

FCC Test Report

FCC ID : 2AKWYXBP301
Equipment : Digital Transmission System
Brand Name : DynaScan Technology Corp.
Model Name : XBP301
Applicant/
Manufacturer : DYNASCAN TECHNOLOGY CORP.
7F, 66 Huaya 1st Road, Guishan
Taoyuan 33383,Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Feb. 28, 2020, and testing was started from Apr. 14, 2020 and completed on Apr. 22, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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.)



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History of this test report

Report No.	Version	Description	Issued Date
FR9N1207-01AC	01	Initial issue of report	Jun. 02, 2020



Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

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

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Switching Power Supply			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming
Type of EUT				
☐	Stand-alone			
☒	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		1. DynaScan / 66052 2. DynaScan / 66901	
☐	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

Host 1

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

Host 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq \frac{1}{T}$
802.11b_Nss1,(1Mbps)_2TX	0.992	0.03	12.42m	10
802.11g_Nss1,(6Mbps)_2TX	0.955	0.2	2.067m	1k
802.11n HT20_Nss1,(MCS0)_2TX	0.947	0.24	1.922m	1k
802.11n HT40_Nss1,(MCS0)_2TX	0.883	0.54	946.875u	3k

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

1.1.5 Table for Multiple Listing

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

Host	Brand Name	Model Name	Description
1	DynaScan	66502	The difference is the Model 66502 is a 65-inch TV and the Model 66901 is an 86-inch TV.
2		66901	

1.2 Testing Applied Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ 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
Test site Designation No. TW1190 with FCC.			
☐	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
Test site Designation No. TW0006 with FCC.			
☐	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 site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction (Host 1)	CO01-HY	Jeff	22.4~25.3°C / 51~64%	16/Apr/2020
AC Conduction (Host 2)	CO04-HY	Jeff	21.2~23°C / 57~61%	21/Apr/2020
RF Conducted (Host 1)	TH06-HY	Edward	22.3~24.2°C/ 54~60%	15/Apr/2020
RF Conducted (Host 2)	TH01-HY	Raven	22.4~24.6°C/ 54~68%	21/Apr/2020~ 22/Apr/2020
Radiated (Host 1)	03CH03-HY	Tzu Yun	20.5~26.7°C / 49~61%	14/Apr/2020~ 17/Apr/2020
Radiated (Host 2)	03CH03-HY	Tzu Yun	21.6~27.7°C / 49~58%	20/Apr/2020~ 21/Apr/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	120V

2.2 Test Channel Mode

Test Software	Dos
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Host 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	63,63
2437MHz	63,63
2462MHz	63,63
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	59,59
2437MHz	63,63
2462MHz	63,63
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	61,61
2417MHz	63,63
2437MHz	63,63
2457MHz	63,63
2462MHz	61,61
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	57,57
2427MHz	58,58
2437MHz	60,60
2447MHz	58,58
2452MHz	57,57

**Host 2**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	63,63
2437MHz	58,58
2462MHz	63,63
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	52,52
2417MHz	58,58
2437MHz	63,63
2457MHz	63,63
2462MHz	55,55
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	51,51
2417MHz	59,59
2437MHz	63,63
2457MHz	63,63
2462MHz	55,55
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	50,50
2427MHz	50,50
2437MHz	53,53
2447MHz	52,52
2452MHz	52,52

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Switching Power Supply Mode; Host 1
2	Switching Power Supply Mode; Host 2

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

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



2.4 Accessories

Accessories				
Remote Control	Brand Name	DynaScan	Model Name	JX-9060

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

2.5 Support Equipment

Support Equipment – AC Conduction / Radiated (Host 1)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Host	DynaScan	66502	-	Note 1

Note 1: No.1 was provided by customer.

Support Equipment – AC Conduction / Radiated (Host 2)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Host	DynaScan	66901	-	Note 1

Note 1: No.1 was provided by customer.

Support Equipment – Conducted (Host 1)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	DoC	-
2	Adapter for NB	DELL	HA65NM130	DoC	-
3	Host	DynaScan	66502	-	Note 1

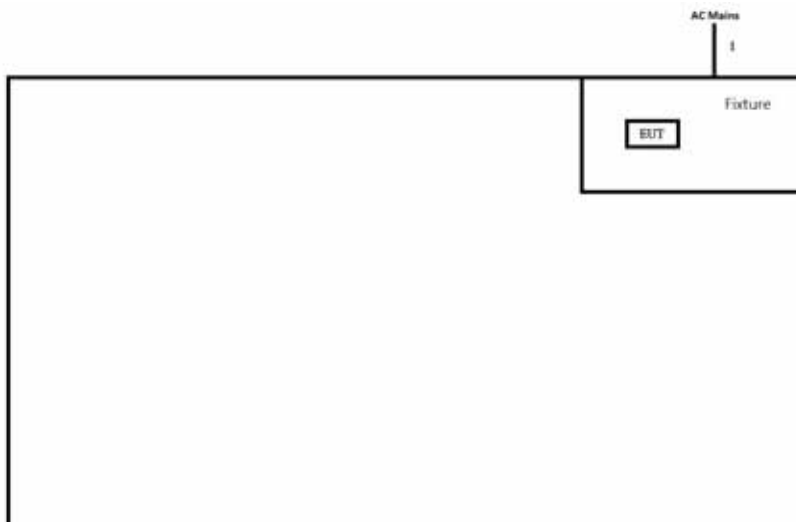
Note 1: No.3 was provided by customer.

Support Equipment – Conducted (Host 2)					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	DoC	-
2	Adapter for NB	DELL	HA65NM130	DoC	-
3	Host	DynaScan	66901	-	Note 1

Note 1: No.3 was provided by customer.

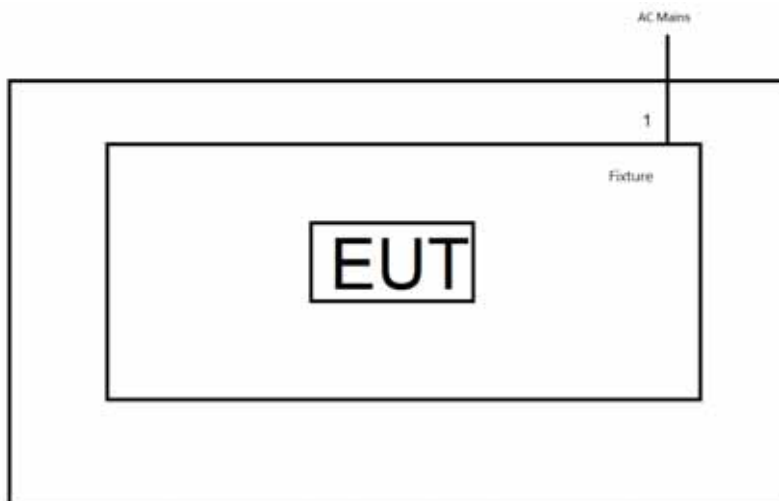
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

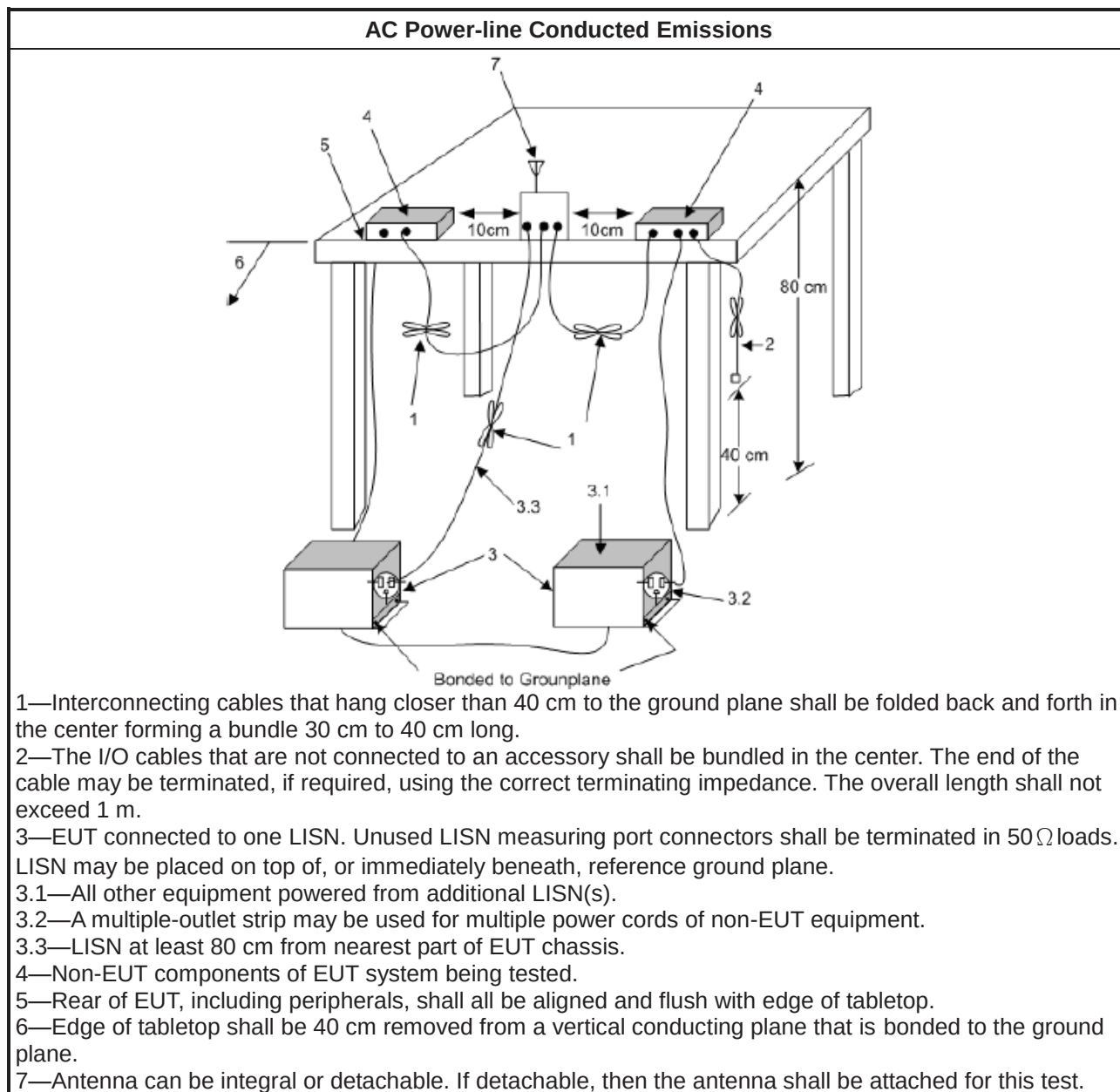
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 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.

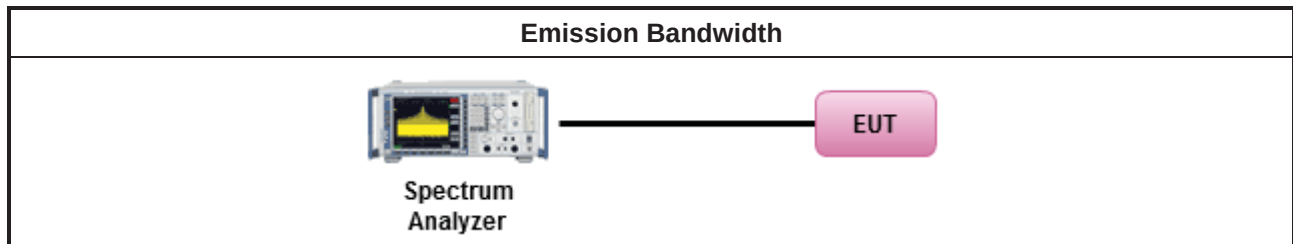
3.2.2 Measuring Instruments

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.		

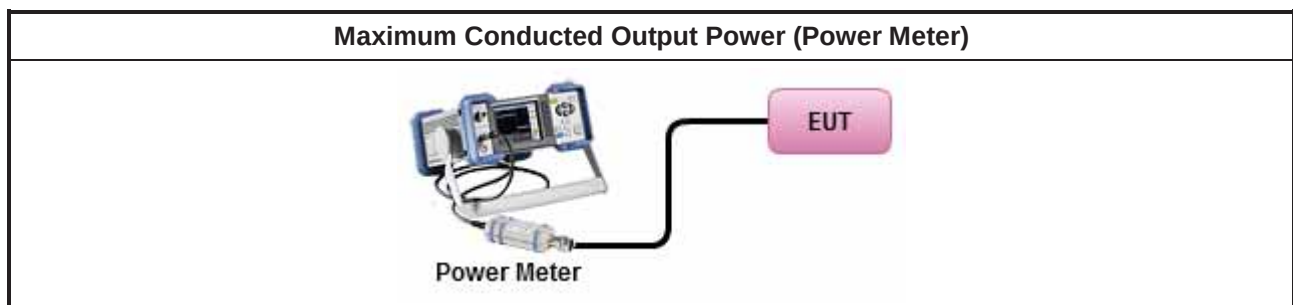
3.3.2 Measuring Instruments

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) ≤ 8 dBm/3kHz

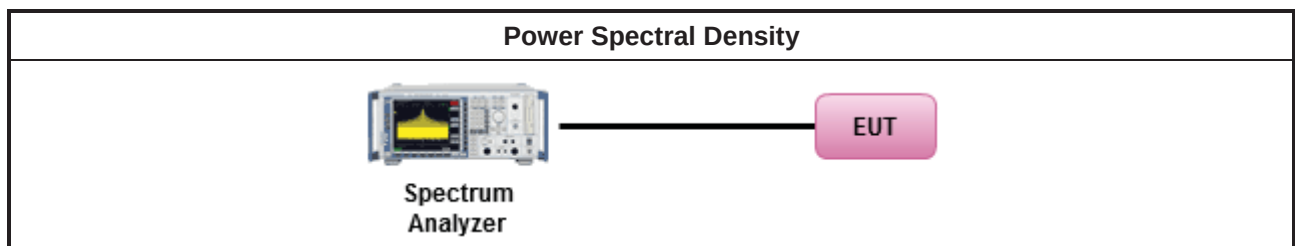
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

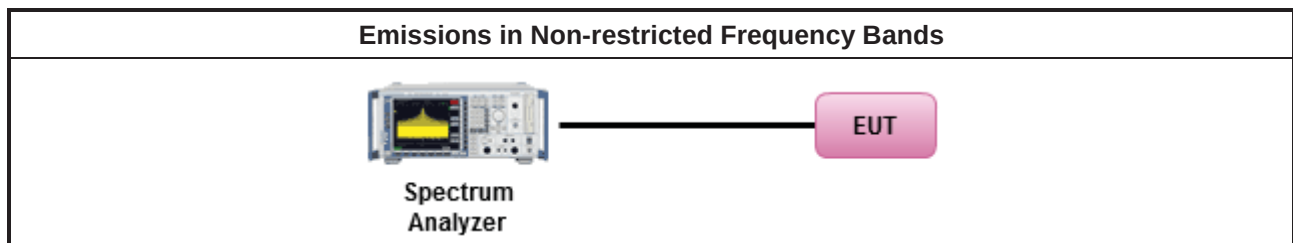
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

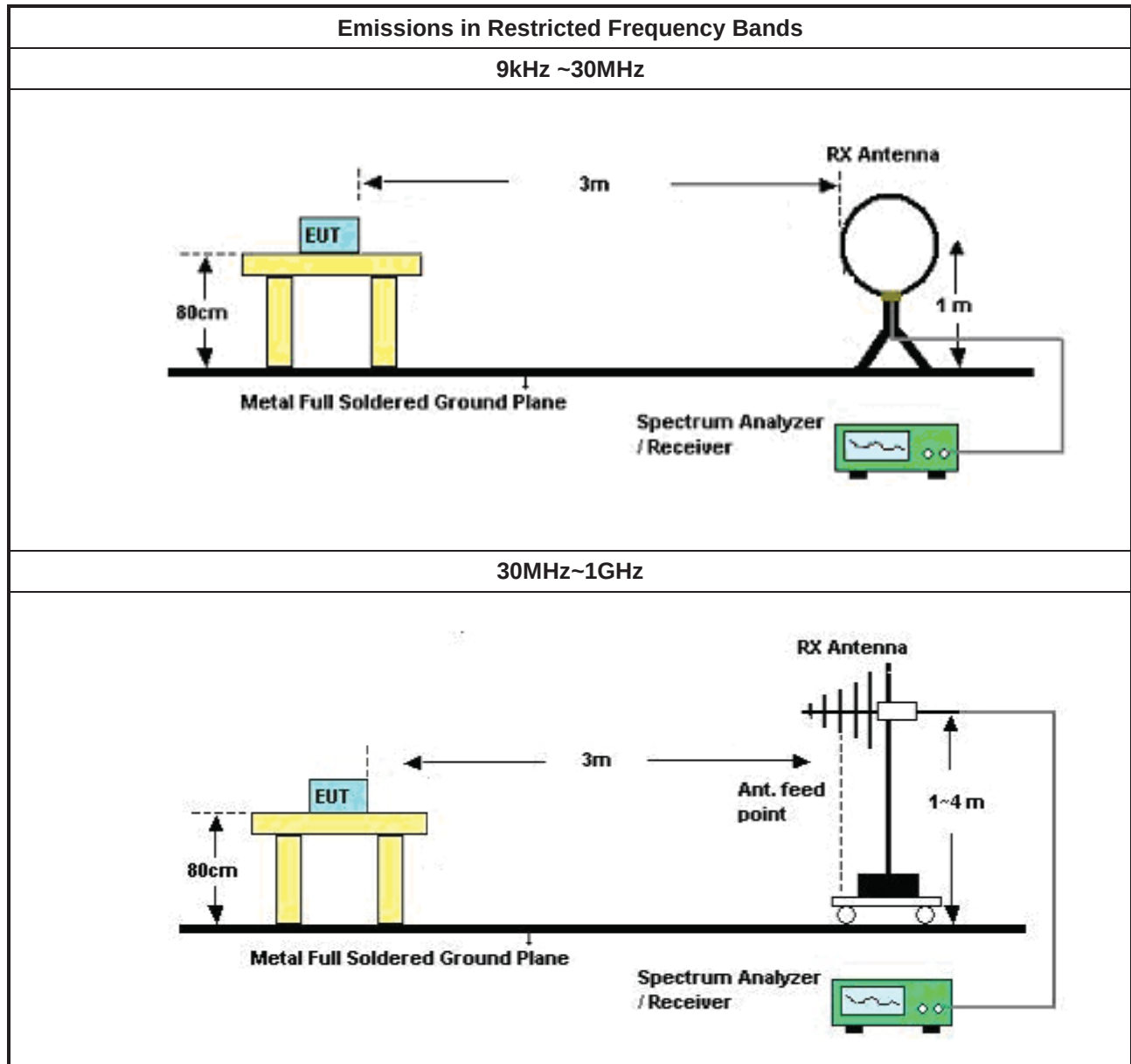
3.6.2 Measuring Instruments

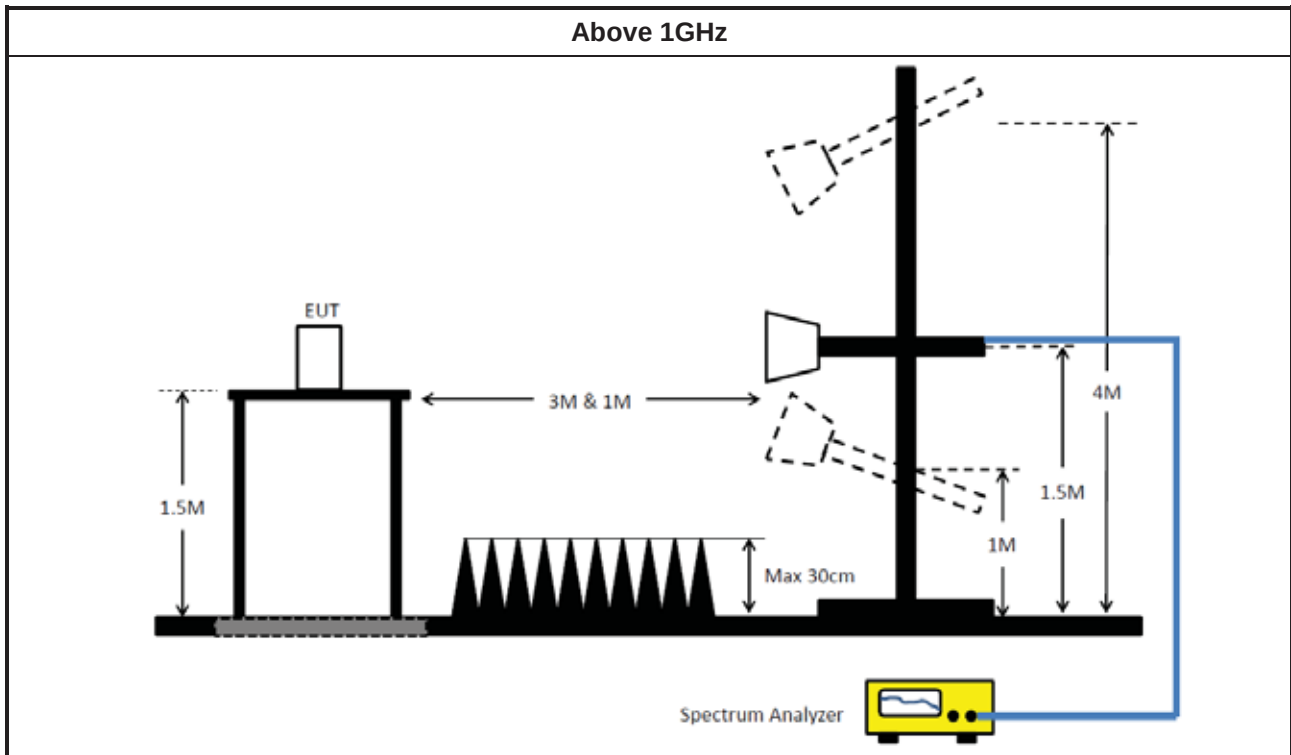
Refer a test equipment and calibration data table in this test report.

**3.6.3 Test Procedures**

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

3.6.4 Test Setup





3.6.5 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.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction (Host 1)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	28/May/2019	27/May/2020
LISN	R&S	ENV216	101274	9kHz ~ 30MHz	03/Jun/2019	02/Jun/2020
RF Cable-CON	MTJ	RG142	CB001-CO	9kHz ~ 1GHz	09/Sep/2019	08/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz ~ 63Hz 5 ~ 300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9495	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for AC Conduction (Host 2)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	28/May/2019	27/May/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	04/Nov/2019	05/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz ~ 63Hz 5 ~ 300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test (Host 1)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	10/Nov/2020

**Instrument for Conducted Test (Host 2)**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz ~ 40GHz	19/Mar/2020	18/Mar/2021
Pulse Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test (Host 1)

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	30/Aug/2019	29/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	22/Apr/2019	21/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112D / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	28/Feb/2020	27/Feb/2021
Signal Analyzer	R&S	FSP40	100305	9 kHz ~ 40 GHz	10/Jun/2019	09/Jun/2020
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 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
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2020	08/Apr/2021
Loop Antenna	TESEQ	HLA 6120	31244	9k ~ 30MHz	16/Mar/2020	15/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	13/Mar/2020	12/Mar/ 2021

**Instrument for Radiated Test (Host 2)**

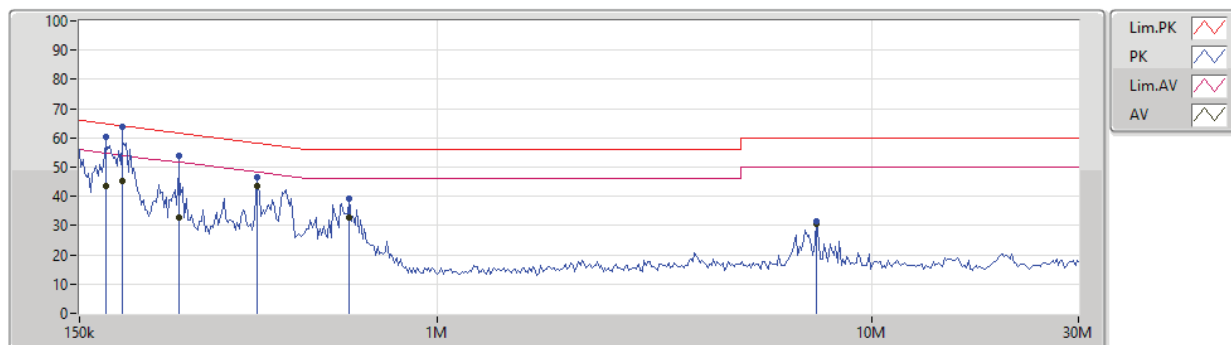
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/ Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	14/Apr/2020	13/Apr/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112D / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	28/Feb/2020	27/Feb/2021
Signal Analyzer	R&S	FSP40	100305	9kHz ~ 40GHz	10/Jun/2019	09/Jun/2020
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 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
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2020	08/Apr/2021
Loop Antenna	TESEQ	HLA 6120	31244	9k ~ 30MHz	16/Mar/2020	15/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	13/Mar/2020	12/Mar/2021



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply Mode		

16/04/2020



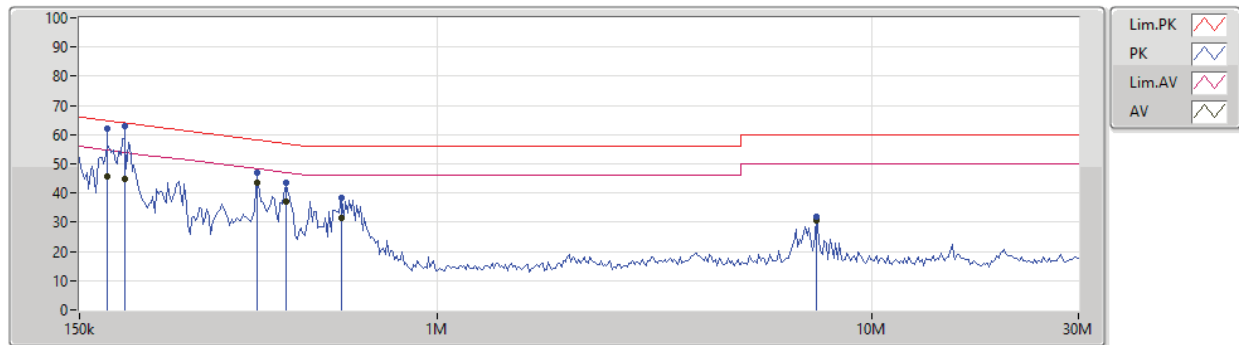
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	PA (dB)
QP	172.421k	60.49	64.83	-4.34	19.42	-	Neutral	-	-	-	41.07	9.62	0.04	-
AV	172.421k	43.75	54.83	-11.08	19.42	-	Neutral	-	-	-	24.33	9.62	0.04	-
QP	188.574k	63.88	64.11	-0.23	19.41	-	Neutral	-	-	"Worst"	44.47	9.61	0.04	-
AV	188.574k	45.11	54.11	-9.00	19.41	-	Neutral	-	-	-	25.70	9.61	0.04	-
QP	254.17k	53.99	61.62	-7.63	19.41	-	Neutral	-	-	-	34.58	9.61	0.04	-
AV	254.17k	32.78	51.62	-18.84	19.41	-	Neutral	-	-	-	13.37	9.61	0.04	-
QP	386.031k	46.57	58.14	-11.57	19.41	-	Neutral	-	-	-	27.16	9.60	0.05	-
AV	386.031k	43.54	48.14	-4.60	19.41	-	Neutral	-	-	-	24.13	9.60	0.05	-
QP	628.592k	39.15	56.00	-16.85	19.42	-	Neutral	-	-	-	19.73	9.60	0.06	-
AV	628.592k	32.85	46.00	-13.15	19.42	-	Neutral	-	-	-	13.43	9.60	0.06	-
QP	7.488M	31.66	60.00	-28.34	19.60	-	Neutral	-	-	-	12.06	9.66	0.18	-
AV	7.488M	30.61	50.00	-19.39	19.60	-	Neutral	-	-	-	11.01	9.66	0.18	-



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply Mode		

16/04/2020



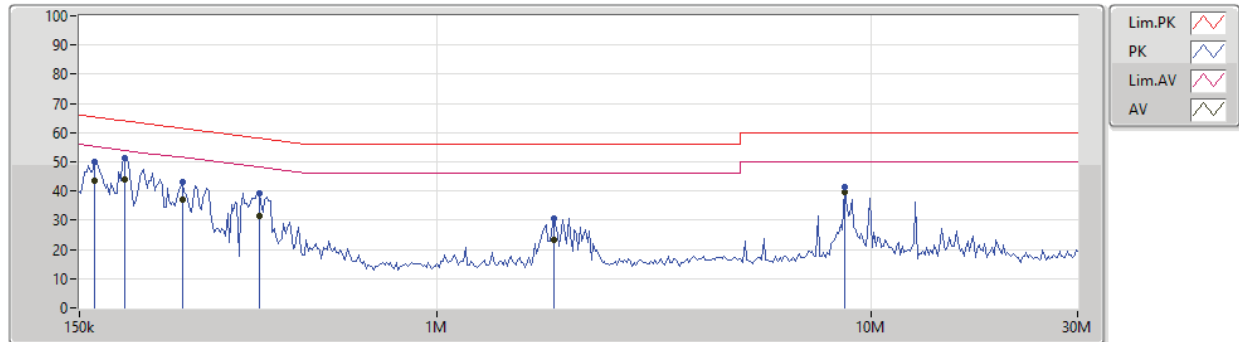
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	PA (dB)
QP	174.145k	61.90	64.76	-2.86	19.41	-	Line	-	-	-	42.49	9.61	0.04	-
AV	174.145k	45.56	54.76	-9.20	19.41	-	Line	-	-	-	26.15	9.61	0.04	-
QP	190.46k	63.02	64.01	-0.99	19.41	-	Line	-	-	"Worst"	43.61	9.61	0.04	-
AV	190.46k	44.77	54.01	-9.24	19.41	-	Line	-	-	-	25.36	9.61	0.04	-
QP	386.031k	46.87	58.14	-11.27	19.41	-	Line	-	-	-	27.46	9.60	0.05	-
AV	386.031k	43.74	48.14	-4.40	19.41	-	Line	-	-	-	24.33	9.60	0.05	-
QP	448.17k	43.37	56.92	-13.55	19.41	-	Line	-	-	-	23.96	9.60	0.05	-
AV	448.17k	37.15	46.92	-9.77	19.41	-	Line	-	-	-	17.74	9.60	0.05	-
QP	604.065k	38.47	56.00	-17.53	19.42	-	Line	-	-	-	19.05	9.60	0.06	-
AV	604.065k	31.33	46.00	-14.67	19.42	-	Line	-	-	-	11.91	9.60	0.06	-
QP	7.488M	31.86	60.00	-28.14	19.60	-	Line	-	-	-	12.26	9.66	0.18	-
AV	7.488M	30.80	50.00	-19.20	19.60	-	Line	-	-	-	11.20	9.66	0.18	-



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Switching Power Supply Mode		

21/04/2020



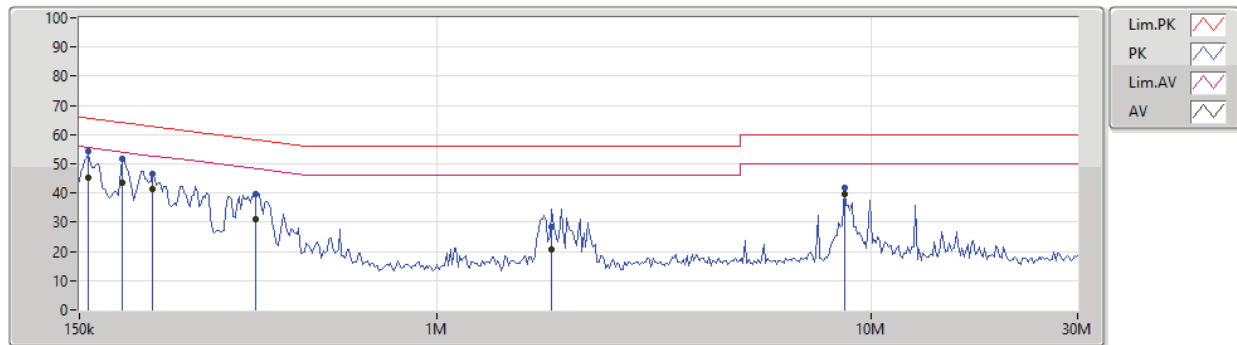
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	162.429k	50.09	65.33	-15.24	19.63	Neutral	-	30.46	9.65	0.11	9.87			
AV	162.429k	43.65	55.33	-11.68	19.63	Neutral	-	24.02	9.65	0.11	9.87			
QP	190.46k	51.16	64.01	-12.85	19.62	Neutral	-	31.54	9.64	0.11	9.87			
AV	190.46k	44.06	54.01	-9.95	19.62	Neutral	"Worst"	24.44	9.64	0.11	9.87			
QP	259.279k	43.31	61.45	-18.14	19.63	Neutral	-	23.68	9.64	0.12	9.87			
AV	259.279k	37.17	51.45	-14.28	19.63	Neutral	-	17.54	9.64	0.12	9.87			
QP	389.891k	39.18	58.07	-18.89	19.63	Neutral	-	19.55	9.63	0.13	9.87			
AV	389.891k	31.65	48.07	-16.42	19.63	Neutral	-	12.02	9.63	0.13	9.87			
QP	1.86M	30.48	56.00	-25.52	19.66	Neutral	-	10.82	9.65	0.14	9.87			
AV	1.86M	23.35	46.00	-22.65	19.66	Neutral	-	3.69	9.65	0.14	9.87			
QP	8.694M	41.39	60.00	-18.61	19.83	Neutral	-	21.56	9.69	0.26	9.88			
AV	8.694M	39.69	50.00	-10.31	19.83	Neutral	-	19.86	9.69	0.26	9.88			



AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Switching Power Supply Mode		

21/04/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.652k	54.41	65.58	-11.17	19.64	Line	-	34.77	9.66	0.11	9.87			
AV	157.652k	45.37	55.58	-10.21	19.64	Line	"Worst"	25.73	9.66	0.11	9.87			
QP	188.574k	51.73	64.11	-12.38	19.63	Line	-	32.10	9.65	0.11	9.87			
AV	188.574k	43.71	54.11	-10.40	19.63	Line	-	24.08	9.65	0.11	9.87			
QP	221.118k	46.76	62.77	-16.01	19.63	Line	-	27.13	9.65	0.11	9.87			
AV	221.118k	41.20	52.77	-11.57	19.63	Line	-	21.57	9.65	0.11	9.87			
QP	382.209k	39.57	58.24	-18.67	19.63	Line	-	19.94	9.64	0.12	9.87			
AV	382.209k	31.21	48.24	-17.03	19.63	Line	-	11.58	9.64	0.12	9.87			
QP	1.841M	28.55	56.00	-27.45	19.66	Line	-	8.89	9.65	0.14	9.87			
AV	1.841M	20.53	46.00	-25.47	19.66	Line	-	0.87	9.65	0.14	9.87			
QP	8.694M	41.67	60.00	-18.33	19.83	Line	-	21.84	9.69	0.26	9.88			
AV	8.694M	39.73	50.00	-10.27	19.83	Line	-	19.90	9.69	0.26	9.88			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.025M	14.153M	14M2G1D	9.025M	13.953M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.572M	16M6D1D	15.825M	16.452M
802.11n HT20_Nss1,(MCS0)_2TX	16.525M	17.691M	17M7D1D	16M	17.571M
802.11n HT40_Nss1,(MCS0)_2TX	35.65M	36.342M	36M3D1D	35.05M	36.102M

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

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

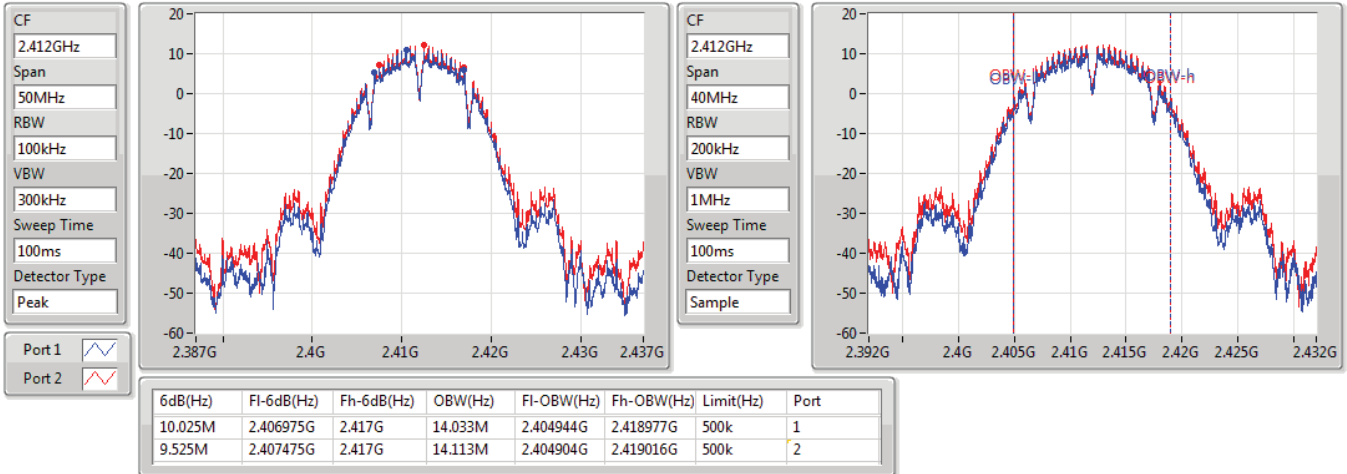
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.025M	14.033M	9.525M	14.113M
2437MHz	Pass	500k	9.025M	14.033M	9.05M	14.133M
2462MHz	Pass	500k	9.55M	13.953M	10M	14.153M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.452M	16.3M	16.472M
2437MHz	Pass	500k	15.825M	16.492M	16.025M	16.572M
2462MHz	Pass	500k	16.25M	16.532M	16.3M	16.552M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.05M	17.611M	16M	17.611M
2437MHz	Pass	500k	16.525M	17.631M	16.525M	17.691M
2462MHz	Pass	500k	16.025M	17.571M	16.25M	17.631M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.5M	36.102M	35.1M	36.222M
2437MHz	Pass	500k	35.65M	36.302M	35.45M	36.342M
2452MHz	Pass	500k	35.05M	36.182M	35.15M	36.222M

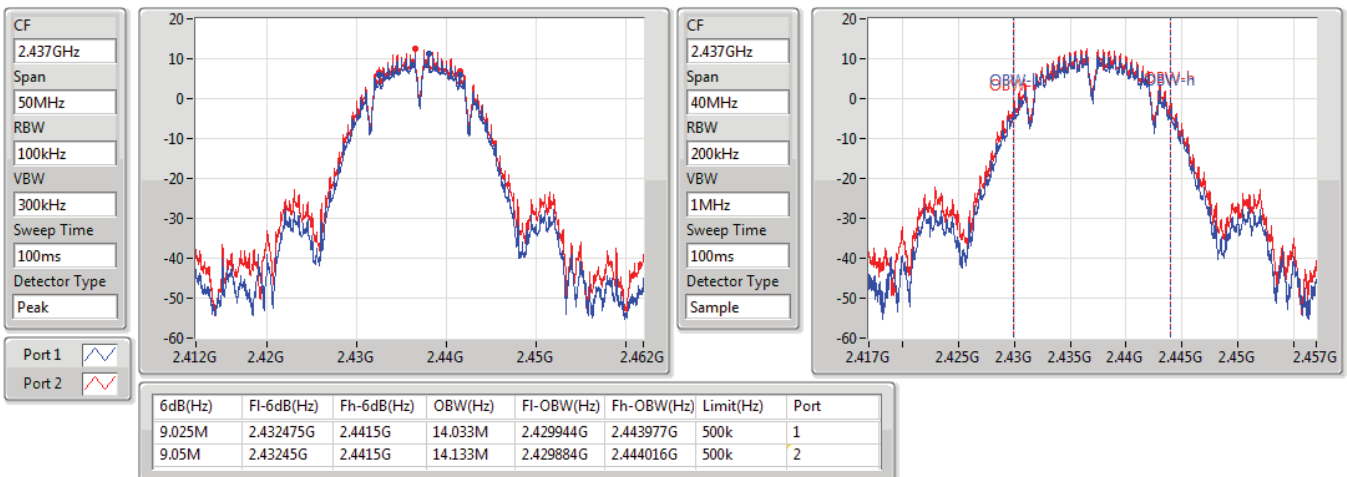
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

15/04/2020

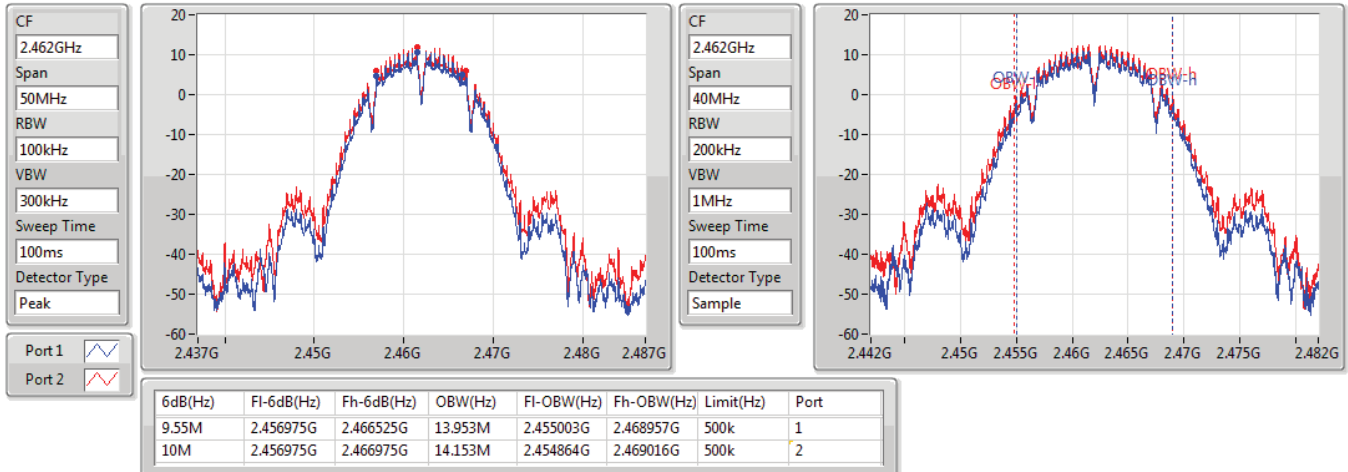

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

15/04/2020

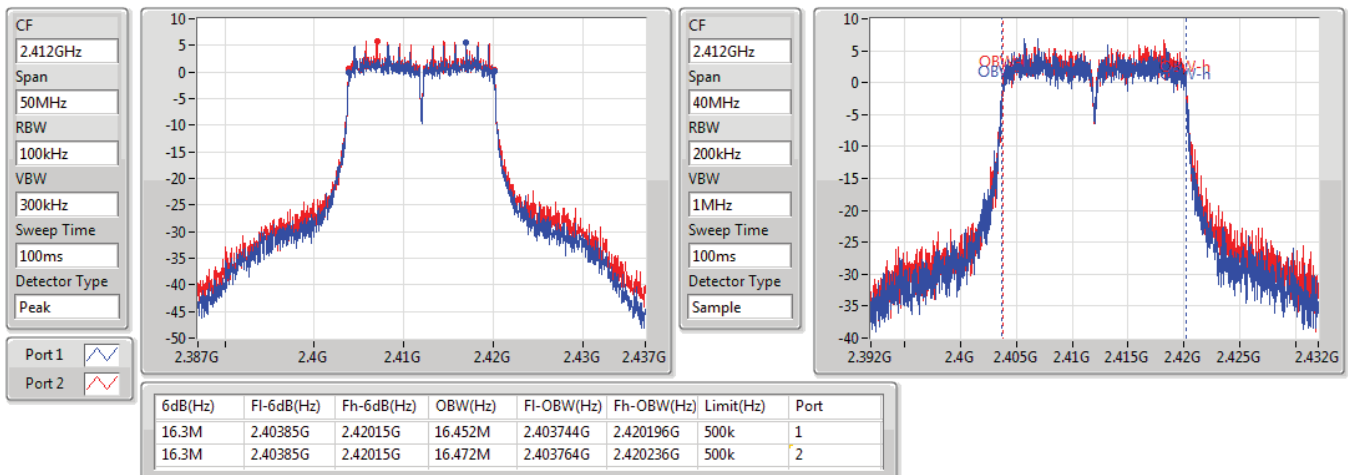


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

15/04/2020

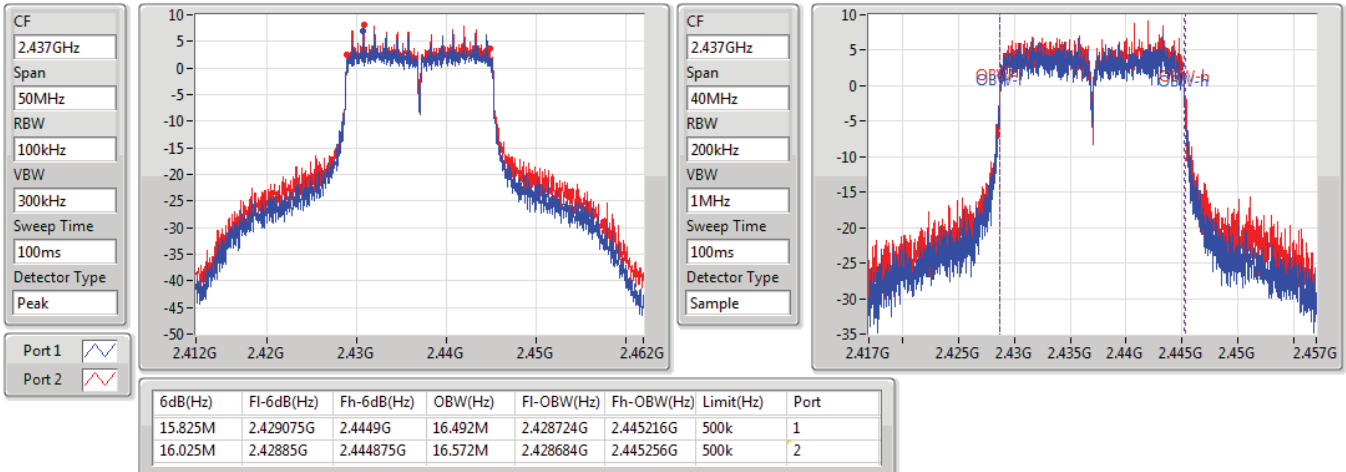

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

15/04/2020

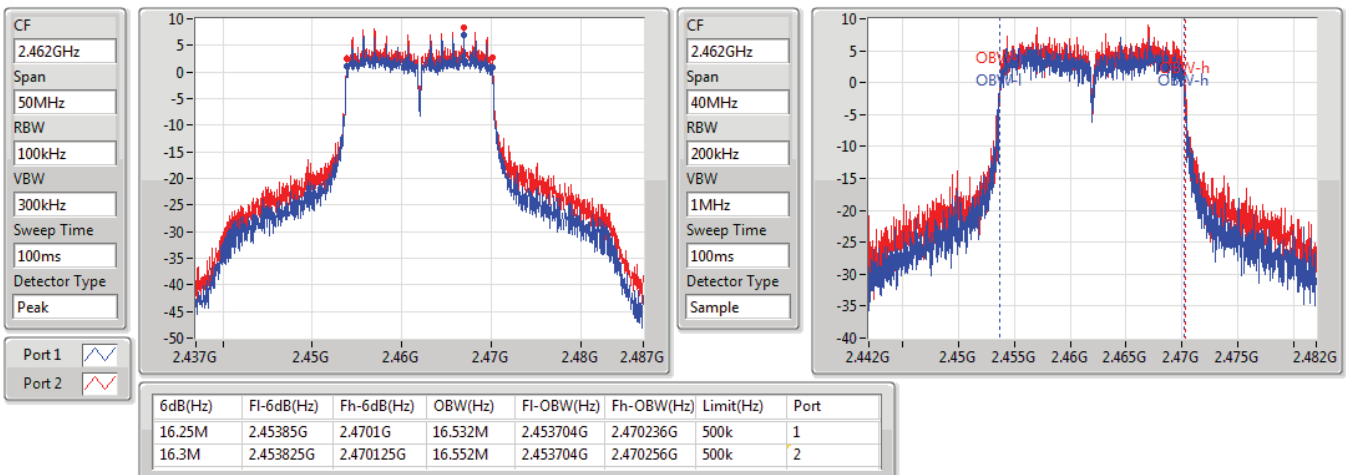


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

15/04/2020

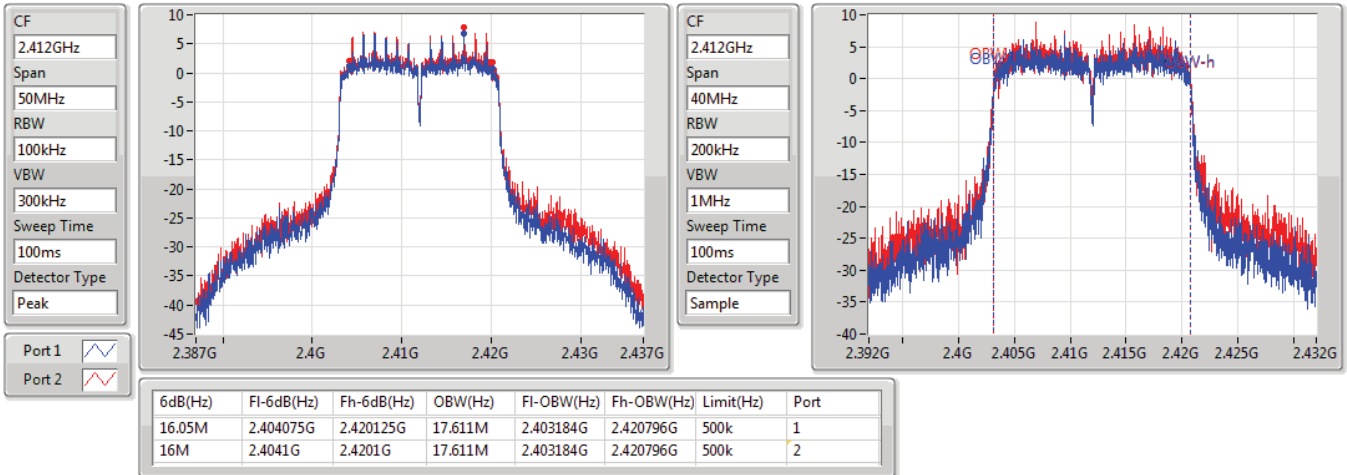

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

15/04/2020

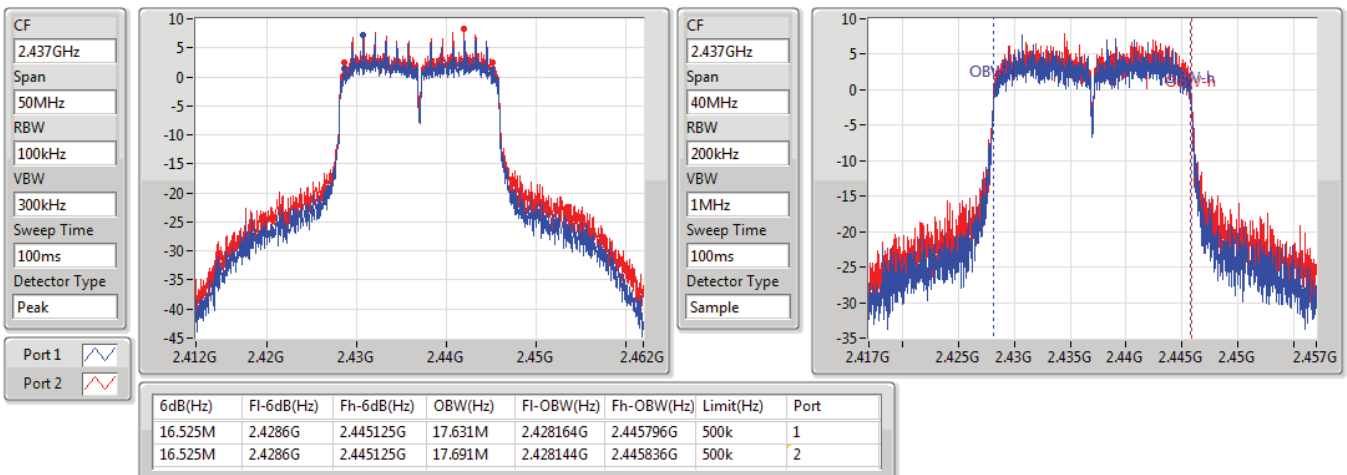


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

15/04/2020

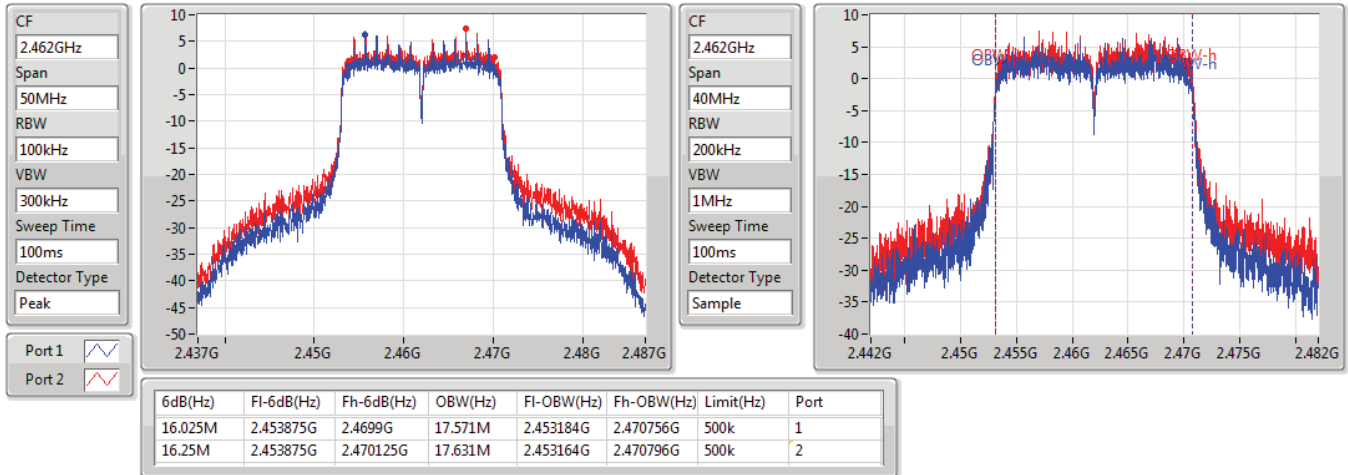

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

15/04/2020

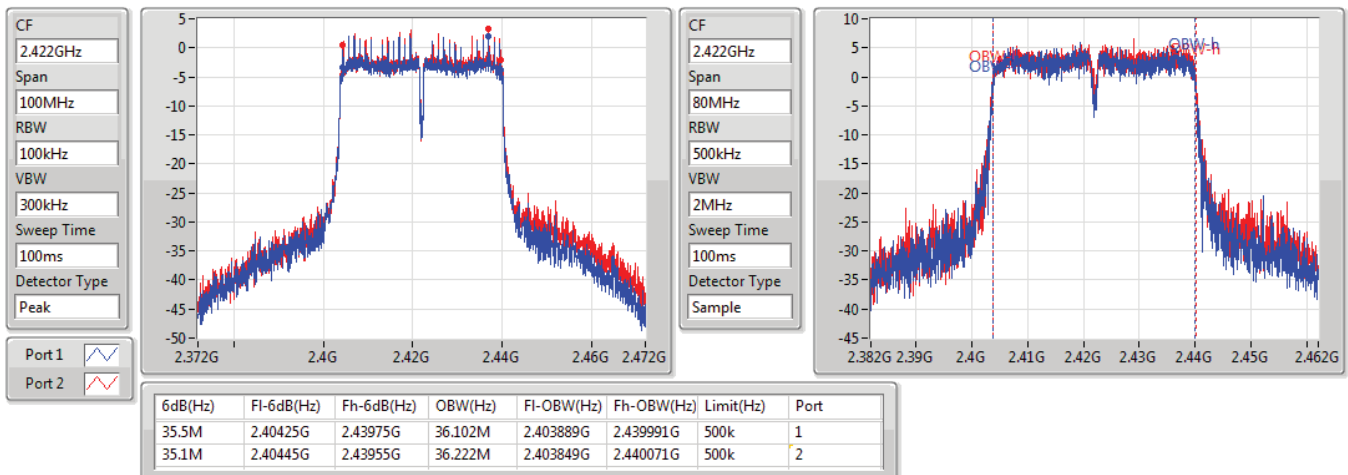


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

15/04/2020

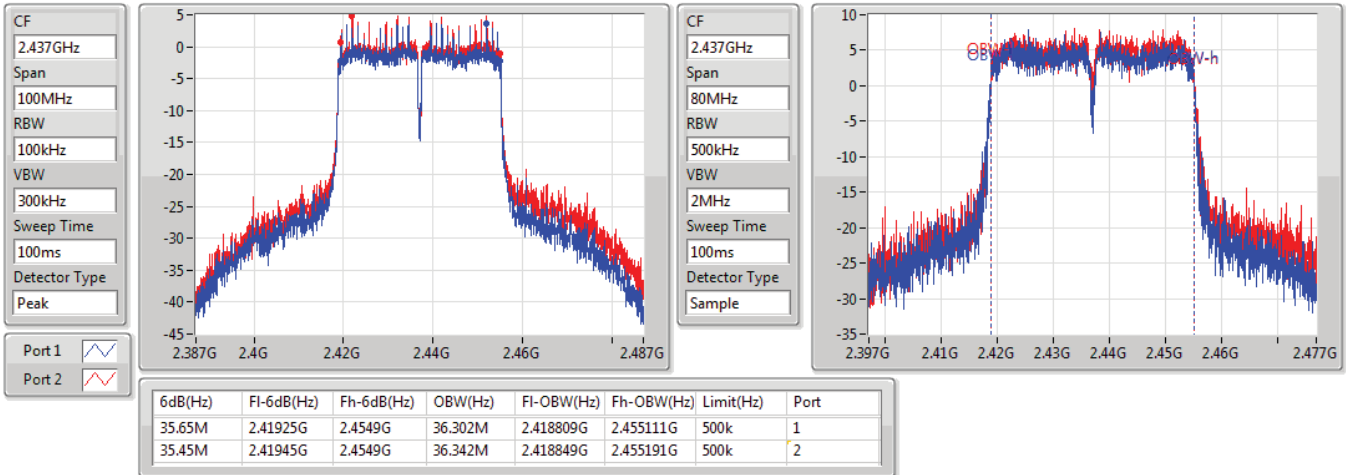

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

15/04/2020

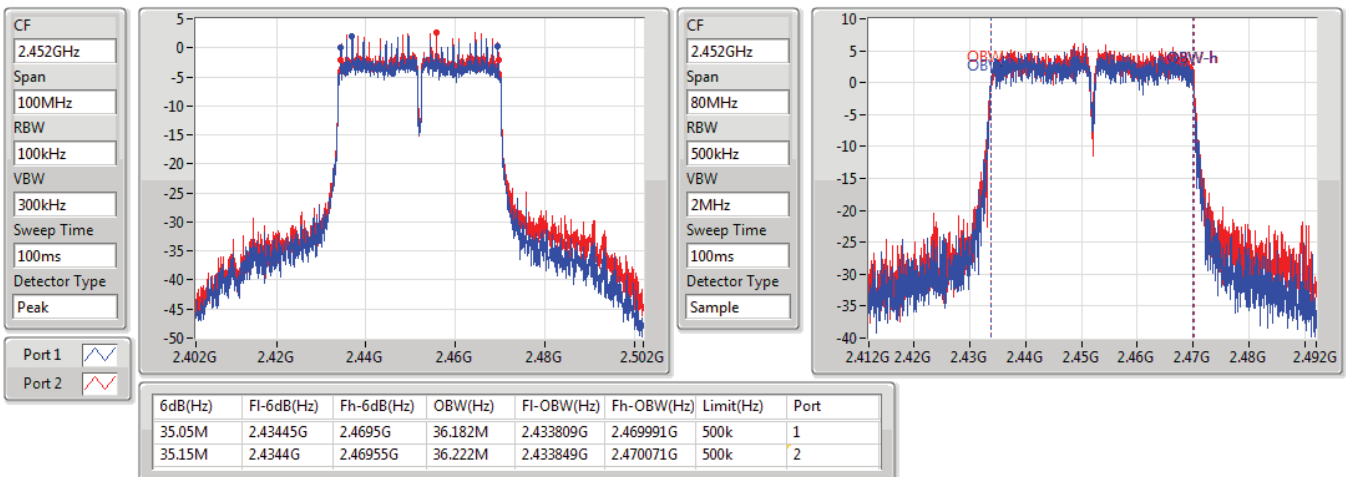


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

15/04/2020


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

15/04/2020



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10M	14.113M	14M1G1D	9.025M	13.693M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.712M	16M7D1D	15.725M	16.432M
802.11n HT20_Nss1,(MCS0)_2TX	16.775M	17.751M	17M8D1D	15.475M	17.531M
802.11n HT40_Nss1,(MCS0)_2TX	35.75M	36.222M	36M2D1D	35.05M	36.102M

