
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92394G	36.22	54.00	-17.78	6.04	3	Vertical	182	1.84	-	30.18	31.30	8.99	34.25
AV	7.38618G	42.55	54.00	-11.45	12.35	3	Vertical	324	1.50	-	30.20	36.23	10.70	34.58
PK	4.91842G	48.82	74.00	-25.18	6.01	3	Vertical	182	1.84	-	42.81	31.27	8.99	34.25
PK	7.38636G	58.12	74.00	-15.88	12.35	3	Vertical	324	1.50	-	45.77	36.23	10.70	34.58

802.11g_Nss1,(6Mbps)_2TX

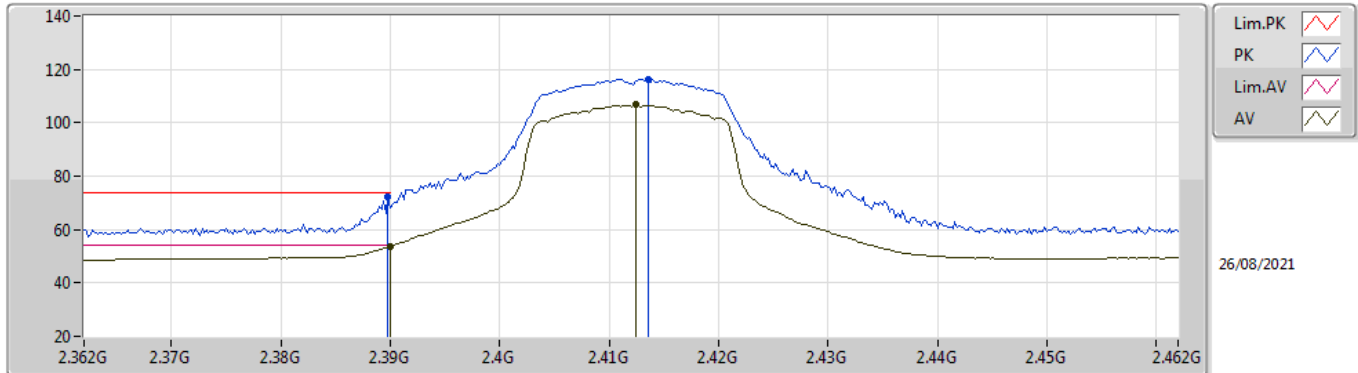
2462MHz_TX



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	4.92412G	40.92	54.00	-13.08	6.04	3	Horizontal	222	2.00	-	34.88	31.30	8.99	34.25
AV	7.38492G	38.74	54.00	-15.26	12.34	3	Horizontal	213	1.46	-	26.40	36.23	10.69	34.58
PK	4.92358G	52.96	74.00	-21.04	6.03	3	Horizontal	222	2.00	-	46.93	31.29	8.99	34.25
PK	7.38402G	52.33	74.00	-21.67	12.34	3	Horizontal	213	1.46	-	39.99	36.23	10.69	34.58

802.11n HT20_Nss1,(MCS0)_2TX

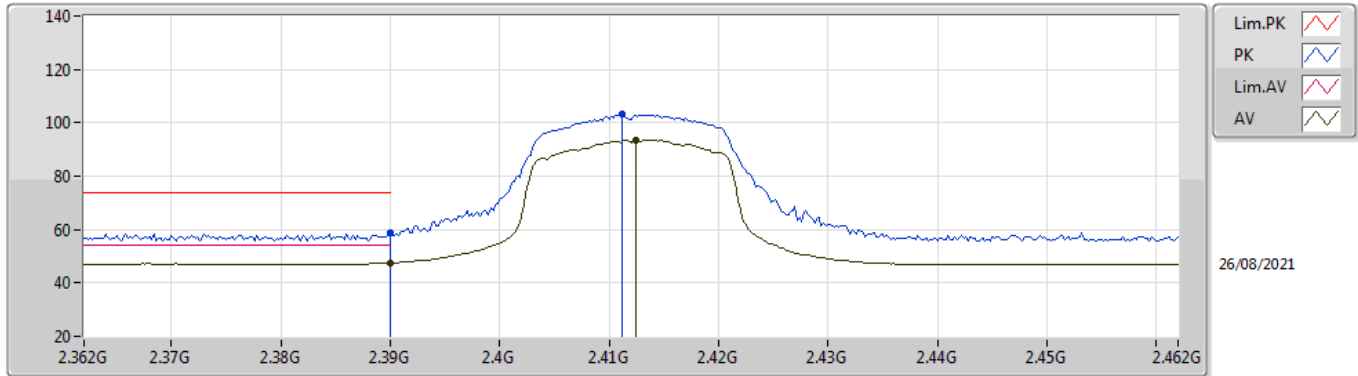
2412MHz_TX



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	53.80	54.00	-0.20	34.98	3	Vertical	39	1.50	-	18.82	27.72	7.26	-
AV	2.4124G	106.72	Inf	-Inf	34.90	3	Vertical	39	1.50	-	71.82	27.63	7.27	-
PK	2.3898G	72.17	74.00	-1.83	34.98	3	Vertical	39	1.50	-	37.19	27.72	7.26	-
PK	2.4136G	116.31	Inf	-Inf	34.89	3	Vertical	39	1.50	-	81.42	27.62	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

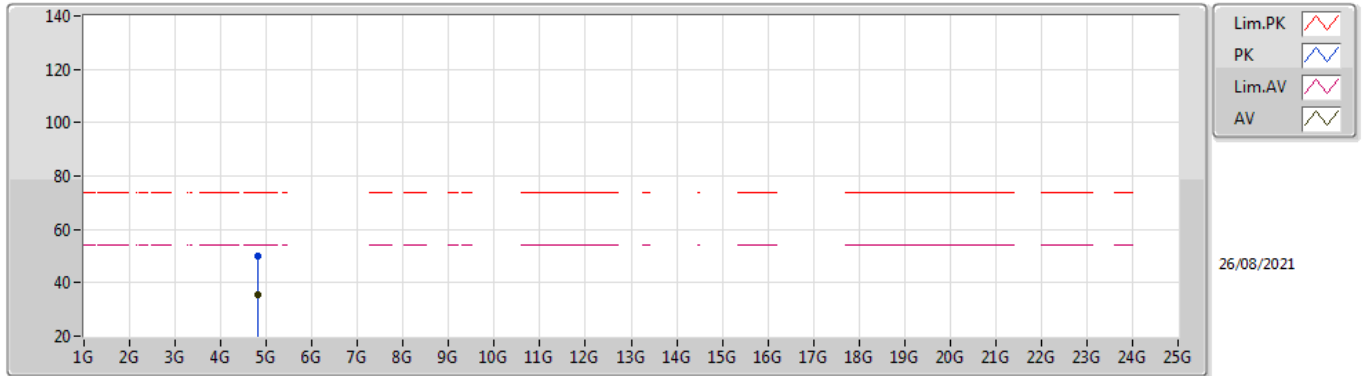
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.49	54.00	-6.51	34.98	3	Horizontal	55	1.49	-	12.51	27.72	7.26	-
AV	2.4124G	93.68	Inf	-Inf	34.90	3	Horizontal	55	1.49	-	58.78	27.63	7.27	-
PK	2.39G	58.83	74.00	-15.17	34.98	3	Horizontal	55	1.49	-	23.85	27.72	7.26	-
PK	2.4112G	103.02	Inf	-Inf	34.90	3	Horizontal	55	1.49	-	68.12	27.63	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

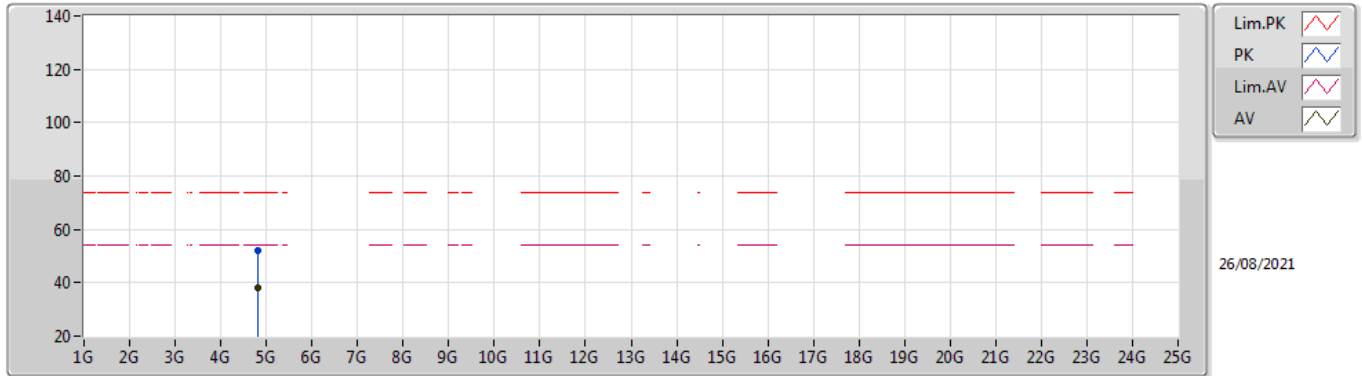
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82392G	35.61	54.00	-18.39	5.79	3	Vertical	213	2.02	-	29.82	31.15	8.92	34.28
PK	4.82564G	50.06	74.00	-23.94	5.79	3	Vertical	213	2.02	-	44.27	31.15	8.92	34.28

