

NCC Test Report

Equipment : Wifi and BT Module
Brand Name : realme
Model Name : WB7638G-LT
Applicant : 薩摩亞商新茂環球有限公司台灣分公司
臺北市內湖區新湖一路 133 號 6 樓
Manufacturer : Realme Chongqing Mobile
Telecommunications Corp., Ltd.
No.178 Yulong Avenue, Yufengshan,
Yubei District, Chongqing , China.
Standard : LP0002 Section 3.10 (2018-01-10)

The product was received on Jul. 15, 2020, and testing was started from Aug. 07, 2020 and completed on Sep. 04, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, 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	6
1.3 Testing Location Information	7
1.4 Measurement Uncertainty	7
2 TEST CONFIGURATION OF EUT.....	8
2.1 Test Condition	8
2.2 Test Channel Mode	8
2.3 The Worst Case Measurement Configuration.....	9
2.4 Support Equipment.....	10
2.5 Test Setup Diagram	11
3 TRANSMITTER TEST RESULT	15
3.1 AC Power-line Conducted Emissions	15
3.2 DTS Bandwidth.....	17
3.3 Maximum Conducted Output Power	18
3.4 Power Spectral Density	20
3.5 Emissions in Non-restricted Frequency Bands	21
3.6 Emissions in Restricted Frequency Bands.....	22
3.7 Receiver Radiated Spurious Emissions	26
3.8 Maximum Permissible Exposure	29
4 TEST EQUIPMENT AND CALIBRATION DATA	30
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 RESULTS OF RECEIVER RADIATED UNWANTED EMISSIONS	
APPENDIX H. TEST RESULTS OF MAXIMUM PERMISSIBLE EXPOSURE	
APPENDIX I. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	3.10.1.4	Antenna Requirement	PASS	-
3.1	2.3	AC Power-line Conducted Emissions	PASS	-
3.2	3.10.1.6	DTS Bandwidth	PASS	-
3.3	3.10.1.2	Maximum Conducted Output Power	PASS	-
3.4	3.10.1.6	Power Spectral Density	PASS	-
3.5	3.10.1.5	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	3.10.1.5	Emissions in Restricted Frequency Bands	PASS	-
3.7	2.11	Receiver Radiated Unwanted Emissions	PASS	-
3.8	5.20	Maximum Permissible Exposure	PASS	-

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Yunha Liou

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	博安通	ADM320G37B1\$ADM320G37A1\$ADM320G37C1	PIFA	I-PEX
2	博安通	ADM320G37B1\$ADM320G37A1\$ADM320G37C1	PIFA	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	BT
1	1	2.25	-
2	2	-	2.25

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.997	0.01	8.385m	10
802.11g_Nss1,(6Mbps)_2TX	0.976	0.11	1.393m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.974	0.11	1.301m	1k
802.11n HT40_Nss1,(MCS0)_2TX	0.95	0.22	648.75u	3k

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

1.2 Testing Applied Standards

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

- ♦ LP0002 (2018-01-10)
- ♦ ANSI C63.10-2013
- ♦ ANSI C63.4-2014

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

Testing Location					
☒	HWA YA	ADD	:	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL	:	886-3-327-3456	FAX : 886-3-327-0973
☐	JHUBEI	ADD	:	No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL	:	886-3-656-9065	FAX : 886-3-656-9085
☐	Wen Shan	ADD	:	No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL	:	886-3-318-0787	FAX : 886-3-318-0287

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO01-HY	Edward	23.6~24.9°C/ 52~58%	04/Sep/2020
RF Conducted	TH06-HY	Alan	20.1~26.9°C / 50~60%	10/Aug/2020
Radiated	03CH03-HY	Edward	22.5~26.1°C / 55~63%	07/Aug/2020~ 02/Sep/2020

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	110V

2.2 Test Channel Mode

Test Software Version	MT7668 QA_0.0.1.98
-----------------------	--------------------

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	1F
2437MHz	1E
2462MHz	1E
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	1C
2417MHz	1F
2437MHz	21
2457MHz	1B
2462MHz	18
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	19
2417MHz	1E
2437MHz	21
2457MHz	1B
2462MHz	15
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	11
2427MHz	13
2437MHz	17
2447MHz	12
2452MHz	11

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX/CRX
1	Test fixture mode; TX
2	Test fixture mode; RX

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 Receiver Radiated Spurious Emissions
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/CRX
1	Test fixture mode
Operating Mode > 1GHz	CTX/CRX
Orthogonal Planes of EUT	Z Plane
	

2.4 Support Equipment

Support Equipment – AC Conduction / Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	P06G	-	-
2	Adapter for NB	DELL	AA90PM111	-	-
3	AC Power Cable for NB	Power sync	PW-GPC180-3	-	-
4	iPod	Apple	A1199	-	-
5	30-pin to USB Original Cable	Apple	MA591GC	-	-
6	Earphone	Apple	MD827FEA	-	-
7	Test Fixture	AI-Link	5VTO3V3	-	Note 1

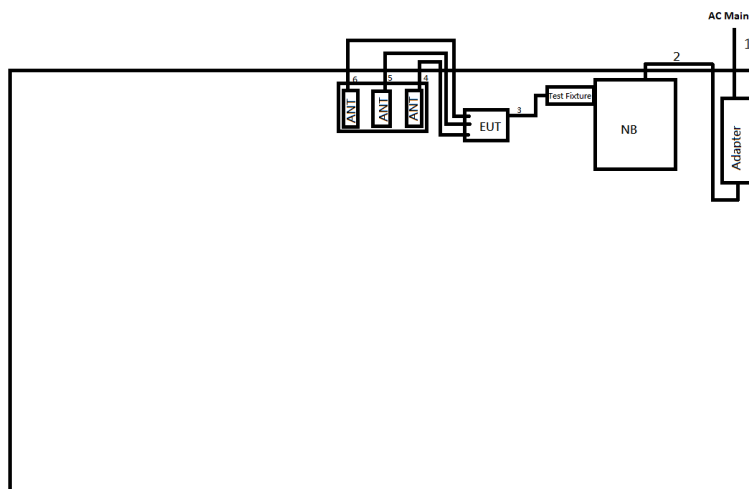
Note: No.7 was provided by customer. The applicant has signed the recognizance that the equipment will not be sold with the accessory.

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Test Fixture	AI-Link	5VTO3V3	-	Note 1

Note: No.3 was provided by customer. The applicant has signed the recognizance that the equipment will not be sold with the accessory.

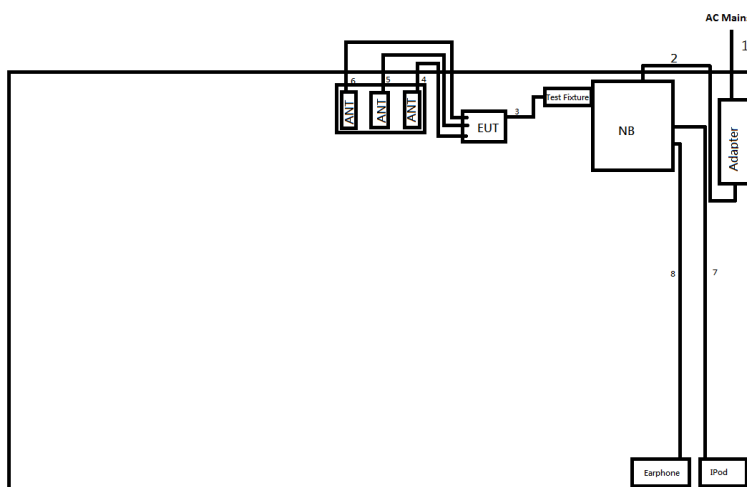
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (TX)

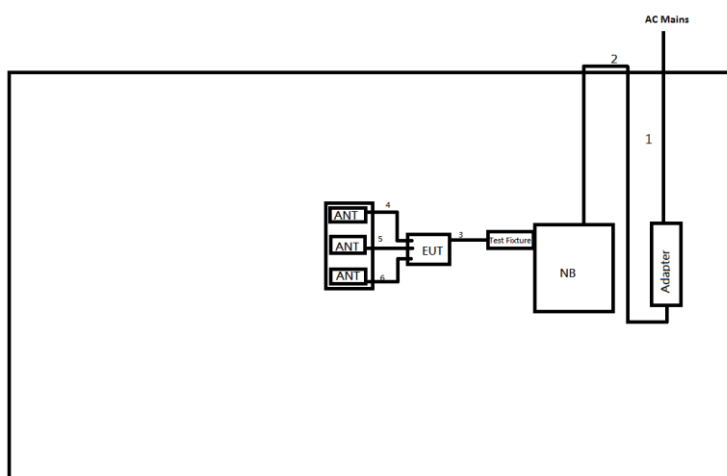


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	DATA cable	No	0.1	Integrated with the test fixture
4	RF Cable	No	0.3	-
5	RF Cable	No	0.3	-
6	RF Cable	No	0.2	-

Test Setup Diagram – AC Line Conducted Emission Test (RX)

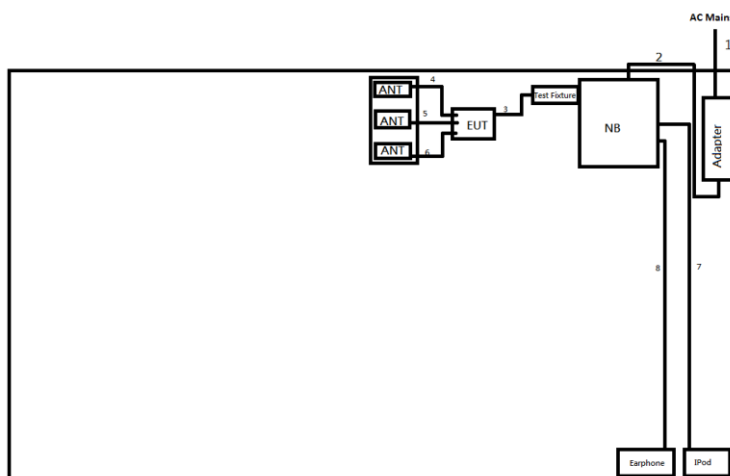


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	
2	DC Power cable	No	1.5	
3	DATA cable	No	0.1	Integrated with the test fixture
4	RF Cable	No	0.3	
5	RF Cable	No	0.3	
6	RF Cable	No	0.2	
7	30-pin to USB Original Cable	No	1.0	
8	Audio Cable	No	1.25	

Test Setup Diagram - Radiated Test (TX)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	DATA cable	No	0.1	Integrated with the test fixture
4	RF Cable	No	0.3	-
5	RF Cable	No	0.3	-
6	RF Cable	No	0.2	-

Test Setup Diagram - Radiated Test (RX)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	DATA cable	No	0.1	Integrated with the test fixture
4	RF Cable	No	0.3	-
5	RF Cable	No	0.3	-
6	RF Cable	No	0.2	-
7	30-pin to USB Original Cable	No	1.0	-
8	Audio Cable	No	1.25	-

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

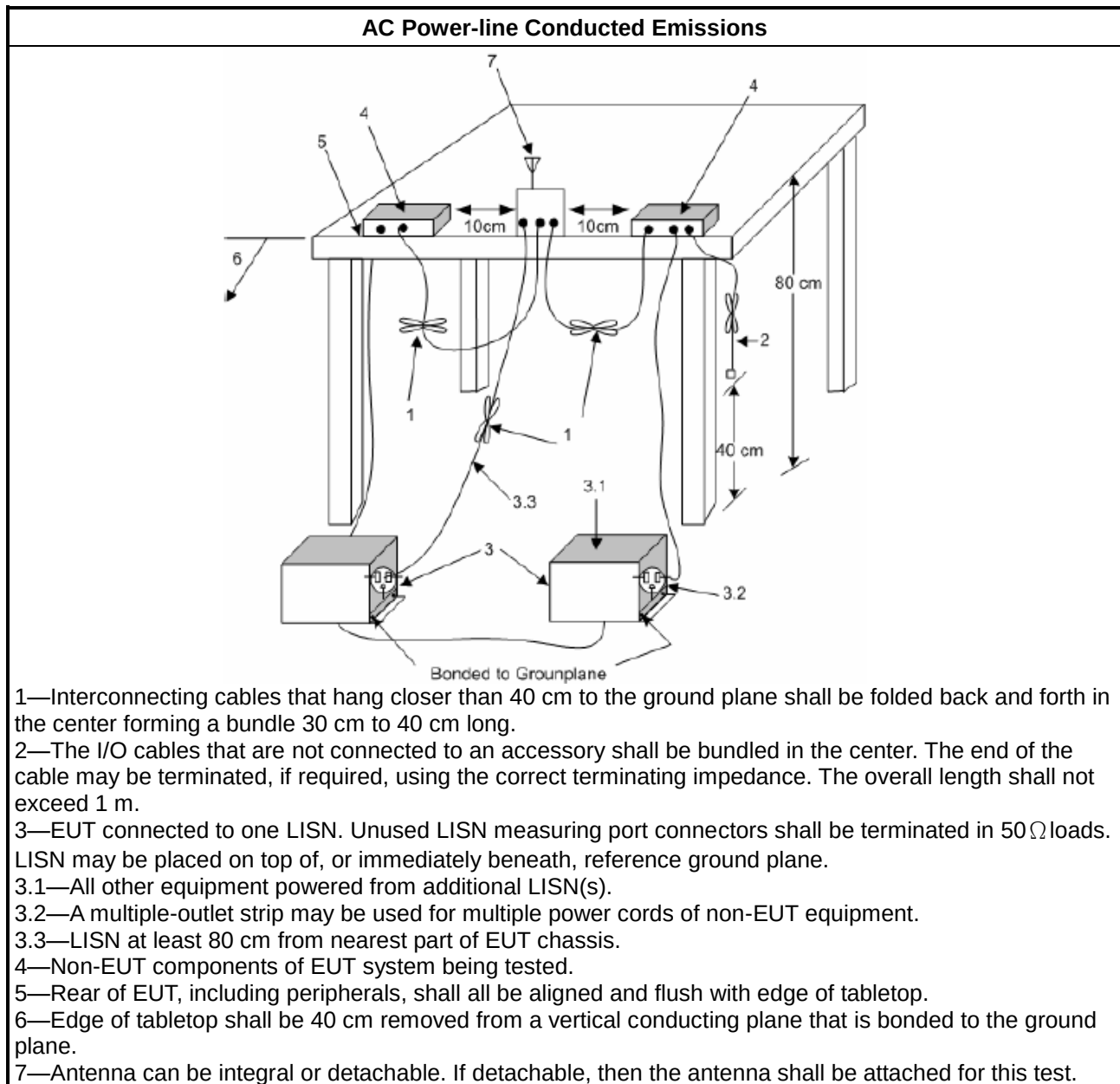
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

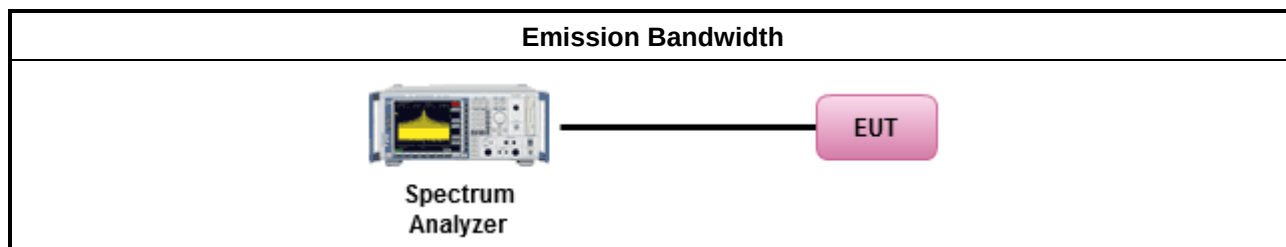
3.2.2 Measuring Instruments

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.		

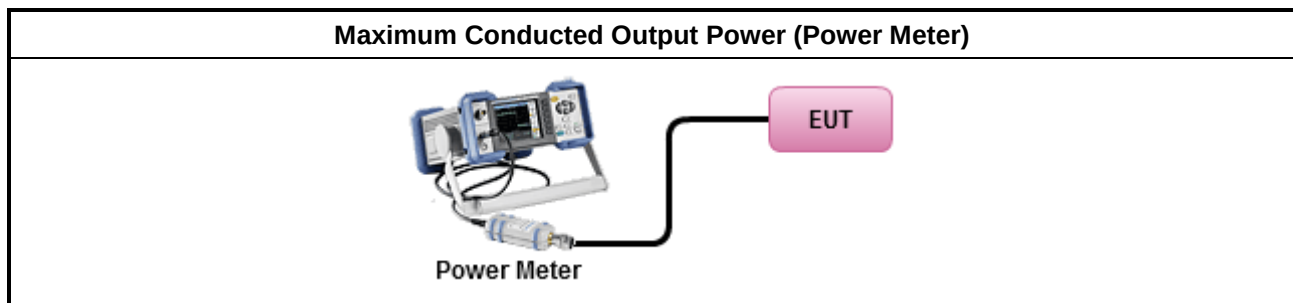
3.3.2 Measuring Instruments

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

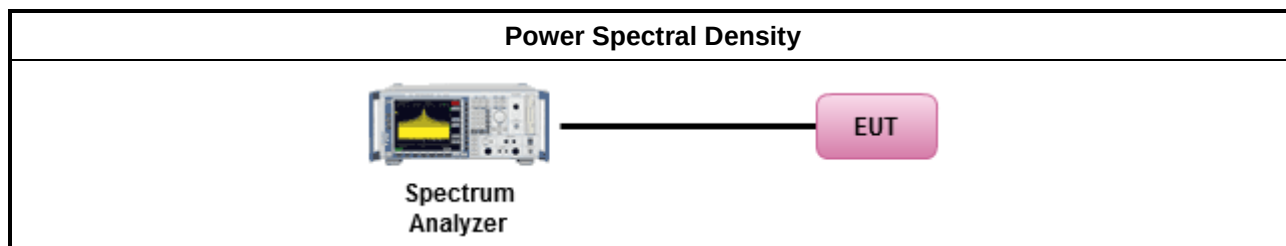
3.4.2 Measuring Instruments

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.	

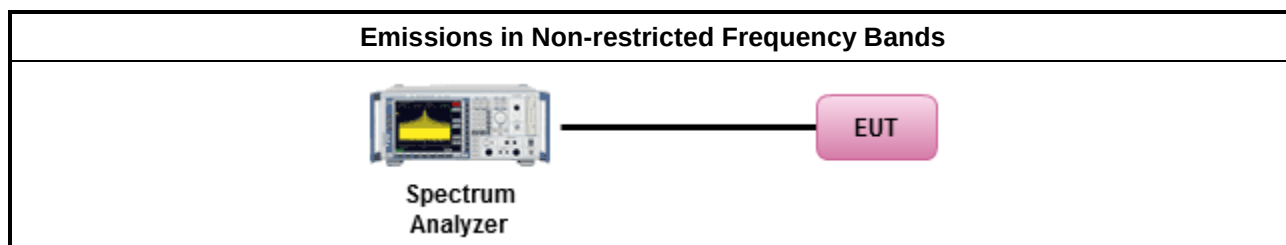
3.5.2 Measuring Instruments

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

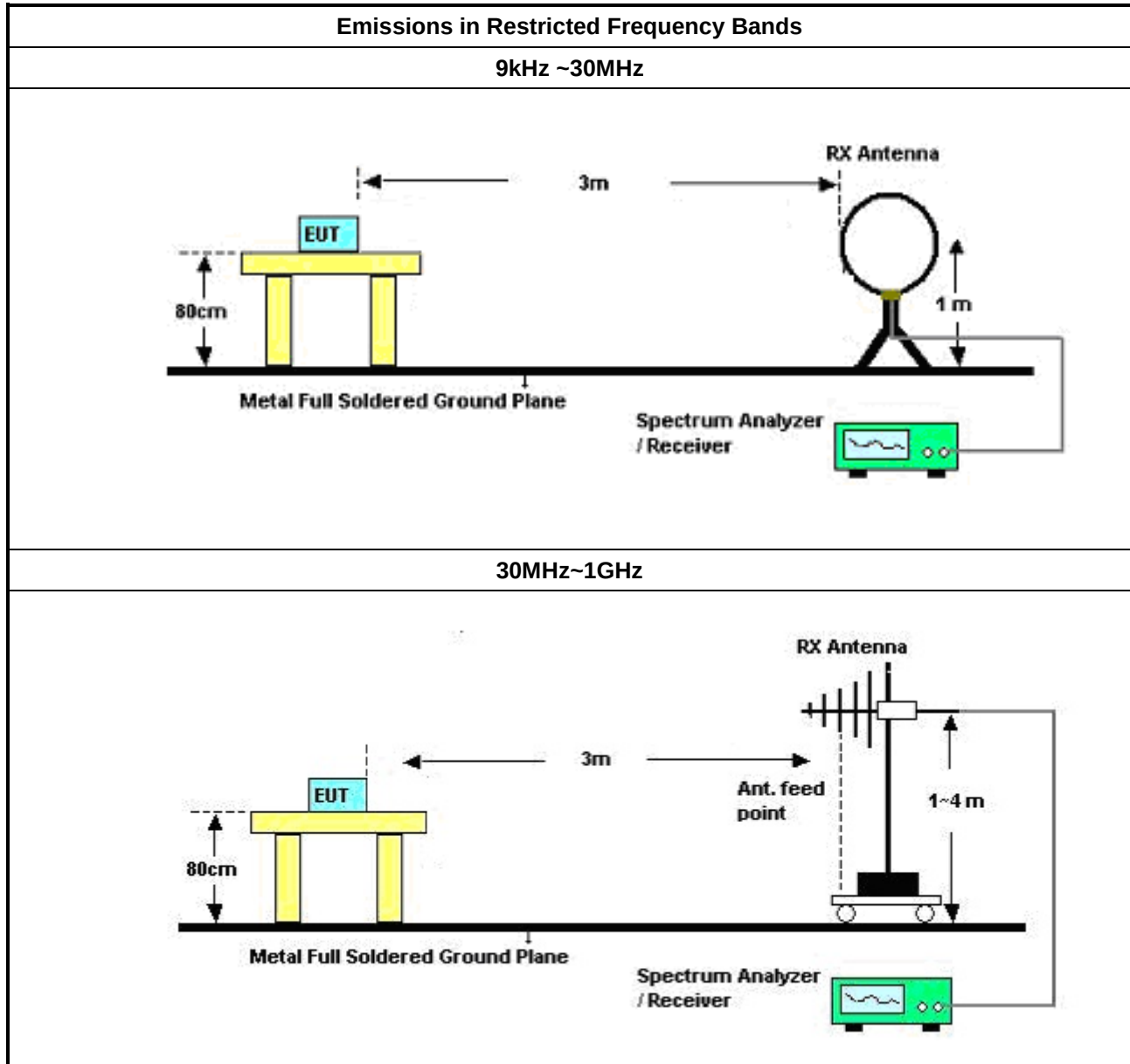
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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 LP0002 5.5.2: measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

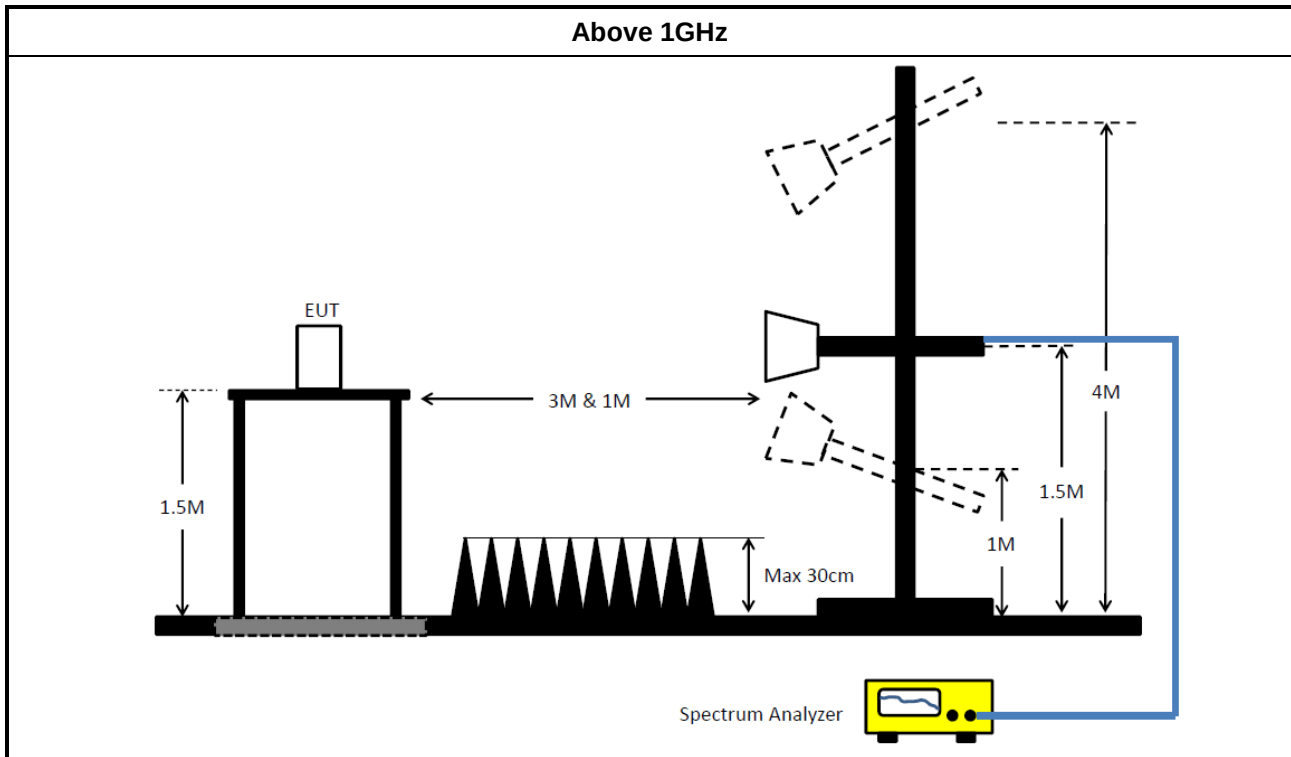
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

3.7 Receiver Radiated Spurious Emissions

3.7.1 Receiver in Radiated Spurious Emissions Limit

Restricted Spurious 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.

3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

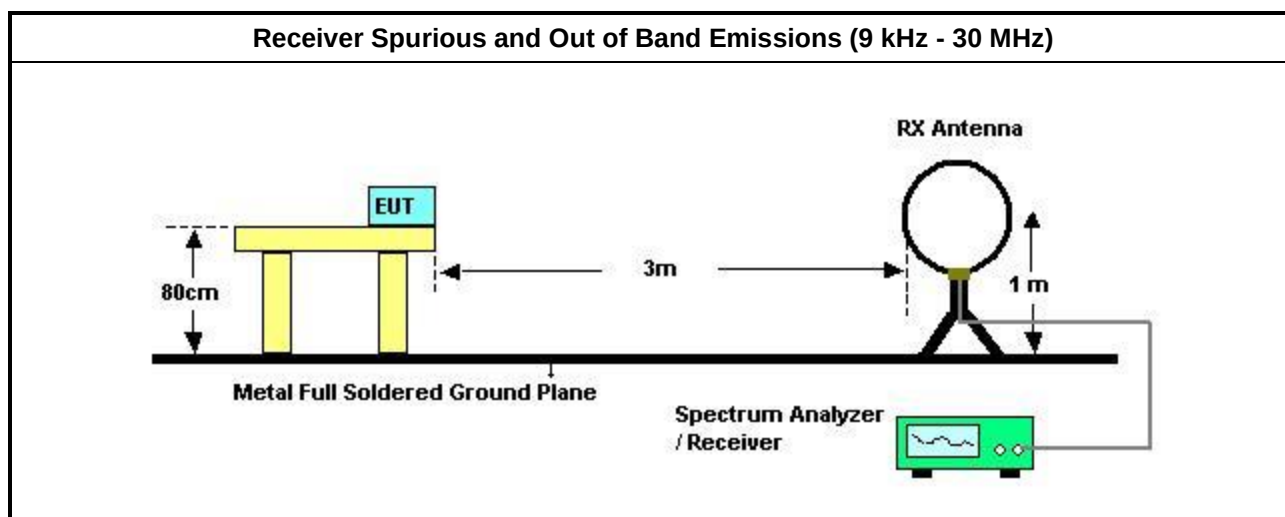
Test Method	
☒	The search for spurious emissions shall be from the lowest frequency internally generated or used in the receiver (e.g. local oscillator, intermediate or carrier frequency), or 30 MHz, whichever is higher, to at least 3 times the highest tuneable or local oscillator frequency, whichever is higher, without exceeding 40 GHz.
☒	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).
☒	For radiated measurement, refer as ANSI C63.4, clause 8.3.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from below 30 MHz.
☒	Refer as ANSI C63.4, clause 8.3.1.1 and 8.3.2.1 for radiated emissions from 30 MHz-1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the QP-Limit so that the QP level does not need to be reported in addition.
☒	Refer as ANSI C63.4, clause 8.3.1.2 and 8.3.2.2 for radiated emissions from above 1 GHz. For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.
☒	All amplitude of spurious emissions that are attenuated by more than 30 dB below the permissible value has no need to be reported.

3.7.4 Measurement Results Calculation

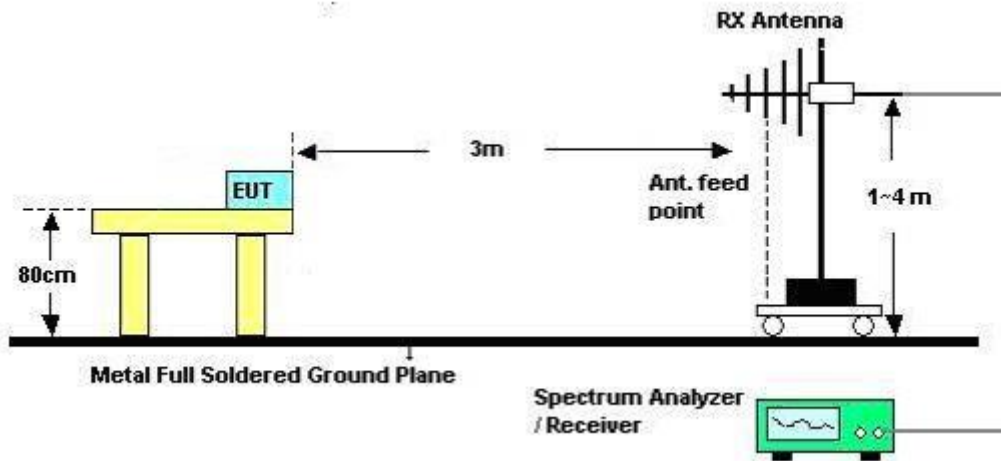
The measured Level is calculated using:

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

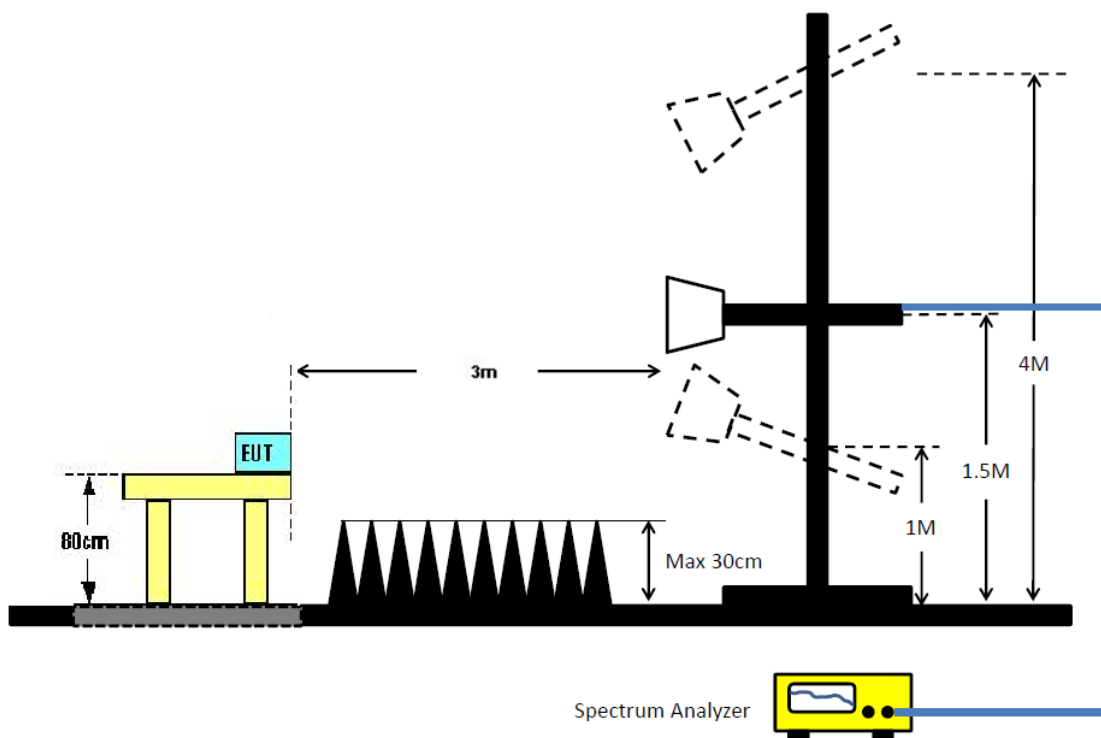
3.7.5 Test Setup



Receiver Radiated Unwanted Emissions (below 1GHz)



Receiver Radiated Unwanted Emissions (above 1GHz)



3.7.6 Receiver Radiated Unwanted Emissions (Below 30MHz)

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

3.7.7 Test Result of Receiver Radiated Unwanted Emissions

Refer as Appendix G

3.8 Maximum Permissible Exposure

3.8.1 Maximum Permissible Exposure Limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*100	6
3-30	1842 / f	4.89 / f	*900 / f ²	6
30-300	61.4	0.163	1.0	6
300-1500	-	-	f/300	6
1500-100,000	-	-	5.0	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*100	30
3-30	1842/f	4.89/f	*180/f ²	30
30-300	27.5	0.073	1.0	30
300-1500	-	-	f/1500	30
1500-100,000	-	-	1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density

3.8.2 Measuring Instruments

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

3.8.3 MPE Calculation Method

The MPE was calculated at 20 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$

3.8.4 Test Result of Calculated Result and Limit

Refer as Appendix H

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2020	08/Apr/2021
Two-Line V Network (LISN)	R&S	ENV 216	101274	9kHz ~ 30MHz	10/Jun/2020	09/Jun/2021
Cable	MTJ	RG 142	CO01-cable-01	100kHz ~ 1GHz	13/Jul/2020	12/Jul/2021
Pulse Limiter	SCHWARZBECK	VTSD 9561F	9495	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
Signal Analyzer	R&S	FSP30	100793	10Hz ~ 30GHz	03/Jun/2020	02/Jun/2021
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz ~ 1GHz	19/Apr/2020	18/Apr/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz ~ 1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4+SN 804300/4	1GHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	13/Mar/2020	12/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	496.827k	35.10	46.06	-10.96	Line
Mode 2	Pass	AV	1.692M	30.49	46.00	-15.51	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	200.748k	42.99	63.57	-20.58	Line	-
Mode 1	Pass	AV	200.748k	38.80	53.57	-14.77	Line	-
Mode 1	Pass	QP	496.827k	41.29	56.06	-14.77	Line	-
Mode 1	Pass	AV	496.827k	35.10	46.06	-10.96	Line	"Worst"
Mode 1	Pass	QP	783.156k	39.75	56.00	-16.25	Line	-
Mode 1	Pass	AV	783.156k	32.42	46.00	-13.58	Line	-
Mode 1	Pass	QP	2.074M	39.04	56.00	-16.96	Line	-
Mode 1	Pass	AV	2.074M	32.44	46.00	-13.56	Line	-
Mode 1	Pass	QP	6.681M	31.60	60.00	-28.40	Line	-
Mode 1	Pass	AV	6.681M	25.76	50.00	-24.24	Line	-
Mode 1	Pass	QP	15.266M	35.32	60.00	-24.68	Line	-
Mode 1	Pass	AV	15.266M	27.62	50.00	-22.38	Line	-
Mode 1	Pass	QP	252.043k	41.03	61.70	-20.67	Neutral	-
Mode 1	Pass	AV	252.043k	29.25	51.70	-22.45	Neutral	-
Mode 1	Pass	QP	444.284k	40.33	56.98	-16.65	Neutral	-
Mode 1	Pass	AV	444.284k	28.64	46.98	-18.34	Neutral	-
Mode 1	Pass	QP	749.51k	37.24	56.00	-18.76	Neutral	-
Mode 1	Pass	AV	749.51k	27.80	46.00	-18.20	Neutral	-
Mode 1	Pass	QP	2.563M	37.67	56.00	-18.33	Neutral	-
Mode 1	Pass	AV	2.563M	31.61	46.00	-14.39	Neutral	"Worst"
Mode 1	Pass	QP	6.369M	29.89	60.00	-30.11	Neutral	-
Mode 1	Pass	AV	6.369M	23.88	50.00	-26.12	Neutral	-
Mode 1	Pass	QP	15.574M	31.98	60.00	-28.02	Neutral	-
Mode 1	Pass	AV	15.574M	26.48	50.00	-23.52	Neutral	-
Mode 2	Pass	QP	195.216k	41.39	63.80	-22.41	Line	-
Mode 2	Pass	AV	195.216k	33.00	53.80	-20.80	Line	-
Mode 2	Pass	QP	494.848k	39.25	56.10	-16.85	Line	-
Mode 2	Pass	AV	494.848k	28.11	46.10	-17.99	Line	-
Mode 2	Pass	QP	786.289k	37.95	56.00	-18.05	Line	-
Mode 2	Pass	AV	786.289k	27.98	46.00	-18.02	Line	-
Mode 2	Pass	QP	1.692M	37.72	56.00	-18.28	Line	-
Mode 2	Pass	AV	1.692M	30.49	46.00	-15.51	Line	"Worst"
Mode 2	Pass	QP	6.193M	30.46	60.00	-29.54	Line	-
Mode 2	Pass	AV	6.193M	24.29	50.00	-25.71	Line	-
Mode 2	Pass	QP	15.205M	35.23	60.00	-24.77	Line	-
Mode 2	Pass	AV	15.205M	27.19	50.00	-22.81	Line	-
Mode 2	Pass	QP	239.296k	40.96	62.12	-21.16	Neutral	-
Mode 2	Pass	AV	239.296k	28.04	52.12	-24.08	Neutral	-
Mode 2	Pass	QP	435.504k	38.21	57.15	-18.94	Neutral	-
Mode 2	Pass	AV	435.504k	24.60	47.15	-22.55	Neutral	-
Mode 2	Pass	QP	644.016k	38.02	56.00	-17.98	Neutral	-
Mode 2	Pass	AV	644.016k	27.97	46.00	-18.03	Neutral	-
Mode 2	Pass	QP	1.375M	35.29	56.00	-20.71	Neutral	-