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;

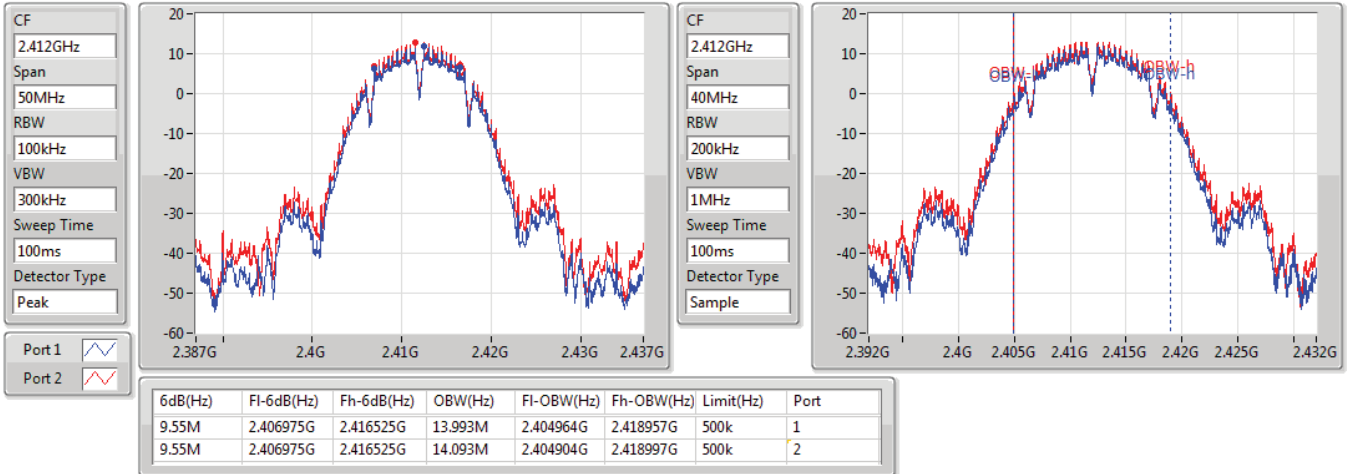
**Result**

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	9.55M	13.993M	9.55M	14.093M
2437MHz	Pass	500k	9.5M	13.693M	9.025M	13.733M
2462MHz	Pass	500k	10M	13.973M	9.025M	14.113M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.432M	16.325M	16.432M
2437MHz	Pass	500k	15.9M	16.572M	15.725M	16.712M
2462MHz	Pass	500k	16.05M	16.432M	16.075M	16.472M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	17.551M	16.65M	17.531M
2437MHz	Pass	500k	15.475M	17.631M	16.65M	17.751M
2462MHz	Pass	500k	16.775M	17.531M	16.025M	17.531M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.7M	36.222M	35.65M	36.142M
2437MHz	Pass	500k	35.15M	36.102M	35.05M	36.142M
2452MHz	Pass	500k	35.7M	36.102M	35.75M	36.182M

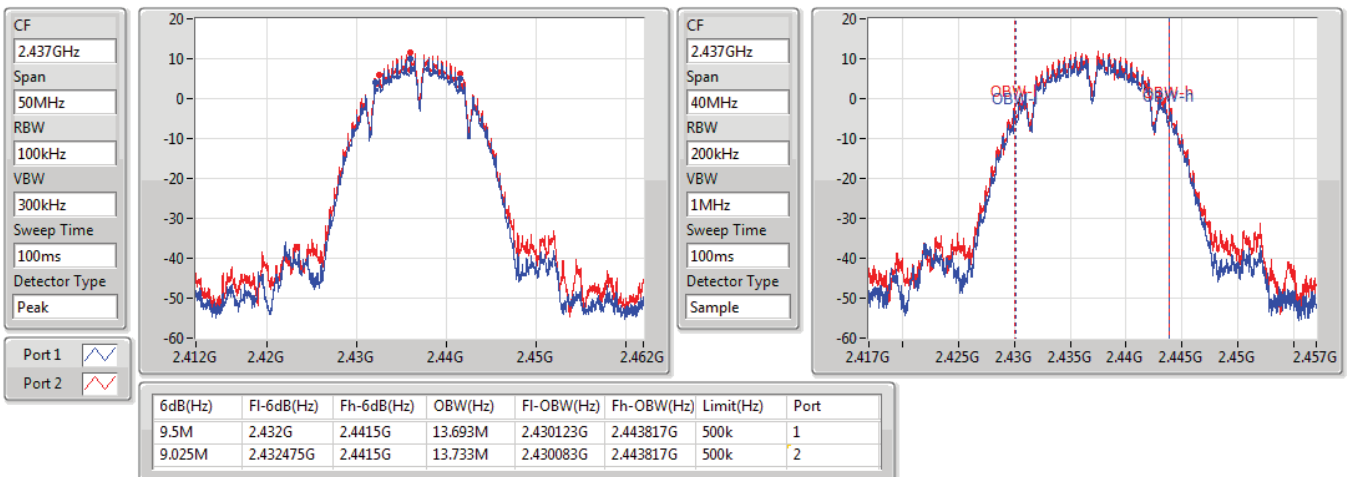
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

21/04/2020

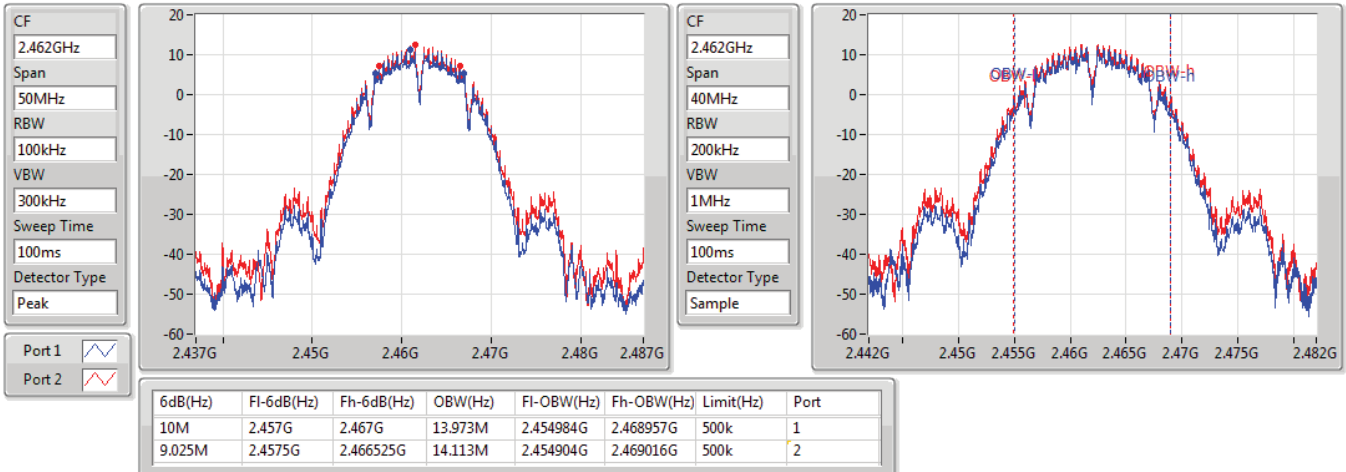

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

21/04/2020

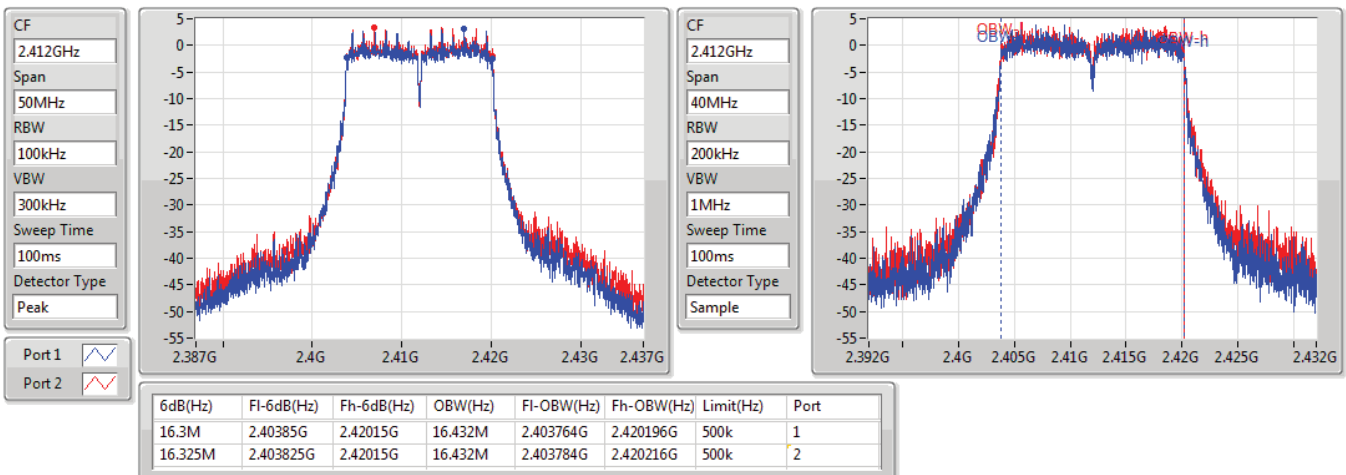


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

21/04/2020


802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

21/04/2020

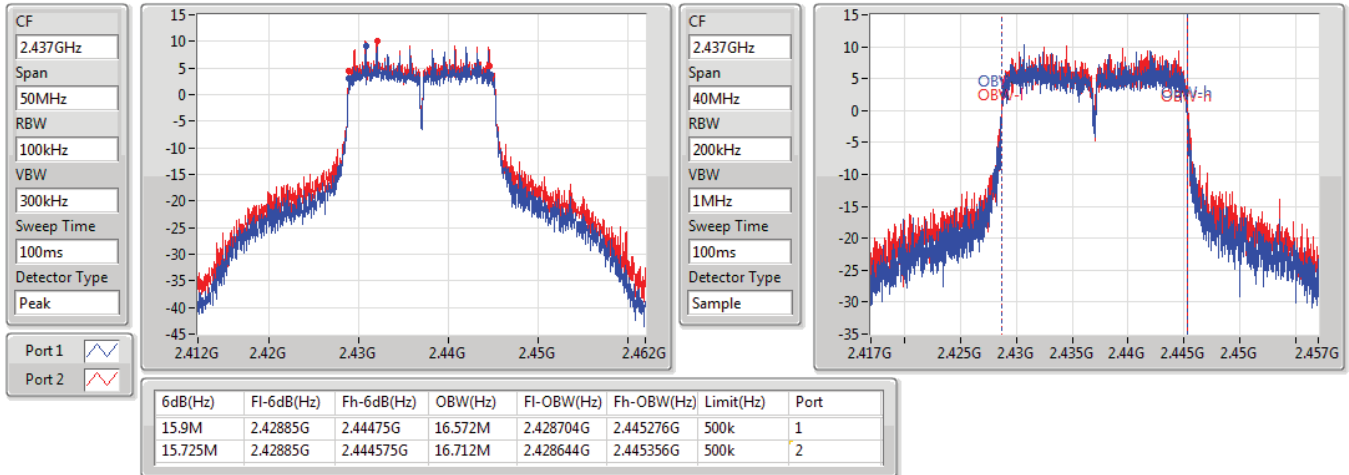


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

22/04/2020

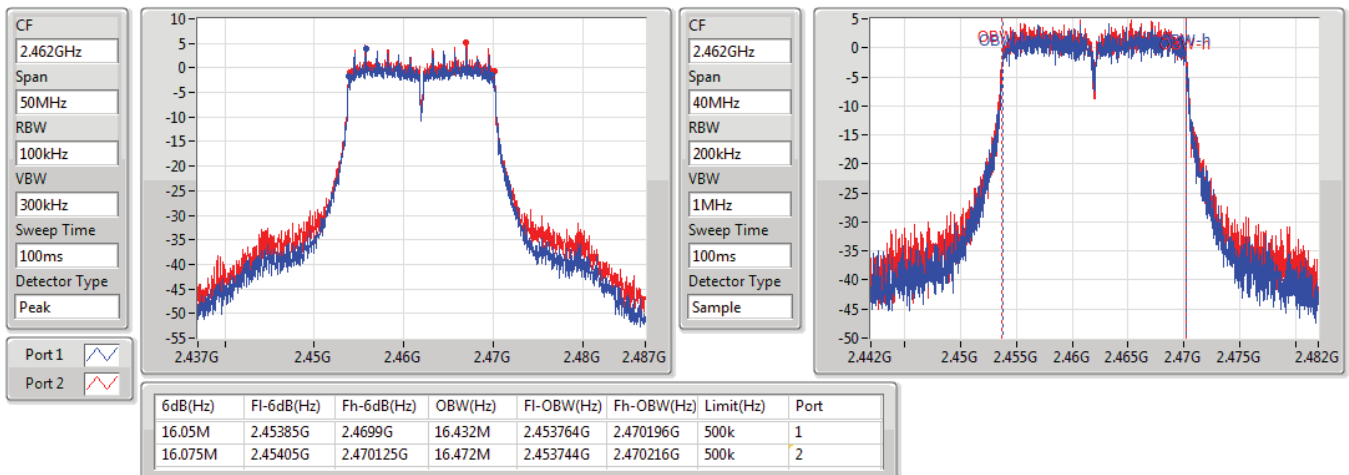


802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

21/04/2020

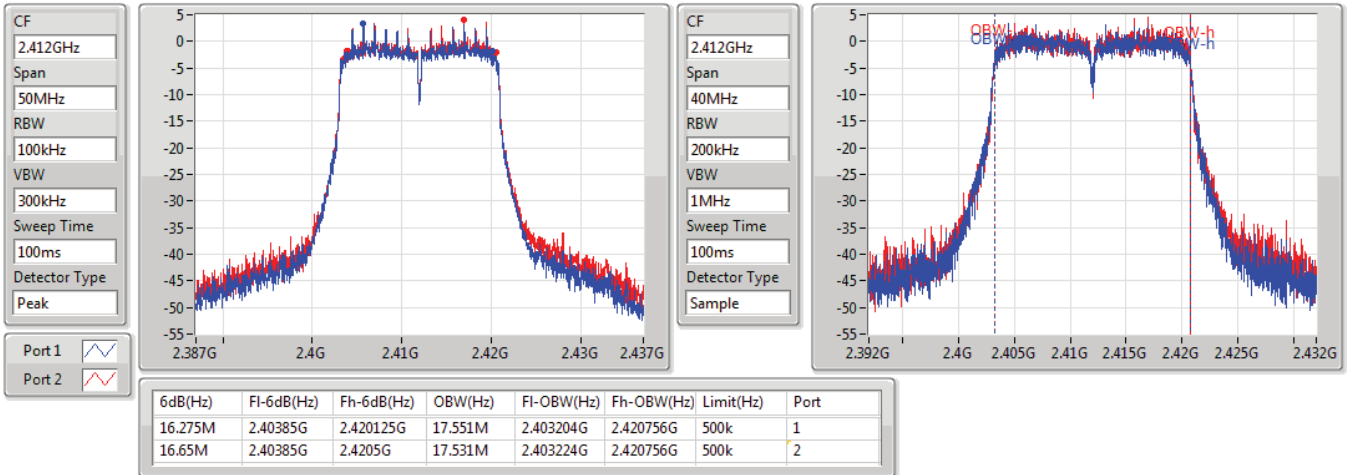


802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

21/04/2020

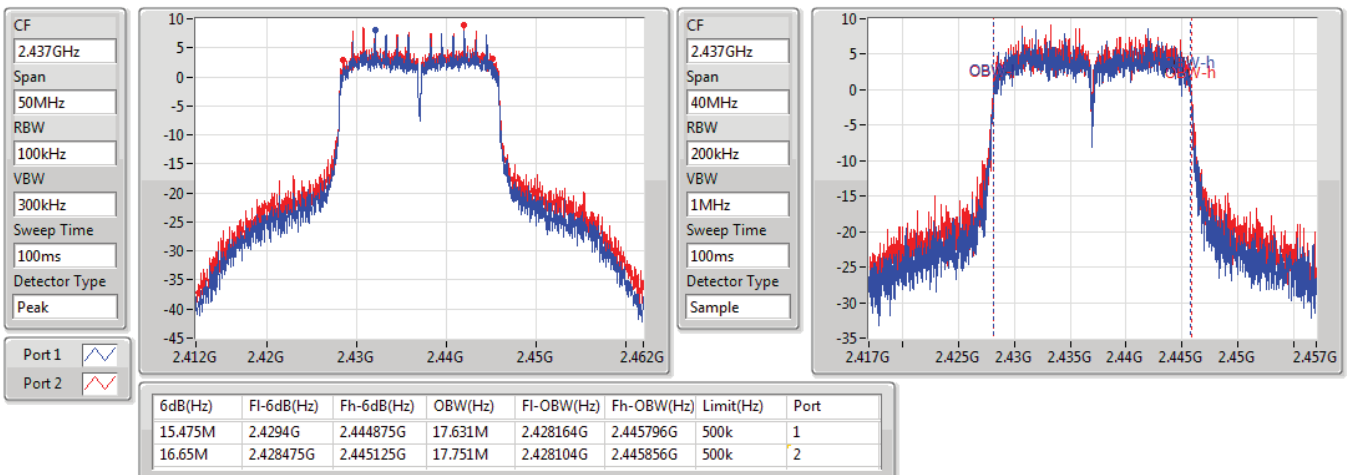


802.11n HT20_Nss1,(MCS0)_2TX

EBW

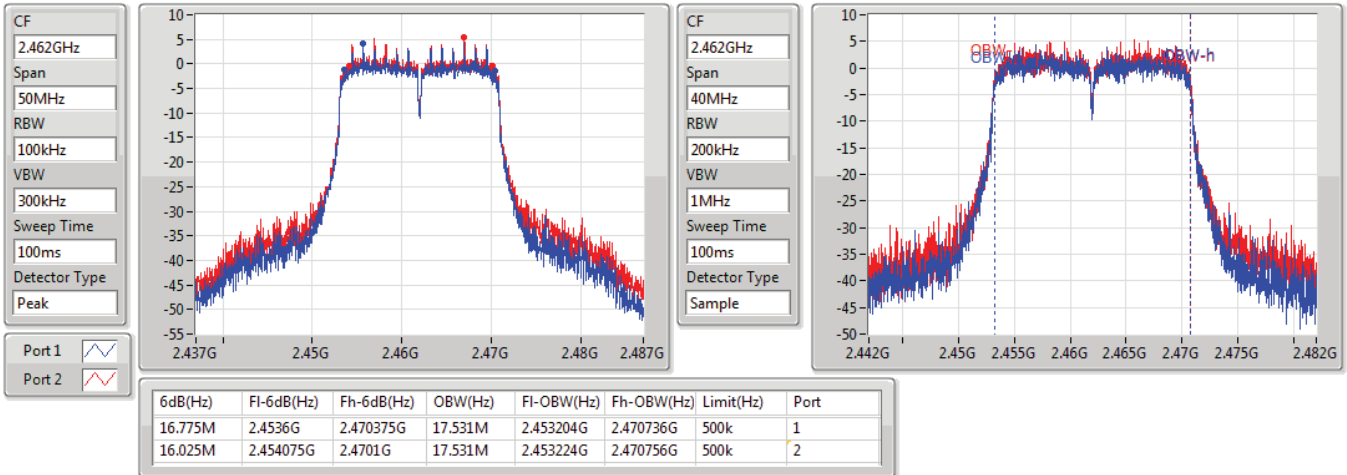
2437MHz

21/04/2020

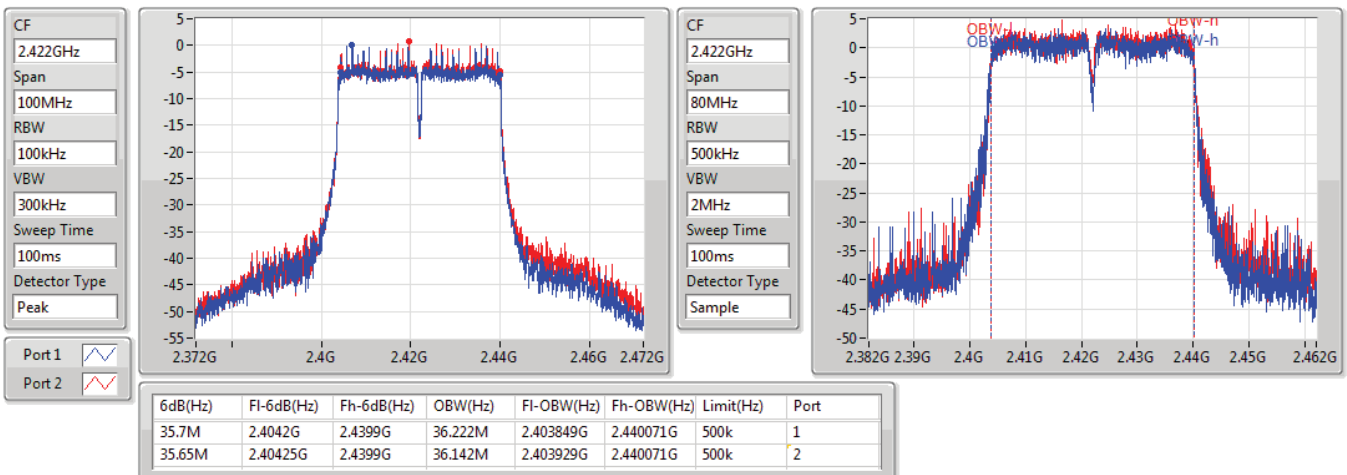


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

21/04/2020

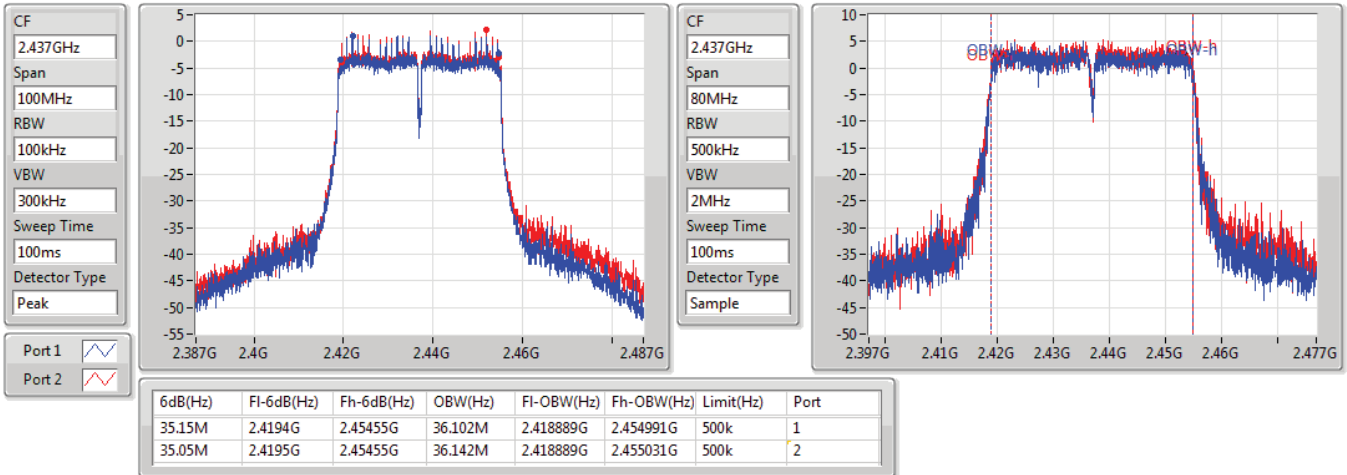

802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

21/04/2020

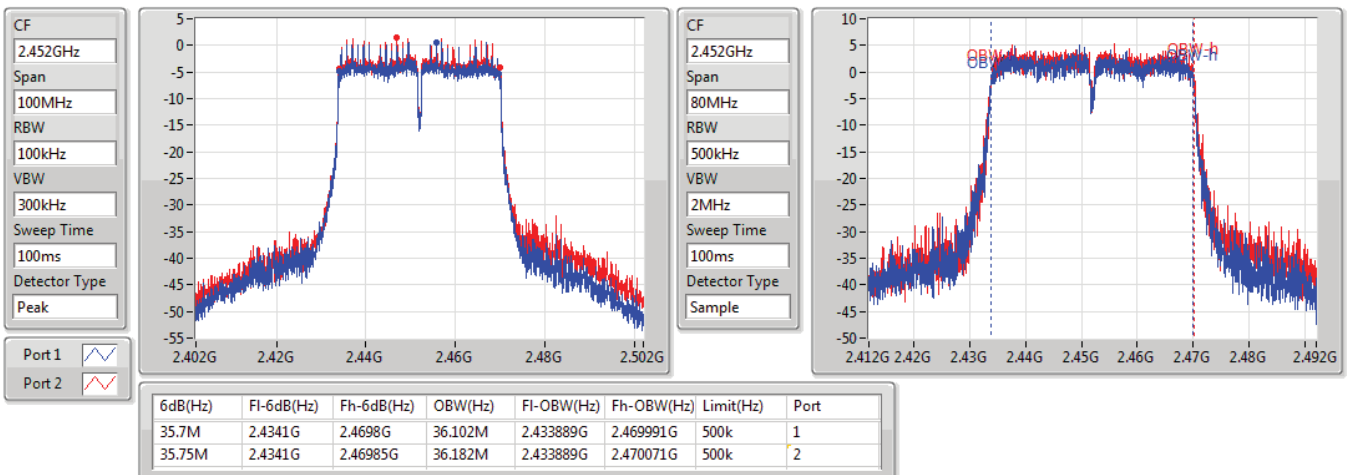


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

21/04/2020


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

21/04/2020





Average Power_Host 1

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.42	0.21979
802.11g_Nss1,(6Mbps)_2TX	21.05	0.12735
802.11n HT20_Nss1,(MCS0)_2TX	21.08	0.12823
802.11n HT40_Nss1,(MCS0)_2TX	20.90	0.12303



Average Power_Host 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	19.89	20.87	23.42	30.00
2437MHz	Pass	0.87	19.62	20.85	23.29	30.00
2462MHz	Pass	0.87	19.34	20.59	23.02	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	16.53	17.07	19.82	30.00
2437MHz	Pass	0.87	17.54	18.49	21.05	30.00
2462MHz	Pass	0.87	17.33	18.42	20.92	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	17.87	18.27	21.08	30.00
2417MHz	Pass	0.87	17.71	18.41	21.08	30.00
2437MHz	Pass	0.87	17.42	18.27	20.88	30.00
2457MHz	Pass	0.87	17.24	18.36	20.85	30.00
2462MHz	Pass	0.87	16.58	17.61	20.14	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	0.87	15.84	16.36	19.12	30.00
2427MHz	Pass	0.87	16.40	17.03	19.74	30.00
2437MHz	Pass	0.87	17.48	18.27	20.90	30.00
2447MHz	Pass	0.87	16.12	16.96	19.57	30.00
2452MHz	Pass	0.87	15.62	16.46	19.07	30.00

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



Average Power_Host 2

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.93	0.31117
802.11g_Nss1,(6Mbps)_2TX	23.36	0.21677
802.11n HT20_Nss1,(MCS0)_2TX	21.98	0.15776
802.11n HT40_Nss1,(MCS0)_2TX	18.68	0.07379



Average Power_Host 2

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	21.35	22.42	24.93	30.00
2437MHz	Pass	0.87	19.29	20.42	22.90	30.00
2462MHz	Pass	0.87	20.52	21.39	23.99	30.00
2417MHz						
2457MHz						
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	14.76	15.31	18.05	30.00
2437MHz	Pass	0.87	20.02	20.66	23.36	30.00
2462MHz	Pass	0.87	15.16	16.01	18.62	30.00
2417MHz	Pass	0.87	17.10	17.94	20.55	30.00
2457MHz	Pass	0.87	18.25	19.18	21.75	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	14.26	14.75	17.52	30.00
2437MHz	Pass	0.87	18.56	19.34	21.98	30.00
2462MHz	Pass	0.87	15.31	16.19	18.78	30.00
2417MHz	Pass	0.87	17.45	17.98	20.73	30.00
2457MHz	Pass	0.87	18.26	19.15	21.74	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	0.87	14.23	14.79	17.53	30.00
2437MHz	Pass	0.87	15.29	16.01	18.68	30.00
2452MHz	Pass	0.87	14.89	15.47	18.20	30.00
2427MHz	Pass	0.87	14.35	14.84	17.61	30.00
2447MHz	Pass	0.87	15.05	15.56	18.32	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.01
802.11g_Nss1,(6Mbps)_2TX	-4.60
802.11n HT20_Nss1,(MCS0)_2TX	-4.93
802.11n HT40_Nss1,(MCS0)_2TX	-7.42



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-4.19	-1.97	-1.01	8.00
2437MHz	Pass	3.88	-3.53	-3.44	-1.11	8.00
2462MHz	Pass	3.88	-4.45	-3.43	-1.55	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-8.82	-8.18	-5.84	8.00
2437MHz	Pass	3.88	-8.02	-7.08	-4.88	8.00
2462MHz	Pass	3.88	-8.17	-7.12	-4.60	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-7.67	-7.69	-5.18	8.00
2437MHz	Pass	3.88	-8.28	-6.95	-4.93	8.00
2462MHz	Pass	3.88	-9.11	-7.18	-5.78	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.88	-12.95	-11.75	-9.79	8.00
2437MHz	Pass	3.88	-10.76	-10.08	-7.42	8.00
2452MHz	Pass	3.88	-13.06	-12.35	-10.10	8.00

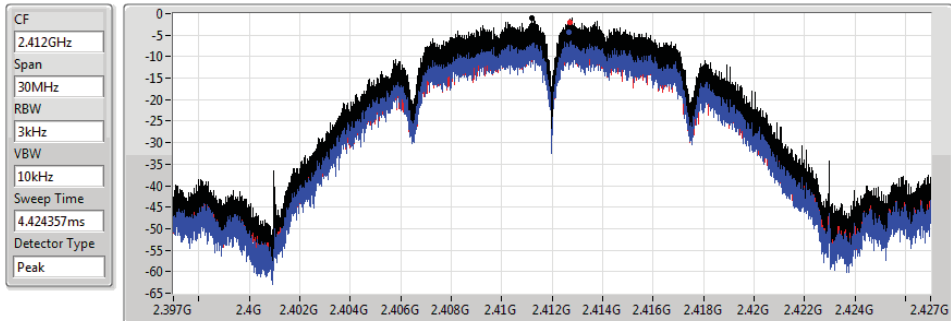
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

15/04/2020



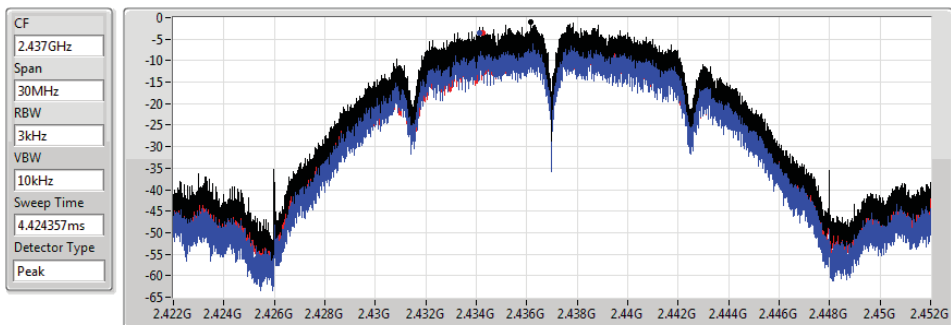
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.01	-1.01	-4.19	-1.97

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

15/04/2020



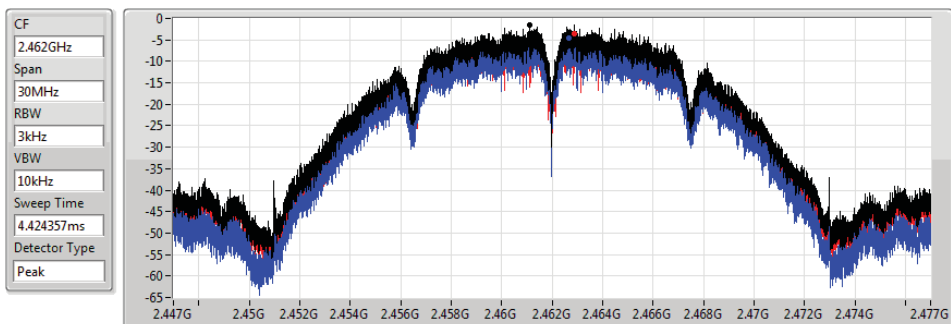
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.11	-1.11	-3.53	-3.44

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

15/04/2020



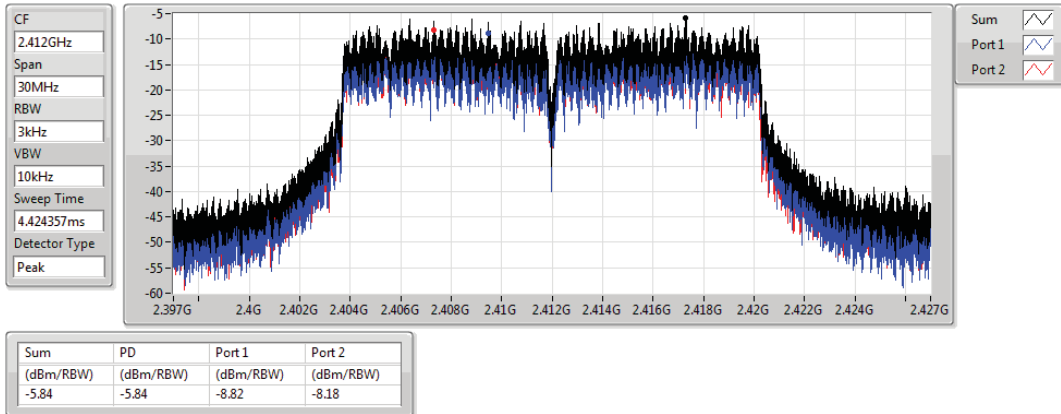
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.55	-1.55	-4.45	-3.43

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

15/04/2020

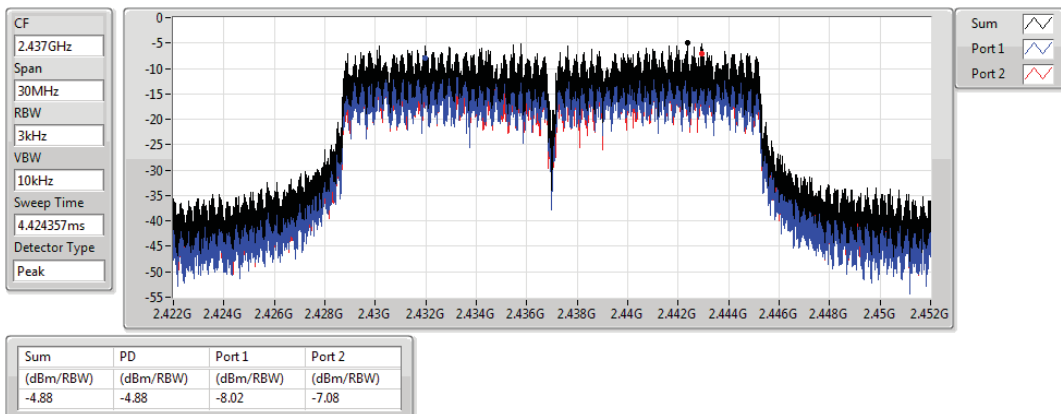


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

15/04/2020

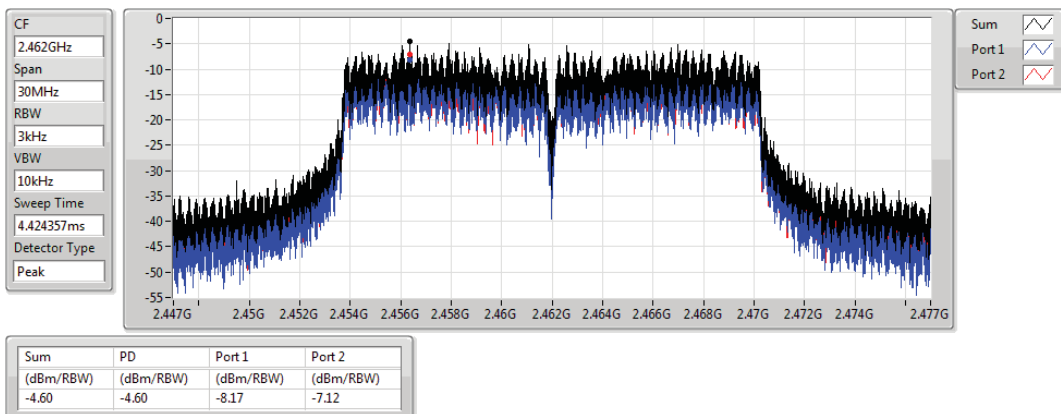


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

15/04/2020

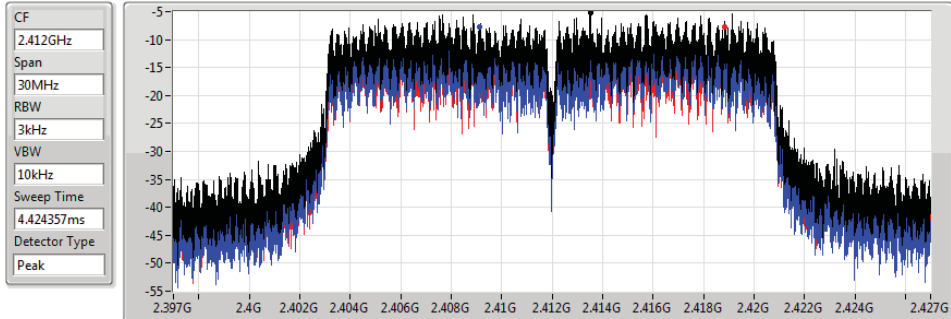


802.11n HT20_Nss1,(MCS0)_2TX

2412MHz

PSD

15/04/2020



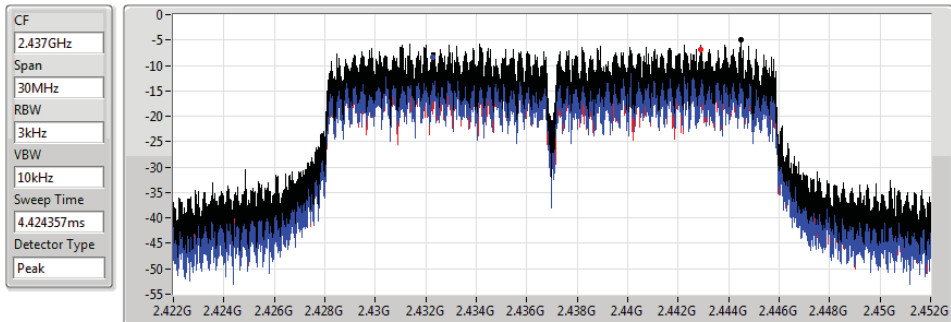
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.18	-5.18	-7.67	-7.69

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz

PSD

15/04/2020



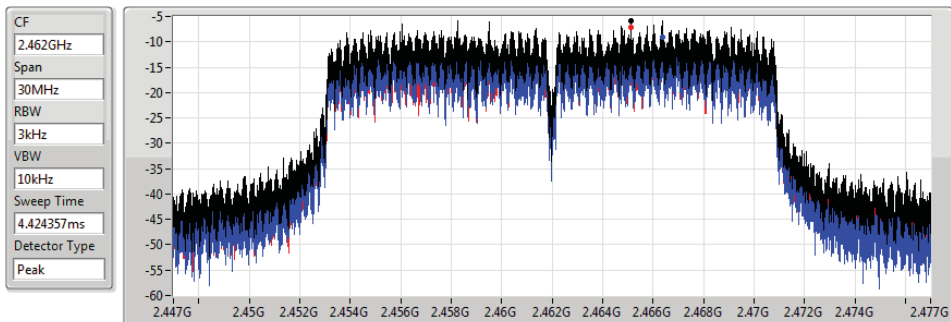
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.93	-4.93	-8.28	-6.95

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

PSD

15/04/2020



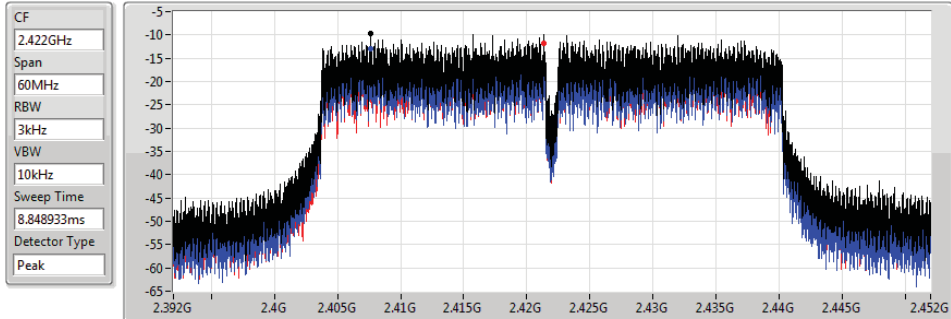
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.78	-5.78	-9.11	-7.18

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

15/04/2020



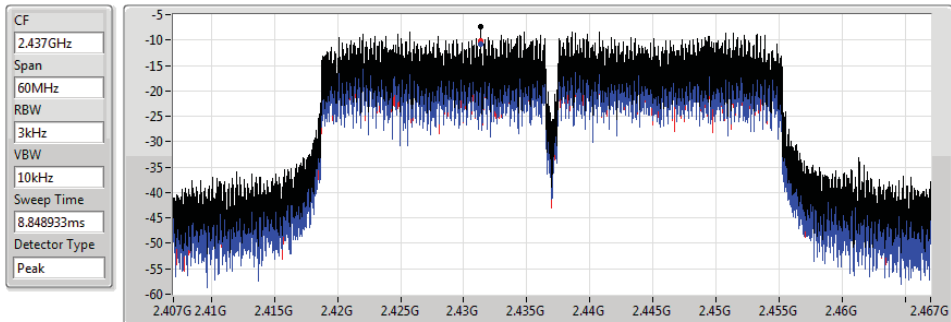
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.79	-9.79	-12.95	-11.75

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/04/2020



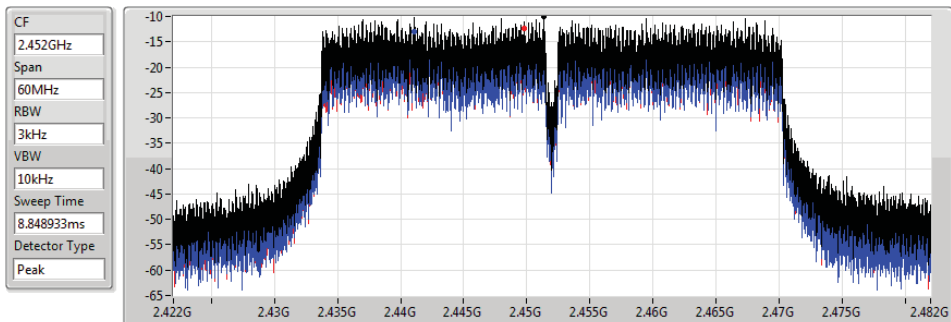
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.42	-7.42	-10.76	-10.08

802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

15/04/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.10	-10.10	-13.06	-12.35



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.31
802.11g_Nss1,(6Mbps)_2TX	-2.96
802.11n HT20_Nss1,(MCS0)_2TX	-4.53
802.11n HT40_Nss1,(MCS0)_2TX	-9.76



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-3.13	-1.46	-0.31	8.00
2437MHz	Pass	3.88	-3.88	-2.45	-1.75	8.00
2462MHz	Pass	3.88	-2.76	-2.18	-0.59	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-11.35	-10.33	-7.83	8.00
2437MHz	Pass	3.88	-6.47	-5.52	-2.96	8.00
2462MHz	Pass	3.88	-11.02	-10.21	-7.78	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-12.50	-11.53	-8.98	8.00
2437MHz	Pass	3.88	-8.08	-6.56	-4.53	8.00
2462MHz	Pass	3.88	-9.71	-9.19	-6.46	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.88	-13.54	-11.67	-9.76	8.00
2437MHz	Pass	3.88	-13.47	-13.13	-10.42	8.00
2452MHz	Pass	3.88	-13.97	-13.39	-10.84	8.00

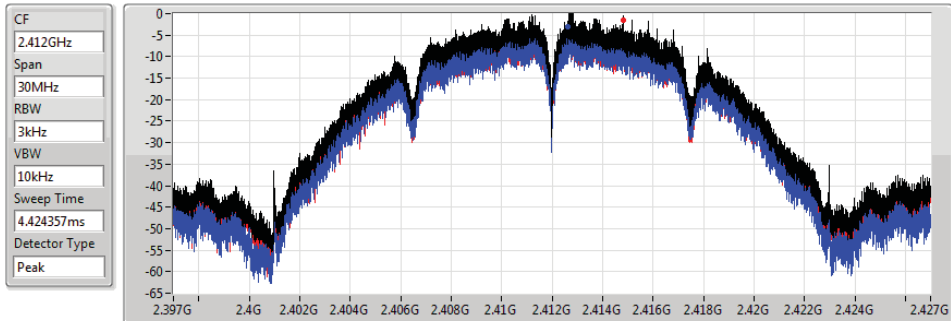
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

21/04/2020



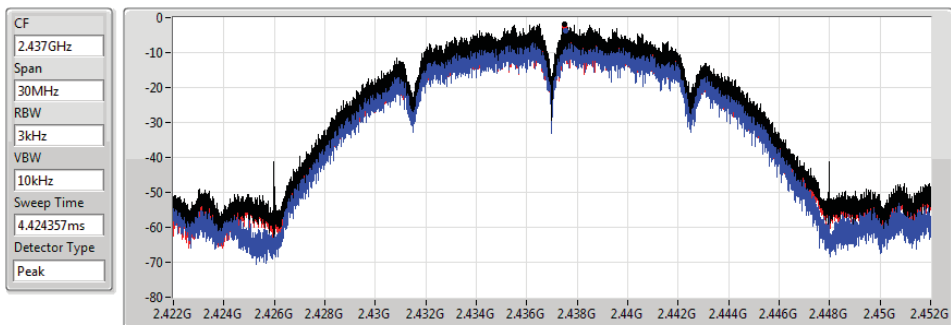
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.31	-0.31	-3.13	-1.46

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

21/04/2020



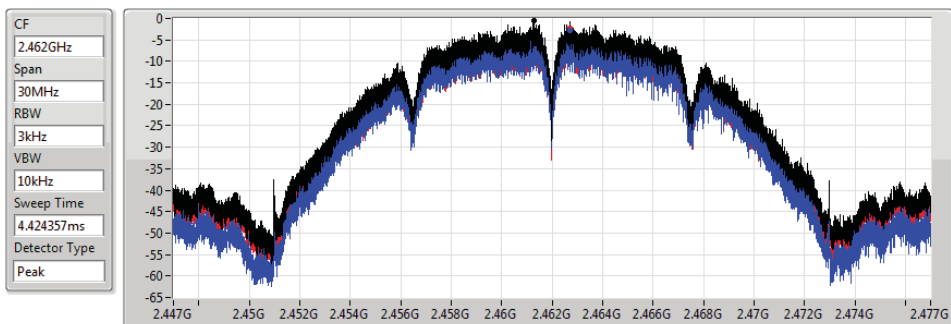
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.75	-1.75	-3.88	-2.45

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

21/04/2020



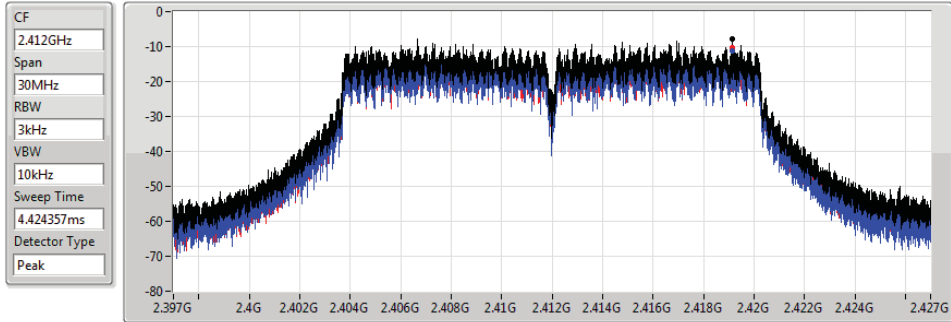
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.59	-0.59	-2.76	-2.18

802.11g_Nss1,(6Mbps)_2TX

2412MHz

PSD

21/04/2020



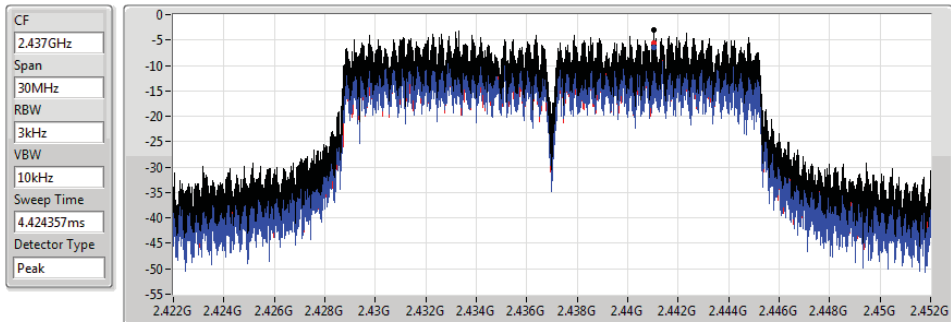
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.83	-7.83	-11.35	-10.33

802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

22/04/2020



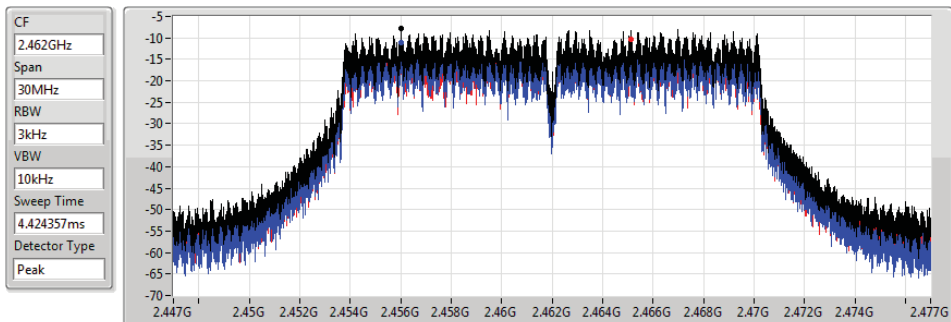
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.96	-2.96	-6.47	-5.52

802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

21/04/2020



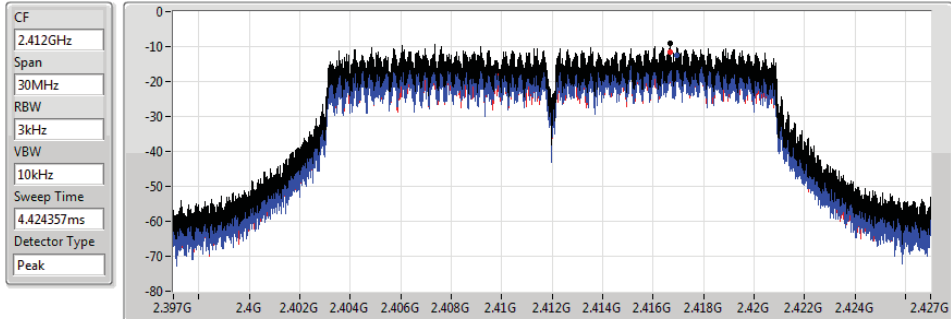
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.78	-7.78	-11.02	-10.21

802.11n HT20_Nss1,(MCS0)_2TX

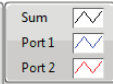
2412MHz

PSD

21/04/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.98	-8.98	-12.50	-11.53

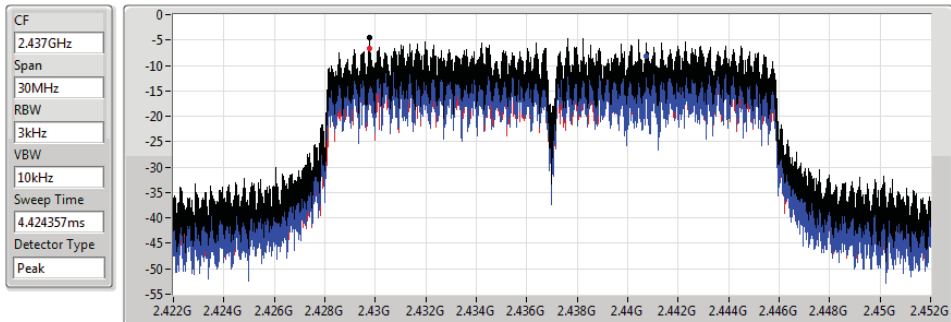


802.11n HT20_Nss1,(MCS0)_2TX

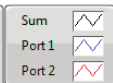
2437MHz

PSD

21/04/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.53	-4.53	-8.08	-6.56

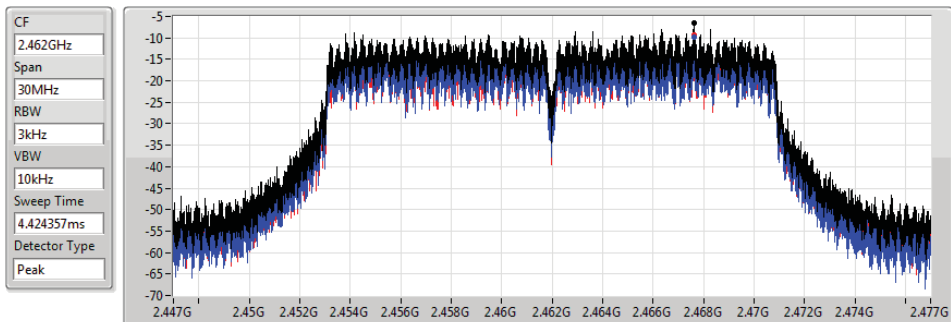


802.11n HT20_Nss1,(MCS0)_2TX

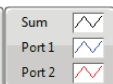
2462MHz

PSD

21/04/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.46	-6.46	-9.71	-9.19

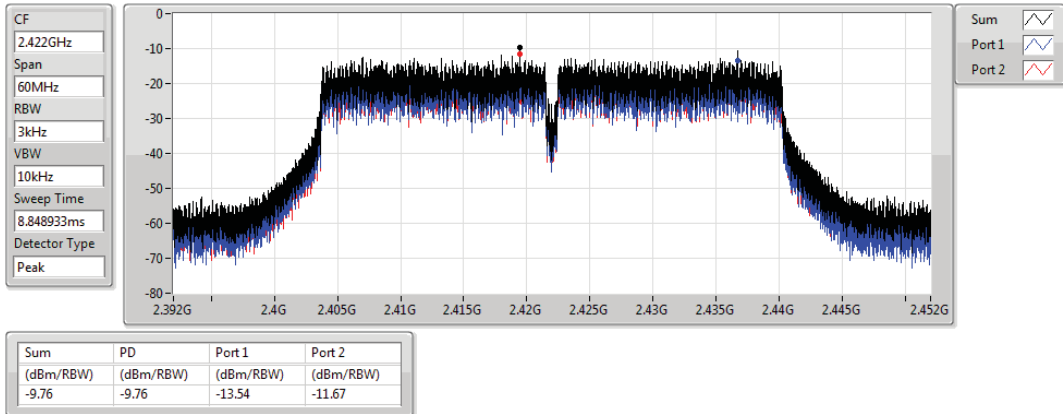


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

21/04/2020

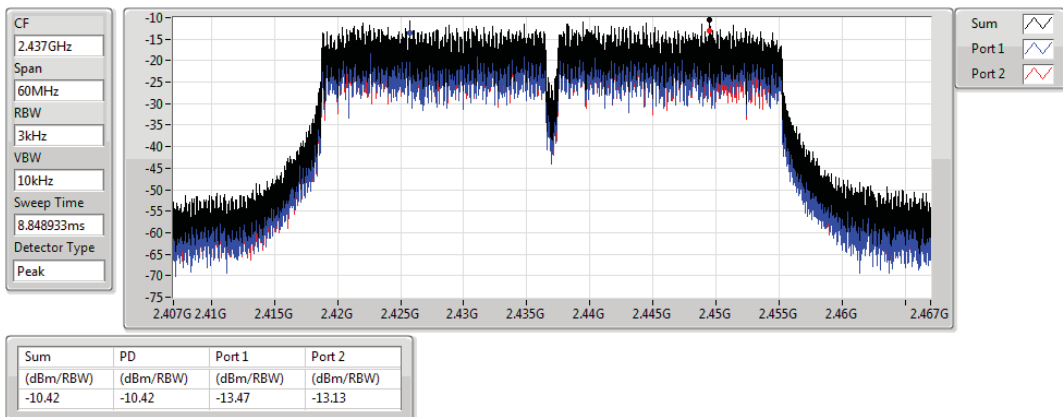


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

21/04/2020

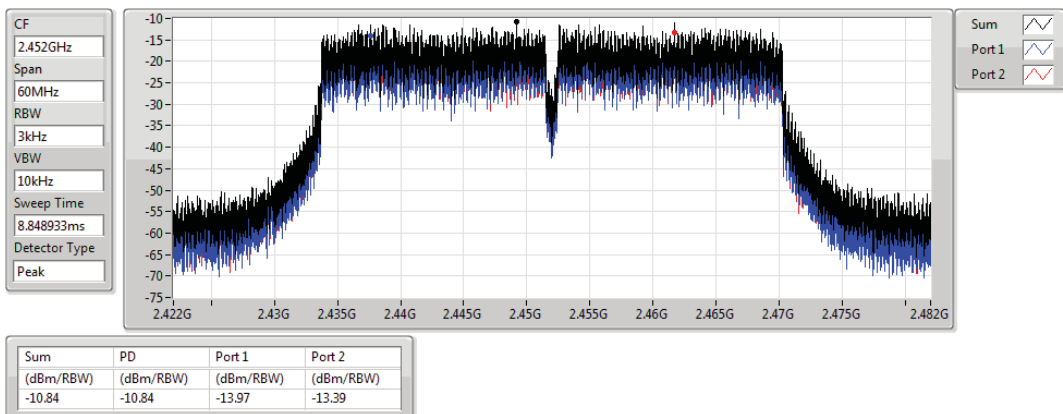


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

21/04/2020



**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	2.43749G	11.79	-18.21	2.13283G	-54.58	2.39698G	-26.21	2.4G	-28.92	2.50828G	-51.97	17.57433G	-41.65	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41695G	6.94	-23.06	2.30088G	-53.94	2.39764G	-23.68	2.4G	-27.34	2.52242G	-51.86	24.08408G	-41.94	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.44196G	7.88	-22.12	1.9374G	-54.28	2.39728G	-22.66	2.4G	-24.06	2.48362G	-52.80	15.34634G	-42.16	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.45198G	4.63	-25.37	30.57M	-49.28	2.39988G	-25.49	2.4G	-31.54	2.48354G	-34.57	17.4389G	-41.79	2