802.11n HT20_Nss1,(MCS0)_2TX

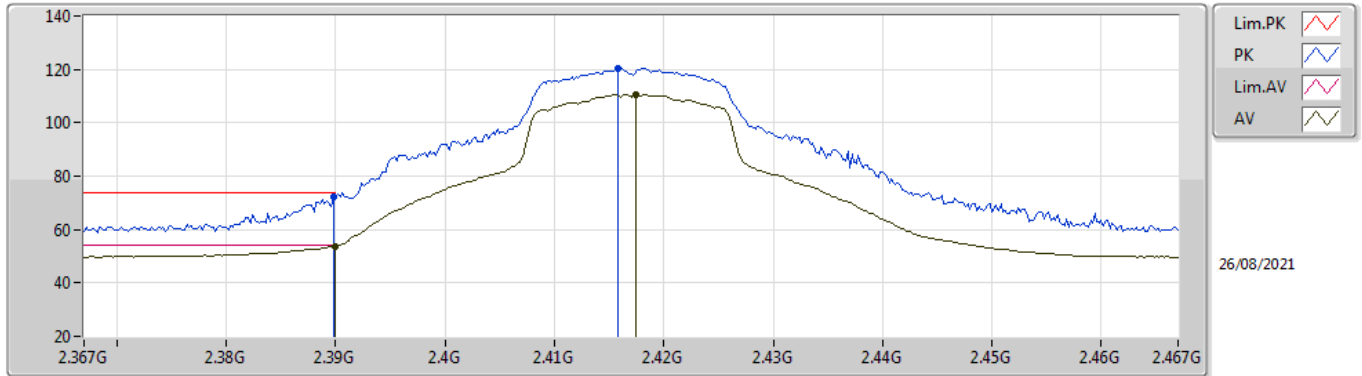
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82384G	37.87	54.00	-16.13	5.79	3	Horizontal	225	1.92	-	32.08	31.15	8.92	34.28
PK	4.82328G	52.30	74.00	-21.70	5.79	3	Horizontal	225	1.92	-	46.51	31.15	8.92	34.28

802.11n HT20_Nss1,(MCS0)_2TX

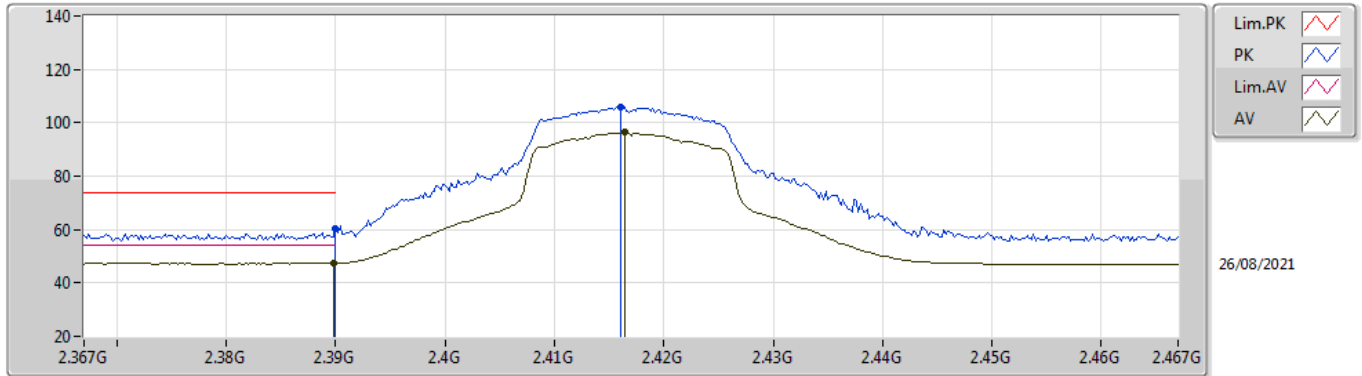
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.78	54.00	-0.22	34.98	3	Vertical	39	1.50	-	18.80	27.72	7.26	-
AV	2.4174G	110.71	Inf	-Inf	34.87	3	Vertical	39	1.50	-	75.84	27.60	7.27	-
PK	2.3898G	72.27	74.00	-1.73	34.98	3	Vertical	39	1.50	-	37.29	27.72	7.26	-
PK	2.4158G	120.43	Inf	-Inf	34.88	3	Vertical	39	1.50	-	85.55	27.61	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

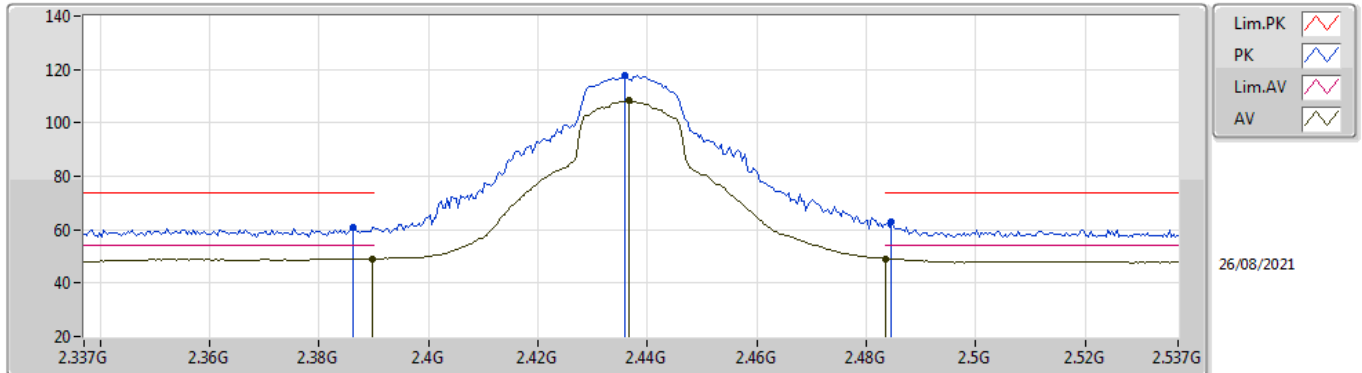
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.40	54.00	-6.60	34.98	3	Horizontal	234	1.82	-	12.42	27.72	7.26	-
AV	2.4164G	96.35	Inf	-Inf	34.87	3	Horizontal	234	1.82	-	61.48	27.60	7.27	-
PK	2.39G	60.40	74.00	-13.60	34.98	3	Horizontal	234	1.82	-	25.42	27.72	7.26	-
PK	2.416G	105.92	Inf	-Inf	34.87	3	Horizontal	234	1.82	-	71.05	27.60	7.27	-

802.11n HT20_Nss1,(MCS0)_2TX

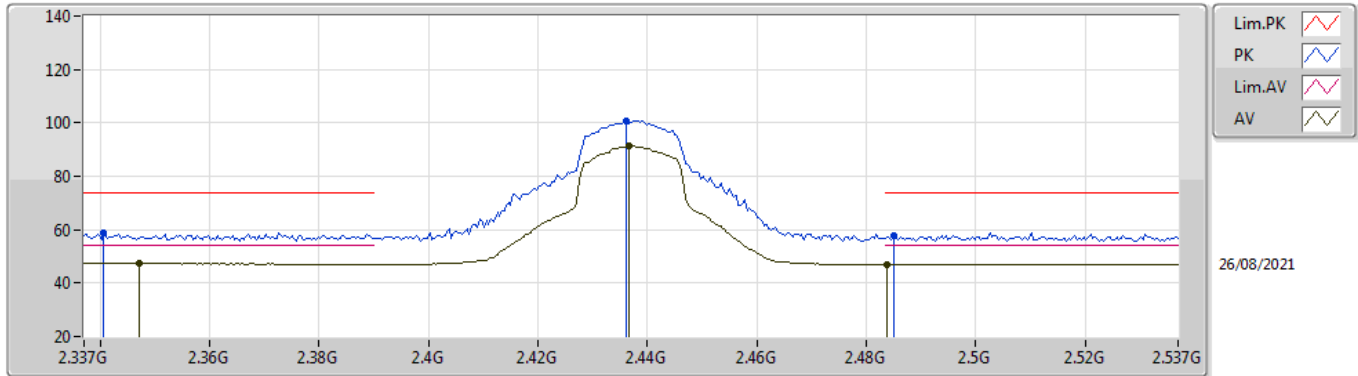
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.20	54.00	-4.80	34.98	3	Vertical	360	1.50	-	14.22	27.72	7.26	-
AV	2.4366G	108.22	Inf	-Inf	34.77	3	Vertical	360	1.50	-	73.45	27.48	7.29	-
AV	2.4835G	49.19	54.00	-4.81	34.73	3	Vertical	360	1.50	-	14.46	27.40	7.33	-
PK	2.3862G	60.95	74.00	-13.05	34.98	3	Vertical	360	1.50	-	25.97	27.73	7.25	-
PK	2.4358G	117.78	Inf	-Inf	34.78	3	Vertical	360	1.50	-	83.00	27.49	7.29	-
PK	2.4846G	62.88	74.00	-11.12	34.73	3	Vertical	360	1.50	-	28.15	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

