

FCC Test Report

FCC ID : SWX-AFAR
Equipment : AMPLIFI ALIEN
Brand Name : UBIQUITI
Model Name : AFi-ALN-R
Applicant : Ubiquiti Inc.
685 Third Avenue, New York,
New York 10017 USA
Manufacturer : Ubiquiti Inc.
685 Third Avenue, New York,
New York 10017 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 18, 2018, and testing was started from Sep. 22, 2018 and completed on Nov. 24, 2018. . 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.)

Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	7
1.3 Testing Location Information	7
1.4 Measurement Uncertainty	7
2 TEST CONFIGURATION OF EUT.....	8
2.1 Test Condition	8
2.2 Test Channel Mode	8
2.3 The Worst Case Measurement Configuration.....	9
2.4 Support Equipment.....	9
2.5 Test Setup Diagram	10
3 TRANSMITTER TEST RESULT	11
3.1 AC Power-line Conducted Emissions	11
3.2 DTS Bandwidth.....	12
3.3 Maximum Conducted Output Power	13
3.4 Power Spectral Density	15
3.5 Emissions in Non-restricted Frequency Bands	16
3.6 Emissions in Restricted Frequency Bands.....	17
4 TEST EQUIPMENT AND CALIBRATION DATA	20
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(a)	DTS Bandwidth	PASS	≥500kHz
3.3	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	15.247(e)	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

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: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	internal antenna	I-PEX
2	-	-	internal antenna	I-PEX
3	-	-	internal antenna	I-PEX
4	-	-	internal antenna	I-PEX

Ant.	Port	Gain (dBi)
		2.4G
1	1	4
2	2	4
3	3	4
4	4	4

Note 1: The EUT has four antennas.

For 2.4GHz function:

For IEEE 802.11 n mode (4TX/4RX)

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.986	0.061	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.949	0.227	2.099m	1k
802.11n HT20	0.96	0.177	5.43m	300
802.11n HT40	0.959	0.182	5.43m	300

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v05r01
- ♦ KDB 662911 D01 v02r01

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.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Andy	24.5~27°C / 50~65%	26/Sep/2018
Radiated	03CH02-HY	Andy	22.8~26°C / 53~57%	22/Sep/2018~ 23/Nov/2018
AC Conduction	CO04-HY	Andy	24.6~26°C / 57~61%	24/Nov/2018

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)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	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
---------------	-----

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	AC mains mode

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

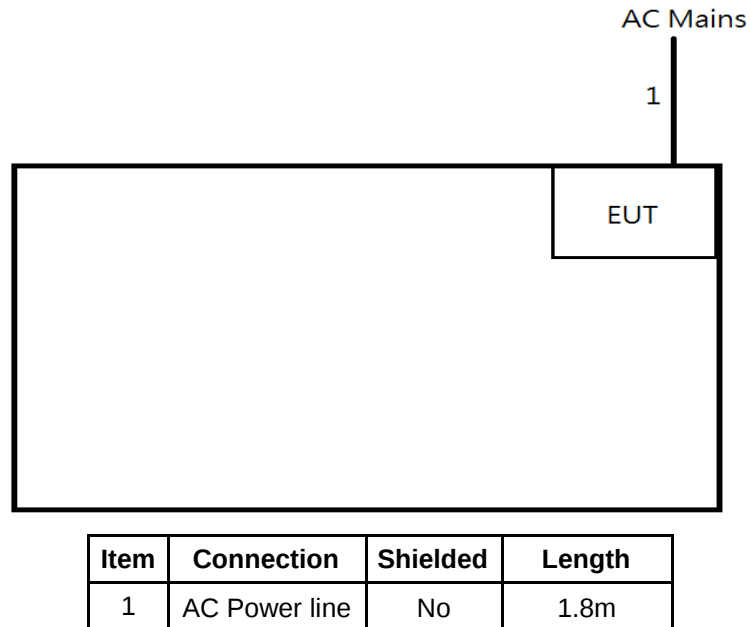
The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should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