**Result**

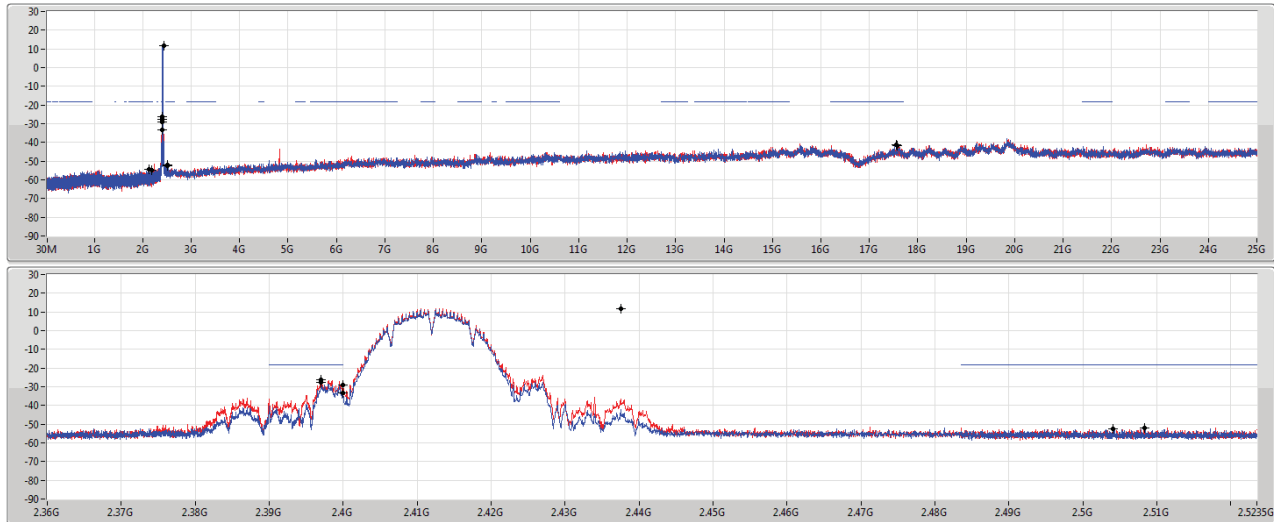
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	11.79	-18.21	2.19049G	-54.68	2.39702G	-27.79	2.4G	-33.46	2.50408G	-52.55	17.56309G	-41.42	1
2412MHz	Pass	2.43749G	11.79	-18.21	2.13283G	-54.58	2.39698G	-26.21	2.4G	-28.92	2.50828G	-51.97	17.57433G	-41.65	2
2437MHz	Pass	2.43749G	11.79	-18.21	2.30321G	-55.19	2.39716G	-52.13	2.4G	-53.56	2.50764G	-52.66	24.92695G	-41.04	1
2437MHz	Pass	2.43749G	11.79	-18.21	2.16341G	-53.65	2.39702G	-51.21	2.4835G	-54.10	2.48824G	-51.79	23.32831G	-41.78	2
2462MHz	Pass	2.43749G	11.79	-18.21	2.15176G	-55.06	2.39718G	-53.66	2.4835G	-46.98	2.48396G	-45.76	23.35079G	-41.64	1
2462MHz	Pass	2.43749G	11.79	-18.21	671.92M	-54.96	2.39284G	-52.57	2.4835G	-41.46	2.48746G	-38.62	15.21429G	-41.96	2
802.11g_Nss1(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41695G	6.94	-23.06	2.10661G	-54.55	2.3995G	-25.03	2.4G	-27.57	2.48878G	-51.64	16.23978G	-41.62	1
2412MHz	Pass	2.41695G	6.94	-23.06	2.30088G	-53.94	2.39764G	-23.68	2.4G	-27.34	2.52242G	-51.86	24.08408G	-41.94	2
2437MHz	Pass	2.43198G	8.28	-21.72	2.03409G	-54.02	2.39964G	-46.55	2.4G	-49.52	2.48454G	-52.63	24.60385G	-42.26	1
2437MHz	Pass	2.43198G	8.28	-21.72	2.14506G	-54.22	2.39764G	-44.19	2.4G	-48.22	2.48354G	-51.14	23.58117G	-41.15	2
2462MHz	Pass	2.43198G	8.28	-21.72	789.58M	-54.73	2.39528G	-52.63	2.4835G	-33.81	2.48412G	-34.01	17.46756G	-42.02	1
2462MHz	Pass	2.43198G	8.28	-21.72	2.14069G	-54.93	2.39024G	-52.62	2.4835G	-31.19	2.48352G	-29.54	15.21991G	-41.07	2
802.11n HT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	7.88	-22.12	2.30554G	-54.95	2.39698G	-24.32	2.4G	-26.76	2.49184G	-52.19	24.941G	-41.75	1
2412MHz	Pass	2.44196G	7.88	-22.12	1.9374G	-54.28	2.39728G	-22.66	2.4G	-24.06	2.48362G	-52.80	15.34634G	-42.16	2
2437MHz	Pass	2.44196G	7.88	-22.12	744.44M	-54.78	2.39972G	-47.99	2.4G	-49.57	2.52336G	-52.28	15.21429G	-41.86	1
2437MHz	Pass	2.44196G	7.88	-22.12	2.19894G	-54.76	2.39722G	-44.69	2.4G	-46.65	2.4851G	-49.70	24.96629G	-42.30	2
2462MHz	Pass	2.44196G	7.88	-22.12	2.17593G	-54.62	2.3913G	-53.13	2.4835G	-34.76	2.48384G	-34.09	23.2946G	-40.73	1
2462MHz	Pass	2.44196G	7.88	-22.12	2.19282G	-54.29	2.39988G	-53.33	2.4835G	-30.84	2.48356G	-31.00	23.32269G	-42.01	2
802.11n HT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	4.63	-25.37	856.4M	-54.17	2.39972G	-27.25	2.4G	-31.51	2.4867G	-51.09	16.27501G	-41.91	1
2422MHz	Pass	2.45198G	4.63	-25.37	2.3054G	-54.34	2.39968G	-28.21	2.4G	-32.31	2.48666G	-47.41	23.54443G	-41.52	2
2437MHz	Pass	2.45198G	4.63	-25.37	30.29M	-51.34	2.39988G	-28.87	2.4G	-34.13	2.48362G	-38.36	16.25537G	-41.56	1
2437MHz	Pass	2.45198G	4.63	-25.37	30.57M	-49.28	2.39988G	-25.49	2.4G	-31.54	2.48354G	-34.57	17.4389G	-41.79	2
2452MHz	Pass	2.45198G	4.63	-25.37	32.29M	-54.30	2.39828G	-43.58	2.4835G	-37.05	2.48362G	-32.92	15.24573G	-41.77	1
2452MHz	Pass	2.45198G	4.63	-25.37	30.57M	-53.20	2.39952G	-39.56	2.4835G	-32.84	2.48446G	-29.81	17.48938G	-41.51	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSENdB

15/04/2020



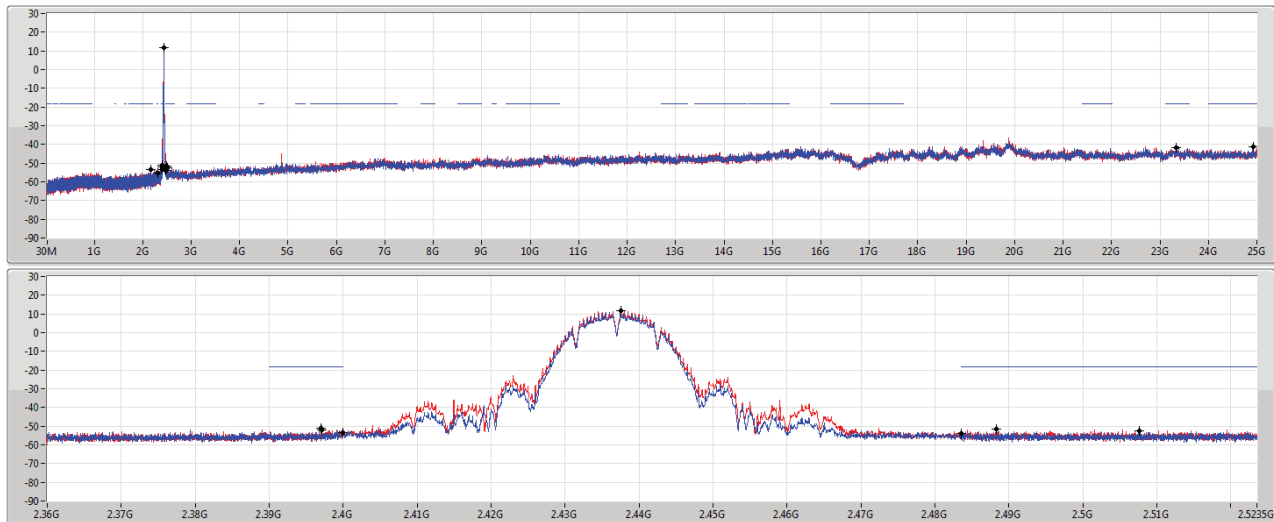
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2.43749G	11.79	-18.21	2.19049G	-54.68	2.39702G	-27.79	2.4G	-33.46	2.50408G	-52.55	17.56309G	-41.42	1
2.43749G	11.79	-18.21	2.13283G	-54.58	2.39698G	-26.21	2.4G	-28.92	2.50828G	-51.97	17.57433G	-41.65	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSENdB

15/04/2020



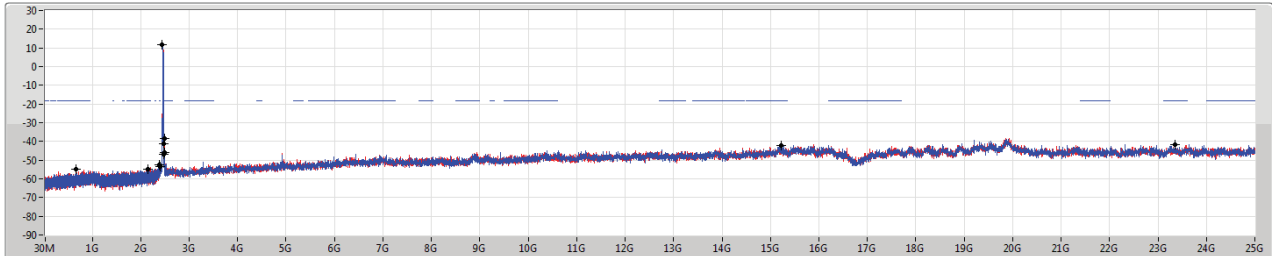
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	11.79	-18.21	2.30321G	-55.19	2.39716G	-52.13	2.4G	-53.56	2.50764G	-52.66	24.92695G	-41.04	1
2.43749G	11.79	-18.21	2.16341G	-53.65	2.39702G	-51.21	2.4835G	-54.10	2.48824G	-51.79	23.32831G	-41.78	2

802.11b_Nss1,(1Mbps)_2TX

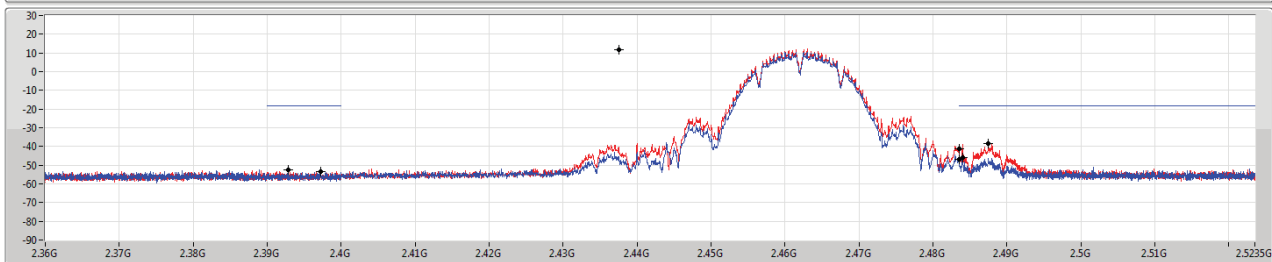
2462MHz

CSENdB

15/04/2020



Port 1
Port 2



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

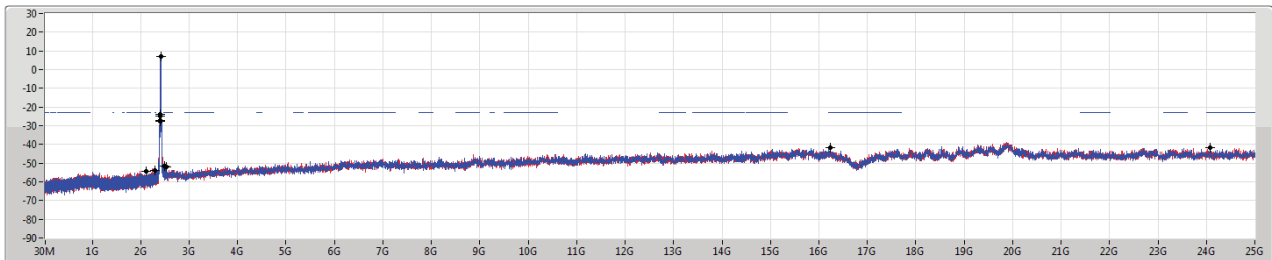
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	11.79	-18.21	2.15176G	-55.06	2.39718G	-53.66	2.4835G	-46.98	2.48396G	-45.76	2.5079G	-41.64	1
2.43749G	11.79	-18.21	671.92M	-54.96	2.39284G	-52.57	2.4835G	-41.46	2.48746G	-38.62	15.21429G	-41.96	2

802.11g_Nss1,(6Mbps)_2TX

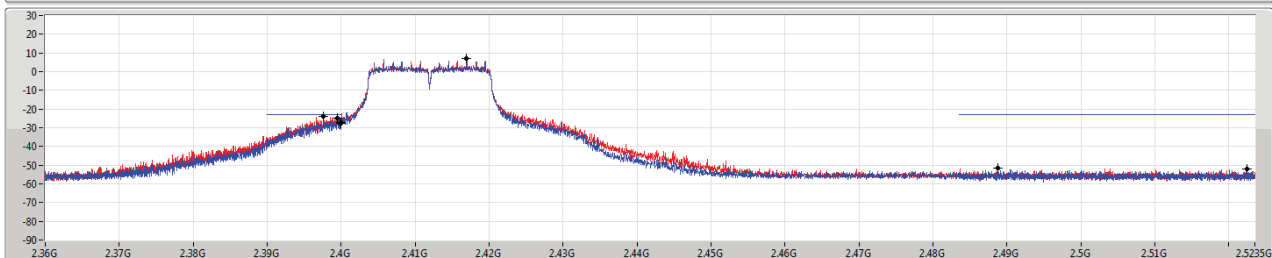
2412MHz

CSENdB

15/04/2020



Port 1
Port 2



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

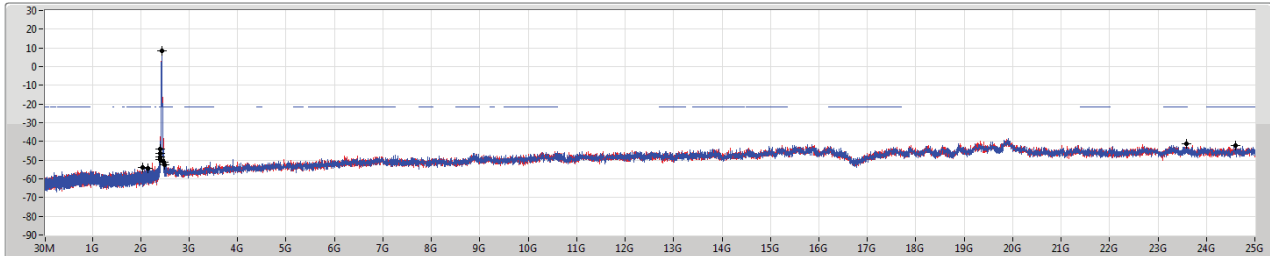
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41695G	6.94	-23.06	2.10661G	-54.55	2.3995G	-25.03	2.4G	-27.57	2.48078G	-51.64	16.23978G	-41.62	1
2.41695G	6.94	-23.06	2.30088G	-53.94	2.39764G	-23.68	2.4G	-27.34	2.52242G	-51.86	24.08408G	-41.94	2

802.11g_Nss1,(6Mbps)_2TX

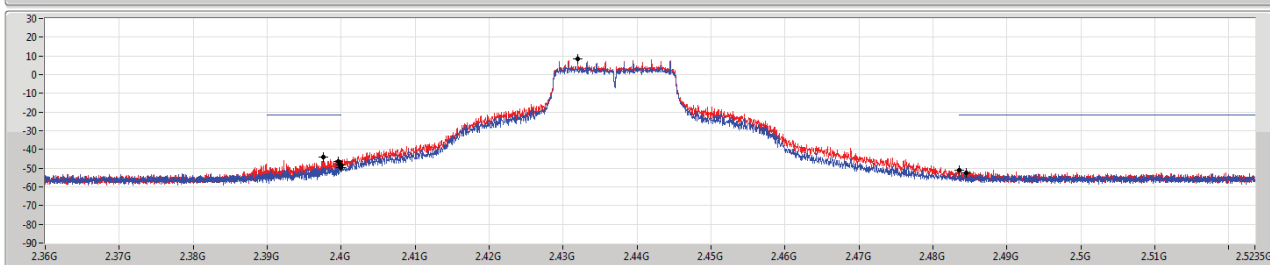
2437MHz

CSENdB

15/04/2020



Port 1
Port 2



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

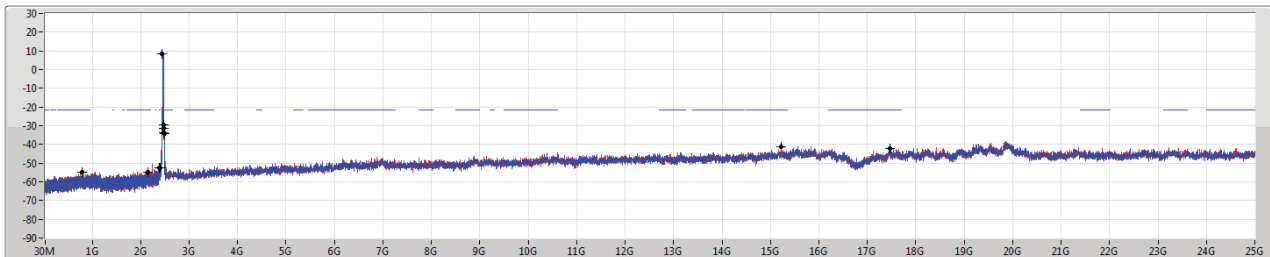
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	8.28	-21.72	2.03409G	-54.02	2.39964G	-46.55	2.4G	-49.52	2.48454G	-52.63	2.48385G	-42.26	1
2.43198G	8.28	-21.72	2.14506G	-54.22	2.39764G	-44.19	2.4G	-48.22	2.48354G	-51.14	2.58117G	-41.15	2

802.11g_Nss1,(6Mbps)_2TX

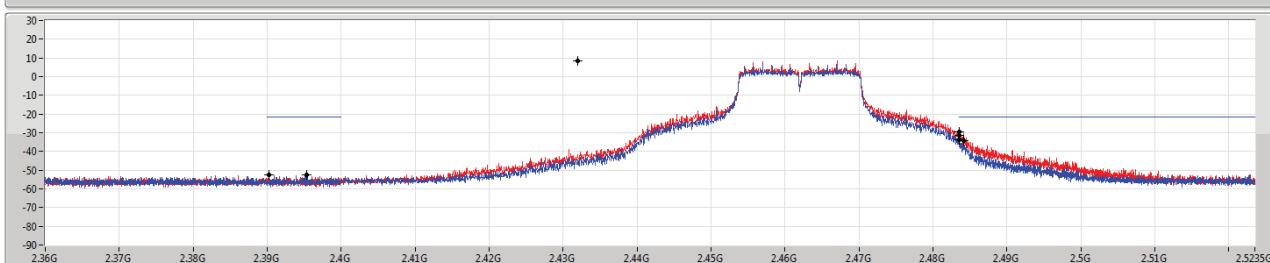
2462MHz

CSENdB

15/04/2020



Port 1
Port 2



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

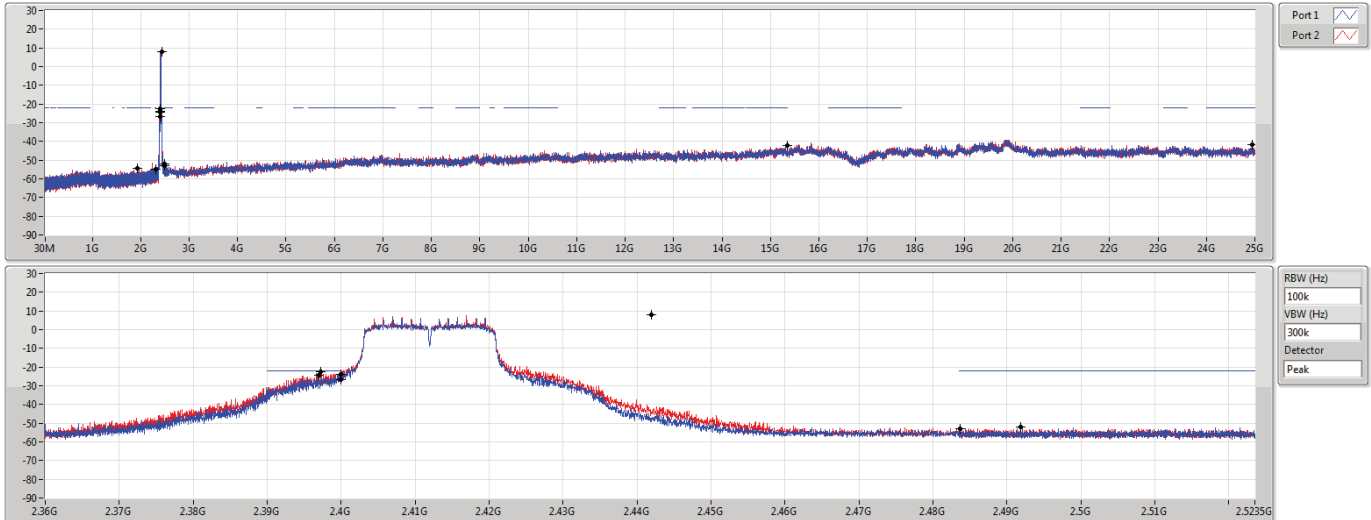
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	8.28	-21.72	789.58M	-54.73	2.39528G	-52.63	2.4835G	-33.81	2.48412G	-34.01	17.46756G	-42.02	1
2.43198G	8.28	-21.72	2.14069G	-54.93	2.39024G	-52.62	2.4835G	-31.19	2.48352G	-29.54	15.21991G	-41.07	2

802.11n HT20_Nss1,(MCS0)_2TX

CSENdB

2412MHz

15/04/2020

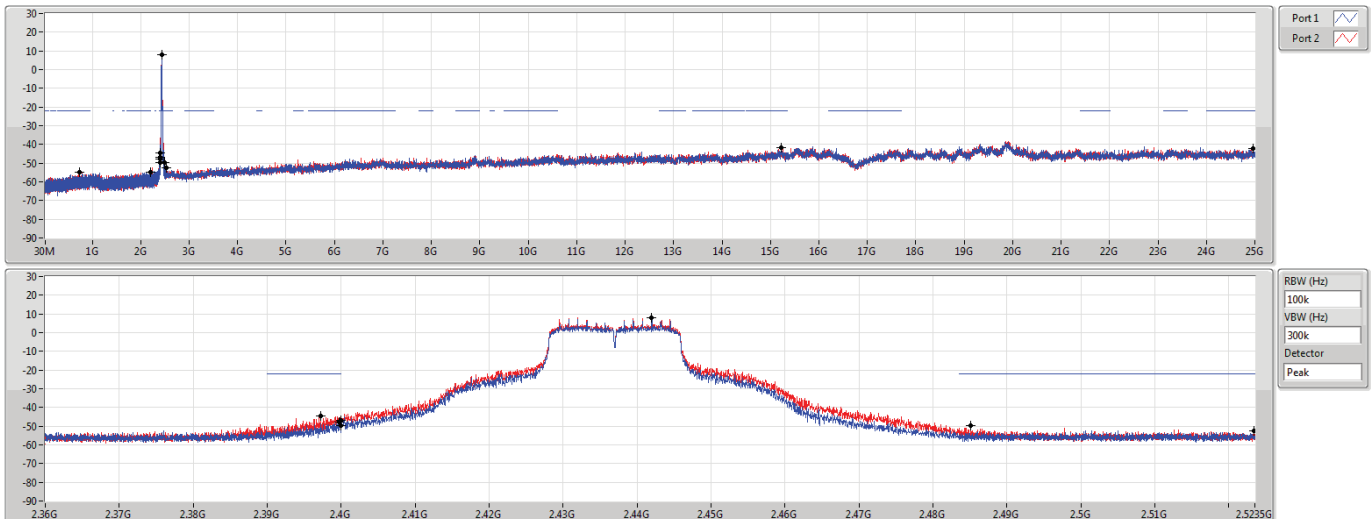


802.11n HT20_Nss1,(MCS0)_2TX

CSENdB

2437MHz

15/04/2020

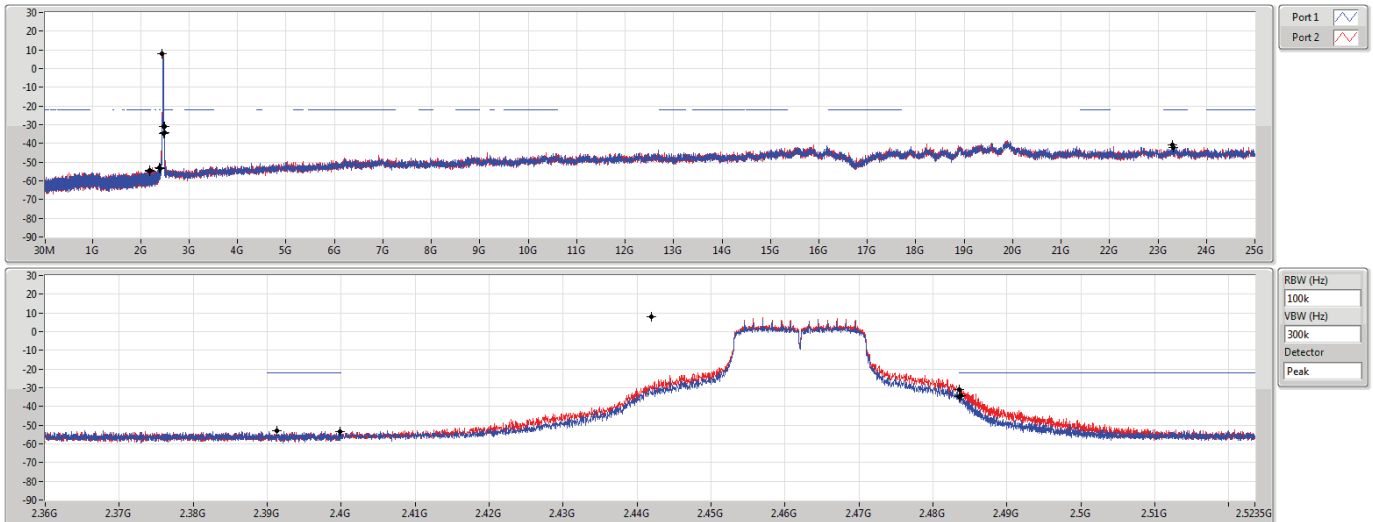


802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

15/04/2020



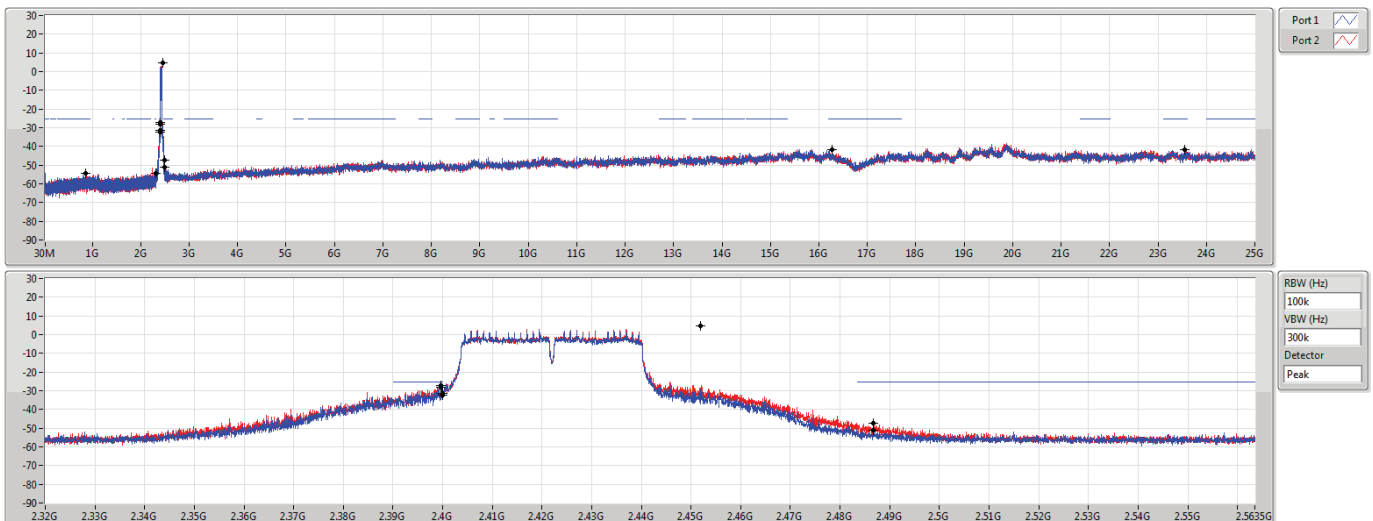
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	7.88	-22.12	2.17593G	-54.62	2.3913G	-53.13	2.4835G	-34.76	2.48384G	-34.09	23.2946G	-40.73	1
2.44196G	7.88	-22.12	2.19282G	-54.29	2.39988G	-53.33	2.4835G	-30.84	2.48356G	-31.00	23.3269G	-42.01	2

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

15/04/2020



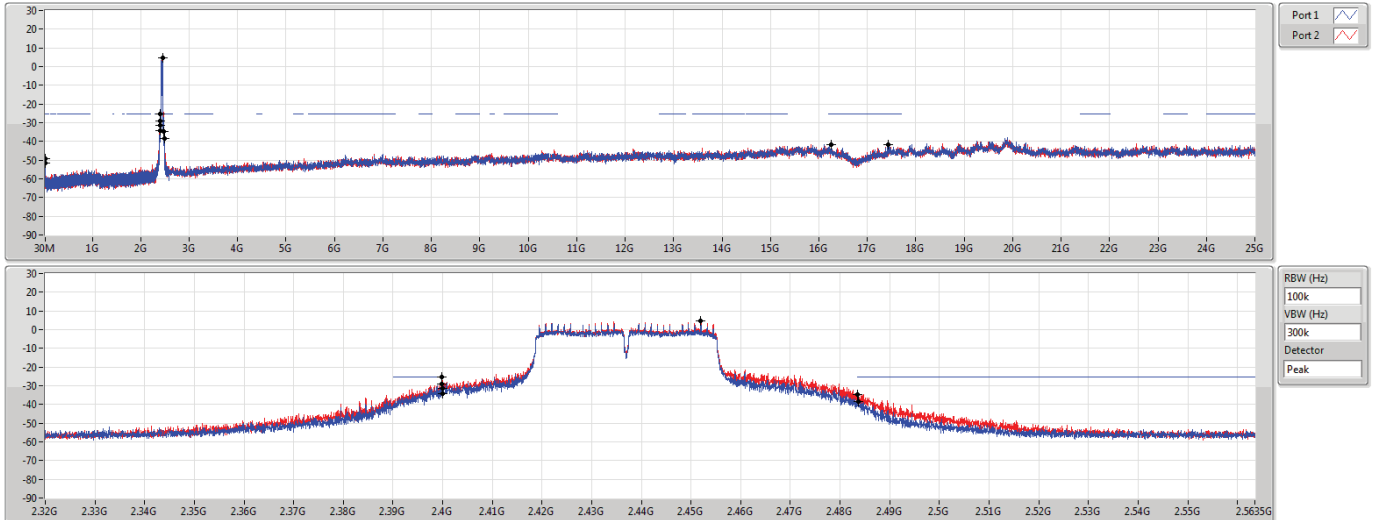
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	4.63	-25.37	856.4M	-54.17	2.39972G	-27.25	2.4G	-31.51	2.4867G	-51.09	16.27501G	-41.91	1
2.45198G	4.63	-25.37	2.3054G	-54.34	2.39988G	-28.21	2.4G	-32.31	2.48666G	-47.41	23.54443G	-41.52	2

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

15/04/2020



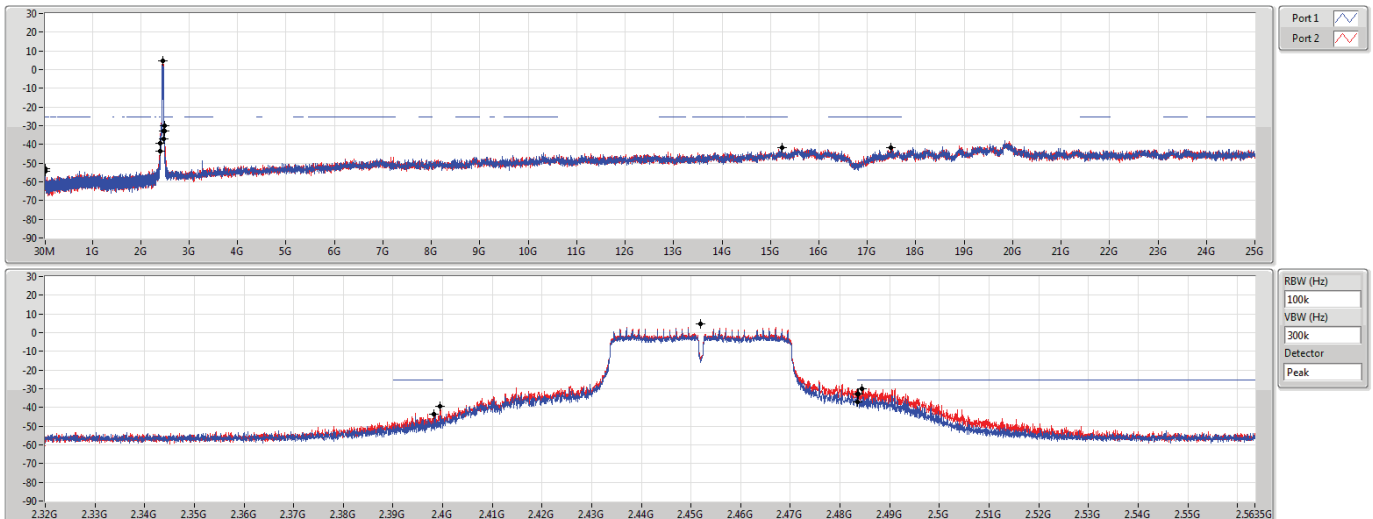
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	4.63	-25.37	30.29M	-51.34	2.39988G	-28.87	2.4G	-34.13	2.48362G	-38.36	16.25537G	-41.56	1
2.45198G	4.63	-25.37	30.57M	-49.28	2.39988G	-25.49	2.4G	-31.54	2.48354G	-34.57	17.4889G	-41.79	2

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

15/04/2020



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
2.45198G	4.63	-25.37	32.29M	-54.30	2.39828G	-43.58	2.4835G	-37.05	2.48362G	-32.92	15.24573G	-41.77	1
2.45198G	4.63	-25.37	30.57M	-53.20	2.39952G	-39.56	2.4835G	-32.84	2.48446G	-29.81	17.488938G	-41.51	2

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41298G	12.35	-17.65	2.15467G	-54.33	2.398G	-24.34	2.4G	-31.06	2.50338G	-52.10	23.4126G	-41.02	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	10.42	-19.58	2.30583G	-54.20	2.39886G	-31.88	2.4G	-34.22	2.50336G	-51.92	23.44631G	-39.69	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43073G	9.59	-20.41	2.30699G	-53.92	2.3995G	-32.91	2.4G	-32.67	2.50036G	-51.59	24.5898G	-41.05	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.45198G	2.98	-27.02	1.97994G	-53.28	2.39972G	-33.08	2.4G	-35.18	2.4835G	-51.48	23.43505G	-40.10	1

**Result**

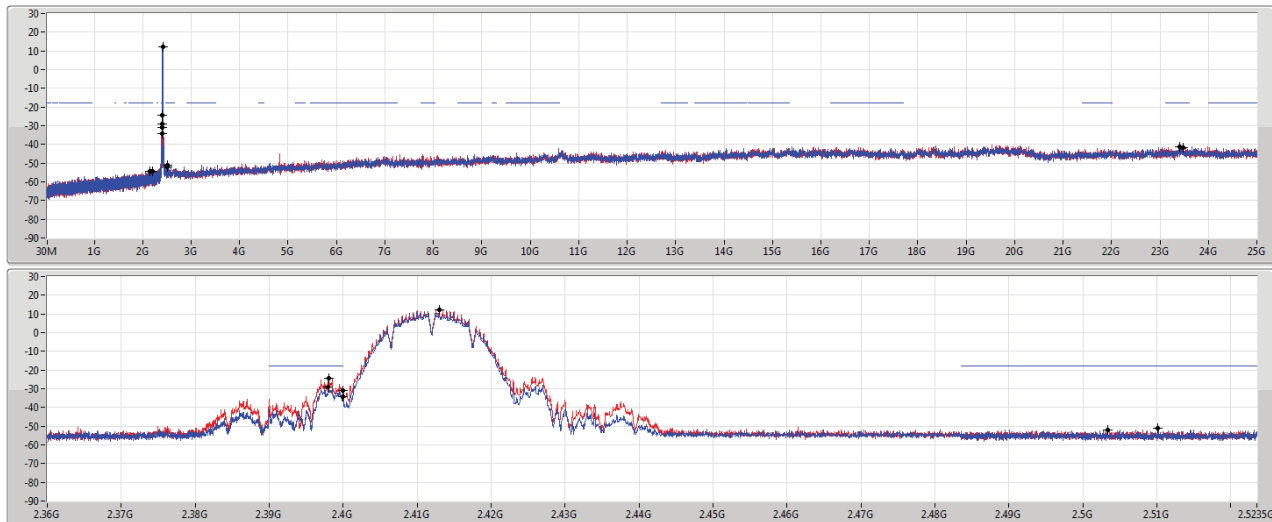
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41298G	12.35	-17.65	2.19894G	-54.37	2.39798G	-29.27	2.4G	-34.42	2.51016G	-51.32	23.4716G	-41.68	1
2412MHz	Pass	2.41298G	12.35	-17.65	2.15467G	-54.33	2.398G	-24.34	2.4G	-31.06	2.50338G	-52.10	23.4126G	-41.02	2
2437MHz	Pass	2.41298G	12.35	-17.65	2.19719G	-53.44	2.39728G	-51.90	2.4G	-52.21	2.5133G	-51.68	24.10656G	-41.19	1
2437MHz	Pass	2.41298G	12.35	-17.65	2.17069G	-54.42	2.39568G	-52.14	2.4G	-54.01	2.4877G	-51.67	16.70898G	-40.90	2
2462MHz	Pass	2.41298G	12.35	-17.65	2.30874G	-54.26	2.39366G	-53.04	2.4835G	-46.50	2.48798G	-45.10	14.96143G	-40.64	1
2462MHz	Pass	2.41298G	12.35	-17.65	1.64149G	-52.82	2.399G	-51.34	2.4835G	-41.31	2.48702G	-40.01	24.78366G	-41.34	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	10.42	-19.58	2.30379G	-53.75	2.3992G	-33.49	2.4G	-36.20	2.51134G	-51.96	16.52917G	-41.32	1
2412MHz	Pass	2.43073G	10.42	-19.58	2.30583G	-54.20	2.39886G	-31.88	2.4G	-34.22	2.50336G	-51.92	23.44631G	-39.69	2
2437MHz	Pass	2.43073G	10.42	-19.58	2.30641G	-54.04	2.39984G	-44.86	2.4G	-46.71	2.48408G	-50.04	15.32668G	-40.86	1
2437MHz	Pass	2.43073G	10.42	-19.58	2.11826G	-53.60	2.39824G	-42.30	2.4G	-45.09	2.48582G	-48.93	14.66362G	-40.95	2
2462MHz	Pass	2.43073G	10.42	-19.58	2.30292G	-53.58	2.39672G	-52.12	2.4835G	-41.97	2.48418G	-41.18	16.62188G	-40.32	1
2462MHz	Pass	2.43073G	10.42	-19.58	2.16632G	-54.35	2.39856G	-52.04	2.4835G	-39.67	2.48362G	-37.93	24.705G	-40.78	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.59	-20.41	2.15933G	-52.30	2.3999G	-34.77	2.4G	-36.37	2.49192G	-51.38	23.37607G	-41.11	1
2412MHz	Pass	2.43073G	9.59	-20.41	2.30699G	-53.92	2.3995G	-32.91	2.4G	-32.67	2.50036G	-51.59	24.5898G	-41.05	2
2437MHz	Pass	2.43073G	9.59	-20.41	2.11331G	-54.25	2.39976G	-44.36	2.4G	-46.40	2.48842G	-50.48	23.41822G	-40.45	1
2437MHz	Pass	2.43073G	9.59	-20.41	2.13428G	-54.41	2.39864G	-41.40	2.4G	-42.84	2.48404G	-47.32	15.33791G	-41.33	2
2462MHz	Pass	2.43073G	9.59	-20.41	2.16748G	-54.16	2.39466G	-52.59	2.4835G	-40.27	2.48414G	-37.86	16.81013G	-39.97	1
2462MHz	Pass	2.43073G	9.59	-20.41	2.30204G	-54.47	2.39322G	-52.37	2.4835G	-38.49	2.48412G	-35.52	16.84946G	-40.51	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	2.98	-27.02	1.97994G	-53.28	2.39972G	-33.08	2.4G	-35.18	2.4835G	-51.48	23.43505G	-40.10	1
2422MHz	Pass	2.45198G	2.98	-27.02	1.78271G	-54.05	2.39952G	-33.68	2.4G	-33.96	2.48634G	-48.76	23.16582G	-40.82	2
2437MHz	Pass	2.45198G	2.98	-27.02	2.1222G	-54.57	2.39484G	-37.08	2.4G	-40.45	2.48538G	-43.09	16.72935G	-40.84	1
2437MHz	Pass	2.45198G	2.98	-27.02	2.10903G	-53.97	2.3948G	-34.87	2.4G	-38.12	2.48394G	-39.50	16.77983G	-41.22	2
2452MHz	Pass	2.45198G	2.98	-27.02	2.15169G	-54.17	2.39824G	-45.40	2.4835G	-40.49	2.48574G	-37.64	14.99613G	-41.02	1
2452MHz	Pass	2.45198G	2.98	-27.02	1.92011G	-54.52	2.39924G	-44.05	2.4835G	-37.16	2.48446G	-34.74	24.04925G	-41.03	2

802.11b_Nss1,(1Mbps)_2TX

2412MHz

CSENdB

21/04/2020



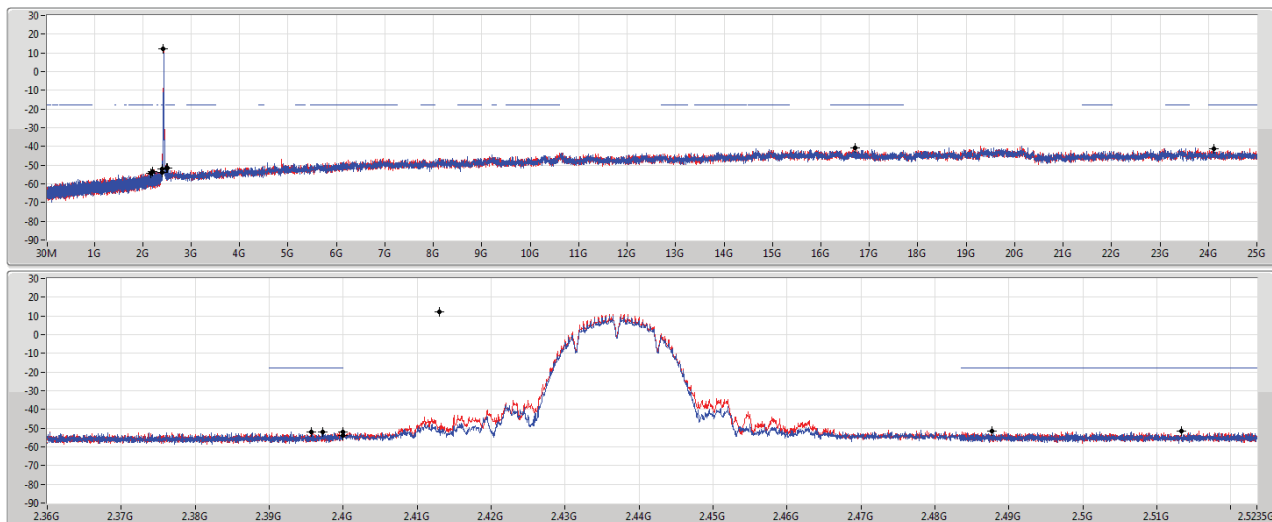
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	12.35	-17.65	2.19894G	-54.37	2.39798G	-29.27	2.4G	-34.42	2.51016G	-51.32	23.4716G	-41.68	1
2.41298G	12.35	-17.65	2.15467G	-54.33	2.398G	-24.34	2.4G	-31.06	2.50338G	-52.10	23.4126G	-41.02	2

802.11b_Nss1,(1Mbps)_2TX

2437MHz

CSENdB

21/04/2020



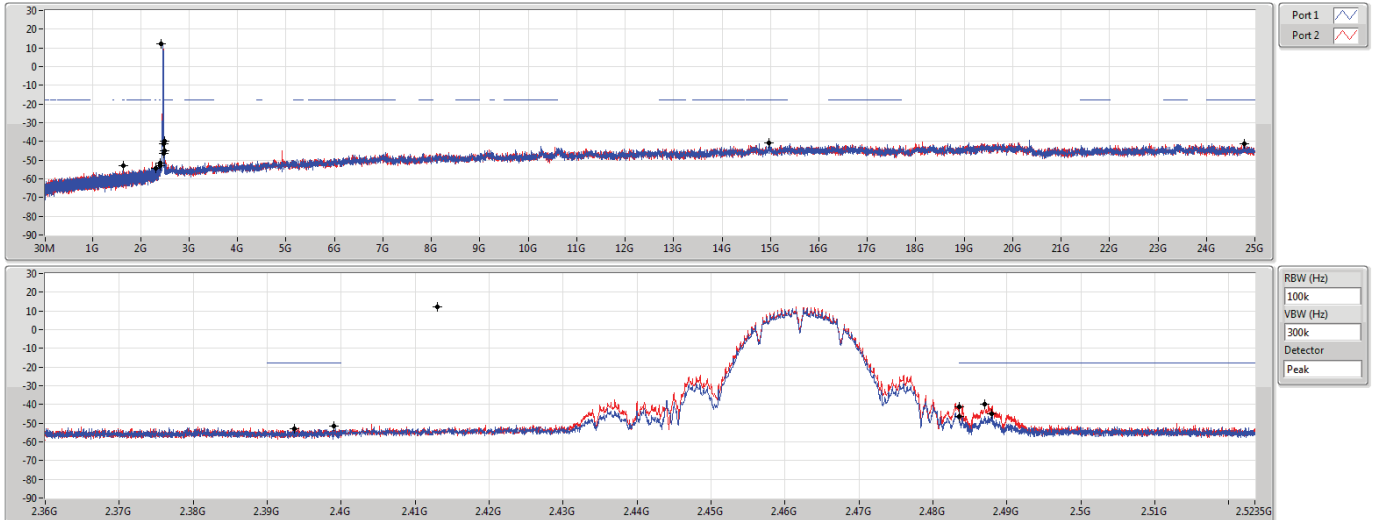
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	12.35	-17.65	2.19719G	-53.44	2.39728G	-51.90	2.4G	-52.21	2.5133G	-51.68	24.10656G	-41.19	1
2.41298G	12.35	-17.65	2.17069G	-54.42	2.39568G	-52.14	2.4G	-54.01	2.4877G	-51.67	16.70898G	-40.90	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

21/04/2020

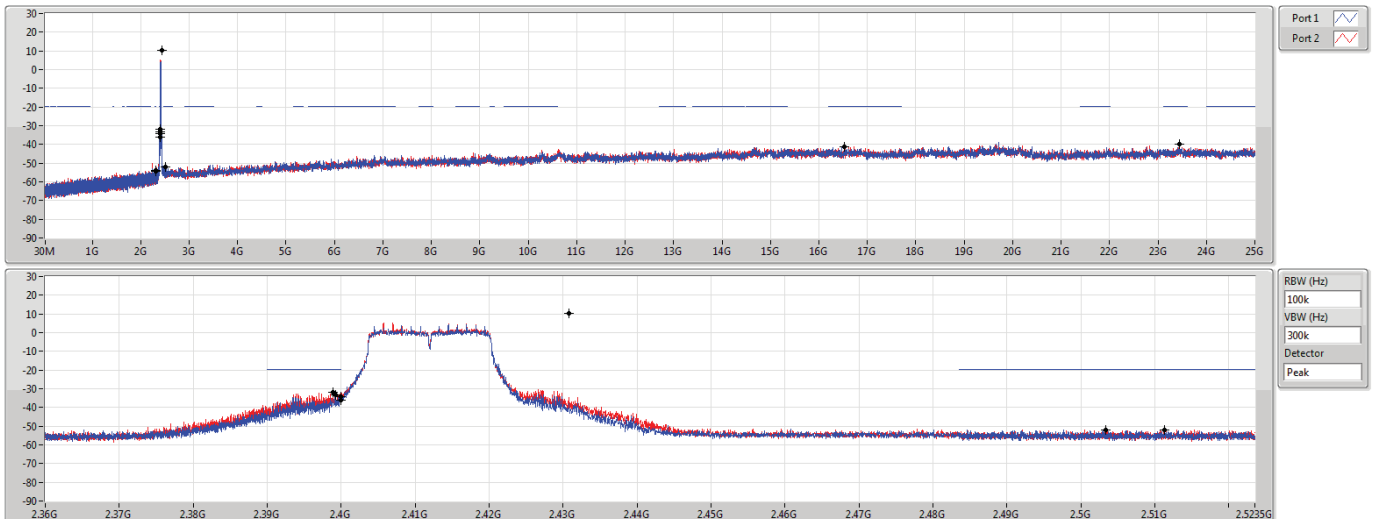


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

22/04/2020

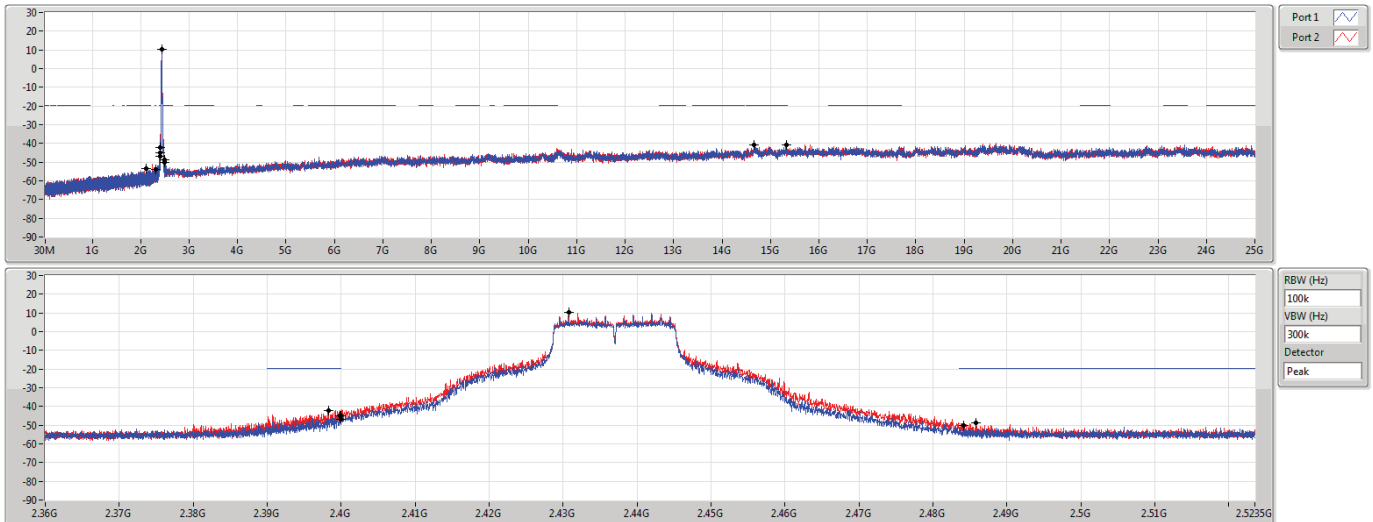


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

22/04/2020

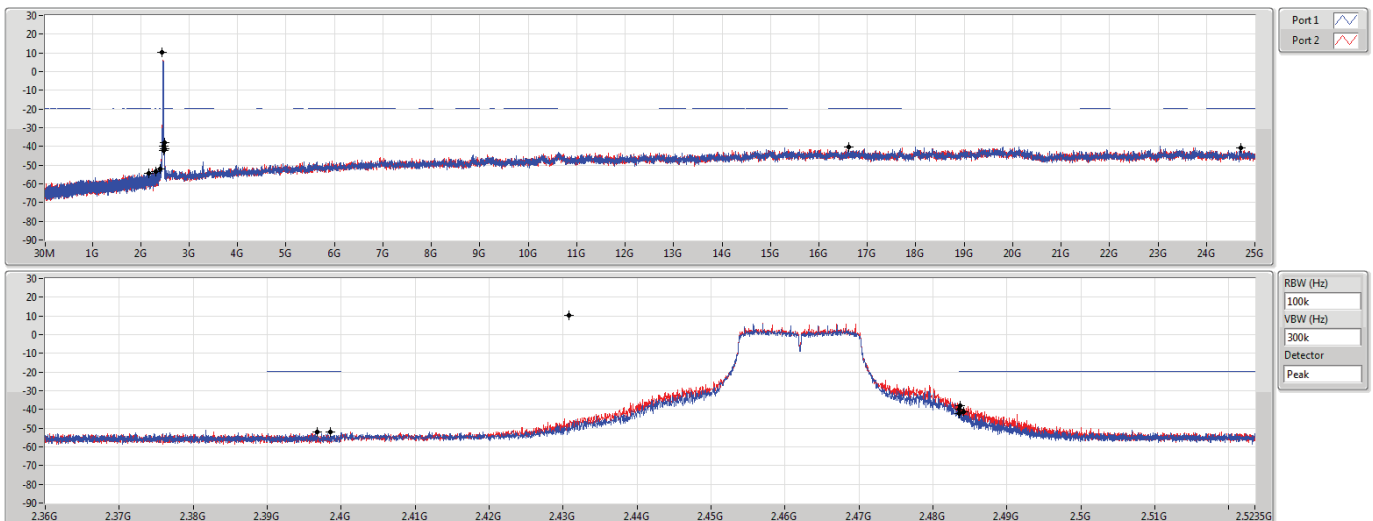


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

22/04/2020

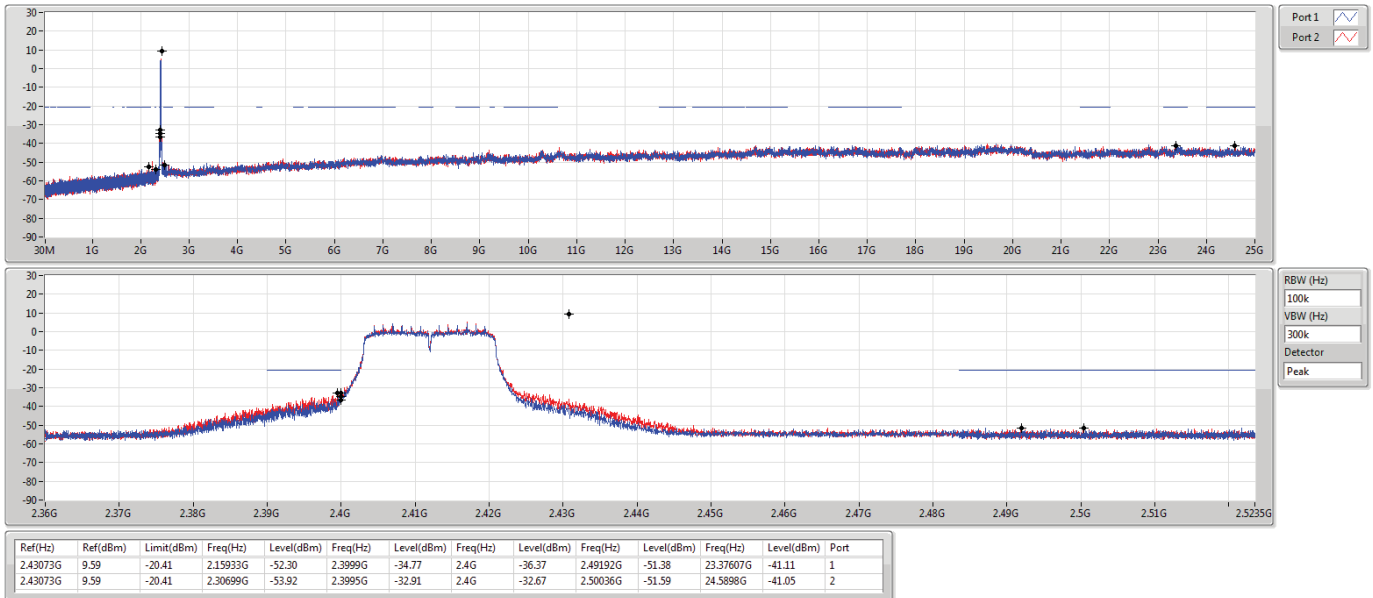


802.11n HT20_Nss1,(MCS0)_2TX

CSENdB

2412MHz

22/04/2020

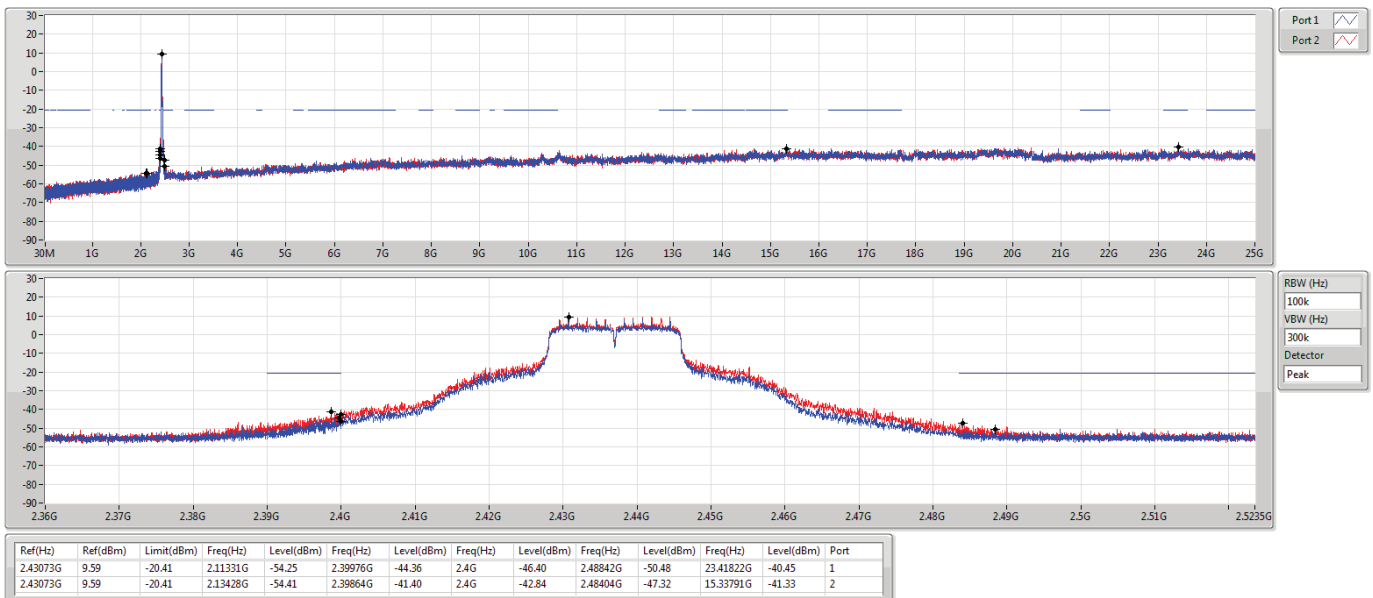


802.11n HT20_Nss1,(MCS0)_2TX

CSENdB

2437MHz

22/04/2020

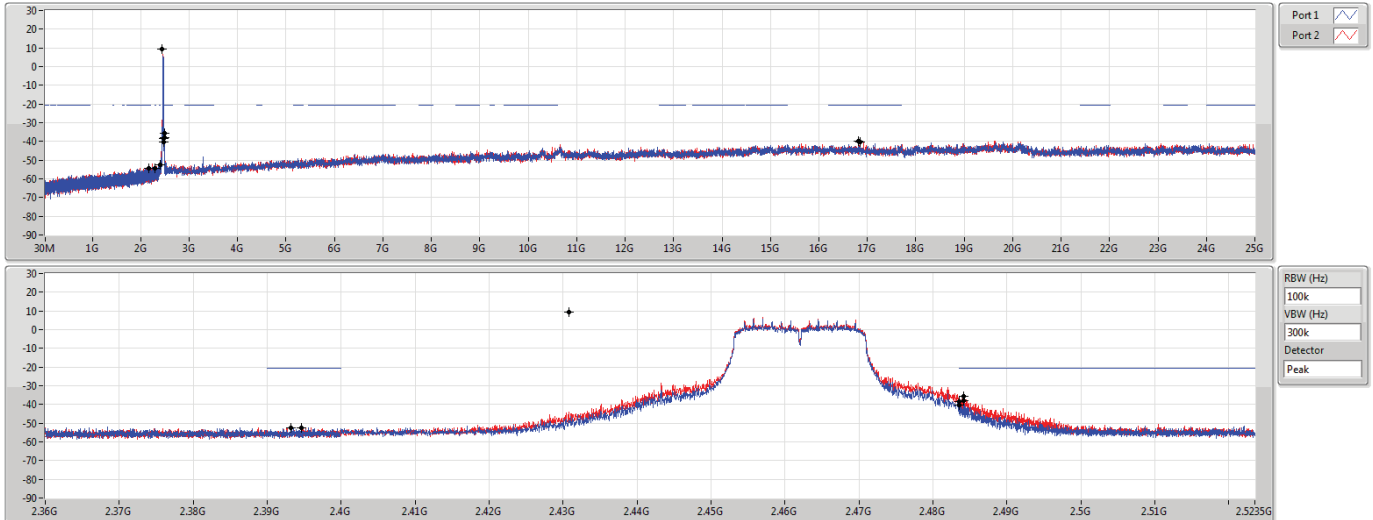


802.11n HT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

22/04/2020



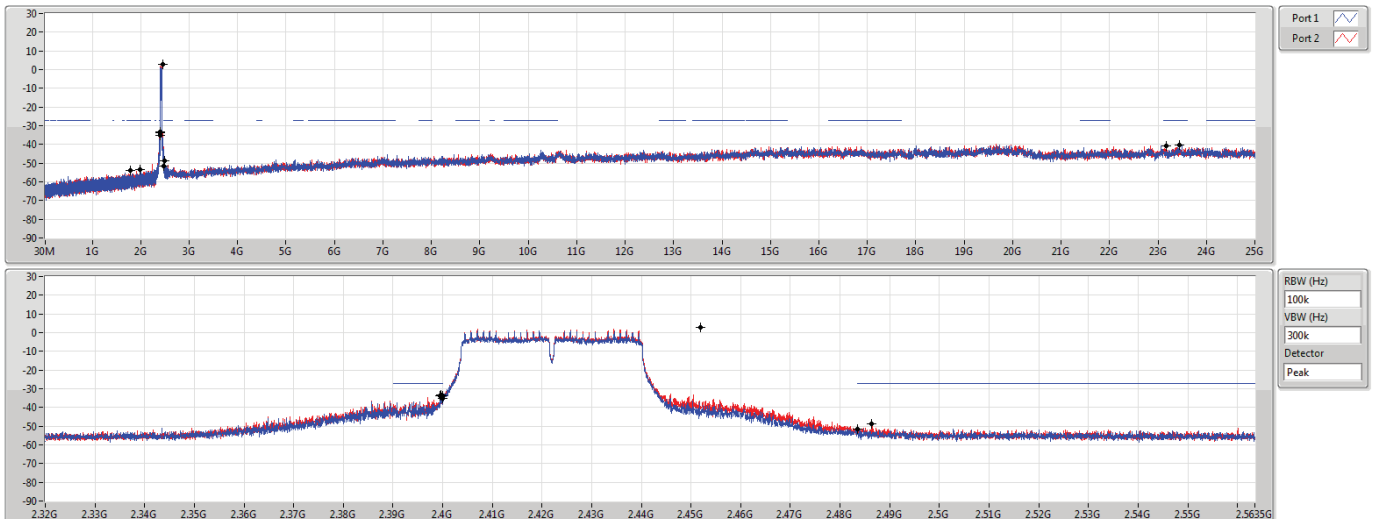
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	9.59	-20.41	2.16748G	-54.16	2.39466G	-52.59	2.4835G	-40.27	2.48414G	-37.86	16.81013G	-39.97	1
2.43073G	9.59	-20.41	2.30204G	-54.47	2.39322G	-52.37	2.4835G	-38.49	2.48412G	-35.52	16.84946G	-40.51	2