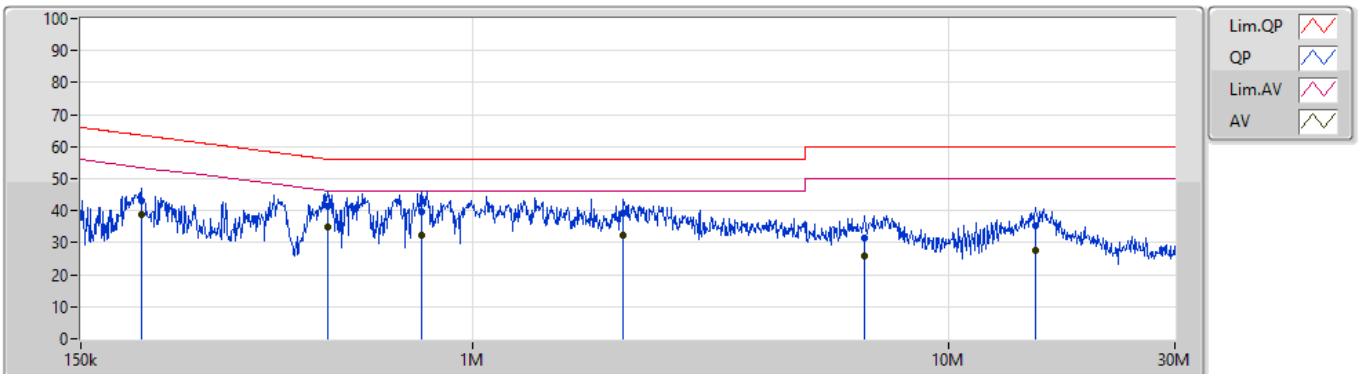
AC Power-line Conducted Emissions

Appendix A

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	AV	1.375M	27.73	46.00	-18.27	Neutral	-
Mode 2	Pass	QP	2.615M	36.67	56.00	-19.33	Neutral	-
Mode 2	Pass	AV	2.615M	30.11	46.00	-15.89	Neutral	"Worst"
Mode 2	Pass	QP	11.544M	29.77	60.00	-30.23	Neutral	-
Mode 2	Pass	AV	11.544M	23.96	50.00	-26.04	Neutral	-

Conducted Emissions at Powerline_Mode 1

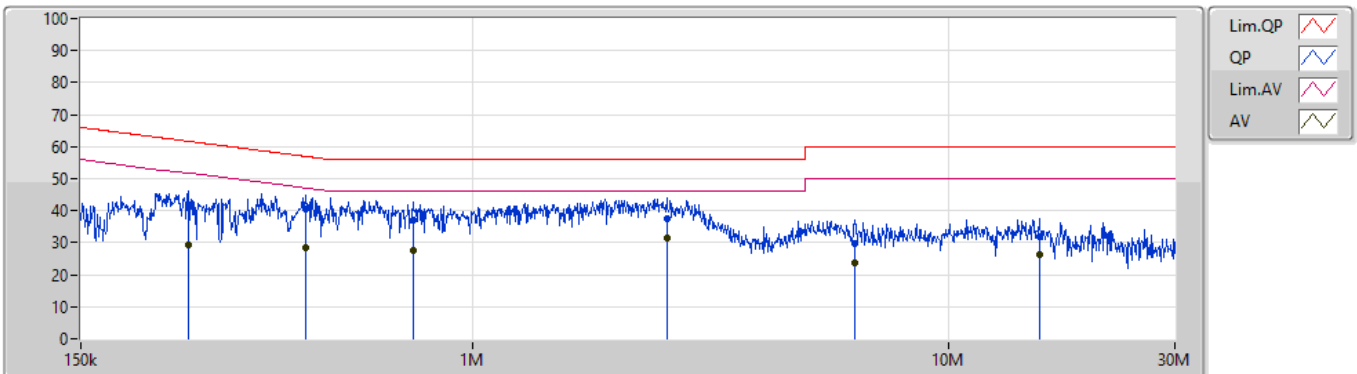
04/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	200.748k	42.99	63.57	-20.58	19.45	Line	-	23.54	9.67	0.02	9.76			
AV	200.748k	38.80	53.57	-14.77	19.45	Line	-	19.35	9.67	0.02	9.76			
QP	496.827k	41.29	56.06	-14.77	19.46	Line	-	21.83	9.67	0.03	9.76			
AV	496.827k	35.10	46.06	-10.96	19.46	Line	"Worst"	15.64	9.67	0.03	9.76			
QP	783.156k	39.75	56.00	-16.25	19.46	Line	-	20.29	9.67	0.04	9.75			
AV	783.156k	32.42	46.00	-13.58	19.46	Line	-	12.96	9.67	0.04	9.75			
QP	2.074M	39.04	56.00	-16.96	19.52	Line	-	19.52	9.68	0.08	9.76			
AV	2.074M	32.44	46.00	-13.56	19.52	Line	-	12.92	9.68	0.08	9.76			
QP	6.681M	31.60	60.00	-28.40	19.62	Line	-	11.98	9.71	0.15	9.76			
AV	6.681M	25.76	50.00	-24.24	19.62	Line	-	6.14	9.71	0.15	9.76			
QP	15.266M	35.32	60.00	-24.68	19.69	Line	-	15.63	9.69	0.23	9.77			
AV	15.266M	27.62	50.00	-22.38	19.69	Line	-	7.93	9.69	0.23	9.77			

Conducted Emissions at Powerline_Mode 1

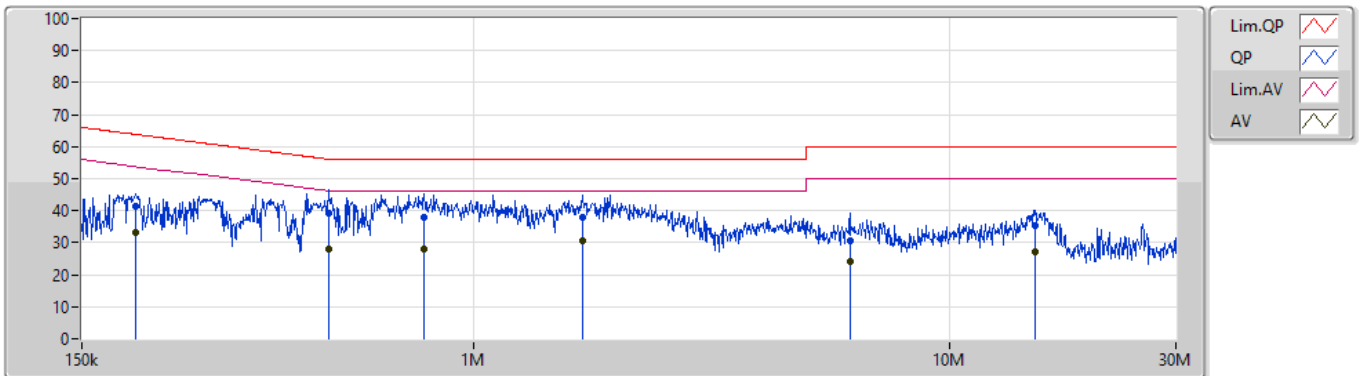
04/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	252.043k	41.03	61.70	-20.67	19.44	Neutral	-	21.59	9.66	0.02	9.76			
AV	252.043k	29.25	51.70	-22.45	19.44	Neutral	-	9.81	9.66	0.02	9.76			
QP	444.284k	40.33	56.98	-16.65	19.43	Neutral	-	20.90	9.65	0.02	9.76			
AV	444.284k	28.64	46.98	-18.34	19.43	Neutral	-	9.21	9.65	0.02	9.76			
QP	749.51k	37.24	56.00	-18.76	19.45	Neutral	-	17.79	9.66	0.04	9.75			
AV	749.51k	27.80	46.00	-18.20	19.45	Neutral	-	8.35	9.66	0.04	9.75			
QP	2.563M	37.67	56.00	-18.33	19.51	Neutral	-	18.16	9.66	0.09	9.76			
AV	2.563M	31.61	46.00	-14.39	19.51	Neutral	"Worst"	12.10	9.66	0.09	9.76			
QP	6.369M	29.89	60.00	-30.11	19.61	Neutral	-	10.28	9.70	0.15	9.76			
AV	6.369M	23.88	50.00	-26.12	19.61	Neutral	-	4.27	9.70	0.15	9.76			
QP	15.574M	31.98	60.00	-28.02	19.73	Neutral	-	12.25	9.72	0.24	9.77			
AV	15.574M	26.48	50.00	-23.52	19.73	Neutral	-	6.75	9.72	0.24	9.77			

Conducted Emissions at Powerline_Mode 2

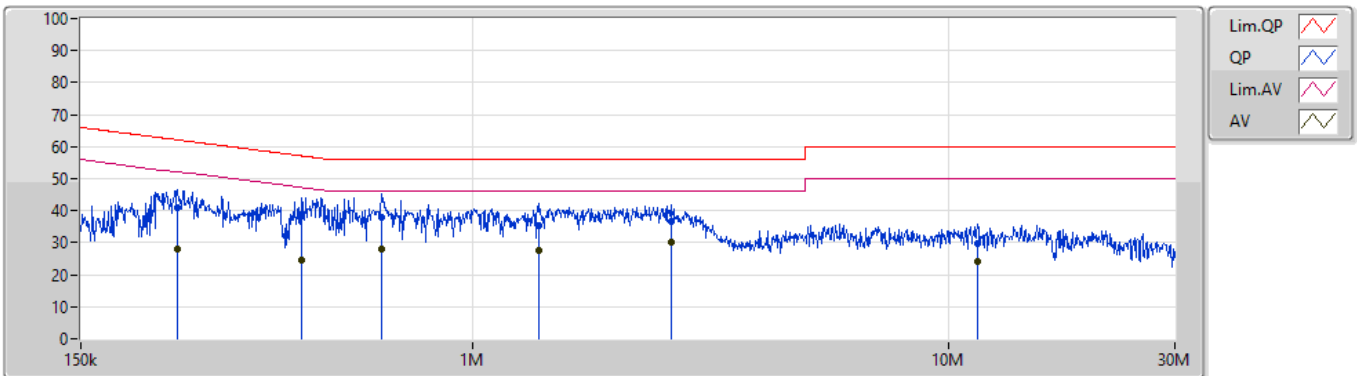
04/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	195.216k	41.39	63.80	-22.41	19.45	Line	-	21.94	9.67	0.02	9.76			
AV	195.216k	33.00	53.80	-20.80	19.45	Line	-	13.55	9.67	0.02	9.76			
QP	494.848k	39.25	56.10	-16.85	19.46	Line	-	19.79	9.67	0.03	9.76			
AV	494.848k	28.11	46.10	-17.99	19.46	Line	-	8.65	9.67	0.03	9.76			
QP	786.289k	37.95	56.00	-18.05	19.46	Line	-	18.49	9.67	0.04	9.75			
AV	786.289k	27.98	46.00	-18.02	19.46	Line	-	8.52	9.67	0.04	9.75			
QP	1.692M	37.72	56.00	-18.28	19.51	Line	-	18.21	9.68	0.07	9.76			
AV	1.692M	30.49	46.00	-15.51	19.51	Line	"Worst"	10.98	9.68	0.07	9.76			
QP	6.193M	30.46	60.00	-29.54	19.61	Line	-	10.85	9.70	0.15	9.76			
AV	6.193M	24.29	50.00	-25.71	19.61	Line	-	4.68	9.70	0.15	9.76			
QP	15.205M	35.23	60.00	-24.77	19.69	Line	-	15.54	9.69	0.23	9.77			
AV	15.205M	27.19	50.00	-22.81	19.69	Line	-	7.50	9.69	0.23	9.77			

Conducted Emissions at Powerline_Mode 2

04/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	239.296k	40.96	62.12	-21.16	19.44	Neutral	-	21.52	9.66	0.02	9.76			
AV	239.296k	28.04	52.12	-24.08	19.44	Neutral	-	8.60	9.66	0.02	9.76			
QP	435.504k	38.21	57.15	-18.94	19.43	Neutral	-	18.78	9.65	0.02	9.76			
AV	435.504k	24.60	47.15	-22.55	19.43	Neutral	-	5.17	9.65	0.02	9.76			
QP	644.016k	38.02	56.00	-17.98	19.45	Neutral	-	18.57	9.66	0.04	9.75			
AV	644.016k	27.97	46.00	-18.03	19.45	Neutral	-	8.52	9.66	0.04	9.75			
QP	1.375M	35.29	56.00	-20.71	19.47	Neutral	-	15.82	9.66	0.06	9.75			
AV	1.375M	27.73	46.00	-18.27	19.47	Neutral	-	8.26	9.66	0.06	9.75			
QP	2.615M	36.67	56.00	-19.33	19.51	Neutral	-	17.16	9.66	0.09	9.76			
AV	2.615M	30.11	46.00	-15.89	19.51	Neutral	"Worst"	10.60	9.66	0.09	9.76			
QP	11.544M	29.77	60.00	-30.23	19.68	Neutral	-	10.09	9.72	0.20	9.76			
AV	11.544M	23.96	50.00	-26.04	19.68	Neutral	-	4.28	9.72	0.20	9.76			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	9.525M	14.013M	14M0G1D	9.05M	13.713M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.732M	16M7D1D	15.025M	16.352M
802.11n HT20_Nss1,(MCS0)_2TX	15.675M	17.751M	17M8D1D	15.05M	17.531M
802.11n HT40_Nss1,(MCS0)_2TX	35.1M	36.142M	36M1D1D	35M	35.982M

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

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

Result

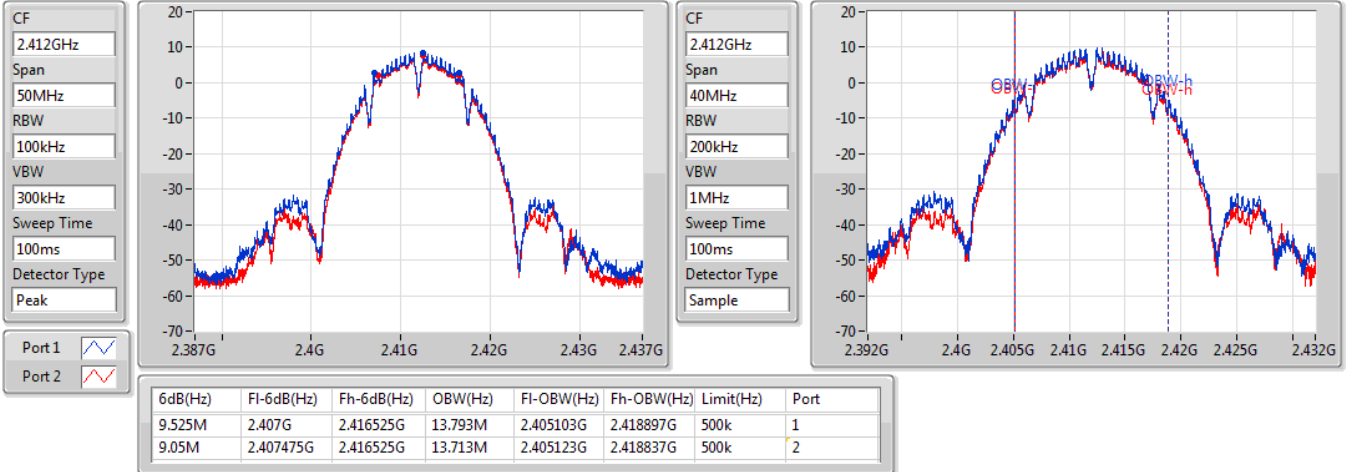
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.525M	13.793M	9.05M	13.713M
2437MHz	Pass	500k	9.075M	13.973M	9.075M	13.893M
2462MHz	Pass	500k	9.075M	14.013M	9.075M	13.813M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.392M	15.05M	16.392M
2437MHz	Pass	500k	15.025M	16.712M	15.1M	16.732M
2462MHz	Pass	500k	15.075M	16.352M	15.075M	16.372M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.65M	17.551M	15.05M	17.551M
2437MHz	Pass	500k	15.15M	17.691M	15.075M	17.751M
2462MHz	Pass	500k	15.675M	17.531M	15.1M	17.531M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	36.022M	35.1M	36.062M
2437MHz	Pass	500k	35.05M	36.142M	35.05M	36.022M
2452MHz	Pass	500k	35M	36.062M	35.05M	35.982M

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

802.11b_Nss1,(1Mbps)_2TX

EBW
2412MHz

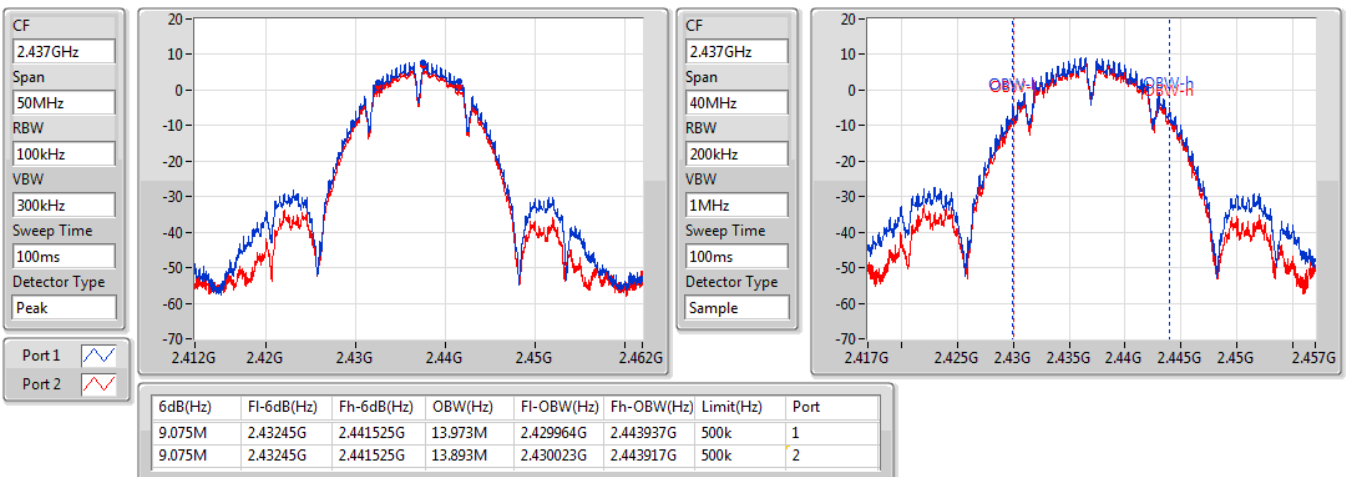
09/08/2020



802.11b_Nss1,(1Mbps)_2TX

EBW
2437MHz

09/08/2020

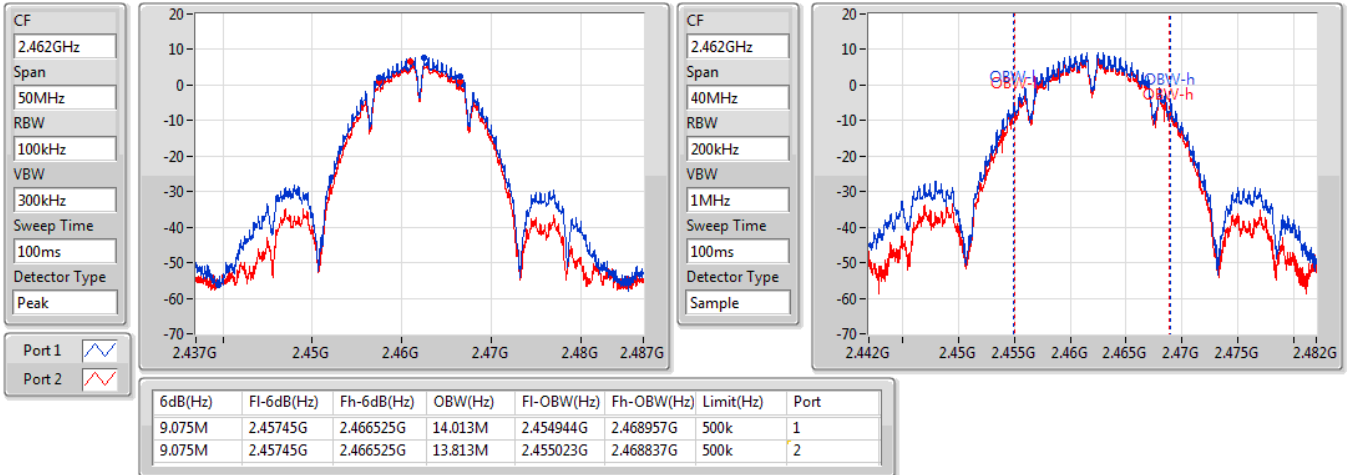


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

09/08/2020

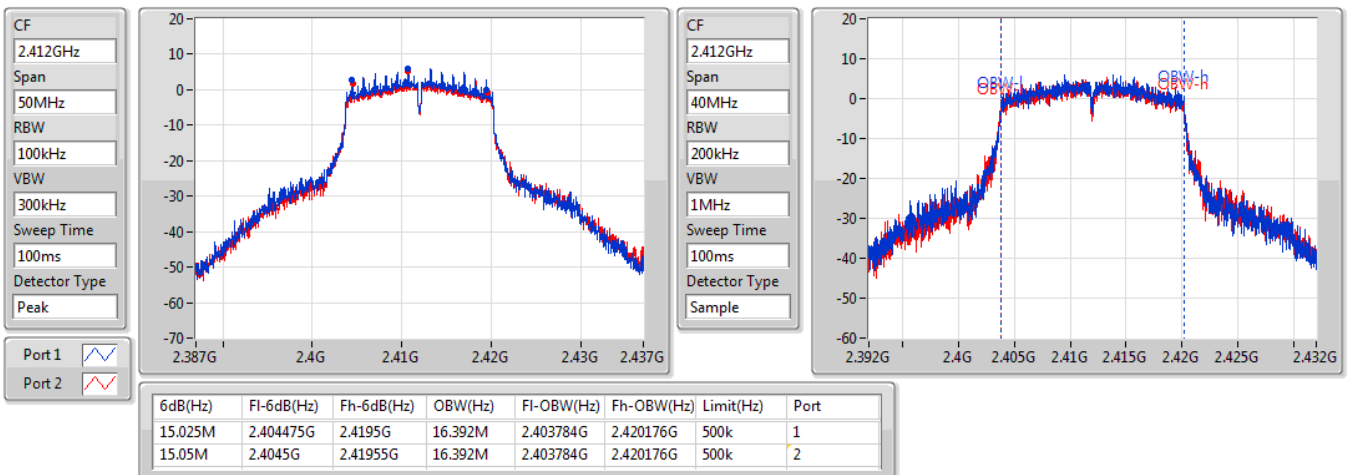


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

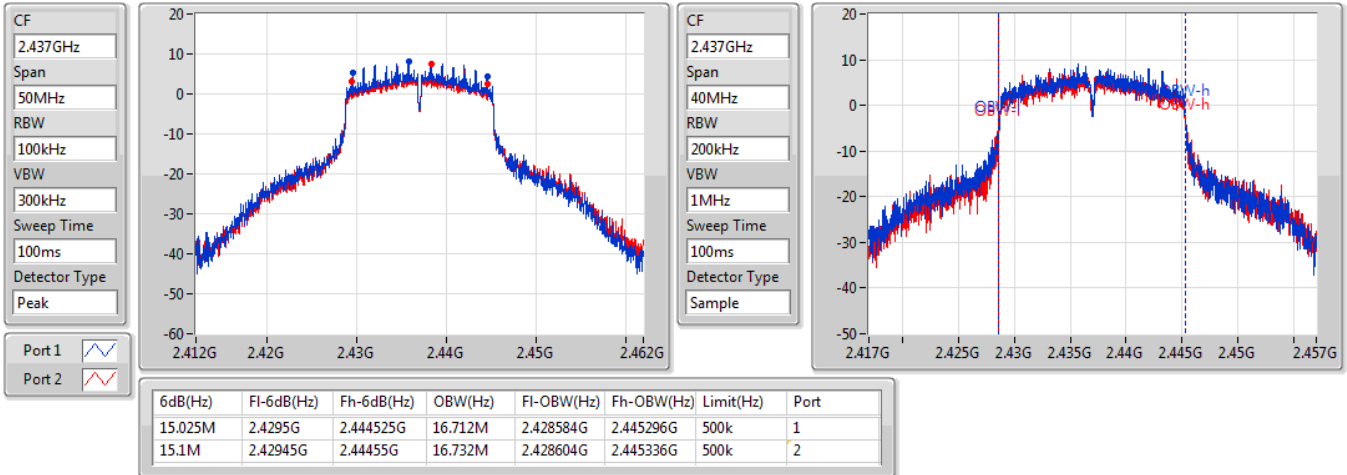
09/08/2020



802.11g_Nss1,(6Mbps)_2TX

2437MHz

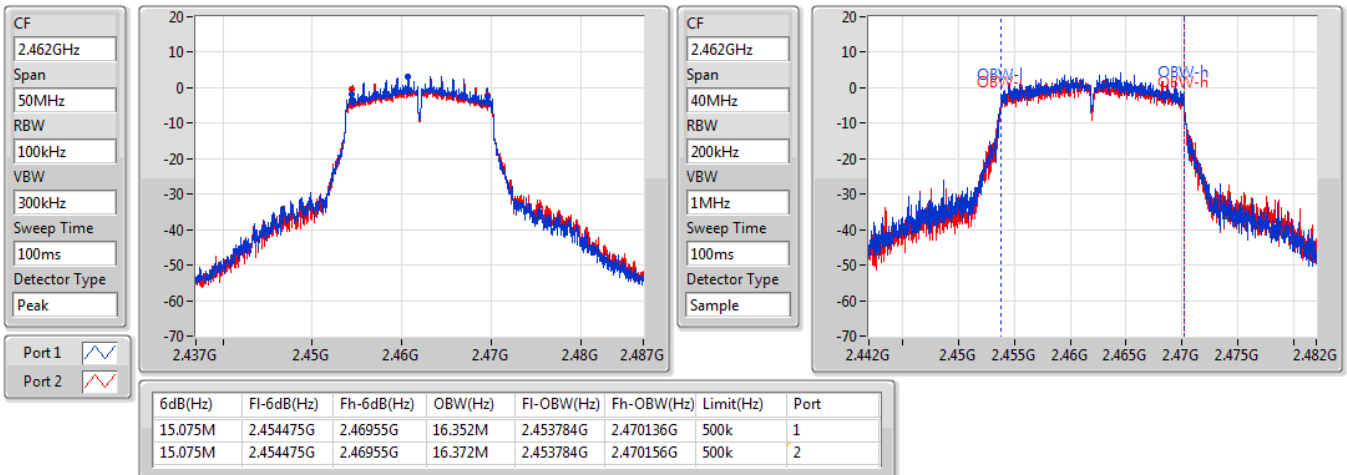
09/08/2020



802.11g_Nss1,(6Mbps)_2TX

2462MHz

09/08/2020

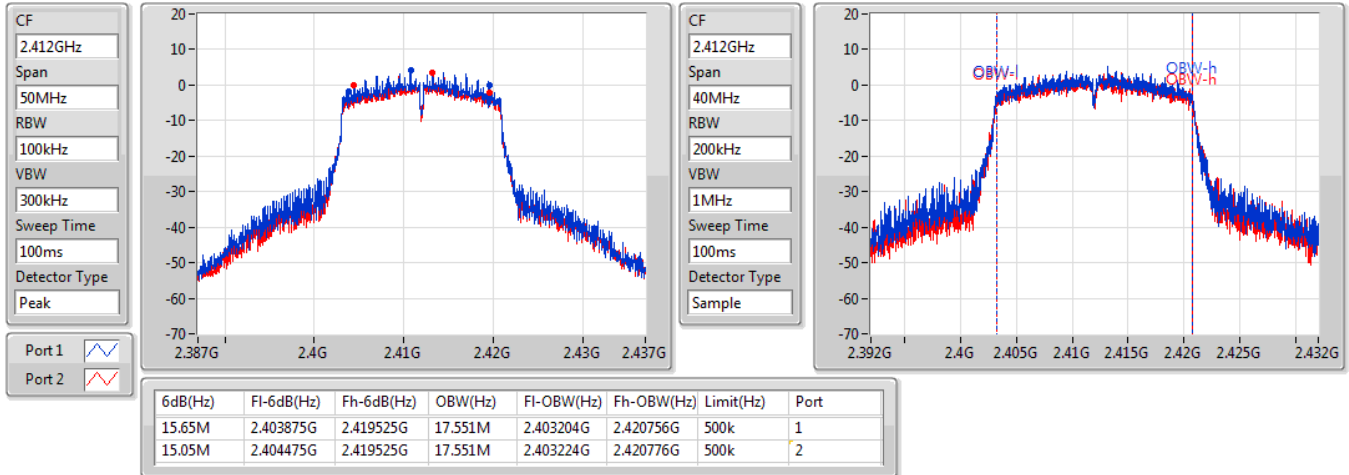


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

09/08/2020

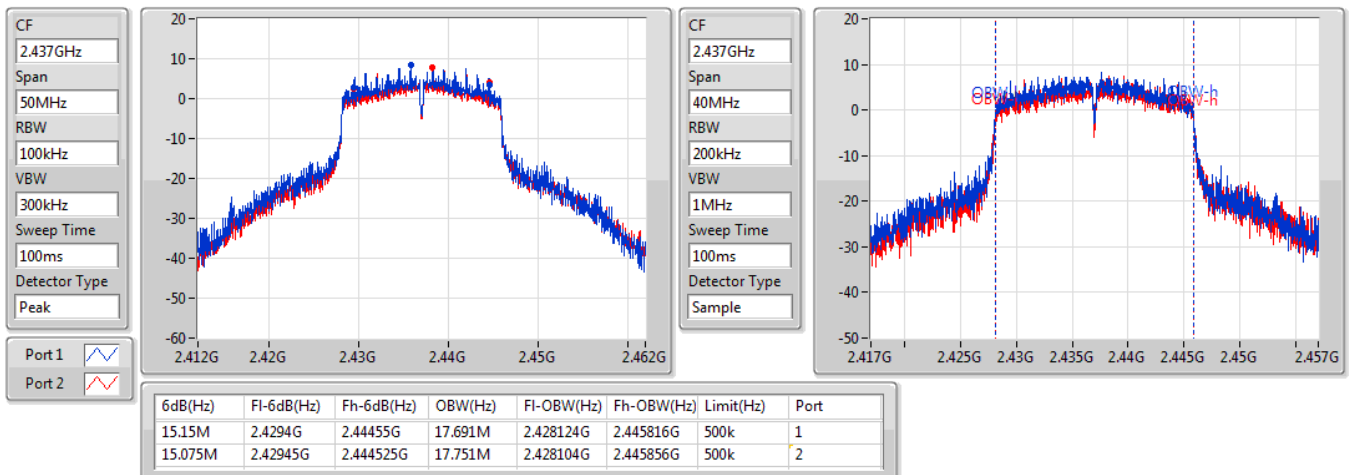


802.11n HT20_Nss1,(MCS0)_2TX

EBW

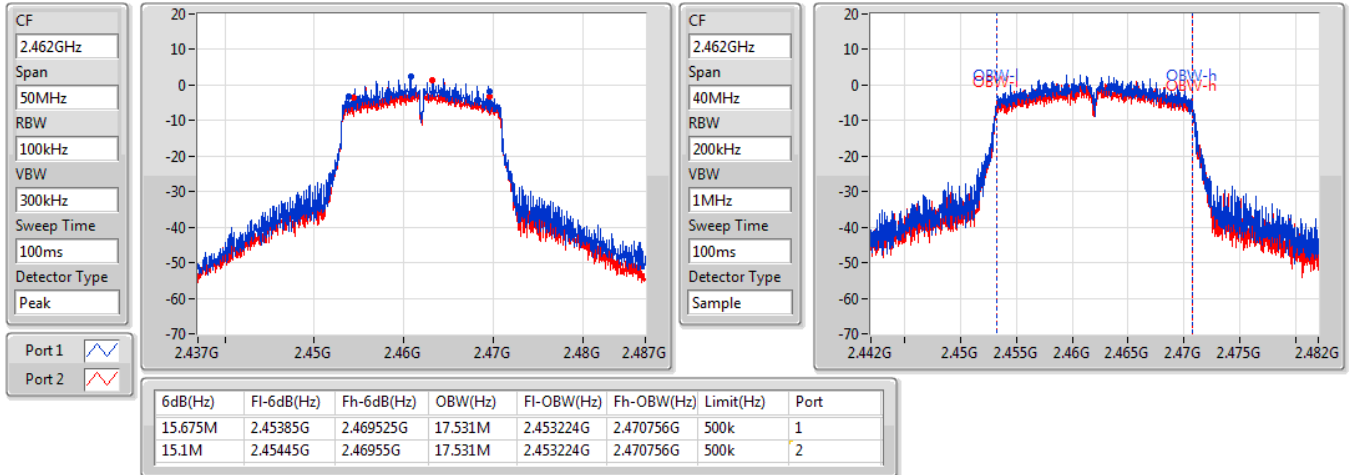
2437MHz

09/08/2020

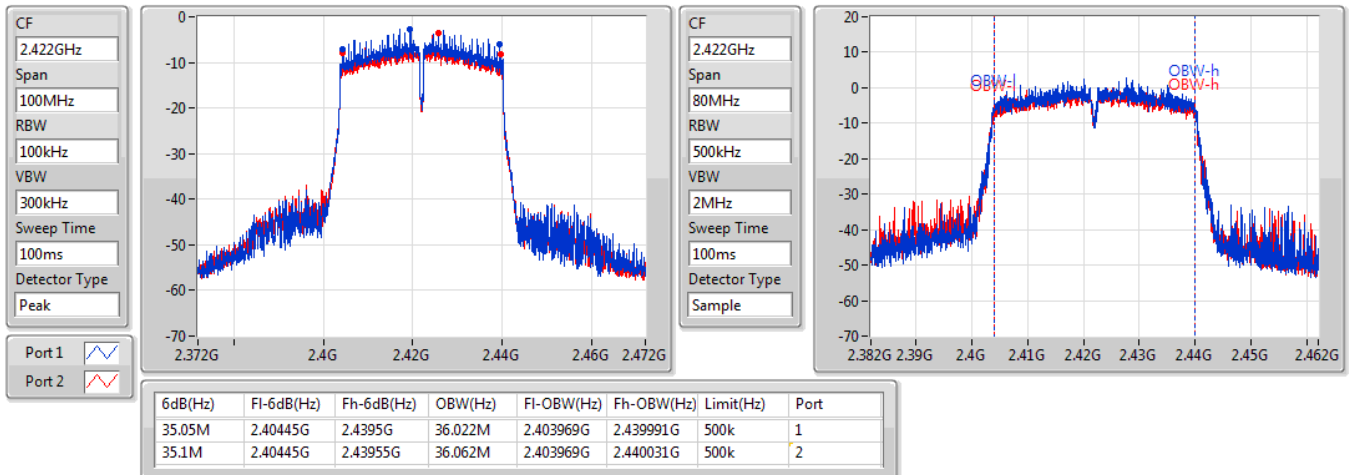


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

09/08/2020

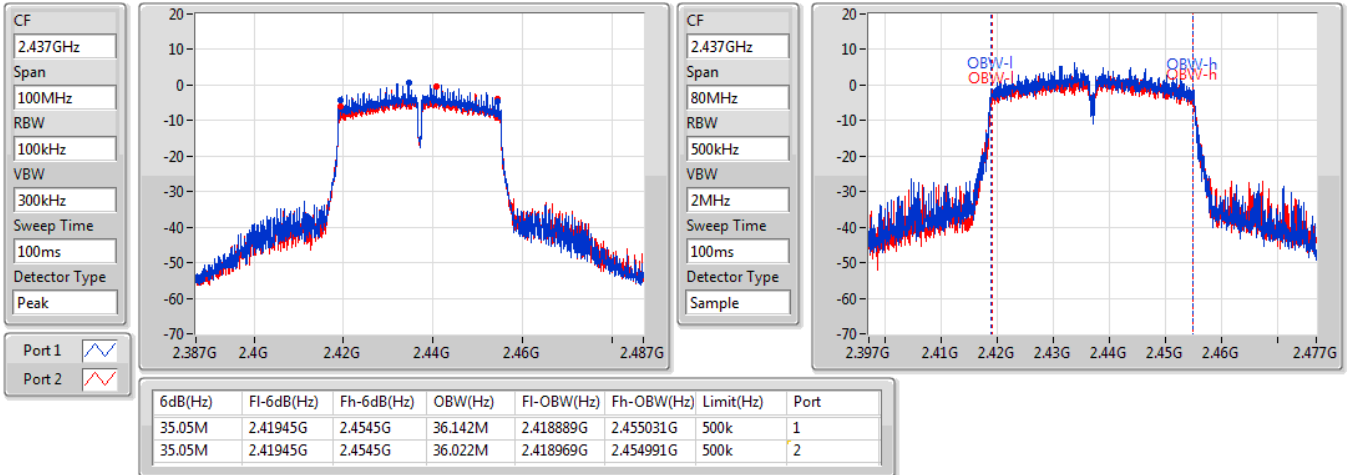

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

09/08/2020

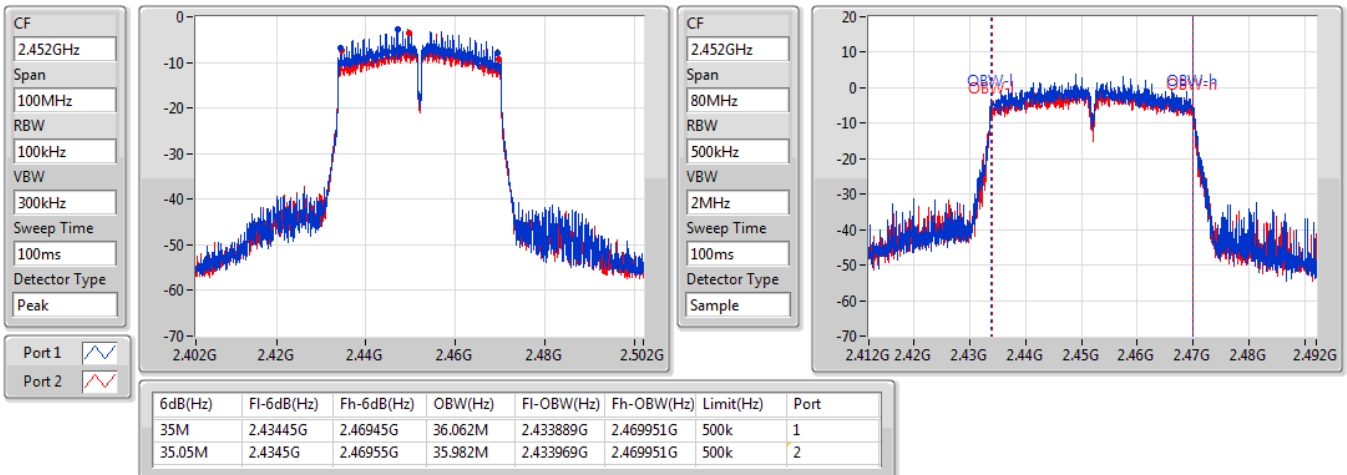


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

09/08/2020


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

09/08/2020





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.55	0.14289
802.11g_Nss1,(6Mbps)_2TX	22.30	0.16982
802.11n HT20_Nss1,(MCS0)_2TX	22.19	0.16558
802.11n HT40_Nss1,(MCS0)_2TX	17.08	0.05105