2.4 Support Equipment

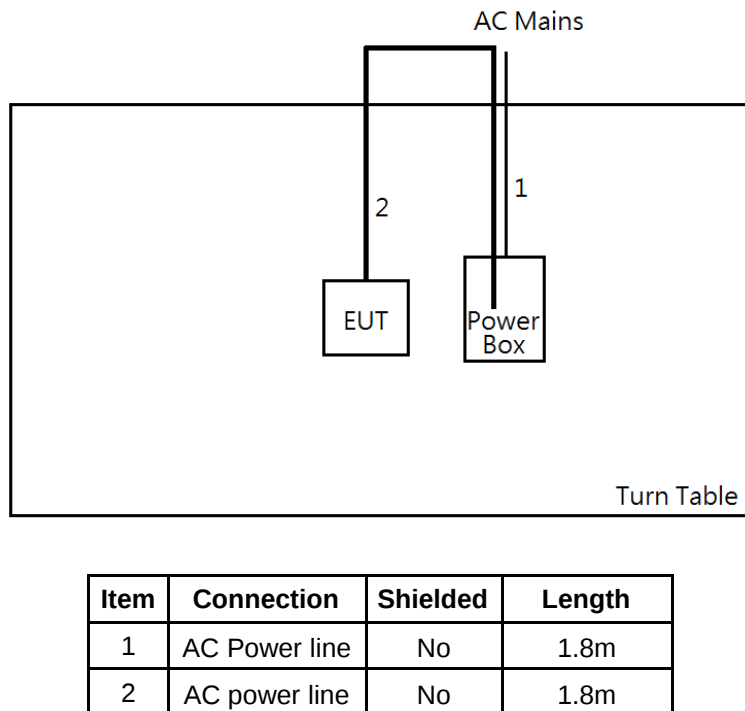
Support Equipment - RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for Notebook	DELL	HA65NM130	DoC
3	AC Power Source	GW	APS-9102	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Test Setup Diagram - Radiated Test



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.