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

22/04/2020



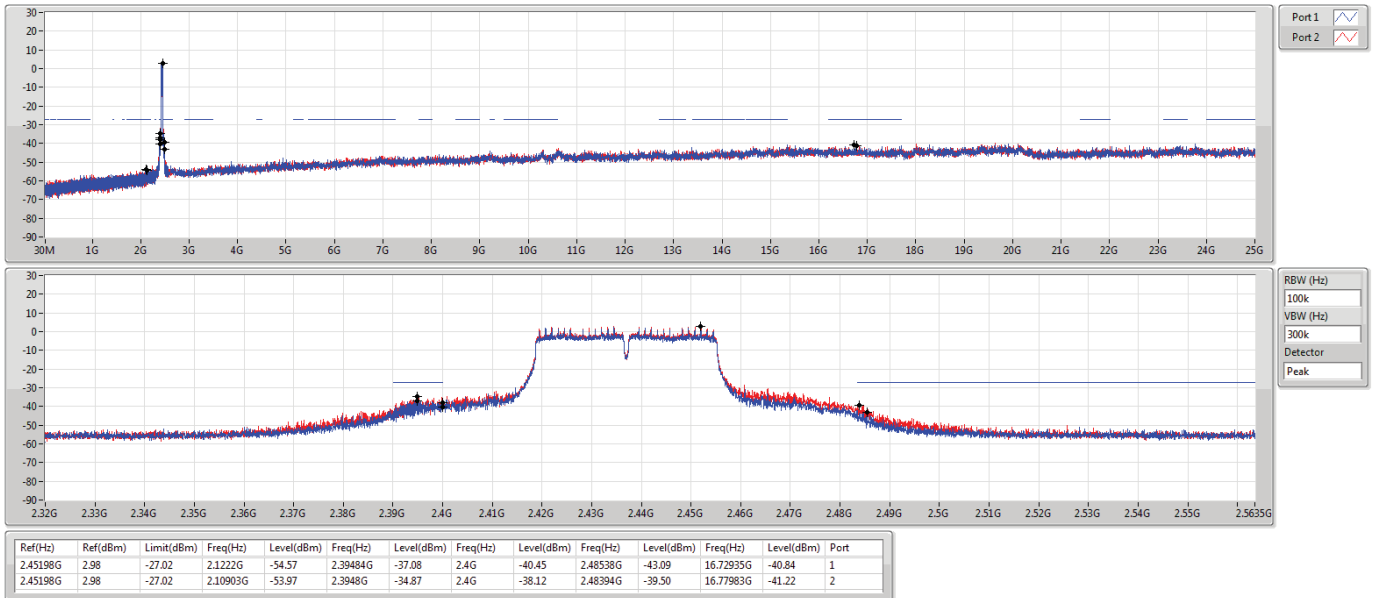
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	2.98	-27.02	1.97994G	-53.28	2.39972G	-33.08	2.4G	-35.18	2.4835G	-51.48	23.43505G	-40.10	1
2.45198G	2.98	-27.02	1.78271G	-54.05	2.39952G	-33.68	2.4G	-33.96	2.48634G	-48.76	23.16382G	-40.82	2

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

22/04/2020

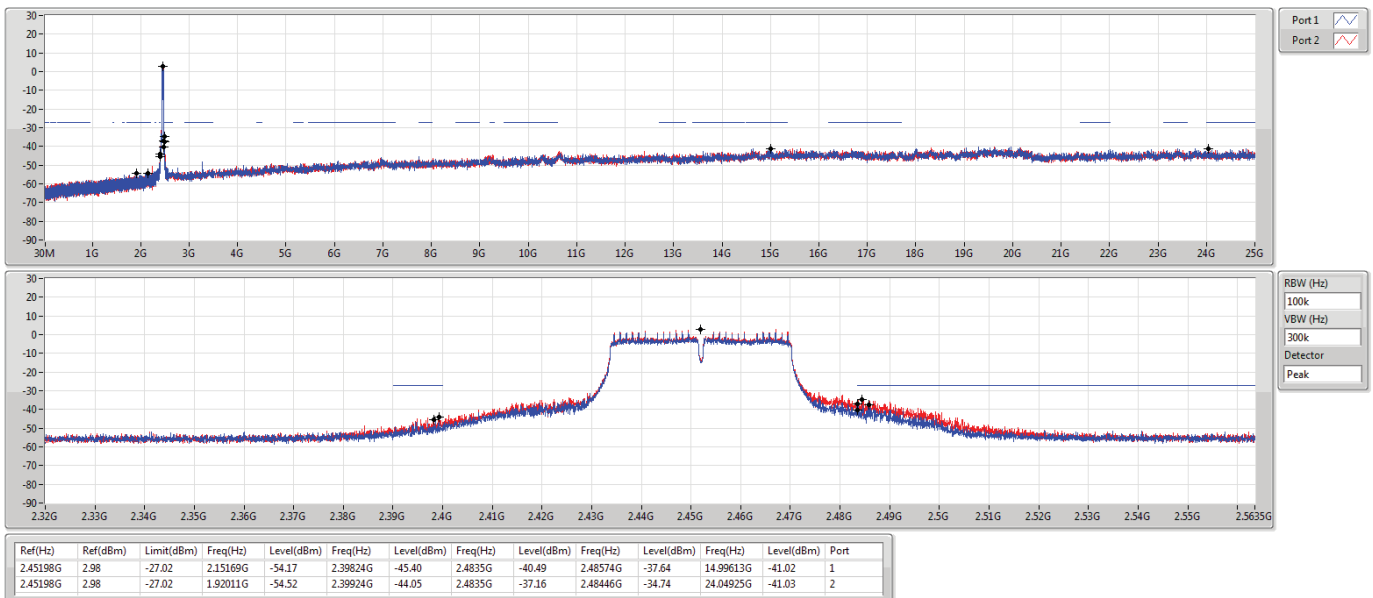


802.11n HT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

22/04/2020





Summary

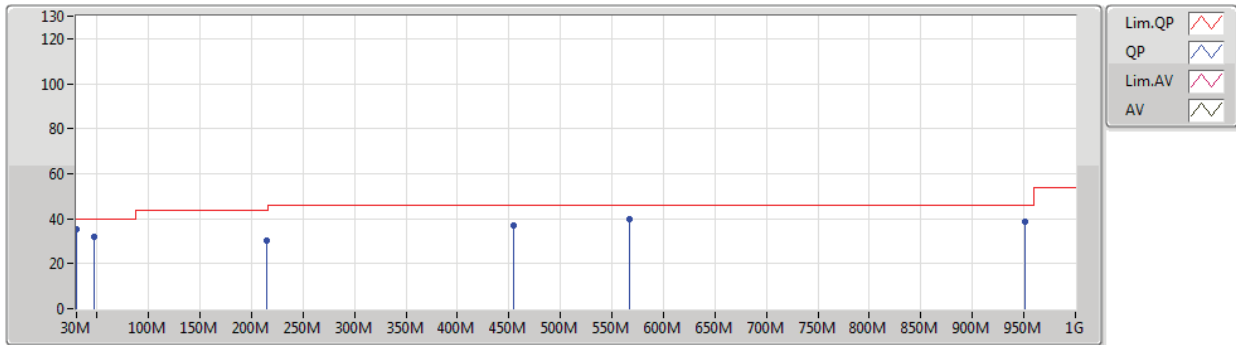
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	30M	35.21	40.00	-4.79	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	35.21	40.00	-4.79	3	Vertical	360	1.00	-
2437MHz	Pass	PK	47.46M	31.67	40.00	-8.33	3	Vertical	360	1.00	-
2437MHz	Pass	PK	214.3M	30.48	43.50	-13.02	3	Vertical	360	1.00	-
2437MHz	Pass	PK	454.86M	36.73	46.00	-9.27	3	Vertical	360	1.00	-
2437MHz	Pass	PK	567.38M	39.94	46.00	-6.06	3	Vertical	360	1.00	-
2437MHz	Pass	PK	951.5M	38.61	46.00	-7.39	3	Vertical	360	1.00	-
2437MHz	Pass	PK	30M	22.86	40.00	-17.14	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	144.46M	27.88	43.50	-15.62	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	204.6M	26.76	43.50	-16.74	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	569.32M	30.90	46.00	-15.10	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	749.74M	32.05	46.00	-13.95	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	850.62M	32.45	46.00	-13.55	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX 2437MHz_Switching Power Supply

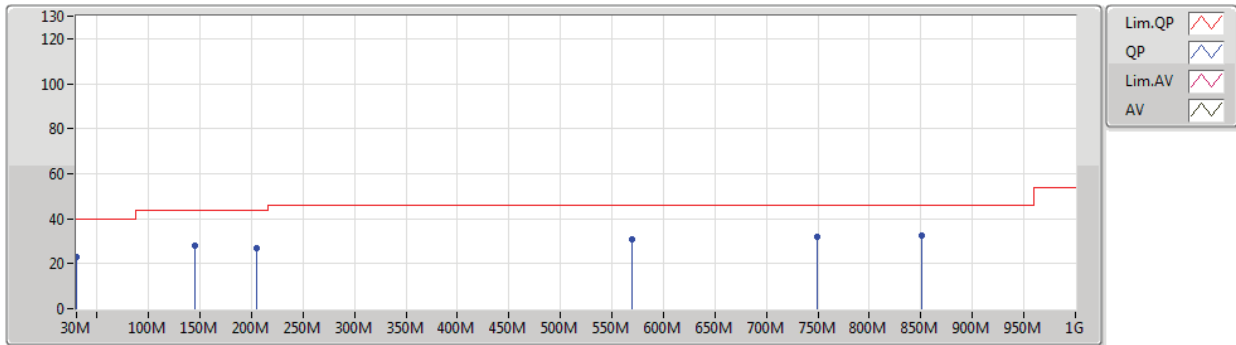
17/04/2020



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)
PK	30M	35.21	40.00	-4.79	-3.19	3	Vertical	360	1.00	-	38.40	23.48	0.90	27.57
PK	47.46M	31.67	40.00	-8.33	-12.24	3	Vertical	360	1.00	-	43.91	14.23	1.05	27.52
PK	214.3M	30.48	43.50	-13.02	-10.35	3	Vertical	360	1.00	-	40.83	14.13	2.39	26.87
PK	454.86M	36.73	46.00	-9.27	-2.29	3	Vertical	360	1.00	-	39.02	21.99	3.43	27.71
PK	567.38M	39.94	46.00	-6.06	-0.16	3	Vertical	360	1.00	-	40.10	23.92	3.97	28.05
PK	951.5M	38.61	46.00	-7.39	3.95	3	Vertical	360	1.00	-	34.66	25.95	5.40	27.40

802.11n HT40_Nss1,(MCS0)_2TX 2437MHz_Switching Power Supply

17/04/2020



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)
PK	30M	22.86	40.00	-17.14	-3.19	3	Horizontal	0	1.00	-	26.05	23.48	0.90	27.57
PK	144.46M	27.88	43.50	-15.62	-9.36	3	Horizontal	0	1.00	-	37.24	15.93	1.92	27.21
PK	204.6M	26.76	43.50	-16.74	-10.21	3	Horizontal	0	1.00	-	36.97	14.37	2.33	26.91
PK	569.32M	30.90	46.00	-15.10	-0.13	3	Horizontal	0	1.00	-	31.03	23.94	3.98	28.05
PK	749.74M	32.05	46.00	-13.95	1.34	3	Horizontal	0	1.00	-	30.71	24.78	4.60	28.04
PK	850.62M	32.45	46.00	-13.55	2.59	3	Horizontal	0	1.00	-	29.86	25.43	4.90	27.74

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3864G	46.56	54.00	-7.44	3	Horizontal	165	2.81	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.55	54.00	-0.45	3	Horizontal	176	2.76	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.34	54.00	-0.66	3	Horizontal	179	2.74	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3878G	53.77	54.00	-0.23	3	Horizontal	165	3.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3864G	45.17	54.00	-8.83	3	Vertical	179	1.50	-
2412MHz	Pass	AV	2.4112G	95.11	Inf	-Inf	3	Vertical	179	1.50	-
2412MHz	Pass	PK	2.3866G	56.42	74.00	-17.58	3	Vertical	179	1.50	-
2412MHz	Pass	PK	2.413G	99.40	Inf	-Inf	3	Vertical	179	1.50	-
2412MHz	Pass	AV	2.3864G	46.56	54.00	-7.44	3	Horizontal	165	2.81	-
2412MHz	Pass	AV	2.4112G	100.37	Inf	-Inf	3	Horizontal	165	2.81	-
2412MHz	Pass	PK	2.3866G	57.40	74.00	-16.60	3	Horizontal	165	2.81	-
2412MHz	Pass	PK	2.411G	104.25	Inf	-Inf	3	Horizontal	165	2.81	-
2412MHz	Pass	AV	4.82401G	39.92	54.00	-14.08	3	Vertical	190	1.65	-
2412MHz	Pass	PK	4.82416G	47.47	74.00	-26.53	3	Vertical	190	1.65	-
2412MHz	Pass	AV	4.82402G	44.41	54.00	-9.59	3	Horizontal	219	2.89	-
2412MHz	Pass	PK	4.8239G	49.84	74.00	-24.16	3	Horizontal	219	2.89	-
2437MHz	Pass	AV	2.3522G	44.65	54.00	-9.35	3	Vertical	189	1.50	-
2437MHz	Pass	AV	2.4354G	91.73	Inf	-Inf	3	Vertical	189	1.50	-
2437MHz	Pass	AV	2.4938G	44.39	54.00	-9.61	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.3534G	55.99	74.00	-18.01	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.4362G	95.59	Inf	-Inf	3	Vertical	189	1.50	-
2437MHz	Pass	PK	2.4866G	55.52	74.00	-18.48	3	Vertical	189	1.50	-
2437MHz	Pass	AV	2.339G	44.71	54.00	-9.29	3	Horizontal	180	1.50	-
2437MHz	Pass	AV	2.4386G	97.44	Inf	-Inf	3	Horizontal	180	1.50	-
2437MHz	Pass	AV	2.4858G	44.46	54.00	-9.54	3	Horizontal	180	1.50	-
2437MHz	Pass	PK	2.3374G	56.16	74.00	-17.84	3	Horizontal	180	1.50	-
2437MHz	Pass	PK	2.4362G	103.17	Inf	-Inf	3	Horizontal	180	1.50	-
2437MHz	Pass	PK	2.4838G	56.59	74.00	-17.41	3	Horizontal	180	1.50	-
2437MHz	Pass	AV	4.874G	41.41	54.00	-12.59	3	Vertical	183	1.49	-
2437MHz	Pass	PK	4.87418G	47.83	74.00	-26.17	3	Vertical	183	1.49	-
2437MHz	Pass	AV	4.87401G	45.61	54.00	-8.39	3	Horizontal	218	2.79	-
2437MHz	Pass	PK	4.87399G	50.45	74.00	-23.55	3	Horizontal	218	2.79	-
2462MHz	Pass	AV	2.4612G	92.94	Inf	-Inf	3	Vertical	178	1.60	-
2462MHz	Pass	AV	2.4835G	44.73	54.00	-9.27	3	Vertical	178	1.60	-
2462MHz	Pass	PK	2.463G	97.74	Inf	-Inf	3	Vertical	178	1.60	-
2462MHz	Pass	PK	2.4882G	56.61	74.00	-17.39	3	Vertical	178	1.60	-
2462MHz	Pass	AV	2.4638G	98.53	Inf	-Inf	3	Horizontal	190	3.00	-
2462MHz	Pass	AV	2.4835G	46.47	54.00	-7.53	3	Horizontal	190	3.00	-
2462MHz	Pass	PK	2.463G	102.99	Inf	-Inf	3	Horizontal	190	3.00	-
2462MHz	Pass	PK	2.4842G	57.14	74.00	-16.86	3	Horizontal	190	3.00	-
2462MHz	Pass	AV	4.92403G	38.30	54.00	-15.70	3	Vertical	180	1.52	-
2462MHz	Pass	PK	4.92388G	47.16	74.00	-26.84	3	Vertical	180	1.52	-
2462MHz	Pass	AV	4.924G	42.05	54.00	-11.95	3	Horizontal	231	3.00	-
2462MHz	Pass	PK	4.924G	48.48	74.00	-25.52	3	Horizontal	231	3.00	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.33	54.00	-6.67	3	Vertical	180	1.49	-
2412MHz	Pass	AV	2.4162G	88.06	Inf	-Inf	3	Vertical	180	1.49	-
2412MHz	Pass	PK	2.3892G	60.85	74.00	-13.15	3	Vertical	180	1.49	-
2412MHz	Pass	PK	2.416G	97.99	Inf	-Inf	3	Vertical	180	1.49	-
2412MHz	Pass	AV	2.39G	53.55	54.00	-0.45	3	Horizontal	176	2.76	-
2412MHz	Pass	AV	2.4064G	93.99	Inf	-Inf	3	Horizontal	176	2.76	-



RSE TX above 1GHz_Host 1

Appendix F.1.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.39G	69.53	74.00	-4.47	3	Horizontal	176	2.76	-
2412MHz	Pass	PK	2.406G	103.62	Inf	-Inf	3	Horizontal	176	2.76	-
2412MHz	Pass	AV	4.82218G	31.71	54.00	-22.29	3	Vertical	192	1.00	-
2412MHz	Pass	PK	4.82599G	44.84	74.00	-29.16	3	Vertical	192	1.00	-
2412MHz	Pass	AV	4.82586G	32.97	54.00	-21.03	3	Horizontal	215	2.95	-
2412MHz	Pass	PK	4.82317G	46.49	74.00	-27.51	3	Horizontal	215	2.95	-
2437MHz	Pass	AV	2.3378G	44.92	54.00	-9.08	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.4306G	88.78	Inf	-Inf	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.4846G	44.67	54.00	-9.33	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.3562G	56.32	74.00	-17.68	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.431G	97.83	Inf	-Inf	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.4918G	56.34	74.00	-17.66	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.3478G	44.96	54.00	-9.04	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	2.4418G	92.55	Inf	-Inf	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	2.4922G	44.76	54.00	-9.24	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.3734G	56.74	74.00	-17.26	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.4422G	102.35	Inf	-Inf	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.4846G	55.57	74.00	-18.43	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	4.87166G	32.31	54.00	-21.69	3	Vertical	184	1.50	-
2437MHz	Pass	PK	4.87532G	45.39	74.00	-28.61	3	Vertical	184	1.50	-
2437MHz	Pass	AV	4.87448G	33.62	54.00	-20.38	3	Horizontal	217	2.78	-
2437MHz	Pass	PK	4.87442G	46.71	74.00	-27.29	3	Horizontal	217	2.78	-
2462MHz	Pass	AV	2.4662G	86.82	Inf	-Inf	3	Vertical	179	2.01	-
2462MHz	Pass	AV	2.4835G	49.17	54.00	-4.83	3	Vertical	179	2.01	-
2462MHz	Pass	PK	2.466G	96.53	Inf	-Inf	3	Vertical	179	2.01	-
2462MHz	Pass	PK	2.4835G	65.35	74.00	-8.65	3	Vertical	179	2.01	-
2462MHz	Pass	AV	2.4556G	93.39	Inf	-Inf	3	Horizontal	178	2.78	-
2462MHz	Pass	AV	2.4835G	53.20	54.00	-0.80	3	Horizontal	178	2.78	-
2462MHz	Pass	PK	2.4558G	103.11	Inf	-Inf	3	Horizontal	178	2.78	-
2462MHz	Pass	PK	2.4835G	70.23	74.00	-3.77	3	Horizontal	178	2.78	-
2462MHz	Pass	AV	4.93132G	31.75	54.00	-22.25	3	Vertical	197	1.50	-
2462MHz	Pass	PK	4.9108G	44.93	74.00	-29.07	3	Vertical	197	1.50	-
2462MHz	Pass	AV	4.92472G	32.02	54.00	-21.98	3	Horizontal	219	3.00	-
2462MHz	Pass	PK	4.91674G	45.22	74.00	-28.78	3	Horizontal	219	3.00	-
802.11n HT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.62	54.00	-3.38	3	Vertical	179	1.92	-
2412MHz	Pass	AV	2.4178G	88.57	Inf	-Inf	3	Vertical	179	1.92	-
2412MHz	Pass	PK	2.3886G	66.14	74.00	-7.86	3	Vertical	179	1.92	-
2412MHz	Pass	PK	2.415G	98.53	Inf	-Inf	3	Vertical	179	1.92	-
2412MHz	Pass	AV	2.39G	53.34	54.00	-0.66	3	Horizontal	179	2.74	-
2412MHz	Pass	AV	2.4062G	92.92	Inf	-Inf	3	Horizontal	179	2.74	-
2412MHz	Pass	PK	2.3888G	69.78	74.00	-4.22	3	Horizontal	179	2.74	-
2412MHz	Pass	PK	2.4062G	102.72	Inf	-Inf	3	Horizontal	179	2.74	-
2412MHz	Pass	AV	4.83076G	31.94	54.00	-22.06	3	Vertical	168	1.50	-
2412MHz	Pass	PK	4.8324G	45.36	74.00	-28.64	3	Vertical	168	1.50	-
2412MHz	Pass	AV	4.82852G	32.23	54.00	-21.77	3	Horizontal	237	2.80	-
2412MHz	Pass	PK	4.82476G	45.52	74.00	-28.48	3	Horizontal	237	2.80	-
2417MHz	Pass	AV	2.3884G	45.40	54.00	-8.60	3	Vertical	179	1.50	-
2417MHz	Pass	AV	2.4114G	89.05	Inf	-Inf	3	Vertical	179	1.50	-



RSE TX above 1GHz_Host 1

Appendix F.1.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.3876G	56.78	74.00	-17.22	3	Vertical	179	1.50	-
2417MHz	Pass	PK	2.4102G	99.01	Inf	-Inf	3	Vertical	179	1.50	-
2417MHz	Pass	AV	2.39G	47.67	54.00	-6.33	3	Horizontal	178	3.00	-
2417MHz	Pass	AV	2.4224G	93.68	Inf	-Inf	3	Horizontal	178	3.00	-
2417MHz	Pass	PK	2.3882G	60.84	74.00	-13.16	3	Horizontal	178	3.00	-
2417MHz	Pass	PK	2.424G	102.95	Inf	-Inf	3	Horizontal	178	3.00	-
2437MHz	Pass	AV	2.3386G	44.87	54.00	-9.13	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.4314G	88.97	Inf	-Inf	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.4838G	44.67	54.00	-9.33	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.379G	57.31	74.00	-16.69	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.4334G	98.93	Inf	-Inf	3	Vertical	190	2.03	-
2437MHz	Pass	PK	2.4978G	56.45	74.00	-17.55	3	Vertical	190	2.03	-
2437MHz	Pass	AV	2.3406G	44.92	54.00	-9.08	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	2.4434G	93.22	Inf	-Inf	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	2.4882G	44.76	54.00	-9.24	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.345G	56.66	74.00	-17.34	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.4418G	103.49	Inf	-Inf	3	Horizontal	180	3.00	-
2437MHz	Pass	PK	2.495G	55.81	74.00	-18.19	3	Horizontal	180	3.00	-
2437MHz	Pass	AV	4.8725G	32.01	54.00	-21.99	3	Vertical	183	2.05	-
2437MHz	Pass	PK	4.87442G	45.02	74.00	-28.98	3	Vertical	183	2.05	-
2437MHz	Pass	AV	4.8731G	33.26	54.00	-20.74	3	Horizontal	218	2.79	-
2437MHz	Pass	PK	4.87982G	46.22	74.00	-27.78	3	Horizontal	218	2.79	-
2457MHz	Pass	AV	2.4628G	86.60	Inf	-Inf	3	Vertical	199	1.73	-
2457MHz	Pass	AV	2.4835G	45.11	54.00	-8.89	3	Vertical	199	1.73	-
2457MHz	Pass	PK	2.4632G	96.25	Inf	-Inf	3	Vertical	199	1.73	-
2457MHz	Pass	PK	2.485G	58.61	74.00	-15.39	3	Vertical	199	1.73	-
2457MHz	Pass	AV	2.4528G	93.97	Inf	-Inf	3	Horizontal	168	2.91	-
2457MHz	Pass	AV	2.4835G	47.11	54.00	-6.89	3	Horizontal	168	2.91	-
2457MHz	Pass	PK	2.4548G	103.47	Inf	-Inf	3	Horizontal	168	2.91	-
2457MHz	Pass	PK	2.4854G	62.85	74.00	-11.15	3	Horizontal	168	2.91	-
2462MHz	Pass	AV	2.4686G	85.77	Inf	-Inf	3	Vertical	199	1.78	-
2462MHz	Pass	AV	2.4835G	48.40	54.00	-5.60	3	Vertical	199	1.78	-
2462MHz	Pass	PK	2.4684G	94.96	Inf	-Inf	3	Vertical	199	1.78	-
2462MHz	Pass	PK	2.4836G	64.74	74.00	-9.26	3	Vertical	199	1.78	-
2462MHz	Pass	AV	2.4558G	92.07	Inf	-Inf	3	Horizontal	163	3.00	-
2462MHz	Pass	AV	2.4835G	52.89	54.00	-1.11	3	Horizontal	163	3.00	-
2462MHz	Pass	PK	2.4556G	102.38	Inf	-Inf	3	Horizontal	163	3.00	-
2462MHz	Pass	PK	2.484G	70.76	74.00	-3.24	3	Horizontal	163	3.00	-
2462MHz	Pass	AV	4.92544G	31.55	54.00	-22.45	3	Vertical	230	1.50	-
2462MHz	Pass	PK	4.93408G	44.79	74.00	-29.21	3	Vertical	230	1.50	-
2462MHz	Pass	AV	4.92412G	31.57	54.00	-22.43	3	Horizontal	182	2.43	-
2462MHz	Pass	PK	4.93804G	44.91	74.00	-29.09	3	Horizontal	182	2.43	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	46.91	54.00	-7.09	3	Vertical	178	1.50	-
2422MHz	Pass	AV	2.4072G	83.11	Inf	-Inf	3	Vertical	178	1.50	-
2422MHz	Pass	AV	2.4908G	45.13	54.00	-8.87	3	Vertical	178	1.50	-
2422MHz	Pass	PK	2.3884G	61.84	74.00	-12.16	3	Vertical	178	1.50	-
2422MHz	Pass	PK	2.4088G	92.72	Inf	-Inf	3	Vertical	178	1.50	-
2422MHz	Pass	PK	2.4924G	55.91	74.00	-18.09	3	Vertical	178	1.50	-



RSE TX above 1GHz_Host 1

Appendix F.1.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.388G	53.49	54.00	-0.51	3	Horizontal	165	3.00	-
2422MHz	Pass	AV	2.4076G	89.20	Inf	-Inf	3	Horizontal	165	3.00	-
2422MHz	Pass	AV	2.4844G	45.41	54.00	-8.59	3	Horizontal	165	3.00	-
2422MHz	Pass	PK	2.388G	69.62	74.00	-4.38	3	Horizontal	165	3.00	-
2422MHz	Pass	PK	2.408G	97.86	Inf	-Inf	3	Horizontal	165	3.00	-
2422MHz	Pass	PK	2.486G	56.45	74.00	-17.55	3	Horizontal	165	3.00	-
2422MHz	Pass	AV	4.8515G	32.78	54.00	-21.22	3	Vertical	16	1.77	-
2422MHz	Pass	PK	4.85882G	46.15	74.00	-27.85	3	Vertical	16	1.77	-
2422MHz	Pass	AV	4.85204G	32.47	54.00	-21.53	3	Horizontal	111	1.69	-
2422MHz	Pass	PK	4.84298G	44.63	74.00	-29.37	3	Horizontal	111	1.69	-
2427MHz	Pass	AV	2.3898G	49.72	54.00	-4.28	3	Vertical	179	1.69	-
2427MHz	Pass	AV	2.4262G	84.82	Inf	-Inf	3	Vertical	179	1.69	-
2427MHz	Pass	AV	2.4854G	45.21	54.00	-8.79	3	Vertical	179	1.69	-
2427MHz	Pass	PK	2.3898G	64.33	74.00	-9.67	3	Vertical	179	1.69	-
2427MHz	Pass	PK	2.4286G	93.44	Inf	-Inf	3	Vertical	179	1.69	-
2427MHz	Pass	PK	2.4838G	55.93	74.00	-18.07	3	Vertical	179	1.69	-
2427MHz	Pass	AV	2.3878G	53.77	54.00	-0.23	3	Horizontal	165	3.00	-
2427MHz	Pass	AV	2.4258G	89.50	Inf	-Inf	3	Horizontal	165	3.00	-
2427MHz	Pass	AV	2.4835G	45.85	54.00	-8.15	3	Horizontal	165	3.00	-
2427MHz	Pass	PK	2.3898G	69.58	74.00	-4.42	3	Horizontal	165	3.00	-
2427MHz	Pass	PK	2.4118G	98.56	Inf	-Inf	3	Horizontal	165	3.00	-
2427MHz	Pass	PK	2.4842G	57.67	74.00	-16.33	3	Horizontal	165	3.00	-
2437MHz	Pass	AV	2.3898G	48.15	54.00	-5.85	3	Vertical	193	2.04	-
2437MHz	Pass	AV	2.4258G	85.04	Inf	-Inf	3	Vertical	193	2.04	-
2437MHz	Pass	AV	2.4835G	48.15	54.00	-5.85	3	Vertical	193	2.04	-
2437MHz	Pass	PK	2.389G	62.82	74.00	-11.18	3	Vertical	193	2.04	-
2437MHz	Pass	PK	2.4266G	94.06	Inf	-Inf	3	Vertical	193	2.04	-
2437MHz	Pass	PK	2.4842G	64.46	74.00	-9.54	3	Vertical	193	2.04	-
2437MHz	Pass	AV	2.3898G	51.59	54.00	-2.41	3	Horizontal	181	3.00	-
2437MHz	Pass	AV	2.4226G	90.50	Inf	-Inf	3	Horizontal	181	3.00	-
2437MHz	Pass	AV	2.4842G	53.52	54.00	-0.48	3	Horizontal	181	3.00	-
2437MHz	Pass	PK	2.3894G	68.03	74.00	-5.97	3	Horizontal	181	3.00	-
2437MHz	Pass	PK	2.421G	99.95	Inf	-Inf	3	Horizontal	181	3.00	-
2437MHz	Pass	PK	2.4842G	71.44	74.00	-2.56	3	Horizontal	181	3.00	-
2437MHz	Pass	AV	4.87406G	32.18	54.00	-21.82	3	Vertical	125	1.59	-
2437MHz	Pass	PK	4.87178G	45.08	74.00	-28.92	3	Vertical	125	1.59	-
2437MHz	Pass	AV	4.87676G	32.03	54.00	-21.97	3	Horizontal	76	2.05	-
2437MHz	Pass	PK	4.86788G	45.18	74.00	-28.82	3	Horizontal	76	2.05	-
2447MHz	Pass	AV	2.357G	45.27	54.00	-8.73	3	Vertical	189	2.03	-
2447MHz	Pass	AV	2.4322G	84.83	Inf	-Inf	3	Vertical	189	2.03	-
2447MHz	Pass	AV	2.4838G	49.10	54.00	-4.90	3	Vertical	189	2.03	-
2447MHz	Pass	PK	2.3702G	56.35	74.00	-17.65	3	Vertical	189	2.03	-
2447MHz	Pass	PK	2.4314G	94.21	Inf	-Inf	3	Vertical	189	2.03	-
2447MHz	Pass	PK	2.4842G	63.46	74.00	-10.54	3	Vertical	189	2.03	-
2447MHz	Pass	AV	2.3898G	46.39	54.00	-7.61	3	Horizontal	168	2.91	-
2447MHz	Pass	AV	2.4454G	89.61	Inf	-Inf	3	Horizontal	168	2.91	-
2447MHz	Pass	AV	2.4838G	53.74	54.00	-0.26	3	Horizontal	168	2.91	-
2447MHz	Pass	PK	2.389G	57.10	74.00	-16.90	3	Horizontal	168	2.91	-
2447MHz	Pass	PK	2.431G	98.93	Inf	-Inf	3	Horizontal	168	2.91	-



RSE TX above 1GHz_Host 1

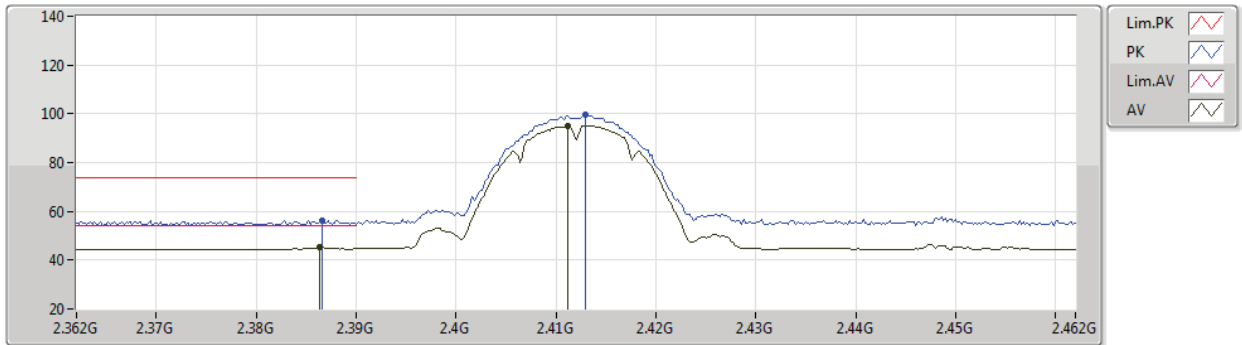
Appendix F.1.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4846G	68.70	74.00	-5.30	3	Horizontal	168	2.91	-
2452MHz	Pass	AV	2.3536G	45.28	54.00	-8.72	3	Vertical	190	1.89	-
2452MHz	Pass	AV	2.4496G	83.27	Inf	-Inf	3	Vertical	190	1.89	-
2452MHz	Pass	AV	2.4835G	48.52	54.00	-5.48	3	Vertical	190	1.89	-
2452MHz	Pass	PK	2.374G	56.37	74.00	-17.63	3	Vertical	190	1.89	-
2452MHz	Pass	PK	2.4496G	91.83	Inf	-Inf	3	Vertical	190	1.89	-
2452MHz	Pass	PK	2.486G	63.74	74.00	-10.26	3	Vertical	190	1.89	-
2452MHz	Pass	AV	2.3896G	45.51	54.00	-8.49	3	Horizontal	168	2.91	-
2452MHz	Pass	AV	2.4496G	89.18	Inf	-Inf	3	Horizontal	168	2.91	-
2452MHz	Pass	AV	2.4835G	53.43	54.00	-0.57	3	Horizontal	168	2.91	-
2452MHz	Pass	PK	2.3812G	56.68	74.00	-17.32	3	Horizontal	168	2.91	-
2452MHz	Pass	PK	2.4496G	98.12	Inf	-Inf	3	Horizontal	168	2.91	-
2452MHz	Pass	PK	2.4864G	69.71	74.00	-4.29	3	Horizontal	168	2.91	-
2452MHz	Pass	AV	4.91234G	32.51	54.00	-21.49	3	Vertical	303	1.58	-
2452MHz	Pass	PK	4.89788G	45.15	74.00	-28.85	3	Vertical	303	1.58	-
2452MHz	Pass	AV	4.90976G	32.31	54.00	-21.69	3	Horizontal	68	1.50	-
2452MHz	Pass	PK	4.91288G	44.63	74.00	-29.37	3	Horizontal	68	1.50	-

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2412MHz_TX

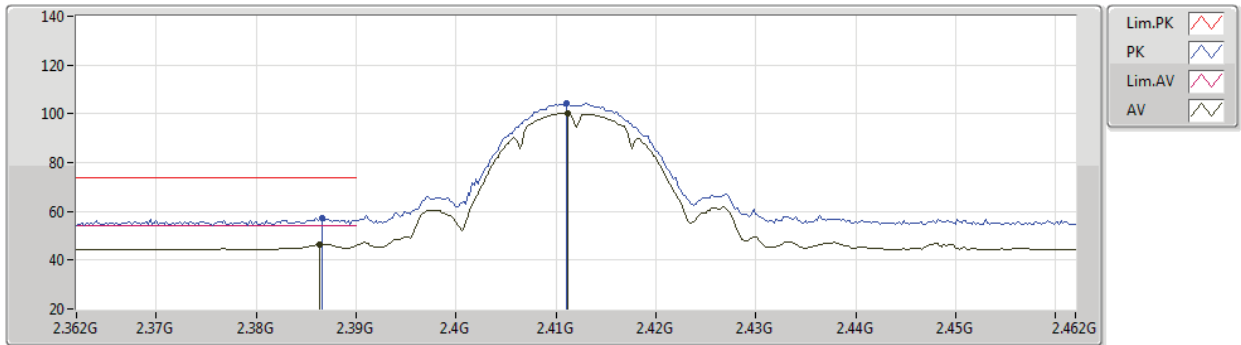


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	45.17	54.00	-8.83	31.62	3	Vertical	179	1.50	-	13.55	27.63	3.99	-
AV	2.4112G	95.11	Inf	-Inf	31.60	3	Vertical	179	1.50	-	63.51	27.58	4.02	-
PK	2.3866G	56.42	74.00	-17.58	31.62	3	Vertical	179	1.50	-	24.80	27.63	3.99	-
PK	2.413G	99.40	Inf	-Inf	31.59	3	Vertical	179	1.50	-	67.81	27.57	4.02	-

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2412MHz_TX



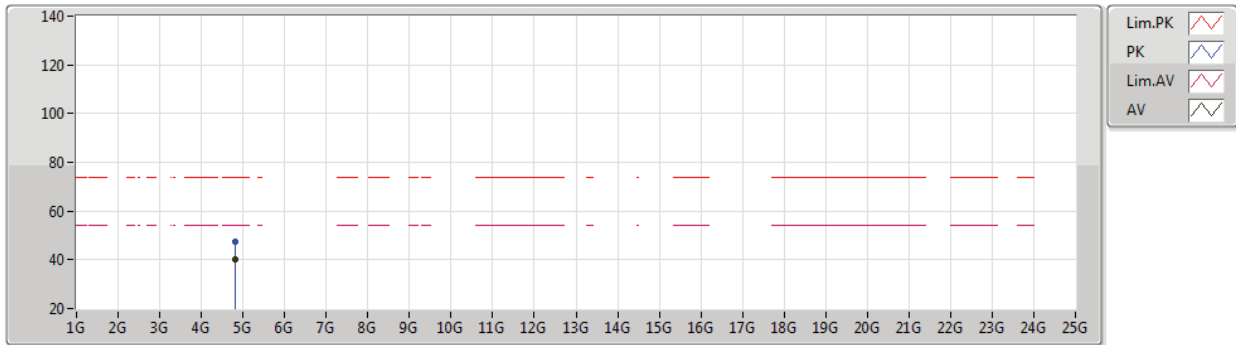
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	46.56	54.00	-7.44	31.62	3	Horizontal	165	2.81	-	14.94	27.63	3.99	-
AV	2.4112G	100.37	Inf	-Inf	31.60	3	Horizontal	165	2.81	-	68.77	27.58	4.02	-
PK	2.3866G	57.40	74.00	-16.60	31.62	3	Horizontal	165	2.81	-	25.78	27.63	3.99	-
PK	2.411G	104.25	Inf	-Inf	31.60	3	Horizontal	165	2.81	-	72.65	27.58	4.02	-



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2412MHz_TX



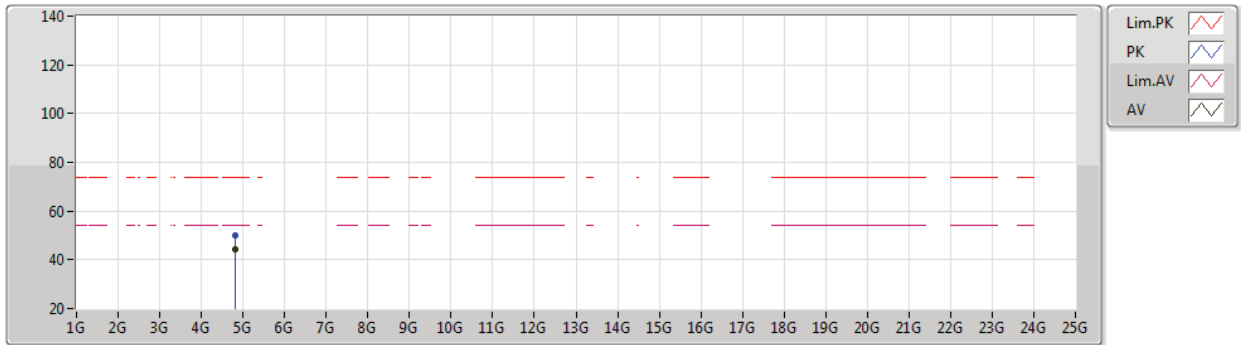
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82401G	39.92	54.00	-14.08	7.49	3	Vertical	190	1.65	-	32.43	31.10	5.79	29.40
PK	4.82416G	47.47	74.00	-26.53	7.49	3	Vertical	190	1.65	-	39.98	31.10	5.79	29.40



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2412MHz_TX

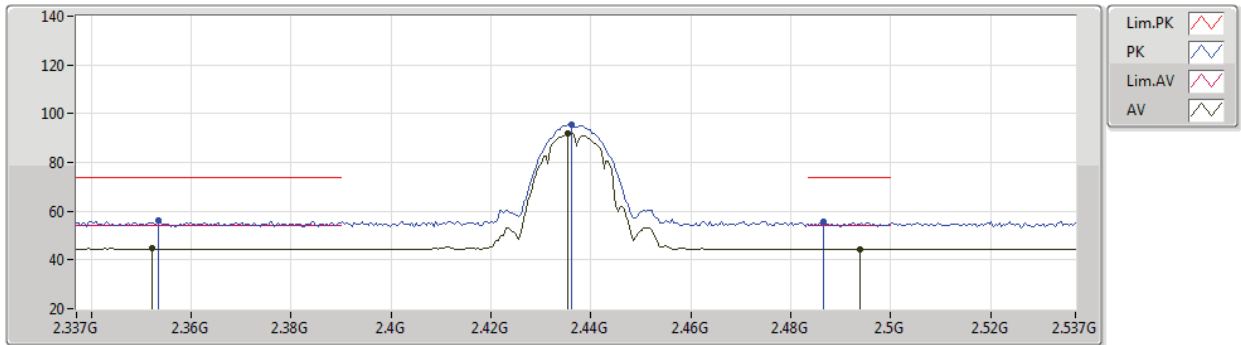


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82402G	44.41	54.00	-9.59	7.49	3	Horizontal	219	2.89	-	36.92	31.10	5.79	29.40
PK	4.8239G	49.84	74.00	-24.16	7.49	3	Horizontal	219	2.89	-	42.35	31.10	5.79	29.40

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2437MHz_TX

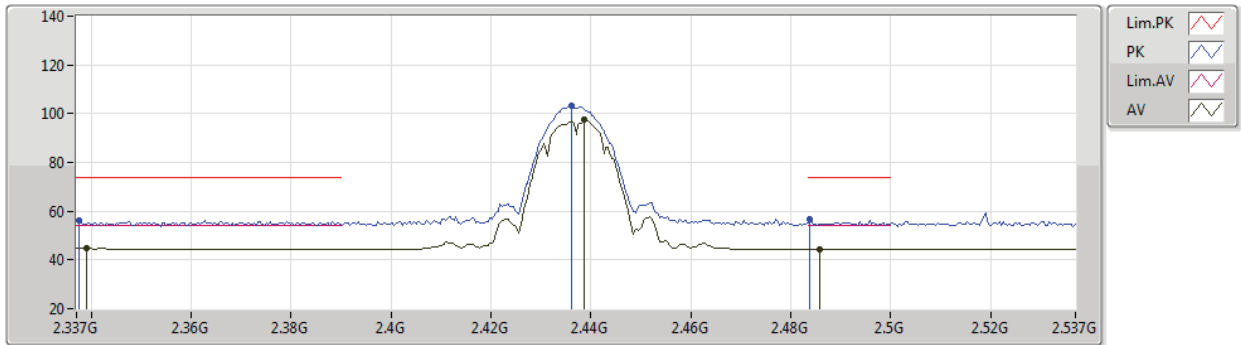


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3522G	44.65	54.00	-9.35	31.66	3	Vertical	189	1.50	-	12.99	27.70	3.96	-
AV	2.4354G	91.73	Inf	-Inf	31.57	3	Vertical	189	1.50	-	60.16	27.53	4.04	-
AV	2.4938G	44.39	54.00	-9.61	31.50	3	Vertical	189	1.50	-	12.89	27.41	4.09	-
PK	2.3534G	55.99	74.00	-18.01	31.65	3	Vertical	189	1.50	-	24.34	27.69	3.96	-
PK	2.4362G	95.59	Inf	-Inf	31.57	3	Vertical	189	1.50	-	64.02	27.53	4.04	-
PK	2.4866G	55.52	74.00	-18.48	31.52	3	Vertical	189	1.50	-	24.00	27.43	4.09	-

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2437MHz_TX



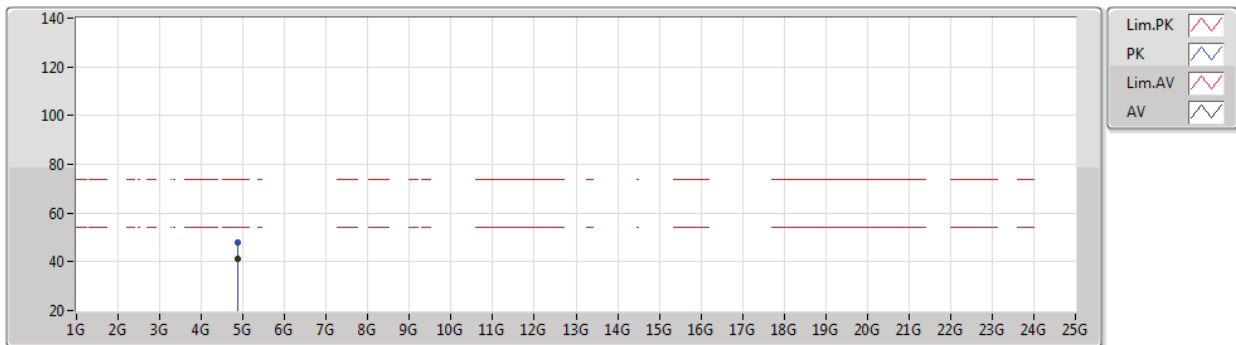
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AV	2.339G	44.71	54.00	-9.29	31.69	3	Horizontal	180	1.50	-	13.02	27.74	3.95	-
AV	2.4386G	97.44	Inf	-Inf	31.56	3	Horizontal	180	1.50	-	65.88	27.52	4.04	-
AV	2.4858G	44.46	54.00	-9.54	31.52	3	Horizontal	180	1.50	-	12.94	27.43	4.09	-
PK	2.3374G	56.16	74.00	-17.84	31.70	3	Horizontal	180	1.50	-	24.46	27.75	3.95	-
PK	2.4362G	103.17	Inf	-Inf	31.57	3	Horizontal	180	1.50	-	71.60	27.53	4.04	-
PK	2.4838G	56.59	74.00	-17.41	31.51	3	Horizontal	180	1.50	-	25.08	27.43	4.08	-



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2437MHz_TX



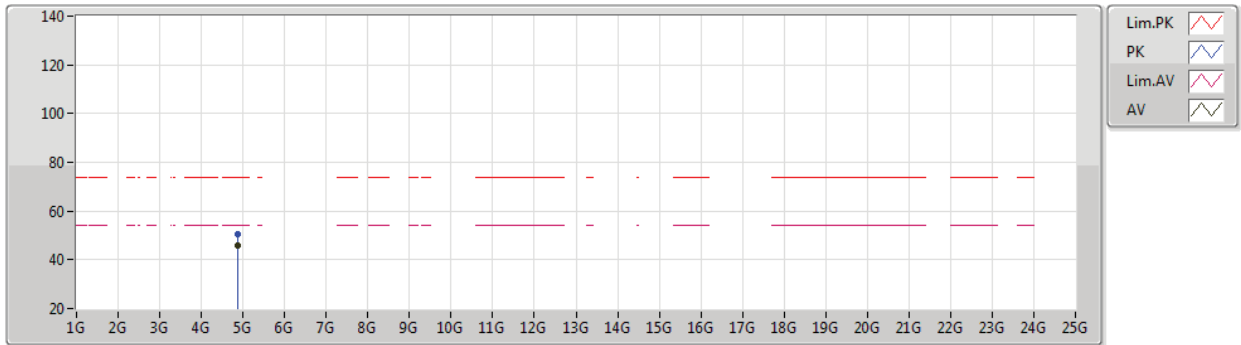
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AV	4.874G	41.41	54.00	-12.59	7.55	3	Vertical	183	1.49	-	33.86	31.10	5.83	29.38
PK	4.87418G	47.83	74.00	-26.17	7.55	3	Vertical	183	1.49	-	40.28	31.10	5.83	29.38



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2437MHz_TX

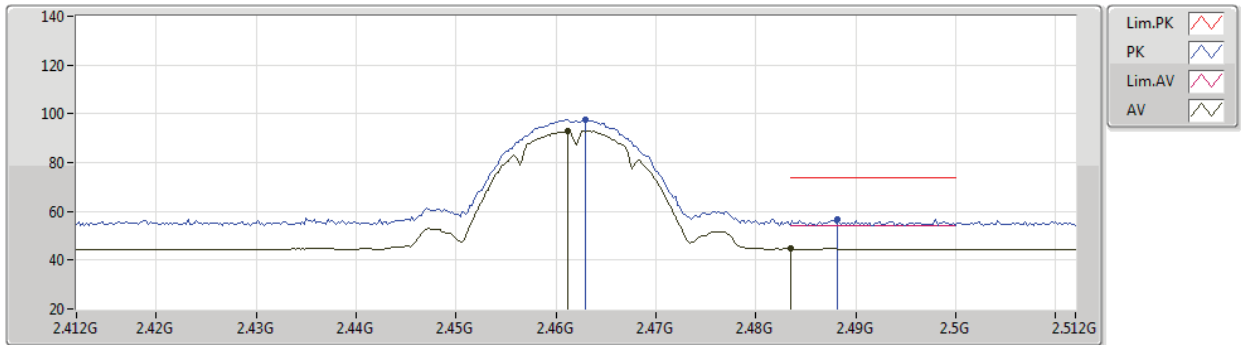


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AV	4.87401G	45.61	54.00	-8.39	7.55	3	Horizontal	218	2.79	-	38.06	31.10	5.83	29.38
PK	4.87399G	50.45	74.00	-23.55	7.55	3	Horizontal	218	2.79	-	42.90	31.10	5.83	29.38

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

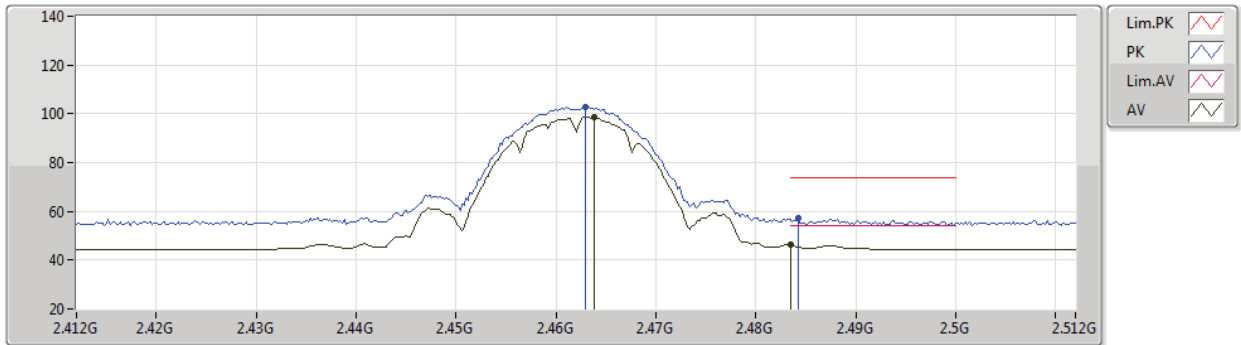
2462MHz_TX



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2462MHz_TX



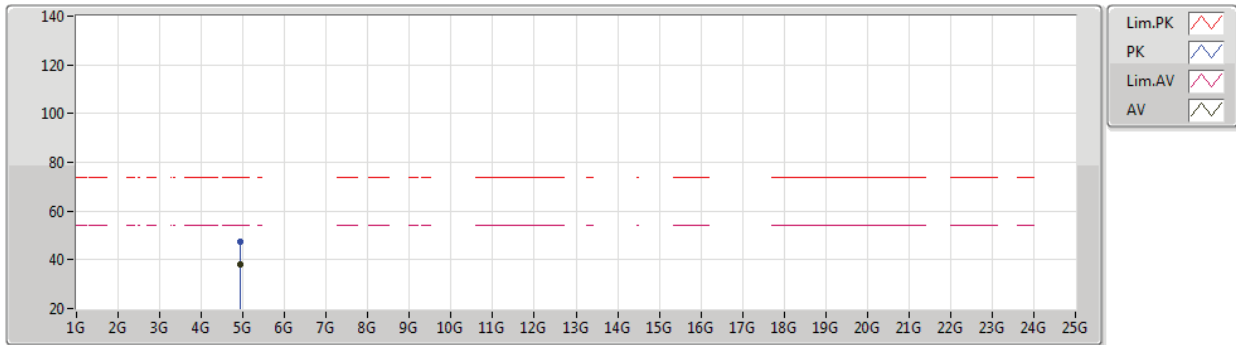
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AV	2.4638G	98.53	Inf	-Inf	31.54	3	Horizontal	190	3.00	-	66.99	27.47	4.07	-
AV	2.4835G	46.47	54.00	-7.53	31.51	3	Horizontal	190	3.00	-	14.96	27.43	4.08	-
PK	2.463G	102.99	Inf	-Inf	31.54	3	Horizontal	190	3.00	-	71.45	27.47	4.07	-
PK	2.4842G	57.14	74.00	-16.86	31.52	3	Horizontal	190	3.00	-	25.62	27.43	4.09	-



802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2462MHz_TX

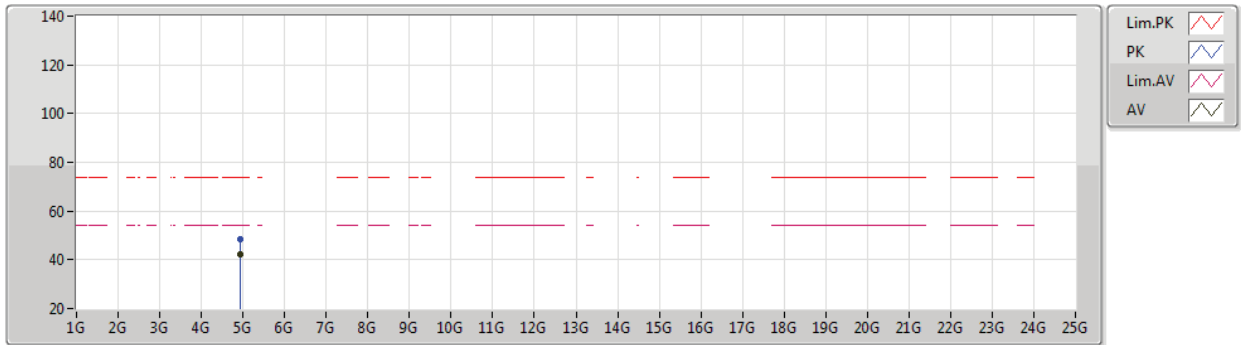


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92403G	38.30	54.00	-15.70	7.67	3	Vertical	180	1.52	-	30.63	31.15	5.87	29.35
PK	4.92388G	47.16	74.00	-26.84	7.66	3	Vertical	180	1.52	-	39.50	31.15	5.87	29.36