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.25	18.83	18.23	21.55	30
2437MHz	Pass	2.25	18.56	17.38	21.02	30
2462MHz	Pass	2.25	18.43	17.58	21.04	30
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.25	17.19	16.60	19.92	30
2417MHz	Pass	2.25	18.77	17.94	21.39	30
2437MHz	Pass	2.25	19.72	18.82	22.30	30
2457MHz	Pass	2.25	16.67	15.92	19.32	30
2462MHz	Pass	2.25	15.03	14.39	17.73	30
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.25	15.42	14.56	18.02	30
2417MHz	Pass	2.25	18.06	17.17	20.65	30
2437MHz	Pass	2.25	19.70	18.59	22.19	30
2457MHz	Pass	2.25	16.58	15.59	19.12	30
2462MHz	Pass	2.25	13.71	12.38	16.11	30
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.25	11.46	10.48	14.01	30
2427MHz	Pass	2.25	12.68	11.64	15.20	30
2437MHz	Pass	2.25	14.49	13.60	17.08	30
2447MHz	Pass	2.25	12.01	10.93	14.51	30
2452MHz	Pass	2.25	11.58	10.31	14.00	30

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-7.36
802.11g_Nss1,(6Mbps)_2TX	-5.64
802.11n HT20_Nss1,(MCS0)_2TX	-6.39
802.11n HT40_Nss1,(MCS0)_2TX	-13.96

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	5.26	-8.53	-9.07	-7.36	8.00
2437MHz	Pass	5.26	-8.98	-10.17	-8.28	8.00
2462MHz	Pass	5.26	-9.28	-11.92	-7.42	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.26	-8.86	-10.37	-7.74	8.00
2437MHz	Pass	5.26	-7.67	-7.11	-5.64	8.00
2462MHz	Pass	5.26	-11.69	-13.38	-10.88	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.26	-12.40	-11.28	-8.80	8.00
2437MHz	Pass	5.26	-8.32	-7.49	-6.39	8.00
2462MHz	Pass	5.26	-14.03	-14.63	-12.20	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.26	-19.04	-19.21	-16.76	8.00
2437MHz	Pass	5.26	-15.95	-15.67	-13.96	8.00
2452MHz	Pass	5.26	-18.07	-19.47	-16.50	8.00

DG = Directional Gain;

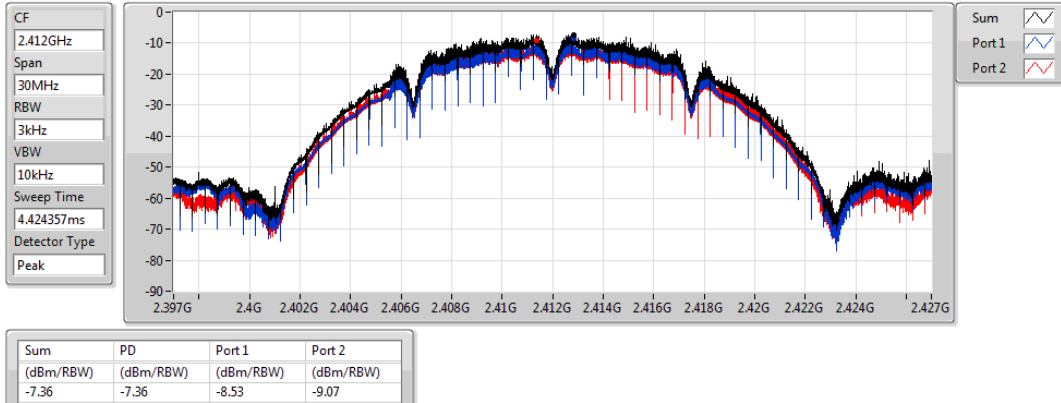
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

09/08/2020

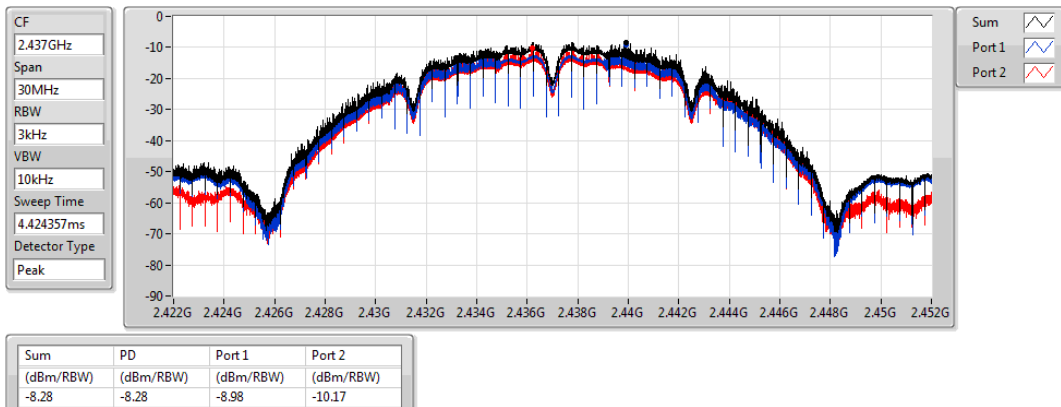


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

09/08/2020

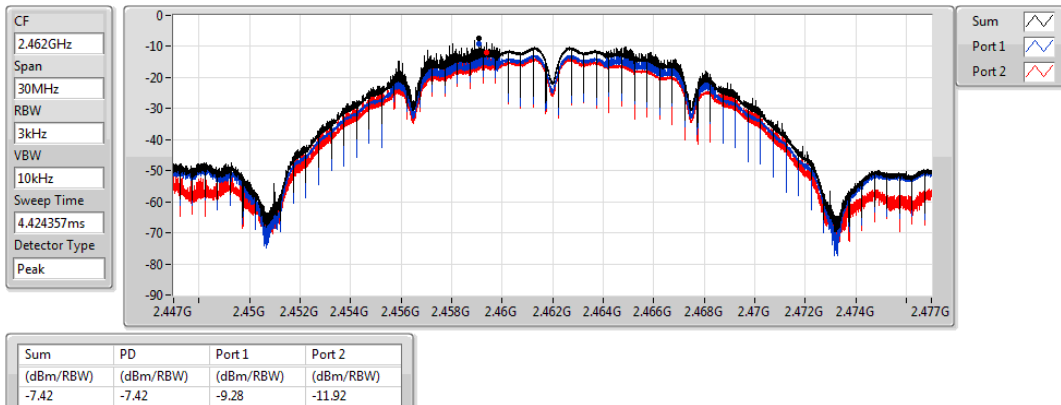


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

09/08/2020

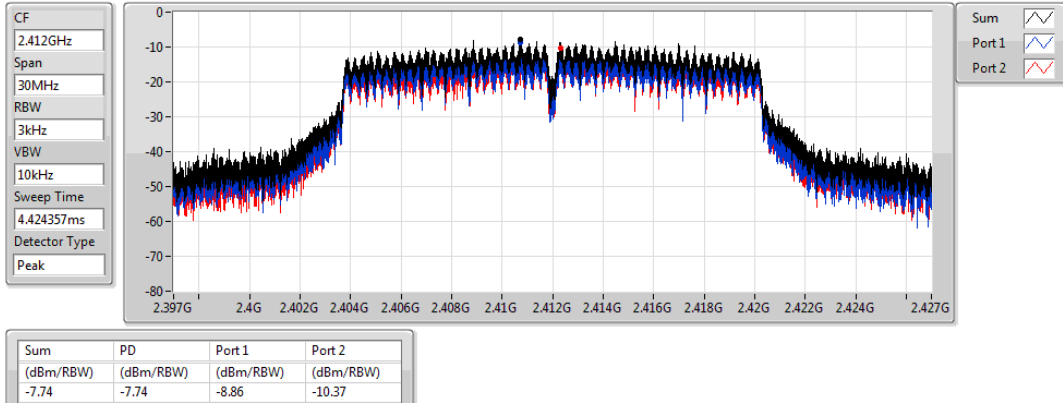


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

09/08/2020

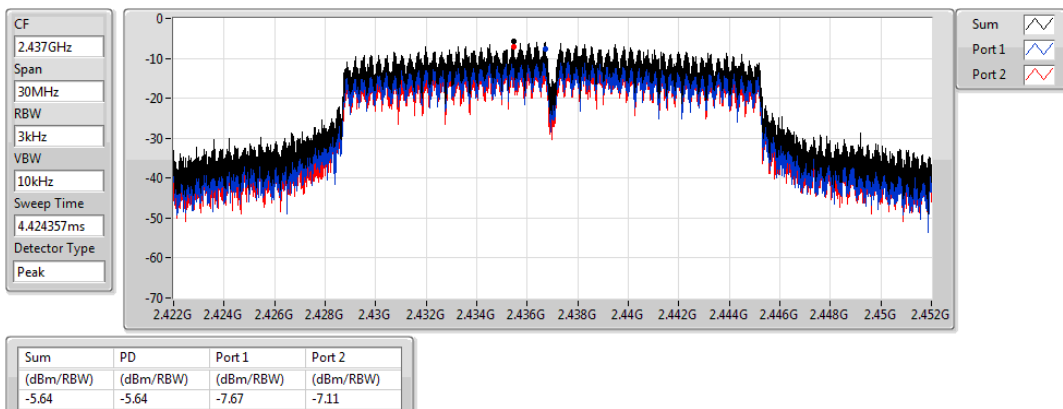


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

09/08/2020

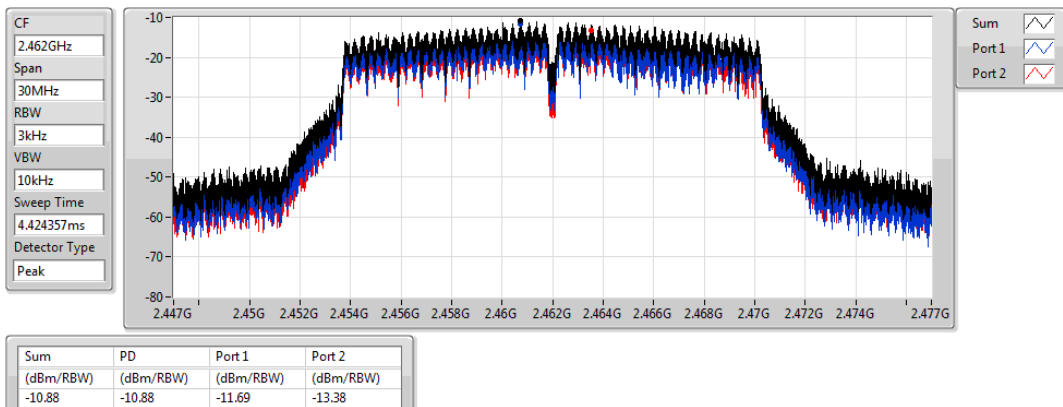


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

09/08/2020

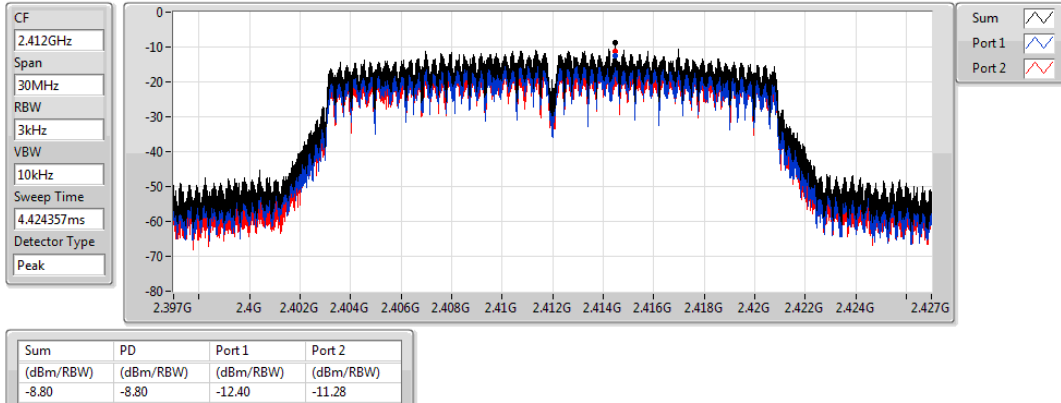


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

09/08/2020

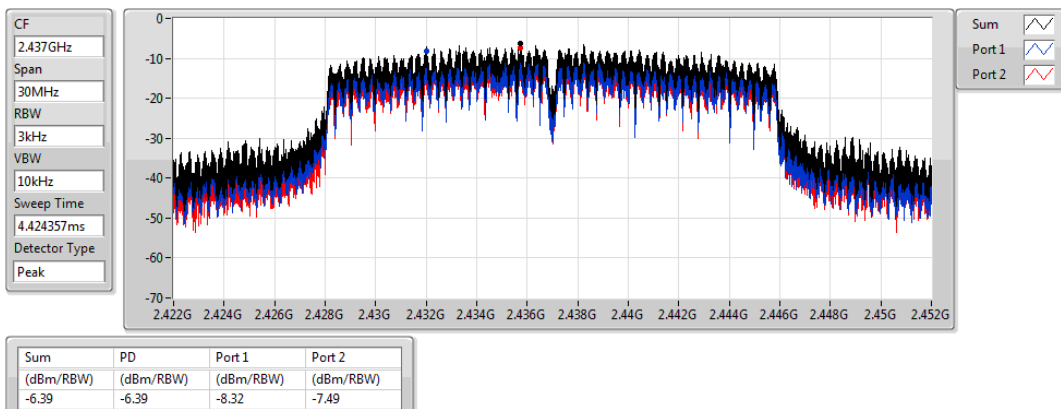


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

09/08/2020

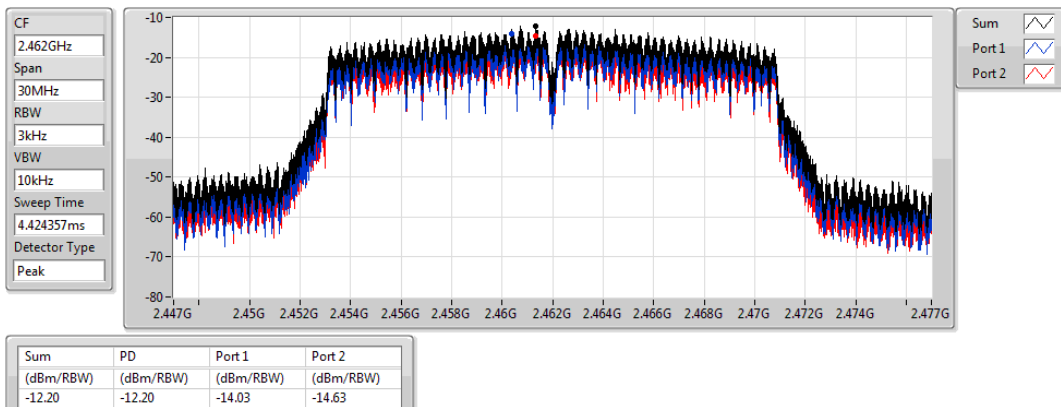


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

09/08/2020

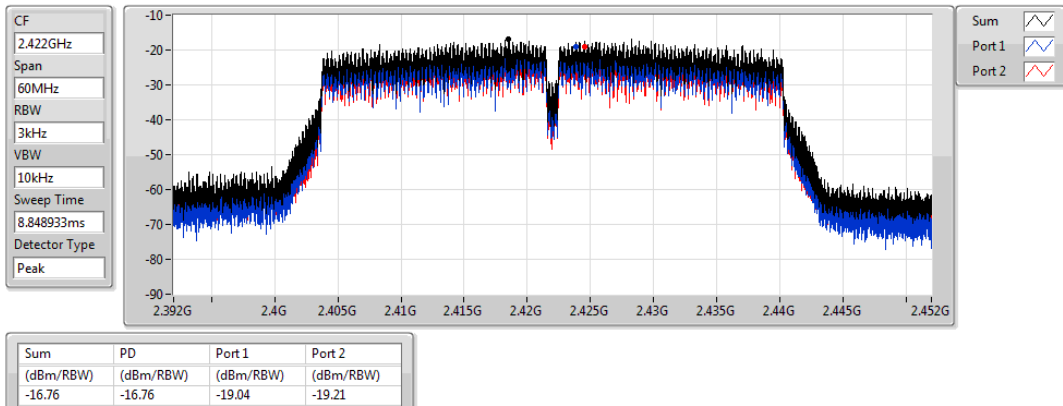


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

09/08/2020

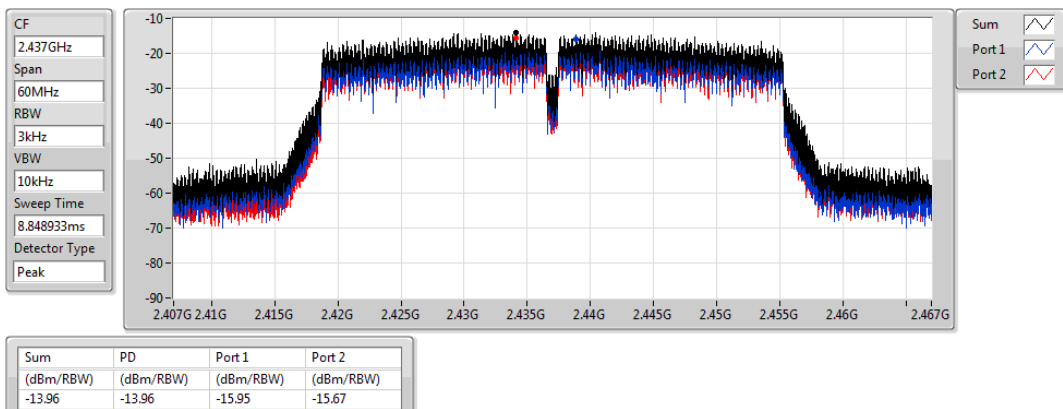


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

09/08/2020

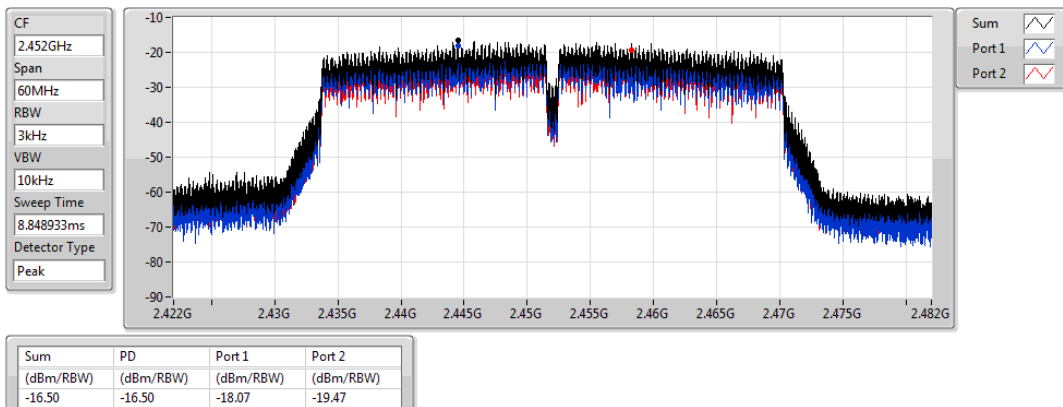


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

09/08/2020



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	8.28	-21.72	2.14972G	-55.58	2.39838G	-32.63	2.4G	-41.68	2.49484G	-52.08	16.57131G	-40.95	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	8.33	-21.67	2.11215G	-54.22	2.39874G	-24.77	2.4G	-27.87	2.4883G	-52.93	14.94739G	-42.16	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43574G	8.45	-21.55	2.30029G	-54.78	2.39918G	-27.72	2.4G	-31.99	2.48676G	-52.37	23.40417G	-41.91	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43449G	0.54	-29.46	2.00169G	-55.20	2.39616G	-36.48	2.4G	-42.93	2.51758G	-52.84	23.47712G	-42.00	2

Result

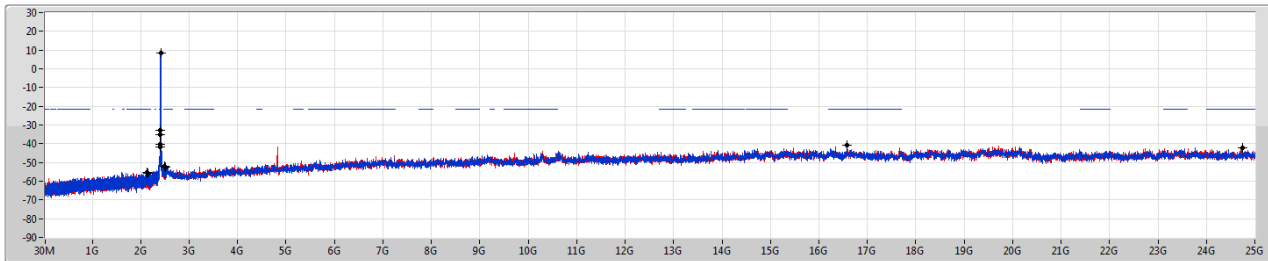
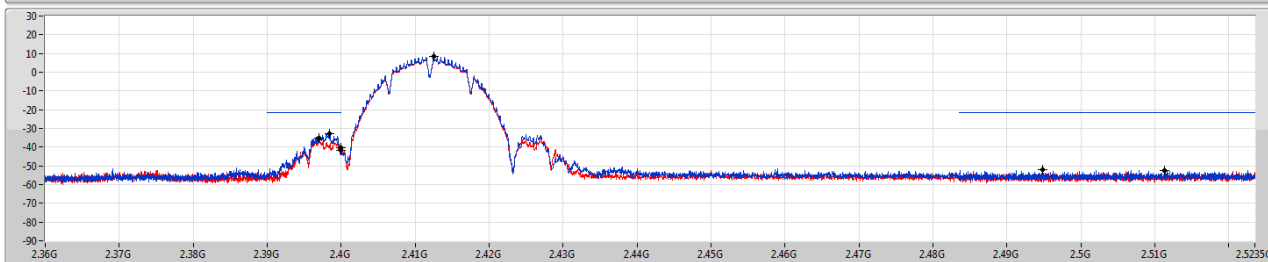
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	8.28	-21.72	2.14972G	-55.58	2.39838G	-32.63	2.4G	-41.68	2.49484G	-52.08	16.57131G	-40.95	1
2412MHz	Pass	2.41248G	8.28	-21.72	2.1369G	-55.48	2.39702G	-35.38	2.4G	-40.34	2.51126G	-52.68	24.73871G	-42.01	2
2437MHz	Pass	2.41248G	8.28	-21.72	2.14506G	-55.15	2.39892G	-54.05	2.4835G	-55.36	2.51286G	-52.89	23.45474G	-41.39	1
2437MHz	Pass	2.41248G	8.28	-21.72	2.30991G	-54.58	2.39646G	-52.27	2.4835G	-55.87	2.49692G	-53.10	23.44069G	-42.40	2
2462MHz															
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.33	-21.67	2.11215G	-54.22	2.39874G	-24.77	2.4G	-27.87	2.4883G	-52.93	14.94739G	-42.16	1
2412MHz	Pass	2.43824G	8.33	-21.67	1.96856G	-55.57	2.39992G	-25.58	2.4G	-26.95	2.4983G	-52.48	17.45913G	-42.12	2
2437MHz	Pass	2.43824G	8.33	-21.67	2.18816G	-54.76	2.3998G	-48.97	2.4G	-51.96	2.48452G	-51.60	23.42945G	-41.48	1
2437MHz	Pass	2.43824G	8.33	-21.67	2.30903G	-54.20	2.39984G	-47.44	2.4G	-51.86	2.4845G	-50.52	23.30583G	-42.21	2
2462MHz	Pass	2.43824G	8.33	-21.67	1.93419G	-54.55	2.39386G	-52.10	2.4835G	-47.00	2.48388G	-46.62	23.46317G	-41.32	1
2462MHz	Pass	2.43824G	8.33	-21.67	2.1136G	-55.53	2.39162G	-53.24	2.4835G	-49.62	2.48386G	-47.38	17.66985G	-42.48	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	8.45	-21.55	2.30029G	-54.78	2.39918G	-27.72	2.4G	-31.99	2.48676G	-52.37	23.40417G	-41.91	1
2412MHz	Pass	2.43574G	8.45	-21.55	2.30583G	-55.10	2.3995G	-31.42	2.4G	-33.48	2.49448G	-52.20	23.46598G	-41.02	2
2437MHz	Pass	2.43574G	8.45	-21.55	2.30059G	-55.20	2.39856G	-45.58	2.4G	-50.66	2.48766G	-51.35	24.35942G	-42.88	1
2437MHz	Pass	2.43574G	8.45	-21.55	2.1969G	-54.96	2.39956G	-47.31	2.4G	-50.04	2.4836G	-49.55	23.51936G	-42.61	2
2462MHz	Pass	2.43574G	8.45	-21.55	2.30408G	-54.53	2.39486G	-53.47	2.4835G	-47.87	2.48638G	-44.15	23.40136G	-41.87	1
2462MHz	Pass	2.43574G	8.45	-21.55	2.30612G	-54.56	2.3971G	-54.50	2.4835G	-49.86	2.4835G	-49.60	24.70219G	-41.83	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	0.54	-29.46	1.78815G	-56.02	2.39616G	-37.54	2.4G	-43.16	2.54546G	-52.46	15.01015G	-41.98	1
2422MHz	Pass	2.43449G	0.54	-29.46	2.00169G	-55.20	2.39616G	-36.48	2.4G	-42.93	2.51758G	-52.84	23.47712G	-42.00	2
2437MHz	Pass	2.43449G	0.54	-29.46	2.30998G	-55.17	2.39996G	-38.96	2.4G	-39.40	2.48506G	-48.01	16.28062G	-41.91	1
2437MHz	Pass	2.43449G	0.54	-29.46	2.30082G	-55.42	2.39952G	-39.47	2.4G	-40.12	2.48514G	-47.83	23.39859G	-42.35	2
2452MHz	Pass	2.43449G	0.54	-29.46	1.80017G	-55.34	2.39892G	-53.73	2.4835G	-49.87	2.48458G	-41.78	24.02401G	-42.07	1
2452MHz	Pass	2.43449G	0.54	-29.46	2.16342G	-55.45	2.39944G	-53.32	2.4835G	-48.77	2.48462G	-42.23	23.14899G	-42.48	2

802.11b_Nss1,(1Mbps)_2TX

CSENdB

2412MHz

09/08/2020

Port 1
Port 2RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

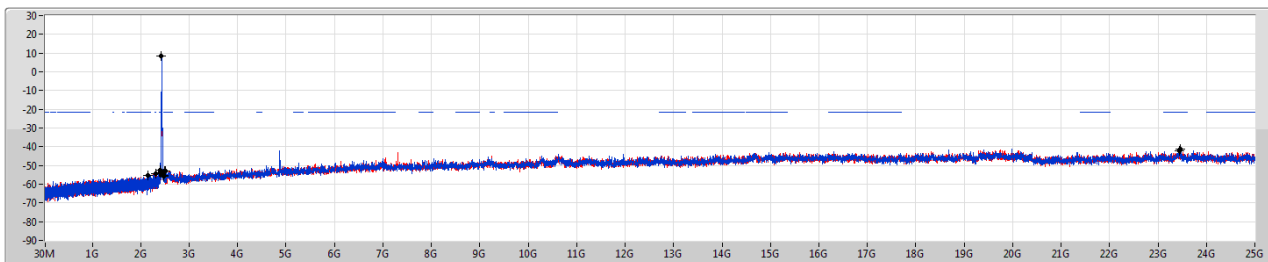
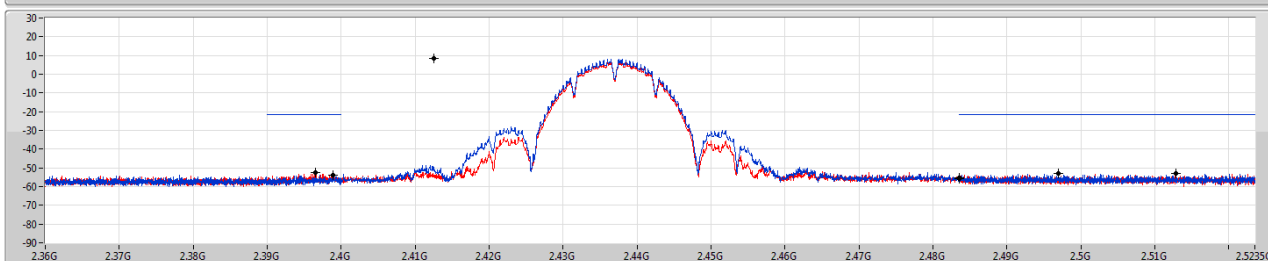
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	8.28	-21.72	2.14972G	-55.58	2.39838G	-32.63	2.4G	-41.68	2.49484G	-52.08	16.57131G	-40.95	1
2.41248G	8.28	-21.72	2.1369G	-55.48	2.39702G	-35.38	2.4G	-40.34	2.51126G	-52.68	24.73871G	-42.01	2

802.11b_Nss1,(1Mbps)_2TX

CSENdB

2437MHz

09/08/2020

Port 1
Port 2RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

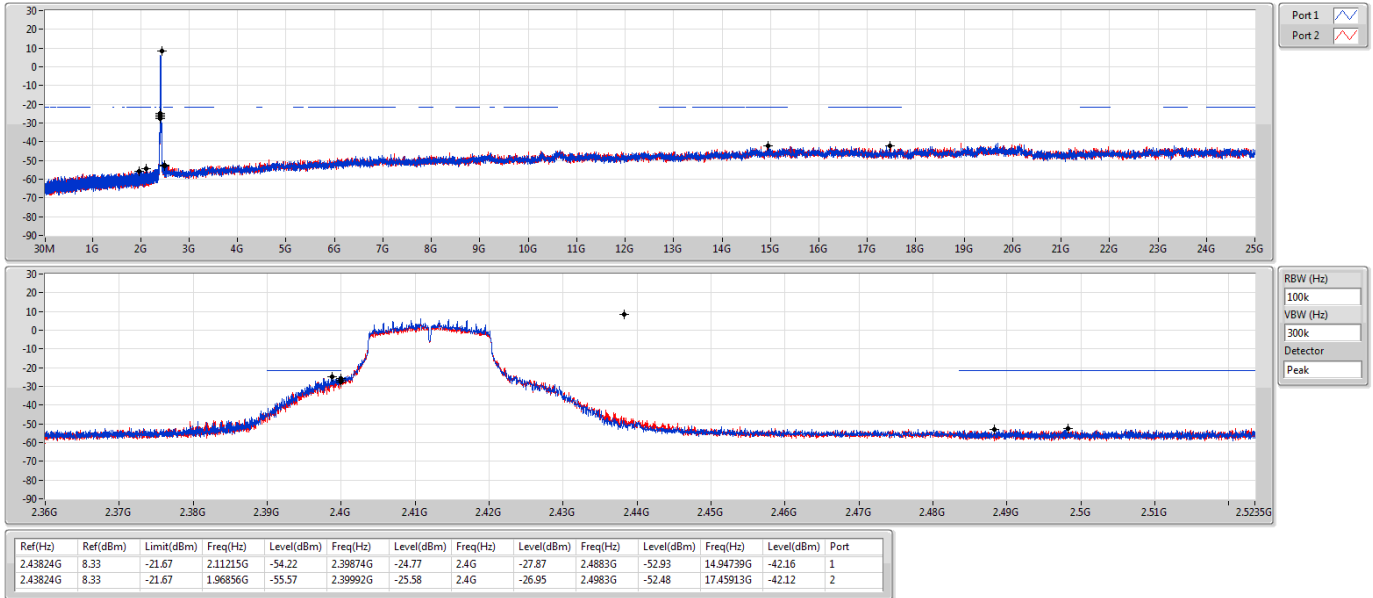
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	8.28	-21.72	2.14506G	-55.15	2.39892G	-54.05	2.4835G	-55.36	2.51286G	-52.89	23.45474G	-41.39	1
2.41248G	8.28	-21.72	2.30991G	-54.58	2.39646G	-52.27	2.4835G	-55.87	2.49692G	-53.10	23.44069G	-42.40	2