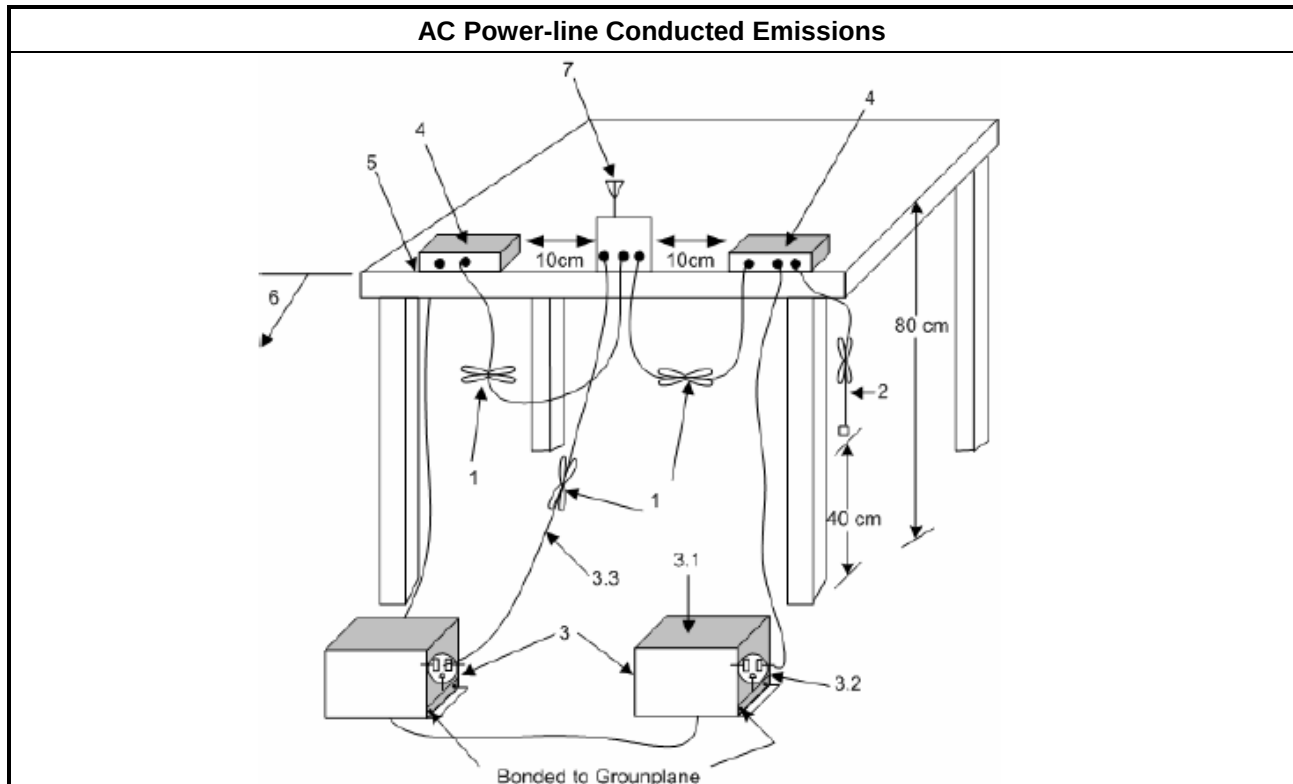
3.1.2 Measuring Instruments

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.

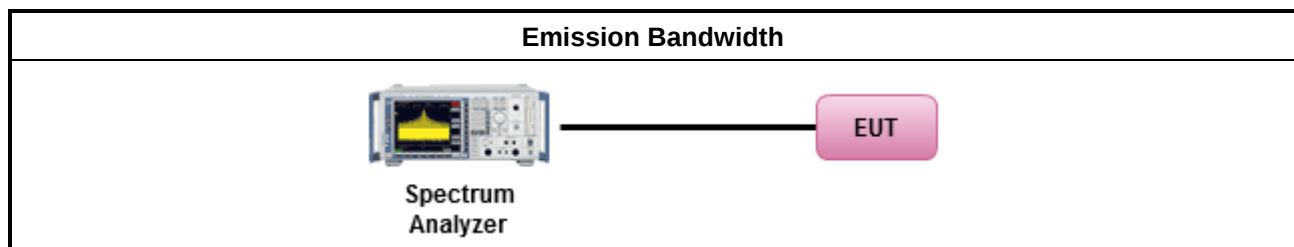
3.2.2 Measuring Instruments

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 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

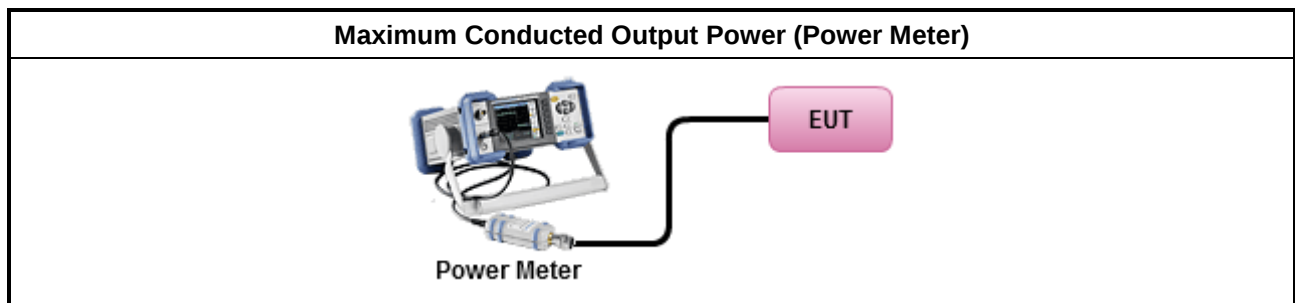
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

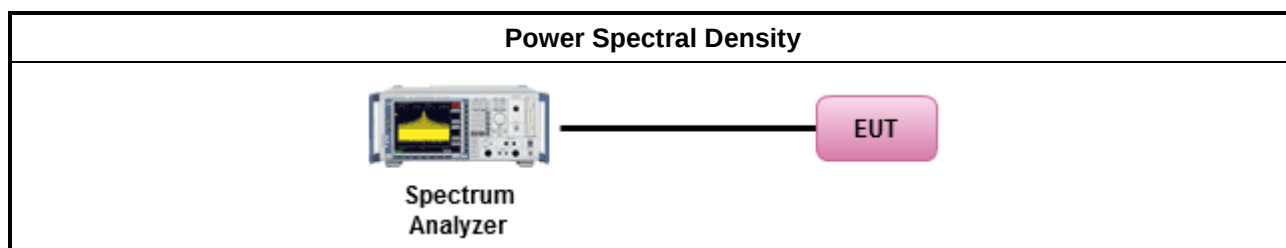
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Method PKPSD.
▪	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 PSD 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 PSD level.	