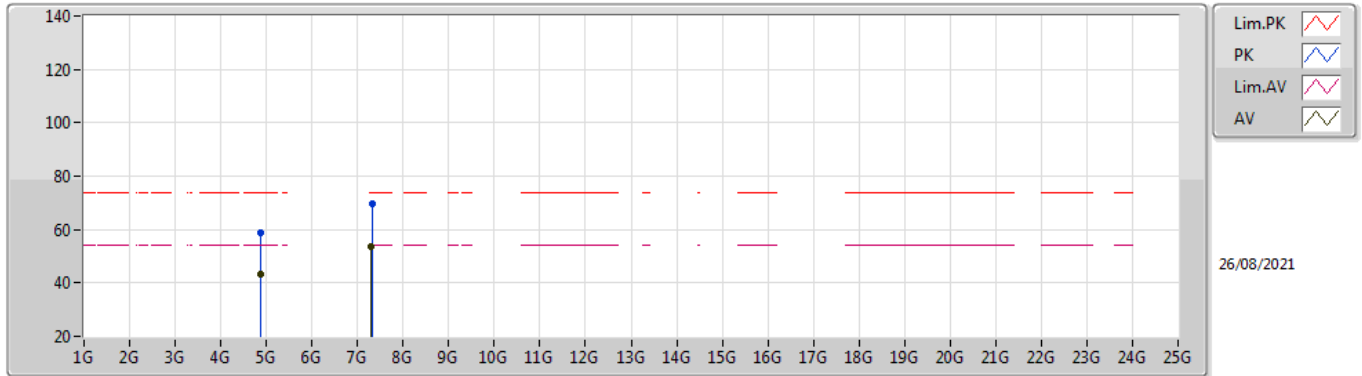
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.347G	47.31	54.00	-6.69	35.05	3	Horizontal	314	1.77	-	12.26	27.81	7.24	-
AV	2.4366G	91.35	Inf	-Inf	34.77	3	Horizontal	314	1.77	-	56.58	27.48	7.29	-
AV	2.4838G	46.88	54.00	-7.12	34.73	3	Horizontal	314	1.77	-	12.15	27.40	7.33	-
PK	2.3406G	58.73	74.00	-15.27	35.05	3	Horizontal	314	1.77	-	23.68	27.82	7.23	-
PK	2.4362G	100.83	Inf	-Inf	34.77	3	Horizontal	314	1.77	-	66.06	27.48	7.29	-
PK	2.485G	57.75	74.00	-16.25	34.73	3	Horizontal	314	1.77	-	23.02	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

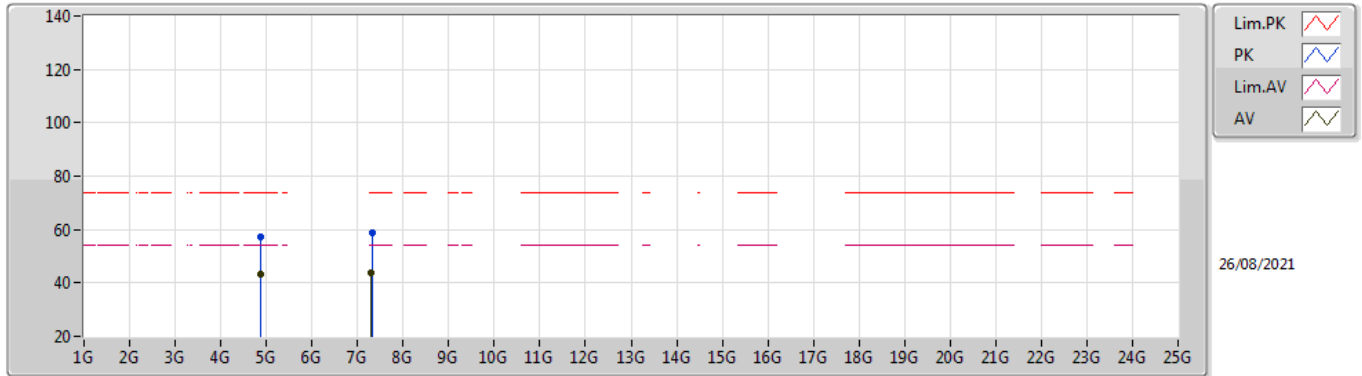
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87744G	43.19	54.00	-10.81	5.90	3	Vertical	9	1.23	-	37.29	31.20	8.96	34.26
AV	7.30712G	53.81	54.00	-0.19	12.44	3	Vertical	326	2.33	-	41.37	36.39	10.62	34.57
PK	4.87312G	59.04	74.00	-14.96	5.89	3	Vertical	9	1.23	-	53.15	31.20	8.95	34.26
PK	7.31756G	69.72	74.00	-4.28	12.42	3	Vertical	326	2.33	-	57.30	36.36	10.63	34.57

802.11n HT20_Nss1,(MCS0)_2TX

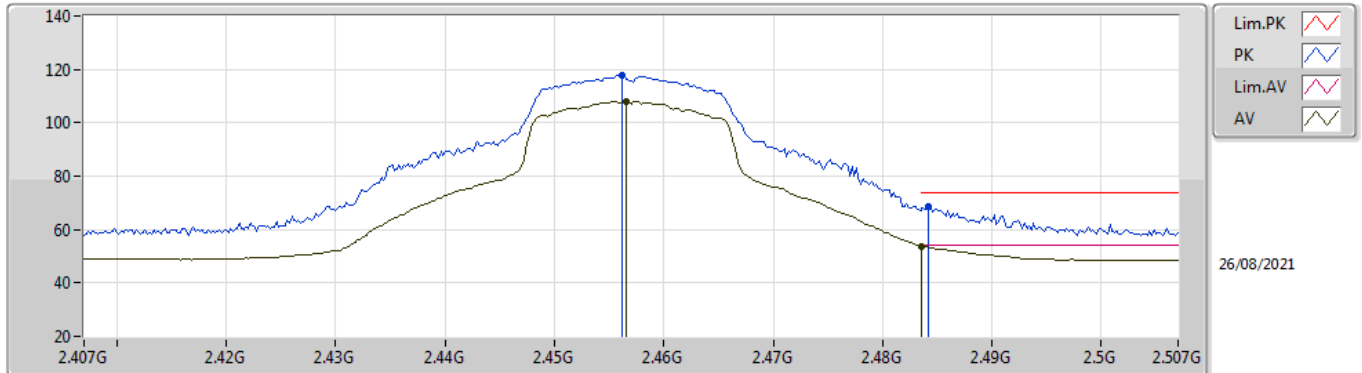
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8738G	43.23	54.00	-10.77	5.90	3	Horizontal	231	1.76	-	37.33	31.20	8.96	34.26
AV	7.30712G	44.01	54.00	-9.99	12.44	3	Horizontal	181	1.37	-	31.57	36.39	10.62	34.57
PK	4.87304G	57.34	74.00	-16.66	5.89	3	Horizontal	231	1.76	-	51.45	31.20	8.95	34.26
PK	7.3176G	59.02	74.00	-14.98	12.42	3	Horizontal	181	1.37	-	46.60	36.36	10.63	34.57

802.11n HT20_Nss1,(MCS0)_2TX

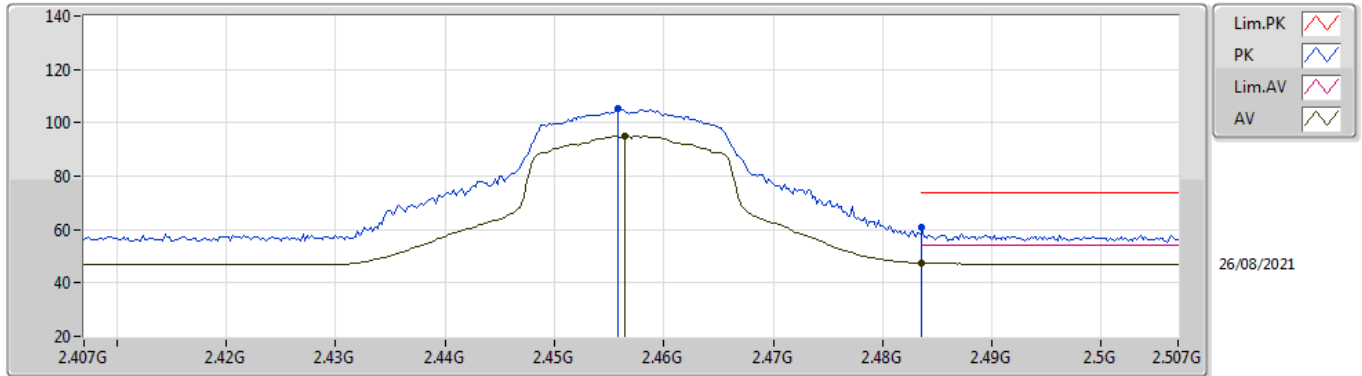
2457MHz_TX



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	2.4566G	108.12	Inf	-Inf	34.71	3	Vertical	41	1.37	-	73.41	27.40	7.31	-
AV	2.4835G	53.79	54.00	-0.21	34.73	3	Vertical	41	1.37	-	19.06	27.40	7.33	-
PK	2.4562G	117.85	Inf	-Inf	34.70	3	Vertical	41	1.37	-	83.15	27.40	7.30	-
PK	2.4842G	68.67	74.00	-5.33	34.73	3	Vertical	41	1.37	-	33.94	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