802.11b_Nss1,(1Mbps)_2TX

14/04/2020

2462MHz_TX

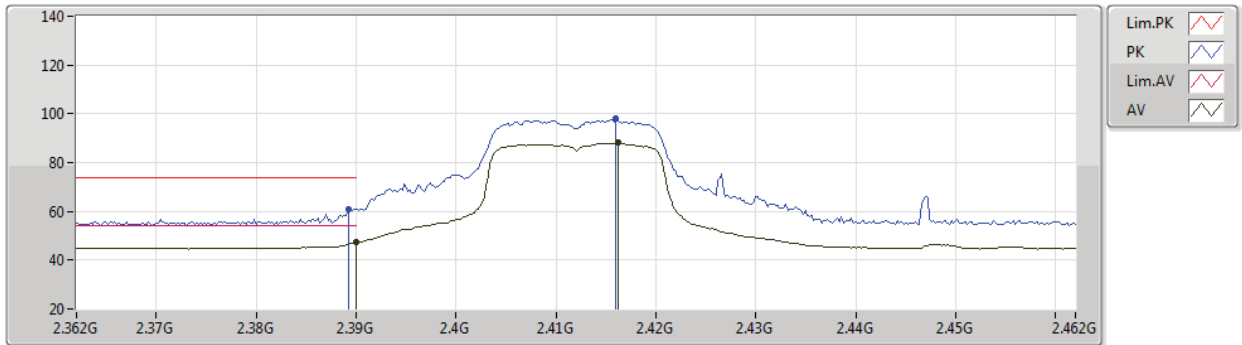


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AV	4.924G	42.05	54.00	-11.95	7.67	3	Horizontal	231	3.00	-	34.38	31.15	5.87	29.35
PK	4.924G	48.48	74.00	-25.52	7.67	3	Horizontal	231	3.00	-	40.81	31.15	5.87	29.35

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2412MHz_TX

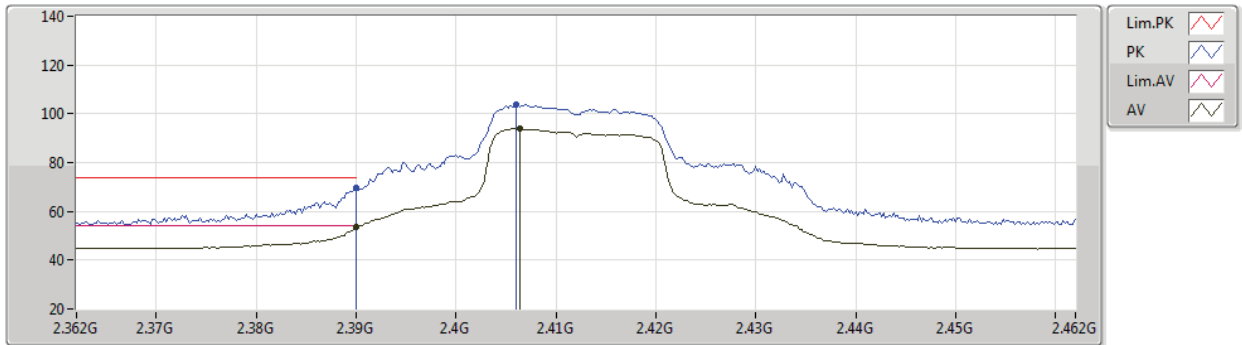


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.33	54.00	-6.67	31.62	3	Vertical	180	1.49	-	15.71	27.62	4.00	-
AV	2.4162G	88.06	Inf	-Inf	31.59	3	Vertical	180	1.49	-	56.47	27.57	4.02	-
PK	2.3892G	60.85	74.00	-13.15	31.62	3	Vertical	180	1.49	-	29.23	27.62	4.00	-
PK	2.416G	97.99	Inf	-Inf	31.59	3	Vertical	180	1.49	-	66.40	27.57	4.02	-

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2412MHz_TX



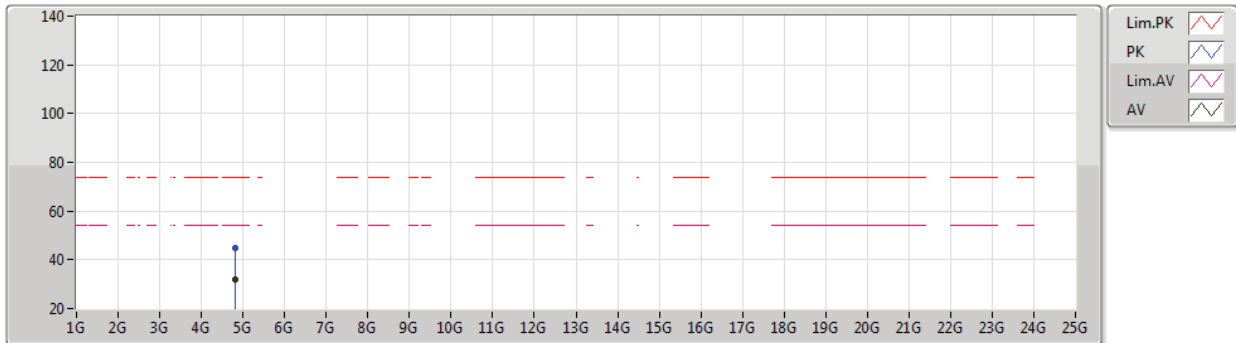
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.55	54.00	-0.45	31.62	3	Horizontal	176	2.76	-	21.93	27.62	4.00	-
AV	2.4064G	93.99	Inf	-Inf	31.60	3	Horizontal	176	2.76	-	62.39	27.59	4.01	-
PK	2.39G	69.53	74.00	-4.47	31.62	3	Horizontal	176	2.76	-	37.91	27.62	4.00	-
PK	2.406G	103.62	Inf	-Inf	31.60	3	Horizontal	176	2.76	-	72.02	27.59	4.01	-



802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2412MHz_TX

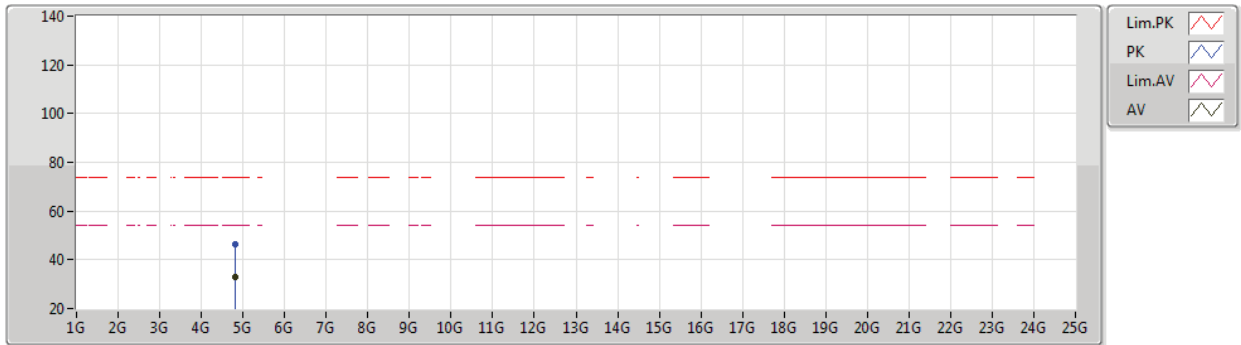


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AV	4.82218G	31.71	54.00	-22.29	7.49	3	Vertical	192	1.00	-	24.22	31.10	5.79	29.40
PK	4.82599G	44.84	74.00	-29.16	7.49	3	Vertical	192	1.00	-	37.35	31.10	5.79	29.40

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2412MHz_TX

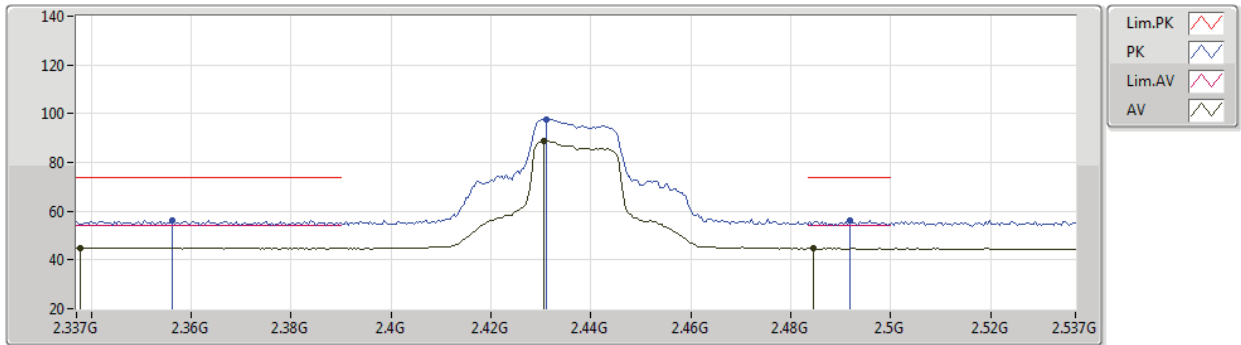


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82586G	32.97	54.00	-21.03	7.49	3	Horizontal	215	2.95	-	25.48	31.10	5.79	29.40
PK	4.82317G	46.49	74.00	-27.51	7.49	3	Horizontal	215	2.95	-	39.00	31.10	5.79	29.40

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2437MHz_TX

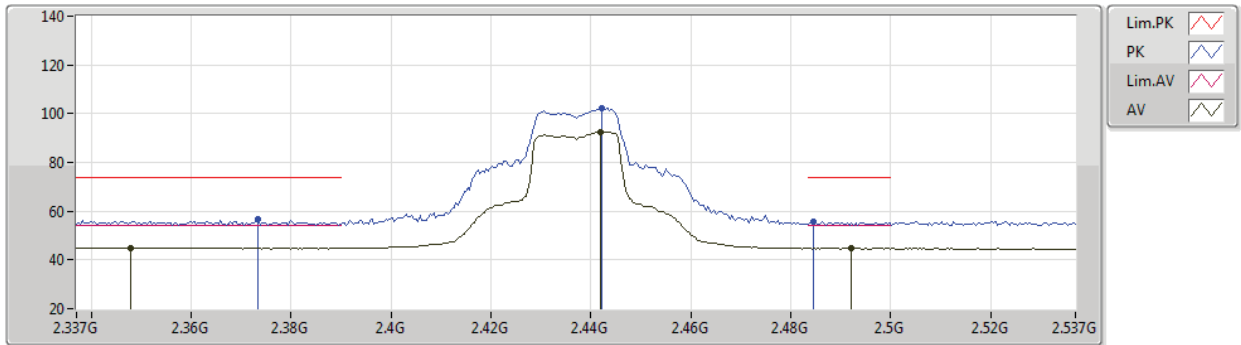


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3378G	44.92	54.00	-9.08	31.70	3	Vertical	190	2.03	-	13.22	27.75	3.95	-
AV	2.4306G	88.78	Inf	-Inf	31.57	3	Vertical	190	2.03	-	57.21	27.54	4.03	-
AV	2.4846G	44.67	54.00	-9.33	31.52	3	Vertical	190	2.03	-	13.15	27.43	4.09	-
PK	2.3562G	56.32	74.00	-17.68	31.65	3	Vertical	190	2.03	-	24.67	27.69	3.96	-
PK	2.431G	97.83	Inf	-Inf	31.58	3	Vertical	190	2.03	-	66.25	27.54	4.04	-
PK	2.4918G	56.34	74.00	-17.66	31.51	3	Vertical	190	2.03	-	24.83	27.42	4.09	-

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2437MHz_TX



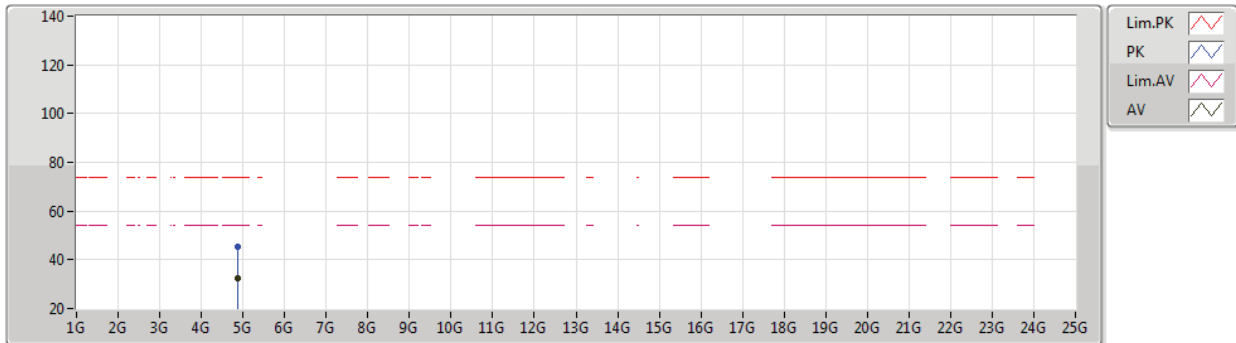
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AV	2.3478G	44.96	54.00	-9.04	31.67	3	Horizontal	180	3.00	-	13.29	27.71	3.96	-
AV	2.4418G	92.55	Inf	-Inf	31.57	3	Horizontal	180	3.00	-	60.98	27.52	4.05	-
AV	2.4922G	44.76	54.00	-9.24	31.51	3	Horizontal	180	3.00	-	13.25	27.42	4.09	-
PK	2.3734G	56.74	74.00	-17.26	31.63	3	Horizontal	180	3.00	-	25.11	27.65	3.98	-
PK	2.4422G	102.35	Inf	-Inf	31.57	3	Horizontal	180	3.00	-	70.78	27.52	4.05	-
PK	2.4846G	55.57	74.00	-18.43	31.52	3	Horizontal	180	3.00	-	24.05	27.43	4.09	-



802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2437MHz_TX



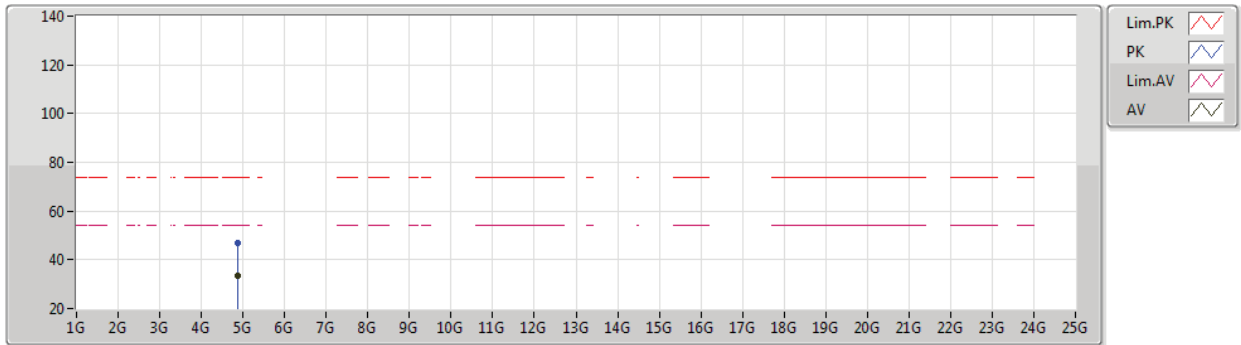
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AV	4.87166G	32.31	54.00	-21.69	7.55	3	Vertical	184	1.50	-	24.76	31.10	5.83	29.38
PK	4.87532G	45.39	74.00	-28.61	7.55	3	Vertical	184	1.50	-	37.84	31.10	5.83	29.38



802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2437MHz_TX

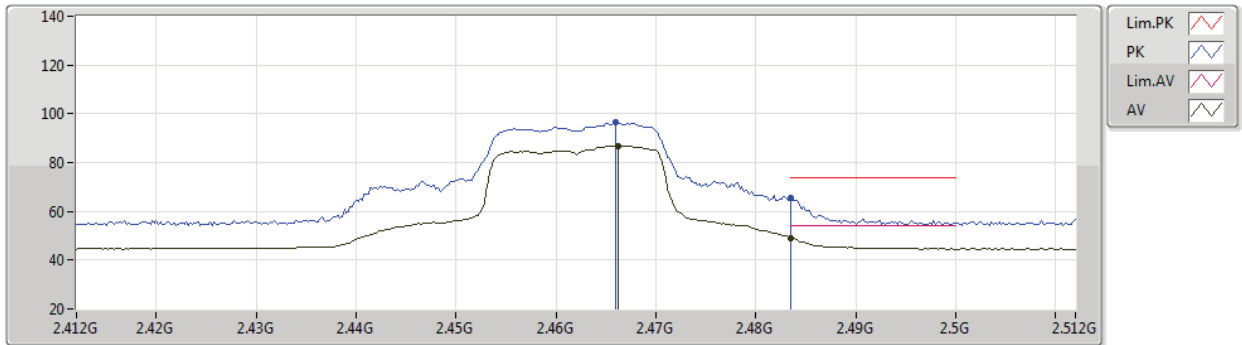


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87448G	33.62	54.00	-20.38	7.55	3	Horizontal	217	2.78	-	26.07	31.10	5.83	29.38
PK	4.87442G	46.71	74.00	-27.29	7.55	3	Horizontal	217	2.78	-	39.16	31.10	5.83	29.38

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2462MHz_TX

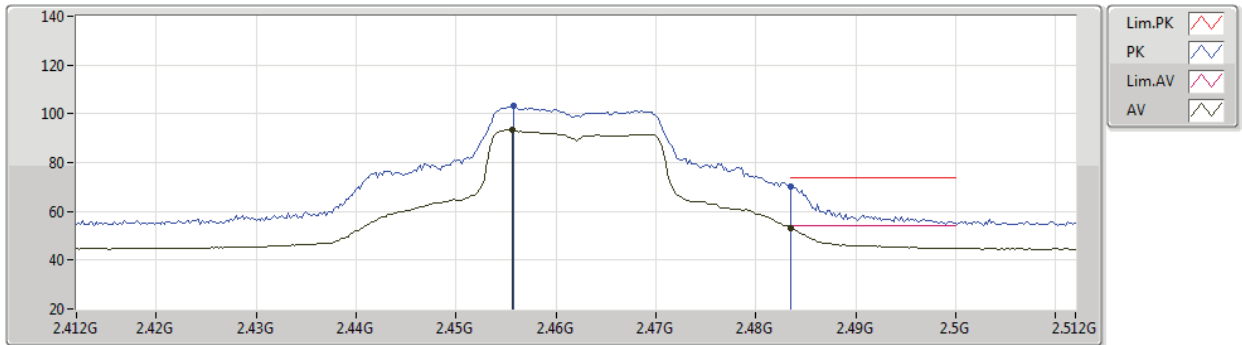


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4662G	86.82	Inf	-Inf	31.54	3	Vertical	179	2.01	-	55.28	27.47	4.07	-
AV	2.4835G	49.17	54.00	-4.83	31.51	3	Vertical	179	2.01	-	17.66	27.43	4.08	-
PK	2.466G	96.53	Inf	-Inf	31.54	3	Vertical	179	2.01	-	64.99	27.47	4.07	-
PK	2.4835G	65.35	74.00	-8.65	31.51	3	Vertical	179	2.01	-	33.84	27.43	4.08	-

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2462MHz_TX

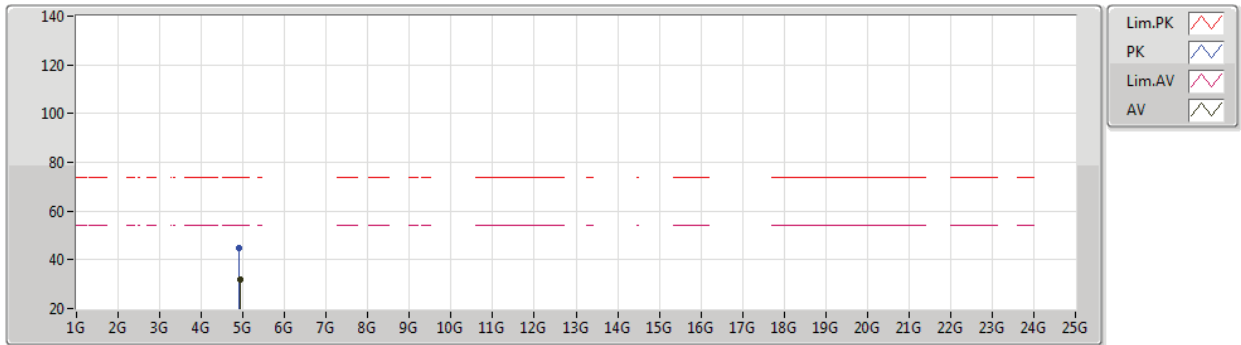


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4556G	93.39	Inf	-Inf	31.55	3	Horizontal	178	2.78	-	61.84	27.49	4.06	-
AV	2.4835G	53.20	54.00	-0.80	31.51	3	Horizontal	178	2.78	-	21.69	27.43	4.08	-
PK	2.4558G	103.11	Inf	-Inf	31.55	3	Horizontal	178	2.78	-	71.56	27.49	4.06	-
PK	2.4835G	70.23	74.00	-3.77	31.51	3	Horizontal	178	2.78	-	38.72	27.43	4.08	-

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2462MHz_TX

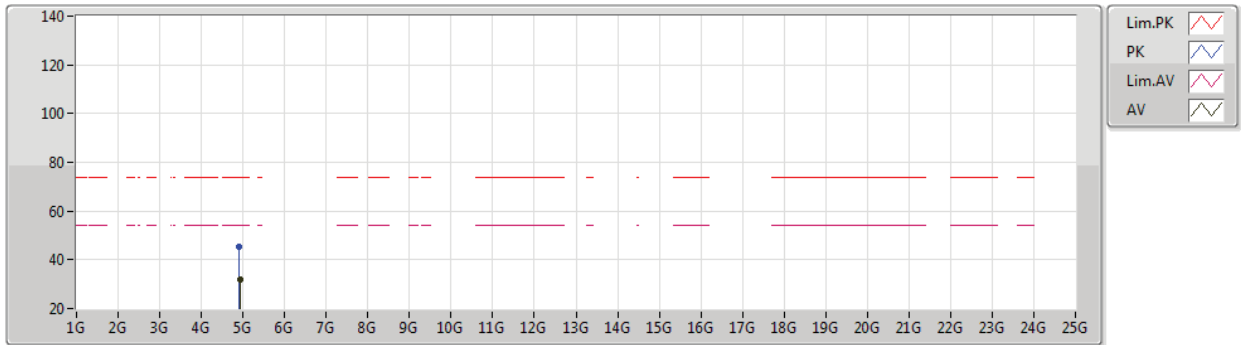


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.93132G	31.75	54.00	-22.25	7.68	3	Vertical	197	1.50	-	24.07	31.16	5.87	29.35
PK	4.9108G	44.93	74.00	-29.07	7.62	3	Vertical	197	1.50	-	37.31	31.12	5.86	29.36

802.11g_Nss1,(6Mbps)_2TX

14/04/2020

2462MHz_TX

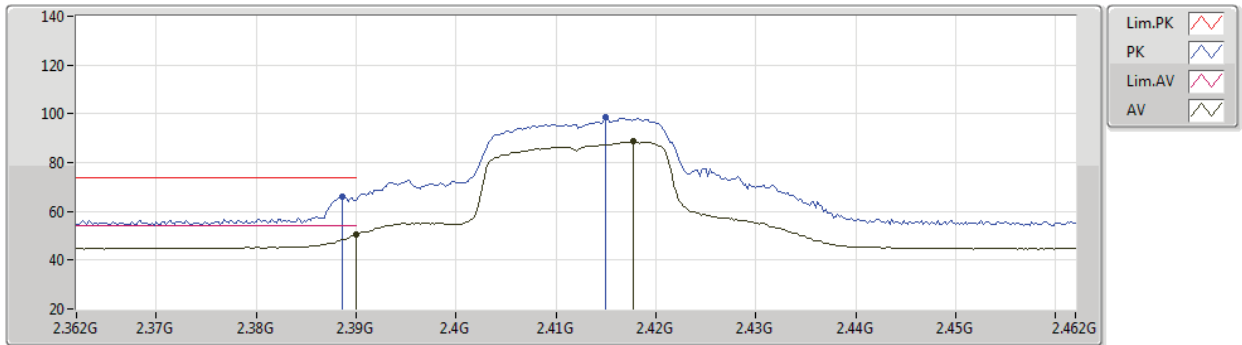


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92472G	32.02	54.00	-21.98	7.67	3	Horizontal	219	3.00	-	24.35	31.15	5.87	29.35
PK	4.91674G	45.22	74.00	-28.78	7.63	3	Horizontal	219	3.00	-	37.59	31.13	5.86	29.36

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2412MHz_TX

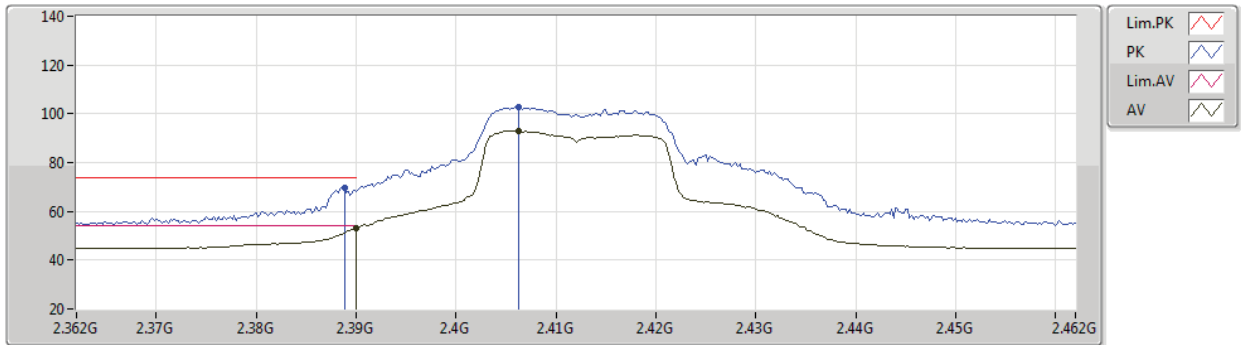


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.62	54.00	-3.38	31.62	3	Vertical	179	1.92	-	19.00	27.62	4.00	-
AV	2.4178G	88.57	Inf	-Inf	31.58	3	Vertical	179	1.92	-	56.99	27.56	4.02	-
PK	2.3886G	66.14	74.00	-7.86	31.62	3	Vertical	179	1.92	-	34.52	27.62	4.00	-
PK	2.415G	98.53	Inf	-Inf	31.59	3	Vertical	179	1.92	-	66.94	27.57	4.02	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2412MHz_TX



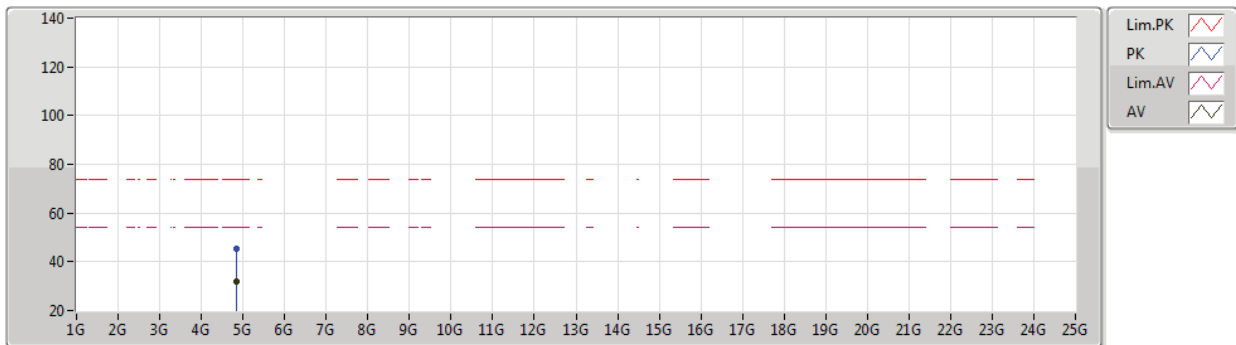
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.34	54.00	-0.66	31.62	3	Horizontal	179	2.74	-	21.72	27.62	4.00	-
AV	2.4062G	92.92	Inf	-Inf	31.60	3	Horizontal	179	2.74	-	61.32	27.59	4.01	-
PK	2.3888G	69.78	74.00	-4.22	31.62	3	Horizontal	179	2.74	-	38.16	27.62	4.00	-
PK	2.4062G	102.72	Inf	-Inf	31.60	3	Horizontal	179	2.74	-	71.12	27.59	4.01	-



802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2412MHz_TX

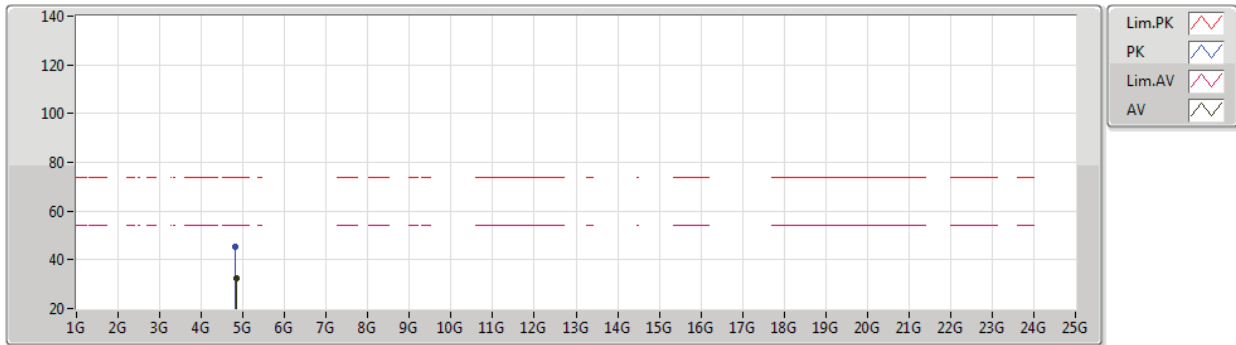


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83076G	31.94	54.00	-22.06	7.50	3	Vertical	168	1.50	-	24.44	31.10	5.80	29.40
PK	4.8324G	45.36	74.00	-28.64	7.50	3	Vertical	168	1.50	-	37.86	31.10	5.80	29.40

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2412MHz_TX

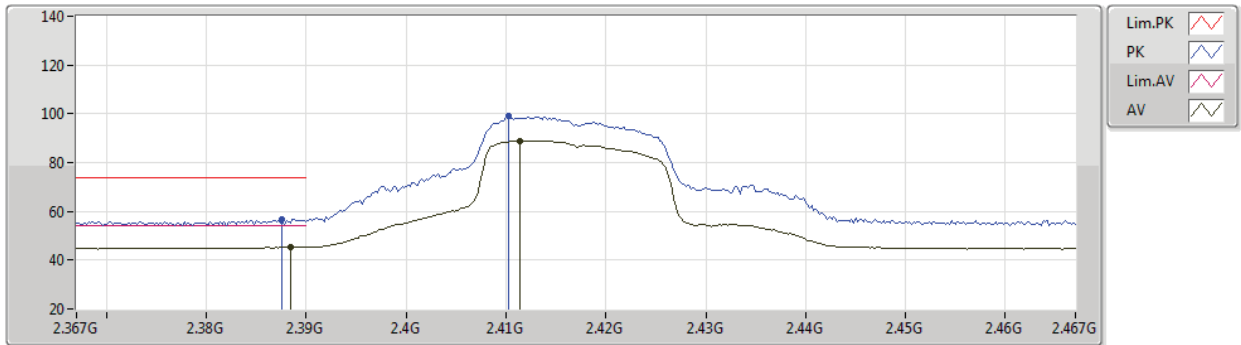


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82852G	32.23	54.00	-21.77	7.50	3	Horizontal	237	2.80	-	24.73	31.10	5.80	29.40
PK	4.82476G	45.52	74.00	-28.48	7.49	3	Horizontal	237	2.80	-	38.03	31.10	5.79	29.40

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2417MHz_TX

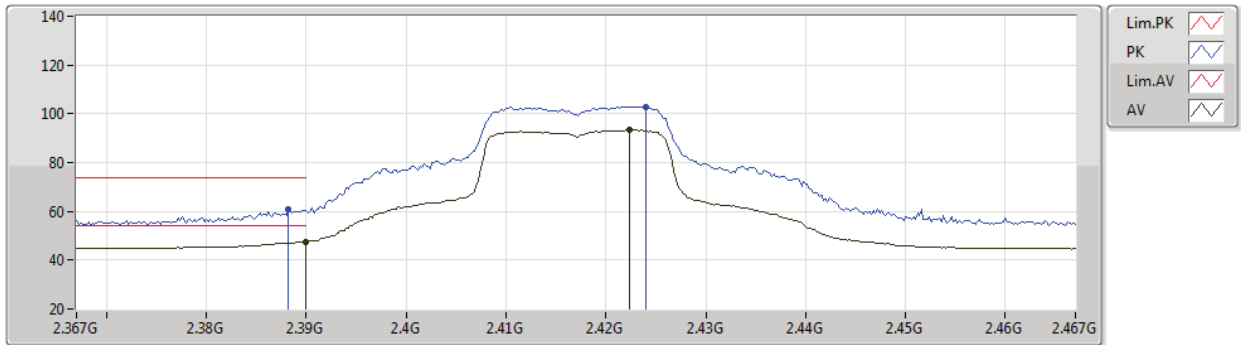


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	45.40	54.00	-8.60	31.62	3	Vertical	179	1.50	-	13.78	27.62	4.00	-
AV	2.4114G	89.05	Inf	-Inf	31.60	3	Vertical	179	1.50	-	57.45	27.58	4.02	-
PK	2.3876G	56.78	74.00	-17.22	31.61	3	Vertical	179	1.50	-	25.17	27.62	3.99	-
PK	2.4102G	99.01	Inf	-Inf	31.60	3	Vertical	179	1.50	-	67.41	27.58	4.02	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2417MHz_TX

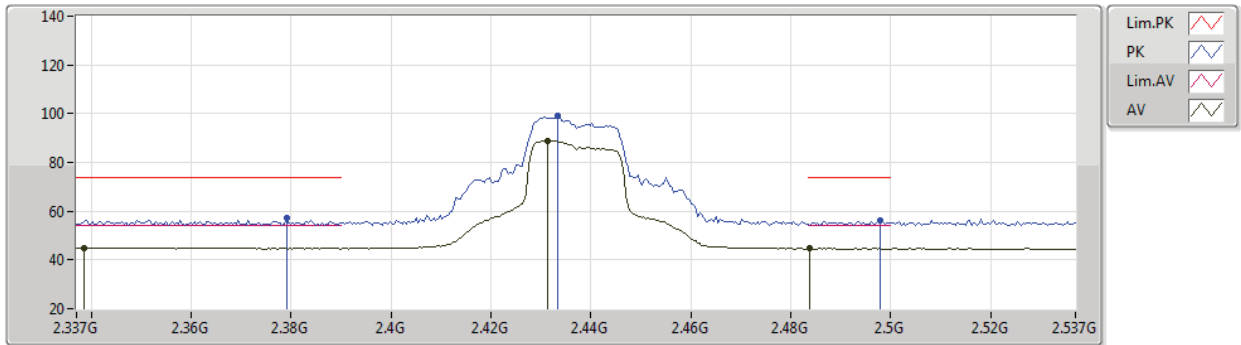


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.67	54.00	-6.33	31.62	3	Horizontal	178	3.00	-	16.05	27.62	4.00	-
AV	2.4224G	93.68	Inf	-Inf	31.59	3	Horizontal	178	3.00	-	62.09	27.56	4.03	-
PK	2.3882G	60.84	74.00	-13.16	31.61	3	Horizontal	178	3.00	-	29.23	27.62	3.99	-
PK	2.424G	102.95	Inf	-Inf	31.58	3	Horizontal	178	3.00	-	71.37	27.55	4.03	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2437MHz_TX

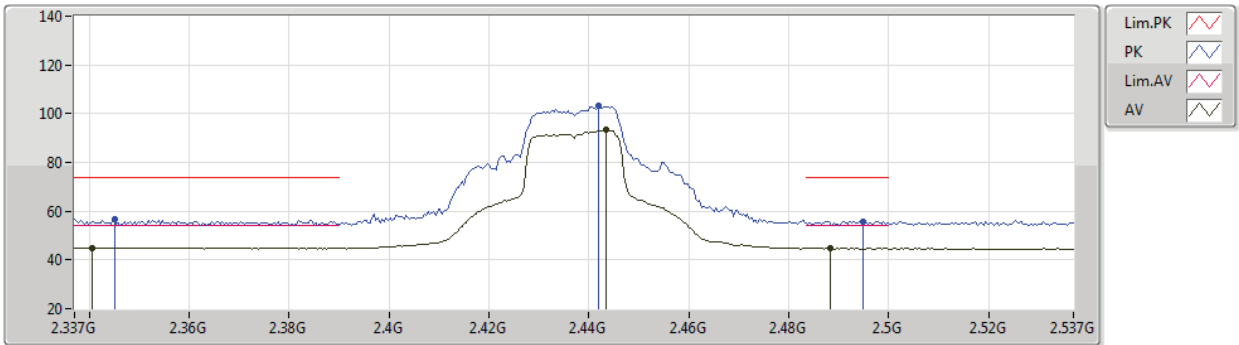


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3386G	44.87	54.00	-9.13	31.70	3	Vertical	190	2.03	-	13.17	27.75	3.95	-
AV	2.4314G	88.97	Inf	-Inf	31.58	3	Vertical	190	2.03	-	57.39	27.54	4.04	-
AV	2.4838G	44.67	54.00	-9.33	31.51	3	Vertical	190	2.03	-	13.16	27.43	4.08	-
PK	2.379G	57.31	74.00	-16.69	31.63	3	Vertical	190	2.03	-	25.68	27.64	3.99	-
PK	2.4334G	98.93	Inf	-Inf	31.57	3	Vertical	190	2.03	-	67.36	27.53	4.04	-
PK	2.4978G	56.45	74.00	-17.55	31.50	3	Vertical	190	2.03	-	24.95	27.40	4.10	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2437MHz_TX



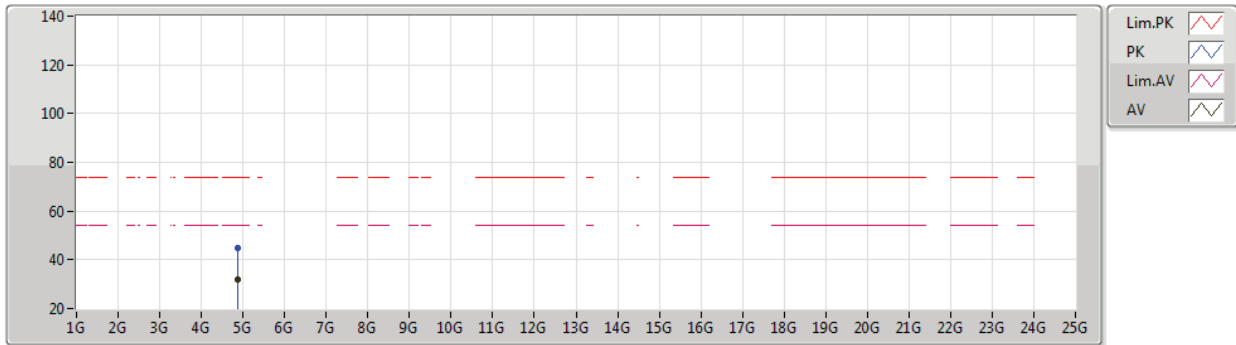
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3406G	44.92	54.00	-9.08	31.69	3	Horizontal	180	3.00	-	13.23	27.74	3.95	-
AV	2.4434G	93.22	Inf	-Inf	31.56	3	Horizontal	180	3.00	-	61.66	27.51	4.05	-
AV	2.4882G	44.76	54.00	-9.24	31.51	3	Horizontal	180	3.00	-	13.25	27.42	4.09	-
PK	2.345G	56.66	74.00	-17.34	31.67	3	Horizontal	180	3.00	-	24.99	27.72	3.95	-
PK	2.4418G	103.49	Inf	-Inf	31.57	3	Horizontal	180	3.00	-	71.92	27.52	4.05	-
PK	2.495G	55.81	74.00	-18.19	31.51	3	Horizontal	180	3.00	-	24.30	27.41	4.10	-



802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2437MHz_TX

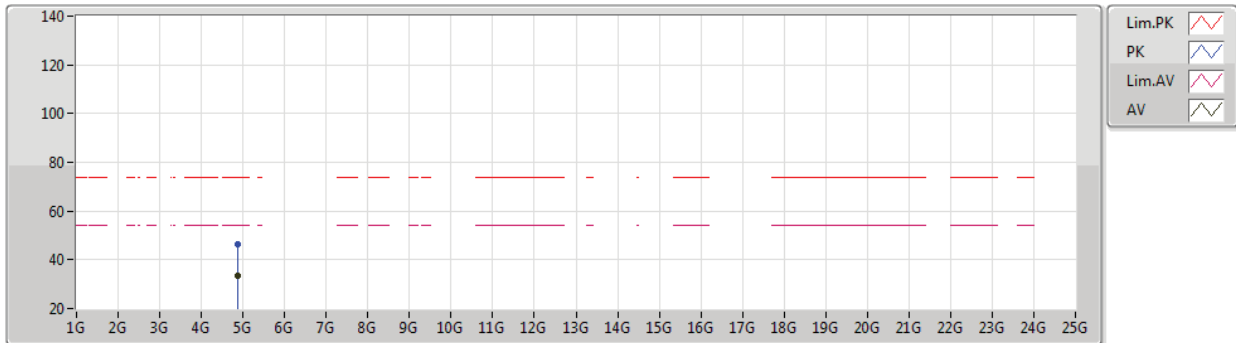


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8725G	32.01	54.00	-21.99	7.55	3	Vertical	183	2.05	-	24.46	31.10	5.83	29.38
PK	4.87442G	45.02	74.00	-28.98	7.55	3	Vertical	183	2.05	-	37.47	31.10	5.83	29.38

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2437MHz_TX

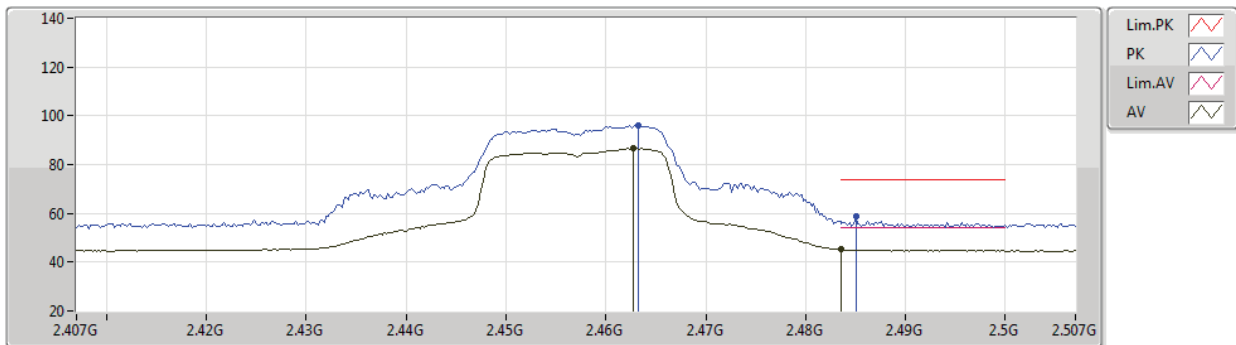


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8731G	33.26	54.00	-20.74	7.55	3	Horizontal	218	2.79	-	25.71	31.10	5.83	29.38
PK	4.87982G	46.22	74.00	-27.78	7.55	3	Horizontal	218	2.79	-	38.67	31.10	5.83	29.38

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2457MHz_TX

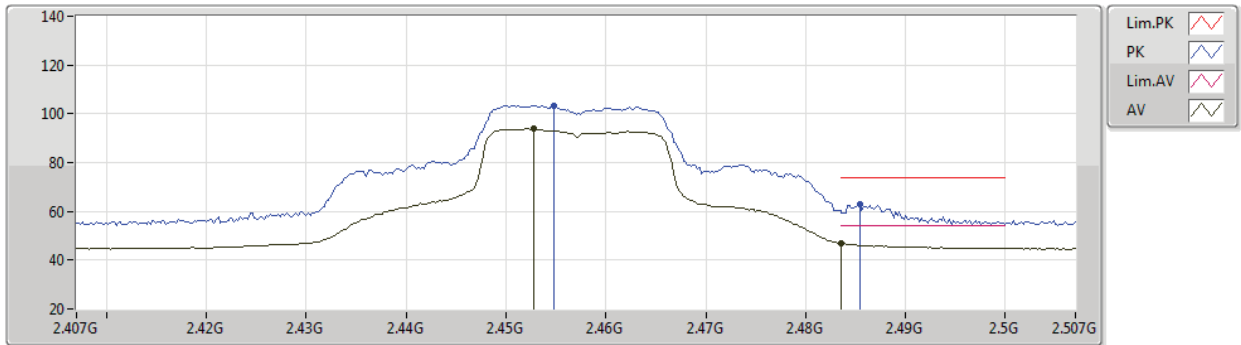


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	86.60	Inf	-Inf	31.54	3	Vertical	199	1.73	-	55.06	27.47	4.07	-
AV	2.4835G	45.11	54.00	-8.89	31.51	3	Vertical	199	1.73	-	13.60	27.43	4.08	-
PK	2.4632G	96.25	Inf	-Inf	31.54	3	Vertical	199	1.73	-	64.71	27.47	4.07	-
PK	2.485G	58.61	74.00	-15.39	31.52	3	Vertical	199	1.73	-	27.09	27.43	4.09	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2457MHz_TX

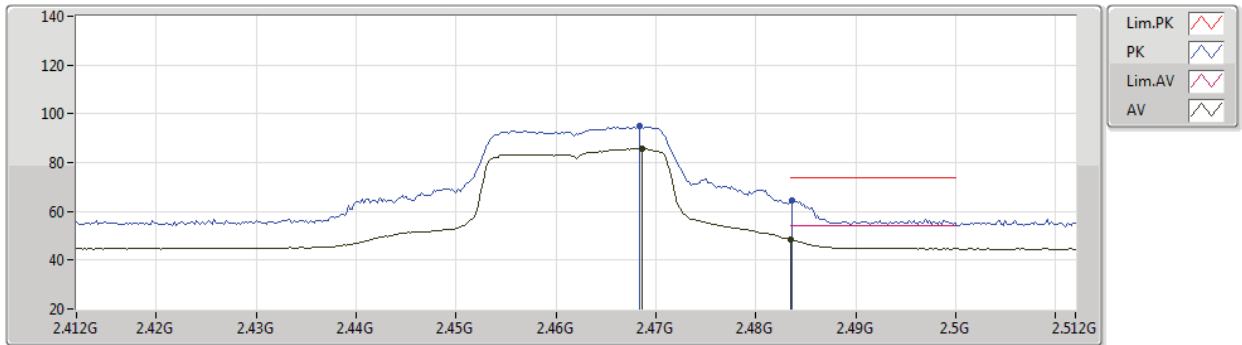


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4528G	93.97	Inf	-Inf	31.55	3	Horizontal	168	2.91	-	62.42	27.49	4.06	-
AV	2.4835G	47.11	54.00	-6.89	31.51	3	Horizontal	168	2.91	-	15.60	27.43	4.08	-
PK	2.4548G	103.47	Inf	-Inf	31.55	3	Horizontal	168	2.91	-	71.92	27.49	4.06	-
PK	2.4854G	62.85	74.00	-11.15	31.52	3	Horizontal	168	2.91	-	31.33	27.43	4.09	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

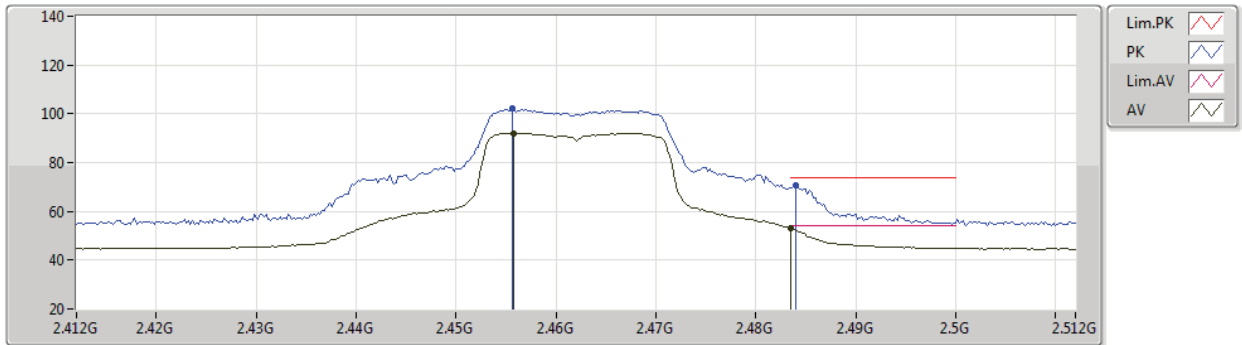
2462MHz_TX



802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2462MHz_TX

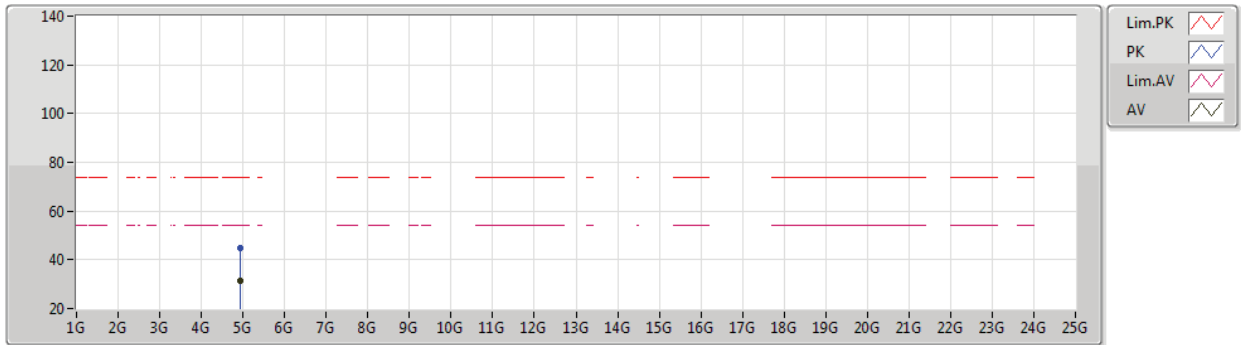


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4558G	92.07	Inf	-Inf	31.55	3	Horizontal	163	3.00	-	60.52	27.49	4.06	-
AV	2.4835G	52.89	54.00	-1.11	31.51	3	Horizontal	163	3.00	-	21.38	27.43	4.08	-
PK	2.4556G	102.38	Inf	-Inf	31.55	3	Horizontal	163	3.00	-	70.83	27.49	4.06	-
PK	2.484G	70.76	74.00	-3.24	31.51	3	Horizontal	163	3.00	-	39.25	27.43	4.08	-

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2462MHz_TX

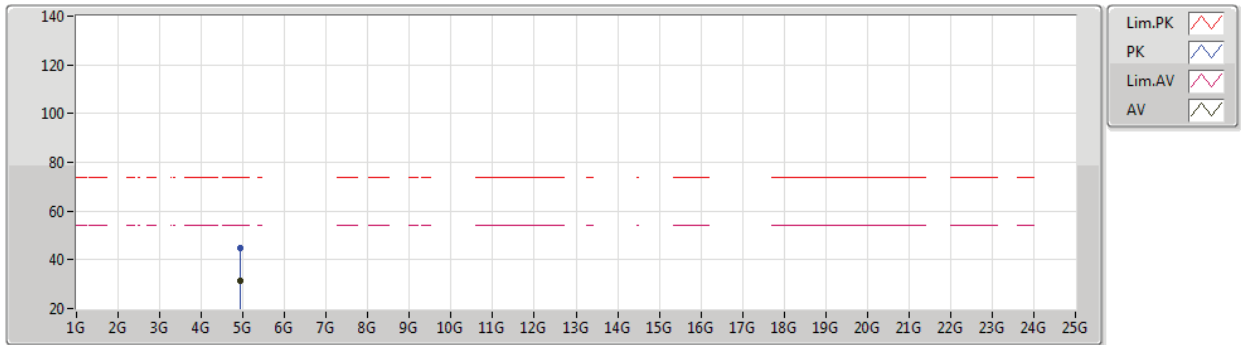


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92544G	31.55	54.00	-22.45	7.67	3	Vertical	230	1.50	-	23.88	31.15	5.87	29.35
PK	4.93408G	44.79	74.00	-29.21	7.69	3	Vertical	230	1.50	-	37.10	31.17	5.87	29.35

802.11n HT20_Nss1,(MCS0)_2TX

14/04/2020

2462MHz_TX

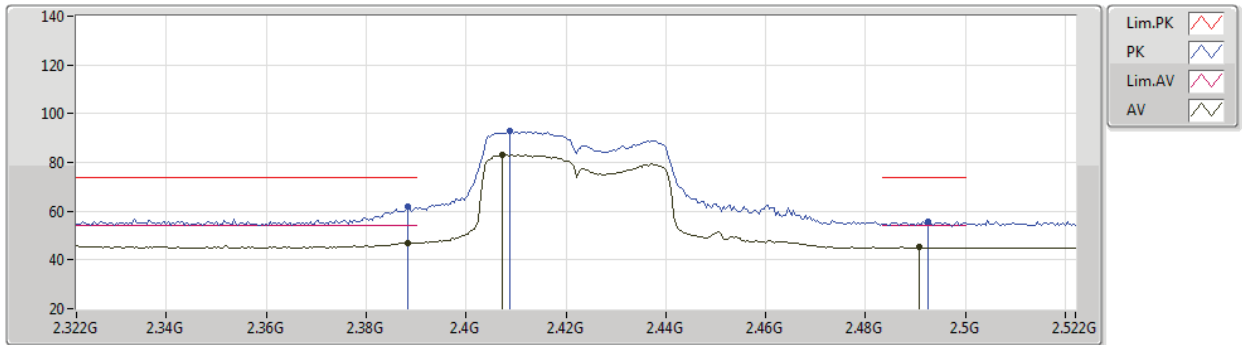


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92412G	31.57	54.00	-22.43	7.67	3	Horizontal	182	2.43	-	23.90	31.15	5.87	29.35
PK	4.93804G	44.91	74.00	-29.09	7.71	3	Horizontal	182	2.43	-	37.20	31.18	5.88	29.35

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2422MHz_TX

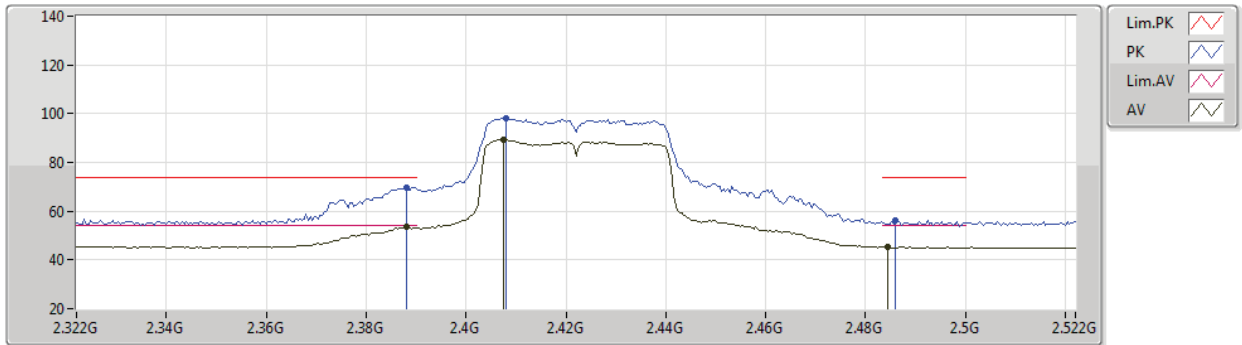


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	46.91	54.00	-7.09	31.62	3	Vertical	178	1.50	-	15.29	27.62	4.00	-
AV	2.4072G	83.11	Inf	-Inf	31.60	3	Vertical	178	1.50	-	51.51	27.59	4.01	-
AV	2.4908G	45.13	54.00	-8.87	31.51	3	Vertical	178	1.50	-	13.62	27.42	4.09	-
PK	2.3884G	61.84	74.00	-12.16	31.62	3	Vertical	178	1.50	-	30.22	27.62	4.00	-
PK	2.4088G	92.72	Inf	-Inf	31.59	3	Vertical	178	1.50	-	61.13	27.58	4.01	-
PK	2.4924G	55.91	74.00	-18.09	31.51	3	Vertical	178	1.50	-	24.40	27.42	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2422MHz_TX

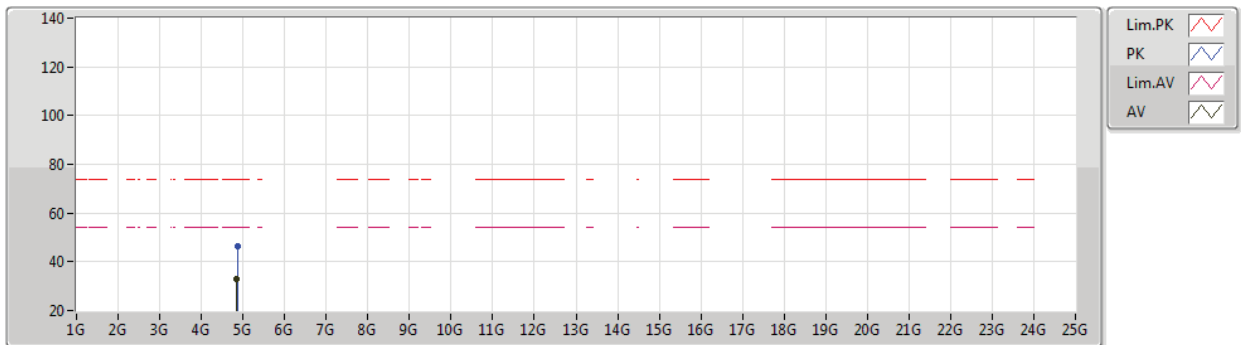


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	53.49	54.00	-0.51	31.61	3	Horizontal	165	3.00	-	21.88	27.62	3.99	-
AV	2.4076G	89.20	Inf	-Inf	31.59	3	Horizontal	165	3.00	-	57.61	27.58	4.01	-
AV	2.4844G	45.41	54.00	-8.59	31.52	3	Horizontal	165	3.00	-	13.89	27.43	4.09	-
PK	2.388G	69.62	74.00	-4.38	31.61	3	Horizontal	165	3.00	-	38.01	27.62	3.99	-
PK	2.408G	97.86	Inf	-Inf	31.59	3	Horizontal	165	3.00	-	66.27	27.58	4.01	-
PK	2.486G	56.45	74.00	-17.55	31.52	3	Horizontal	165	3.00	-	24.93	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2422MHz_TX