802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

09/08/2020

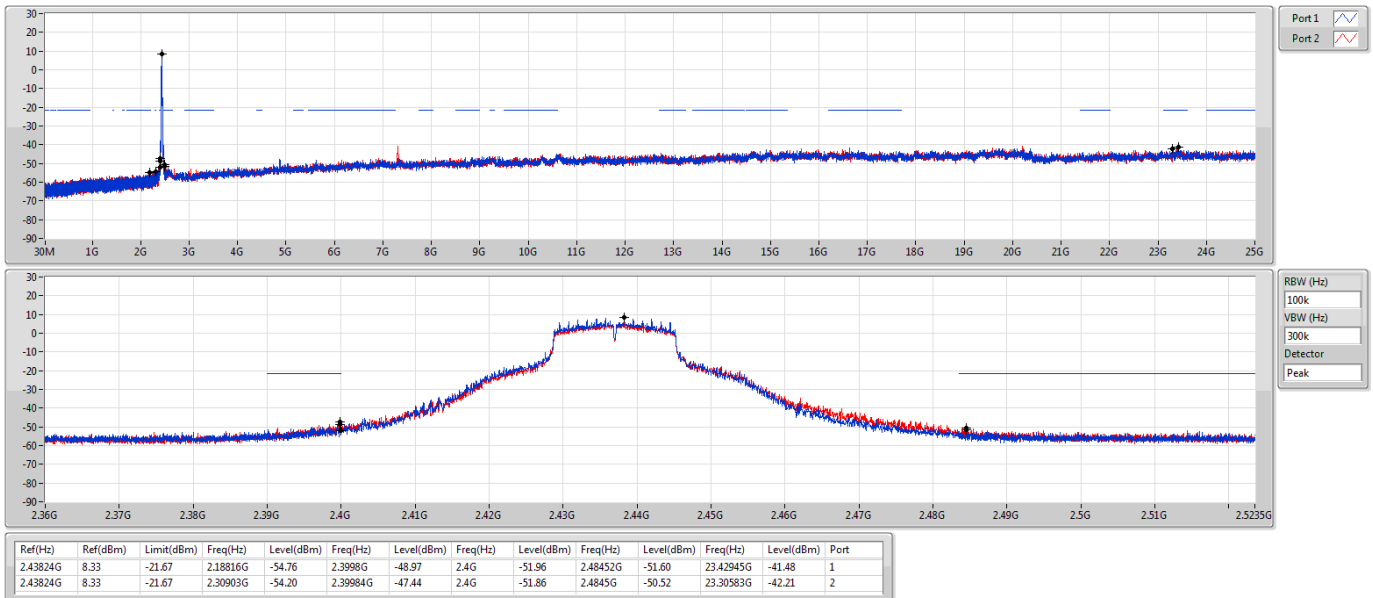


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

09/08/2020



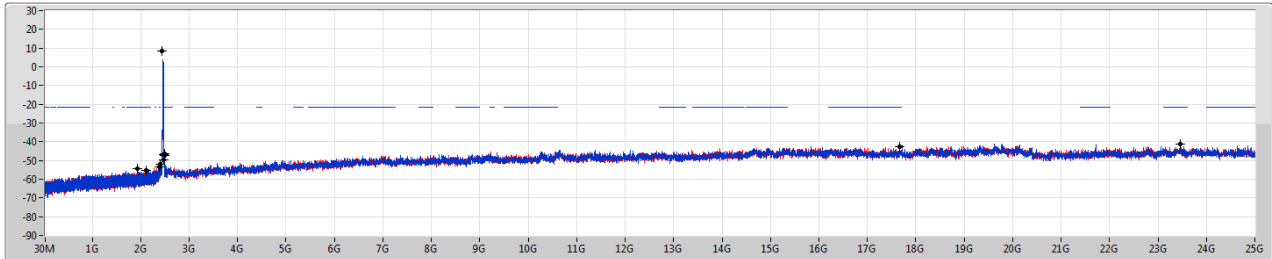
802.11g_Nss1,(6Mbps)_2TX

2462MHz

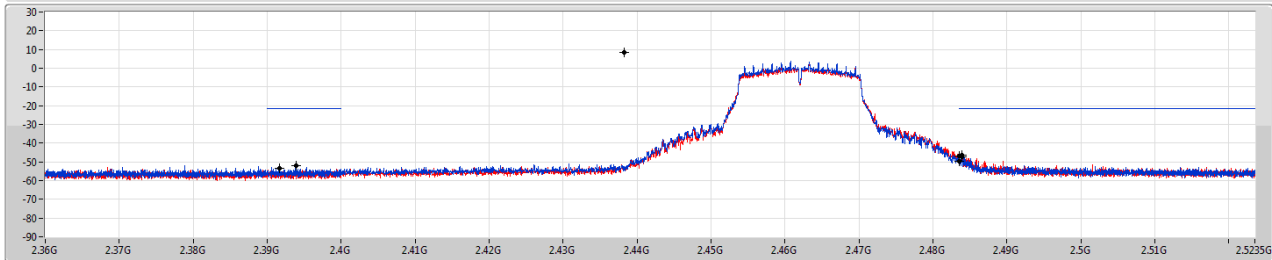
CSENdB

09/08/2020

Port 1
Port 2



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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	8.33	-21.67	1.93419G	-54.55	2.39386G	-52.10	2.4835G	-47.00	2.48388G	-46.62	23.46317G	-41.32	1
2.43824G	8.33	-21.67	2.1136G	-55.53	2.39162G	-53.24	2.4835G	-49.62	2.48386G	-47.38	17.66985G	-42.48	2

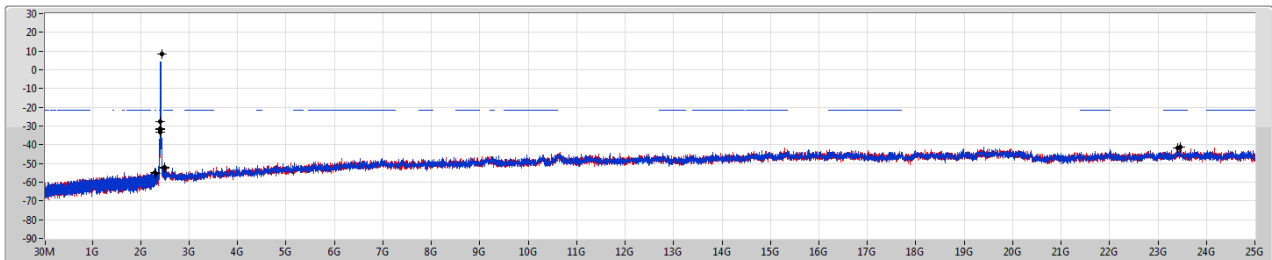
802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

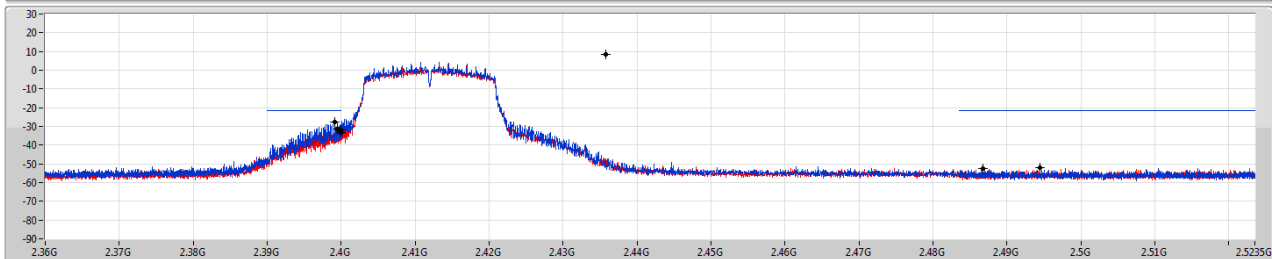
CSENdB

09/08/2020

Port 1
Port 2



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



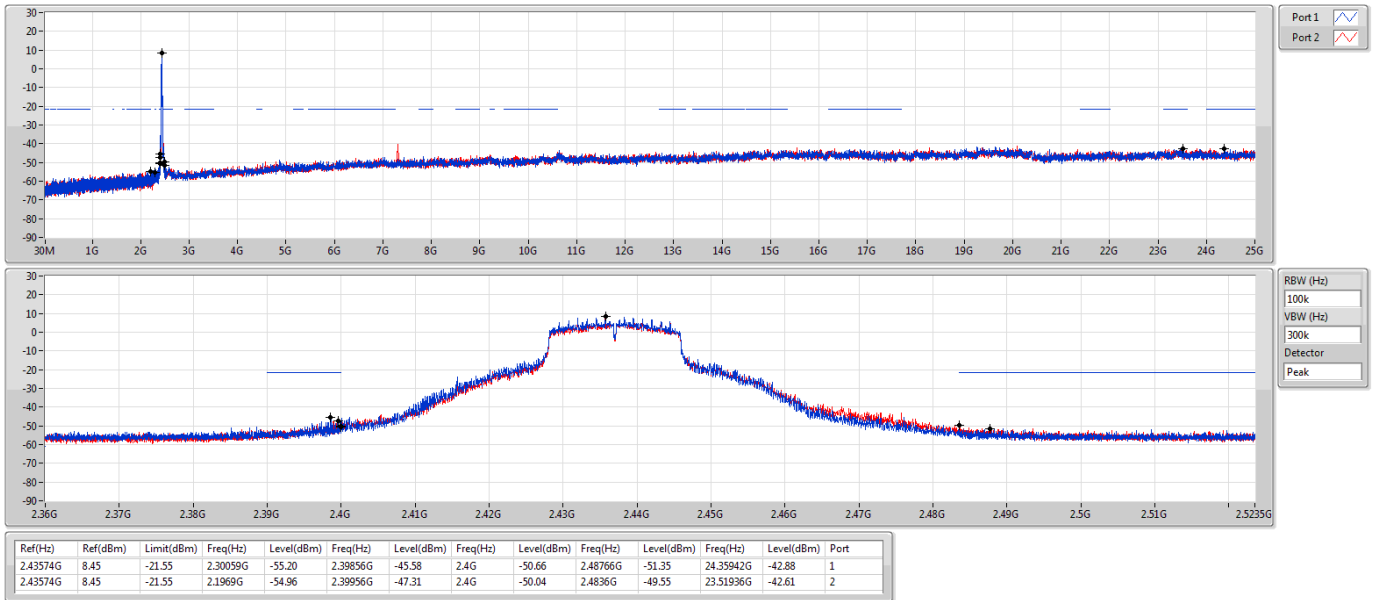
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	8.45	-21.55	2.30029G	-54.78	2.39918G	-27.72	2.4G	-31.99	2.48676G	-52.37	23.40417G	-41.91	1
2.43574G	8.45	-21.55	2.30583G	-55.10	2.3995G	-31.42	2.4G	-33.48	2.49448G	-52.20	23.46596G	-41.02	2

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

09/08/2020

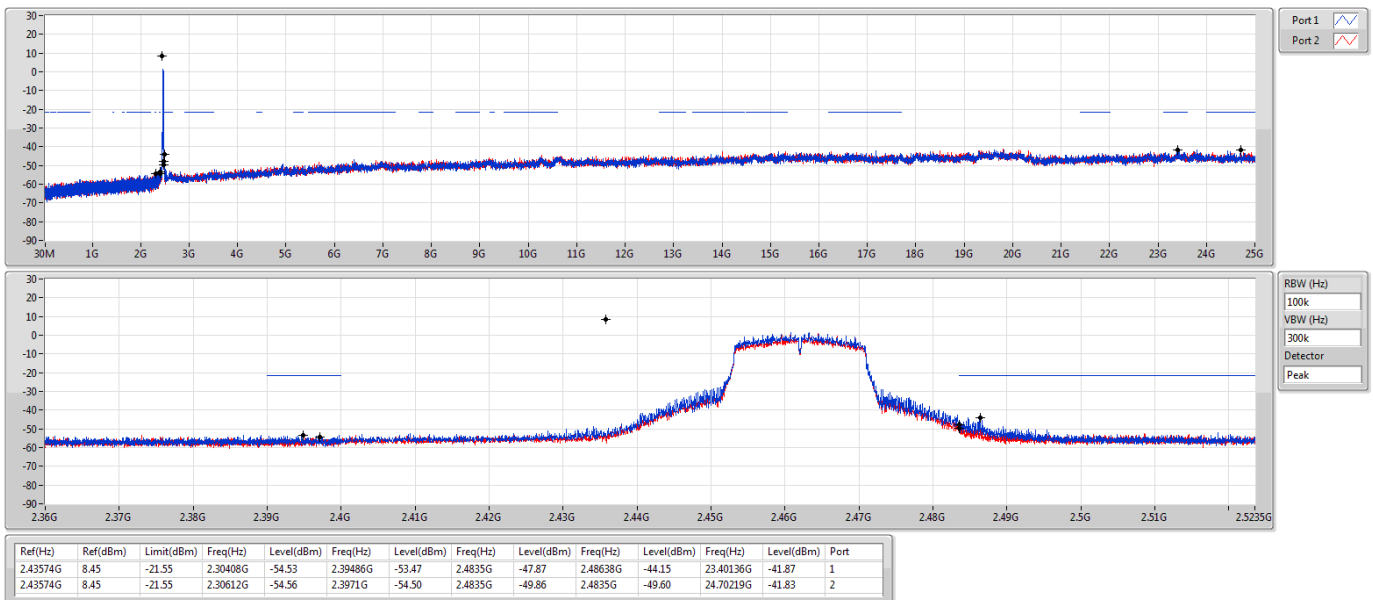


802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

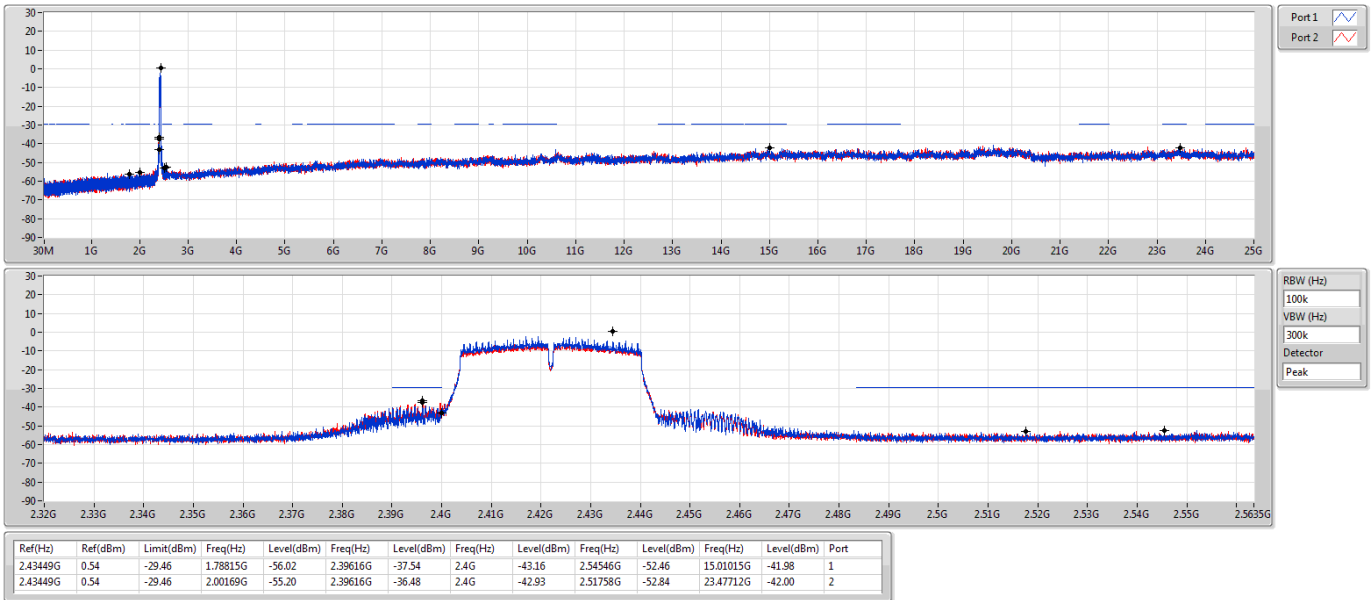
09/08/2020



802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

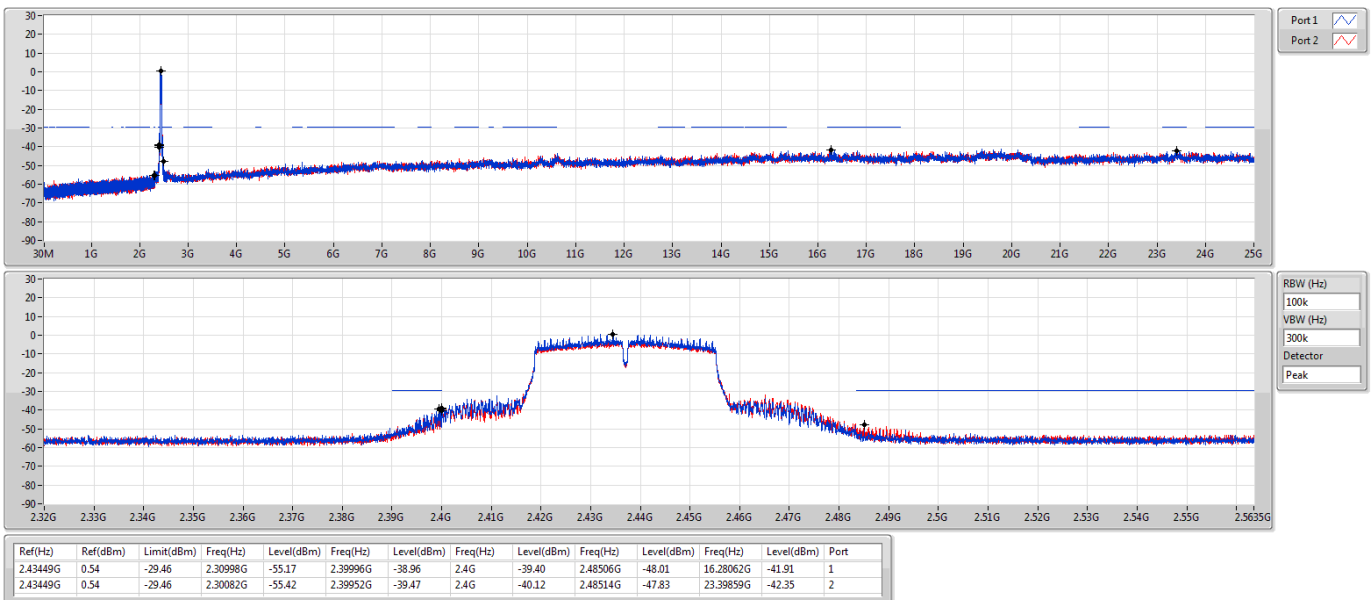
CSENdB



802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

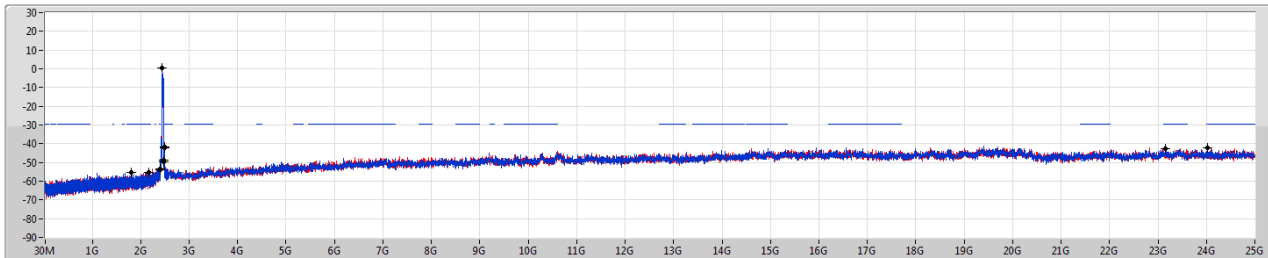
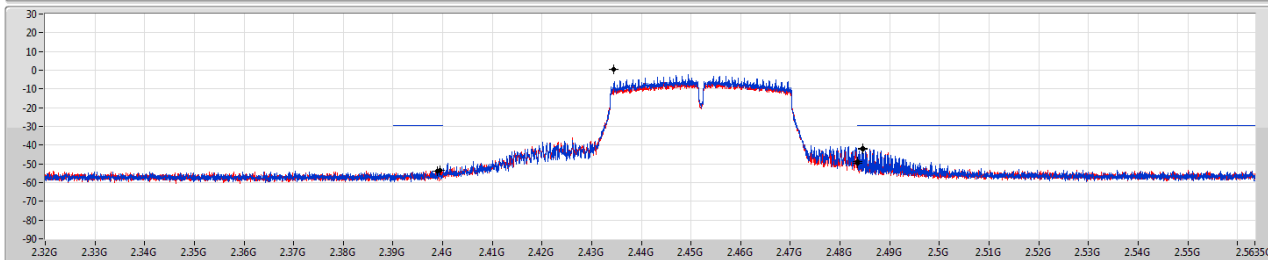


802.11n HT40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

09/08/2020

Port 1
Port 2RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	0.54	-29.46	1.80017G	-55.34	2.39892G	-53.73	2.4835G	-49.87	2.48458G	-41.78	24.02401G	-42.07	1
2.43449G	0.54	-29.46	2.16342G	-55.45	2.39944G	-53.32	2.4835G	-48.77	2.48462G	-42.23	23.14899G	-42.48	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	144.46M	42.27	43.50	-1.23	3	Horizontal	165	2.46	-

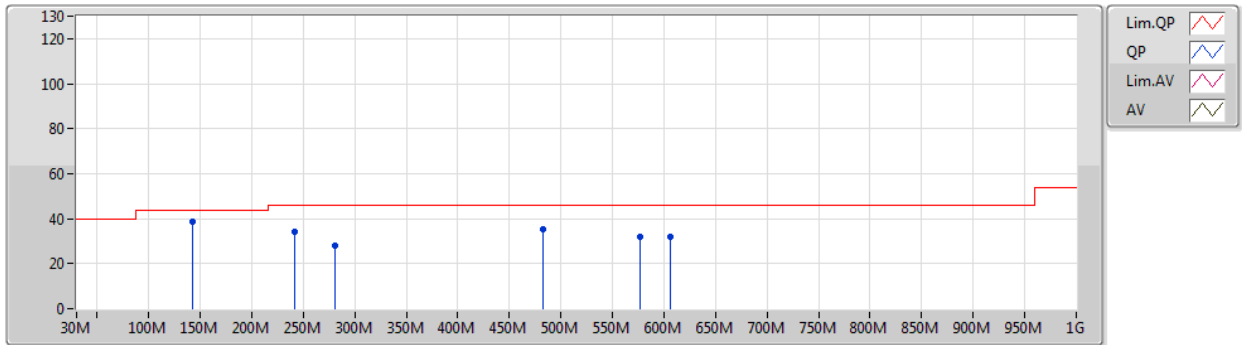
Result

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	142.52M	38.64	43.50	-4.86	3	Vertical	360	1.00	-
2437MHz	Pass	PK	241.46M	34.34	46.00	-11.66	3	Vertical	360	1.00	-
2437MHz	Pass	PK	280.26M	27.77	46.00	-18.23	3	Vertical	360	1.00	-
2437MHz	Pass	PK	482.02M	35.55	46.00	-10.45	3	Vertical	360	1.00	-
2437MHz	Pass	PK	577.08M	31.89	46.00	-14.11	3	Vertical	360	1.00	-
2437MHz	Pass	PK	606.18M	32.18	46.00	-13.82	3	Vertical	360	1.00	-
2437MHz	Pass	PK	105.66M	34.65	43.50	-8.85	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	249.22M	40.00	46.00	-6.00	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	336.52M	34.86	46.00	-11.14	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	441.28M	35.46	46.00	-10.54	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	144.46M	42.27	43.50	-1.23	3	Horizontal	165	2.46	-
2437MHz	Pass	QP	480.08M	37.24	46.00	-8.76	3	Horizontal	0	1.75	-

802.11n HT40_Nss1,(MCS0)_2TX

02/09/2020

2437MHz_Test Fixture

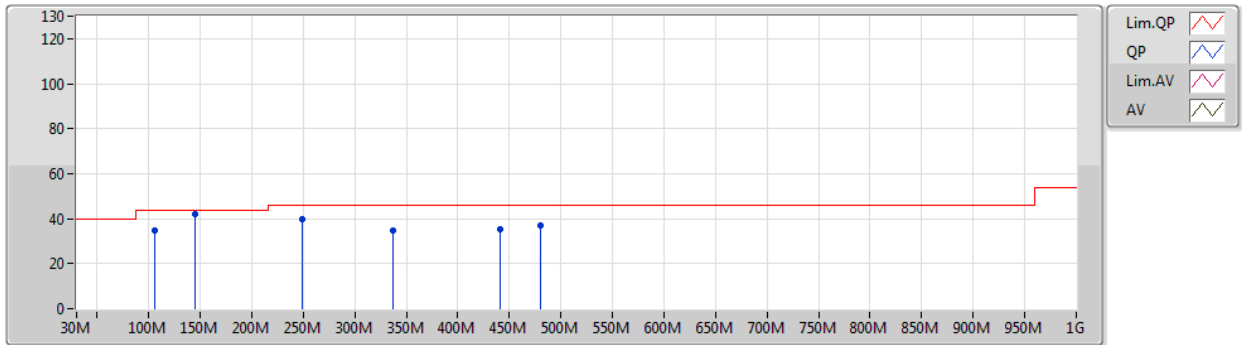


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	142.52M	38.64	43.50	-4.86	-9.42	3	Vertical	360	1.00	-	48.06	15.89	1.91	27.22
PK	241.46M	34.34	46.00	-11.66	-7.63	3	Vertical	360	1.00	-	41.97	16.57	2.55	26.75
PK	280.26M	27.77	46.00	-18.23	-5.86	3	Vertical	360	1.00	-	33.63	18.03	2.78	26.67
PK	482.02M	35.55	46.00	-10.45	-1.69	3	Vertical	360	1.00	-	37.24	22.47	3.59	27.75
PK	577.08M	31.89	46.00	-14.11	-0.38	3	Vertical	360	1.00	-	32.27	23.62	4.01	28.01
PK	606.18M	32.18	46.00	-13.82	-0.27	3	Vertical	360	1.00	-	32.45	23.63	4.12	28.02

802.11n HT40_Nss1,(MCS0)_2TX

02/09/2020

2437MHz_Test Fixture



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	105.66M	34.65	43.50	-8.85	-9.12	3	Horizontal	0	1.00	-	43.77	16.58	1.66	27.36
PK	249.22M	40.00	46.00	-6.00	-6.58	3	Horizontal	0	1.00	-	46.58	17.53	2.60	26.71
PK	336.52M	34.86	46.00	-11.14	-4.79	3	Horizontal	0	1.00	-	39.65	19.02	3.05	26.86
PK	441.28M	35.46	46.00	-10.54	-2.34	3	Horizontal	0	1.00	-	37.80	21.89	3.38	27.61
QP	144.46M	42.27	43.50	-1.23	-9.56	3	Horizontal	165	2.46	-	51.83	15.73	1.92	27.21
QP	480.08M	37.24	46.00	-8.76	-1.72	3	Horizontal	0	1.75	-	38.96	22.45	3.58	27.75

**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	7.38676G	52.61	54.00	-1.39	3	Horizontal	64	1.22	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	7.31142G	53.93	54.00	-0.07	3	Horizontal	76	1.33	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.90	54.00	-0.10	3	Horizontal	55	1.73	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3892G	53.89	54.00	-0.11	3	Horizontal	312	1.79	-