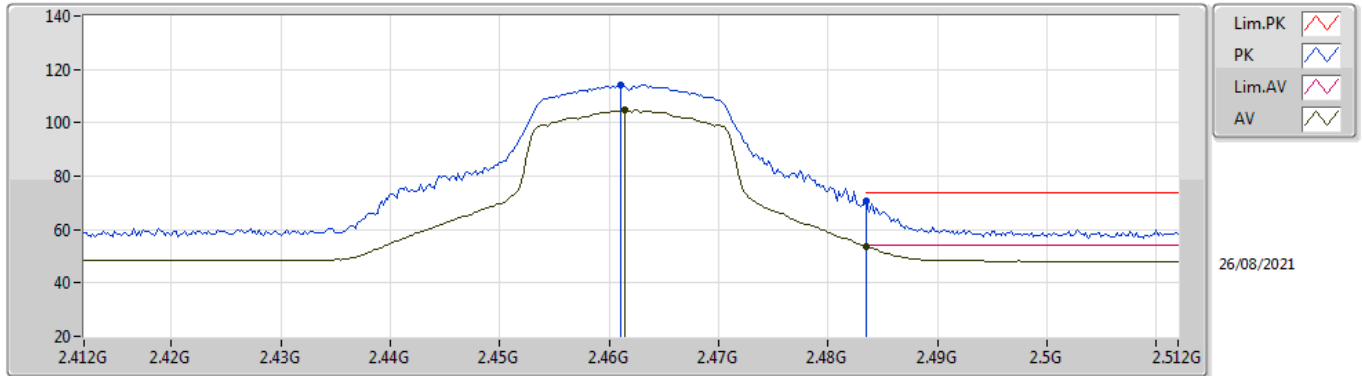
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4564G	95.25	Inf	-Inf	34.71	3	Horizontal	58	2.42	-	60.54	27.40	7.31	-
AV	2.4835G	47.46	54.00	-6.54	34.73	3	Horizontal	58	2.42	-	12.73	27.40	7.33	-
PK	2.4558G	105.10	Inf	-Inf	34.70	3	Horizontal	58	2.42	-	70.40	27.40	7.30	-
PK	2.4836G	60.61	74.00	-13.39	34.73	3	Horizontal	58	2.42	-	25.88	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

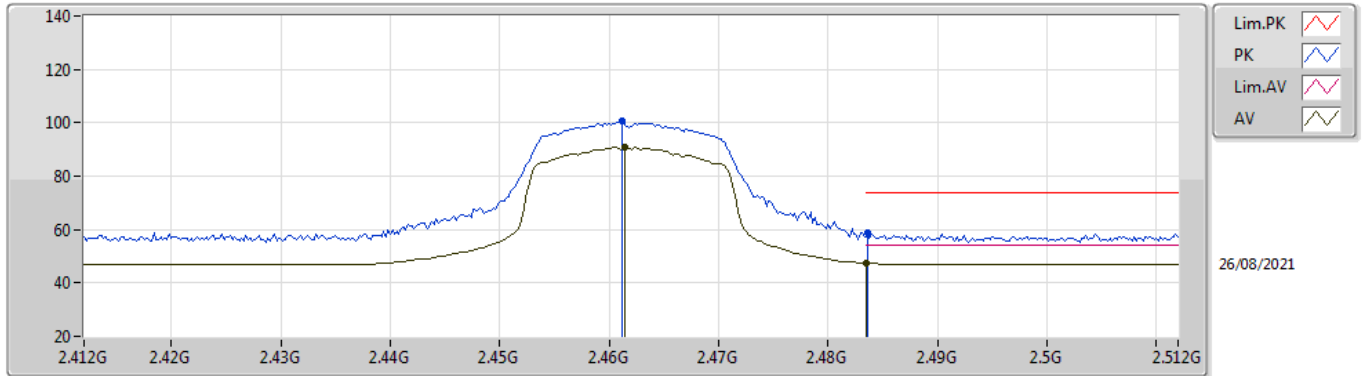
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4614G	104.67	Inf	-Inf	34.71	3	Vertical	155	2.05	-	69.96	27.40	7.31	-
AV	2.4835G	53.56	54.00	-0.44	34.73	3	Vertical	155	2.05	-	18.83	27.40	7.33	-
PK	2.461G	114.07	Inf	-Inf	34.71	3	Vertical	155	2.05	-	79.36	27.40	7.31	-
PK	2.4835G	70.58	74.00	-3.42	34.73	3	Vertical	155	2.05	-	35.85	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

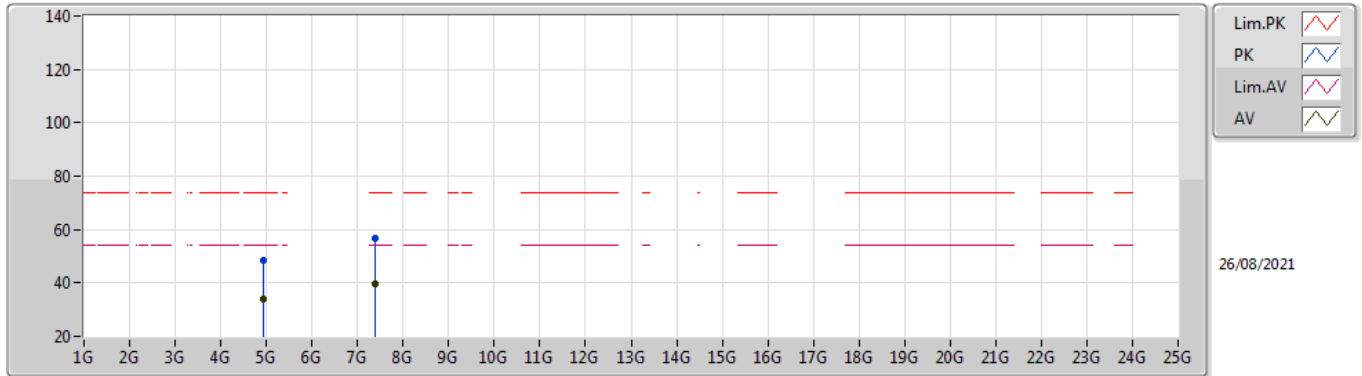
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4614G	90.77	Inf	-Inf	34.71	3	Horizontal	235	2.00	-	56.06	27.40	7.31	-
AV	2.4835G	47.33	54.00	-6.67	34.73	3	Horizontal	235	2.00	-	12.60	27.40	7.33	-
PK	2.4612G	100.46	Inf	-Inf	34.71	3	Horizontal	235	2.00	-	65.75	27.40	7.31	-
PK	2.4836G	58.90	74.00	-15.10	34.73	3	Horizontal	235	2.00	-	24.17	27.40	7.33	-

802.11n HT20_Nss1,(MCS0)_2TX

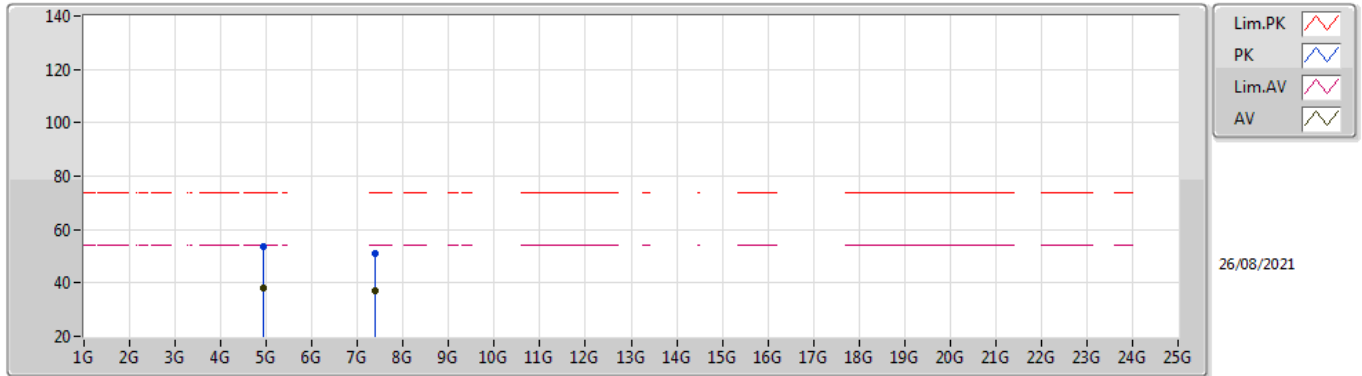
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	34.13	54.00	-19.87	6.04	3	Vertical	209	3.00	-	28.09	31.30	8.99	34.25
AV	7.38436G	39.58	54.00	-14.42	12.34	3	Vertical	326	1.45	-	27.24	36.23	10.69	34.58
PK	4.92332G	48.45	74.00	-25.55	6.03	3	Vertical	209	3.00	-	42.42	31.29	8.99	34.25
PK	7.38412G	56.75	74.00	-17.25	12.34	3	Vertical	326	1.45	-	44.41	36.23	10.69	34.58

802.11n HT20_Nss1,(MCS0)_2TX

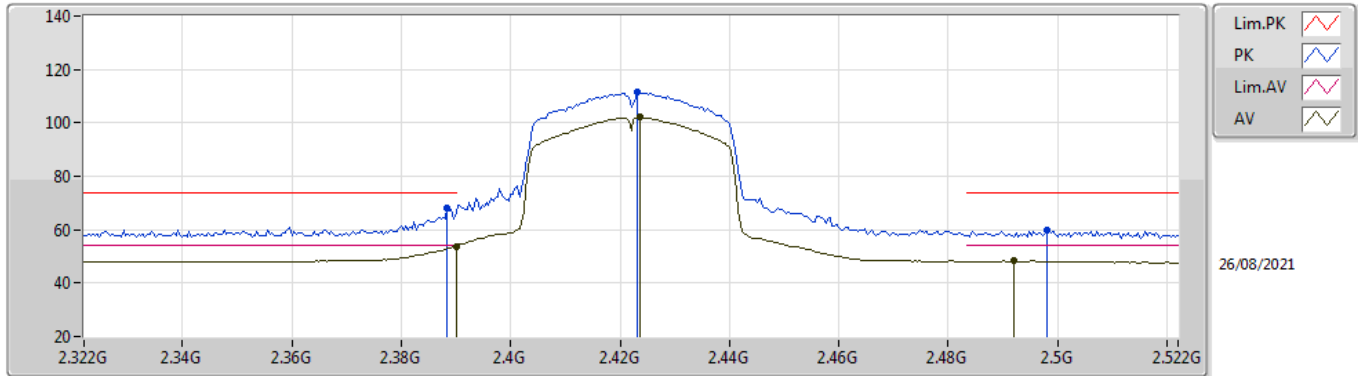
2462MHz_TX



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	4.92384G	38.14	54.00	-15.86	6.04	3	Horizontal	231	1.89	-	32.10	31.30	8.99	34.25
AV	7.38428G	36.85	54.00	-17.15	12.34	3	Horizontal	182	1.50	-	24.51	36.23	10.69	34.58
PK	4.92304G	53.61	74.00	-20.39	6.03	3	Horizontal	231	1.89	-	47.58	31.29	8.99	34.25
PK	7.3836G	51.02	74.00	-22.98	12.34	3	Horizontal	182	1.50	-	38.68	36.23	10.69	34.58