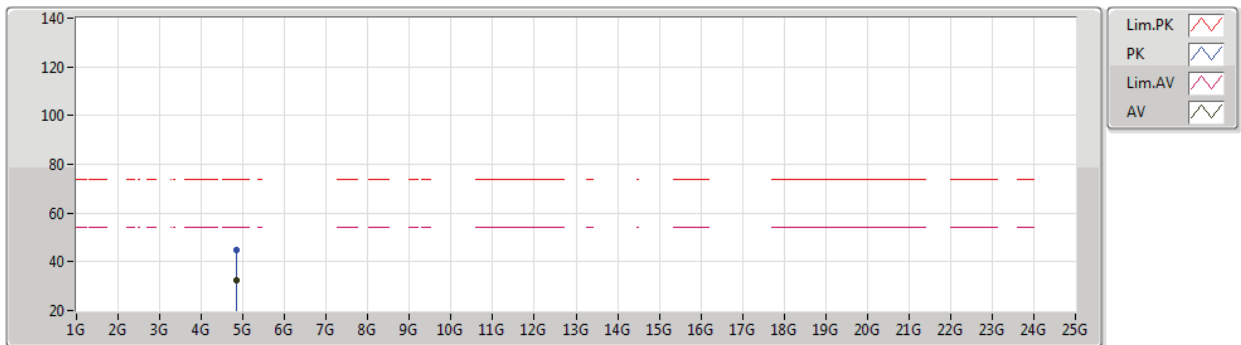


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8515G	32.78	54.00	-21.22	7.52	3	Vertical	16	1.77	-	25.26	31.10	5.81	29.39
PK	4.85882G	46.15	74.00	-27.85	7.54	3	Vertical	16	1.77	-	38.61	31.10	5.82	29.38

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2422MHz_TX

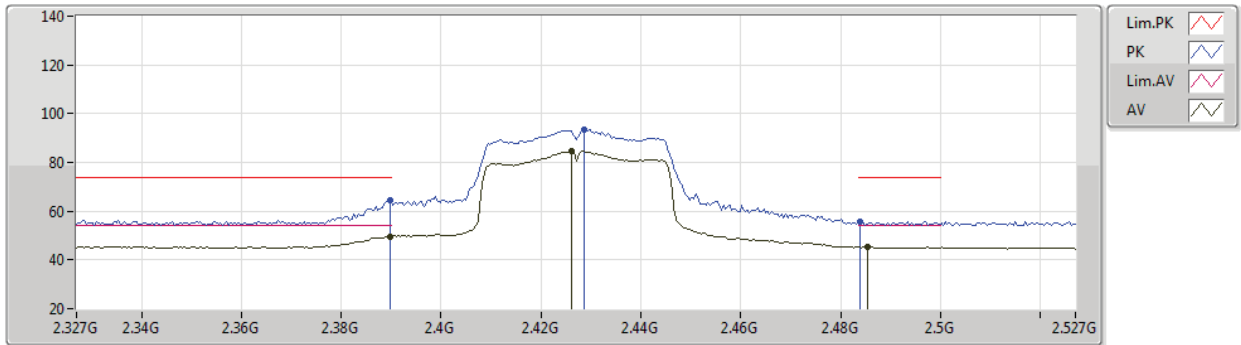


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.85204G	32.47	54.00	-21.53	7.52	3	Horizontal	111	1.69	-	24.95	31.10	5.81	29.39
PK	4.84298G	44.63	74.00	-29.37	7.52	3	Horizontal	111	1.69	-	37.11	31.10	5.81	29.39

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2427MHz_TX

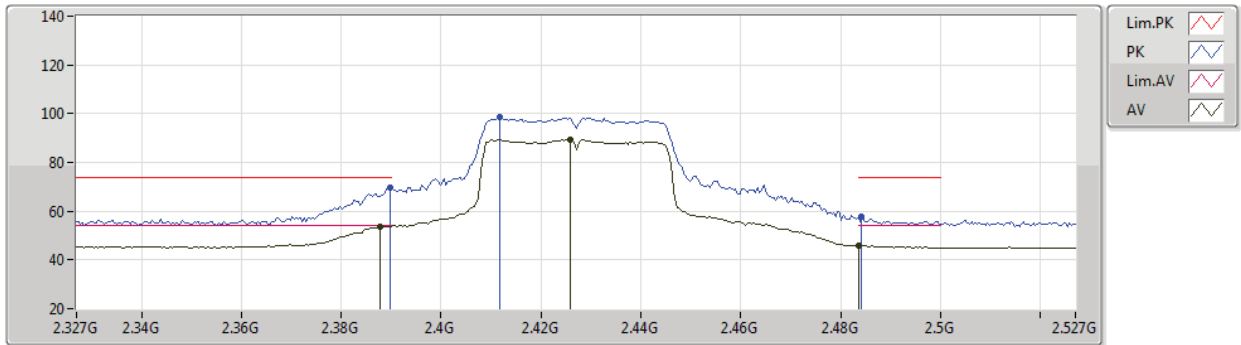


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.72	54.00	-4.28	31.62	3	Vertical	179	1.69	-	18.10	27.62	4.00	-
AV	2.4262G	84.82	Inf	-Inf	31.58	3	Vertical	179	1.69	-	53.24	27.55	4.03	-
AV	2.4854G	45.21	54.00	-8.79	31.52	3	Vertical	179	1.69	-	13.69	27.43	4.09	-
PK	2.3898G	64.33	74.00	-9.67	31.62	3	Vertical	179	1.69	-	32.71	27.62	4.00	-
PK	2.4286G	93.44	Inf	-Inf	31.57	3	Vertical	179	1.69	-	61.87	27.54	4.03	-
PK	2.4838G	55.93	74.00	-18.07	31.51	3	Vertical	179	1.69	-	24.42	27.43	4.08	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2427MHz_TX

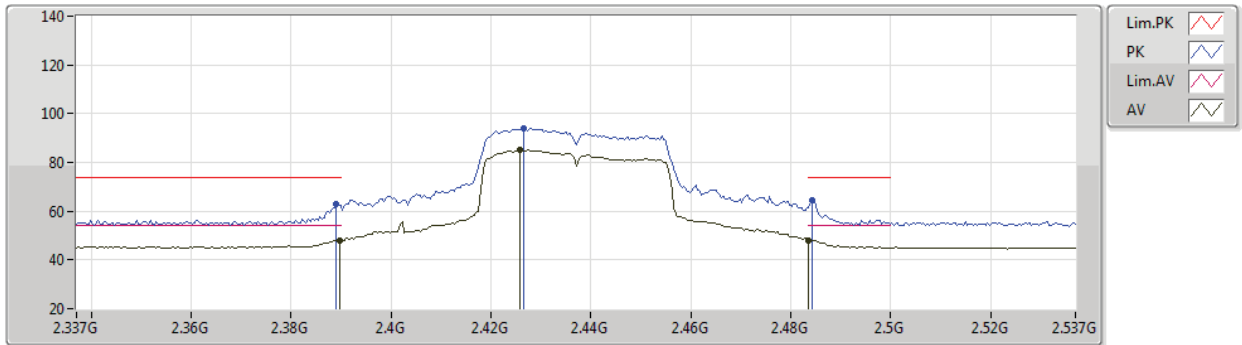


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	53.77	54.00	-0.23	31.61	3	Horizontal	165	3.00	-	22.16	27.62	3.99	-
AV	2.4258G	89.50	Inf	-Inf	31.58	3	Horizontal	165	3.00	-	57.92	27.55	4.03	-
AV	2.4835G	45.85	54.00	-8.15	31.51	3	Horizontal	165	3.00	-	14.34	27.43	4.08	-
PK	2.3898G	69.58	74.00	-4.42	31.62	3	Horizontal	165	3.00	-	37.96	27.62	4.00	-
PK	2.4118G	98.56	Inf	-Inf	31.60	3	Horizontal	165	3.00	-	66.96	27.58	4.02	-
PK	2.4842G	57.67	74.00	-16.33	31.52	3	Horizontal	165	3.00	-	26.15	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2437MHz_TX

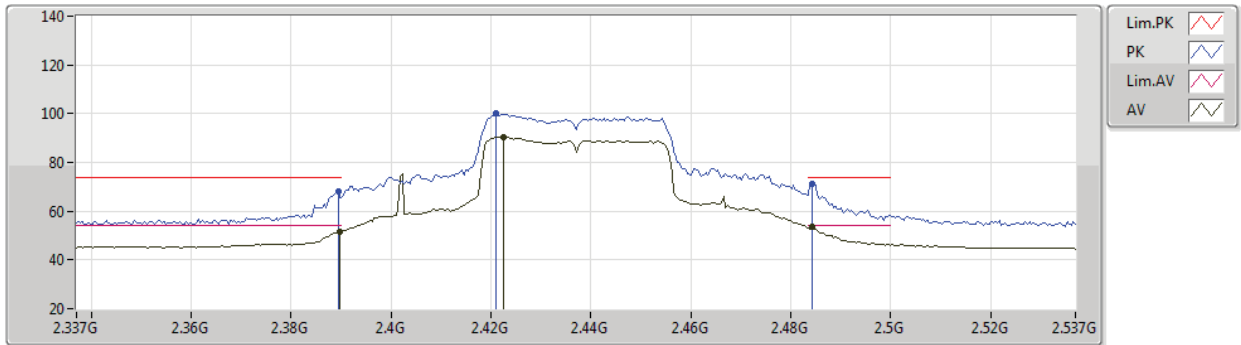


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.15	54.00	-5.85	31.62	3	Vertical	193	2.04	-	16.53	27.62	4.00	-
AV	2.4258G	85.04	Inf	-Inf	31.58	3	Vertical	193	2.04	-	53.46	27.55	4.03	-
AV	2.4835G	48.15	54.00	-5.85	31.51	3	Vertical	193	2.04	-	16.64	27.43	4.08	-
PK	2.389G	62.82	74.00	-11.18	31.62	3	Vertical	193	2.04	-	31.20	27.62	4.00	-
PK	2.4266G	94.06	Inf	-Inf	31.58	3	Vertical	193	2.04	-	62.48	27.55	4.03	-
PK	2.4842G	64.46	74.00	-9.54	31.52	3	Vertical	193	2.04	-	32.94	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2437MHz_TX

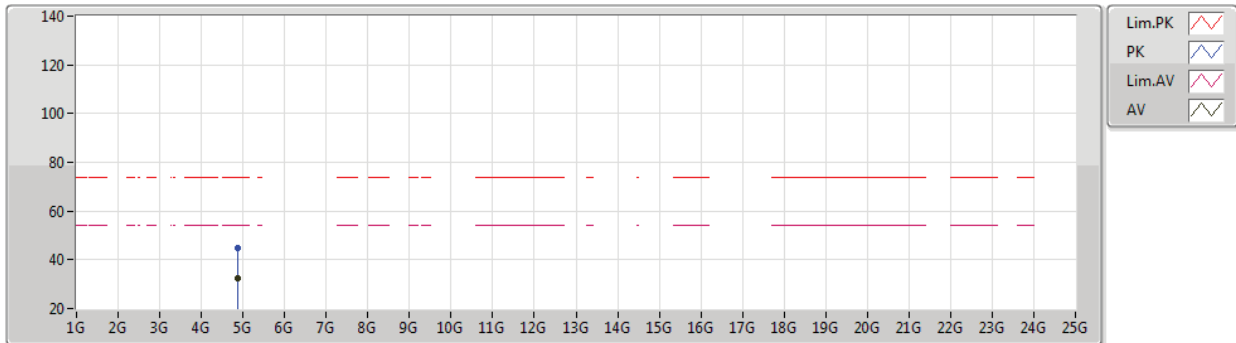


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.59	54.00	-2.41	31.62	3	Horizontal	181	3.00	-	19.97	27.62	4.00	-
AV	2.4226G	90.50	Inf	-Inf	31.58	3	Horizontal	181	3.00	-	58.92	27.55	4.03	-
AV	2.4842G	53.52	54.00	-0.48	31.52	3	Horizontal	181	3.00	-	22.00	27.43	4.09	-
PK	2.3894G	68.03	74.00	-5.97	31.62	3	Horizontal	181	3.00	-	36.41	27.62	4.00	-
PK	2.421G	99.95	Inf	-Inf	31.59	3	Horizontal	181	3.00	-	68.36	27.56	4.03	-
PK	2.4842G	71.44	74.00	-2.56	31.52	3	Horizontal	181	3.00	-	39.92	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2437MHz_TX

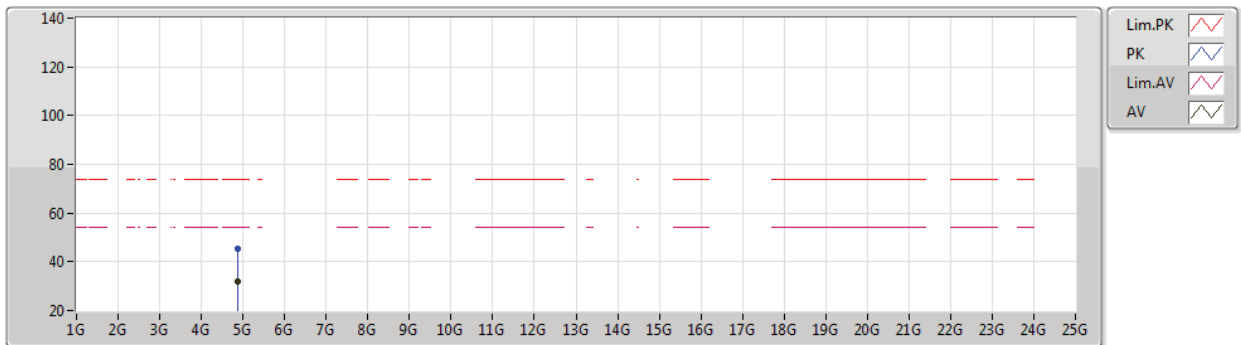


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87406G	32.18	54.00	-21.82	7.55	3	Vertical	125	1.59	-	24.63	31.10	5.83	29.38
PK	4.87178G	45.08	74.00	-28.92	7.55	3	Vertical	125	1.59	-	37.53	31.10	5.83	29.38

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2437MHz_TX

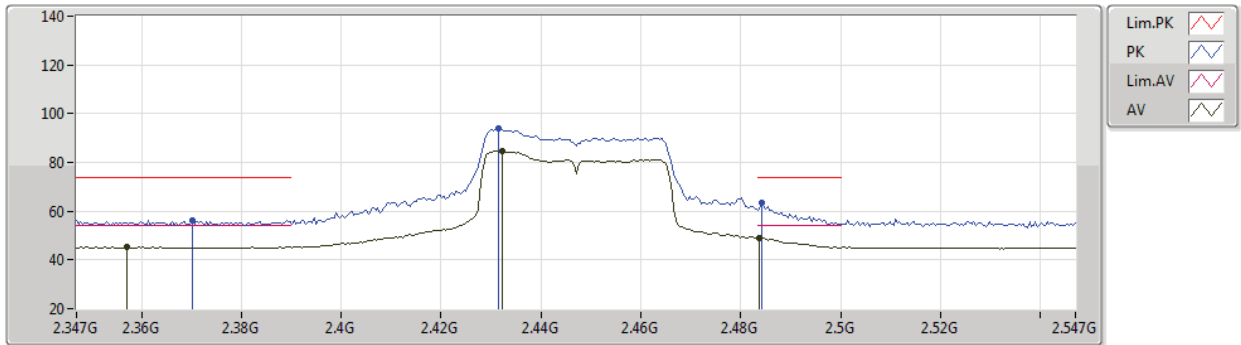


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87676G	32.03	54.00	-21.97	7.55	3	Horizontal	76	2.05	-	24.48	31.10	5.83	29.38
PK	4.86788G	45.18	74.00	-28.82	7.54	3	Horizontal	76	2.05	-	37.64	31.10	5.82	29.38

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2447MHz_TX

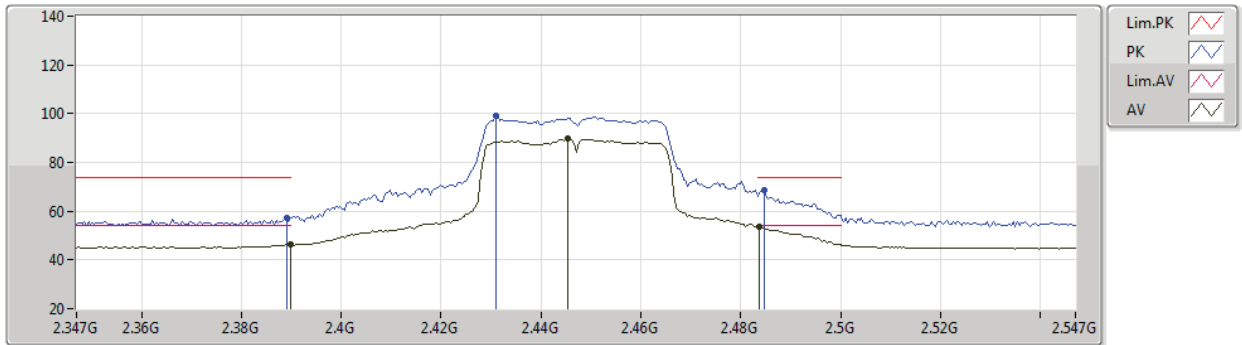


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.357G	45.27	54.00	-8.73	31.66	3	Vertical	189	2.03	-	13.61	27.69	3.97	-
AV	2.4322G	84.83	Inf	-Inf	31.58	3	Vertical	189	2.03	-	53.25	27.54	4.04	-
AV	2.4838G	49.10	54.00	-4.90	31.51	3	Vertical	189	2.03	-	17.59	27.43	4.08	-
PK	2.3702G	56.35	74.00	-17.65	31.64	3	Vertical	189	2.03	-	24.71	27.66	3.98	-
PK	2.4314G	94.21	Inf	-Inf	31.58	3	Vertical	189	2.03	-	62.63	27.54	4.04	-
PK	2.4842G	63.46	74.00	-10.54	31.52	3	Vertical	189	2.03	-	31.94	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2447MHz_TX

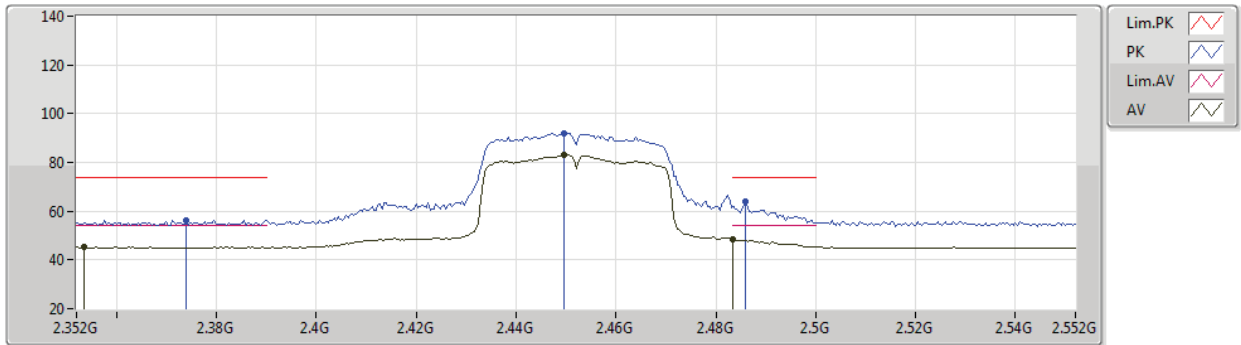


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	46.39	54.00	-7.61	31.62	3	Horizontal	168	2.91	-	14.77	27.62	4.00	-
AV	2.4454G	89.61	Inf	-Inf	31.56	3	Horizontal	168	2.91	-	58.05	27.51	4.05	-
AV	2.4838G	53.74	54.00	-0.26	31.51	3	Horizontal	168	2.91	-	22.23	27.43	4.08	-
PK	2.389G	57.10	74.00	-16.90	31.62	3	Horizontal	168	2.91	-	25.48	27.62	4.00	-
PK	2.431G	98.93	Inf	-Inf	31.58	3	Horizontal	168	2.91	-	67.35	27.54	4.04	-
PK	2.4846G	68.70	74.00	-5.30	31.52	3	Horizontal	168	2.91	-	37.18	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2452MHz_TX

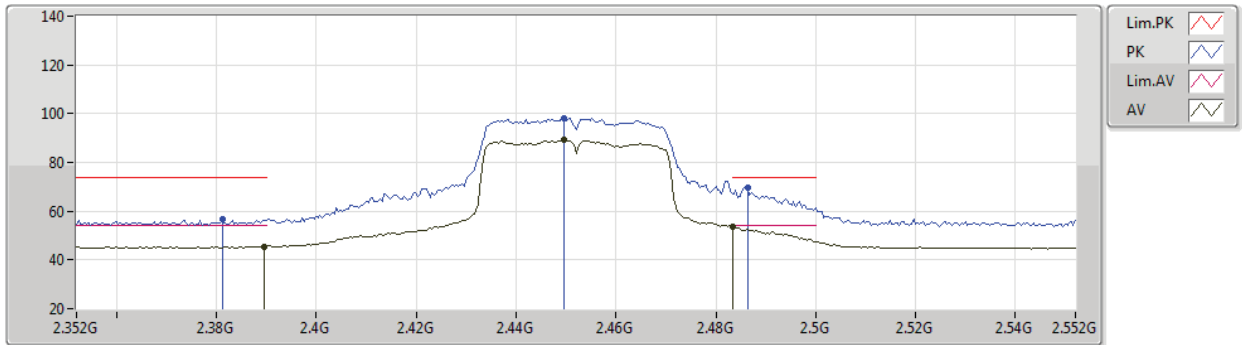


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3536G	45.28	54.00	-8.72	31.65	3	Vertical	190	1.89	-	13.63	27.69	3.96	-
AV	2.4496G	83.27	Inf	-Inf	31.55	3	Vertical	190	1.89	-	51.72	27.50	4.05	-
AV	2.4835G	48.52	54.00	-5.48	31.51	3	Vertical	190	1.89	-	17.01	27.43	4.08	-
PK	2.374G	56.37	74.00	-17.63	31.63	3	Vertical	190	1.89	-	24.74	27.65	3.98	-
PK	2.4496G	91.83	Inf	-Inf	31.55	3	Vertical	190	1.89	-	60.28	27.50	4.05	-
PK	2.486G	63.74	74.00	-10.26	31.52	3	Vertical	190	1.89	-	32.22	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2452MHz_TX

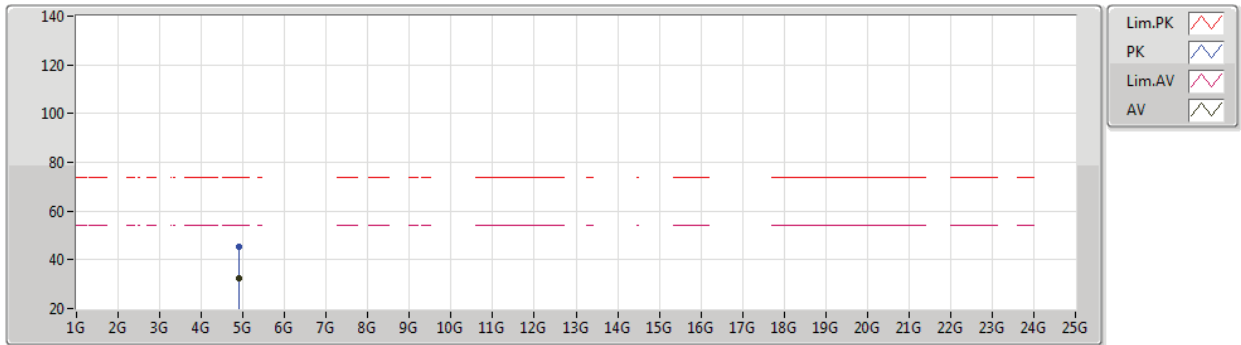


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	45.51	54.00	-8.49	31.62	3	Horizontal	168	2.91	-	13.89	27.62	4.00	-
AV	2.4496G	89.18	Inf	-Inf	31.55	3	Horizontal	168	2.91	-	57.63	27.50	4.05	-
AV	2.4835G	53.43	54.00	-0.57	31.51	3	Horizontal	168	2.91	-	21.92	27.43	4.08	-
PK	2.3812G	56.68	74.00	-17.32	31.63	3	Horizontal	168	2.91	-	25.05	27.64	3.99	-
PK	2.4496G	98.12	Inf	-Inf	31.55	3	Horizontal	168	2.91	-	66.57	27.50	4.05	-
PK	2.4864G	69.71	74.00	-4.29	31.52	3	Horizontal	168	2.91	-	38.19	27.43	4.09	-

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2452MHz_TX

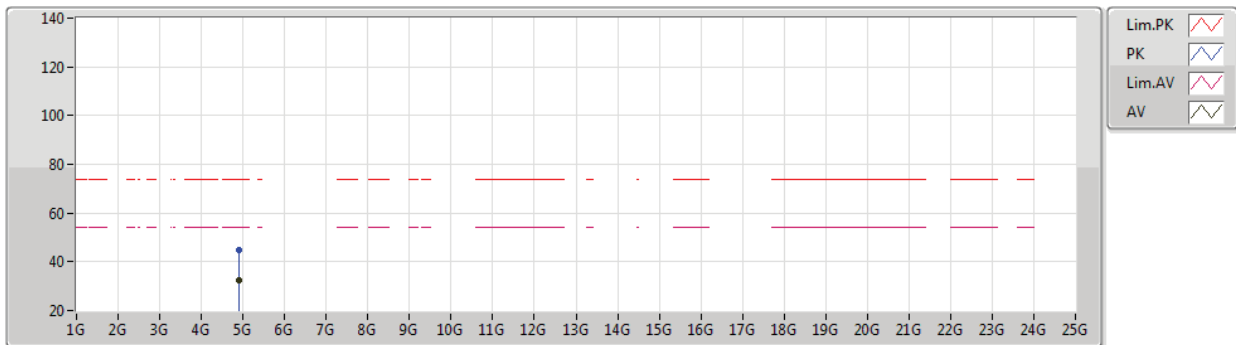


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91234G	32.51	54.00	-21.49	7.62	3	Vertical	303	1.58	-	24.89	31.12	5.86	29.36
PK	4.89788G	45.15	74.00	-28.85	7.58	3	Vertical	303	1.58	-	37.57	31.10	5.85	29.37

802.11n HT40_Nss1,(MCS0)_2TX

15/04/2020

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90976G	32.31	54.00	-21.69	7.62	3	Horizontal	68	1.50	-	24.69	31.12	5.86	29.36
PK	4.91288G	44.63	74.00	-29.37	7.63	3	Horizontal	68	1.50	-	37.00	31.13	5.86	29.36



Summary

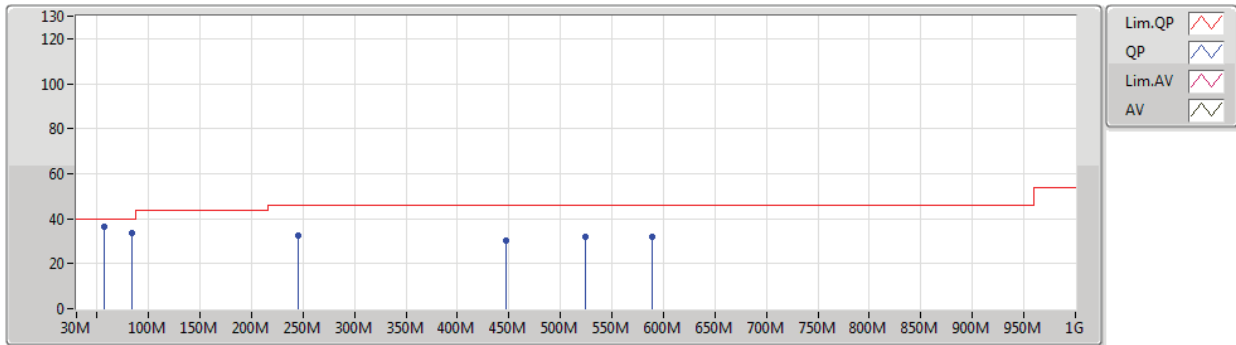
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	57.16M	36.40	40.00	-3.60	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	57.16M	36.40	40.00	-3.60	3	Vertical	360	1.00	-
2437MHz	Pass	PK	84.32M	33.80	40.00	-6.20	3	Vertical	360	1.00	-
2437MHz	Pass	PK	245.34M	32.77	46.00	-13.23	3	Vertical	360	1.00	-
2437MHz	Pass	PK	447.1M	30.10	46.00	-15.90	3	Vertical	360	1.00	-
2437MHz	Pass	PK	524.7M	31.91	46.00	-14.09	3	Vertical	360	1.00	-
2437MHz	Pass	PK	588.72M	31.71	46.00	-14.29	3	Vertical	360	1.00	-
2437MHz	Pass	PK	57.16M	25.56	40.00	-14.44	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	84.32M	27.95	40.00	-12.05	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	245.34M	37.55	46.00	-8.45	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	474.26M	35.59	46.00	-10.41	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	567.38M	32.64	46.00	-13.36	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	677.96M	29.94	46.00	-16.06	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX 2437MHz_Switching Power Supply

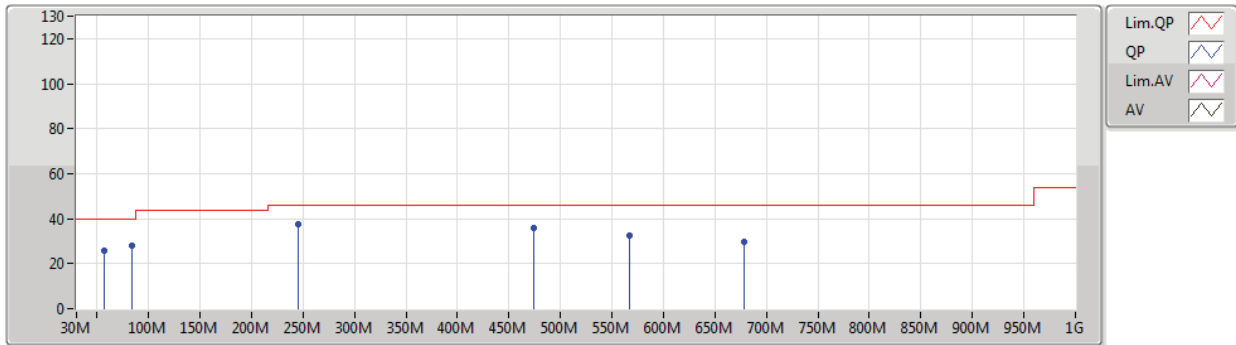
21/04/2020



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)
PK	57.16M	36.40	40.00	-3.60	-14.74	3	Vertical	360	1.00	-	51.14	11.56	1.20	27.50
PK	84.32M	33.80	40.00	-6.20	-13.19	3	Vertical	360	1.00	-	46.99	12.75	1.49	27.43
PK	245.34M	32.77	46.00	-13.23	-7.16	3	Vertical	360	1.00	-	39.93	17.00	2.57	26.73
PK	447.1M	30.10	46.00	-15.90	-2.46	3	Vertical	360	1.00	-	32.56	21.81	3.39	27.66
PK	524.7M	31.91	46.00	-14.09	-1.31	3	Vertical	360	1.00	-	33.22	22.79	3.80	27.90
PK	588.72M	31.71	46.00	-14.29	-0.04	3	Vertical	360	1.00	-	31.75	23.92	4.05	28.01

802.11n HT40_Nss1,(MCS0)_2TX 2437MHz_Switching Power Supply

21/04/2020



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)
PK	57.16M	25.56	40.00	-14.44	-14.74	3	Horizontal	0	1.00	-	40.30	11.56	1.20	27.50
PK	84.32M	27.95	40.00	-12.05	-13.19	3	Horizontal	0	1.00	-	41.14	12.75	1.49	27.43
PK	245.34M	37.55	46.00	-8.45	-7.16	3	Horizontal	0	1.00	-	44.71	17.00	2.57	26.73
PK	474.26M	35.59	46.00	-10.41	-1.51	3	Horizontal	0	1.00	-	37.10	22.68	3.55	27.74
PK	567.38M	32.64	46.00	-13.36	-0.13	3	Horizontal	0	1.00	-	32.77	23.92	3.97	28.02
PK	677.96M	29.94	46.00	-16.06	0.39	3	Horizontal	0	1.00	-	29.55	24.06	4.36	28.03

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.82398G	53.87	54.00	-0.13	3	Horizontal	105	1.04	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.93	54.00	-0.07	3	Horizontal	119	1.53	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.61	54.00	-0.39	3	Horizontal	134	1.84	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4848G	53.85	54.00	-0.15	3	Horizontal	136	1.83	-

**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	2.3862G	51.76	54.00	-2.24	3	Vertical	232	1.48	-
2412MHz	Pass	AV	2.4128G	98.09	Inf	-Inf	3	Vertical	232	1.48	-
2412MHz	Pass	PK	2.3854G	61.94	74.00	-12.06	3	Vertical	232	1.48	-
2412MHz	Pass	PK	2.412G	100.87	Inf	-Inf	3	Vertical	232	1.48	-
2412MHz	Pass	AV	2.3866G	52.83	54.00	-1.17	3	Horizontal	135	1.50	-
2412MHz	Pass	AV	2.4128G	101.72	Inf	-Inf	3	Horizontal	135	1.50	-
2412MHz	Pass	PK	2.3864G	62.34	74.00	-11.66	3	Horizontal	135	1.50	-
2412MHz	Pass	PK	2.412G	104.40	Inf	-Inf	3	Horizontal	135	1.50	-
2412MHz	Pass	AV	4.82395G	45.19	54.00	-8.81	3	Vertical	185	3.00	-
2412MHz	Pass	PK	4.82405G	50.46	74.00	-23.54	3	Vertical	185	3.00	-
2412MHz	Pass	AV	4.82398G	53.87	54.00	-0.13	3	Horizontal	105	1.04	-
2412MHz	Pass	PK	4.82402G	56.45	74.00	-17.55	3	Horizontal	105	1.04	-
2437MHz	Pass	AV	2.3566G	48.59	54.00	-5.41	3	Vertical	234	1.44	-
2437MHz	Pass	AV	2.4362G	97.11	Inf	-Inf	3	Vertical	234	1.44	-
2437MHz	Pass	AV	2.4854G	48.93	54.00	-5.07	3	Vertical	234	1.44	-
2437MHz	Pass	PK	2.3398G	61.05	74.00	-12.95	3	Vertical	234	1.44	-
2437MHz	Pass	PK	2.437G	99.97	Inf	-Inf	3	Vertical	234	1.44	-
2437MHz	Pass	PK	2.4918G	62.02	74.00	-11.98	3	Vertical	234	1.44	-
2437MHz	Pass	AV	2.3422G	48.72	54.00	-5.28	3	Horizontal	123	1.55	-
2437MHz	Pass	AV	2.4362G	104.80	Inf	-Inf	3	Horizontal	123	1.55	-
2437MHz	Pass	AV	2.4854G	48.93	54.00	-5.07	3	Horizontal	123	1.55	-
2437MHz	Pass	PK	2.3606G	60.87	74.00	-13.13	3	Horizontal	123	1.55	-
2437MHz	Pass	PK	2.437G	107.62	Inf	-Inf	3	Horizontal	123	1.55	-
2437MHz	Pass	PK	2.4914G	61.10	74.00	-12.90	3	Horizontal	123	1.55	-
2437MHz	Pass	AV	4.874G	46.59	54.00	-7.41	3	Vertical	125	2.28	-
2437MHz	Pass	AV	7.31178G	45.21	54.00	-8.79	3	Vertical	111	1.48	-
2437MHz	Pass	PK	4.87395G	51.55	74.00	-22.45	3	Vertical	125	2.28	-
2437MHz	Pass	PK	7.30896G	54.64	74.00	-19.36	3	Vertical	111	1.48	-
2437MHz	Pass	AV	4.87398G	53.32	54.00	-0.68	3	Horizontal	107	1.36	-
2437MHz	Pass	AV	7.31178G	50.87	54.00	-3.13	3	Horizontal	98	1.24	-
2437MHz	Pass	PK	4.87406G	56.20	74.00	-17.80	3	Horizontal	107	1.36	-
2437MHz	Pass	PK	7.31022G	57.44	74.00	-16.56	3	Horizontal	98	1.24	-
2462MHz	Pass	AV	2.4628G	98.70	Inf	-Inf	3	Vertical	129	2.51	-
2462MHz	Pass	AV	2.4876G	50.29	54.00	-3.71	3	Vertical	129	2.51	-
2462MHz	Pass	PK	2.462G	101.44	Inf	-Inf	3	Vertical	129	2.51	-
2462MHz	Pass	PK	2.4842G	62.08	74.00	-11.92	3	Vertical	129	2.51	-
2462MHz	Pass	AV	2.4612G	105.71	Inf	-Inf	3	Horizontal	134	1.43	-
2462MHz	Pass	AV	2.4876G	53.60	54.00	-0.40	3	Horizontal	134	1.43	-
2462MHz	Pass	PK	2.4622G	108.54	Inf	-Inf	3	Horizontal	134	1.43	-
2462MHz	Pass	PK	2.4836G	63.62	74.00	-10.38	3	Horizontal	134	1.43	-
2462MHz	Pass	AV	4.92397G	43.33	54.00	-10.67	3	Vertical	175	1.50	-
2462MHz	Pass	AV	7.38702G	45.36	54.00	-8.64	3	Vertical	166	1.50	-
2462MHz	Pass	PK	4.92389G	49.72	74.00	-24.28	3	Vertical	175	1.50	-
2462MHz	Pass	PK	7.38546G	54.62	74.00	-19.38	3	Vertical	166	1.50	-
2462MHz	Pass	AV	4.92398G	50.95	54.00	-3.05	3	Horizontal	109	1.36	-
2462MHz	Pass	AV	7.38528G	52.47	54.00	-1.53	3	Horizontal	101	1.42	-
2462MHz	Pass	PK	4.92395G	54.44	74.00	-19.56	3	Horizontal	109	1.36	-



RSE TX above 1GHz_Host 2

Appendix F.2.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.38684G	58.48	74.00	-15.52	3	Horizontal	101	1.42	-
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.74	54.00	-4.26	3	Vertical	233	1.35	-
2412MHz	Pass	AV	2.407G	90.28	Inf	-Inf	3	Vertical	233	1.35	-
2412MHz	Pass	PK	2.3886G	61.42	74.00	-12.58	3	Vertical	233	1.35	-
2412MHz	Pass	PK	2.4072G	98.81	Inf	-Inf	3	Vertical	233	1.35	-
2412MHz	Pass	AV	2.39G	53.93	54.00	-0.07	3	Horizontal	119	1.53	-
2412MHz	Pass	AV	2.407G	98.80	Inf	-Inf	3	Horizontal	119	1.53	-
2412MHz	Pass	PK	2.39G	69.04	74.00	-4.96	3	Horizontal	119	1.53	-
2412MHz	Pass	PK	2.4072G	107.29	Inf	-Inf	3	Horizontal	119	1.53	-
2412MHz	Pass	AV	4.8294G	34.79	54.00	-19.21	3	Vertical	165	1.49	-
2412MHz	Pass	PK	4.8318G	46.87	74.00	-27.13	3	Vertical	165	1.49	-
2412MHz	Pass	AV	4.82406G	38.07	54.00	-15.93	3	Horizontal	103	1.24	-
2412MHz	Pass	PK	4.82424G	50.52	74.00	-23.48	3	Horizontal	103	1.24	-
2417MHz	Pass	AV	2.3896G	49.31	54.00	-4.69	3	Vertical	235	1.48	-
2417MHz	Pass	AV	2.4114G	91.61	Inf	-Inf	3	Vertical	235	1.48	-
2417MHz	Pass	PK	2.3892G	61.09	74.00	-12.91	3	Vertical	235	1.48	-
2417MHz	Pass	PK	2.4104G	100.95	Inf	-Inf	3	Vertical	235	1.48	-
2417MHz	Pass	AV	2.3898G	53.39	54.00	-0.61	3	Horizontal	136	1.54	-
2417MHz	Pass	AV	2.4226G	100.99	Inf	-Inf	3	Horizontal	136	1.54	-
2417MHz	Pass	PK	2.3888G	67.25	74.00	-6.75	3	Horizontal	136	1.54	-
2417MHz	Pass	PK	2.4214G	110.17	Inf	-Inf	3	Horizontal	136	1.54	-
2437MHz	Pass	AV	2.337G	49.02	54.00	-4.98	3	Vertical	204	1.24	-
2437MHz	Pass	AV	2.4438G	94.07	Inf	-Inf	3	Vertical	204	1.24	-
2437MHz	Pass	AV	2.4846G	49.41	54.00	-4.59	3	Vertical	204	1.24	-
2437MHz	Pass	PK	2.377G	61.21	74.00	-12.79	3	Vertical	204	1.24	-
2437MHz	Pass	PK	2.4422G	103.27	Inf	-Inf	3	Vertical	204	1.24	-
2437MHz	Pass	PK	2.4874G	61.53	74.00	-12.47	3	Vertical	204	1.24	-
2437MHz	Pass	AV	2.341G	49.21	54.00	-4.79	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	2.4314G	102.37	Inf	-Inf	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	2.4914G	49.62	54.00	-4.38	3	Horizontal	136	1.77	-
2437MHz	Pass	PK	2.389G	61.31	74.00	-12.69	3	Horizontal	136	1.77	-
2437MHz	Pass	PK	2.4314G	110.86	Inf	-Inf	3	Horizontal	136	1.77	-
2437MHz	Pass	PK	2.4954G	61.56	74.00	-12.44	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	4.87404G	37.05	54.00	-16.95	3	Vertical	124	2.28	-
2437MHz	Pass	AV	7.31238G	41.13	54.00	-12.87	3	Vertical	111	1.50	-
2437MHz	Pass	PK	4.86816G	48.98	74.00	-25.02	3	Vertical	124	2.28	-
2437MHz	Pass	PK	7.31616G	54.60	74.00	-19.40	3	Vertical	111	1.50	-
2437MHz	Pass	AV	4.87544G	41.03	54.00	-12.97	3	Horizontal	108	1.41	-
2437MHz	Pass	AV	7.3104G	46.24	54.00	-7.76	3	Horizontal	100	1.52	-
2437MHz	Pass	PK	4.8764G	53.96	74.00	-20.04	3	Horizontal	108	1.41	-
2437MHz	Pass	PK	7.30884G	58.79	74.00	-15.21	3	Horizontal	100	1.52	-
2457MHz	Pass	AV	2.4624G	92.70	Inf	-Inf	3	Vertical	234	1.40	-
2457MHz	Pass	AV	2.4842G	50.71	54.00	-3.29	3	Vertical	234	1.40	-
2457MHz	Pass	PK	2.4536G	101.31	Inf	-Inf	3	Vertical	234	1.40	-
2457MHz	Pass	PK	2.4858G	62.67	74.00	-11.33	3	Vertical	234	1.40	-
2457MHz	Pass	AV	2.4506G	100.72	Inf	-Inf	3	Horizontal	137	1.50	-
2457MHz	Pass	AV	2.4835G	52.52	54.00	-1.48	3	Horizontal	137	1.50	-
2457MHz	Pass	PK	2.451G	109.26	Inf	-Inf	3	Horizontal	137	1.50	-



RSE TX above 1GHz_Host 2

Appendix F.2.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4882G	67.45	74.00	-6.55	3	Horizontal	137	1.50	-
2462MHz	Pass	AV	2.4554G	90.18	Inf	-Inf	3	Vertical	234	1.48	-
2462MHz	Pass	AV	2.4838G	50.50	54.00	-3.50	3	Vertical	234	1.48	-
2462MHz	Pass	PK	2.4558G	99.20	Inf	-Inf	3	Vertical	234	1.48	-
2462MHz	Pass	PK	2.4838G	64.73	74.00	-9.27	3	Vertical	234	1.48	-
2462MHz	Pass	AV	2.456G	98.14	Inf	-Inf	3	Horizontal	138	1.73	-
2462MHz	Pass	AV	2.4835G	53.30	54.00	-0.70	3	Horizontal	138	1.73	-
2462MHz	Pass	PK	2.4558G	107.12	Inf	-Inf	3	Horizontal	138	1.73	-
2462MHz	Pass	PK	2.4836G	70.48	74.00	-3.52	3	Horizontal	138	1.73	-
2462MHz	Pass	AV	4.924G	35.17	54.00	-18.83	3	Vertical	154	1.90	-
2462MHz	Pass	AV	7.3833G	40.75	54.00	-13.25	3	Vertical	184	1.01	-
2462MHz	Pass	PK	4.93606G	46.97	74.00	-27.03	3	Vertical	154	1.90	-
2462MHz	Pass	PK	7.37856G	52.84	74.00	-21.16	3	Vertical	184	1.01	-
2462MHz	Pass	AV	4.92412G	37.97	54.00	-16.03	3	Horizontal	110	1.40	-
2462MHz	Pass	AV	7.3887G	43.18	54.00	-10.82	3	Horizontal	102	1.44	-
2462MHz	Pass	PK	4.9222G	48.88	74.00	-25.12	3	Horizontal	110	1.40	-
2462MHz	Pass	PK	7.37832G	56.10	74.00	-17.90	3	Horizontal	102	1.44	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.62	54.00	-4.38	3	Vertical	196	1.52	-
2412MHz	Pass	AV	2.406G	90.06	Inf	-Inf	3	Vertical	196	1.52	-
2412MHz	Pass	PK	2.39G	63.29	74.00	-10.71	3	Vertical	196	1.52	-
2412MHz	Pass	PK	2.4068G	99.17	Inf	-Inf	3	Vertical	196	1.52	-
2412MHz	Pass	AV	2.39G	53.35	54.00	-0.65	3	Horizontal	135	1.54	-
2412MHz	Pass	AV	2.417G	98.36	Inf	-Inf	3	Horizontal	135	1.54	-
2412MHz	Pass	PK	2.39G	67.60	74.00	-6.40	3	Horizontal	135	1.54	-
2412MHz	Pass	PK	2.4166G	107.03	Inf	-Inf	3	Horizontal	135	1.54	-
2412MHz	Pass	AV	4.82388G	34.55	54.00	-19.45	3	Vertical	145	1.49	-
2412MHz	Pass	PK	4.82394G	46.34	74.00	-27.66	3	Vertical	145	1.49	-
2412MHz	Pass	AV	4.81062G	33.86	54.00	-20.14	3	Horizontal	196	1.32	-
2412MHz	Pass	PK	4.81302G	45.60	74.00	-28.40	3	Horizontal	196	1.32	-
2417MHz	Pass	AV	2.39G	49.63	54.00	-4.37	3	Vertical	232	1.48	-
2417MHz	Pass	AV	2.411G	92.43	Inf	-Inf	3	Vertical	232	1.48	-
2417MHz	Pass	PK	2.3874G	61.68	74.00	-12.32	3	Vertical	232	1.48	-
2417MHz	Pass	PK	2.422G	101.51	Inf	-Inf	3	Vertical	232	1.48	-
2417MHz	Pass	AV	2.39G	53.61	54.00	-0.39	3	Horizontal	134	1.84	-
2417MHz	Pass	AV	2.411G	100.75	Inf	-Inf	3	Horizontal	134	1.84	-
2417MHz	Pass	PK	2.3898G	67.34	74.00	-6.66	3	Horizontal	134	1.84	-
2417MHz	Pass	PK	2.4136G	109.35	Inf	-Inf	3	Horizontal	134	1.84	-
2437MHz	Pass	AV	2.3378G	48.69	54.00	-5.31	3	Vertical	197	1.39	-
2437MHz	Pass	AV	2.4326G	93.87	Inf	-Inf	3	Vertical	197	1.39	-
2437MHz	Pass	AV	2.4846G	49.09	54.00	-4.91	3	Vertical	197	1.39	-
2437MHz	Pass	PK	2.3558G	60.64	74.00	-13.36	3	Vertical	197	1.39	-
2437MHz	Pass	PK	2.433G	102.08	Inf	-Inf	3	Vertical	197	1.39	-
2437MHz	Pass	PK	2.4882G	60.42	74.00	-13.58	3	Vertical	197	1.39	-
2437MHz	Pass	AV	2.349G	48.80	54.00	-5.20	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	2.431G	101.52	Inf	-Inf	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	2.4854G	49.10	54.00	-4.90	3	Horizontal	136	1.77	-
2437MHz	Pass	PK	2.3442G	60.69	74.00	-13.31	3	Horizontal	136	1.77	-
2437MHz	Pass	PK	2.4318G	109.64	Inf	-Inf	3	Horizontal	136	1.77	-



RSE TX above 1GHz_Host 2

Appendix F.2.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.485G	61.88	74.00	-12.12	3	Horizontal	136	1.77	-
2437MHz	Pass	AV	4.87262G	35.52	54.00	-18.48	3	Vertical	146	2.49	-
2437MHz	Pass	AV	7.3173G	39.83	54.00	-14.17	3	Vertical	336	2.17	-
2437MHz	Pass	PK	4.87004G	47.97	74.00	-26.03	3	Vertical	146	2.49	-
2437MHz	Pass	PK	7.31244G	52.31	74.00	-21.69	3	Vertical	336	2.17	-
2437MHz	Pass	AV	4.8728G	40.73	54.00	-13.27	3	Horizontal	106	1.42	-
2437MHz	Pass	AV	7.31502G	44.37	54.00	-9.63	3	Horizontal	100	1.50	-
2437MHz	Pass	PK	4.87316G	53.51	74.00	-20.49	3	Horizontal	106	1.42	-
2437MHz	Pass	PK	7.3071G	58.18	74.00	-15.82	3	Horizontal	100	1.50	-
2457MHz	Pass	AV	2.4628G	93.96	Inf	-Inf	3	Vertical	207	1.27	-
2457MHz	Pass	AV	2.4835G	50.97	54.00	-3.03	3	Vertical	207	1.27	-
2457MHz	Pass	PK	2.4608G	102.48	Inf	-Inf	3	Vertical	207	1.27	-
2457MHz	Pass	PK	2.4844G	64.84	74.00	-9.16	3	Vertical	207	1.27	-
2457MHz	Pass	AV	2.451G	99.97	Inf	-Inf	3	Horizontal	137	1.87	-
2457MHz	Pass	AV	2.4838G	52.84	54.00	-1.16	3	Horizontal	137	1.87	-
2457MHz	Pass	PK	2.4522G	108.89	Inf	-Inf	3	Horizontal	137	1.87	-
2457MHz	Pass	PK	2.4835G	66.53	74.00	-7.47	3	Horizontal	137	1.87	-
2462MHz	Pass	AV	2.4686G	91.14	Inf	-Inf	3	Vertical	206	1.20	-
2462MHz	Pass	AV	2.4836G	50.78	54.00	-3.22	3	Vertical	206	1.20	-
2462MHz	Pass	PK	2.4662G	100.28	Inf	-Inf	3	Vertical	206	1.20	-
2462MHz	Pass	PK	2.4836G	66.05	74.00	-7.95	3	Vertical	206	1.20	-
2462MHz	Pass	AV	2.4566G	97.41	Inf	-Inf	3	Horizontal	137	1.71	-
2462MHz	Pass	AV	2.4835G	52.98	54.00	-1.02	3	Horizontal	137	1.71	-
2462MHz	Pass	PK	2.4662G	106.32	Inf	-Inf	3	Horizontal	137	1.71	-
2462MHz	Pass	PK	2.4838G	70.19	74.00	-3.81	3	Horizontal	137	1.71	-
2462MHz	Pass	AV	4.93348G	34.90	54.00	-19.10	3	Vertical	65	2.43	-
2462MHz	Pass	AV	7.37976G	41.60	54.00	-12.40	3	Vertical	301	1.82	-
2462MHz	Pass	PK	4.939G	47.66	74.00	-26.34	3	Vertical	65	2.43	-
2462MHz	Pass	PK	7.39464G	54.90	74.00	-19.10	3	Vertical	301	1.82	-
2462MHz	Pass	AV	4.92425G	35.95	54.00	-18.05	3	Horizontal	337	1.42	-
2462MHz	Pass	AV	7.38186G	40.59	54.00	-13.41	3	Horizontal	203	1.38	-
2462MHz	Pass	PK	4.92646G	48.09	74.00	-25.91	3	Horizontal	337	1.42	-
2462MHz	Pass	PK	7.37916G	52.97	74.00	-21.03	3	Horizontal	203	1.38	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	50.22	54.00	-3.78	3	Vertical	196	1.43	-
2422MHz	Pass	AV	2.4084G	88.60	Inf	-Inf	3	Vertical	196	1.43	-
2422MHz	Pass	AV	2.486G	49.78	54.00	-4.22	3	Vertical	196	1.43	-
2422MHz	Pass	PK	2.39G	64.67	74.00	-9.33	3	Vertical	196	1.43	-
2422MHz	Pass	PK	2.4084G	96.63	Inf	-Inf	3	Vertical	196	1.43	-
2422MHz	Pass	PK	2.4936G	60.39	74.00	-13.61	3	Vertical	196	1.43	-
2422MHz	Pass	AV	2.3896G	53.73	54.00	-0.27	3	Horizontal	136	1.54	-
2422MHz	Pass	AV	2.4204G	94.76	Inf	-Inf	3	Horizontal	136	1.54	-
2422MHz	Pass	AV	2.4872G	49.77	54.00	-4.23	3	Horizontal	136	1.54	-
2422MHz	Pass	PK	2.3892G	69.46	74.00	-4.54	3	Horizontal	136	1.54	-
2422MHz	Pass	PK	2.4196G	102.76	Inf	-Inf	3	Horizontal	136	1.54	-
2422MHz	Pass	PK	2.4976G	61.56	74.00	-12.44	3	Horizontal	136	1.54	-
2422MHz	Pass	AV	4.84688G	34.91	54.00	-19.09	3	Vertical	73	2.33	-
2422MHz	Pass	AV	7.26312G	40.80	54.00	-13.20	3	Vertical	208	1.80	-
2422MHz	Pass	PK	4.859G	46.15	74.00	-27.85	3	Vertical	73	2.33	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.25856G	52.02	74.00	-21.98	3	Vertical	208	1.80	-
2422MHz	Pass	AV	4.84406G	37.34	54.00	-16.66	3	Horizontal	102	1.93	-
2422MHz	Pass	AV	7.27944G	40.81	54.00	-13.19	3	Horizontal	289	1.13	-
2422MHz	Pass	PK	4.84844G	48.23	74.00	-25.77	3	Horizontal	102	1.93	-
2422MHz	Pass	PK	7.266G	52.82	74.00	-21.18	3	Horizontal	289	1.13	-
2427MHz	Pass	AV	2.3898G	50.02	54.00	-3.98	3	Vertical	233	1.50	-
2427MHz	Pass	AV	2.4126G	87.15	Inf	-Inf	3	Vertical	233	1.50	-
2427MHz	Pass	AV	2.4866G	49.99	54.00	-4.01	3	Vertical	233	1.50	-
2427MHz	Pass	PK	2.3898G	62.85	74.00	-11.15	3	Vertical	233	1.50	-
2427MHz	Pass	PK	2.4114G	96.28	Inf	-Inf	3	Vertical	233	1.50	-
2427MHz	Pass	PK	2.487G	60.80	74.00	-13.20	3	Vertical	233	1.50	-
2427MHz	Pass	AV	2.3894G	53.60	54.00	-0.40	3	Horizontal	135	1.61	-
2427MHz	Pass	AV	2.4122G	95.12	Inf	-Inf	3	Horizontal	135	1.61	-
2427MHz	Pass	AV	2.4838G	49.97	54.00	-4.03	3	Horizontal	135	1.61	-
2427MHz	Pass	PK	2.3898G	68.51	74.00	-5.49	3	Horizontal	135	1.61	-
2427MHz	Pass	PK	2.4114G	105.31	Inf	-Inf	3	Horizontal	135	1.61	-
2427MHz	Pass	PK	2.499G	61.16	74.00	-12.84	3	Horizontal	135	1.61	-
2437MHz	Pass	AV	2.3894G	50.21	54.00	-3.79	3	Vertical	197	1.50	-
2437MHz	Pass	AV	2.4226G	87.68	Inf	-Inf	3	Vertical	197	1.50	-
2437MHz	Pass	AV	2.4846G	49.98	54.00	-4.02	3	Vertical	197	1.50	-
2437MHz	Pass	PK	2.3898G	61.32	74.00	-12.68	3	Vertical	197	1.50	-
2437MHz	Pass	PK	2.425G	96.02	Inf	-Inf	3	Vertical	197	1.50	-
2437MHz	Pass	PK	2.4894G	61.08	74.00	-12.92	3	Vertical	197	1.50	-
2437MHz	Pass	AV	2.3894G	53.34	54.00	-0.66	3	Horizontal	136	1.68	-
2437MHz	Pass	AV	2.4226G	96.21	Inf	-Inf	3	Horizontal	136	1.68	-
2437MHz	Pass	AV	2.4835G	52.04	54.00	-1.96	3	Horizontal	136	1.68	-
2437MHz	Pass	PK	2.3894G	66.31	74.00	-7.69	3	Horizontal	136	1.68	-
2437MHz	Pass	PK	2.4222G	104.43	Inf	-Inf	3	Horizontal	136	1.68	-
2437MHz	Pass	PK	2.4846G	65.92	74.00	-8.08	3	Horizontal	136	1.68	-
2437MHz	Pass	AV	4.88696G	35.02	54.00	-18.98	3	Vertical	358	2.29	-
2437MHz	Pass	AV	7.29834G	41.03	54.00	-12.97	3	Vertical	152	1.22	-
2437MHz	Pass	PK	4.88642G	45.89	74.00	-28.11	3	Vertical	358	2.29	-
2437MHz	Pass	PK	7.30176G	52.40	74.00	-21.60	3	Vertical	152	1.22	-
2437MHz	Pass	AV	4.87388G	37.05	54.00	-16.95	3	Horizontal	106	1.20	-
2437MHz	Pass	AV	7.29972G	40.95	54.00	-13.05	3	Horizontal	130	1.43	-
2437MHz	Pass	PK	4.87364G	47.19	74.00	-26.81	3	Horizontal	106	1.20	-
2437MHz	Pass	PK	7.29708G	52.64	74.00	-21.36	3	Horizontal	130	1.43	-
2447MHz	Pass	AV	2.3654G	49.35	54.00	-4.65	3	Vertical	197	1.40	-
2447MHz	Pass	AV	2.433G	87.50	Inf	-Inf	3	Vertical	197	1.40	-
2447MHz	Pass	AV	2.4842G	50.79	54.00	-3.21	3	Vertical	197	1.40	-
2447MHz	Pass	PK	2.3746G	60.56	74.00	-13.44	3	Vertical	197	1.40	-
2447MHz	Pass	PK	2.433G	96.75	Inf	-Inf	3	Vertical	197	1.40	-
2447MHz	Pass	PK	2.4926G	62.11	74.00	-11.89	3	Vertical	197	1.40	-
2447MHz	Pass	AV	2.3882G	49.82	54.00	-4.18	3	Horizontal	136	1.76	-
2447MHz	Pass	AV	2.4318G	94.80	Inf	-Inf	3	Horizontal	136	1.76	-
2447MHz	Pass	AV	2.4835G	53.42	54.00	-0.58	3	Horizontal	136	1.76	-
2447MHz	Pass	PK	2.389G	61.92	74.00	-12.08	3	Horizontal	136	1.76	-
2447MHz	Pass	PK	2.433G	103.95	Inf	-Inf	3	Horizontal	136	1.76	-
2447MHz	Pass	PK	2.4838G	66.90	74.00	-7.10	3	Horizontal	136	1.76	-