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	2.387G	47.56	54.00	-6.44	3	Vertical	133	1.50	-
2412MHz	Pass	AV	2.4128G	98.71	Inf	-Inf	3	Vertical	133	1.50	-
2412MHz	Pass	PK	2.3776G	59.73	74.00	-14.27	3	Vertical	133	1.50	-
2412MHz	Pass	PK	2.4128G	101.27	Inf	-Inf	3	Vertical	133	1.50	-
2412MHz	Pass	AV	2.3862G	47.84	54.00	-6.16	3	Horizontal	152	2.74	-
2412MHz	Pass	AV	2.4128G	105.51	Inf	-Inf	3	Horizontal	152	2.74	-
2412MHz	Pass	PK	2.3656G	60.25	74.00	-13.75	3	Horizontal	152	2.74	-
2412MHz	Pass	PK	2.4128G	107.93	Inf	-Inf	3	Horizontal	152	2.74	-
2412MHz	Pass	AV	4.82396G	45.80	54.00	-8.20	3	Vertical	55	1.29	-
2412MHz	Pass	PK	4.82392G	51.48	74.00	-22.52	3	Vertical	55	1.29	-
2412MHz	Pass	AV	4.82399G	51.38	54.00	-2.62	3	Horizontal	334	1.56	-
2412MHz	Pass	PK	4.82398G	55.24	74.00	-18.76	3	Horizontal	334	1.56	-
2437MHz	Pass	AV	2.337G	47.40	54.00	-6.60	3	Vertical	132	1.69	-
2437MHz	Pass	AV	2.4378G	98.50	Inf	-Inf	3	Vertical	132	1.69	-
2437MHz	Pass	AV	2.4858G	47.89	54.00	-6.11	3	Vertical	132	1.69	-
2437MHz	Pass	PK	2.3402G	59.88	74.00	-14.12	3	Vertical	132	1.69	-
2437MHz	Pass	PK	2.4378G	100.99	Inf	-Inf	3	Vertical	132	1.69	-
2437MHz	Pass	PK	2.4974G	60.11	74.00	-13.89	3	Vertical	132	1.69	-
2437MHz	Pass	AV	2.337G	47.40	54.00	-6.60	3	Horizontal	163	1.99	-
2437MHz	Pass	AV	2.4378G	106.22	Inf	-Inf	3	Horizontal	163	1.99	-
2437MHz	Pass	AV	2.4854G	47.89	54.00	-6.11	3	Horizontal	163	1.99	-
2437MHz	Pass	PK	2.3554G	59.87	74.00	-14.13	3	Horizontal	163	1.99	-
2437MHz	Pass	PK	2.4378G	108.67	Inf	-Inf	3	Horizontal	163	1.99	-
2437MHz	Pass	PK	2.495G	60.39	74.00	-13.61	3	Horizontal	163	1.99	-
2437MHz	Pass	AV	4.87396G	46.84	54.00	-7.16	3	Vertical	112	1.48	-
2437MHz	Pass	AV	7.31174G	46.11	54.00	-7.89	3	Vertical	156	1.51	-
2437MHz	Pass	PK	4.87394G	52.00	74.00	-22.00	3	Vertical	112	1.48	-
2437MHz	Pass	PK	7.3128G	54.67	74.00	-19.33	3	Vertical	156	1.51	-
2437MHz	Pass	AV	4.87396G	39.54	54.00	-14.46	3	Horizontal	190	1.54	-
2437MHz	Pass	AV	7.31176G	51.89	54.00	-2.11	3	Horizontal	71	1.40	-
2437MHz	Pass	PK	4.87374G	48.16	74.00	-25.84	3	Horizontal	190	1.54	-
2437MHz	Pass	PK	7.31202G	57.94	74.00	-16.06	3	Horizontal	71	1.40	-
2462MHz	Pass	AV	2.4628G	99.78	Inf	-Inf	3	Vertical	133	1.47	-
2462MHz	Pass	AV	2.487G	48.18	54.00	-5.82	3	Vertical	133	1.47	-
2462MHz	Pass	PK	2.4628G	102.25	Inf	-Inf	3	Vertical	133	1.47	-
2462MHz	Pass	PK	2.498G	60.60	74.00	-13.40	3	Vertical	133	1.47	-
2462MHz	Pass	AV	2.4638G	108.31	Inf	-Inf	3	Horizontal	72	1.95	-
2462MHz	Pass	AV	2.4835G	51.50	54.00	-2.50	3	Horizontal	72	1.95	-
2462MHz	Pass	PK	2.4648G	110.71	Inf	-Inf	3	Horizontal	72	1.95	-
2462MHz	Pass	PK	2.488G	61.33	74.00	-12.67	3	Horizontal	72	1.95	-
2462MHz	Pass	AV	4.92398G	47.71	54.00	-6.29	3	Vertical	81	1.52	-
2462MHz	Pass	AV	7.38674G	48.21	54.00	-5.79	3	Vertical	95	2.01	-
2462MHz	Pass	PK	4.92398G	52.20	74.00	-21.80	3	Vertical	81	1.52	-
2462MHz	Pass	PK	7.38752G	55.53	74.00	-18.47	3	Vertical	95	2.01	-
2462MHz	Pass	AV	4.92398G	46.45	54.00	-7.55	3	Horizontal	189	1.50	-
2462MHz	Pass	AV	7.38676G	52.61	54.00	-1.39	3	Horizontal	64	1.22	-
2462MHz	Pass	PK	4.92414G	52.22	74.00	-21.78	3	Horizontal	189	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.38536G	58.47	74.00	-15.53	3	Horizontal	64	1.22	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	48.93	54.00	-5.07	3	Vertical	134	1.51	-
2412MHz	Pass	AV	2.4138G	94.09	Inf	-Inf	3	Vertical	134	1.51	-
2412MHz	Pass	PK	2.3874G	60.85	74.00	-13.15	3	Vertical	134	1.51	-
2412MHz	Pass	PK	2.4132G	102.25	Inf	-Inf	3	Vertical	134	1.51	-
2412MHz	Pass	AV	2.39G	53.89	54.00	-0.11	3	Horizontal	335	1.50	-
2412MHz	Pass	AV	2.413G	103.42	Inf	-Inf	3	Horizontal	335	1.50	-
2412MHz	Pass	PK	2.3892G	68.26	74.00	-5.74	3	Horizontal	335	1.50	-
2412MHz	Pass	PK	2.4132G	111.36	Inf	-Inf	3	Horizontal	335	1.50	-
2412MHz	Pass	AV	4.82394G	37.50	54.00	-16.50	3	Vertical	230	1.53	-
2412MHz	Pass	PK	4.82334G	49.60	74.00	-24.40	3	Vertical	230	1.53	-
2412MHz	Pass	AV	4.8237G	39.79	54.00	-14.21	3	Horizontal	336	1.56	-
2412MHz	Pass	PK	4.824G	51.98	74.00	-22.02	3	Horizontal	336	1.56	-
2417MHz	Pass	AV	2.3872G	48.39	54.00	-5.61	3	Vertical	134	1.50	-
2417MHz	Pass	AV	2.4162G	95.57	Inf	-Inf	3	Vertical	134	1.50	-
2417MHz	Pass	PK	2.3876G	60.46	74.00	-13.54	3	Vertical	134	1.50	-
2417MHz	Pass	PK	2.4162G	103.78	Inf	-Inf	3	Vertical	134	1.50	-
2417MHz	Pass	AV	2.39G	53.61	54.00	-0.39	3	Horizontal	314	1.80	-
2417MHz	Pass	AV	2.4158G	104.67	Inf	-Inf	3	Horizontal	314	1.80	-
2417MHz	Pass	PK	2.3898G	69.44	74.00	-4.56	3	Horizontal	314	1.80	-
2417MHz	Pass	PK	2.4156G	112.88	Inf	-Inf	3	Horizontal	314	1.80	-
2437MHz	Pass	AV	2.3874G	48.13	54.00	-5.87	3	Vertical	155	1.18	-
2437MHz	Pass	AV	2.4382G	97.37	Inf	-Inf	3	Vertical	155	1.18	-
2437MHz	Pass	AV	2.4854G	48.74	54.00	-5.26	3	Vertical	155	1.18	-
2437MHz	Pass	PK	2.3382G	59.84	74.00	-14.16	3	Vertical	155	1.18	-
2437MHz	Pass	PK	2.4382G	105.64	Inf	-Inf	3	Vertical	155	1.18	-
2437MHz	Pass	PK	2.4914G	59.74	74.00	-14.26	3	Vertical	155	1.18	-
2437MHz	Pass	AV	2.3898G	48.42	54.00	-5.58	3	Horizontal	68	1.92	-
2437MHz	Pass	AV	2.4382G	106.31	Inf	-Inf	3	Horizontal	68	1.92	-
2437MHz	Pass	AV	2.4842G	50.45	54.00	-3.55	3	Horizontal	68	1.92	-
2437MHz	Pass	PK	2.3846G	61.11	74.00	-12.89	3	Horizontal	68	1.92	-
2437MHz	Pass	PK	2.4382G	114.60	Inf	-Inf	3	Horizontal	68	1.92	-
2437MHz	Pass	PK	2.4842G	63.30	74.00	-10.70	3	Horizontal	68	1.92	-
2437MHz	Pass	AV	4.8722G	45.37	54.00	-8.63	3	Vertical	221	1.54	-
2437MHz	Pass	AV	7.31298G	52.59	54.00	-1.41	3	Vertical	213	2.70	-
2437MHz	Pass	PK	4.87226G	57.44	74.00	-16.56	3	Vertical	221	1.54	-
2437MHz	Pass	PK	7.30848G	65.24	74.00	-8.76	3	Vertical	213	2.70	-
2437MHz	Pass	AV	4.87208G	48.06	54.00	-5.94	3	Horizontal	181	1.62	-
2437MHz	Pass	AV	7.31142G	53.93	54.00	-0.07	3	Horizontal	76	1.33	-
2437MHz	Pass	PK	4.87232G	60.10	74.00	-13.90	3	Horizontal	181	1.62	-
2437MHz	Pass	PK	7.31052G	67.39	74.00	-6.61	3	Horizontal	76	1.33	-
2457MHz	Pass	AV	2.459G	94.95	Inf	-Inf	3	Vertical	145	1.51	-
2457MHz	Pass	AV	2.4848G	49.51	54.00	-4.49	3	Vertical	145	1.51	-
2457MHz	Pass	PK	2.4588G	102.76	Inf	-Inf	3	Vertical	145	1.51	-
2457MHz	Pass	PK	2.4848G	62.17	74.00	-11.83	3	Vertical	145	1.51	-
2457MHz	Pass	AV	2.4584G	105.09	Inf	-Inf	3	Horizontal	68	1.86	-
2457MHz	Pass	AV	2.4842G	53.75	54.00	-0.25	3	Horizontal	68	1.86	-
2457MHz	Pass	PK	2.4582G	113.56	Inf	-Inf	3	Horizontal	68	1.86	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4844G	69.81	74.00	-4.19	3	Horizontal	68	1.86	-
2462MHz	Pass	AV	2.4596G	94.72	Inf	-Inf	3	Vertical	247	1.27	-
2462MHz	Pass	AV	2.484G	49.26	54.00	-4.74	3	Vertical	247	1.27	-
2462MHz	Pass	PK	2.4598G	103.06	Inf	-Inf	3	Vertical	247	1.27	-
2462MHz	Pass	PK	2.4846G	62.34	74.00	-11.66	3	Vertical	247	1.27	-
2462MHz	Pass	AV	2.4612G	103.75	Inf	-Inf	3	Horizontal	72	1.91	-
2462MHz	Pass	AV	2.4835G	53.90	54.00	-0.10	3	Horizontal	72	1.91	-
2462MHz	Pass	PK	2.4614G	111.84	Inf	-Inf	3	Horizontal	72	1.91	-
2462MHz	Pass	PK	2.486G	68.54	74.00	-5.46	3	Horizontal	72	1.91	-
2462MHz	Pass	AV	4.92376G	38.10	54.00	-15.90	3	Vertical	220	1.50	-
2462MHz	Pass	AV	7.3881G	41.02	54.00	-12.98	3	Vertical	70	3.00	-
2462MHz	Pass	PK	4.92334G	49.74	74.00	-24.26	3	Vertical	220	1.50	-
2462MHz	Pass	PK	7.38864G	56.19	74.00	-17.81	3	Vertical	70	3.00	-
2462MHz	Pass	AV	4.92346G	40.73	54.00	-13.27	3	Horizontal	17	1.49	-
2462MHz	Pass	AV	7.3863G	43.77	54.00	-10.23	3	Horizontal	78	1.28	-
2462MHz	Pass	PK	4.92286G	53.15	74.00	-20.85	3	Horizontal	17	1.49	-
2462MHz	Pass	PK	7.37682G	61.43	74.00	-12.57	3	Horizontal	78	1.28	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3886G	48.40	54.00	-5.60	3	Vertical	133	1.50	-
2412MHz	Pass	AV	2.4144G	91.66	Inf	-Inf	3	Vertical	133	1.50	-
2412MHz	Pass	PK	2.3884G	60.00	74.00	-14.00	3	Vertical	133	1.50	-
2412MHz	Pass	PK	2.414G	99.76	Inf	-Inf	3	Vertical	133	1.50	-
2412MHz	Pass	AV	2.39G	53.16	54.00	-0.84	3	Horizontal	315	1.80	-
2412MHz	Pass	AV	2.4112G	100.76	Inf	-Inf	3	Horizontal	315	1.80	-
2412MHz	Pass	PK	2.3884G	68.80	74.00	-5.20	3	Horizontal	315	1.80	-
2412MHz	Pass	PK	2.414G	109.37	Inf	-Inf	3	Horizontal	315	1.80	-
2412MHz	Pass	AV	4.824G	36.40	54.00	-17.60	3	Vertical	93	1.48	-
2412MHz	Pass	PK	4.8192G	48.88	74.00	-25.12	3	Vertical	93	1.48	-
2412MHz	Pass	AV	4.82352G	38.39	54.00	-15.61	3	Horizontal	17	1.44	-
2412MHz	Pass	PK	4.82862G	50.89	74.00	-23.11	3	Horizontal	17	1.44	-
2417MHz	Pass	AV	2.3898G	48.15	54.00	-5.85	3	Vertical	132	1.72	-
2417MHz	Pass	AV	2.4192G	94.05	Inf	-Inf	3	Vertical	132	1.72	-
2417MHz	Pass	PK	2.3868G	60.46	74.00	-13.54	3	Vertical	132	1.72	-
2417MHz	Pass	PK	2.419G	102.43	Inf	-Inf	3	Vertical	132	1.72	-
2417MHz	Pass	AV	2.3892G	53.15	54.00	-0.85	3	Horizontal	315	1.41	-
2417MHz	Pass	AV	2.4186G	103.38	Inf	-Inf	3	Horizontal	315	1.41	-
2417MHz	Pass	PK	2.3894G	68.24	74.00	-5.76	3	Horizontal	315	1.41	-
2417MHz	Pass	PK	2.4164G	112.12	Inf	-Inf	3	Horizontal	315	1.41	-
2437MHz	Pass	AV	2.3786G	48.07	54.00	-5.93	3	Vertical	126	1.47	-
2437MHz	Pass	AV	2.4358G	90.56	Inf	-Inf	3	Vertical	126	1.47	-
2437MHz	Pass	AV	2.497G	48.74	54.00	-5.26	3	Vertical	126	1.47	-
2437MHz	Pass	PK	2.3682G	59.91	74.00	-14.09	3	Vertical	126	1.47	-
2437MHz	Pass	PK	2.4362G	98.61	Inf	-Inf	3	Vertical	126	1.47	-
2437MHz	Pass	PK	2.4922G	60.18	74.00	-13.82	3	Vertical	126	1.47	-
2437MHz	Pass	AV	2.389G	48.41	54.00	-5.59	3	Horizontal	69	1.93	-
2437MHz	Pass	AV	2.4378G	105.60	Inf	-Inf	3	Horizontal	69	1.93	-
2437MHz	Pass	AV	2.4835G	51.09	54.00	-2.91	3	Horizontal	69	1.93	-
2437MHz	Pass	PK	2.389G	61.11	74.00	-12.89	3	Horizontal	69	1.93	-
2437MHz	Pass	PK	2.4378G	113.28	Inf	-Inf	3	Horizontal	69	1.93	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4838G	66.55	74.00	-7.45	3	Horizontal	69	1.93	-
2437MHz	Pass	AV	4.87388G	42.04	54.00	-11.96	3	Vertical	90	1.56	-
2437MHz	Pass	AV	7.31328G	48.49	54.00	-5.51	3	Vertical	213	2.70	-
2437MHz	Pass	PK	4.871G	54.69	74.00	-19.31	3	Vertical	90	1.56	-
2437MHz	Pass	PK	7.31592G	63.10	74.00	-10.90	3	Vertical	213	2.70	-
2437MHz	Pass	AV	4.87562G	44.26	54.00	-9.74	3	Horizontal	22	1.64	-
2437MHz	Pass	AV	7.31094G	53.13	54.00	-0.87	3	Horizontal	77	2.65	-
2437MHz	Pass	PK	4.8728G	56.83	74.00	-17.17	3	Horizontal	22	1.64	-
2437MHz	Pass	PK	7.31634G	68.32	74.00	-5.68	3	Horizontal	77	2.65	-
2457MHz	Pass	AV	2.458G	94.24	Inf	-Inf	3	Vertical	132	1.64	-
2457MHz	Pass	AV	2.4858G	49.27	54.00	-4.73	3	Vertical	132	1.64	-
2457MHz	Pass	PK	2.4574G	102.19	Inf	-Inf	3	Vertical	132	1.64	-
2457MHz	Pass	PK	2.4835G	64.21	74.00	-9.79	3	Vertical	132	1.64	-
2457MHz	Pass	AV	2.4576G	104.17	Inf	-Inf	3	Horizontal	64	1.87	-
2457MHz	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Horizontal	64	1.87	-
2457MHz	Pass	PK	2.4576G	112.00	Inf	-Inf	3	Horizontal	64	1.87	-
2457MHz	Pass	PK	2.4835G	71.96	74.00	-2.04	3	Horizontal	64	1.87	-
2462MHz	Pass	AV	2.4594G	92.33	Inf	-Inf	3	Vertical	248	1.28	-
2462MHz	Pass	AV	2.4842G	48.73	54.00	-5.27	3	Vertical	248	1.28	-
2462MHz	Pass	PK	2.4594G	100.65	Inf	-Inf	3	Vertical	248	1.28	-
2462MHz	Pass	PK	2.4946G	60.46	74.00	-13.54	3	Vertical	248	1.28	-
2462MHz	Pass	AV	2.4626G	101.16	Inf	-Inf	3	Horizontal	55	1.73	-
2462MHz	Pass	AV	2.4835G	53.90	54.00	-0.10	3	Horizontal	55	1.73	-
2462MHz	Pass	PK	2.4626G	109.30	Inf	-Inf	3	Horizontal	55	1.73	-
2462MHz	Pass	PK	2.4835G	69.27	74.00	-4.73	3	Horizontal	55	1.73	-
2462MHz	Pass	AV	4.92382G	39.07	54.00	-14.93	3	Vertical	220	1.53	-
2462MHz	Pass	AV	7.3863G	39.55	54.00	-14.45	3	Vertical	82	1.60	-
2462MHz	Pass	PK	4.92088G	50.96	74.00	-23.04	3	Vertical	220	1.53	-
2462MHz	Pass	PK	7.3836G	51.73	74.00	-22.27	3	Vertical	82	1.60	-
2462MHz	Pass	AV	4.92358G	41.58	54.00	-12.42	3	Horizontal	18	1.59	-
2462MHz	Pass	AV	7.38594G	40.86	54.00	-13.14	3	Horizontal	55	2.31	-
2462MHz	Pass	PK	4.92088G	54.14	74.00	-19.86	3	Horizontal	18	1.59	-
2462MHz	Pass	PK	7.38318G	53.60	74.00	-20.40	3	Horizontal	55	2.31	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	49.64	54.00	-4.36	3	Vertical	133	1.48	-
2422MHz	Pass	AV	2.4204G	84.94	Inf	-Inf	3	Vertical	133	1.48	-
2422MHz	Pass	AV	2.4856G	49.27	54.00	-4.73	3	Vertical	133	1.48	-
2422MHz	Pass	PK	2.39G	62.41	74.00	-11.59	3	Vertical	133	1.48	-
2422MHz	Pass	PK	2.4204G	92.19	Inf	-Inf	3	Vertical	133	1.48	-
2422MHz	Pass	PK	2.4864G	59.74	74.00	-14.26	3	Vertical	133	1.48	-
2422MHz	Pass	AV	2.3892G	53.89	54.00	-0.11	3	Horizontal	312	1.79	-
2422MHz	Pass	AV	2.42G	93.87	Inf	-Inf	3	Horizontal	312	1.79	-
2422MHz	Pass	AV	2.5G	49.51	54.00	-4.49	3	Horizontal	312	1.79	-
2422MHz	Pass	PK	2.39G	71.69	74.00	-2.31	3	Horizontal	312	1.79	-
2422MHz	Pass	PK	2.42G	102.66	Inf	-Inf	3	Horizontal	312	1.79	-
2422MHz	Pass	PK	2.4868G	59.89	74.00	-14.11	3	Horizontal	312	1.79	-
2422MHz	Pass	AV	4.8509G	35.96	54.00	-18.04	3	Vertical	224	1.47	-
2422MHz	Pass	AV	7.2685G	40.27	54.00	-13.73	3	Vertical	56	1.50	-
2422MHz	Pass	PK	4.846G	47.11	74.00	-26.89	3	Vertical	224	1.47	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.2778G	51.70	74.00	-22.30	3	Vertical	56	1.50	-
2422MHz	Pass	AV	4.8432G	38.01	54.00	-15.99	3	Horizontal	179	1.63	-
2422MHz	Pass	AV	7.2592G	40.88	54.00	-13.12	3	Horizontal	81	1.30	-
2422MHz	Pass	PK	4.8434G	49.26	74.00	-24.74	3	Horizontal	179	1.63	-
2422MHz	Pass	PK	7.2664G	51.65	74.00	-22.35	3	Horizontal	81	1.30	-
2427MHz	Pass	AV	2.389G	49.16	54.00	-4.84	3	Vertical	134	1.49	-
2427MHz	Pass	AV	2.4294G	85.90	Inf	-Inf	3	Vertical	134	1.49	-
2427MHz	Pass	AV	2.4958G	49.27	54.00	-4.73	3	Vertical	134	1.49	-
2427MHz	Pass	PK	2.3854G	60.51	74.00	-13.49	3	Vertical	134	1.49	-
2427MHz	Pass	PK	2.429G	93.21	Inf	-Inf	3	Vertical	134	1.49	-
2427MHz	Pass	PK	2.491G	60.25	74.00	-13.75	3	Vertical	134	1.49	-
2427MHz	Pass	AV	2.3898G	53.46	54.00	-0.54	3	Horizontal	167	1.09	-
2427MHz	Pass	AV	2.4282G	95.24	Inf	-Inf	3	Horizontal	167	1.09	-
2427MHz	Pass	AV	2.4974G	49.52	54.00	-4.48	3	Horizontal	167	1.09	-
2427MHz	Pass	PK	2.3898G	68.54	74.00	-5.46	3	Horizontal	167	1.09	-
2427MHz	Pass	PK	2.4282G	103.16	Inf	-Inf	3	Horizontal	167	1.09	-
2427MHz	Pass	PK	2.4898G	60.25	74.00	-13.75	3	Horizontal	167	1.09	-
2437MHz	Pass	AV	2.3718G	48.84	54.00	-5.16	3	Vertical	134	1.47	-
2437MHz	Pass	AV	2.4354G	88.19	Inf	-Inf	3	Vertical	134	1.47	-
2437MHz	Pass	AV	2.4835G	49.51	54.00	-4.49	3	Vertical	134	1.47	-
2437MHz	Pass	PK	2.3642G	59.48	74.00	-14.52	3	Vertical	134	1.47	-
2437MHz	Pass	PK	2.4406G	95.96	Inf	-Inf	3	Vertical	134	1.47	-
2437MHz	Pass	PK	2.4838G	61.26	74.00	-12.74	3	Vertical	134	1.47	-
2437MHz	Pass	AV	2.3898G	50.51	54.00	-3.49	3	Horizontal	68	1.93	-
2437MHz	Pass	AV	2.4402G	97.90	Inf	-Inf	3	Horizontal	68	1.93	-
2437MHz	Pass	AV	2.4835G	52.61	54.00	-1.39	3	Horizontal	68	1.93	-
2437MHz	Pass	PK	2.3898G	61.76	74.00	-12.24	3	Horizontal	68	1.93	-
2437MHz	Pass	PK	2.4406G	105.91	Inf	-Inf	3	Horizontal	68	1.93	-
2437MHz	Pass	PK	2.4835G	66.92	74.00	-7.08	3	Horizontal	68	1.93	-
2437MHz	Pass	AV	4.8737G	36.77	54.00	-17.23	3	Vertical	220	1.50	-
2437MHz	Pass	AV	7.316G	40.48	54.00	-13.52	3	Vertical	346	1.65	-
2437MHz	Pass	PK	4.8737G	47.24	74.00	-26.76	3	Vertical	220	1.50	-
2437MHz	Pass	PK	7.3203G	51.41	74.00	-22.59	3	Vertical	346	1.65	-
2437MHz	Pass	AV	4.8735G	38.35	54.00	-15.65	3	Horizontal	21	1.71	-
2437MHz	Pass	AV	7.3319G	40.23	54.00	-13.77	3	Horizontal	36	2.21	-
2437MHz	Pass	PK	4.8738G	48.72	74.00	-25.28	3	Horizontal	21	1.71	-
2437MHz	Pass	PK	7.3094G	51.56	74.00	-22.44	3	Horizontal	36	2.21	-
2447MHz	Pass	AV	2.389G	48.67	54.00	-5.33	3	Vertical	100	1.22	-
2447MHz	Pass	AV	2.4506G	86.81	Inf	-Inf	3	Vertical	100	1.22	-
2447MHz	Pass	AV	2.4874G	49.52	54.00	-4.48	3	Vertical	100	1.22	-
2447MHz	Pass	PK	2.3638G	59.47	74.00	-14.53	3	Vertical	100	1.22	-
2447MHz	Pass	PK	2.445G	94.37	Inf	-Inf	3	Vertical	100	1.22	-
2447MHz	Pass	PK	2.4835G	62.56	74.00	-11.44	3	Vertical	100	1.22	-
2447MHz	Pass	AV	2.389G	49.16	54.00	-4.84	3	Horizontal	70	1.97	-
2447MHz	Pass	AV	2.4502G	96.00	Inf	-Inf	3	Horizontal	70	1.97	-
2447MHz	Pass	AV	2.4835G	53.59	54.00	-0.41	3	Horizontal	70	1.97	-
2447MHz	Pass	PK	2.3862G	59.91	74.00	-14.09	3	Horizontal	70	1.97	-
2447MHz	Pass	PK	2.4526G	103.82	Inf	-Inf	3	Horizontal	70	1.97	-
2447MHz	Pass	PK	2.4835G	72.25	74.00	-1.75	3	Horizontal	70	1.97	-

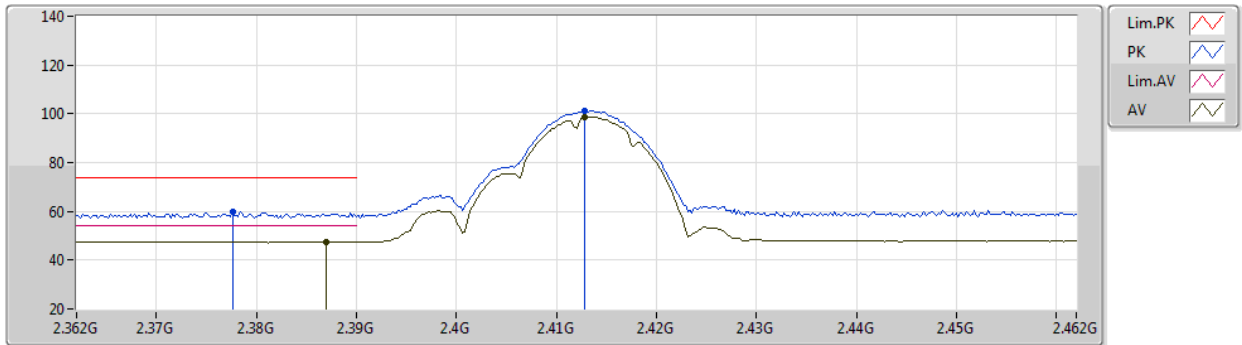


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.3532G	48.86	54.00	-5.14	3	Vertical	101	1.23	-
2452MHz	Pass	AV	2.4504G	86.61	Inf	-Inf	3	Vertical	101	1.23	-
2452MHz	Pass	AV	2.4835G	49.75	54.00	-4.25	3	Vertical	101	1.23	-
2452MHz	Pass	PK	2.3688G	59.92	74.00	-14.08	3	Vertical	101	1.23	-
2452MHz	Pass	PK	2.4504G	94.41	Inf	-Inf	3	Vertical	101	1.23	-
2452MHz	Pass	PK	2.4835G	64.52	74.00	-9.48	3	Vertical	101	1.23	-
2452MHz	Pass	AV	2.3892G	48.67	54.00	-5.33	3	Horizontal	71	1.98	-
2452MHz	Pass	AV	2.4552G	95.88	Inf	-Inf	3	Horizontal	71	1.98	-
2452MHz	Pass	AV	2.488G	53.60	54.00	-0.40	3	Horizontal	71	1.98	-
2452MHz	Pass	PK	2.3772G	60.22	74.00	-13.78	3	Horizontal	71	1.98	-
2452MHz	Pass	PK	2.4504G	103.85	Inf	-Inf	3	Horizontal	71	1.98	-
2452MHz	Pass	PK	2.4856G	72.86	74.00	-1.14	3	Horizontal	71	1.98	-
2452MHz	Pass	AV	4.9037G	36.99	54.00	-17.01	3	Vertical	220	1.49	-
2452MHz	Pass	AV	7.3413G	40.38	54.00	-13.62	3	Vertical	306	1.98	-
2452MHz	Pass	PK	4.893G	47.82	74.00	-26.18	3	Vertical	220	1.49	-
2452MHz	Pass	PK	7.3474G	51.47	74.00	-22.53	3	Vertical	306	1.98	-
2452MHz	Pass	AV	4.9037G	38.91	54.00	-15.09	3	Horizontal	209	1.60	-
2452MHz	Pass	AV	7.3566G	40.83	54.00	-13.17	3	Horizontal	186	1.59	-
2452MHz	Pass	PK	4.9044G	49.40	74.00	-24.60	3	Horizontal	209	1.60	-
2452MHz	Pass	PK	7.3444G	51.43	74.00	-22.57	3	Horizontal	186	1.59	-

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2412MHz_TX

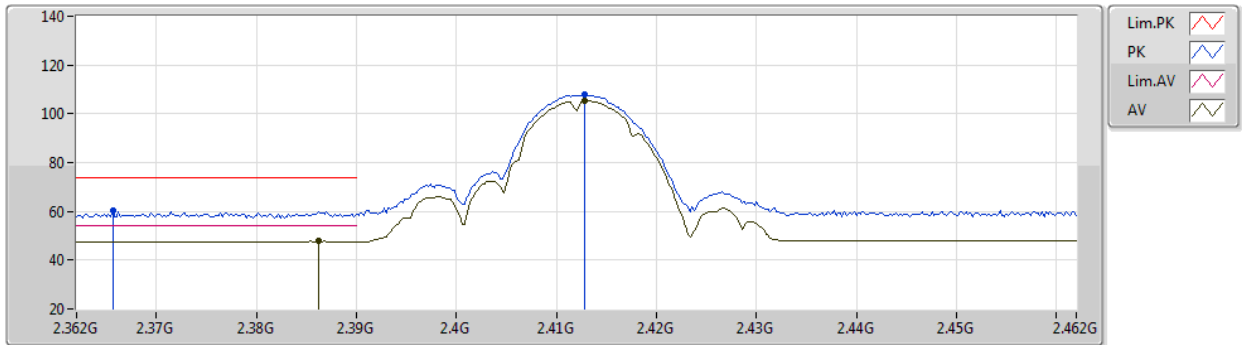


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	47.56	54.00	-6.44	31.92	3	Vertical	133	1.50	-	15.64	27.63	4.29	-
AV	2.4128G	98.71	Inf	-Inf	31.88	3	Vertical	133	1.50	-	66.83	27.57	4.31	-
PK	2.3776G	59.73	74.00	-14.27	31.92	3	Vertical	133	1.50	-	27.81	27.64	4.28	-
PK	2.4128G	101.27	Inf	-Inf	31.88	3	Vertical	133	1.50	-	69.39	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2412MHz_TX

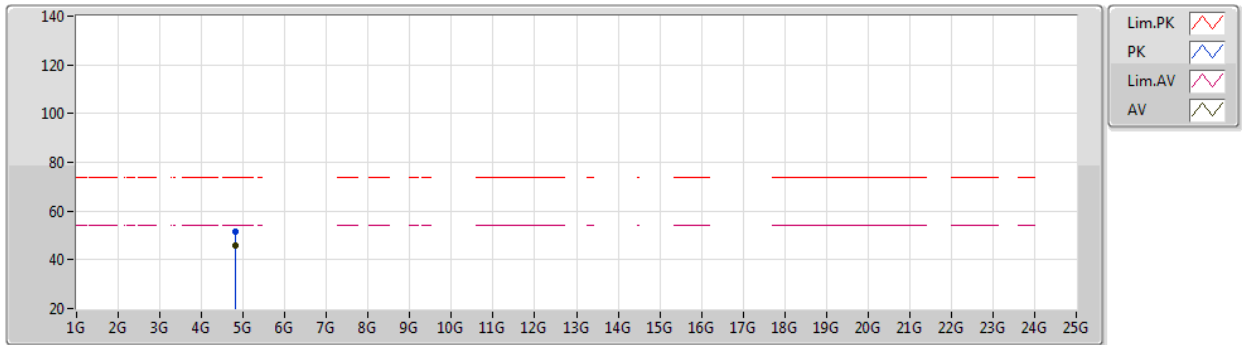


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	47.84	54.00	-6.16	31.92	3	Horizontal	152	2.74	-	15.92	27.63	4.29	-
AV	2.4128G	105.51	Inf	-Inf	31.88	3	Horizontal	152	2.74	-	73.63	27.57	4.31	-
PK	2.3656G	60.25	74.00	-13.75	31.94	3	Horizontal	152	2.74	-	28.31	27.67	4.27	-
PK	2.4128G	107.93	Inf	-Inf	31.88	3	Horizontal	152	2.74	-	76.05	27.57	4.31	-

802.11b_Nss1,(1Mbps)_2TX

06/08/2020

2412MHz_TX

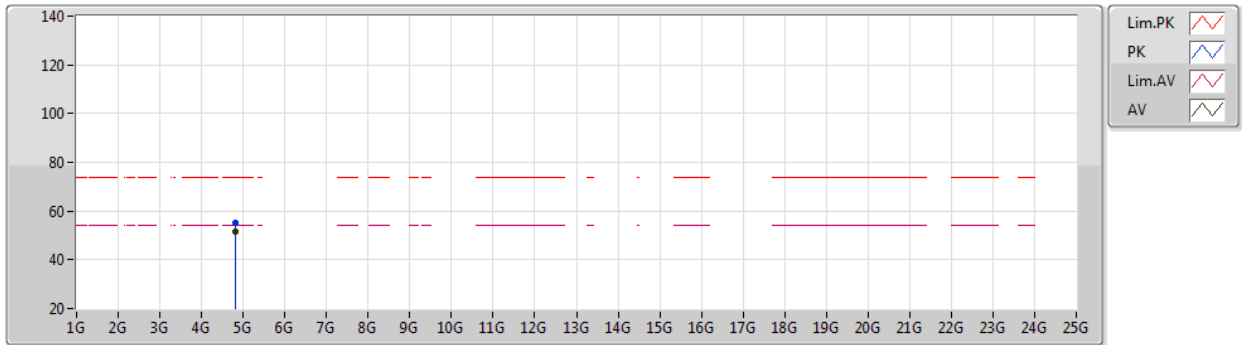


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82396G	45.80	54.00	-8.20	8.22	3	Vertical	55	1.29	-	37.58	31.10	6.52	29.40
PK	4.82392G	51.48	74.00	-22.52	8.22	3	Vertical	55	1.29	-	43.26	31.10	6.52	29.40

802.11b_Nss1,(1Mbps)_2TX

06/08/2020

2412MHz_TX

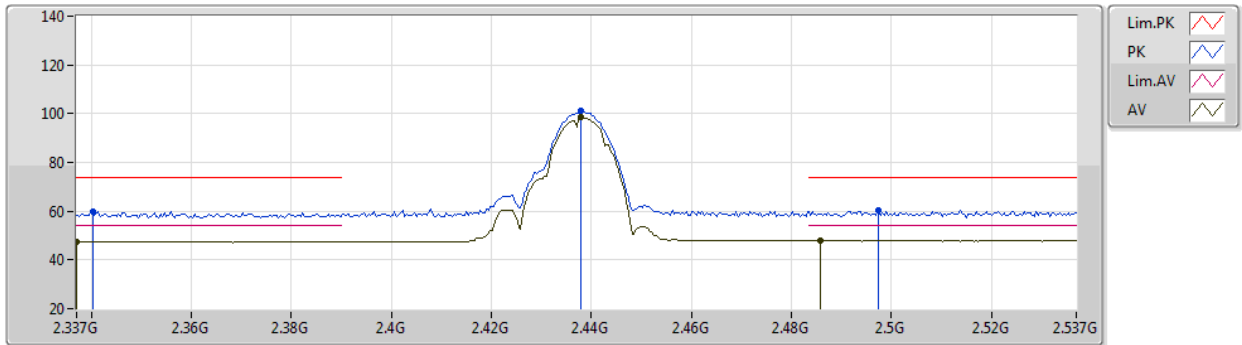


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82399G	51.38	54.00	-2.62	8.22	3	Horizontal	334	1.56	-	43.16	31.10	6.52	29.40
PK	4.82398G	55.24	74.00	-18.76	8.22	3	Horizontal	334	1.56	-	47.02	31.10	6.52	29.40

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2437MHz_TX

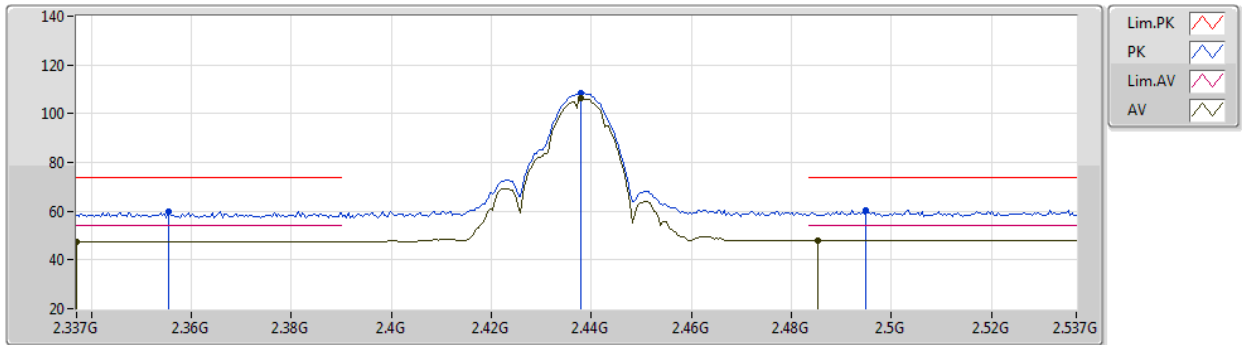


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.337G	47.40	54.00	-6.60	31.99	3	Vertical	132	1.69	-	15.41	27.75	4.24	-
AV	2.4378G	98.50	Inf	-Inf	31.86	3	Vertical	132	1.69	-	66.64	27.52	4.34	-
AV	2.4858G	47.89	54.00	-6.11	31.82	3	Vertical	132	1.69	-	16.07	27.43	4.39	-
PK	2.3402G	59.88	74.00	-14.12	31.98	3	Vertical	132	1.69	-	27.90	27.74	4.24	-
PK	2.4378G	100.99	Inf	-Inf	31.86	3	Vertical	132	1.69	-	69.13	27.52	4.34	-
PK	2.4974G	60.11	74.00	-13.89	31.81	3	Vertical	132	1.69	-	28.30	27.41	4.40	-

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2437MHz_TX

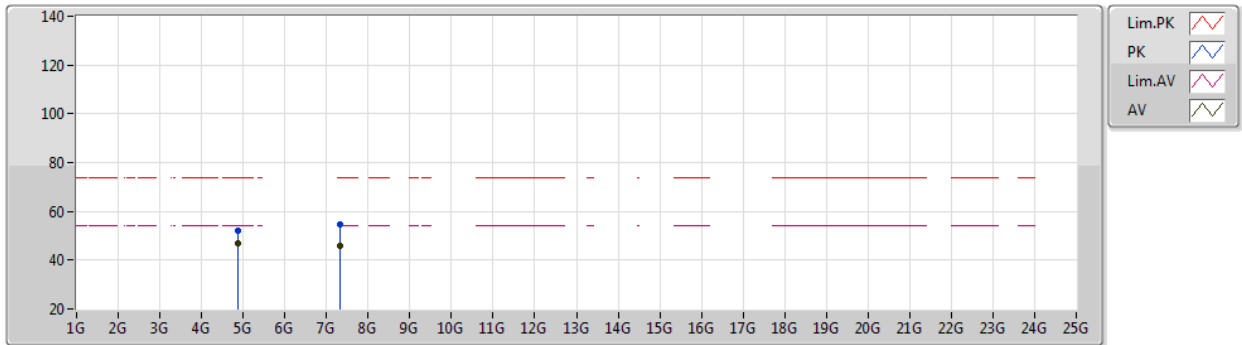


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.337G	47.40	54.00	-6.60	31.99	3	Horizontal	163	1.99	-	15.41	27.75	4.24	-
AV	2.4378G	106.22	Inf	-Inf	31.86	3	Horizontal	163	1.99	-	74.36	27.52	4.34	-
AV	2.4854G	47.89	54.00	-6.11	31.82	3	Horizontal	163	1.99	-	16.07	27.43	4.39	-
PK	2.3554G	59.87	74.00	-14.13	31.95	3	Horizontal	163	1.99	-	27.92	27.69	4.26	-
PK	2.4378G	108.67	Inf	-Inf	31.86	3	Horizontal	163	1.99	-	76.81	27.52	4.34	-
PK	2.495G	60.39	74.00	-13.61	31.80	3	Horizontal	163	1.99	-	28.59	27.41	4.39	-

802.11b_Nss1,(1Mbps)_2TX

06/08/2020

2437MHz_TX

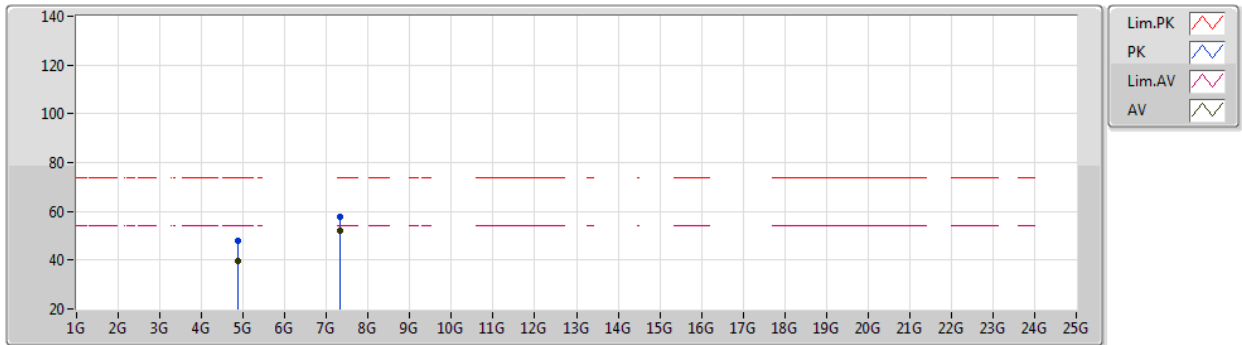


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	46.84	54.00	-7.16	8.29	3	Vertical	112	1.48	-	38.55	31.10	6.57	29.38
AV	7.31174G	46.11	54.00	-7.89	13.56	3	Vertical	156	1.51	-	32.55	36.32	7.60	30.36
PK	4.87394G	52.00	74.00	-22.00	8.29	3	Vertical	112	1.48	-	43.71	31.10	6.57	29.38
PK	7.3128G	54.67	74.00	-19.33	13.57	3	Vertical	156	1.51	-	41.10	36.33	7.60	30.36

802.11b_Nss1,(1Mbps)_2TX

06/08/2020

2437MHz_TX

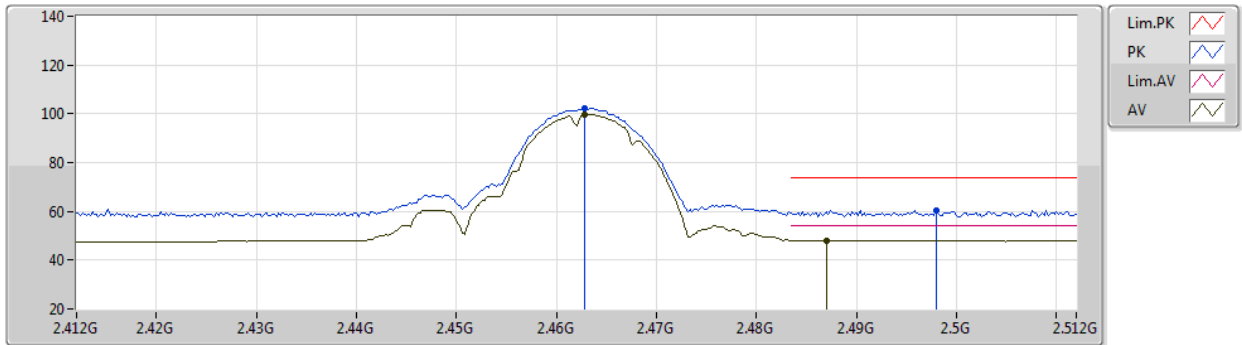


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87396G	39.54	54.00	-14.46	8.29	3	Horizontal	190	1.54	-	31.25	31.10	6.57	29.38
AV	7.31176G	51.89	54.00	-2.11	13.56	3	Horizontal	71	1.40	-	38.33	36.32	7.60	30.36
PK	4.87374G	48.16	74.00	-25.84	8.29	3	Horizontal	190	1.54	-	39.87	31.10	6.57	29.38
PK	7.31202G	57.94	74.00	-16.06	13.56	3	Horizontal	71	1.40	-	44.38	36.32	7.60	30.36

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2462MHz_TX

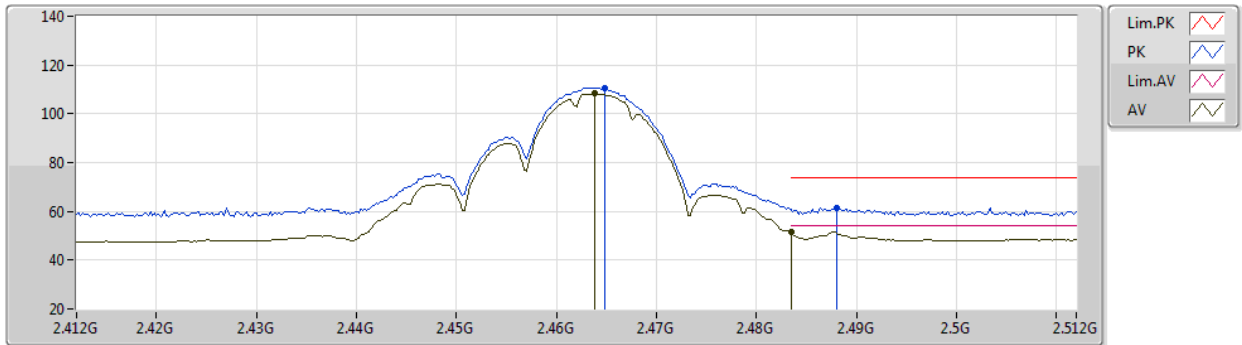


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	99.78	Inf	-Inf	31.83	3	Vertical	133	1.47	-	67.95	27.47	4.36	-
AV	2.487G	48.18	54.00	-5.82	31.82	3	Vertical	133	1.47	-	16.36	27.43	4.39	-
PK	2.4628G	102.25	Inf	-Inf	31.83	3	Vertical	133	1.47	-	70.42	27.47	4.36	-
PK	2.498G	60.60	74.00	-13.40	31.80	3	Vertical	133	1.47	-	28.80	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2462MHz_TX