802.11n HT40_Nss1,(MCS0)_2TX

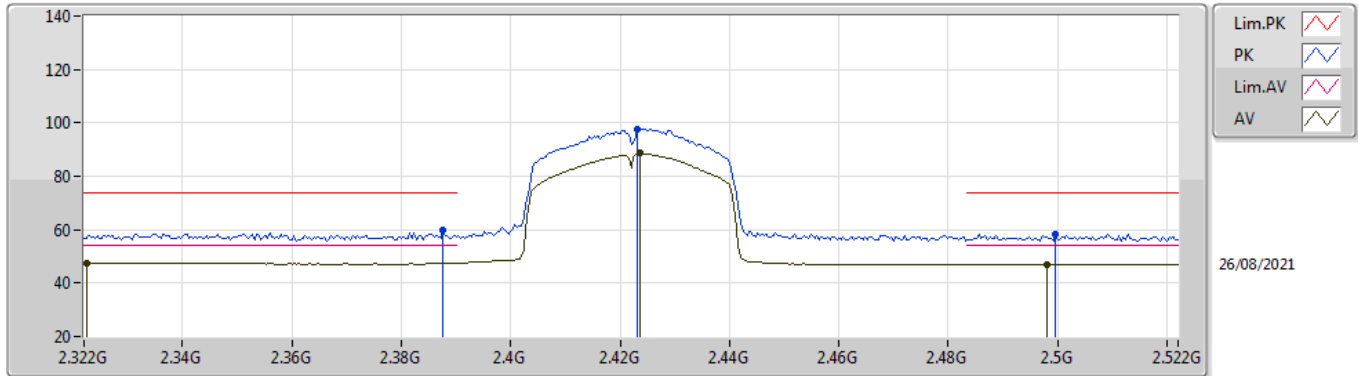
2422MHz_TX



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	53.81	54.00	-0.19	34.98	3	Vertical	39	1.50	-	18.83	27.72	7.26	-
AV	2.4236G	102.13	Inf	-Inf	34.84	3	Vertical	39	1.50	-	67.29	27.56	7.28	-
AV	2.492G	48.22	54.00	-5.78	34.73	3	Vertical	39	1.50	-	13.49	27.40	7.33	-
PK	2.3884G	67.85	74.00	-6.15	34.97	3	Vertical	39	1.50	-	32.88	27.72	7.25	-
PK	2.4232G	111.42	Inf	-Inf	34.84	3	Vertical	39	1.50	-	76.58	27.56	7.28	-
PK	2.498G	59.57	74.00	-14.43	34.74	3	Vertical	39	1.50	-	24.83	27.40	7.34	-

802.11n HT40_Nss1,(MCS0)_2TX

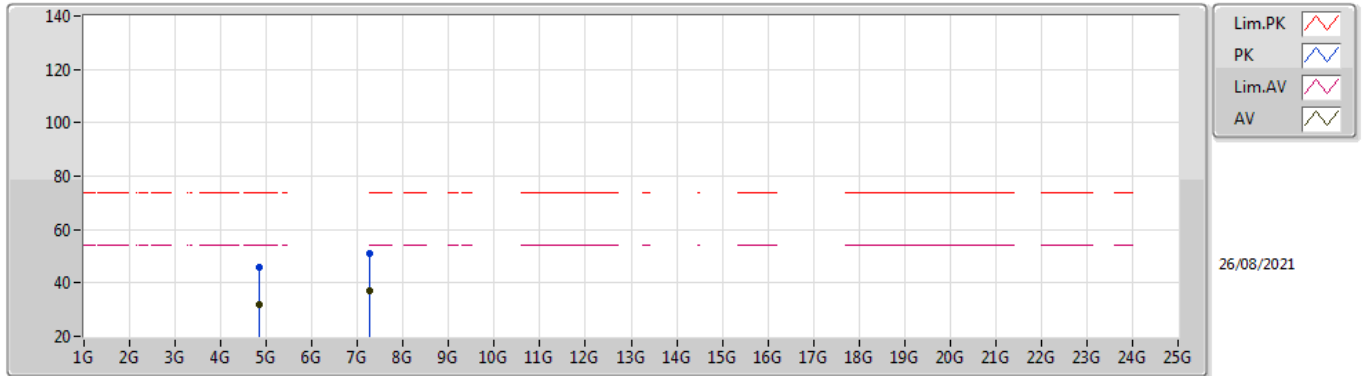
2422MHz_TX



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	2.3224G	47.43	54.00	-6.57	35.09	3	Horizontal	237	2.01	-	12.34	27.86	7.23	-
AV	2.4236G	88.54	Inf	-Inf	34.84	3	Horizontal	237	2.01	-	53.70	27.56	7.28	-
AV	2.498G	46.84	54.00	-7.16	34.74	3	Horizontal	237	2.01	-	12.10	27.40	7.34	-
PK	2.3876G	59.77	74.00	-14.23	34.97	3	Horizontal	237	2.01	-	24.80	27.72	7.25	-
PK	2.4232G	97.69	Inf	-Inf	34.84	3	Horizontal	237	2.01	-	62.85	27.56	7.28	-
PK	2.4996G	58.21	74.00	-15.79	34.74	3	Horizontal	237	2.01	-	23.47	27.40	7.34	-

802.11n HT40_Nss1,(MCS0)_2TX

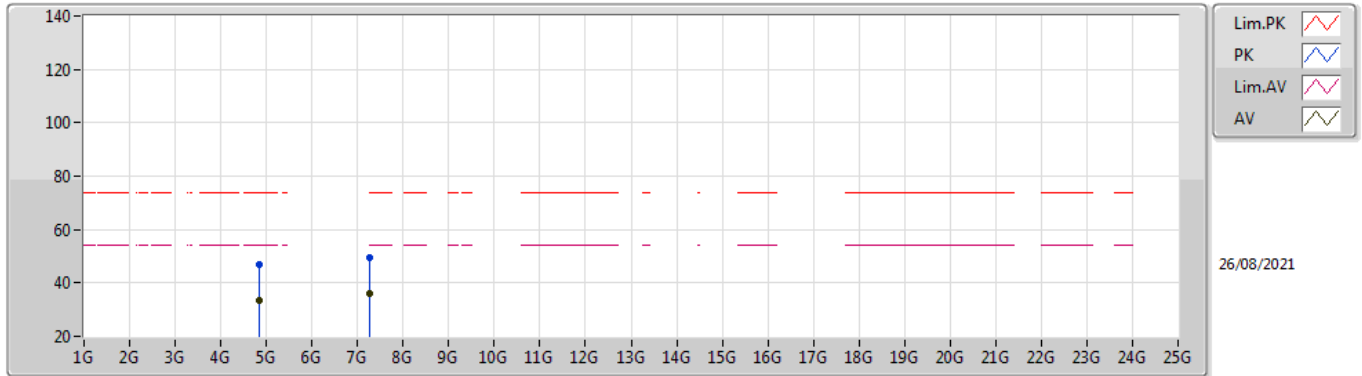
2422MHz_TX



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	4.84394G	32.14	54.00	-21.86	5.85	3	Vertical	343	2.95	-	26.29	31.19	8.93	34.27
AV	7.26774G	37.14	54.00	-16.86	12.35	3	Vertical	325	1.50	-	24.79	36.34	10.58	34.57
PK	4.84466G	45.62	74.00	-28.38	5.85	3	Vertical	343	2.95	-	39.77	31.19	8.93	34.27
PK	7.27272G	51.01	74.00	-22.99	12.36	3	Vertical	325	1.50	-	38.65	36.35	10.58	34.57

802.11n HT40_Nss1,(MCS0)_2TX

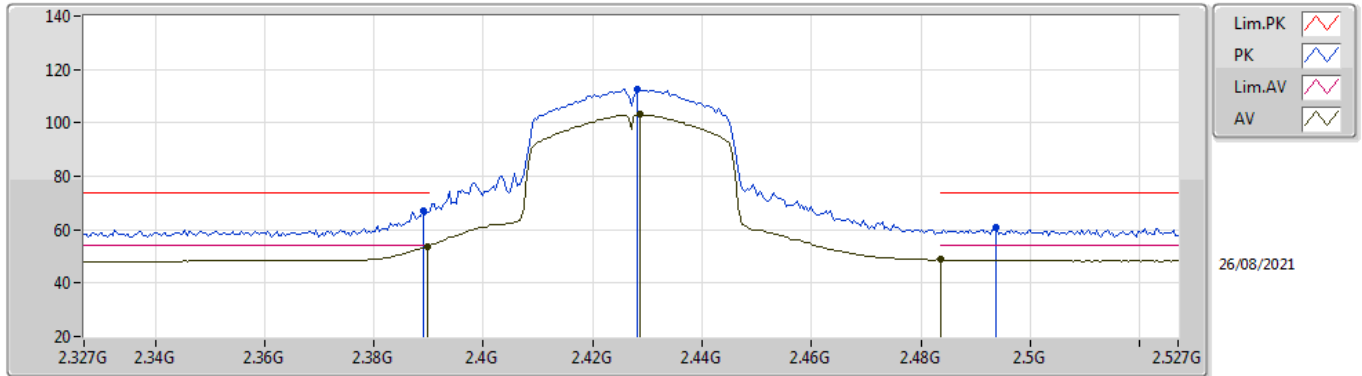
2422MHz_TX



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	4.84394G	33.29	54.00	-20.71	5.85	3	Horizontal	235	1.95	-	27.44	31.19	8.93	34.27
AV	7.25322G	36.11	54.00	-17.89	12.30	3	Horizontal	41	1.50	-	23.81	36.31	10.56	34.57
PK	4.84412G	46.84	74.00	-27.16	5.85	3	Horizontal	235	1.95	-	40.99	31.19	8.93	34.27
PK	7.25994G	49.52	74.00	-24.48	12.32	3	Horizontal	41	1.50	-	37.20	36.32	10.57	34.57