RSE TX above 1GHz_Host 2

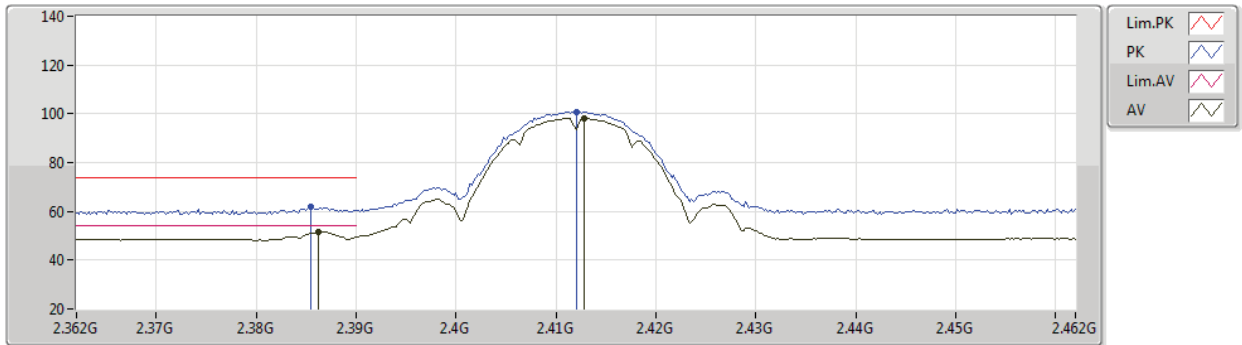
Appendix F.2.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.376G	49.26	54.00	-4.74	3	Vertical	204	1.28	-
2452MHz	Pass	AV	2.4364G	87.37	Inf	-Inf	3	Vertical	204	1.28	-
2452MHz	Pass	AV	2.4872G	51.36	54.00	-2.64	3	Vertical	204	1.28	-
2452MHz	Pass	PK	2.3772G	61.06	74.00	-12.94	3	Vertical	204	1.28	-
2452MHz	Pass	PK	2.4476G	96.18	Inf	-Inf	3	Vertical	204	1.28	-
2452MHz	Pass	PK	2.4856G	63.85	74.00	-10.15	3	Vertical	204	1.28	-
2452MHz	Pass	AV	2.3536G	49.43	54.00	-4.57	3	Horizontal	136	1.83	-
2452MHz	Pass	AV	2.4364G	94.63	Inf	-Inf	3	Horizontal	136	1.83	-
2452MHz	Pass	AV	2.4848G	53.85	54.00	-0.15	3	Horizontal	136	1.83	-
2452MHz	Pass	PK	2.356G	60.76	74.00	-13.24	3	Horizontal	136	1.83	-
2452MHz	Pass	PK	2.448G	103.23	Inf	-Inf	3	Horizontal	136	1.83	-
2452MHz	Pass	PK	2.4868G	68.14	74.00	-5.86	3	Horizontal	136	1.83	-
2452MHz	Pass	AV	4.9076G	35.48	54.00	-18.52	3	Vertical	125	1.20	-
2452MHz	Pass	AV	7.35822G	41.32	54.00	-12.68	3	Vertical	331	1.77	-
2452MHz	Pass	PK	4.9058G	46.80	74.00	-27.20	3	Vertical	125	1.20	-
2452MHz	Pass	PK	7.3668G	53.17	74.00	-20.83	3	Vertical	331	1.77	-
2452MHz	Pass	AV	4.904G	37.18	54.00	-16.82	3	Horizontal	109	1.35	-
2452MHz	Pass	AV	7.35666G	40.96	54.00	-13.04	3	Horizontal	317	1.73	-
2452MHz	Pass	PK	4.91156G	47.46	74.00	-26.54	3	Horizontal	109	1.35	-
2452MHz	Pass	PK	7.3608G	53.09	74.00	-20.91	3	Horizontal	317	1.73	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2412MHz_TX

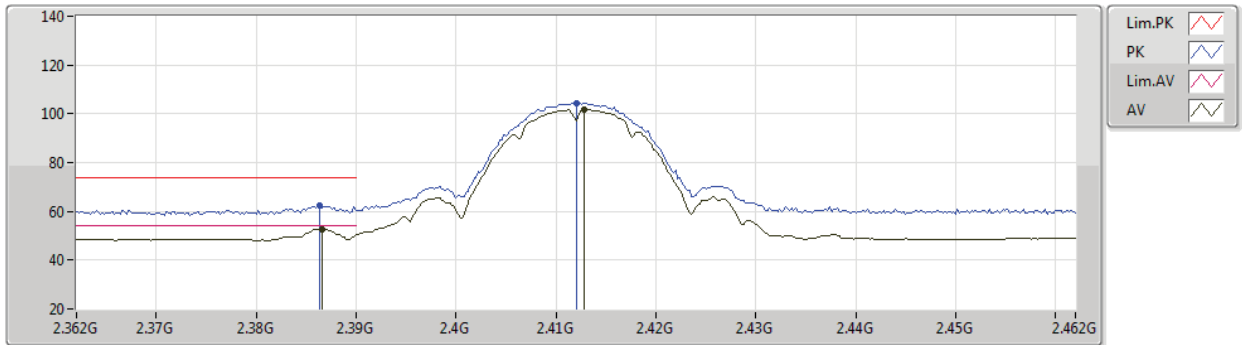


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	51.76	54.00	-2.24	32.91	3	Vertical	232	1.48	-	18.85	27.63	5.28	-
AV	2.4128G	98.09	Inf	-Inf	32.88	3	Vertical	232	1.48	-	65.21	27.57	5.31	-
PK	2.3854G	61.94	74.00	-12.06	32.91	3	Vertical	232	1.48	-	29.03	27.63	5.28	-
PK	2.412G	100.87	Inf	-Inf	32.89	3	Vertical	232	1.48	-	67.98	27.58	5.31	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2412MHz_TX

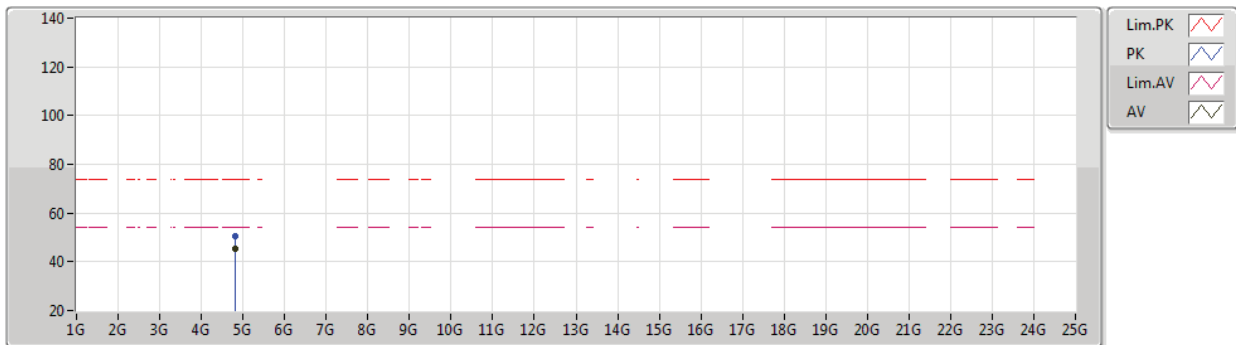


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3866G	52.83	54.00	-1.17	32.91	3	Horizontal	135	1.50	-	19.92	27.63	5.28	-
AV	2.4128G	101.72	Inf	-Inf	32.88	3	Horizontal	135	1.50	-	68.84	27.57	5.31	-
PK	2.3864G	62.34	74.00	-11.66	32.91	3	Horizontal	135	1.50	-	29.43	27.63	5.28	-
PK	2.412G	104.40	Inf	-Inf	32.89	3	Horizontal	135	1.50	-	71.51	27.58	5.31	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2412MHz_TX

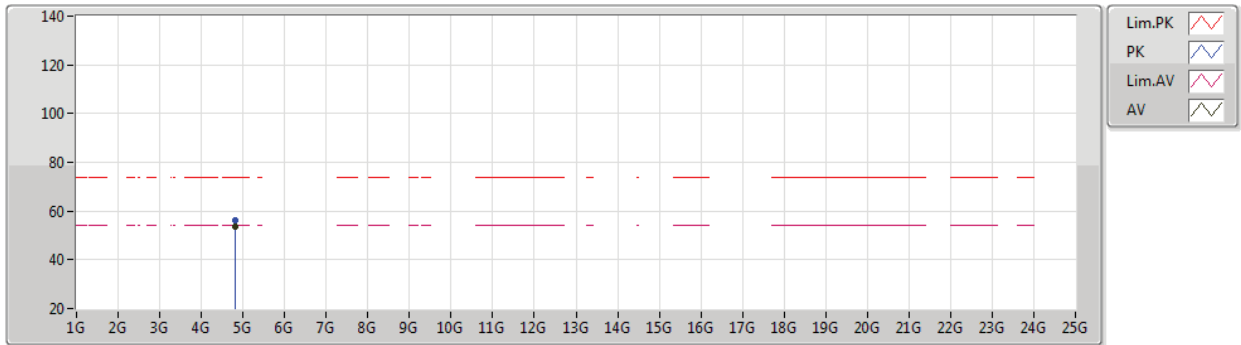


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82395G	45.19	54.00	-8.81	8.81	3	Vertical	185	3.00	-	36.38	31.10	7.11	29.40
PK	4.82405G	50.46	74.00	-23.54	8.81	3	Vertical	185	3.00	-	41.65	31.10	7.11	29.40

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2412MHz_TX

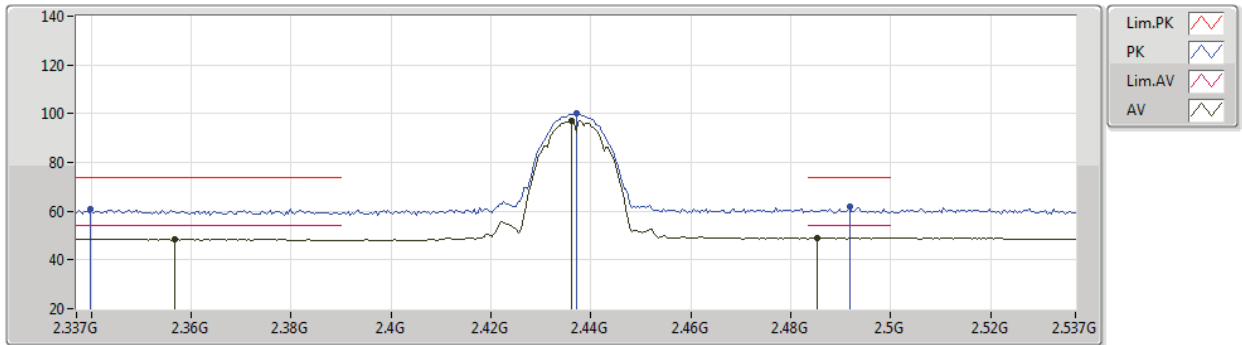


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82398G	53.87	54.00	-0.13	8.81	3	Horizontal	105	1.04	-	45.06	31.10	7.11	29.40
PK	4.82402G	56.45	74.00	-17.55	8.81	3	Horizontal	105	1.04	-	47.64	31.10	7.11	29.40

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2437MHz_TX

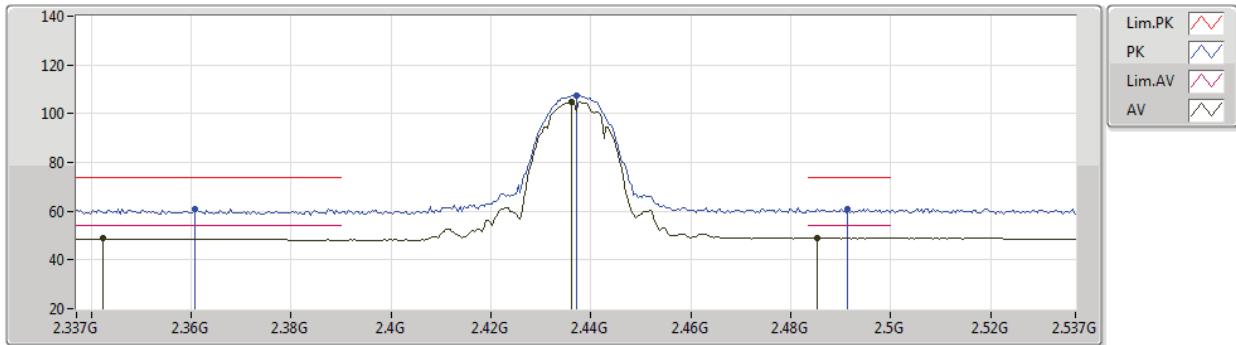


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3566G	48.59	54.00	-5.41	32.92	3	Vertical	234	1.44	-	15.67	27.69	5.23	-
AV	2.4362G	97.11	Inf	-Inf	32.87	3	Vertical	234	1.44	-	64.24	27.53	5.34	-
AV	2.4854G	48.93	54.00	-5.07	32.82	3	Vertical	234	1.44	-	16.11	27.43	5.39	-
PK	2.3398G	61.05	74.00	-12.95	32.95	3	Vertical	234	1.44	-	28.10	27.74	5.21	-
PK	2.437G	99.97	Inf	-Inf	32.87	3	Vertical	234	1.44	-	67.10	27.53	5.34	-
PK	2.4918G	62.02	74.00	-11.98	32.81	3	Vertical	234	1.44	-	29.21	27.42	5.39	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

20/04/2020

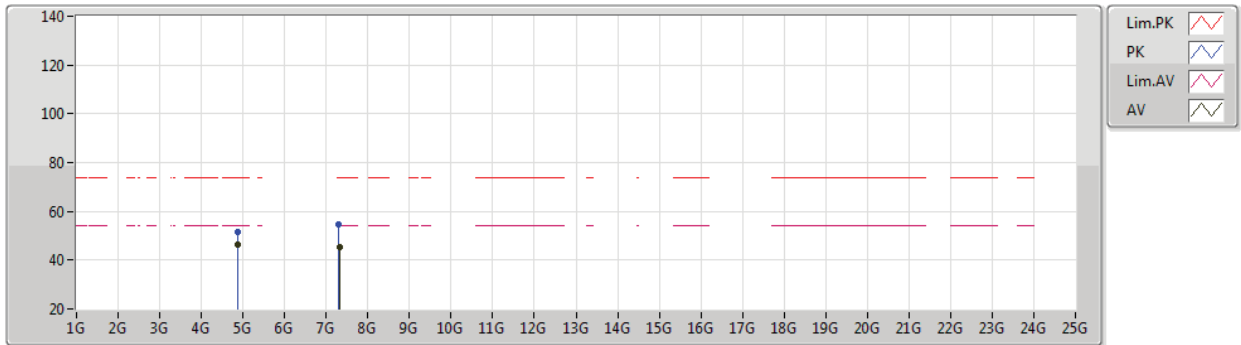


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3422G	48.72	54.00	-5.28	32.94	3	Horizontal	123	1.55	-	15.78	27.73	5.21	-
AV	2.4362G	104.80	Inf	-Inf	32.87	3	Horizontal	123	1.55	-	71.93	27.53	5.34	-
AV	2.4854G	48.93	54.00	-5.07	32.82	3	Horizontal	123	1.55	-	16.11	27.43	5.39	-
PK	2.3606G	60.87	74.00	-13.13	32.92	3	Horizontal	123	1.55	-	27.95	27.68	5.24	-
PK	2.437G	107.62	Inf	-Inf	32.87	3	Horizontal	123	1.55	-	74.75	27.53	5.34	-
PK	2.4914G	61.10	74.00	-12.90	32.81	3	Horizontal	123	1.55	-	28.29	27.42	5.39	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2437MHz_TX

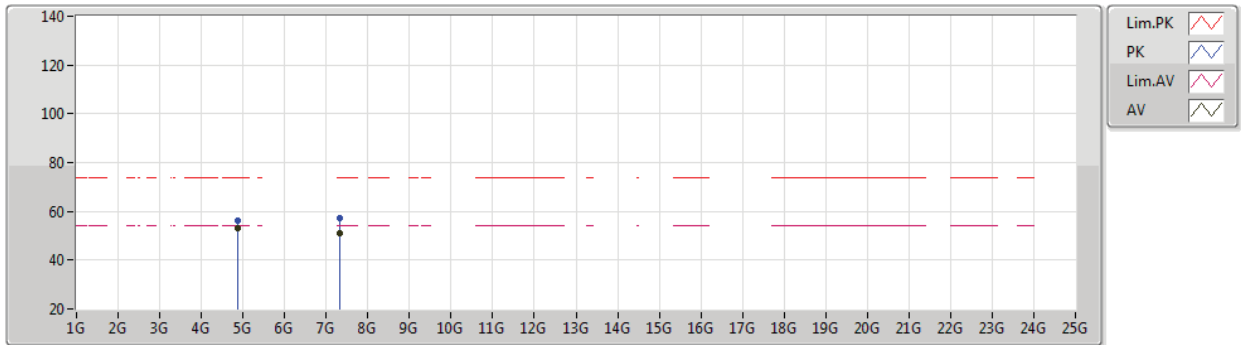


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	46.59	54.00	-7.41	8.86	3	Vertical	125	2.28	-	37.73	31.10	7.14	29.38
AV	7.31178G	45.21	54.00	-8.79	14.26	3	Vertical	111	1.48	-	30.95	36.32	8.30	30.36
PK	4.87395G	51.55	74.00	-22.45	8.86	3	Vertical	125	2.28	-	42.69	31.10	7.14	29.38
PK	7.30896G	54.64	74.00	-19.36	14.26	3	Vertical	111	1.48	-	40.38	36.32	8.30	30.36

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2437MHz_TX

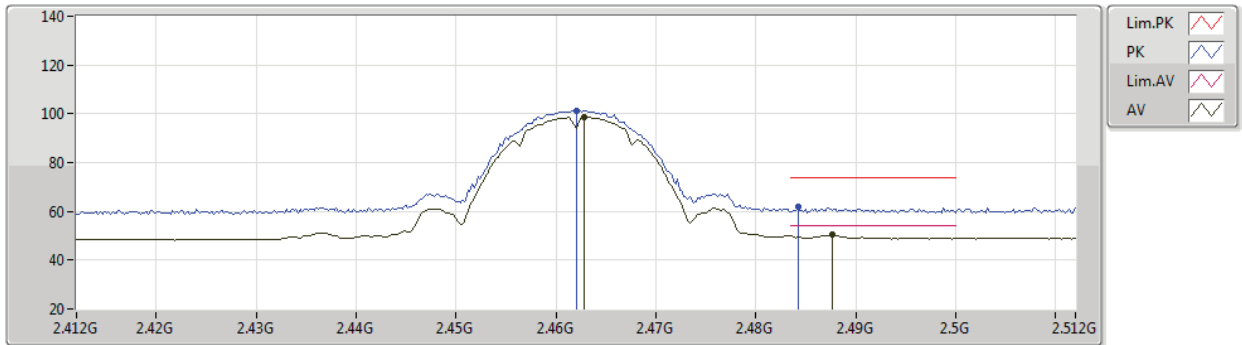


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87398G	53.32	54.00	-0.68	8.86	3	Horizontal	107	1.36	-	44.46	31.10	7.14	29.38
AV	7.31178G	50.87	54.00	-3.13	14.26	3	Horizontal	98	1.24	-	36.61	36.32	8.30	30.36
PK	4.87406G	56.20	74.00	-17.80	8.86	3	Horizontal	107	1.36	-	47.34	31.10	7.14	29.38
PK	7.31022G	57.44	74.00	-16.56	14.26	3	Horizontal	98	1.24	-	43.18	36.32	8.30	30.36

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2462MHz_TX

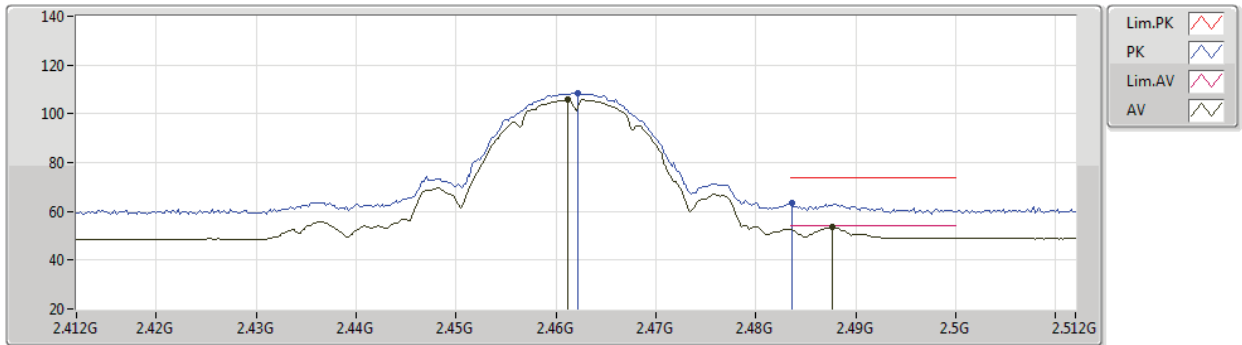


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	24628G	98.70	Inf	-Inf	32.83	3	Vertical	129	2.51	-	65.87	27.47	5.36	-
AV	24876G	50.29	54.00	-3.71	32.81	3	Vertical	129	2.51	-	17.48	27.42	5.39	-
PK	2462G	101.44	Inf	-Inf	32.84	3	Vertical	129	2.51	-	68.60	27.48	5.36	-
PK	24842G	62.08	74.00	-11.92	32.81	3	Vertical	129	2.51	-	29.27	27.43	5.38	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2462MHz_TX

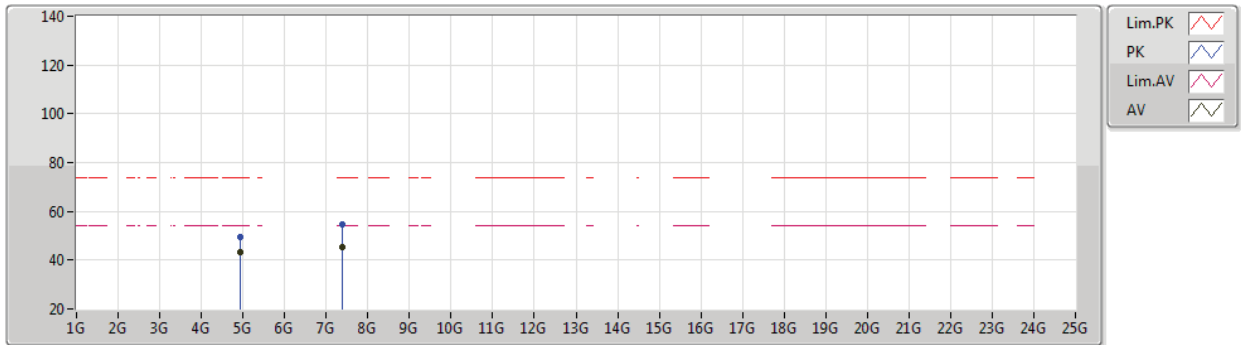


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	24612G	105.71	Inf	-Inf	32.84	3	Horizontal	134	1.43	-	72.87	27.48	5.36	-
AV	24876G	53.60	54.00	-0.40	32.81	3	Horizontal	134	1.43	-	20.79	27.42	5.39	-
PK	24622G	108.54	Inf	-Inf	32.84	3	Horizontal	134	1.43	-	75.70	27.48	5.36	-
PK	24836G	63.62	74.00	-10.38	32.81	3	Horizontal	134	1.43	-	30.81	27.43	5.38	-

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2462MHz_TX

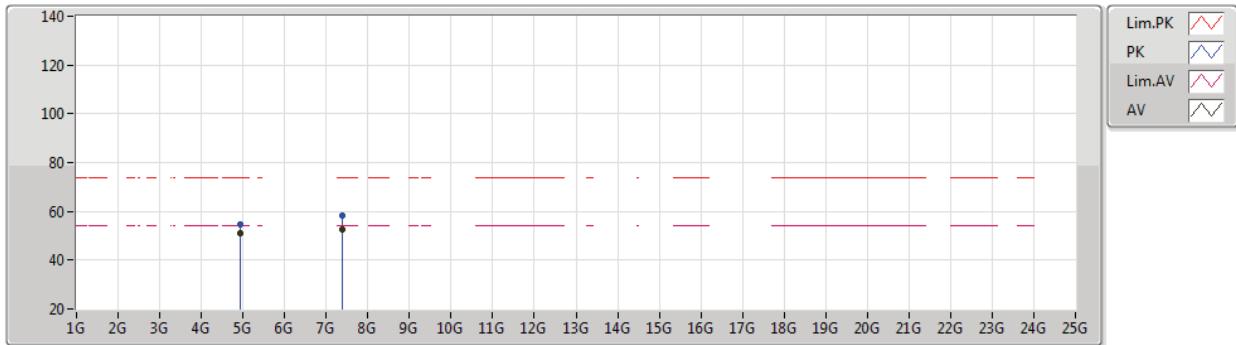


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92397G	43.33	54.00	-10.67	8.96	3	Vertical	175	1.50	-	34.37	31.15	7.16	29.35
AV	7.38702G	45.36	54.00	-8.64	13.98	3	Vertical	166	1.50	-	31.38	36.10	8.30	30.42
PK	4.92389G	49.72	74.00	-24.28	8.95	3	Vertical	175	1.50	-	40.77	31.15	7.16	29.36
PK	7.38546G	54.62	74.00	-19.38	14.00	3	Vertical	166	1.50	-	40.62	36.12	8.30	30.42

802.11b_Nss1,(1Mbps)_2TX

20/04/2020

2462MHz_TX

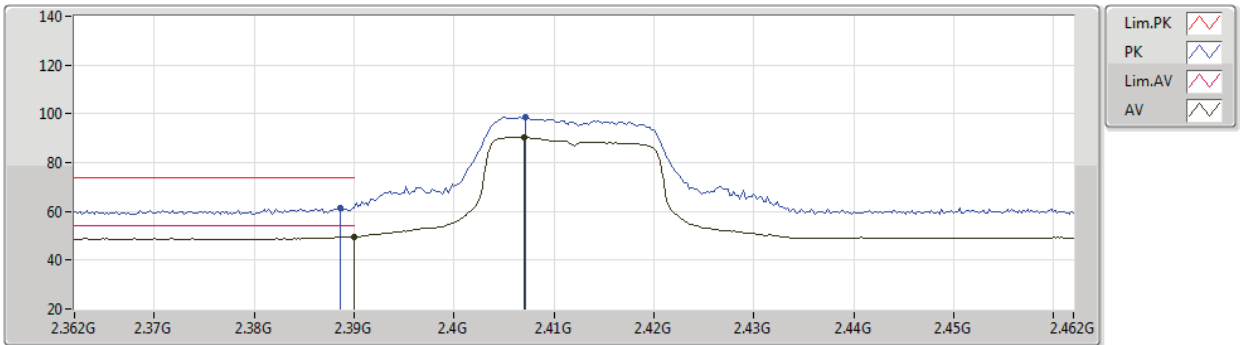


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	50.95	54.00	-3.05	8.96	3	Horizontal	109	1.36	-	41.99	31.15	7.16	29.35
AV	7.38528G	52.47	54.00	-1.53	14.00	3	Horizontal	101	1.42	-	38.47	36.12	8.30	30.42
PK	4.92395G	54.44	74.00	-19.56	8.96	3	Horizontal	109	1.36	-	45.48	31.15	7.16	29.35
PK	7.38684G	58.48	74.00	-15.52	13.99	3	Horizontal	101	1.42	-	44.49	36.11	8.30	30.42

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2412MHz_TX

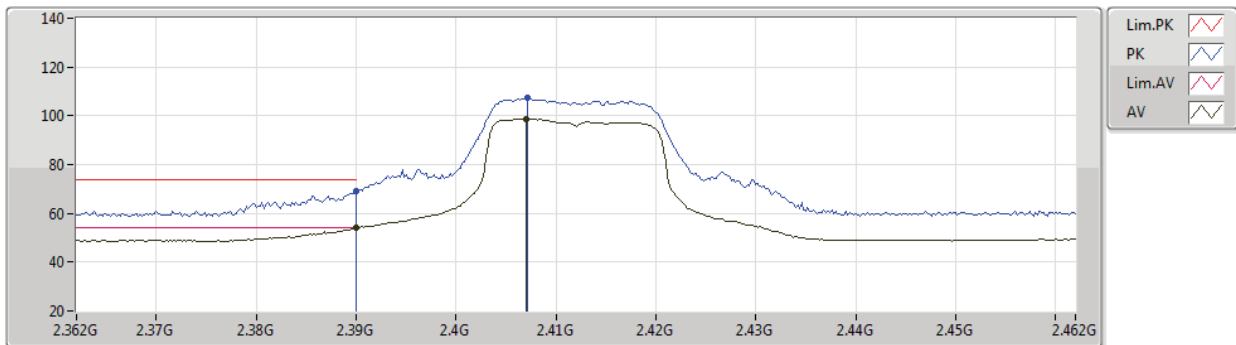


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.74	54.00	-4.26	32.91	3	Vertical	233	1.35	-	16.83	27.62	5.29	-
AV	2.407G	90.28	Inf	-Inf	32.90	3	Vertical	233	1.35	-	57.38	27.59	5.31	-
PK	2.3886G	61.42	74.00	-12.58	32.90	3	Vertical	233	1.35	-	28.52	27.62	5.28	-
PK	2.4072G	98.81	Inf	-Inf	32.90	3	Vertical	233	1.35	-	65.91	27.59	5.31	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2412MHz_TX

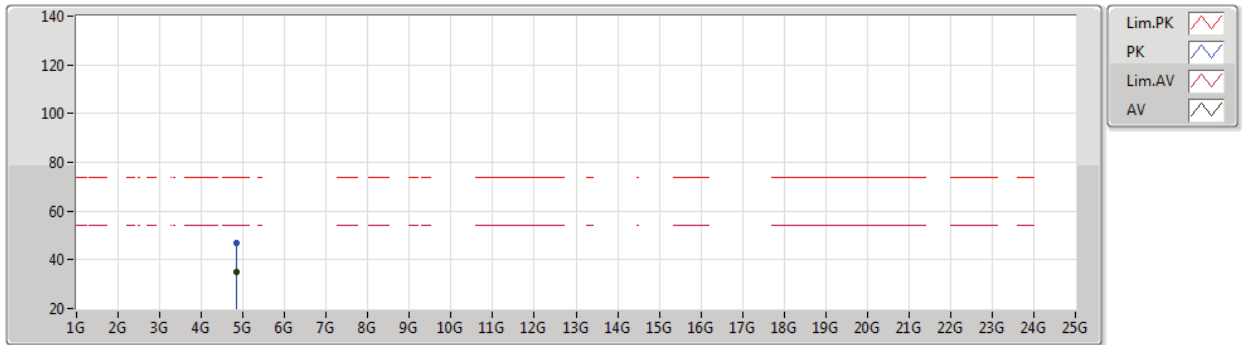


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.93	54.00	-0.07	32.91	3	Horizontal	119	1.53	-	21.02	27.62	5.29	-
AV	2.407G	98.80	Inf	-Inf	32.90	3	Horizontal	119	1.53	-	65.90	27.59	5.31	-
PK	2.39G	69.04	74.00	-4.96	32.91	3	Horizontal	119	1.53	-	36.13	27.62	5.29	-
PK	2.4072G	107.29	Inf	-Inf	32.90	3	Horizontal	119	1.53	-	74.39	27.59	5.31	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2412MHz_TX

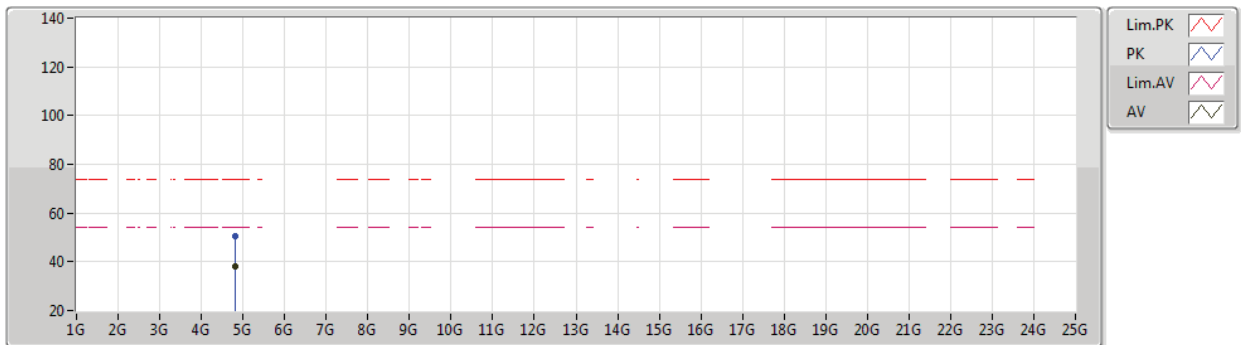


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8294G	34.79	54.00	-19.21	8.81	3	Vertical	165	1.49	-	25.98	31.10	7.11	29.40
PK	4.8318G	46.87	74.00	-27.13	8.82	3	Vertical	165	1.49	-	38.05	31.10	7.12	29.40

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2412MHz_TX

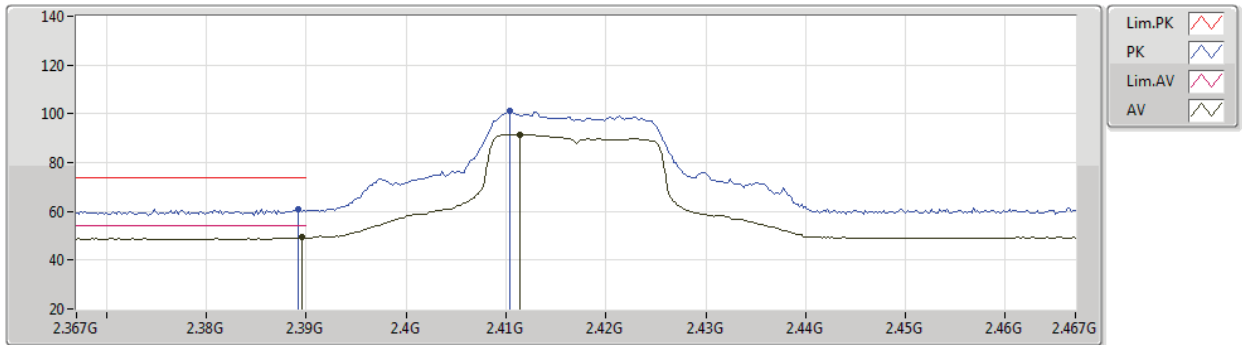


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82406G	38.07	54.00	-15.93	8.81	3	Horizontal	103	1.24	-	29.26	31.10	7.11	29.40
PK	4.82424G	50.52	74.00	-23.48	8.81	3	Horizontal	103	1.24	-	41.71	31.10	7.11	29.40

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2417MHz_TX

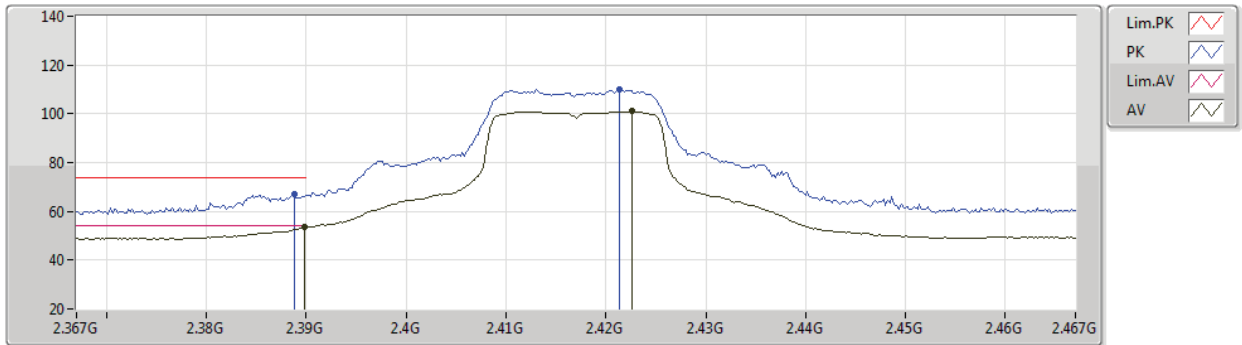


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	49.31	54.00	-4.69	32.90	3	Vertical	235	1.48	-	16.41	27.62	5.28	-
AV	2.4114G	91.61	Inf	-Inf	32.89	3	Vertical	235	1.48	-	58.72	27.58	5.31	-
PK	2.3892G	61.09	74.00	-12.91	32.90	3	Vertical	235	1.48	-	28.19	27.62	5.28	-
PK	2.4104G	100.95	Inf	-Inf	32.89	3	Vertical	235	1.48	-	68.06	27.58	5.31	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2417MHz_TX

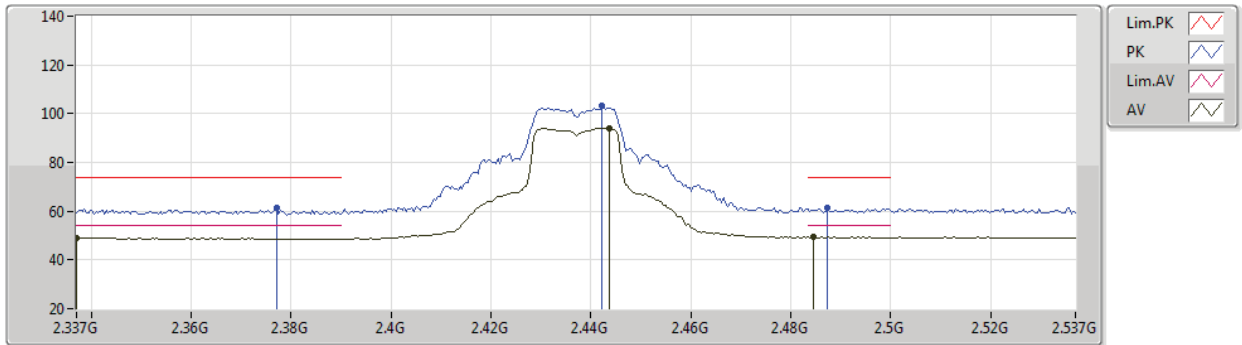


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.39	54.00	-0.61	32.90	3	Horizontal	136	1.54	-	20.49	27.62	5.28	-
AV	2.4226G	100.99	Inf	-Inf	32.87	3	Horizontal	136	1.54	-	68.12	27.55	5.32	-
PK	2.3888G	67.25	74.00	-6.75	32.90	3	Horizontal	136	1.54	-	34.35	27.62	5.28	-
PK	2.4214G	110.17	Inf	-Inf	32.88	3	Horizontal	136	1.54	-	77.29	27.56	5.32	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2437MHz_TX

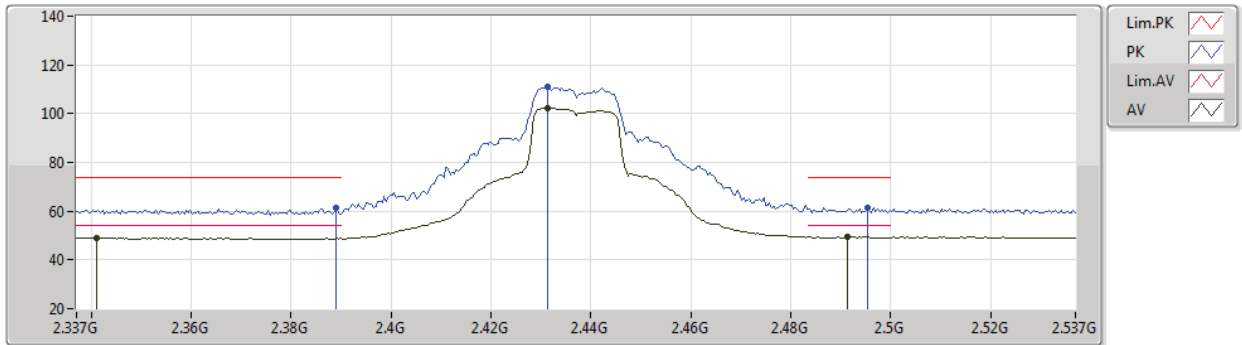


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.337G	49.02	54.00	-4.98	32.96	3	Vertical	204	1.24	-	16.06	27.75	5.21	-
AV	2.4438G	94.07	Inf	-Inf	32.85	3	Vertical	204	1.24	-	61.22	27.51	5.34	-
AV	2.4846G	49.41	54.00	-4.59	32.81	3	Vertical	204	1.24	-	16.60	27.43	5.38	-
PK	2.377G	61.21	74.00	-12.79	32.92	3	Vertical	204	1.24	-	28.29	27.65	5.27	-
PK	2.4422G	103.27	Inf	-Inf	32.86	3	Vertical	204	1.24	-	70.41	27.52	5.34	-
PK	2.4874G	61.53	74.00	-12.47	32.82	3	Vertical	204	1.24	-	28.71	27.43	5.39	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

21/04/2020

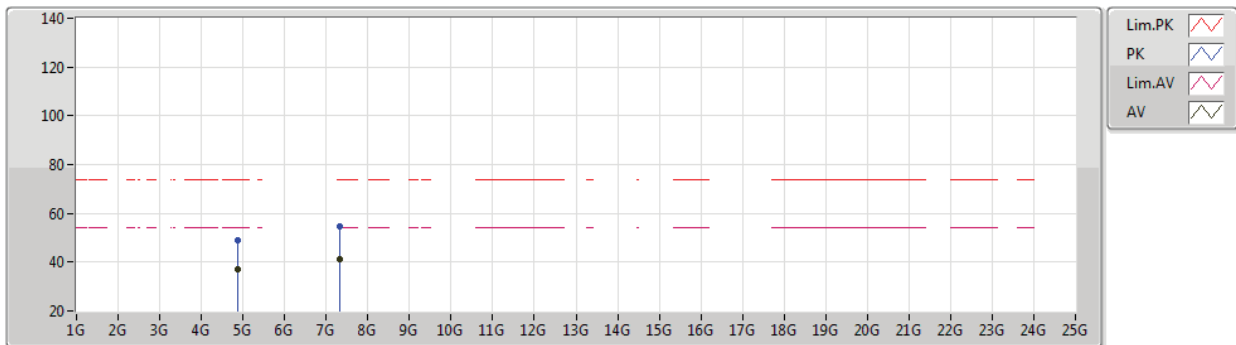


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.341G	49.21	54.00	-4.79	32.95	3	Horizontal	136	1.77	-	16.26	27.74	5.21	-
AV	2.4314G	110.86	Inf	-Inf	32.87	3	Horizontal	136	1.77	-	69.50	27.54	5.33	-
AV	2.4914G	49.62	54.00	-4.38	32.81	3	Horizontal	136	1.77	-	16.81	27.42	5.39	-
PK	2.389G	61.31	74.00	-12.69	32.90	3	Horizontal	136	1.77	-	28.41	27.62	5.28	-
PK	2.4314G	110.86	Inf	-Inf	32.87	3	Horizontal	136	1.77	-	77.99	27.54	5.33	-
PK	2.4954G	61.56	74.00	-12.44	32.81	3	Horizontal	136	1.77	-	28.75	27.41	5.40	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2437MHz_TX

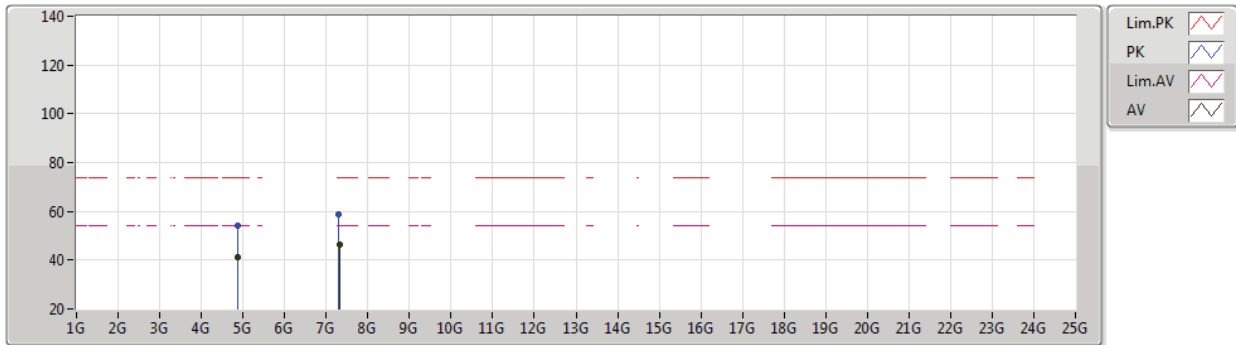


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87404G	37.05	54.00	-16.95	8.86	3	Vertical	124	2.28	-	28.19	31.10	7.14	29.38
AV	7.31238G	41.13	54.00	-12.87	14.26	3	Vertical	111	1.50	-	26.87	36.32	8.30	30.36
PK	4.86816G	48.98	74.00	-25.02	8.85	3	Vertical	124	2.28	-	40.13	31.10	7.13	29.38
PK	7.31616G	54.60	74.00	-19.40	14.27	3	Vertical	111	1.50	-	40.33	36.33	8.30	30.36

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2437MHz_TX

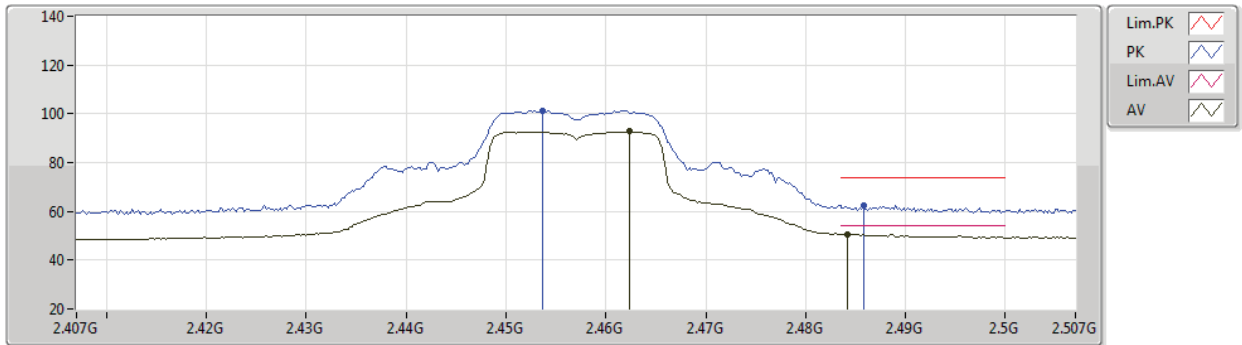


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87544G	41.03	54.00	-12.97	8.86	3	Horizontal	108	1.41	-	32.17	31.10	7.14	29.38
AV	7.3104G	46.24	54.00	-7.76	14.26	3	Horizontal	100	1.52	-	31.98	36.32	8.30	30.36
PK	4.8764G	53.96	74.00	-20.04	8.86	3	Horizontal	108	1.41	-	45.10	31.10	7.14	29.38
PK	7.30884G	58.79	74.00	-15.21	14.26	3	Horizontal	100	1.52	-	44.53	36.32	8.30	30.36

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2457MHz_TX

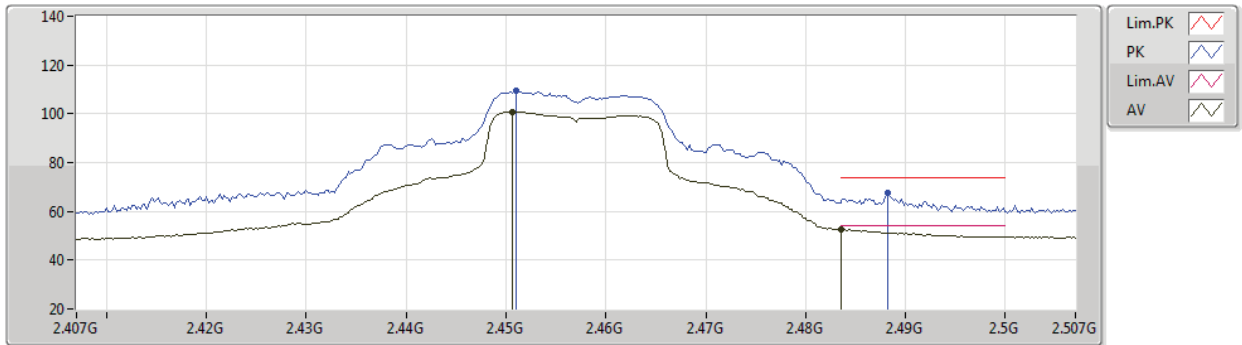


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4624G	92.70	Inf	-Inf	32.84	3	Vertical	234	1.40	-	59.86	27.48	5.36	-
AV	2.4842G	50.71	54.00	-3.29	32.81	3	Vertical	234	1.40	-	17.90	27.43	5.38	-
PK	2.4536G	101.31	Inf	-Inf	32.84	3	Vertical	234	1.40	-	68.47	27.49	5.35	-
PK	2.4858G	62.67	74.00	-11.33	32.82	3	Vertical	234	1.40	-	29.85	27.43	5.39	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

21/04/2020

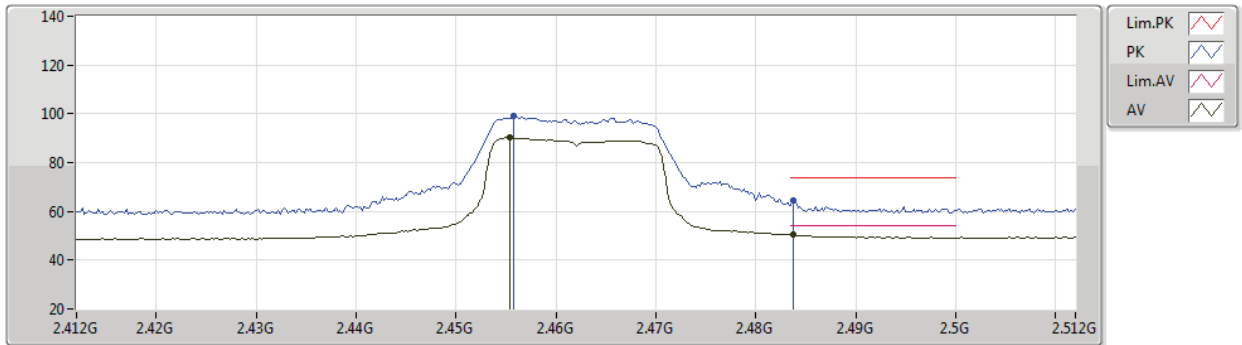


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4506G	100.72	Inf	-Inf	32.85	3	Horizontal	137	1.50	-	67.87	27.50	5.35	-
AV	2.4835G	52.52	54.00	-1.48	32.81	3	Horizontal	137	1.50	-	19.71	27.43	5.38	-
PK	2.451G	109.26	Inf	-Inf	32.85	3	Horizontal	137	1.50	-	76.41	27.50	5.35	-
PK	2.4882G	67.45	74.00	-6.55	32.81	3	Horizontal	137	1.50	-	34.64	27.42	5.39	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2462MHz_TX

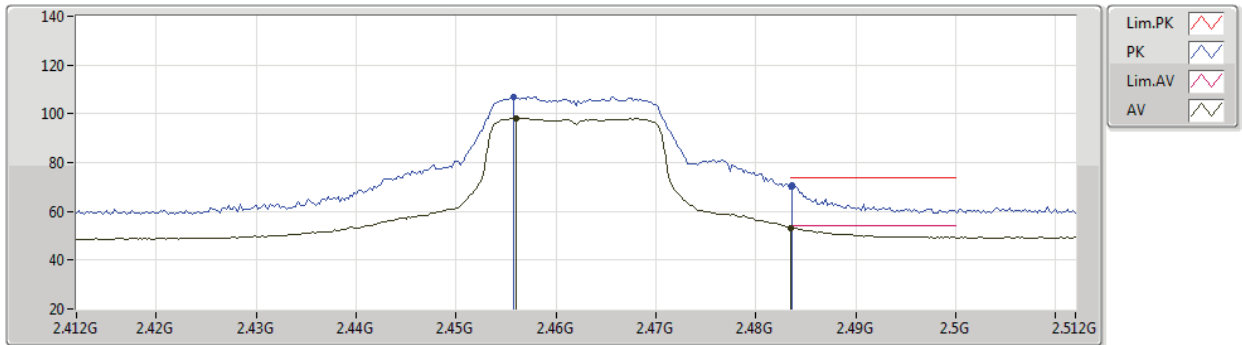


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4554G	90.18	Inf	-Inf	32.85	3	Vertical	234	1.48	-	57.33	27.49	5.36	-
AV	2.4838G	50.50	54.00	-3.50	32.81	3	Vertical	234	1.48	-	17.69	27.43	5.38	-
PK	2.4558G	99.20	Inf	-Inf	32.85	3	Vertical	234	1.48	-	66.35	27.49	5.36	-
PK	2.4838G	64.73	74.00	-9.27	32.81	3	Vertical	234	1.48	-	31.92	27.43	5.38	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2462MHz_TX

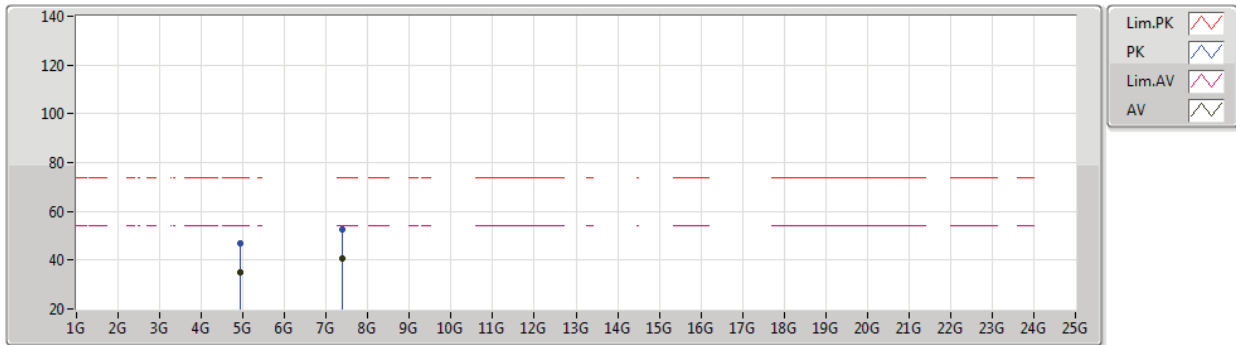


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.456G	98.14	Inf	-Inf	32.85	3	Horizontal	138	1.73	-	65.29	27.49	5.36	-
AV	2.4835G	53.30	54.00	-0.70	32.81	3	Horizontal	138	1.73	-	20.49	27.43	5.38	-
PK	2.4558G	107.12	Inf	-Inf	32.85	3	Horizontal	138	1.73	-	74.27	27.49	5.36	-
PK	2.4836G	70.48	74.00	-3.52	32.81	3	Horizontal	138	1.73	-	37.67	27.43	5.38	-

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2462MHz_TX

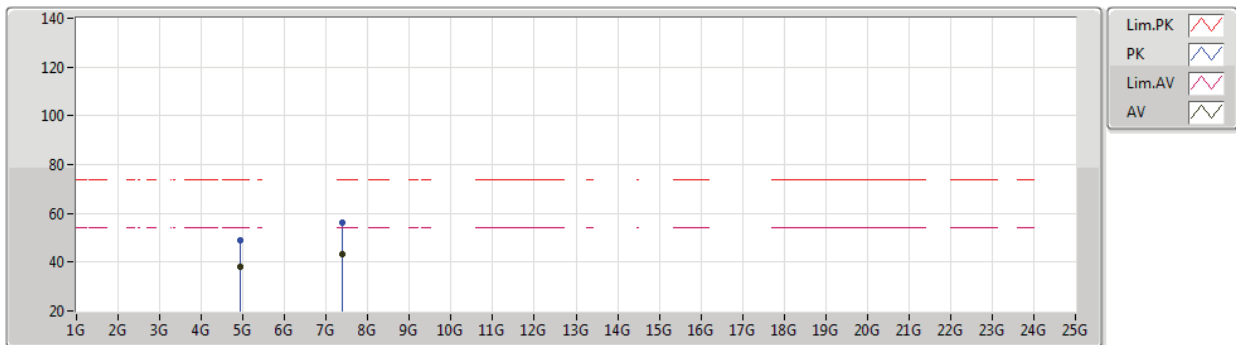


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	35.17	54.00	-18.83	8.96	3	Vertical	154	1.90	-	26.21	31.15	7.16	29.35
AV	7.3833G	40.75	54.00	-13.25	14.01	3	Vertical	184	1.01	-	26.74	36.13	8.30	30.42
PK	4.93606G	46.97	74.00	-27.03	8.99	3	Vertical	154	1.90	-	37.98	31.17	7.17	29.35
PK	7.37856G	52.84	74.00	-21.16	14.05	3	Vertical	184	1.01	-	38.79	36.17	8.30	30.42

802.11g_Nss1,(6Mbps)_2TX

21/04/2020

2462MHz_TX

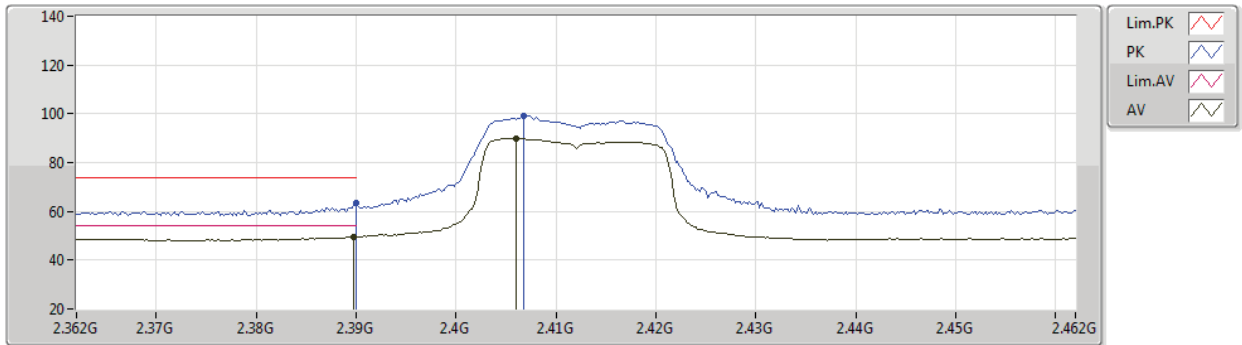


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92412G	37.97	54.00	-16.03	8.96	3	Horizontal	110	1.40	-	29.01	31.15	7.16	29.35
AV	7.3887G	43.18	54.00	-10.82	13.97	3	Horizontal	102	1.44	-	29.21	36.09	8.30	30.42
PK	4.9222G	48.88	74.00	-25.12	8.94	3	Horizontal	110	1.40	-	39.94	31.14	7.16	29.36
PK	7.37832G	56.10	74.00	-17.90	14.05	3	Horizontal	102	1.44	-	42.05	36.17	8.30	30.42

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2412MHz_TX

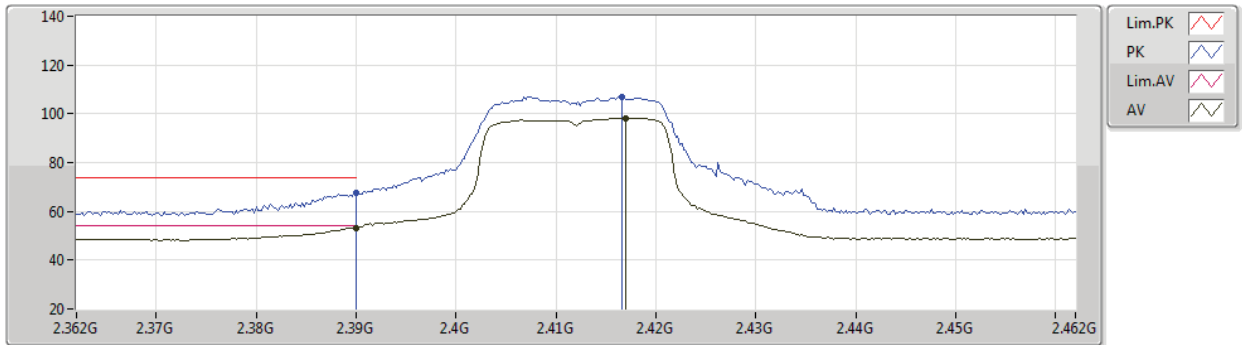


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.62	54.00	-4.38	32.90	3	Vertical	196	1.52	-	16.72	27.62	5.28	-
AV	2.406G	90.06	Inf	-Inf	32.90	3	Vertical	196	1.52	-	57.16	27.59	5.31	-
PK	2.39G	63.29	74.00	-10.71	32.91	3	Vertical	196	1.52	-	30.38	27.62	5.29	-
PK	2.4068G	99.17	Inf	-Inf	32.90	3	Vertical	196	1.52	-	66.27	27.59	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2412MHz_TX