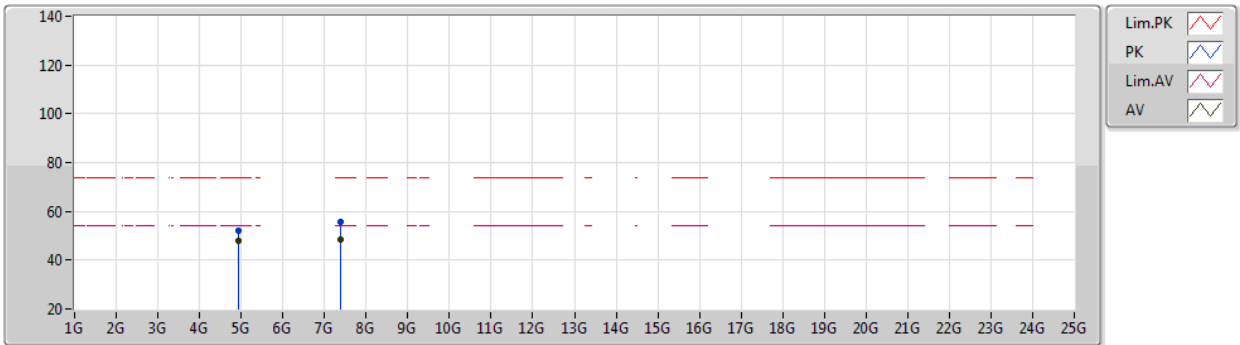


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4638G	108.31	Inf	-Inf	31.83	3	Horizontal	72	1.95	-	76.48	27.47	4.36	-
AV	2.4835G	51.50	54.00	-2.50	31.81	3	Horizontal	72	1.95	-	19.69	27.43	4.38	-
PK	2.4648G	110.71	Inf	-Inf	31.83	3	Horizontal	72	1.95	-	78.88	27.47	4.36	-
PK	2.488G	61.33	74.00	-12.67	31.81	3	Horizontal	72	1.95	-	29.52	27.42	4.39	-

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2462MHz_TX

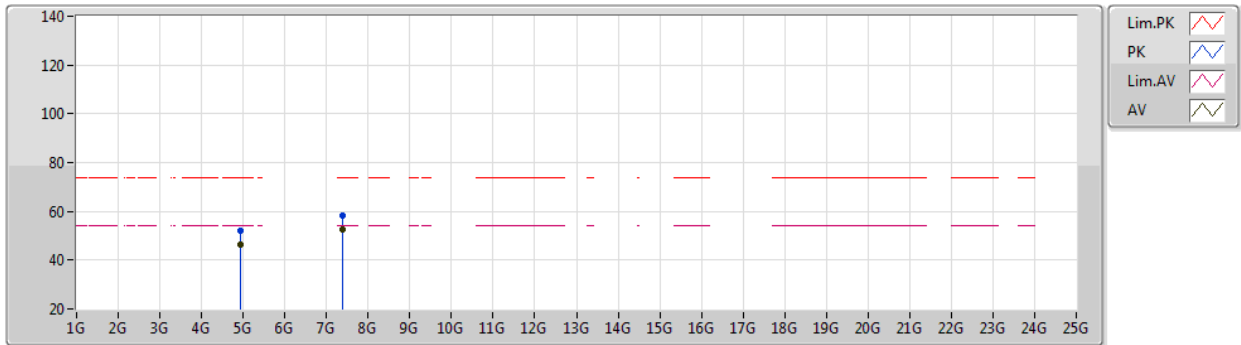


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	47.71	54.00	-6.29	8.42	3	Vertical	81	1.52	-	39.29	31.15	6.62	29.35
AV	7.38674G	48.21	54.00	-5.79	13.29	3	Vertical	95	2.01	-	34.92	36.11	7.60	30.42
PK	4.92398G	52.20	74.00	-21.80	8.42	3	Vertical	81	1.52	-	43.78	31.15	6.62	29.35
PK	7.38752G	55.53	74.00	-18.47	13.28	3	Vertical	95	2.01	-	42.25	36.10	7.60	30.42

802.11b_Nss1,(1Mbps)_2TX

07/08/2020

2462MHz_TX

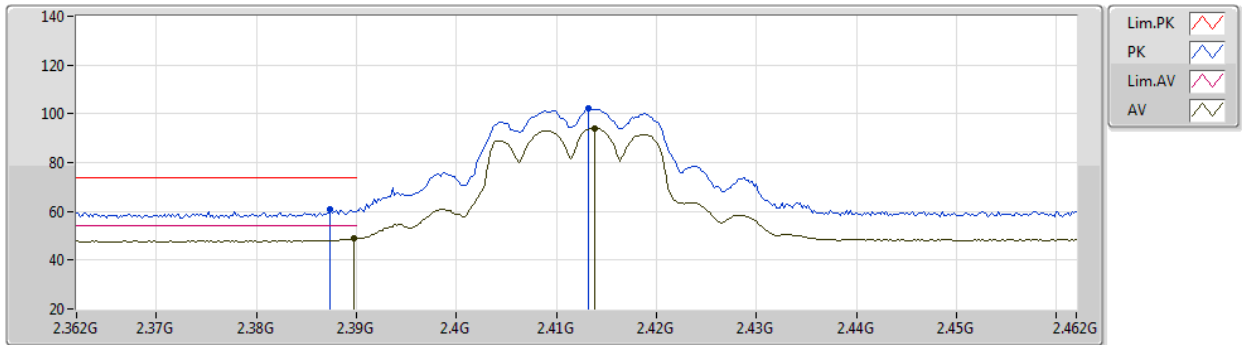


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	46.45	54.00	-7.55	8.42	3	Horizontal	189	1.50	-	38.03	31.15	6.62	29.35
AV	7.38676G	52.61	54.00	-1.39	13.29	3	Horizontal	64	1.22	-	39.32	36.11	7.60	30.42
PK	4.92414G	52.22	74.00	-21.78	8.42	3	Horizontal	189	1.50	-	43.80	31.15	6.62	29.35
PK	7.38536G	58.47	74.00	-15.53	13.30	3	Horizontal	64	1.22	-	45.17	36.12	7.60	30.42

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2412MHz_TX

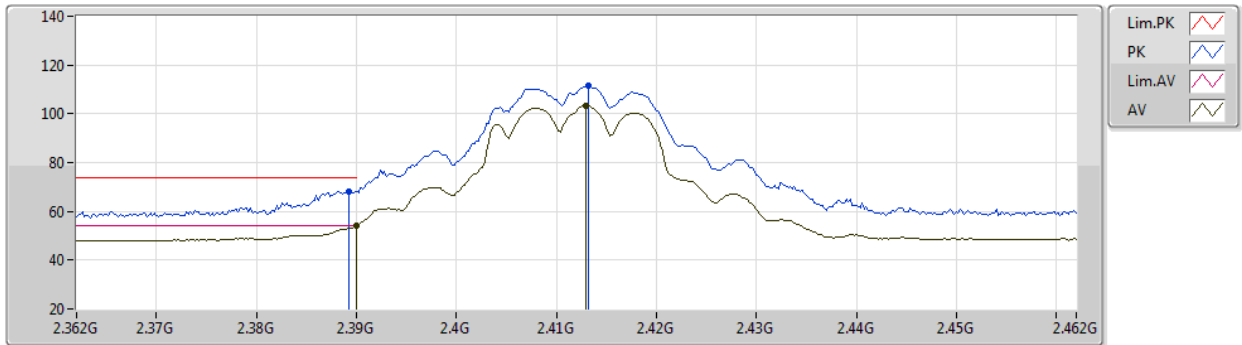


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.93	54.00	-5.07	31.91	3	Vertical	134	1.51	-	17.02	27.62	4.29	-
AV	2.4138G	94.09	Inf	-Inf	31.88	3	Vertical	134	1.51	-	62.21	27.57	4.31	-
PK	2.3874G	60.85	74.00	-13.15	31.92	3	Vertical	134	1.51	-	28.93	27.63	4.29	-
PK	2.4132G	102.25	Inf	-Inf	31.88	3	Vertical	134	1.51	-	70.37	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2412MHz_TX

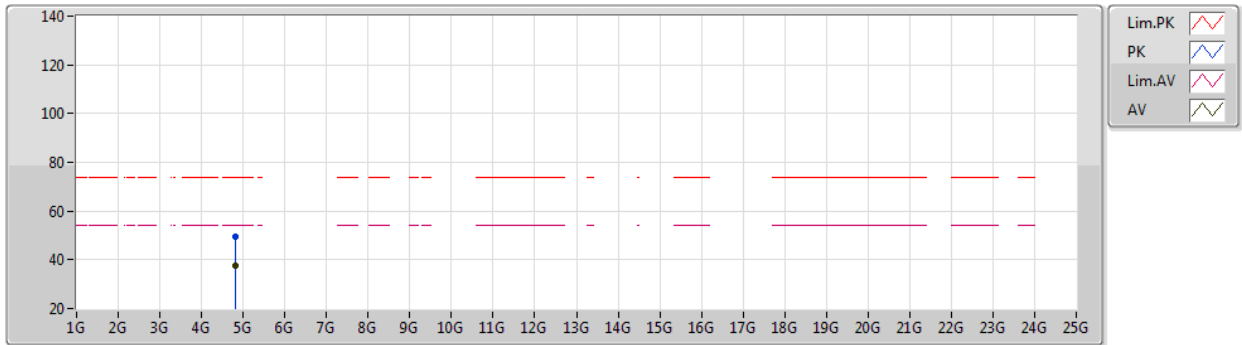


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.89	54.00	-0.11	31.91	3	Horizontal	335	1.50	-	21.98	27.62	4.29	-
AV	2.413G	103.42	Inf	-Inf	31.88	3	Horizontal	335	1.50	-	71.54	27.57	4.31	-
PK	2.3892G	68.26	74.00	-5.74	31.91	3	Horizontal	335	1.50	-	36.35	27.62	4.29	-
PK	2.4132G	111.36	Inf	-Inf	31.88	3	Horizontal	335	1.50	-	79.48	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2412MHz_TX

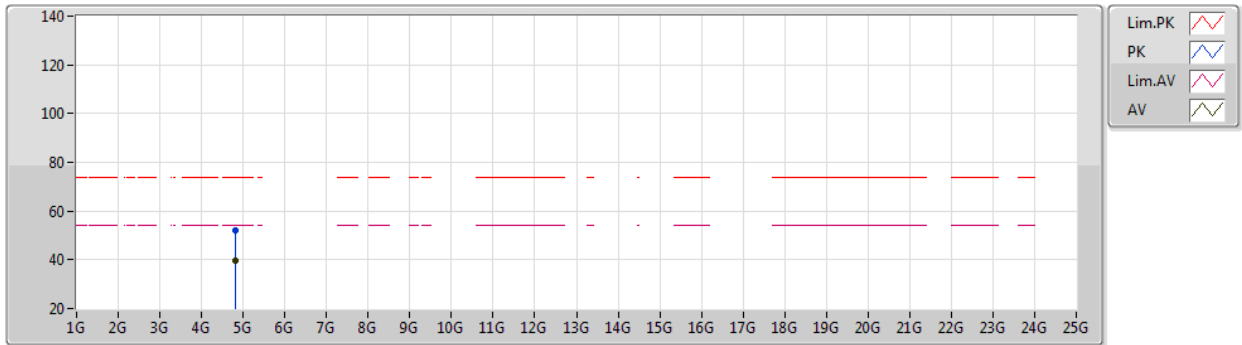


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82394G	37.50	54.00	-16.50	8.22	3	Vertical	230	1.53	-	29.28	31.10	6.52	29.40
PK	4.82334G	49.60	74.00	-24.40	8.22	3	Vertical	230	1.53	-	41.38	31.10	6.52	29.40

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2412MHz_TX

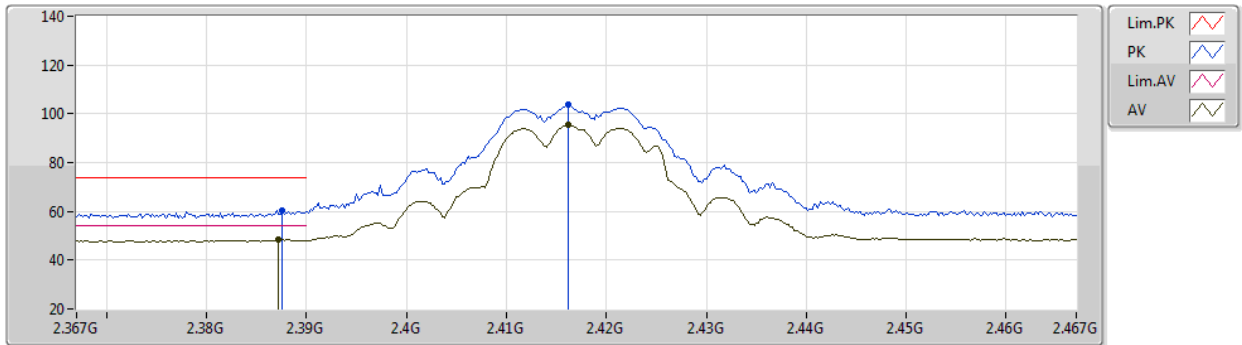


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8237G	39.79	54.00	-14.21	8.22	3	Horizontal	336	1.56	-	31.57	31.10	6.52	29.40
PK	4.824G	51.98	74.00	-22.02	8.22	3	Horizontal	336	1.56	-	43.76	31.10	6.52	29.40

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2417MHz_TX

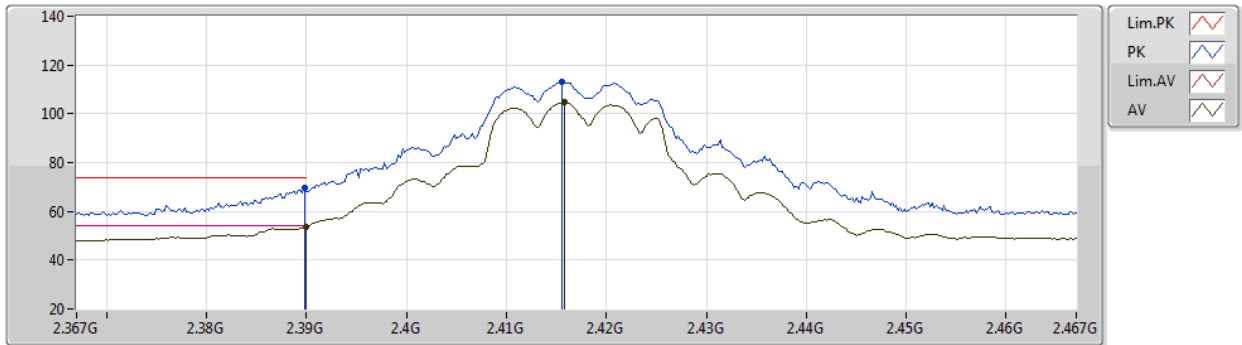


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3872G	48.39	54.00	-5.61	31.92	3	Vertical	134	1.50	-	16.47	27.63	4.29	-
AV	2.4162G	95.57	Inf	-Inf	31.89	3	Vertical	134	1.50	-	63.68	27.57	4.32	-
PK	2.3876G	60.46	74.00	-13.54	31.91	3	Vertical	134	1.50	-	28.55	27.62	4.29	-
PK	2.4162G	103.78	Inf	-Inf	31.89	3	Vertical	134	1.50	-	71.89	27.57	4.32	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2417MHz_TX

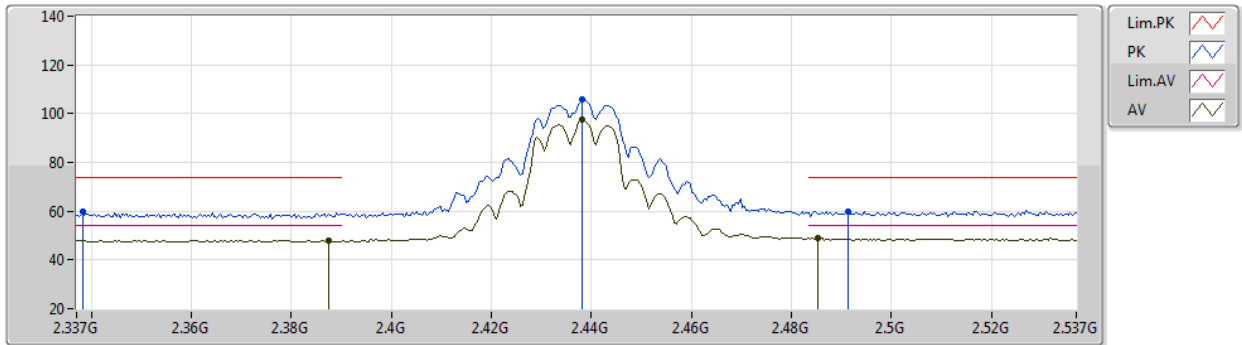


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.61	54.00	-0.39	31.91	3	Horizontal	314	1.80	-	21.70	27.62	4.29	-
AV	2.4158G	104.67	Inf	-Inf	31.89	3	Horizontal	314	1.80	-	72.78	27.57	4.32	-
PK	2.3898G	69.44	74.00	-4.56	31.91	3	Horizontal	314	1.80	-	37.53	27.62	4.29	-
PK	2.4156G	112.88	Inf	-Inf	31.89	3	Horizontal	314	1.80	-	80.99	27.57	4.32	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2437MHz_TX

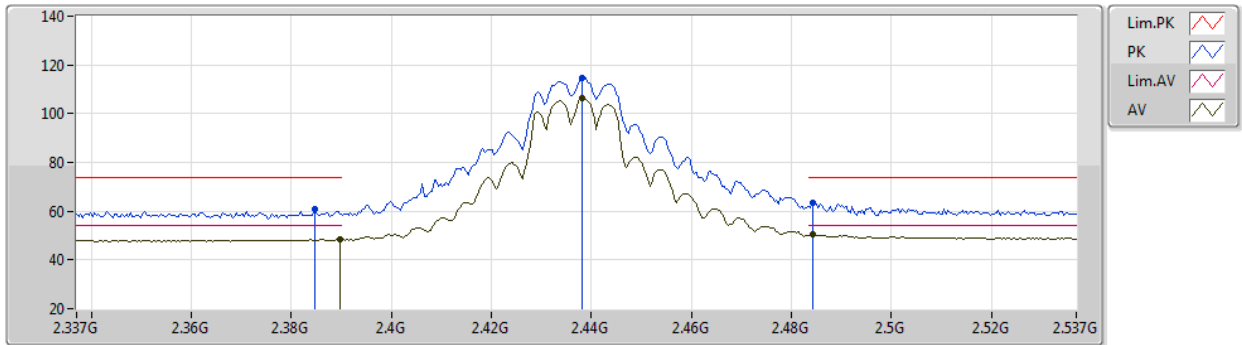


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	48.13	54.00	-5.87	31.92	3	Vertical	155	1.18	-	16.21	27.63	4.29	-
AV	2.4382G	97.37	Inf	-Inf	31.86	3	Vertical	155	1.18	-	65.51	27.52	4.34	-
AV	2.4854G	48.74	54.00	-5.26	31.82	3	Vertical	155	1.18	-	16.92	27.43	4.39	-
PK	2.3382G	59.84	74.00	-14.16	31.99	3	Vertical	155	1.18	-	27.85	27.75	4.24	-
PK	2.4382G	105.64	Inf	-Inf	31.86	3	Vertical	155	1.18	-	73.78	27.52	4.34	-
PK	2.4914G	59.74	74.00	-14.26	31.81	3	Vertical	155	1.18	-	27.93	27.42	4.39	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

07/08/2020

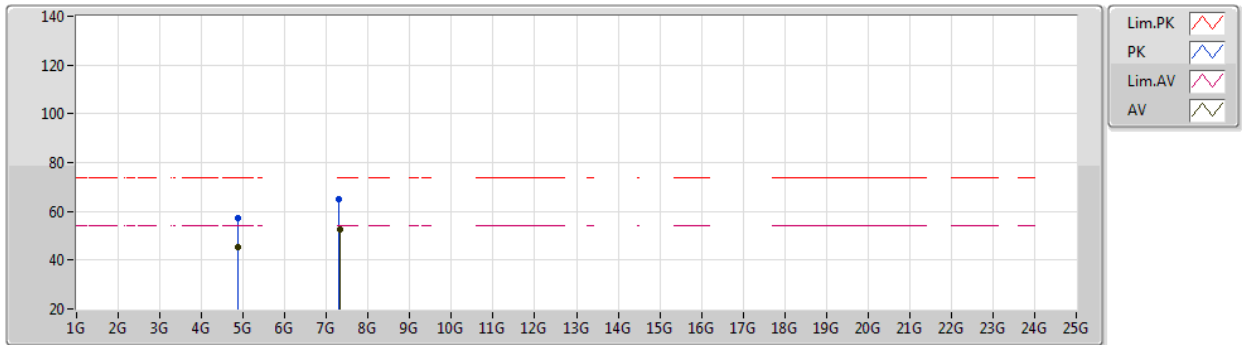


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.42	54.00	-5.58	31.91	3	Horizontal	68	1.92	-	16.51	27.62	4.29	-
AV	2.4382G	106.31	Inf	-Inf	31.86	3	Horizontal	68	1.92	-	74.45	27.52	4.34	-
AV	2.4842G	50.45	54.00	-3.55	31.81	3	Horizontal	68	1.92	-	18.64	27.43	4.38	-
PK	2.3846G	61.11	74.00	-12.89	31.91	3	Horizontal	68	1.92	-	29.20	27.63	4.28	-
PK	2.4382G	114.60	Inf	-Inf	31.86	3	Horizontal	68	1.92	-	82.74	27.52	4.34	-
PK	2.4842G	63.30	74.00	-10.70	31.81	3	Horizontal	68	1.92	-	31.49	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2437MHz_TX

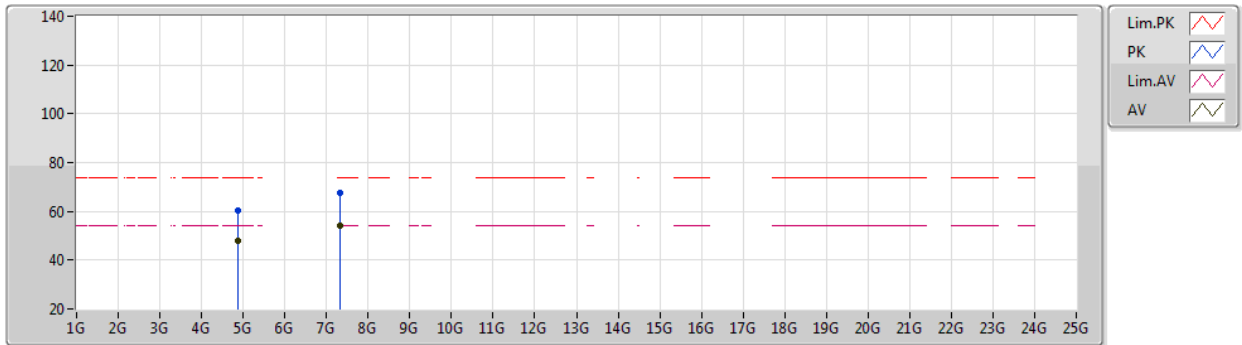


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8722G	45.37	54.00	-8.63	8.29	3	Vertical	221	1.54	-	37.08	31.10	6.57	29.38
AV	7.31298G	52.59	54.00	-1.41	13.57	3	Vertical	213	2.70	-	39.02	36.33	7.60	30.36
PK	4.87226G	57.44	74.00	-16.56	8.29	3	Vertical	221	1.54	-	49.15	31.10	6.57	29.38
PK	7.30848G	65.24	74.00	-8.76	13.56	3	Vertical	213	2.70	-	51.68	36.32	7.60	30.36

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2437MHz_TX

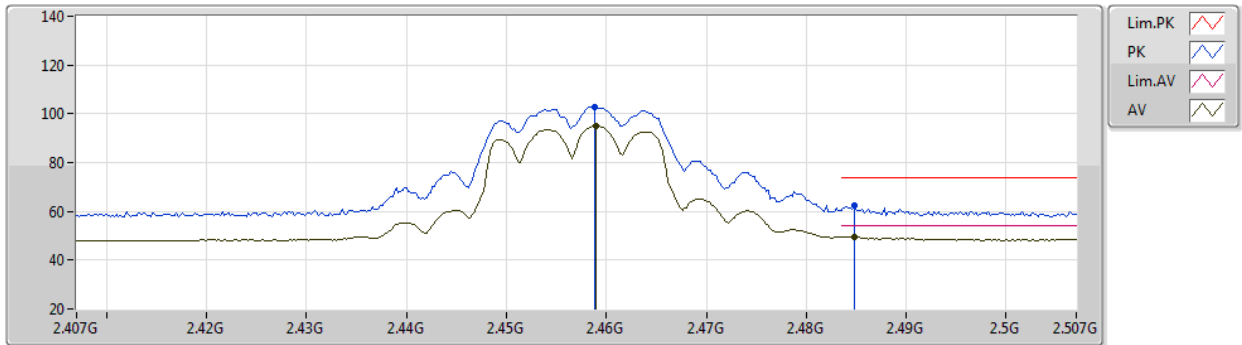


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87208G	48.06	54.00	-5.94	8.29	3	Horizontal	181	1.62	-	39.77	31.10	6.57	29.38
AV	7.31142G	53.93	54.00	-0.07	13.56	3	Horizontal	76	1.33	-	40.37	36.32	7.60	30.36
PK	4.87232G	60.10	74.00	-13.90	8.29	3	Horizontal	181	1.62	-	51.81	31.10	6.57	29.38
PK	7.31052G	67.39	74.00	-6.61	13.56	3	Horizontal	76	1.33	-	53.83	36.32	7.60	30.36

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2457MHz_TX

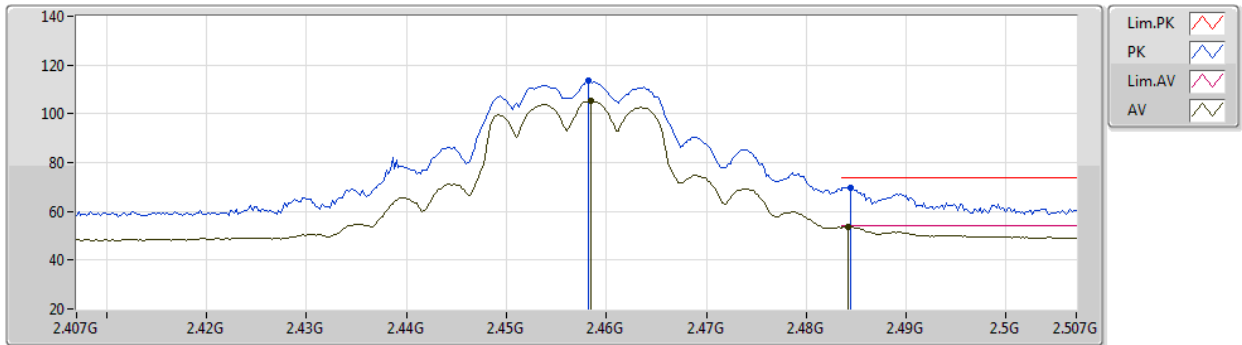


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.459G	94.95	Inf	-Inf	31.84	3	Vertical	145	1.51	-	63.11	27.48	4.36	-
AV	2.4848G	49.51	54.00	-4.49	31.81	3	Vertical	145	1.51	-	17.70	27.43	4.38	-
PK	2.4588G	102.76	Inf	-Inf	31.84	3	Vertical	145	1.51	-	70.92	27.48	4.36	-
PK	2.4848G	62.17	74.00	-11.83	31.81	3	Vertical	145	1.51	-	30.36	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2457MHz_TX

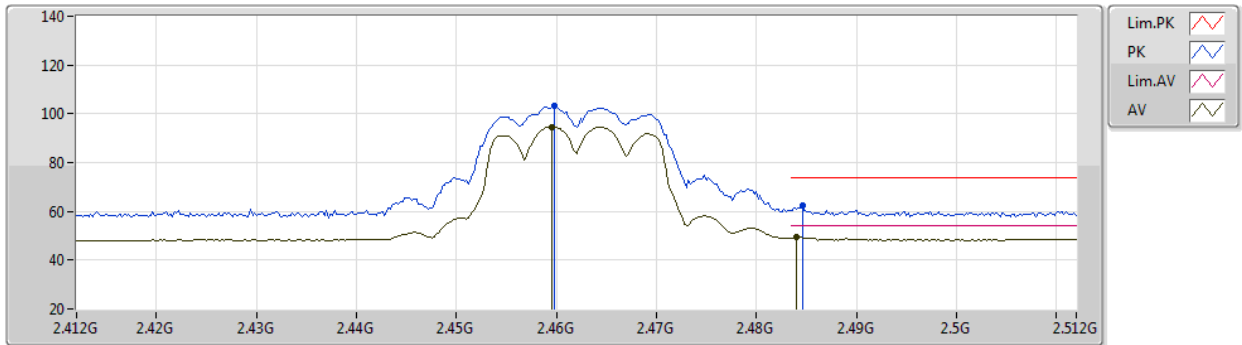


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4584G	105.09	Inf	-Inf	31.84	3	Horizontal	68	1.86	-	73.25	27.48	4.36	-
AV	2.4842G	53.75	54.00	-0.25	31.81	3	Horizontal	68	1.86	-	21.94	27.43	4.38	-
PK	2.4582G	113.56	Inf	-Inf	31.84	3	Horizontal	68	1.86	-	81.72	27.48	4.36	-
PK	2.4844G	69.81	74.00	-4.19	31.81	3	Horizontal	68	1.86	-	38.00	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2462MHz_TX

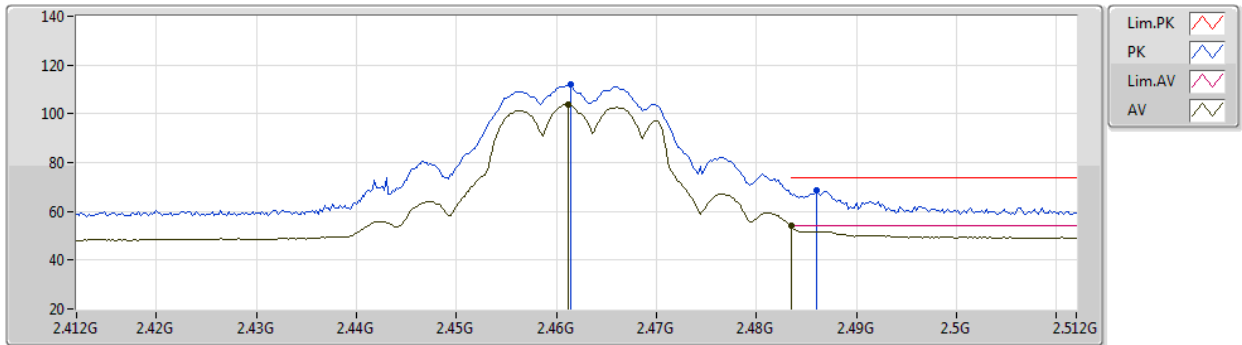


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	94.72	Inf	-Inf	31.84	3	Vertical	247	1.27	-	62.88	27.48	4.36	-
AV	2.484G	49.26	54.00	-4.74	31.81	3	Vertical	247	1.27	-	17.45	27.43	4.38	-
PK	2.4598G	103.06	Inf	-Inf	31.84	3	Vertical	247	1.27	-	71.22	27.48	4.36	-
PK	2.4846G	62.34	74.00	-11.66	31.81	3	Vertical	247	1.27	-	30.53	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2462MHz_TX

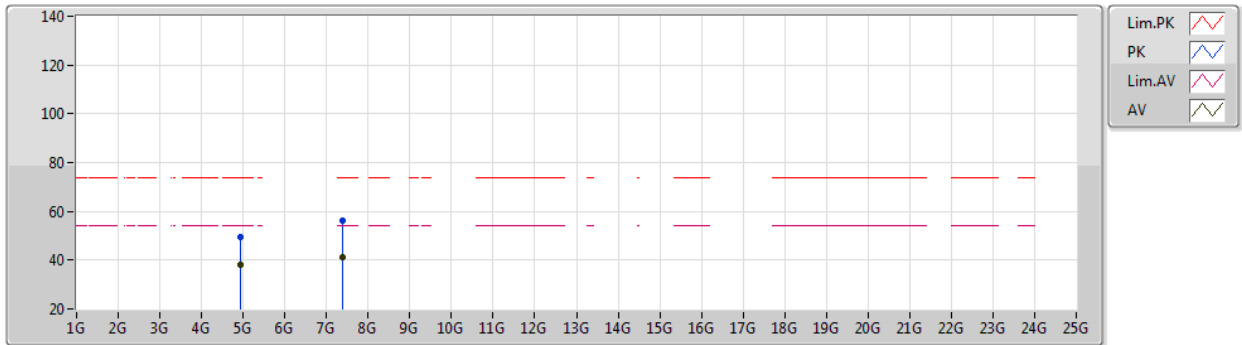


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	103.75	Inf	-Inf	31.84	3	Horizontal	72	1.91	-	71.91	27.48	4.36	-
AV	2.4835G	53.90	54.00	-0.10	31.81	3	Horizontal	72	1.91	-	22.09	27.43	4.38	-
PK	2.4614G	111.84	Inf	-Inf	31.84	3	Horizontal	72	1.91	-	80.00	27.48	4.36	-
PK	2.486G	68.54	74.00	-5.46	31.82	3	Horizontal	72	1.91	-	36.72	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2462MHz_TX

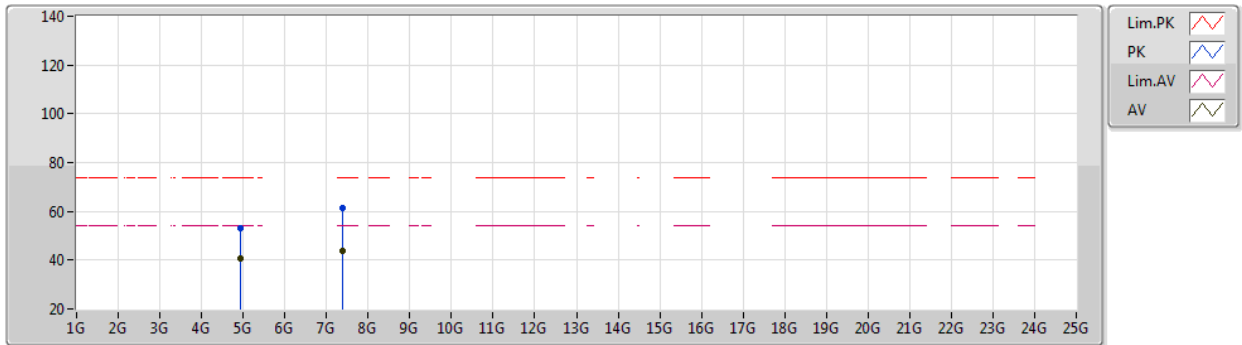


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92376G	38.10	54.00	-15.90	8.41	3	Vertical	220	1.50	-	29.69	31.15	6.62	29.36
AV	7.3881G	41.02	54.00	-12.98	13.28	3	Vertical	70	3.00	-	27.74	36.10	7.60	30.42
PK	4.92334G	49.74	74.00	-24.26	8.41	3	Vertical	220	1.50	-	41.33	31.15	6.62	29.36
PK	7.38864G	56.19	74.00	-17.81	13.27	3	Vertical	70	3.00	-	42.92	36.09	7.60	30.42

802.11g_Nss1,(6Mbps)_2TX

07/08/2020

2462MHz_TX

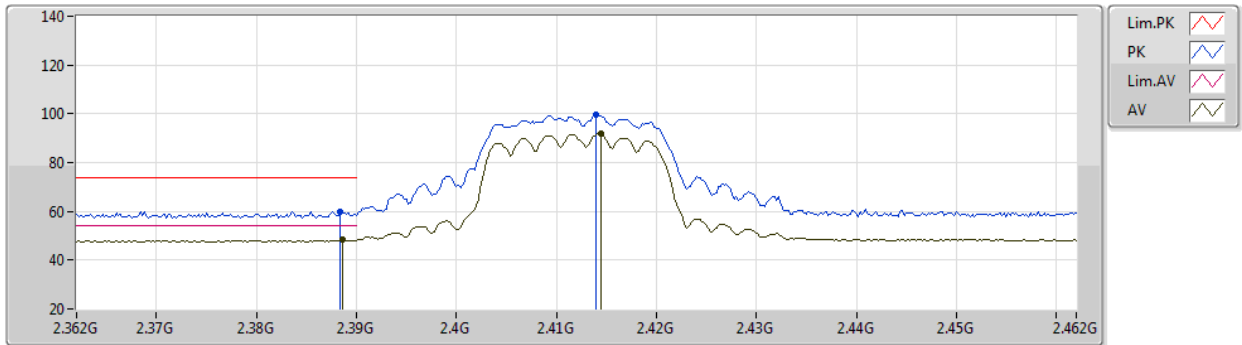


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92346G	40.73	54.00	-13.27	8.41	3	Horizontal	17	1.49	-	32.32	31.15	6.62	29.36
AV	7.3863G	43.77	54.00	-10.23	13.29	3	Horizontal	78	1.28	-	30.48	36.11	7.60	30.42
PK	4.92286G	53.15	74.00	-20.85	8.41	3	Horizontal	17	1.49	-	44.74	31.15	6.62	29.36
PK	7.37682G	61.43	74.00	-12.57	13.38	3	Horizontal	78	1.28	-	48.05	36.19	7.60	30.41