802.11n HT40_Nss1,(MCS0)_2TX

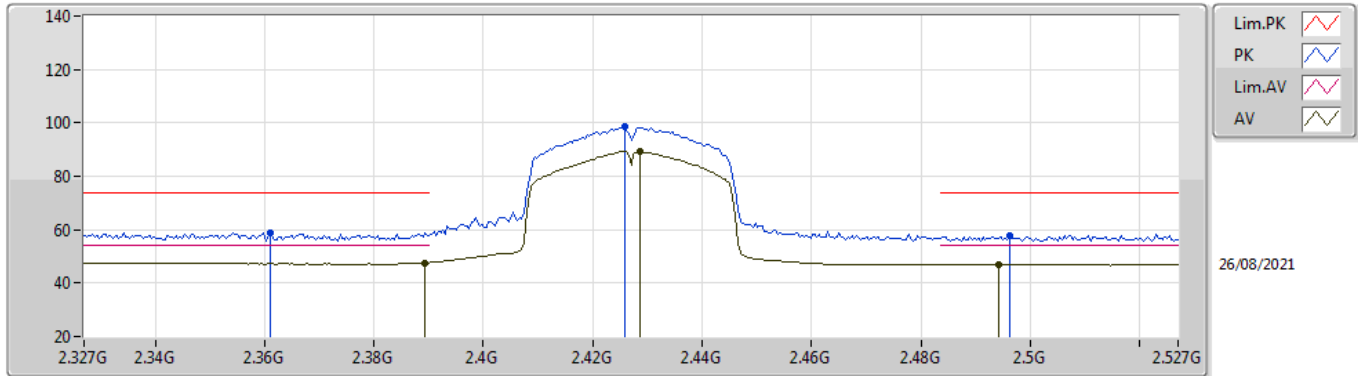
2427MHz_TX



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	53.75	54.00	-0.25	34.98	3	Vertical	16	1.77	-	18.77	27.72	7.26	-
AV	2.4286G	103.20	Inf	-Inf	34.81	3	Vertical	16	1.77	-	68.39	27.53	7.28	-
AV	2.4835G	48.72	54.00	-5.28	34.73	3	Vertical	16	1.77	-	13.99	27.40	7.33	-
PK	2.389G	66.91	74.00	-7.09	34.98	3	Vertical	16	1.77	-	31.93	27.72	7.26	-
PK	2.4282G	112.47	Inf	-Inf	34.81	3	Vertical	16	1.77	-	77.66	27.53	7.28	-
PK	2.4938G	60.92	74.00	-13.08	34.74	3	Vertical	16	1.77	-	26.18	27.40	7.34	-

802.11n HT40_Nss1,(MCS0)_2TX

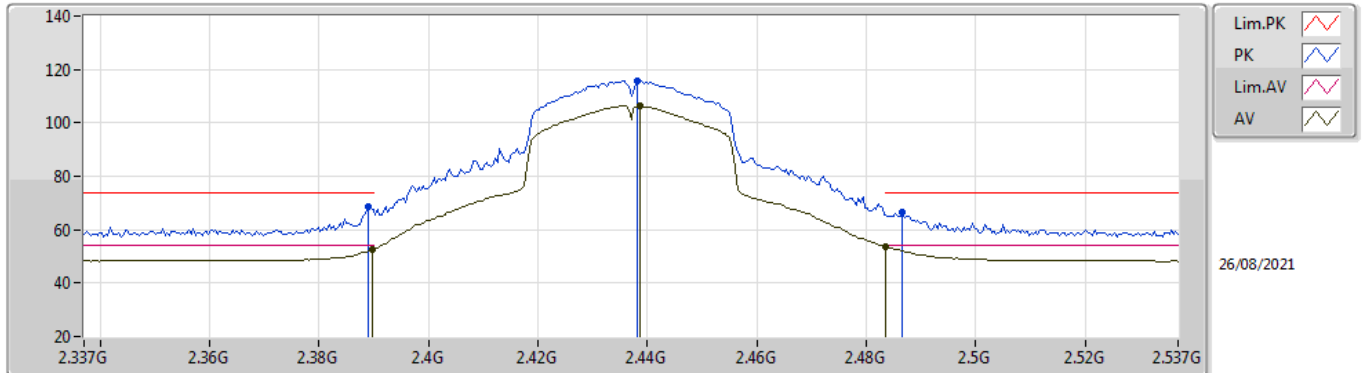
2427MHz_TX



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	2.3894G	47.60	54.00	-6.40	34.98	3	Horizontal	164	1.99	-	12.62	27.72	7.26	-
AV	2.4286G	89.26	Inf	-Inf	34.81	3	Horizontal	164	1.99	-	54.45	27.53	7.28	-
AV	2.4942G	46.84	54.00	-7.16	34.74	3	Horizontal	164	1.99	-	12.10	27.40	7.34	-
PK	2.361G	58.95	74.00	-15.05	35.02	3	Horizontal	164	1.99	-	23.93	27.78	7.24	-
PK	2.4258G	98.54	Inf	-Inf	34.83	3	Horizontal	164	1.99	-	63.71	27.55	7.28	-
PK	2.4962G	57.65	74.00	-16.35	34.74	3	Horizontal	164	1.99	-	22.91	27.40	7.34	-

802.11n HT40_Nss1,(MCS0)_2TX

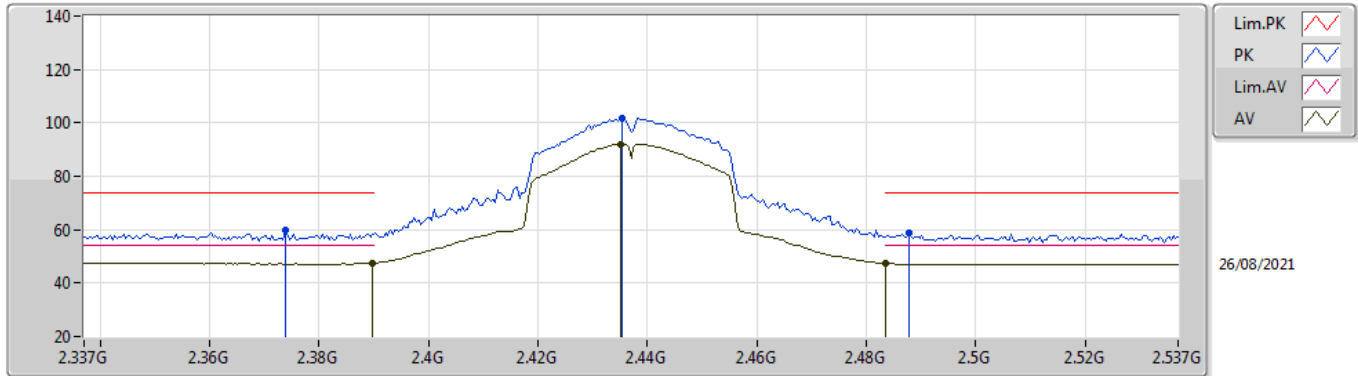
2437MHz_TX



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	52.35	54.00	-1.65	34.98	3	Vertical	157	1.50	-	17.37	27.72	7.26	-
AV	2.4386G	106.41	Inf	-Inf	34.76	3	Vertical	157	1.50	-	71.65	27.47	7.29	-
AV	2.4835G	53.61	54.00	-0.39	34.73	3	Vertical	157	1.50	-	18.88	27.40	7.33	-
PK	2.389G	68.37	74.00	-5.63	34.98	3	Vertical	157	1.50	-	33.39	27.72	7.26	-
PK	2.4382G	115.85	Inf	-Inf	34.76	3	Vertical	157	1.50	-	81.09	27.47	7.29	-
PK	2.4866G	66.51	74.00	-7.49	34.73	3	Vertical	157	1.50	-	31.78	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