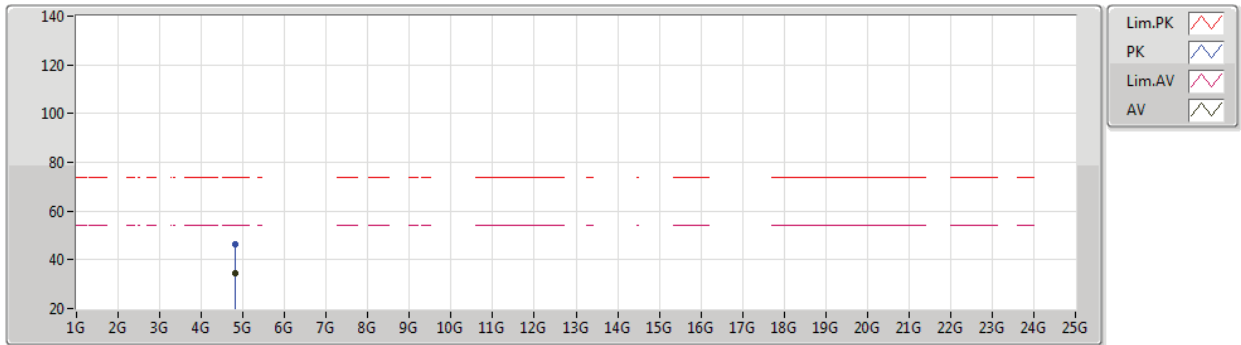


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.35	54.00	-0.65	32.91	3	Horizontal	135	1.54	-	20.44	27.62	5.29	-
AV	2.417G	98.36	Inf	-Inf	32.89	3	Horizontal	135	1.54	-	65.47	27.57	5.32	-
PK	2.39G	67.60	74.00	-6.40	32.91	3	Horizontal	135	1.54	-	34.69	27.62	5.29	-
PK	2.4166G	107.03	Inf	-Inf	32.89	3	Horizontal	135	1.54	-	74.14	27.57	5.32	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2412MHz_TX

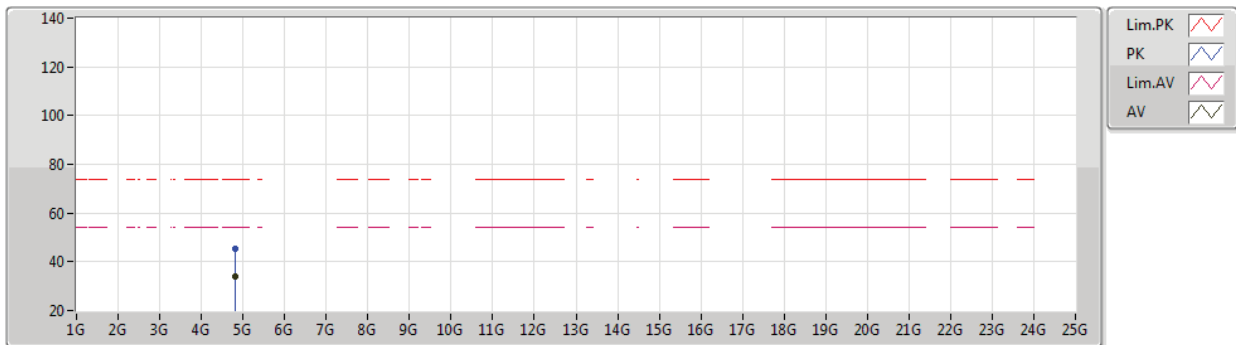


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82388G	34.55	54.00	-19.45	8.81	3	Vertical	145	1.49	-	25.74	31.10	7.11	29.40
PK	4.82394G	46.34	74.00	-27.66	8.81	3	Vertical	145	1.49	-	37.53	31.10	7.11	29.40

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2412MHz_TX

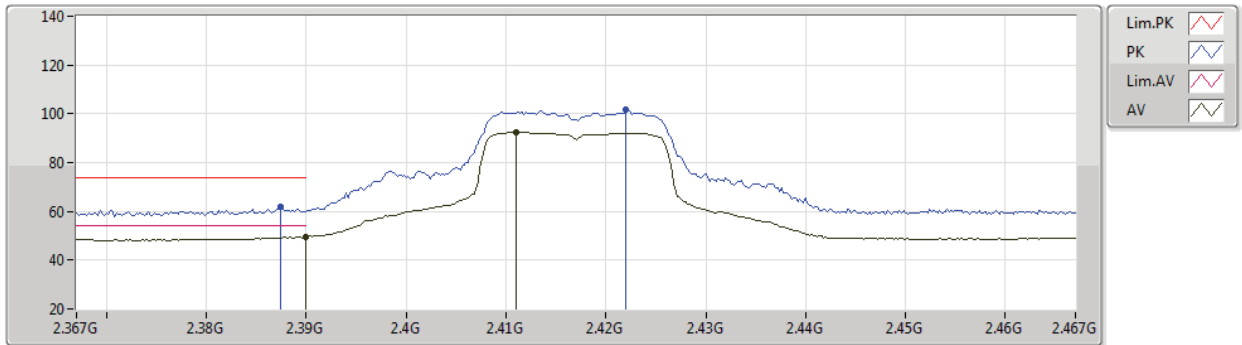


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.81062G	33.86	54.00	-20.14	8.80	3	Horizontal	196	1.32	-	25.06	31.10	7.11	29.41
PK	4.81302G	45.60	74.00	-28.40	8.80	3	Horizontal	196	1.32	-	36.80	31.10	7.11	29.41

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2417MHz_TX

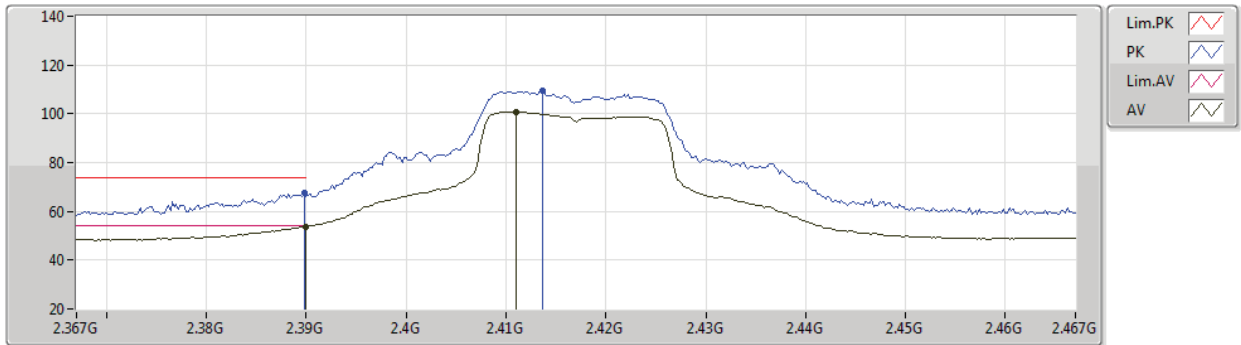


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.63	54.00	-4.37	32.91	3	Vertical	232	1.48	-	16.72	27.62	5.29	-
AV	2.411G	92.43	Inf	-Inf	32.89	3	Vertical	232	1.48	-	59.54	27.58	5.31	-
PK	2.3874G	61.68	74.00	-12.32	32.91	3	Vertical	232	1.48	-	28.77	27.63	5.28	-
PK	2.422G	101.51	Inf	-Inf	32.88	3	Vertical	232	1.48	-	68.63	27.56	5.32	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2417MHz_TX

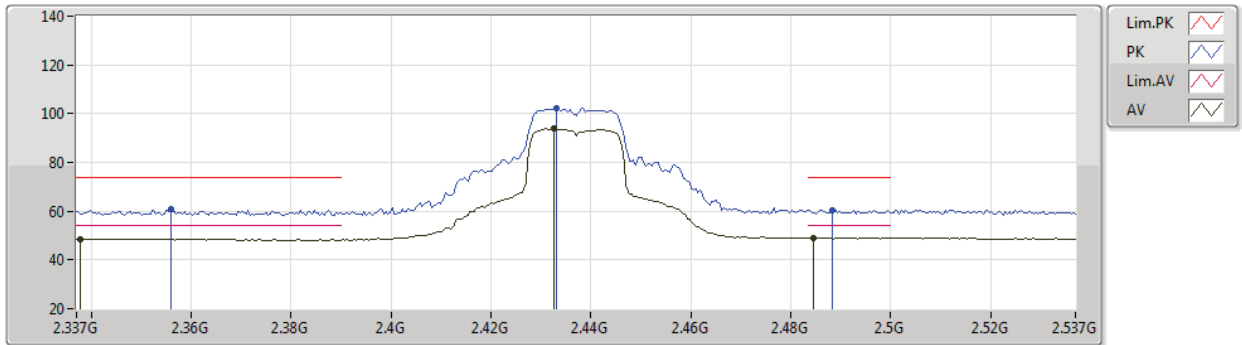


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.61	54.00	-0.39	32.91	3	Horizontal	134	1.84	-	20.70	27.62	5.29	-
AV	2.411G	100.75	Inf	-Inf	32.89	3	Horizontal	134	1.84	-	67.86	27.58	5.31	-
PK	2.3898G	67.34	74.00	-6.66	32.90	3	Horizontal	134	1.84	-	34.44	27.62	5.28	-
PK	2.4136G	109.35	Inf	-Inf	32.88	3	Horizontal	134	1.84	-	76.47	27.57	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

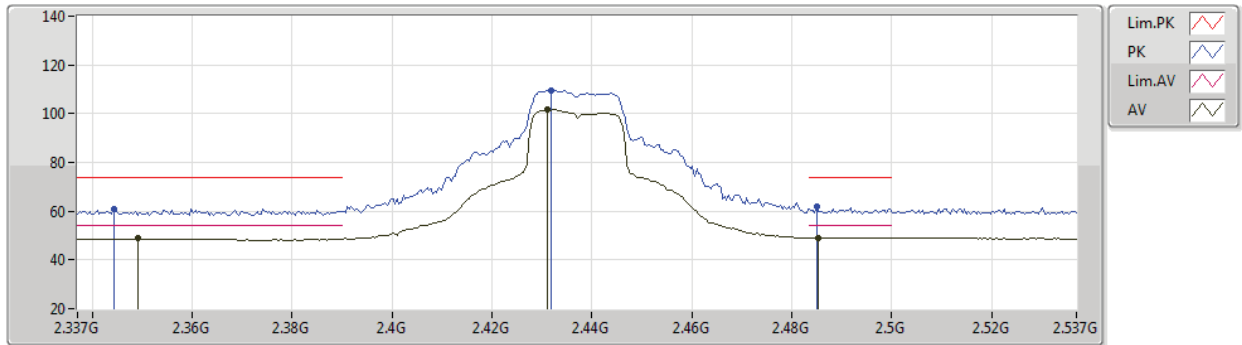


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3378G	48.69	54.00	-5.31	32.96	3	Vertical	197	1.39	-	15.73	27.75	5.21	-
AV	2.4326G	93.87	Inf	-Inf	32.86	3	Vertical	197	1.39	-	61.01	27.53	5.33	-
AV	2.4846G	49.09	54.00	-4.91	32.81	3	Vertical	197	1.39	-	16.28	27.43	5.38	-
PK	2.3558G	60.64	74.00	-13.36	32.92	3	Vertical	197	1.39	-	27.72	27.69	5.23	-
PK	2.433G	102.08	Inf	-Inf	32.86	3	Vertical	197	1.39	-	69.22	27.53	5.33	-
PK	2.4882G	60.42	74.00	-13.58	32.81	3	Vertical	197	1.39	-	27.61	27.42	5.39	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

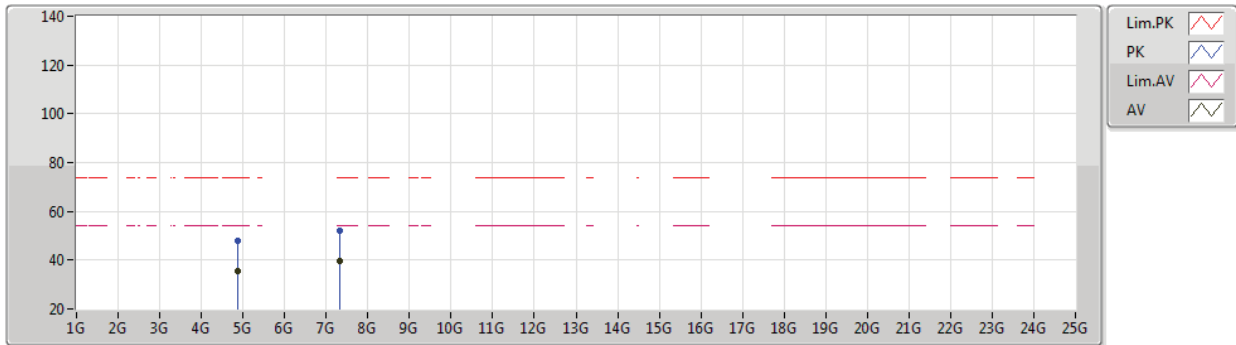
2437MHz_TX



802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

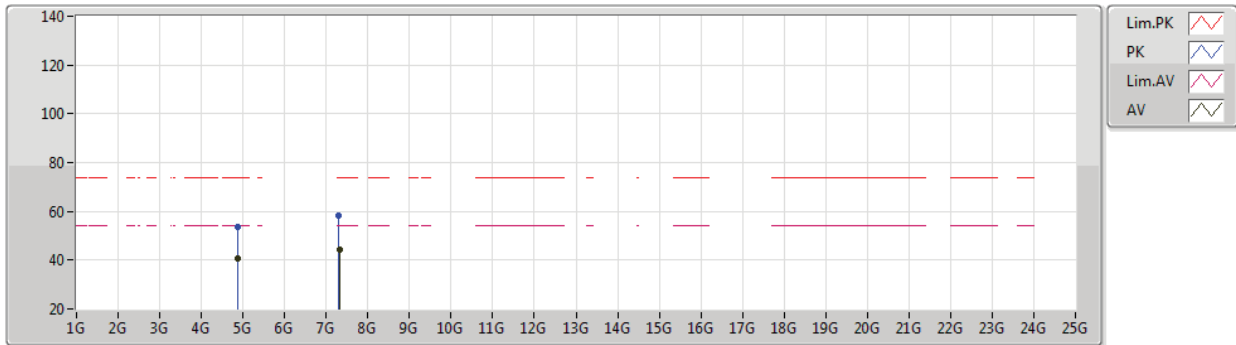


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87262G	35.52	54.00	-18.48	8.86	3	Vertical	146	2.49	-	26.66	31.10	7.14	29.38
AV	7.3173G	39.83	54.00	-14.17	14.27	3	Vertical	336	2.17	-	25.56	36.33	8.30	30.36
PK	4.87004G	47.97	74.00	-26.03	8.86	3	Vertical	146	2.49	-	39.11	31.10	7.14	29.38
PK	7.31244G	52.31	74.00	-21.69	14.26	3	Vertical	336	2.17	-	38.05	36.32	8.30	30.36

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

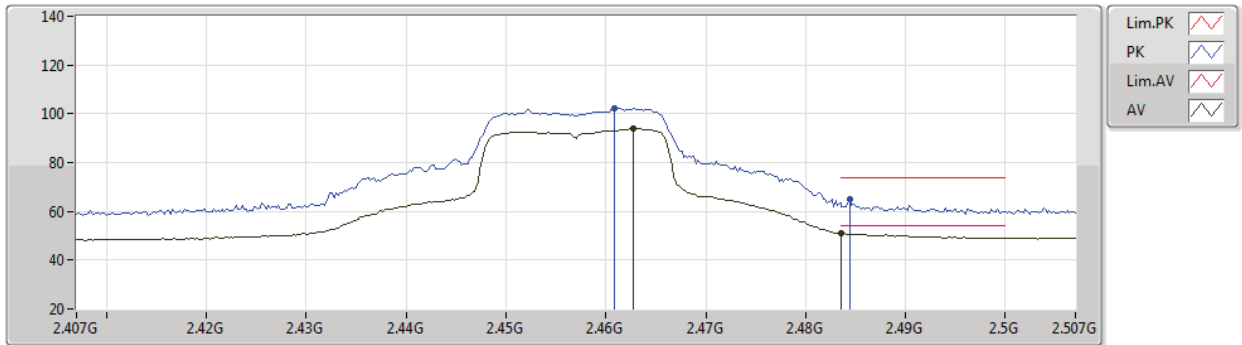


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8728G	40.73	54.00	-13.27	8.86	3	Horizontal	106	1.42	-	31.87	31.10	7.14	29.38
AV	7.31502G	44.37	54.00	-9.63	14.27	3	Horizontal	100	1.50	-	30.10	36.33	8.30	30.36
PK	4.87316G	53.51	74.00	-20.49	8.86	3	Horizontal	106	1.42	-	44.65	31.10	7.14	29.38
PK	7.3071G	58.18	74.00	-15.82	14.26	3	Horizontal	100	1.50	-	43.92	36.31	8.30	30.35

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2457MHz_TX

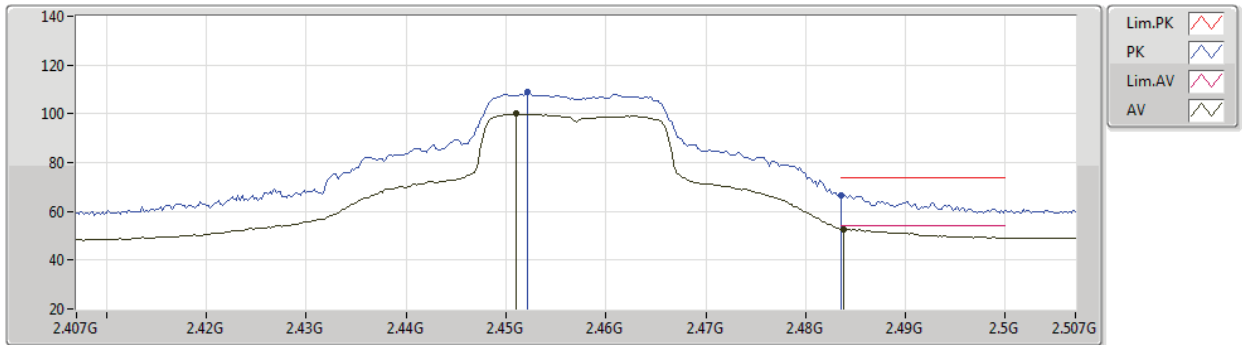


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4628G	93.96	Inf	-Inf	32.83	3	Vertical	207	1.27	-	61.13	27.47	5.36	-
AV	2.4835G	50.97	54.00	-3.03	32.81	3	Vertical	207	1.27	-	18.16	27.43	5.38	-
PK	2.4608G	102.48	Inf	-Inf	32.84	3	Vertical	207	1.27	-	69.64	27.48	5.36	-
PK	2.4844G	64.84	74.00	-9.16	32.81	3	Vertical	207	1.27	-	32.03	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2457MHz_TX

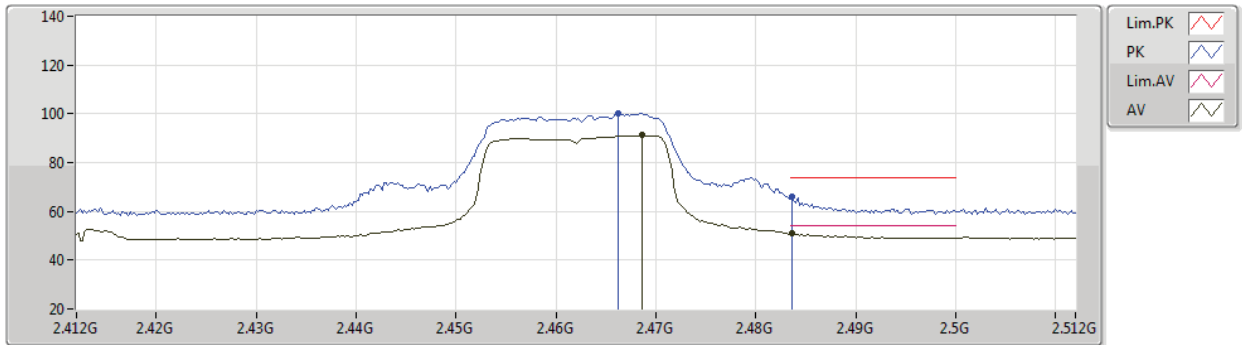


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.451G	99.97	Inf	-Inf	32.85	3	Horizontal	137	1.87	-	67.12	27.50	5.35	-
AV	2.4838G	52.84	54.00	-1.16	32.81	3	Horizontal	137	1.87	-	20.03	27.43	5.38	-
PK	2.4522G	108.89	Inf	-Inf	32.85	3	Horizontal	137	1.87	-	76.04	27.50	5.35	-
PK	2.4835G	66.53	74.00	-7.47	32.81	3	Horizontal	137	1.87	-	33.72	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2462MHz_TX

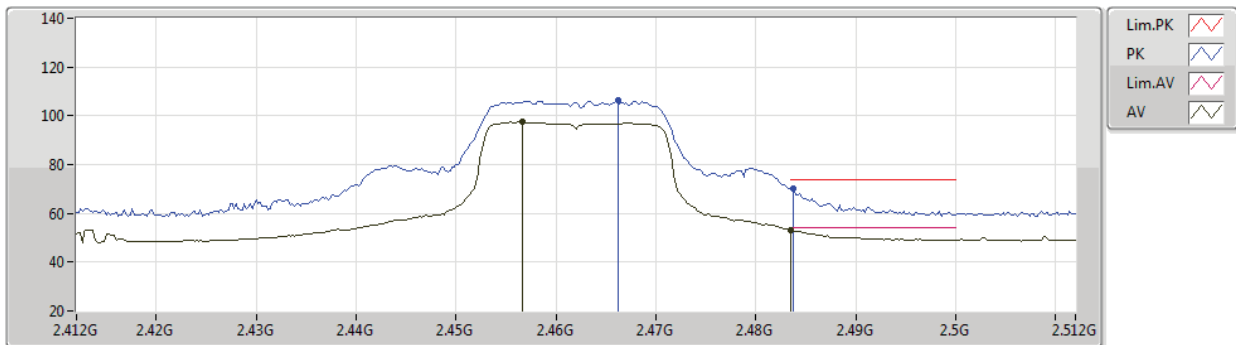


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4686G	91.14	Inf	-Inf	32.83	3	Vertical	206	1.20	-	58.31	27.46	5.37	-
AV	2.4836G	50.78	54.00	-3.22	32.81	3	Vertical	206	1.20	-	17.97	27.43	5.38	-
PK	2.4662G	100.28	Inf	-Inf	32.84	3	Vertical	206	1.20	-	67.44	27.47	5.37	-
PK	2.4836G	66.05	74.00	-7.95	32.81	3	Vertical	206	1.20	-	33.24	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2462MHz_TX

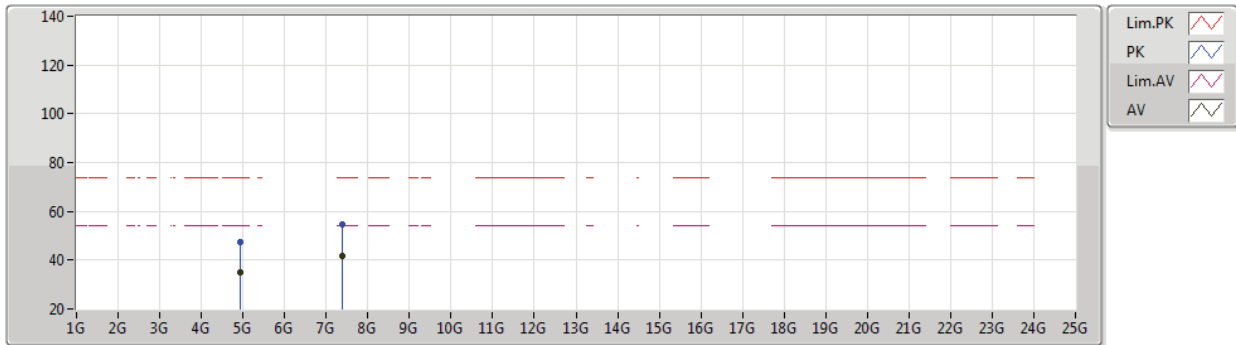


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4566G	97.41	Inf	-Inf	32.85	3	Horizontal	137	1.71	-	64.56	27.49	5.36	-
AV	2.4835G	52.98	54.00	-1.02	32.81	3	Horizontal	137	1.71	-	20.17	27.43	5.38	-
PK	2.4662G	106.32	Inf	-Inf	32.84	3	Horizontal	137	1.71	-	73.48	27.47	5.37	-
PK	2.4838G	70.19	74.00	-3.81	32.81	3	Horizontal	137	1.71	-	37.38	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2462MHz_TX

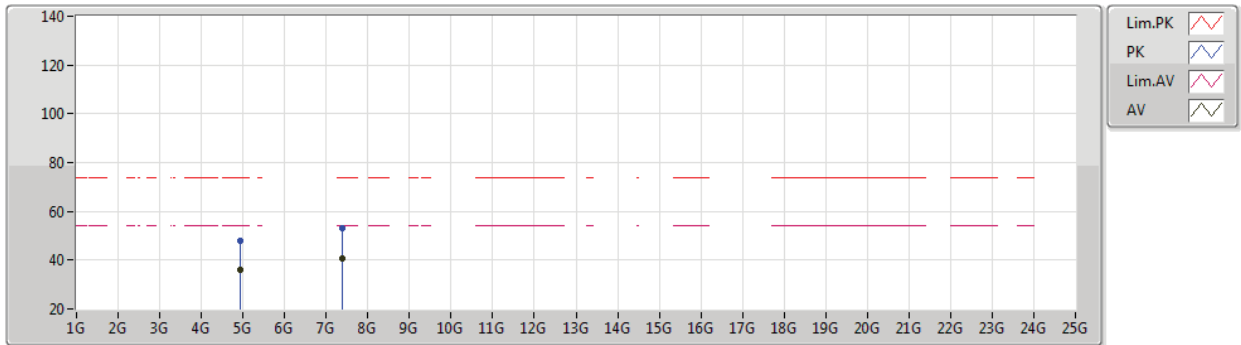


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.93348G	34.90	54.00	-19.10	8.99	3	Vertical	65	2.43	-	25.91	31.17	7.17	29.35
AV	7.37976G	41.60	54.00	-12.40	14.04	3	Vertical	301	1.82	-	27.56	36.16	8.30	30.42
PK	4.939G	47.66	74.00	-26.34	9.00	3	Vertical	65	2.43	-	38.66	31.18	7.17	29.35
PK	7.39464G	54.90	74.00	-19.10	13.91	3	Vertical	301	1.82	-	40.99	36.04	8.30	30.43

802.11n HT20_Nss1,(MCS0)_2TX

21/04/2020

2462MHz_TX

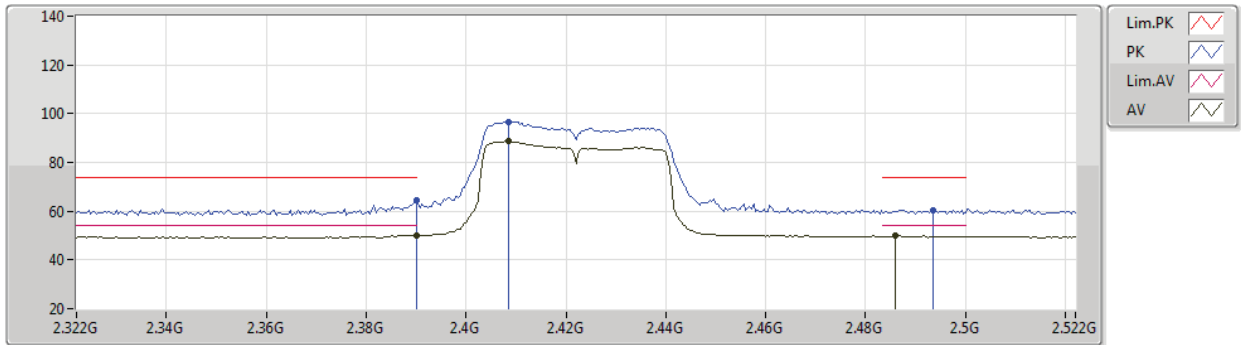


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92425G	35.95	54.00	-18.05	8.96	3	Horizontal	337	1.42	-	26.99	31.15	7.16	29.35
AV	7.38186G	40.59	54.00	-13.41	14.03	3	Horizontal	203	1.38	-	26.56	36.15	8.30	30.42
PK	4.92646G	48.09	74.00	-25.91	8.96	3	Horizontal	337	1.42	-	39.13	31.15	7.16	29.35
PK	7.37916G	52.97	74.00	-21.03	14.05	3	Horizontal	203	1.38	-	38.92	36.17	8.30	30.42

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2422MHz_TX

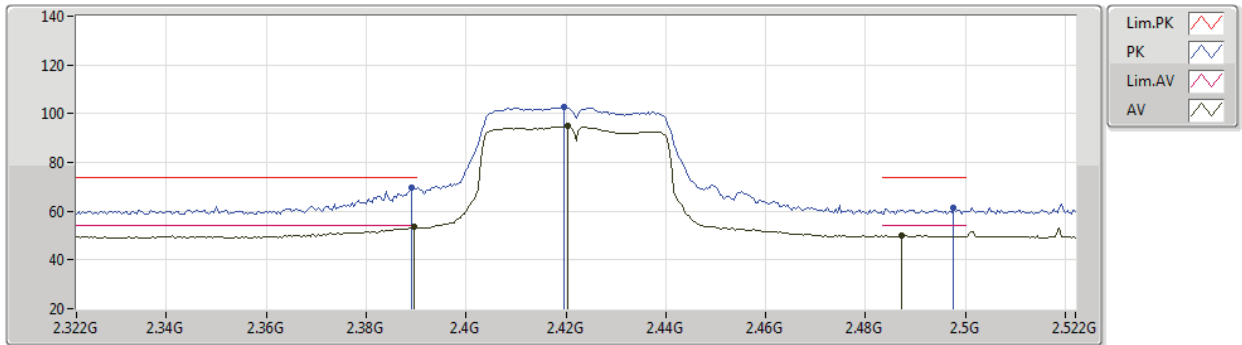


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.22	54.00	-3.78	32.91	3	Vertical	196	1.43	-	17.31	27.62	5.29	-
AV	2.4084G	88.60	Inf	-Inf	32.89	3	Vertical	196	1.43	-	55.71	27.58	5.31	-
AV	2.486G	49.78	54.00	-4.22	32.82	3	Vertical	196	1.43	-	16.96	27.43	5.39	-
PK	2.39G	64.67	74.00	-9.33	32.91	3	Vertical	196	1.43	-	31.76	27.62	5.29	-
PK	2.4084G	96.63	Inf	-Inf	32.89	3	Vertical	196	1.43	-	63.74	27.58	5.31	-
PK	2.4936G	60.39	74.00	-13.61	32.80	3	Vertical	196	1.43	-	27.59	27.41	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2422MHz_TX

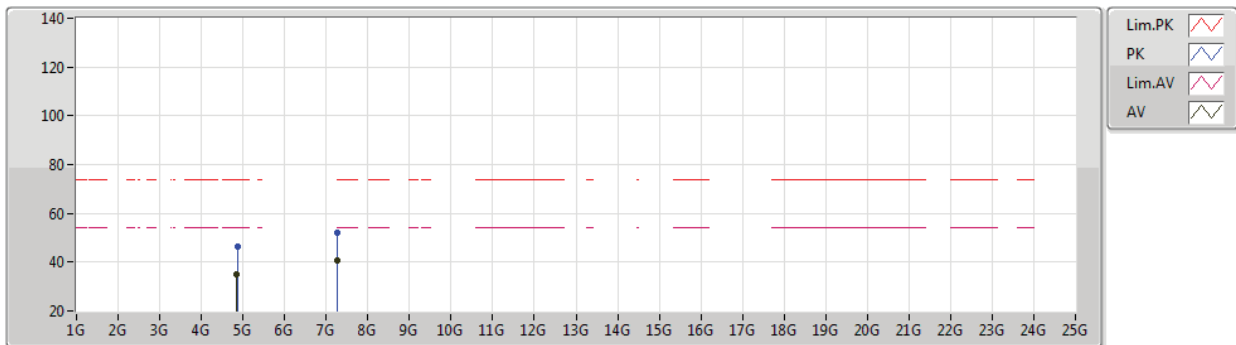


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	53.73	54.00	-0.27	32.90	3	Horizontal	136	1.54	-	20.83	27.62	5.28	-
AV	2.4204G	94.76	Inf	-Inf	32.88	3	Horizontal	136	1.54	-	61.88	27.56	5.32	-
AV	2.4872G	49.77	54.00	-4.23	32.82	3	Horizontal	136	1.54	-	16.95	27.43	5.39	-
PK	2.3892G	69.46	74.00	-4.54	32.90	3	Horizontal	136	1.54	-	36.56	27.62	5.28	-
PK	2.4196G	102.76	Inf	-Inf	32.88	3	Horizontal	136	1.54	-	69.88	27.56	5.32	-
PK	2.4976G	61.56	74.00	-12.44	32.80	3	Horizontal	136	1.54	-	28.76	27.40	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2422MHz_TX

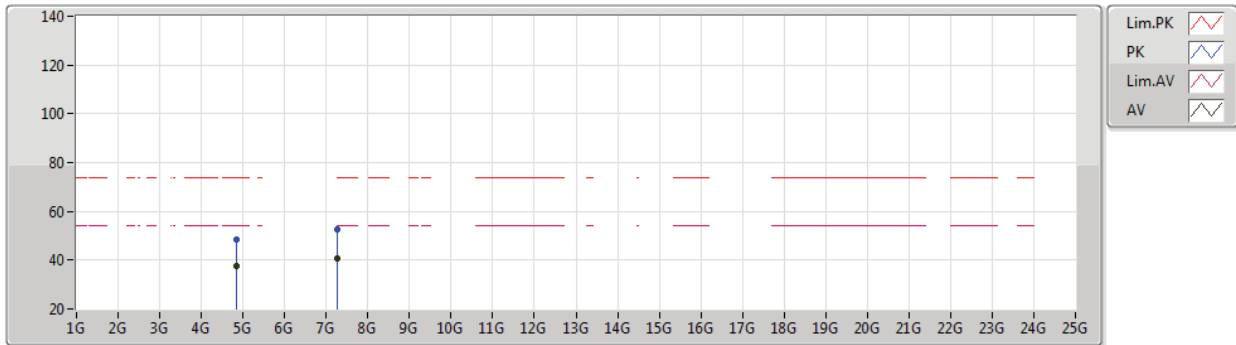


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84688G	34.91	54.00	-19.09	8.83	3	Vertical	73	2.33	-	26.08	31.10	7.12	29.39
AV	7.26312G	40.80	54.00	-13.20	14.28	3	Vertical	208	1.80	-	26.52	36.30	8.30	30.32
PK	4.859G	46.15	74.00	-27.85	8.85	3	Vertical	73	2.33	-	37.30	31.10	7.13	29.38
PK	7.25856G	52.02	74.00	-21.98	14.29	3	Vertical	208	1.80	-	37.73	36.30	8.30	30.31

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2422MHz_TX

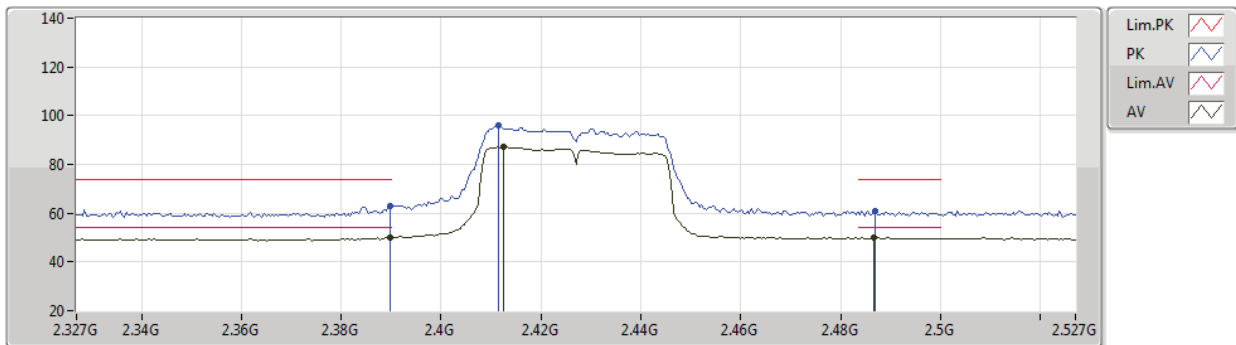


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84406G	37.34	54.00	-16.66	8.83	3	Horizontal	102	1.93	-	28.51	31.10	7.12	29.39
AV	7.27944G	40.81	54.00	-13.19	14.27	3	Horizontal	289	1.13	-	26.54	36.30	8.30	30.33
PK	4.84844G	48.23	74.00	-25.77	8.83	3	Horizontal	102	1.93	-	39.40	31.10	7.12	29.39
PK	7.266G	52.82	74.00	-21.18	14.28	3	Horizontal	289	1.13	-	38.54	36.30	8.30	30.32

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2427MHz_TX

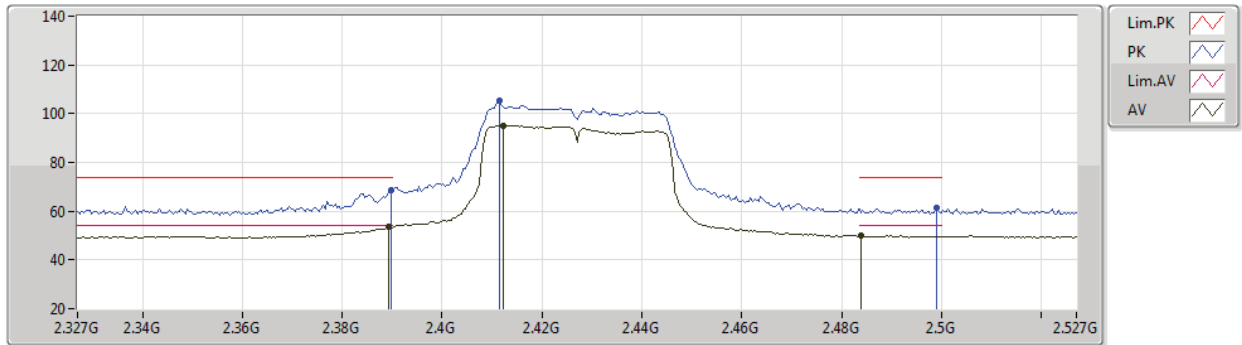


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.02	54.00	-3.98	32.90	3	Vertical	233	1.50	-	17.12	27.62	5.28	-
AV	2.4126G	87.15	Inf	-Inf	32.88	3	Vertical	233	1.50	-	54.27	27.57	5.31	-
AV	2.4866G	49.99	54.00	-4.01	32.82	3	Vertical	233	1.50	-	17.17	27.43	5.39	-
PK	2.3898G	62.85	74.00	-11.15	32.90	3	Vertical	233	1.50	-	29.95	27.62	5.28	-
PK	2.4114G	96.28	Inf	-Inf	32.89	3	Vertical	233	1.50	-	63.39	27.58	5.31	-
PK	2.487G	60.80	74.00	-13.20	32.82	3	Vertical	233	1.50	-	27.98	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2427MHz_TX

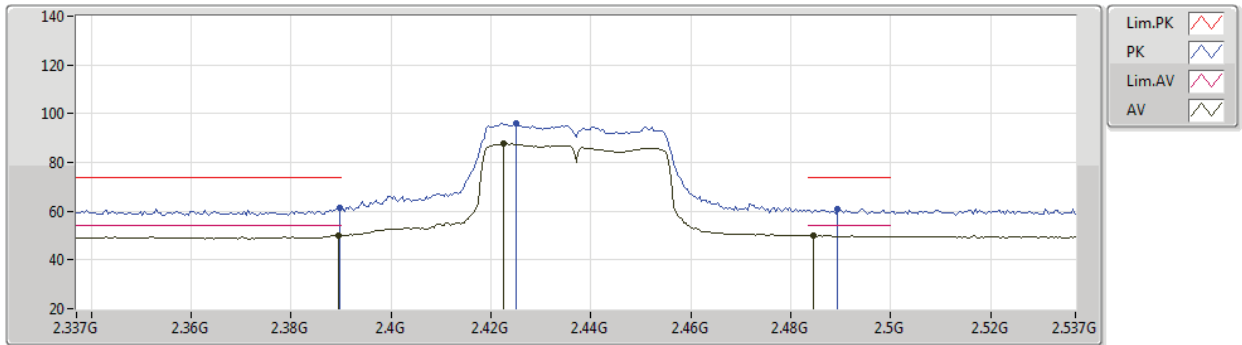


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.60	54.00	-0.40	32.90	3	Horizontal	135	1.61	-	20.70	27.62	5.28	-
AV	2.4122G	95.12	Inf	-Inf	32.89	3	Horizontal	135	1.61	-	62.23	27.58	5.31	-
AV	2.4838G	49.97	54.00	-4.03	32.81	3	Horizontal	135	1.61	-	17.16	27.43	5.38	-
PK	2.3898G	68.51	74.00	-5.49	32.90	3	Horizontal	135	1.61	-	35.61	27.62	5.28	-
PK	2.4114G	105.31	Inf	-Inf	32.89	3	Horizontal	135	1.61	-	72.42	27.58	5.31	-
PK	2.499G	61.16	74.00	-12.84	32.80	3	Horizontal	135	1.61	-	28.36	27.40	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

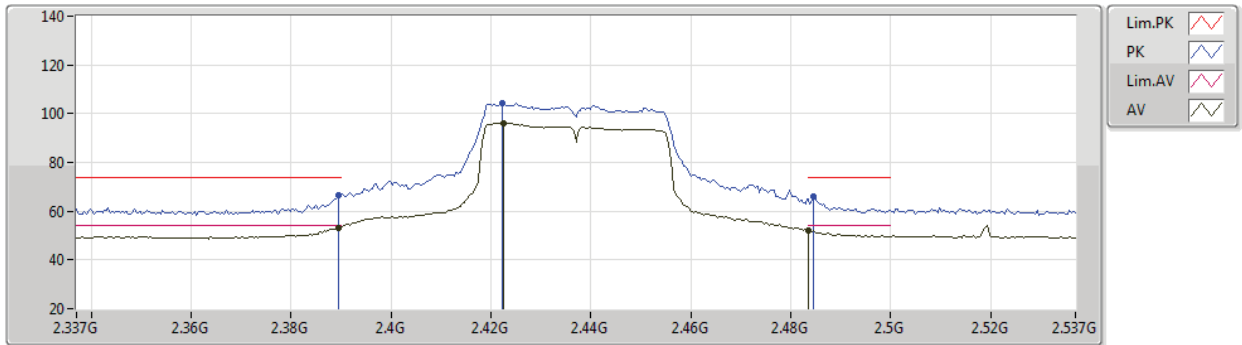


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	50.21	54.00	-3.79	32.90	3	Vertical	197	1.50	-	17.31	27.62	5.28	-
AV	2.4226G	87.68	Inf	-Inf	32.87	3	Vertical	197	1.50	-	54.81	27.55	5.32	-
AV	2.4846G	49.98	54.00	-4.02	32.81	3	Vertical	197	1.50	-	17.17	27.43	5.38	-
PK	2.3898G	61.32	74.00	-12.68	32.90	3	Vertical	197	1.50	-	28.42	27.62	5.28	-
PK	2.425G	96.02	Inf	-Inf	32.88	3	Vertical	197	1.50	-	63.14	27.55	5.33	-
PK	2.4894G	61.08	74.00	-12.92	32.81	3	Vertical	197	1.50	-	28.27	27.42	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

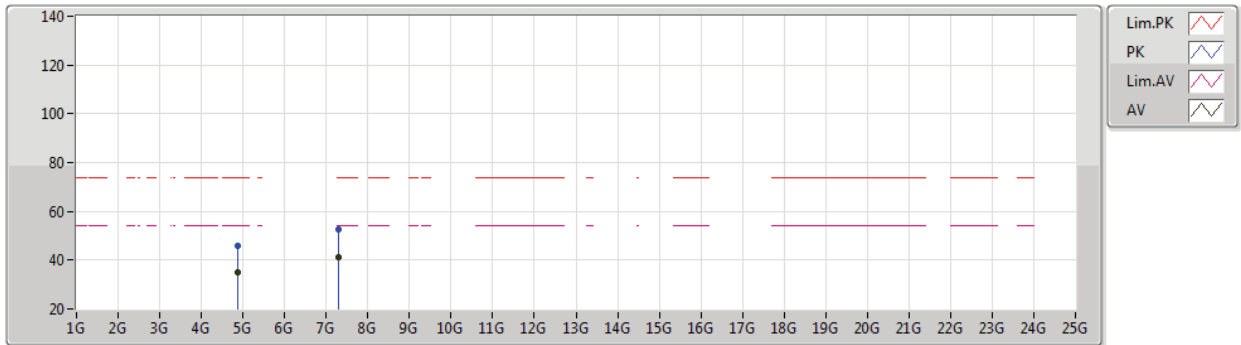


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.34	54.00	-0.66	32.90	3	Horizontal	136	1.68	-	20.44	27.62	5.28	-
AV	2.4226G	96.21	Inf	-Inf	32.87	3	Horizontal	136	1.68	-	63.34	27.55	5.32	-
AV	2.4835G	52.04	54.00	-1.96	32.81	3	Horizontal	136	1.68	-	19.23	27.43	5.38	-
PK	2.3894G	66.31	74.00	-7.69	32.90	3	Horizontal	136	1.68	-	33.41	27.62	5.28	-
PK	2.4222G	104.43	Inf	-Inf	32.88	3	Horizontal	136	1.68	-	71.55	27.56	5.32	-
PK	2.4846G	65.92	74.00	-8.08	32.81	3	Horizontal	136	1.68	-	33.11	27.43	5.38	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

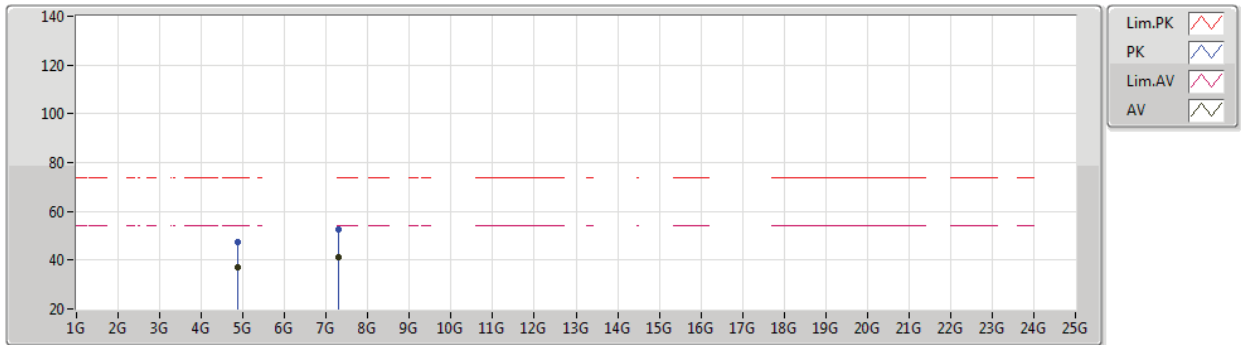


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88696G	35.02	54.00	-18.98	8.87	3	Vertical	358	2.29	-	26.15	31.10	7.14	29.37
AV	7.29834G	41.03	54.00	-12.97	14.25	3	Vertical	152	1.22	-	26.78	36.30	8.30	30.35
PK	4.88642G	45.89	74.00	-28.11	8.87	3	Vertical	358	2.29	-	37.02	31.10	7.14	29.37
PK	7.30176G	52.40	74.00	-21.60	14.25	3	Vertical	152	1.22	-	38.15	36.30	8.30	30.35

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2437MHz_TX

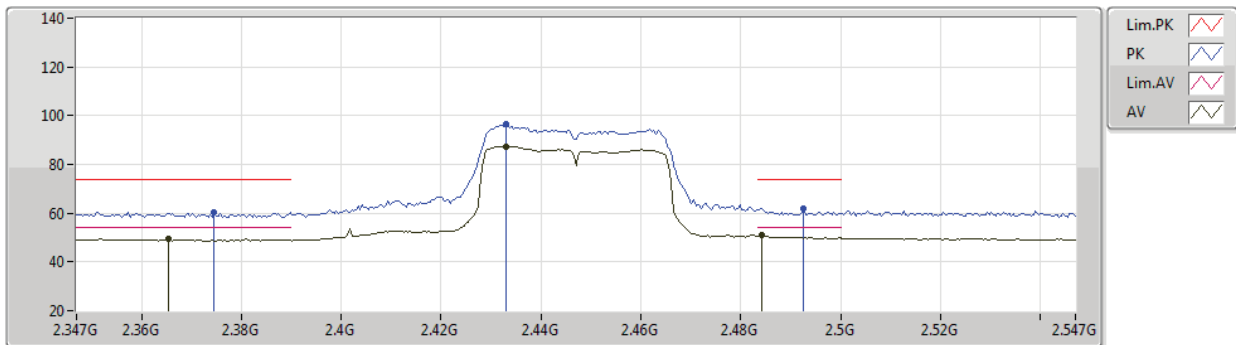


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87388G	37.05	54.00	-16.95	8.86	3	Horizontal	106	1.20	-	28.19	31.10	7.14	29.38
AV	7.29972G	40.95	54.00	-13.05	14.25	3	Horizontal	130	1.43	-	26.70	36.30	8.30	30.35
PK	4.87364G	47.19	74.00	-26.81	8.86	3	Horizontal	106	1.20	-	38.33	31.10	7.14	29.38
PK	7.29708G	52.64	74.00	-21.36	14.25	3	Horizontal	130	1.43	-	38.39	36.30	8.30	30.35

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2447MHz_TX

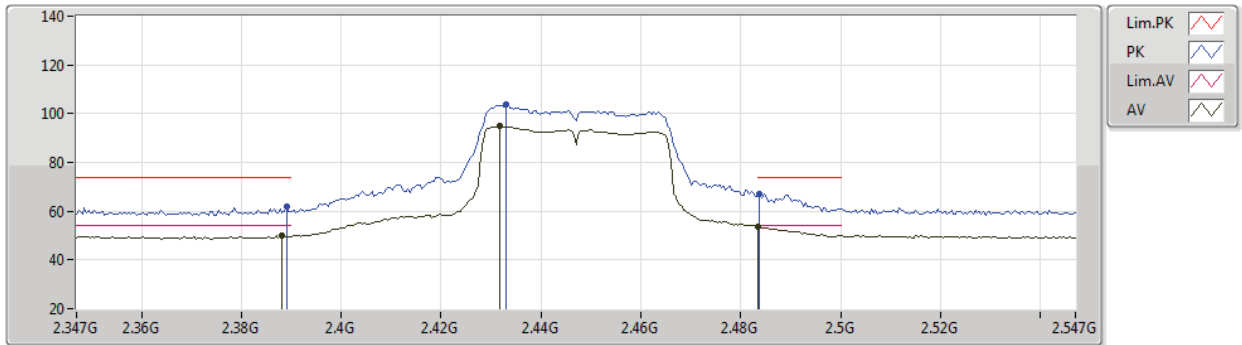


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3654G	49.35	54.00	-4.65	32.92	3	Vertical	197	1.40	-	16.43	27.67	5.25	-
AV	2.433G	87.50	Inf	-Inf	32.86	3	Vertical	197	1.40	-	54.64	27.53	5.33	-
AV	2.4842G	50.79	54.00	-3.21	32.81	3	Vertical	197	1.40	-	17.98	27.43	5.38	-
PK	2.3746G	60.56	74.00	-13.44	32.91	3	Vertical	197	1.40	-	27.65	27.65	5.26	-
PK	2.433G	96.75	Inf	-Inf	32.86	3	Vertical	197	1.40	-	63.89	27.53	5.33	-
PK	2.4926G	62.11	74.00	-11.89	32.80	3	Vertical	197	1.40	-	29.31	27.41	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2447MHz_TX

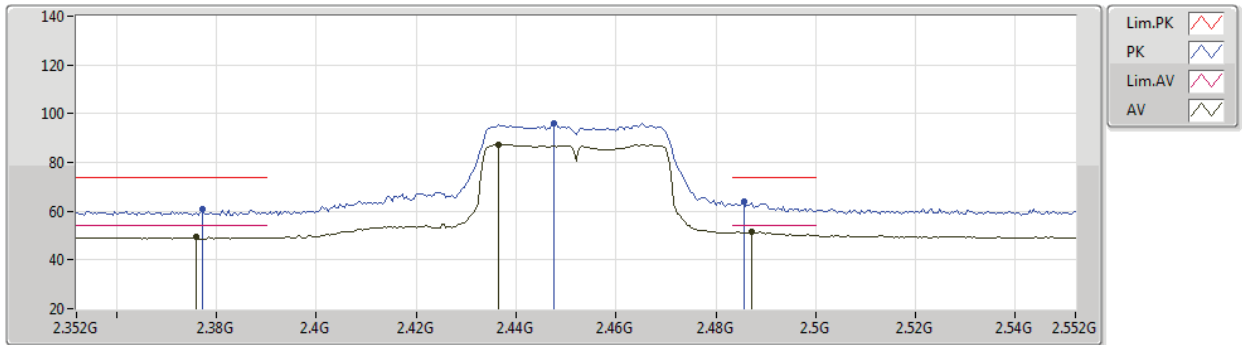


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	49.82	54.00	-4.18	32.90	3	Horizontal	136	1.76	-	16.92	27.62	5.28	-
AV	2.4318G	94.80	Inf	-Inf	32.87	3	Horizontal	136	1.76	-	61.93	27.54	5.33	-
AV	2.4835G	53.42	54.00	-0.58	32.81	3	Horizontal	136	1.76	-	20.61	27.43	5.38	-
PK	2.389G	61.92	74.00	-12.08	32.90	3	Horizontal	136	1.76	-	29.02	27.62	5.28	-
PK	2.433G	103.95	Inf	-Inf	32.86	3	Horizontal	136	1.76	-	71.09	27.53	5.33	-
PK	2.4838G	66.90	74.00	-7.10	32.81	3	Horizontal	136	1.76	-	34.09	27.43	5.38	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2452MHz_TX

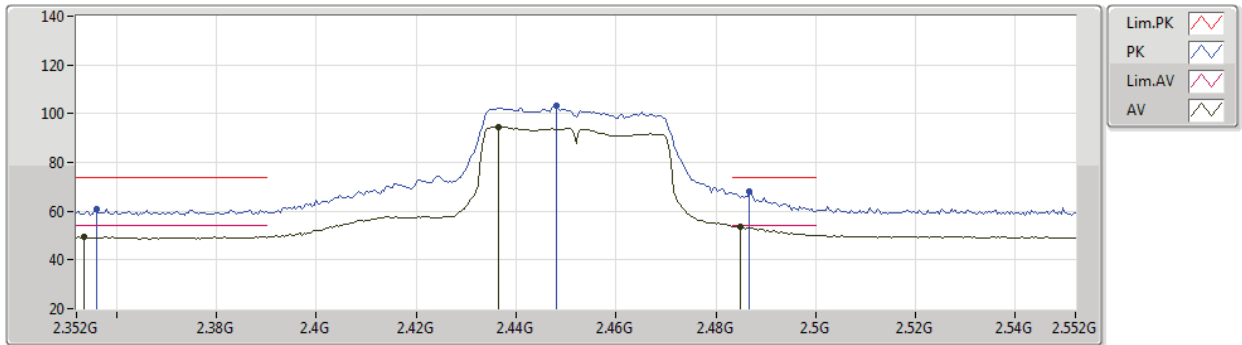


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.376G	49.26	54.00	-4.74	32.91	3	Vertical	204	1.28	-	16.35	27.65	5.26	-
AV	2.4364G	87.37	Inf	-Inf	32.87	3	Vertical	204	1.28	-	54.50	27.53	5.34	-
AV	2.4872G	51.36	54.00	-2.64	32.82	3	Vertical	204	1.28	-	18.54	27.43	5.39	-
PK	2.3772G	61.06	74.00	-12.94	32.92	3	Vertical	204	1.28	-	28.14	27.65	5.27	-
PK	2.4476G	96.18	Inf	-Inf	32.85	3	Vertical	204	1.28	-	63.33	27.50	5.35	-
PK	2.4856G	63.85	74.00	-10.15	32.82	3	Vertical	204	1.28	-	31.03	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

2452MHz_TX

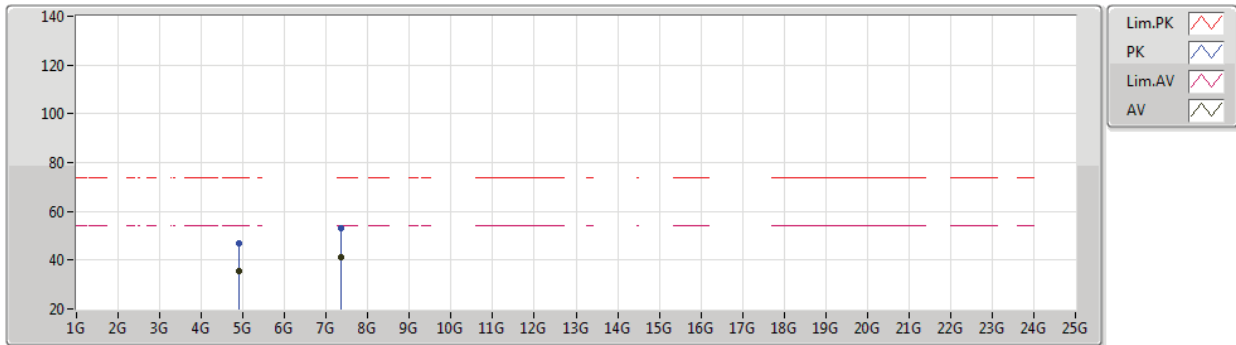


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3536G	49.43	54.00	-4.57	32.92	3	Horizontal	136	1.83	-	16.51	27.69	5.23	-
AV	2.4364G	94.63	Inf	-Inf	32.87	3	Horizontal	136	1.83	-	61.76	27.53	5.34	-
AV	2.4848G	53.85	54.00	-0.15	32.81	3	Horizontal	136	1.83	-	21.04	27.43	5.38	-
PK	2.356G	60.76	74.00	-13.24	32.92	3	Horizontal	136	1.83	-	27.84	27.69	5.23	-
PK	2.448G	103.23	Inf	-Inf	32.85	3	Horizontal	136	1.83	-	70.38	27.50	5.35	-
PK	2.4868G	68.14	74.00	-5.86	32.82	3	Horizontal	136	1.83	-	35.32	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

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2452MHz_TX

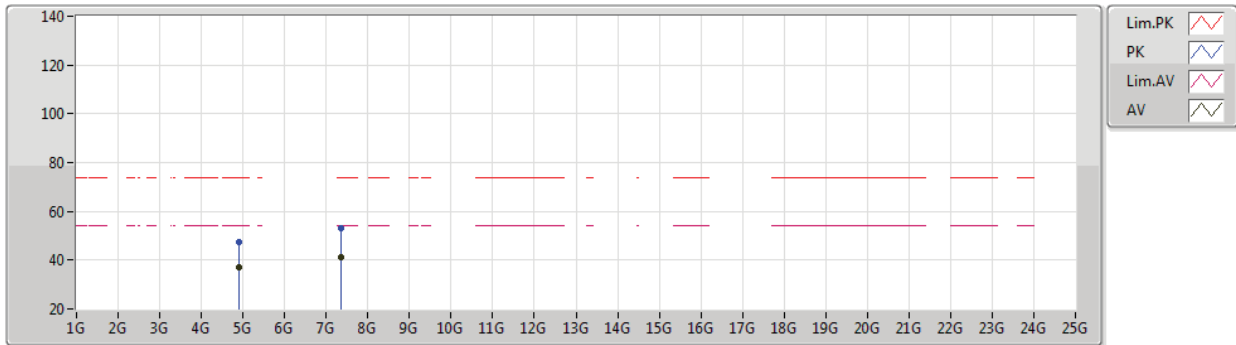


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9076G	35.48	54.00	-18.52	8.91	3	Vertical	125	1.20	-	26.57	31.12	7.15	29.36
AV	7.35822G	41.32	54.00	-12.68	14.23	3	Vertical	331	1.77	-	27.09	36.33	8.30	30.40
PK	4.9058G	46.80	74.00	-27.20	8.90	3	Vertical	125	1.20	-	37.90	31.11	7.15	29.36
PK	7.3668G	53.17	74.00	-20.83	14.16	3	Vertical	331	1.77	-	39.01	36.27	8.30	30.41

802.11n HT40_Nss1,(MCS0)_2TX

21/04/2020

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	4.904G	37.18	54.00	-16.82	8.90	3	Horizontal	109	1.35	-	28.28	31.11	7.15	29.36
AV	7.35666G	40.96	54.00	-13.04	14.25	3	Horizontal	317	1.73	-	26.71	36.35	8.30	30.40
PK	4.91156G	47.46	74.00	-26.54	8.92	3	Horizontal	109	1.35	-	38.54	31.12	7.16	29.36
PK	7.3608G	53.09	74.00	-20.91	14.21	3	Horizontal	317	1.73	-	38.88	36.31	8.30	30.40