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2412MHz_TX

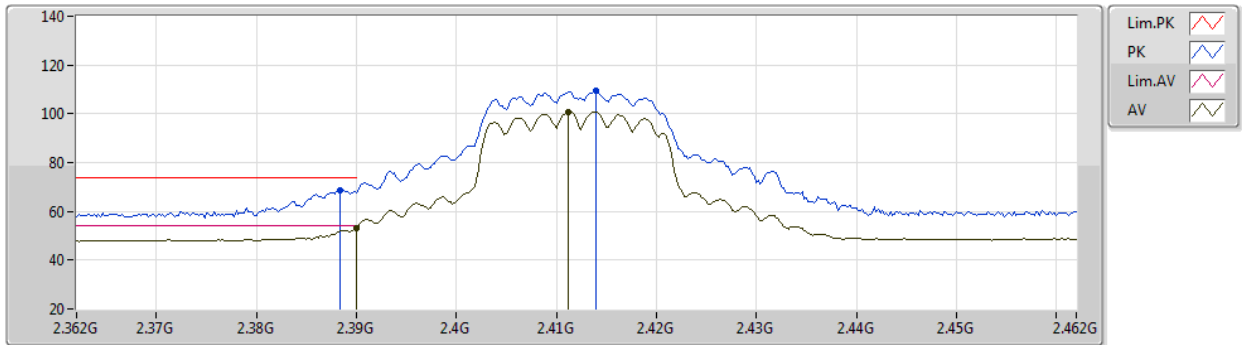


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	48.40	54.00	-5.60	31.91	3	Vertical	133	1.50	-	16.49	27.62	4.29	-
AV	2.4144G	91.66	Inf	-Inf	31.88	3	Vertical	133	1.50	-	59.78	27.57	4.31	-
PK	2.3884G	60.00	74.00	-14.00	31.91	3	Vertical	133	1.50	-	28.09	27.62	4.29	-
PK	2.414G	99.76	Inf	-Inf	31.88	3	Vertical	133	1.50	-	67.88	27.57	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2412MHz_TX

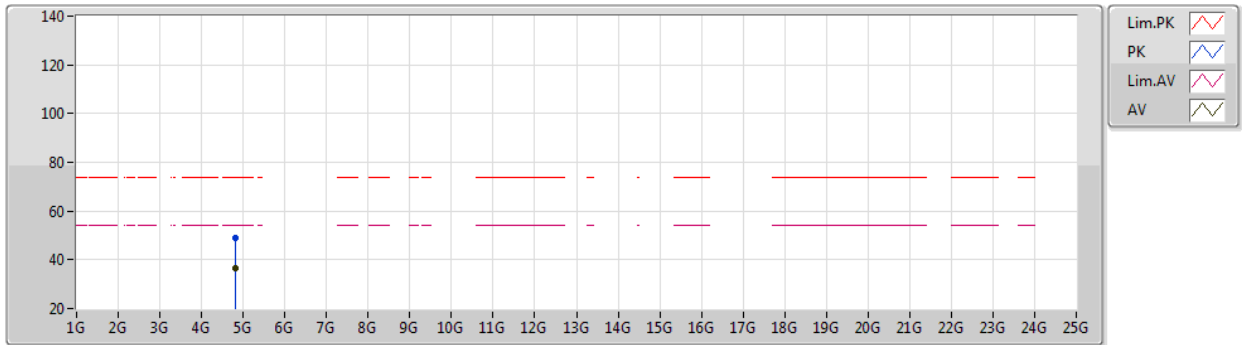


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.16	54.00	-0.84	31.91	3	Horizontal	315	1.80	-	21.25	27.62	4.29	-
AV	2.4112G	100.76	Inf	-Inf	31.89	3	Horizontal	315	1.80	-	68.87	27.58	4.31	-
PK	2.3884G	68.80	74.00	-5.20	31.91	3	Horizontal	315	1.80	-	36.89	27.62	4.29	-
PK	2.414G	109.37	Inf	-Inf	31.88	3	Horizontal	315	1.80	-	77.49	27.57	4.31	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2412MHz_TX

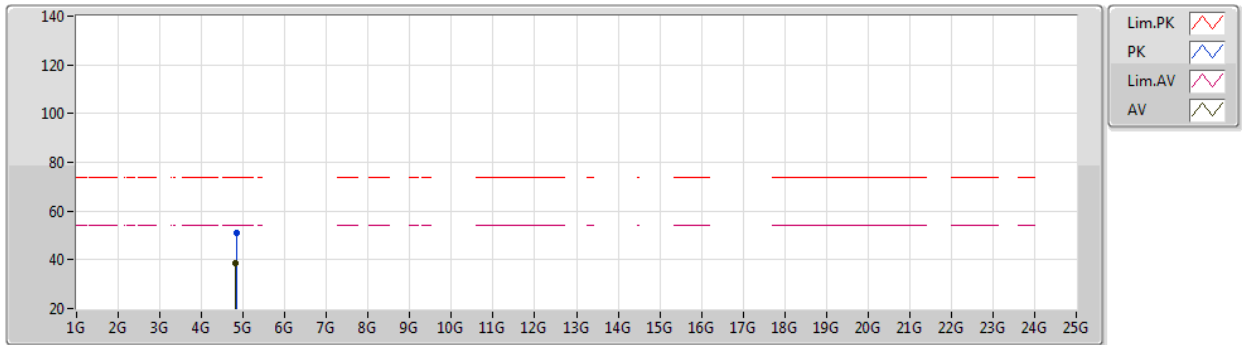


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	36.40	54.00	-17.60	8.22	3	Vertical	93	1.48	-	28.18	31.10	6.52	29.40
PK	4.8192G	48.88	74.00	-25.12	8.22	3	Vertical	93	1.48	-	40.66	31.10	6.52	29.40

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2412MHz_TX

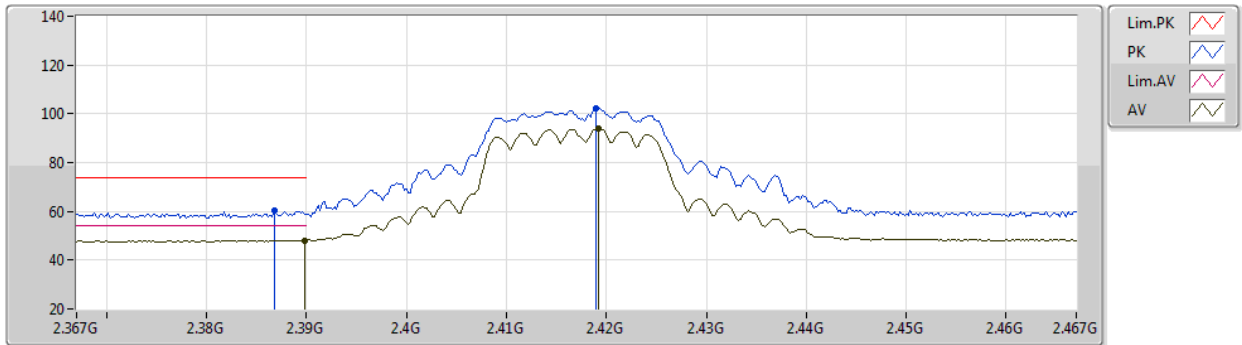


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82352G	38.39	54.00	-15.61	8.22	3	Horizontal	17	1.44	-	30.17	31.10	6.52	29.40
PK	4.82862G	50.89	74.00	-23.11	8.23	3	Horizontal	17	1.44	-	42.66	31.10	6.53	29.40

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2417MHz_TX

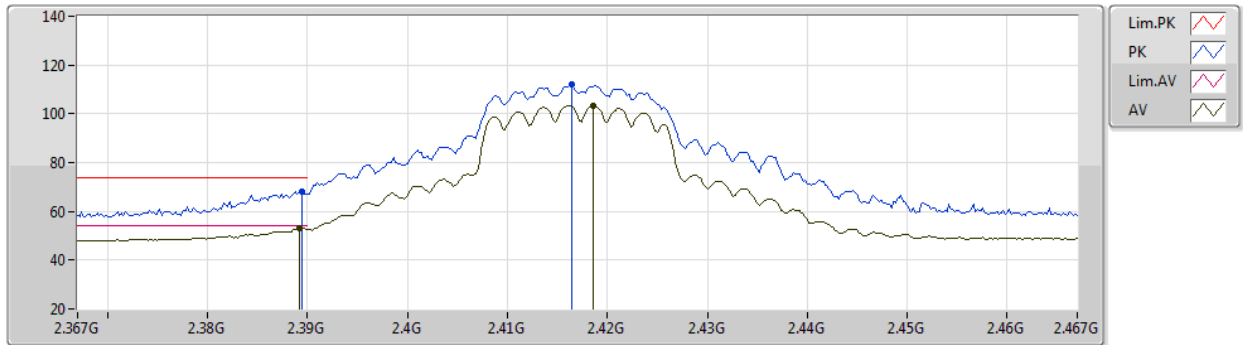


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.15	54.00	-5.85	31.91	3	Vertical	132	1.72	-	16.24	27.62	4.29	-
AV	2.4192G	94.05	Inf	-Inf	31.88	3	Vertical	132	1.72	-	62.17	27.56	4.32	-
PK	2.3868G	60.46	74.00	-13.54	31.92	3	Vertical	132	1.72	-	28.54	27.63	4.29	-
PK	2.419G	102.43	Inf	-Inf	31.88	3	Vertical	132	1.72	-	70.55	27.56	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2417MHz_TX

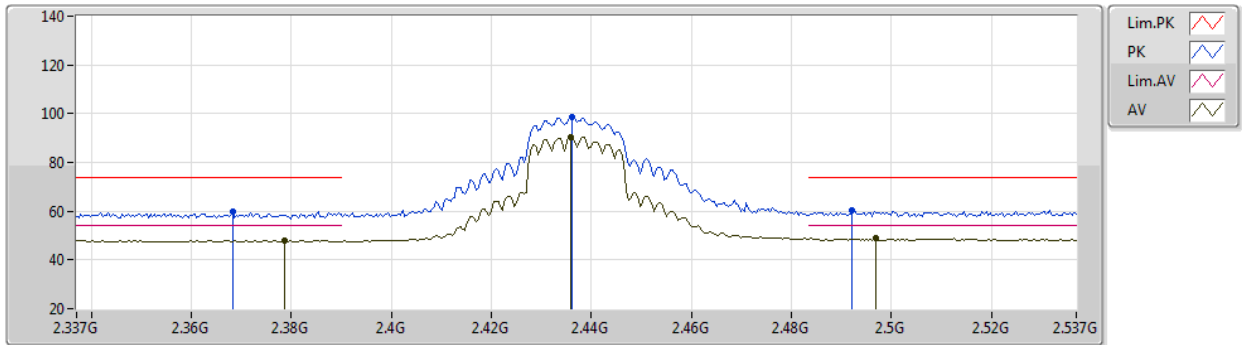


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.15	54.00	-0.85	31.91	3	Horizontal	315	1.41	-	21.24	27.62	4.29	-
AV	2.4186G	103.38	Inf	-Inf	31.88	3	Horizontal	315	1.41	-	71.50	27.56	4.32	-
PK	2.3894G	68.24	74.00	-5.76	31.91	3	Horizontal	315	1.41	-	36.33	27.62	4.29	-
PK	2.4164G	112.12	Inf	-Inf	31.89	3	Horizontal	315	1.41	-	80.23	27.57	4.32	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

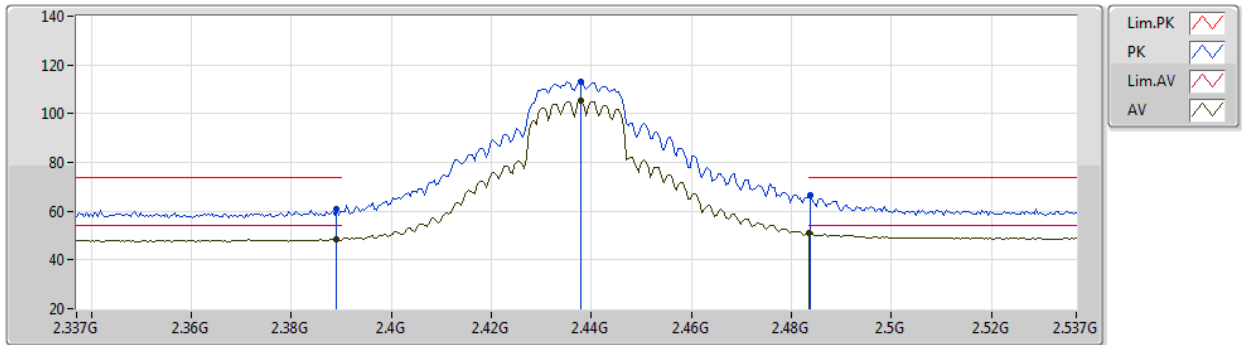


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3786G	48.07	54.00	-5.93	31.92	3	Vertical	126	1.47	-	16.15	27.64	4.28	-
AV	2.4358G	90.56	Inf	-Inf	31.87	3	Vertical	126	1.47	-	58.69	27.53	4.34	-
AV	2.497G	48.74	54.00	-5.26	31.81	3	Vertical	126	1.47	-	16.93	27.41	4.40	-
PK	2.3682G	59.91	74.00	-14.09	31.93	3	Vertical	126	1.47	-	27.98	27.66	4.27	-
PK	2.4362G	98.61	Inf	-Inf	31.87	3	Vertical	126	1.47	-	66.74	27.53	4.34	-
PK	2.4922G	60.18	74.00	-13.82	31.81	3	Vertical	126	1.47	-	28.37	27.42	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

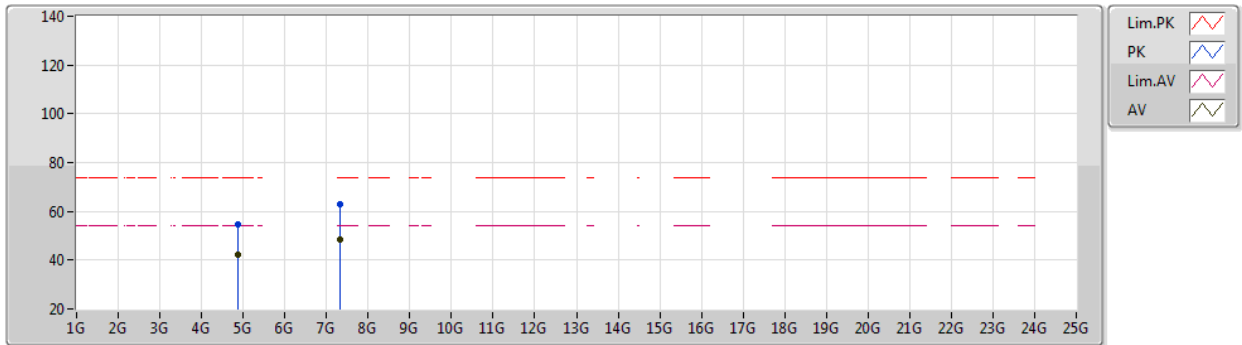


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.41	54.00	-5.59	31.91	3	Horizontal	69	1.93	-	16.50	27.62	4.29	-
AV	2.4378G	105.60	Inf	-Inf	31.86	3	Horizontal	69	1.93	-	73.74	27.52	4.34	-
AV	2.4835G	51.09	54.00	-2.91	31.81	3	Horizontal	69	1.93	-	19.28	27.43	4.38	-
PK	2.389G	61.11	74.00	-12.89	31.91	3	Horizontal	69	1.93	-	29.20	27.62	4.29	-
PK	2.4378G	113.28	Inf	-Inf	31.86	3	Horizontal	69	1.93	-	81.42	27.52	4.34	-
PK	2.4838G	66.55	74.00	-7.45	31.81	3	Horizontal	69	1.93	-	34.74	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

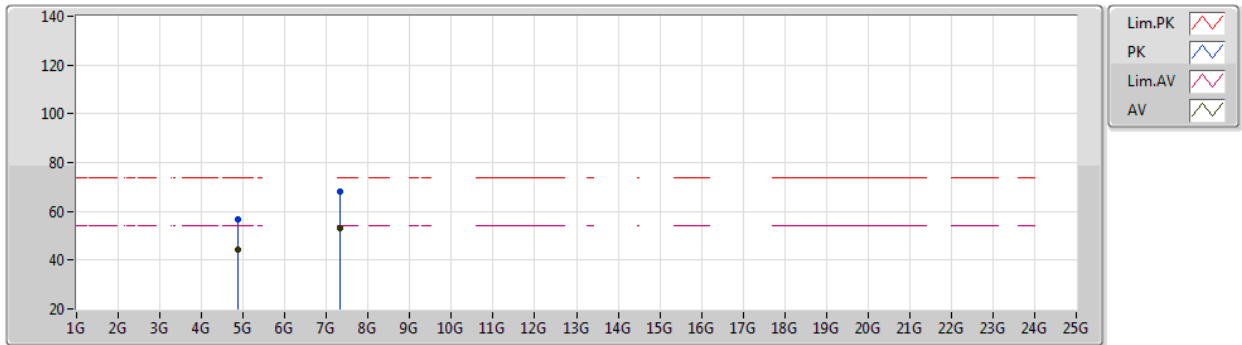


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87388G	42.04	54.00	-11.96	8.29	3	Vertical	90	1.56	-	33.75	31.10	6.57	29.38
AV	7.31328G	48.49	54.00	-5.51	13.57	3	Vertical	213	2.70	-	34.92	36.33	7.60	30.36
PK	4.871G	54.69	74.00	-19.31	8.29	3	Vertical	90	1.56	-	46.40	31.10	6.57	29.38
PK	7.31592G	63.10	74.00	-10.90	13.57	3	Vertical	213	2.70	-	49.53	36.33	7.60	30.36

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

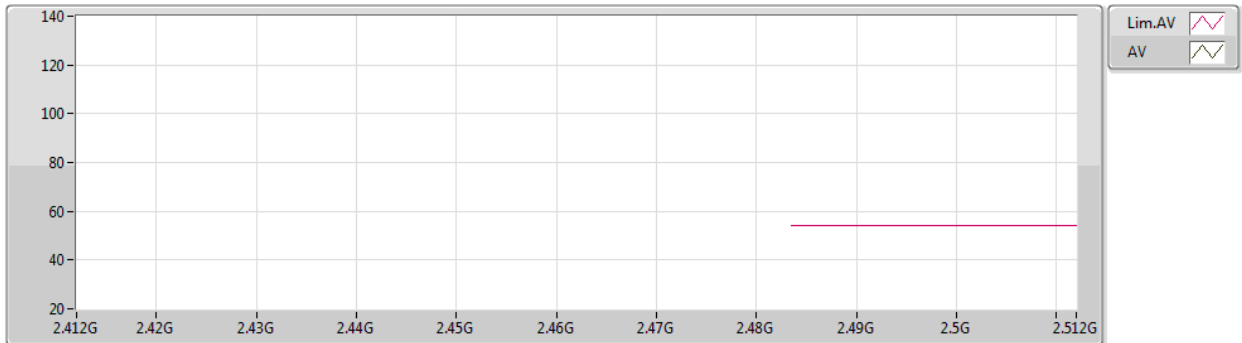


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87562G	44.26	54.00	-9.74	8.30	3	Horizontal	22	1.64	-	35.96	31.10	6.58	29.38
AV	7.31094G	53.13	54.00	-0.87	13.56	3	Horizontal	77	2.65	-	39.57	36.32	7.60	30.36
PK	4.8728G	56.83	74.00	-17.17	8.29	3	Horizontal	22	1.64	-	48.54	31.10	6.57	29.38
PK	7.31634G	68.32	74.00	-5.68	13.57	3	Horizontal	77	2.65	-	54.75	36.33	7.60	30.36

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2457MHz_TX

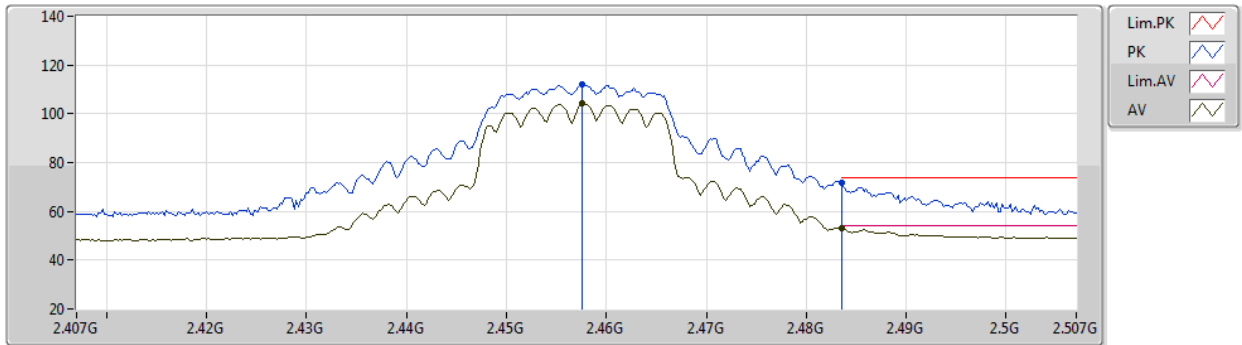


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2457MHz_TX

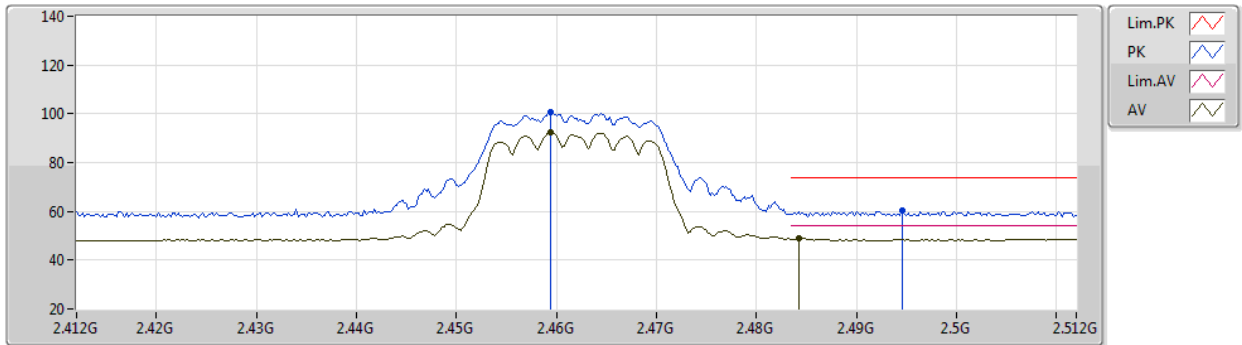


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4576G	104.17	Inf	-Inf	31.84	3	Horizontal	64	1.87	-	72.33	27.48	4.36	-
AV	2.4835G	52.95	54.00	-1.05	31.81	3	Horizontal	64	1.87	-	21.14	27.43	4.38	-
PK	2.4576G	112.00	Inf	-Inf	31.84	3	Horizontal	64	1.87	-	80.16	27.48	4.36	-
PK	2.4835G	71.96	74.00	-2.04	31.81	3	Horizontal	64	1.87	-	40.15	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2462MHz_TX

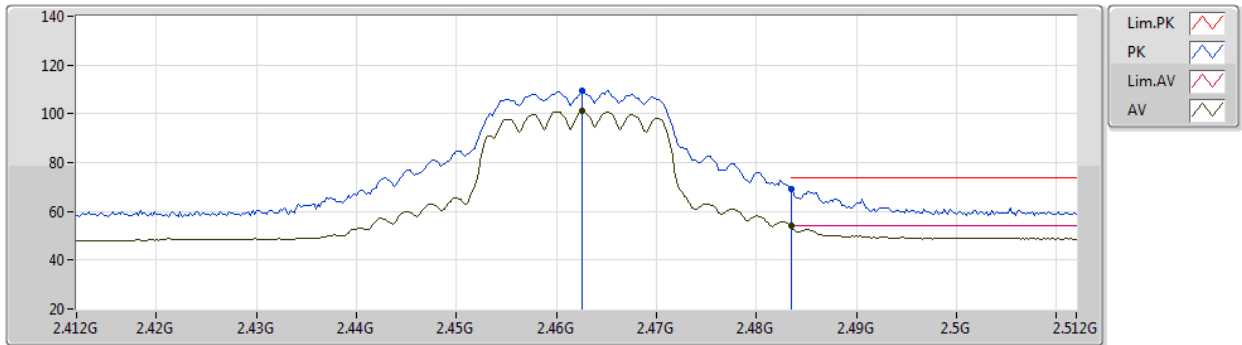


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4594G	92.33	Inf	-Inf	31.84	3	Vertical	248	1.28	-	60.49	27.48	4.36	-
AV	2.4842G	48.73	54.00	-5.27	31.81	3	Vertical	248	1.28	-	16.92	27.43	4.38	-
PK	2.4594G	100.65	Inf	-Inf	31.84	3	Vertical	248	1.28	-	68.81	27.48	4.36	-
PK	2.4946G	60.46	74.00	-13.54	31.80	3	Vertical	248	1.28	-	28.66	27.41	4.39	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2462MHz_TX

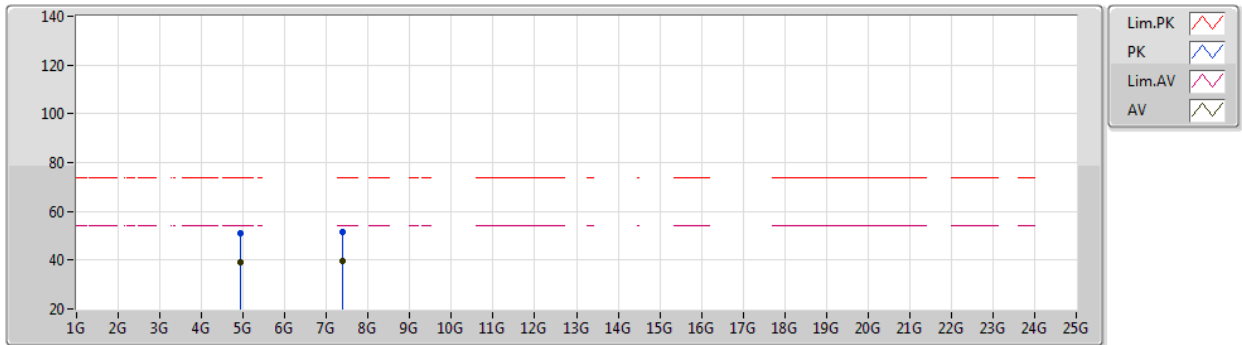


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4626G	101.16	Inf	-Inf	31.83	3	Horizontal	55	1.73	-	69.33	27.47	4.36	-
AV	2.4835G	53.90	54.00	-0.10	31.81	3	Horizontal	55	1.73	-	22.09	27.43	4.38	-
PK	2.4626G	109.30	Inf	-Inf	31.83	3	Horizontal	55	1.73	-	77.47	27.47	4.36	-
PK	2.4835G	69.27	74.00	-4.73	31.81	3	Horizontal	55	1.73	-	37.46	27.43	4.38	-

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2462MHz_TX

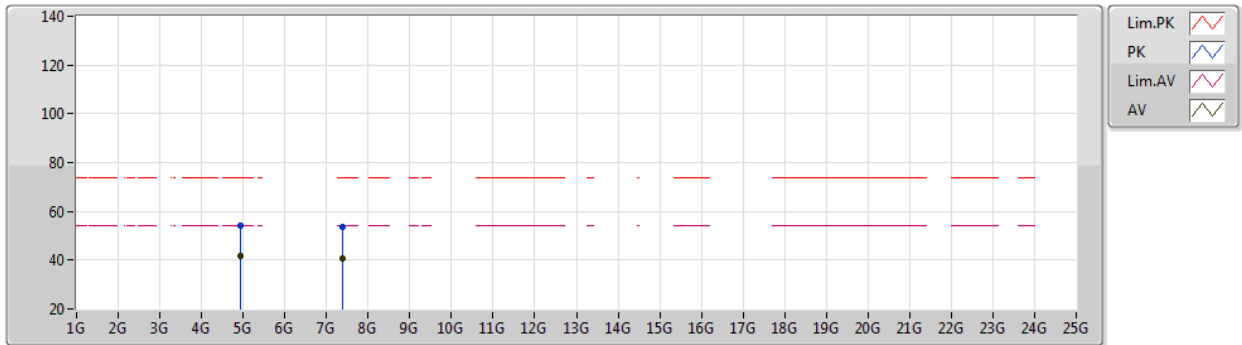


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92382G	39.07	54.00	-14.93	8.41	3	Vertical	220	1.53	-	30.66	31.15	6.62	29.36
AV	7.3863G	39.55	54.00	-14.45	13.29	3	Vertical	82	1.60	-	26.26	36.11	7.60	30.42
PK	4.92088G	50.96	74.00	-23.04	8.40	3	Vertical	220	1.53	-	42.56	31.14	6.62	29.36
PK	7.3836G	51.73	74.00	-22.27	13.31	3	Vertical	82	1.60	-	38.42	36.13	7.60	30.42

802.11n HT20_Nss1,(MCS0)_2TX

07/08/2020

2462MHz_TX

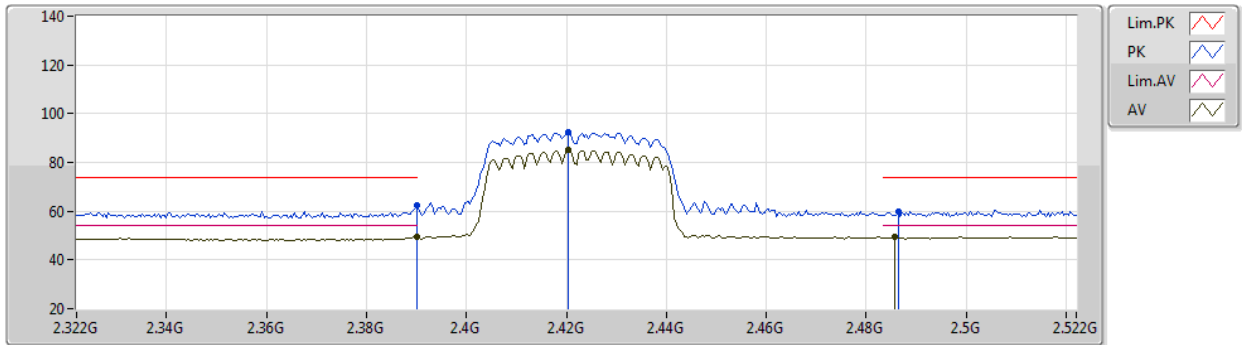


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92358G	41.58	54.00	-12.42	8.41	3	Horizontal	18	1.59	-	33.17	31.15	6.62	29.36
AV	7.38594G	40.86	54.00	-13.14	13.29	3	Horizontal	55	2.31	-	27.57	36.11	7.60	30.42
PK	4.92088G	54.14	74.00	-19.86	8.40	3	Horizontal	18	1.59	-	45.74	31.14	6.62	29.36
PK	7.38318G	53.60	74.00	-20.40	13.31	3	Horizontal	55	2.31	-	40.29	36.13	7.60	30.42

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2422MHz_TX

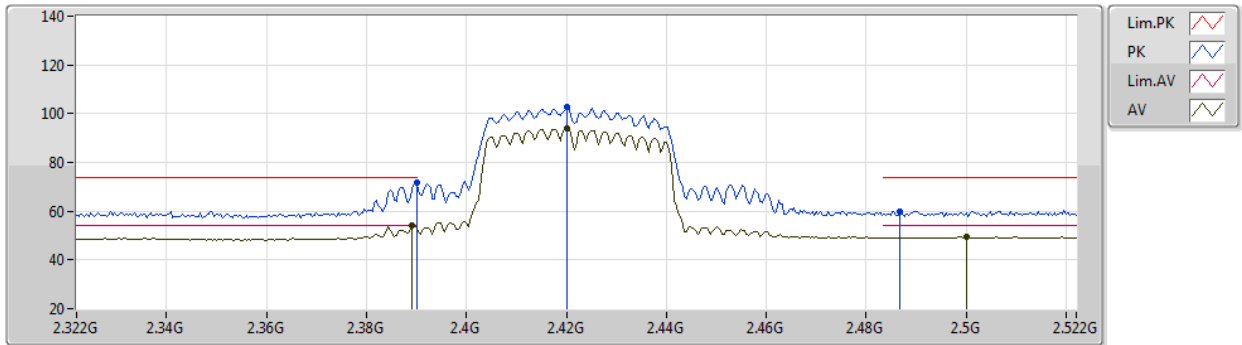


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.64	54.00	-4.36	31.91	3	Vertical	133	1.48	-	17.73	27.62	4.29	-
AV	2.4204G	84.94	Inf	-Inf	31.88	3	Vertical	133	1.48	-	53.06	27.56	4.32	-
AV	2.4856G	49.27	54.00	-4.73	31.82	3	Vertical	133	1.48	-	17.45	27.43	4.39	-
PK	2.39G	62.41	74.00	-11.59	31.91	3	Vertical	133	1.48	-	30.50	27.62	4.29	-
PK	2.4204G	92.19	Inf	-Inf	31.88	3	Vertical	133	1.48	-	60.31	27.56	4.32	-
PK	2.4864G	59.74	74.00	-14.26	31.82	3	Vertical	133	1.48	-	27.92	27.43	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2422MHz_TX

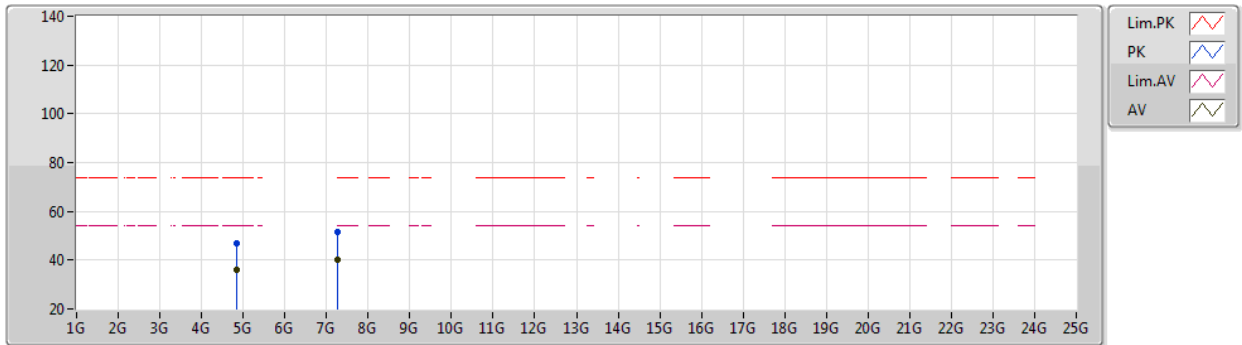


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.89	54.00	-0.11	31.91	3	Horizontal	312	1.79	-	21.98	27.62	4.29	-
AV	2.42G	93.87	Inf	-Inf	31.88	3	Horizontal	312	1.79	-	61.99	27.56	4.32	-
AV	2.5G	49.51	54.00	-4.49	31.80	3	Horizontal	312	1.79	-	17.71	27.40	4.40	-
PK	2.39G	71.69	74.00	-2.31	31.91	3	Horizontal	312	1.79	-	39.78	27.62	4.29	-
PK	2.42G	102.66	Inf	-Inf	31.88	3	Horizontal	312	1.79	-	70.78	27.56	4.32	-
PK	2.4868G	59.89	74.00	-14.11	31.82	3	Horizontal	312	1.79	-	28.07	27.43	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2422MHz_TX

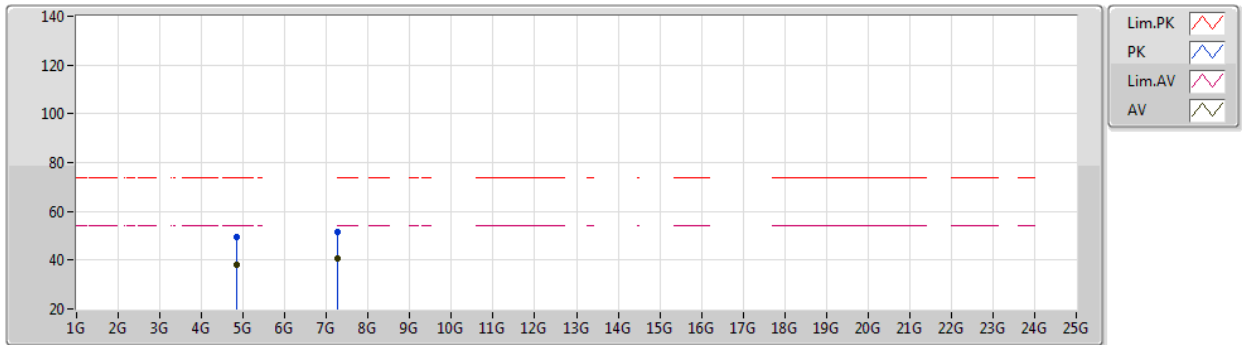


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8509G	35.96	54.00	-18.04	8.26	3	Vertical	224	1.47	-	27.70	31.10	6.55	29.39
AV	7.2685G	40.27	54.00	-13.73	13.58	3	Vertical	56	1.50	-	26.69	36.30	7.60	30.32
PK	4.846G	47.11	74.00	-26.89	8.26	3	Vertical	224	1.47	-	38.85	31.10	6.55	29.39
PK	7.2778G	51.70	74.00	-22.30	13.57	3	Vertical	56	1.50	-	38.13	36.30	7.60	30.33