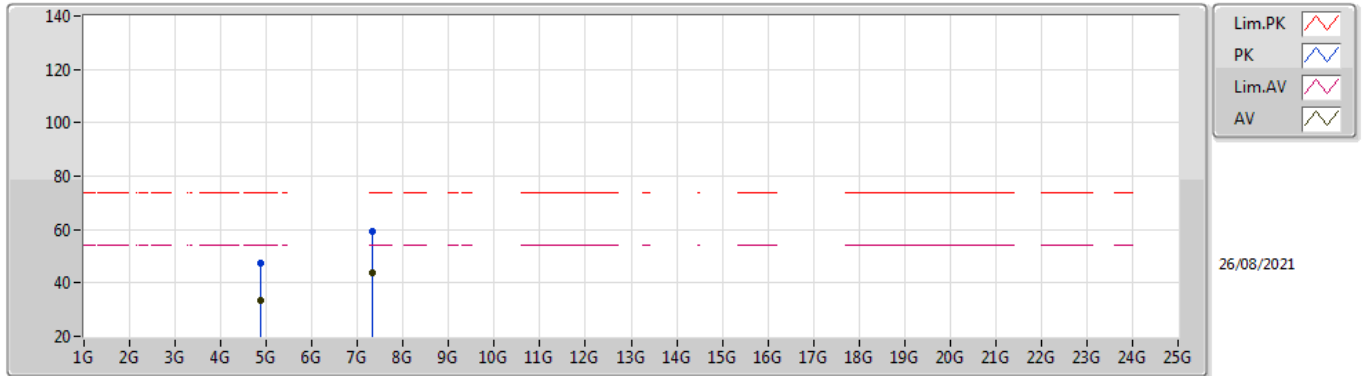
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	47.44	54.00	-6.56	34.98	3	Horizontal	162	1.68	-	12.46	27.72	7.26	-
AV	2.435G	92.10	Inf	-Inf	34.78	3	Horizontal	162	1.68	-	57.32	27.49	7.29	-
AV	2.4835G	47.38	54.00	-6.62	34.73	3	Horizontal	162	1.68	-	12.65	27.40	7.33	-
PK	2.3738G	59.66	74.00	-14.34	35.00	3	Horizontal	162	1.68	-	24.66	27.75	7.25	-
PK	2.4354G	101.60	Inf	-Inf	34.78	3	Horizontal	162	1.68	-	66.82	27.49	7.29	-
PK	2.4878G	58.64	74.00	-15.36	34.73	3	Horizontal	162	1.68	-	23.91	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

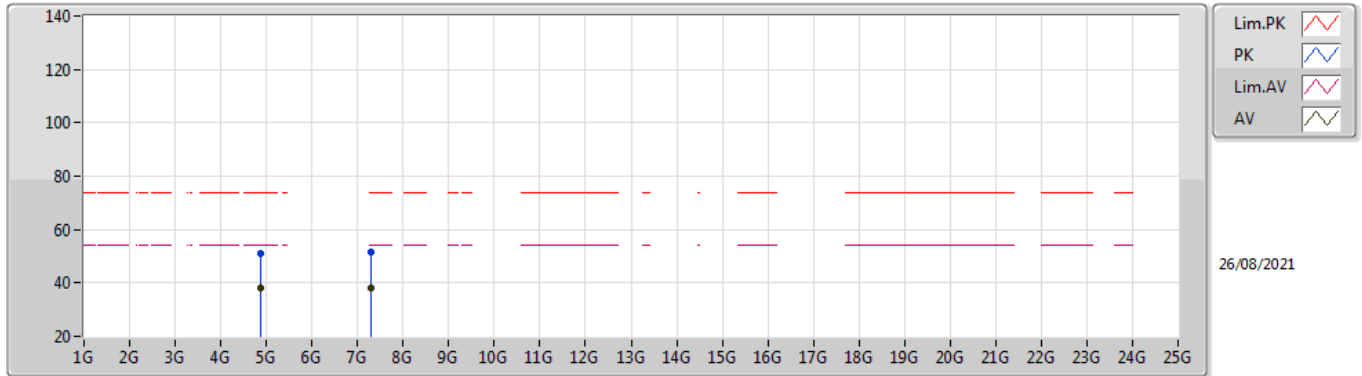
2437MHz_TX



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	4.87392G	33.51	54.00	-20.49	5.90	3	Vertical	17	2.22	-	27.61	31.20	8.96	34.26
AV	7.31204G	44.00	54.00	-10.00	12.43	3	Vertical	329	2.17	-	31.57	36.38	10.62	34.57
PK	4.87432G	47.39	74.00	-26.61	5.90	3	Vertical	17	2.22	-	41.49	31.20	8.96	34.26
PK	7.31788G	59.36	74.00	-14.64	12.42	3	Vertical	329	2.17	-	46.94	36.36	10.63	34.57

802.11n HT40_Nss1,(MCS0)_2TX

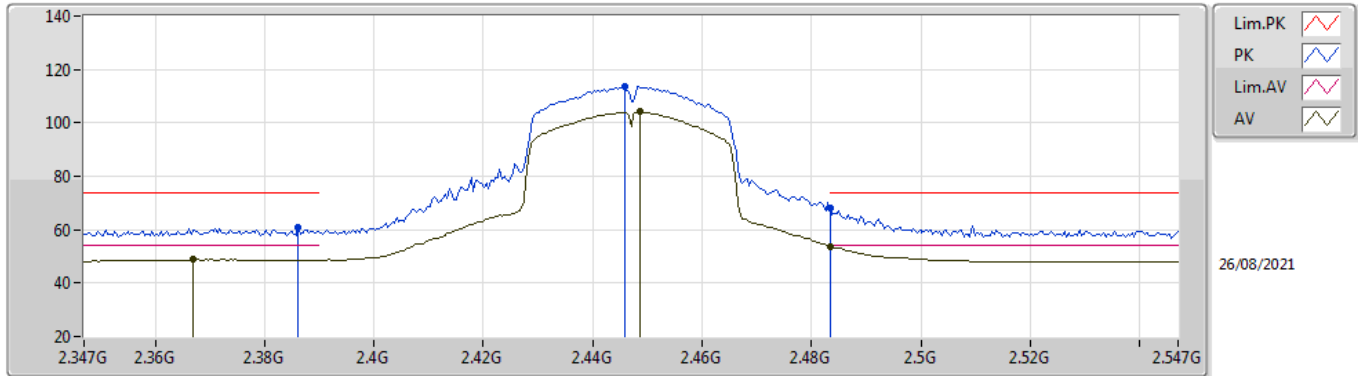
2437MHz_TX



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	4.87392G	37.90	54.00	-16.10	5.90	3	Horizontal	231	1.76	-	32.00	31.20	8.96	34.26
AV	7.30636G	38.07	54.00	-15.93	12.44	3	Horizontal	180	1.38	-	25.63	36.39	10.62	34.57
PK	4.87456G	50.86	74.00	-23.14	5.90	3	Horizontal	231	1.76	-	44.96	31.20	8.96	34.26
PK	7.29212G	51.57	74.00	-22.43	12.41	3	Horizontal	180	1.38	-	39.16	36.38	10.60	34.57

802.11n HT40_Nss1,(MCS0)_2TX

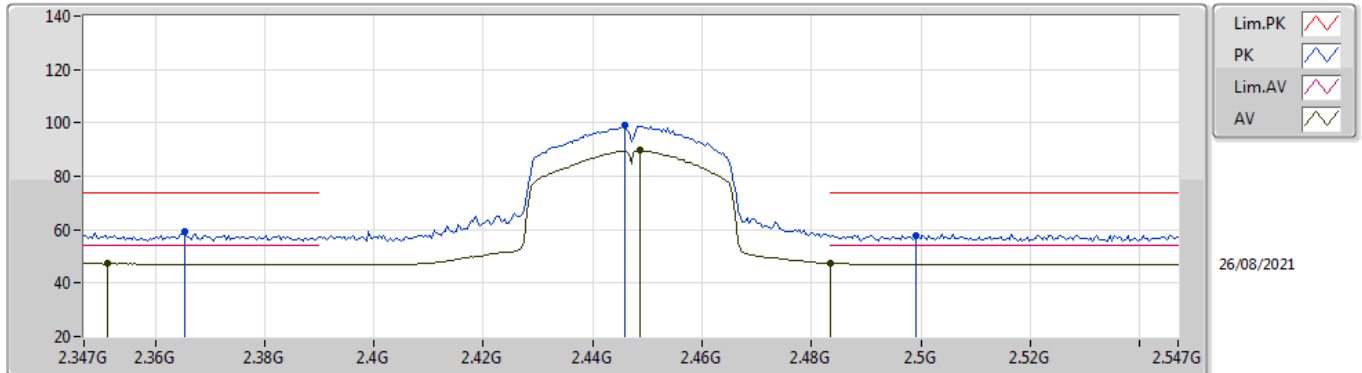
2447MHz_TX



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	2.367G	48.88	54.00	-5.12	35.02	3	Vertical	42	1.44	-	13.86	27.77	7.25	-
AV	2.4486G	104.10	Inf	-Inf	34.71	3	Vertical	42	1.44	-	69.39	27.41	7.30	-
AV	2.4835G	53.87	54.00	-0.13	34.73	3	Vertical	42	1.44	-	19.14	27.40	7.33	-
PK	2.3862G	60.94	74.00	-13.06	34.98	3	Vertical	42	1.44	-	25.96	27.73	7.25	-
PK	2.4458G	113.52	Inf	-Inf	34.73	3	Vertical	42	1.44	-	78.79	27.43	7.30	-
PK	2.4835G	68.14	74.00	-5.86	34.73	3	Vertical	42	1.44	-	33.41	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

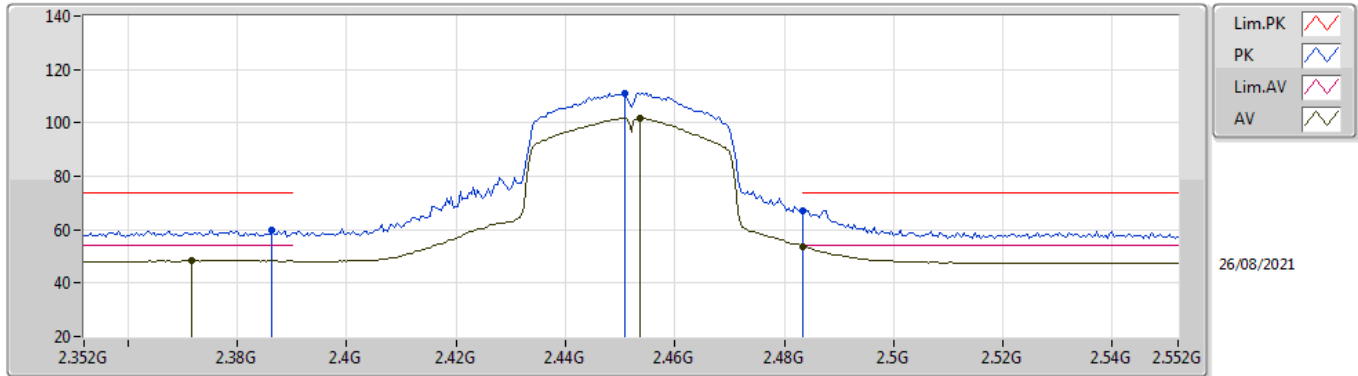
2447MHz_TX



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	2.3514G	47.25	54.00	-6.75	35.04	3	Horizontal	59	1.50	-	12.21	27.80	7.24	-
AV	2.4486G	89.70	Inf	-Inf	34.71	3	Horizontal	59	1.50	-	54.99	27.41	7.30	-
AV	2.4835G	47.39	54.00	-6.61	34.73	3	Horizontal	59	1.50	-	12.66	27.40	7.33	-
PK	2.3654G	59.41	74.00	-14.59	35.01	3	Horizontal	59	1.50	-	24.40	27.77	7.24	-
PK	2.4458G	98.95	Inf	-Inf	34.73	3	Horizontal	59	1.50	-	64.22	27.43	7.30	-
PK	2.499G	57.94	74.00	-16.06	34.74	3	Horizontal	59	1.50	-	23.20	27.40	7.34	-

802.11n HT40_Nss1,(MCS0)_2TX

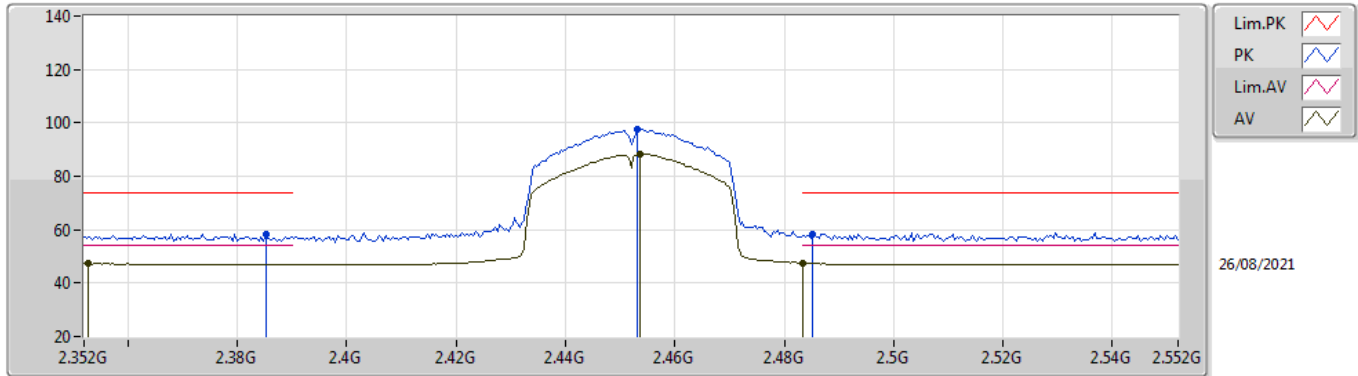
2452MHz_TX



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	2.3716G	48.54	54.00	-5.46	35.01	3	Vertical	40	1.40	-	13.53	27.76	7.25	-
AV	2.4536G	101.83	Inf	-Inf	34.70	3	Vertical	40	1.40	-	67.13	27.40	7.30	-
AV	2.4835G	53.70	54.00	-0.30	34.73	3	Vertical	40	1.40	-	18.97	27.40	7.33	-
PK	2.3864G	59.77	74.00	-14.23	34.98	3	Vertical	40	1.40	-	24.79	27.73	7.25	-
PK	2.4508G	111.17	Inf	-Inf	34.70	3	Vertical	40	1.40	-	76.47	27.40	7.30	-
PK	2.4835G	67.30	74.00	-6.70	34.73	3	Vertical	40	1.40	-	32.57	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

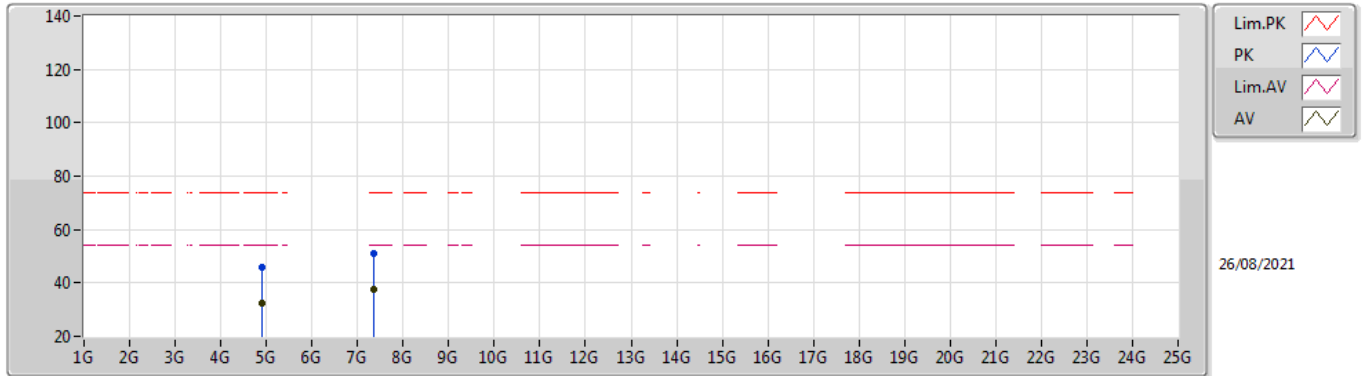
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3528G	47.21	54.00	-6.79	35.03	3	Horizontal	57	2.39	-	12.18	27.79	7.24	-
AV	2.4536G	88.44	Inf	-Inf	34.70	3	Horizontal	57	2.39	-	53.74	27.40	7.30	-
AV	2.4835G	47.57	54.00	-6.43	34.73	3	Horizontal	57	2.39	-	12.84	27.40	7.33	-
PK	2.3852G	58.45	74.00	-15.55	34.98	3	Horizontal	57	2.39	-	23.47	27.73	7.25	-
PK	2.4532G	97.52	Inf	-Inf	34.70	3	Horizontal	57	2.39	-	62.82	27.40	7.30	-
PK	2.4852G	58.18	74.00	-15.82	34.73	3	Horizontal	57	2.39	-	23.45	27.40	7.33	-

802.11n HT40_Nss1,(MCS0)_2TX

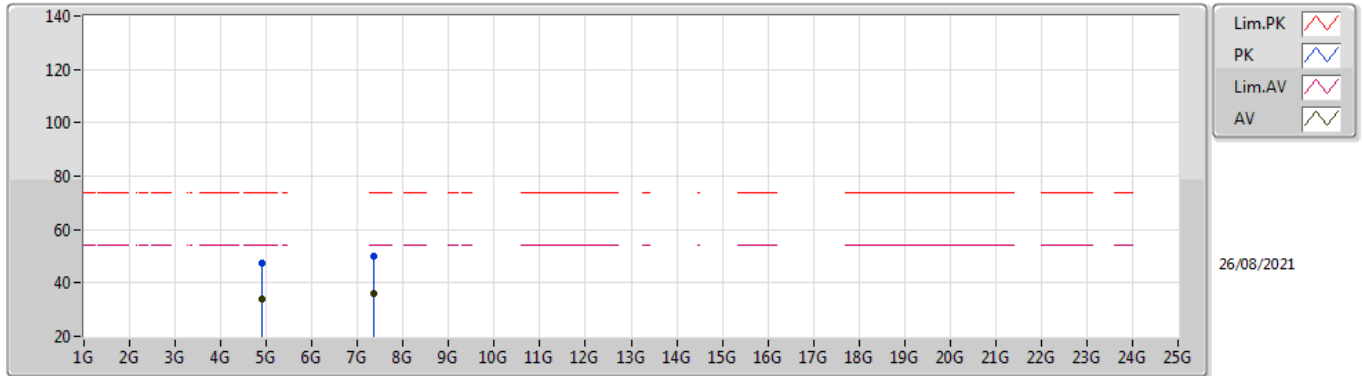
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90384G	32.55	54.00	-21.45	5.95	3	Vertical	344	2.76	-	26.60	31.22	8.98	34.25
AV	7.35664G	37.33	54.00	-16.67	12.38	3	Vertical	326	1.50	-	24.95	36.29	10.67	34.58
PK	4.904G	45.88	74.00	-28.12	5.95	3	Vertical	344	2.76	-	39.93	31.22	8.98	34.25
PK	7.35664G	51.21	74.00	-22.79	12.38	3	Vertical	326	1.50	-	38.83	36.29	10.67	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	4.90408G	34.20	54.00	-19.80	5.95	3	Horizontal	225	2.01	-	28.25	31.22	8.98	34.25
AV	7.35936G	36.27	54.00	-17.73	12.37	3	Horizontal	156	1.50	-	23.90	36.28	10.67	34.58
PK	4.90472G	47.53	74.00	-26.47	5.95	3	Horizontal	225	2.01	-	41.58	31.22	8.98	34.25
PK	7.35016G	49.77	74.00	-24.23	12.38	3	Horizontal	156	1.50	-	37.39	36.30	10.66	34.58