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2422MHz_TX

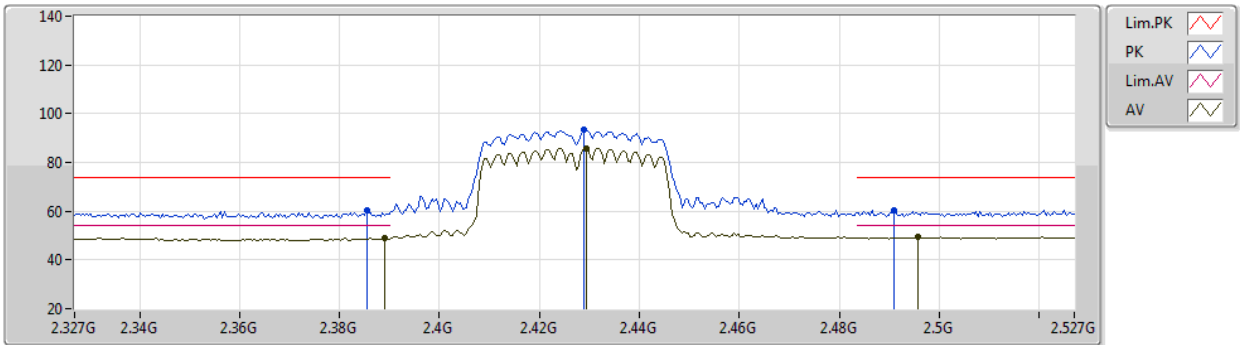


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8432G	38.01	54.00	-15.99	8.25	3	Horizontal	179	1.63	-	29.76	31.10	6.54	29.39
AV	7.2592G	40.88	54.00	-13.12	13.59	3	Horizontal	81	1.30	-	27.29	36.30	7.60	30.31
PK	4.8434G	49.26	74.00	-24.74	8.25	3	Horizontal	179	1.63	-	41.01	31.10	6.54	29.39
PK	7.2664G	51.65	74.00	-22.35	13.58	3	Horizontal	81	1.30	-	38.07	36.30	7.60	30.32

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2427MHz_TX

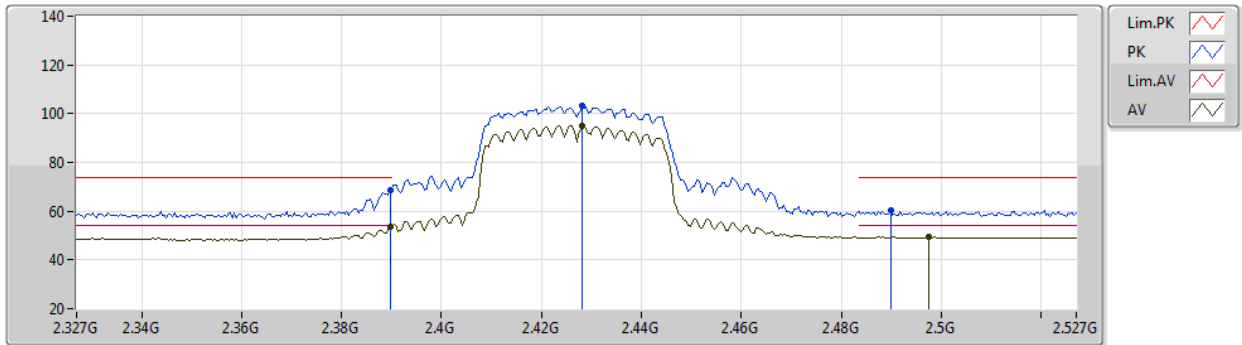


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	49.16	54.00	-4.84	31.91	3	Vertical	134	1.49	-	17.25	27.62	4.29	-
AV	2.4294G	85.90	Inf	-Inf	31.87	3	Vertical	134	1.49	-	54.03	27.54	4.33	-
AV	2.4958G	49.27	54.00	-4.73	31.81	3	Vertical	134	1.49	-	17.46	27.41	4.40	-
PK	2.3854G	60.51	74.00	-13.49	31.92	3	Vertical	134	1.49	-	28.59	27.63	4.29	-
PK	2.429G	93.21	Inf	-Inf	31.87	3	Vertical	134	1.49	-	61.34	27.54	4.33	-
PK	2.491G	60.25	74.00	-13.75	31.81	3	Vertical	134	1.49	-	28.44	27.42	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2427MHz_TX

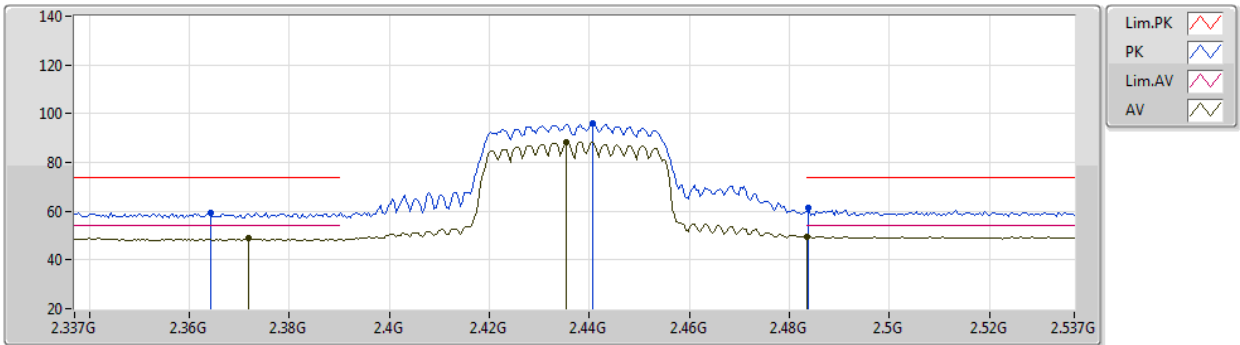


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.46	54.00	-0.54	31.91	3	Horizontal	167	1.09	-	21.55	27.62	4.29	-
AV	2.4282G	95.24	Inf	-Inf	31.87	3	Horizontal	167	1.09	-	63.37	27.54	4.33	-
AV	2.4974G	49.52	54.00	-4.48	31.81	3	Horizontal	167	1.09	-	17.71	27.41	4.40	-
PK	2.3898G	68.54	74.00	-5.46	31.91	3	Horizontal	167	1.09	-	36.63	27.62	4.29	-
PK	2.4282G	103.16	Inf	-Inf	31.87	3	Horizontal	167	1.09	-	71.29	27.54	4.33	-
PK	2.4898G	60.25	74.00	-13.75	31.81	3	Horizontal	167	1.09	-	28.44	27.42	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

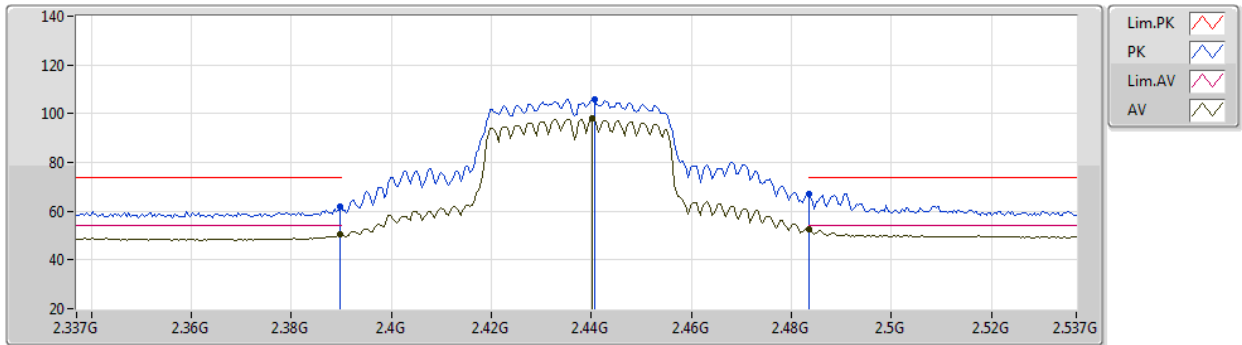


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3718G	48.84	54.00	-5.16	31.93	3	Vertical	134	1.47	-	16.91	27.66	4.27	-
AV	2.4354G	88.19	Inf	-Inf	31.87	3	Vertical	134	1.47	-	56.32	27.53	4.34	-
AV	2.4835G	49.51	54.00	-4.49	31.81	3	Vertical	134	1.47	-	17.70	27.43	4.38	-
PK	2.3642G	59.48	74.00	-14.52	31.93	3	Vertical	134	1.47	-	27.55	27.67	4.26	-
PK	2.4406G	95.96	Inf	-Inf	31.86	3	Vertical	134	1.47	-	64.10	27.52	4.34	-
PK	2.4838G	61.26	74.00	-12.74	31.81	3	Vertical	134	1.47	-	29.45	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

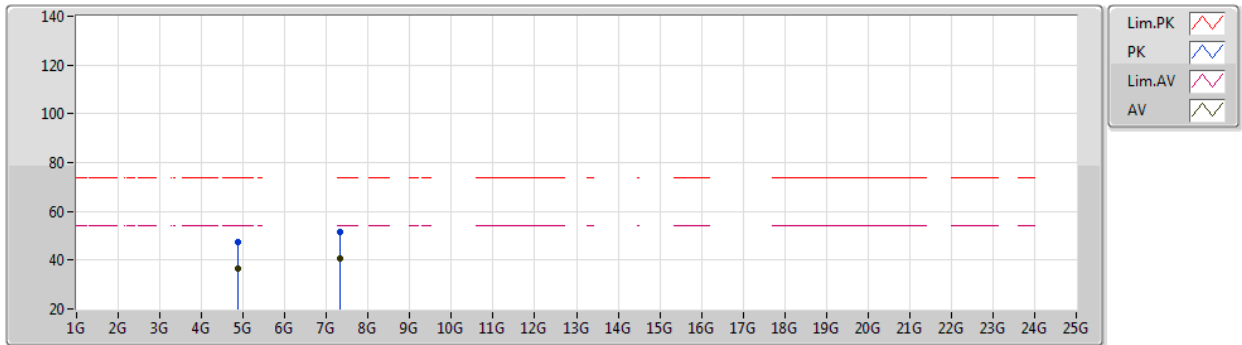


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.51	54.00	-3.49	31.91	3	Horizontal	68	1.93	-	18.60	27.62	4.29	-
AV	2.4402G	97.90	Inf	-Inf	31.86	3	Horizontal	68	1.93	-	66.04	27.52	4.34	-
AV	2.4835G	52.61	54.00	-1.39	31.81	3	Horizontal	68	1.93	-	20.80	27.43	4.38	-
PK	2.3898G	61.76	74.00	-12.24	31.91	3	Horizontal	68	1.93	-	29.85	27.62	4.29	-
PK	2.4406G	105.91	Inf	-Inf	31.86	3	Horizontal	68	1.93	-	74.05	27.52	4.34	-
PK	2.4835G	66.92	74.00	-7.08	31.81	3	Horizontal	68	1.93	-	35.11	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

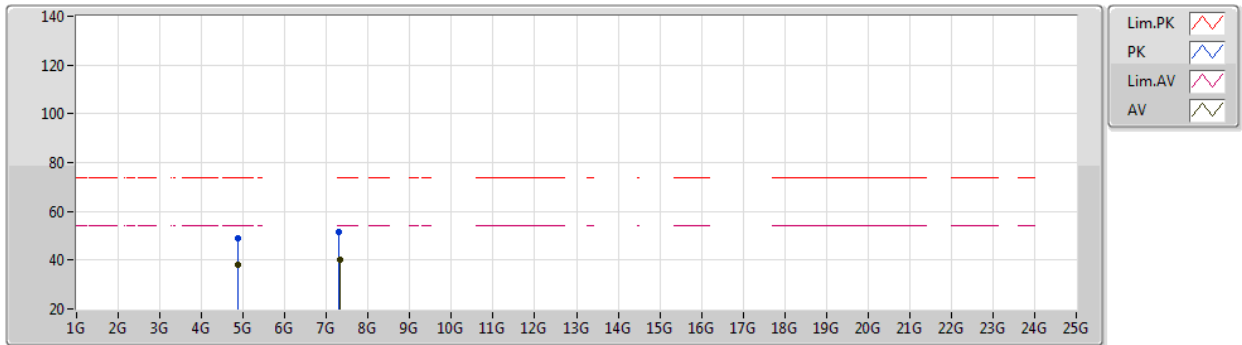


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8737G	36.77	54.00	-17.23	8.29	3	Vertical	220	1.50	-	28.48	31.10	6.57	29.38
AV	7.316G	40.48	54.00	-13.52	13.57	3	Vertical	346	1.65	-	26.91	36.33	7.60	30.36
PK	4.8737G	47.24	74.00	-26.76	8.29	3	Vertical	220	1.50	-	38.95	31.10	6.57	29.38
PK	7.3203G	51.41	74.00	-22.59	13.57	3	Vertical	346	1.65	-	37.84	36.34	7.60	30.37

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2437MHz_TX

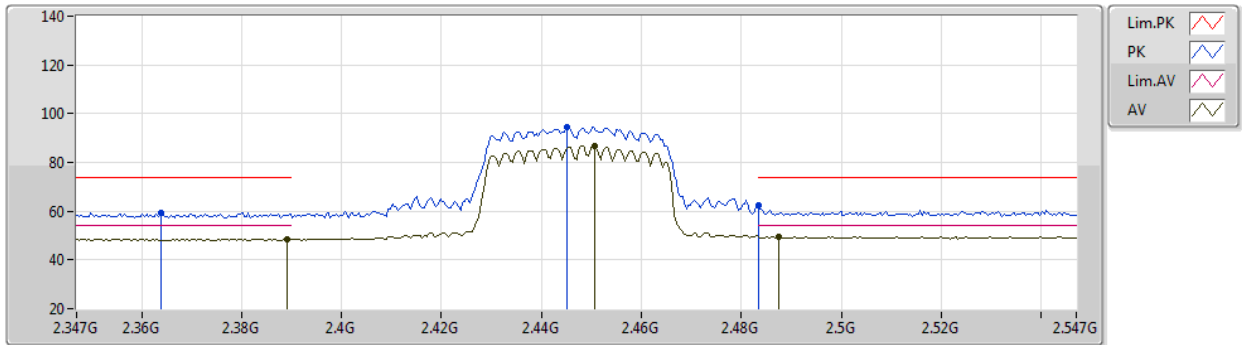


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8735G	38.35	54.00	-15.65	8.29	3	Horizontal	21	1.71	-	30.06	31.10	6.57	29.38
AV	7.3319G	40.23	54.00	-13.77	13.58	3	Horizontal	36	2.21	-	26.65	36.36	7.60	30.38
PK	4.8738G	48.72	74.00	-25.28	8.29	3	Horizontal	21	1.71	-	40.43	31.10	6.57	29.38
PK	7.3094G	51.56	74.00	-22.44	13.56	3	Horizontal	36	2.21	-	38.00	36.32	7.60	30.36

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2447MHz_TX

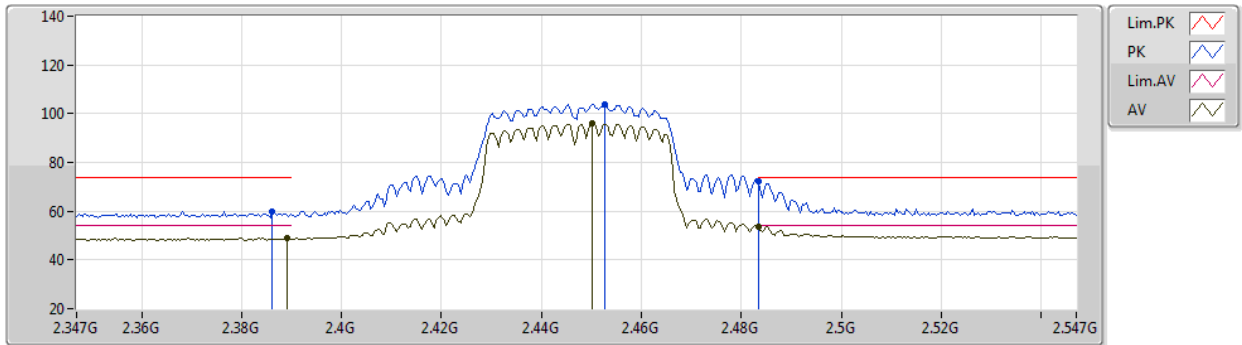


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.67	54.00	-5.33	31.91	3	Vertical	100	1.22	-	16.76	27.62	4.29	-
AV	2.4506G	86.81	Inf	-Inf	31.85	3	Vertical	100	1.22	-	54.96	27.50	4.35	-
AV	2.4874G	49.52	54.00	-4.48	31.82	3	Vertical	100	1.22	-	17.70	27.43	4.39	-
PK	2.3638G	59.47	74.00	-14.53	31.93	3	Vertical	100	1.22	-	27.54	27.67	4.26	-
PK	2.445G	94.37	Inf	-Inf	31.85	3	Vertical	100	1.22	-	62.52	27.51	4.34	-
PK	2.4835G	62.56	74.00	-11.44	31.81	3	Vertical	100	1.22	-	30.75	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2447MHz_TX

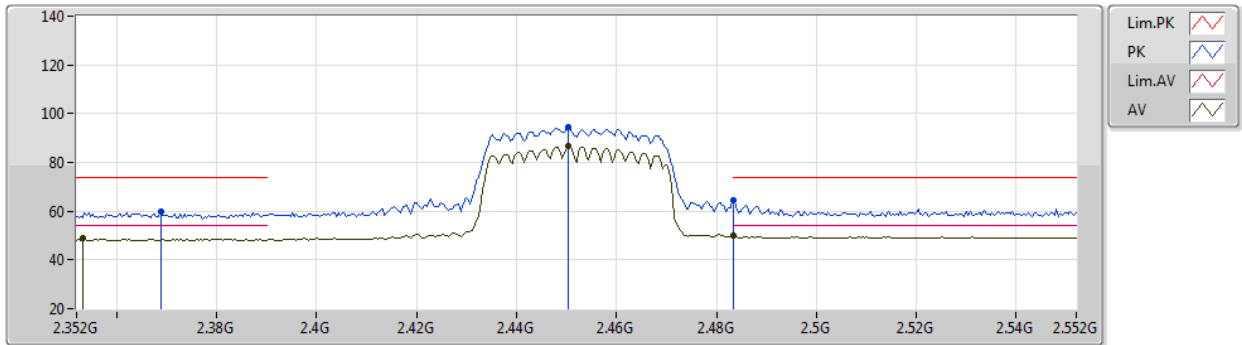


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	49.16	54.00	-4.84	31.91	3	Horizontal	70	1.97	-	17.25	27.62	4.29	-
AV	2.4502G	96.00	Inf	-Inf	31.85	3	Horizontal	70	1.97	-	64.15	27.50	4.35	-
AV	2.4835G	53.59	54.00	-0.41	31.81	3	Horizontal	70	1.97	-	21.78	27.43	4.38	-
PK	2.3862G	59.91	74.00	-14.09	31.92	3	Horizontal	70	1.97	-	27.99	27.63	4.29	-
PK	2.4526G	103.82	Inf	-Inf	31.84	3	Horizontal	70	1.97	-	71.98	27.49	4.35	-
PK	2.4835G	72.25	74.00	-1.75	31.81	3	Horizontal	70	1.97	-	40.44	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2452MHz_TX

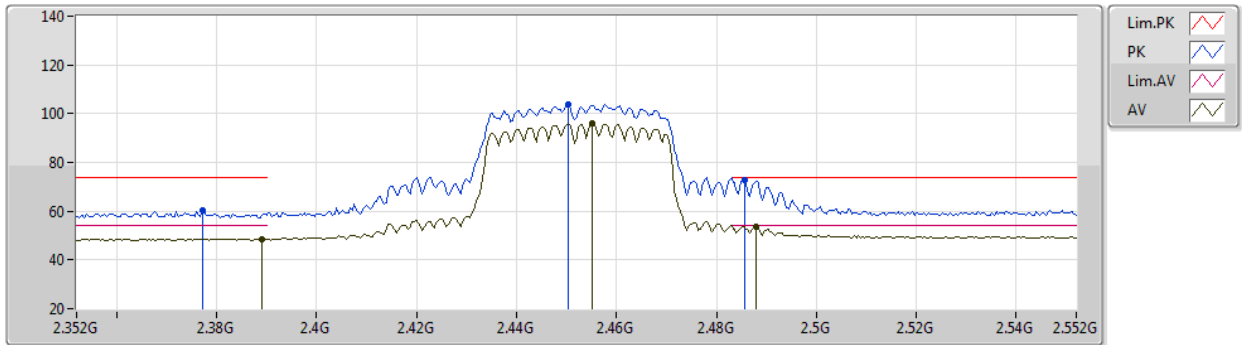


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3532G	48.86	54.00	-5.14	31.94	3	Vertical	101	1.23	-	16.92	27.69	4.25	-
AV	2.4504G	86.61	Inf	-Inf	31.85	3	Vertical	101	1.23	-	54.76	27.50	4.35	-
AV	2.4835G	49.75	54.00	-4.25	31.81	3	Vertical	101	1.23	-	17.94	27.43	4.38	-
PK	2.3688G	59.92	74.00	-14.08	31.93	3	Vertical	101	1.23	-	27.99	27.66	4.27	-
PK	2.4504G	94.41	Inf	-Inf	31.85	3	Vertical	101	1.23	-	62.56	27.50	4.35	-
PK	2.4835G	64.52	74.00	-9.48	31.81	3	Vertical	101	1.23	-	32.71	27.43	4.38	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2452MHz_TX

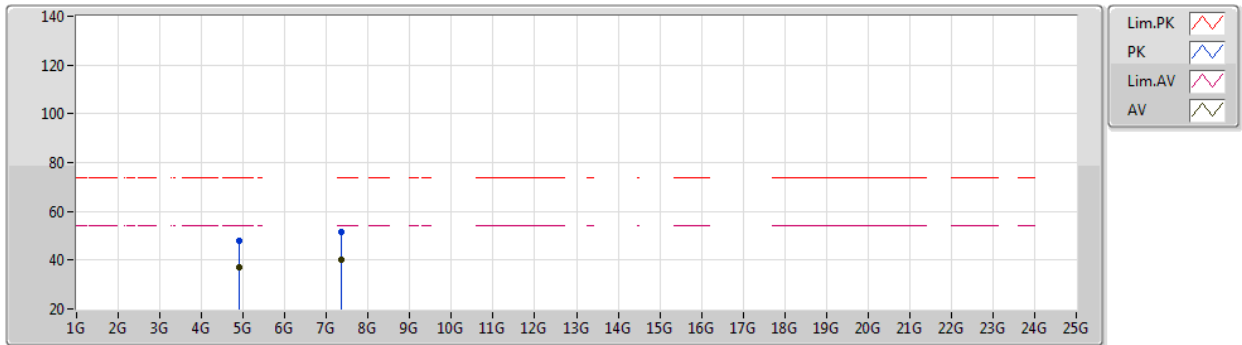


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	48.67	54.00	-5.33	31.91	3	Horizontal	71	1.98	-	16.76	27.62	4.29	-
AV	2.4552G	95.88	Inf	-Inf	31.85	3	Horizontal	71	1.98	-	64.03	27.49	4.36	-
AV	2.488G	53.60	54.00	-0.40	31.81	3	Horizontal	71	1.98	-	21.79	27.42	4.39	-
PK	2.3772G	60.22	74.00	-13.78	31.93	3	Horizontal	71	1.98	-	28.29	27.65	4.28	-
PK	2.4504G	103.85	Inf	-Inf	31.85	3	Horizontal	71	1.98	-	72.00	27.50	4.35	-
PK	2.4856G	72.86	74.00	-1.14	31.82	3	Horizontal	71	1.98	-	41.04	27.43	4.39	-

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

2452MHz_TX

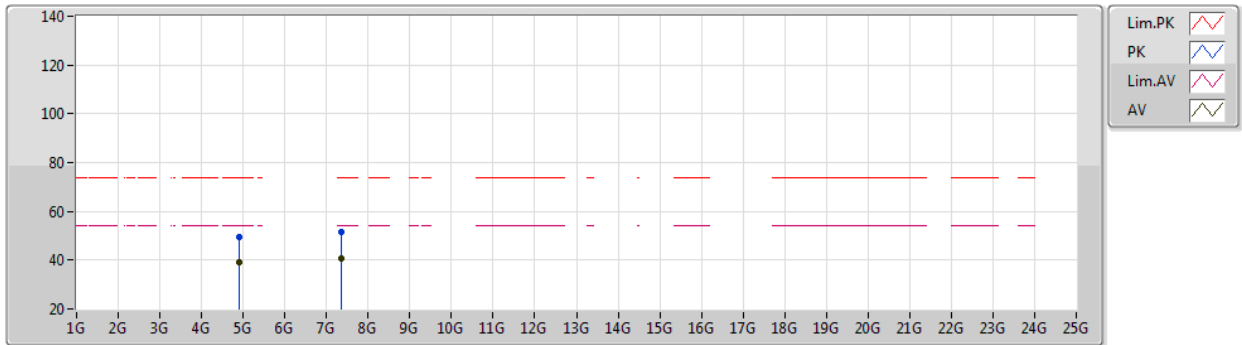


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9037G	36.99	54.00	-17.01	8.35	3	Vertical	220	1.49	-	28.64	31.11	6.60	29.36
AV	7.3413G	40.38	54.00	-13.62	13.60	3	Vertical	306	1.98	-	26.78	36.38	7.60	30.38
PK	4.893G	47.82	74.00	-26.18	8.32	3	Vertical	220	1.49	-	39.50	31.10	6.59	29.37
PK	7.3474G	51.47	74.00	-22.53	13.60	3	Vertical	306	1.98	-	37.87	36.39	7.60	30.39

802.11n HT40_Nss1,(MCS0)_2TX

07/08/2020

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	4.9037G	38.91	54.00	-15.09	8.35	3	Horizontal	209	1.60	-	30.56	31.11	6.60	29.36
AV	7.3566G	40.83	54.00	-13.17	13.55	3	Horizontal	186	1.59	-	27.28	36.35	7.60	30.40
PK	4.9044G	49.40	74.00	-24.60	8.35	3	Horizontal	209	1.60	-	41.05	31.11	6.60	29.36
PK	7.3444G	51.43	74.00	-22.57	13.60	3	Horizontal	186	1.59	-	37.83	36.39	7.60	30.39



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	191.02M	40.22	43.50	-3.28	3	Horizontal	360	1.00	-

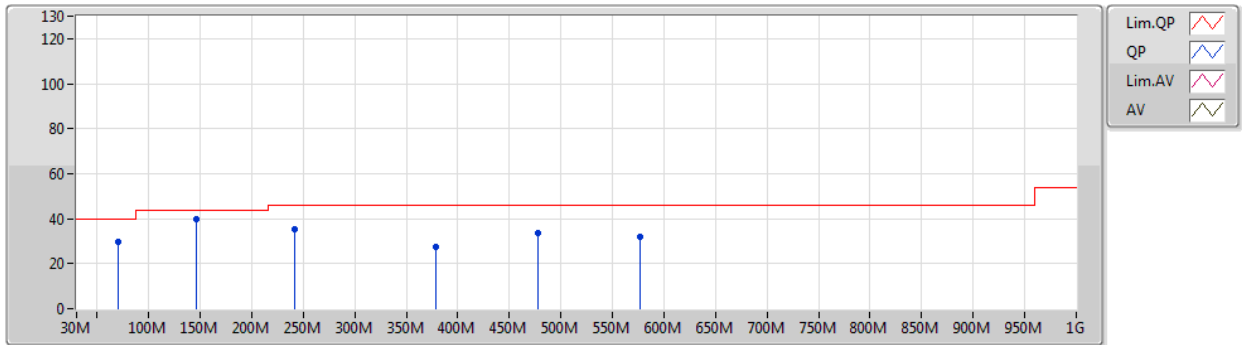
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	70.74M	29.92	40.00	-10.08	3	Vertical	0	1.00	-
2437MHz	Pass	PK	146.4M	39.81	43.50	-3.69	3	Vertical	0	1.00	-
2437MHz	Pass	PK	241.46M	35.10	46.00	-10.90	3	Vertical	0	1.00	-
2437MHz	Pass	PK	379.2M	27.66	46.00	-18.34	3	Vertical	0	1.00	-
2437MHz	Pass	PK	478.14M	33.77	46.00	-12.23	3	Vertical	0	1.00	-
2437MHz	Pass	PK	577.08M	31.76	46.00	-14.24	3	Vertical	0	1.00	-
2437MHz	Pass	PK	68.8M	35.24	40.00	-4.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	191.02M	40.22	43.50	-3.28	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	336.52M	32.90	46.00	-13.10	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	441.28M	33.80	46.00	-12.20	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	480.08M	39.27	46.00	-6.73	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	148.34M	37.78	43.50	-5.72	3	Horizontal	170	2.45	-

802.11n HT40_Nss1,(MCS0)_2RX

02/09/2020

2437MHz_Test Fixture

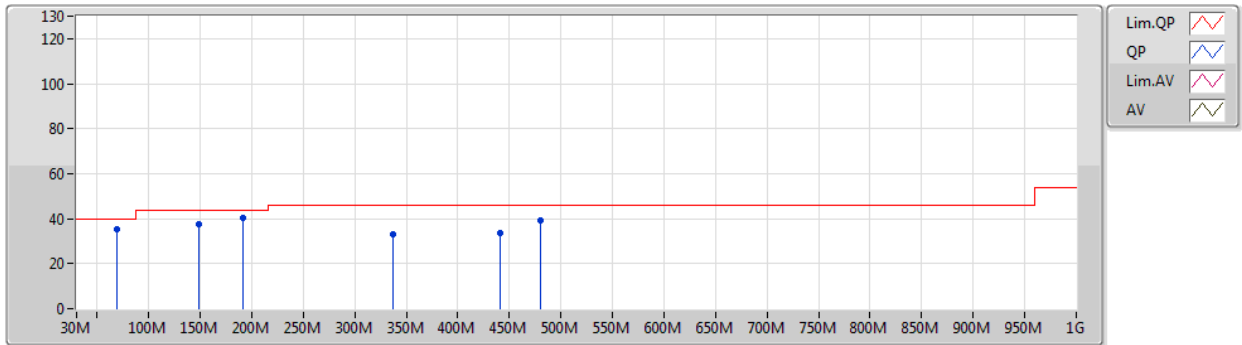


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	70.74M	29.92	40.00	-10.08	-14.95	3	Vertical	0	1.00	-	44.87	11.19	1.31	27.45
PK	146.4M	39.81	43.50	-3.69	-9.77	3	Vertical	0	1.00	-	49.58	15.50	1.93	27.20
PK	241.46M	35.10	46.00	-10.90	-7.63	3	Vertical	0	1.00	-	42.73	16.57	2.55	26.75
PK	379.2M	27.66	46.00	-18.34	-3.70	3	Vertical	0	1.00	-	31.36	20.20	3.22	27.12
PK	478.14M	33.77	46.00	-12.23	-1.71	3	Vertical	0	1.00	-	35.48	22.47	3.57	27.75
PK	577.08M	31.76	46.00	-14.24	-0.38	3	Vertical	0	1.00	-	32.14	23.62	4.01	28.01

802.11n HT40_Nss1,(MCS0)_2RX

02/09/2020

2437MHz_Test Fixture



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	68.8M	35.24	40.00	-4.76	-14.82	3	Horizontal	360	1.00	-	50.06	11.33	1.30	27.45
PK	191.02M	40.22	43.50	-3.28	-10.71	3	Horizontal	360	1.00	-	50.93	13.99	2.26	26.96
PK	336.52M	32.90	46.00	-13.10	-4.79	3	Horizontal	360	1.00	-	37.69	19.02	3.05	26.86
PK	441.28M	33.80	46.00	-12.20	-2.34	3	Horizontal	360	1.00	-	36.14	21.89	3.38	27.61
PK	480.08M	39.27	46.00	-6.73	-1.72	3	Horizontal	360	1.00	-	40.99	22.45	3.58	27.75
QP	148.34M	37.78	43.50	-5.72	-9.77	3	Horizontal	170	2.45	-	47.55	15.48	1.94	27.19



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	AV	4.952G	34.36	54.00	-19.64	3	Horizontal	360	1.00	-

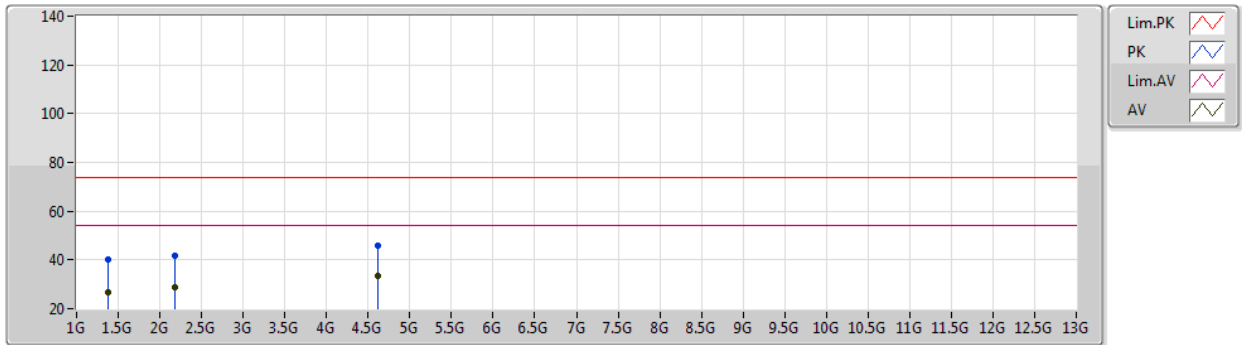
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	AV	1.376G	26.90	54.00	-27.10	3	Vertical	0	1.00	-
2437MHz	Pass	AV	2.176G	28.64	54.00	-25.36	3	Vertical	0	1.00	-
2437MHz	Pass	AV	4.624G	33.25	54.00	-20.75	3	Vertical	0	1.00	-
2437MHz	Pass	PK	1.376G	40.38	74.00	-33.62	3	Vertical	0	1.00	-
2437MHz	Pass	PK	2.176G	41.52	74.00	-32.48	3	Vertical	0	1.00	-
2437MHz	Pass	PK	4.624G	45.65	74.00	-28.35	3	Vertical	0	1.00	-
2437MHz	Pass	AV	1.592G	26.35	54.00	-27.65	3	Horizontal	360	1.00	-
2437MHz	Pass	AV	3.192G	30.06	54.00	-23.94	3	Horizontal	360	1.00	-
2437MHz	Pass	AV	4.952G	34.36	54.00	-19.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	1.592G	40.08	74.00	-33.92	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	3.192G	43.13	74.00	-30.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	4.952G	47.60	74.00	-26.40	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2RX

08/08/2020

2437MHz_RX

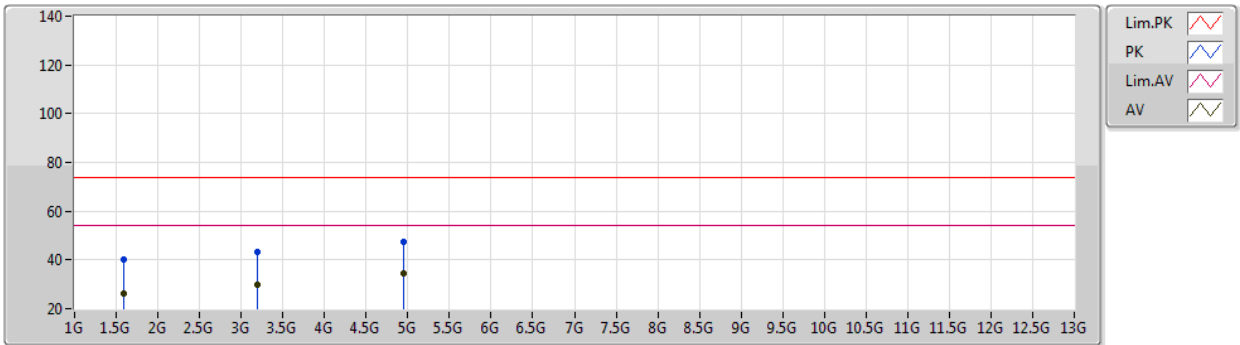


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.376G	26.90	54.00	-27.10	-2.42	3	Vertical	0	1.00	-	29.32	26.10	3.16	31.68
AV	2.176G	28.64	54.00	-25.36	1.85	3	Vertical	0	1.00	-	26.79	28.11	4.08	30.34
AV	4.624G	33.25	54.00	-20.75	7.72	3	Vertical	0	1.00	-	25.53	30.80	6.41	29.49
PK	1.376G	40.38	74.00	-33.62	-2.42	3	Vertical	0	1.00	-	42.80	26.10	3.16	31.68
PK	2.176G	41.52	74.00	-32.48	1.85	3	Vertical	0	1.00	-	39.67	28.11	4.08	30.34
PK	4.624G	45.65	74.00	-28.35	7.72	3	Vertical	0	1.00	-	37.93	30.80	6.41	29.49

802.11n HT40_Nss1,(MCS0)_2RX

08/08/2020

2437MHz_RX



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	1.592G	26.35	54.00	-27.65	-2.28	3	Horizontal	360	1.00	-	28.63	25.33	3.39	31.00
AV	3.192G	30.06	54.00	-23.94	4.28	3	Horizontal	360	1.00	-	25.78	29.00	5.19	29.91
AV	4.952G	34.36	54.00	-19.64	8.51	3	Horizontal	360	1.00	-	25.85	31.20	6.65	29.34
PK	1.592G	40.08	74.00	-33.92	-2.28	3	Horizontal	360	1.00	-	42.36	25.33	3.39	31.00
PK	3.192G	43.13	74.00	-30.87	4.28	3	Horizontal	360	1.00	-	38.85	29.00	5.19	29.91
PK	4.952G	47.60	74.00	-26.40	8.51	3	Horizontal	360	1.00	-	39.09	31.20	6.65	29.34



Exposure Environment: General Population / Uncontrolled Exposure

For WLAN 2.4G

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)
2.4G;G1D	2.25	21.55	23.80	0.50	24.30	0.26915	20	0.05355	1.00000
2.4G;D1D	2.25	22.30	24.55	0.50	25.05	0.31989	20	0.06364	1.00000