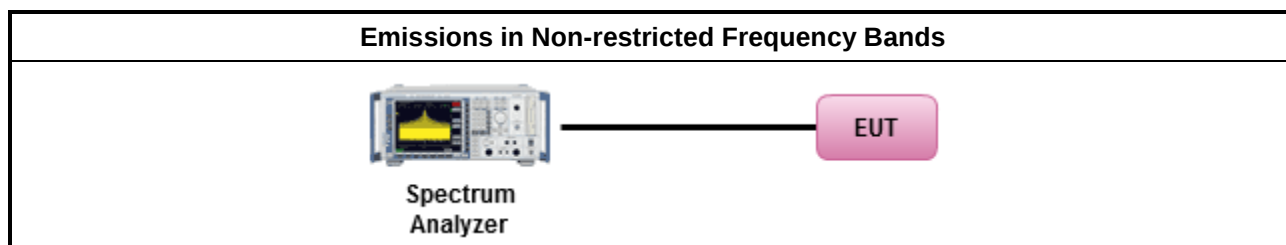
3.5.2 Measuring Instruments

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.

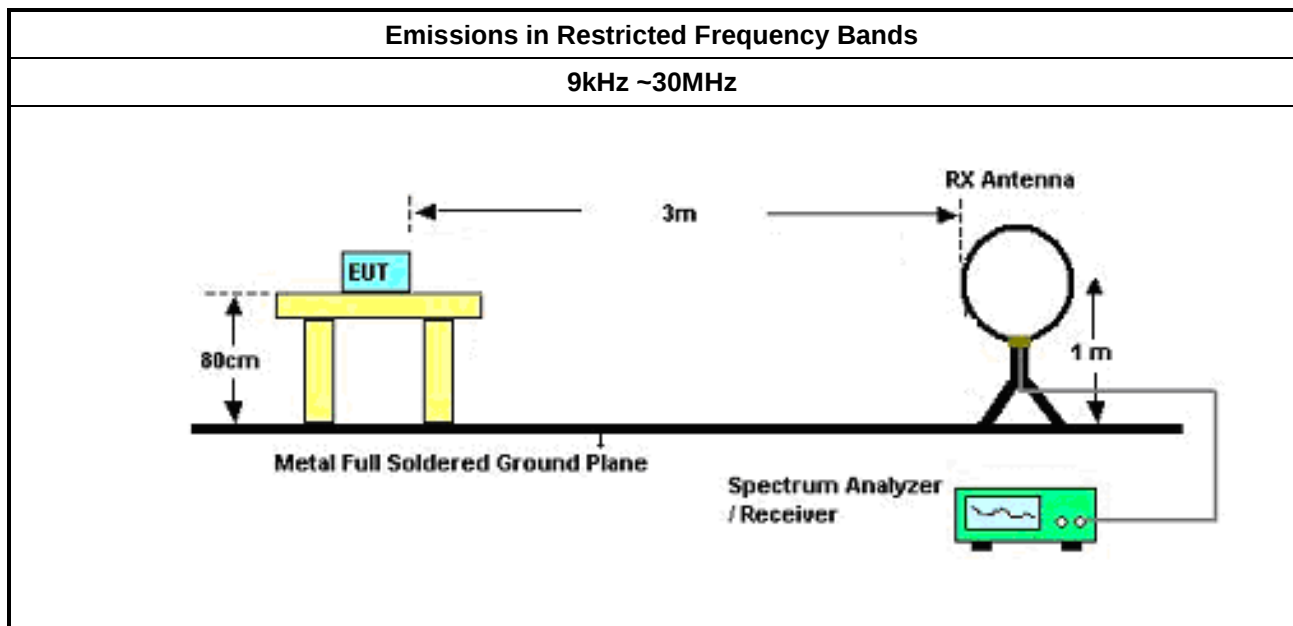
3.6.2 Measuring Instruments

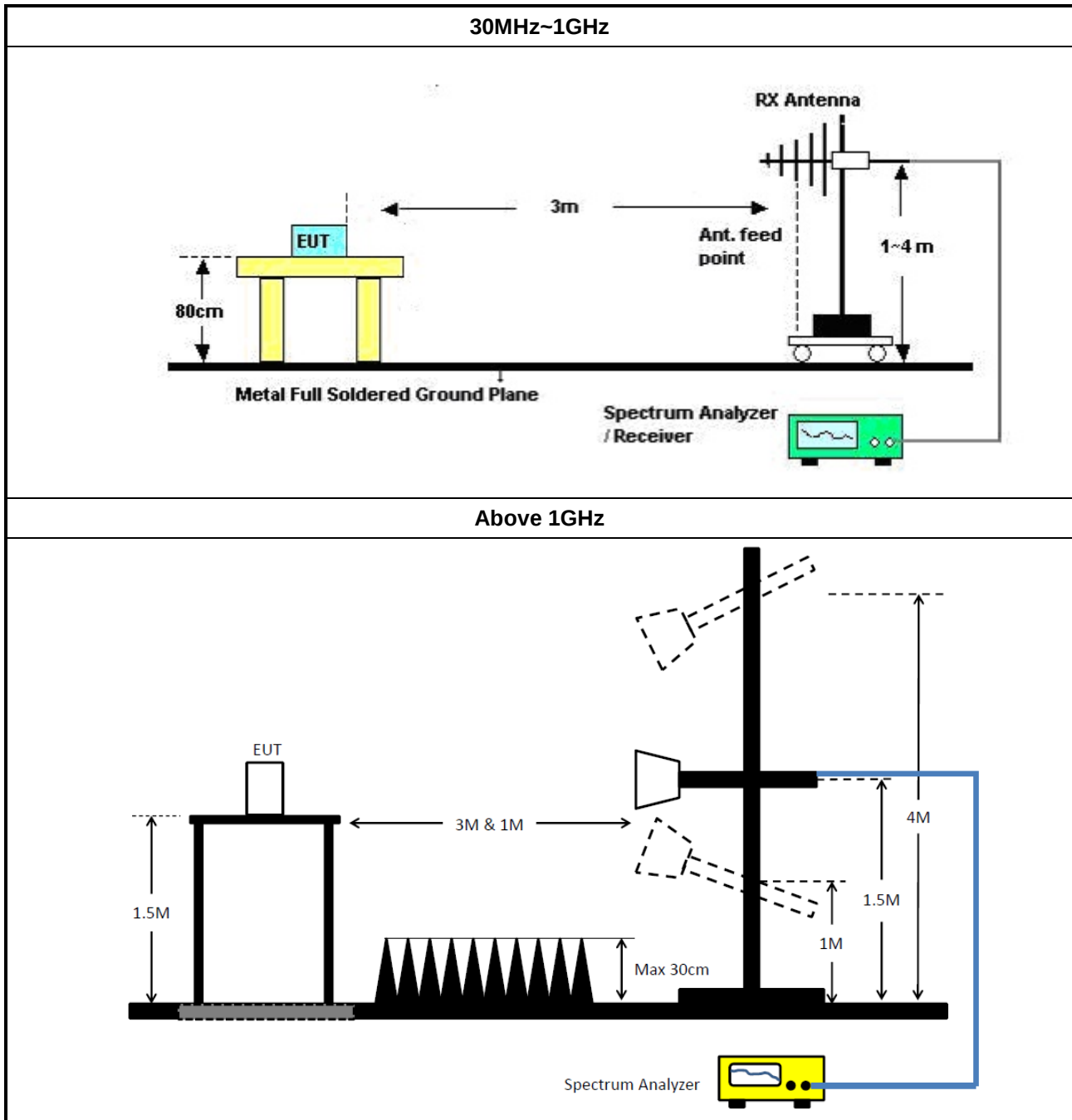
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 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 (i.e., 1 MHz).
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.

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

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz ~ 63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require

Instrument for Radiated Test

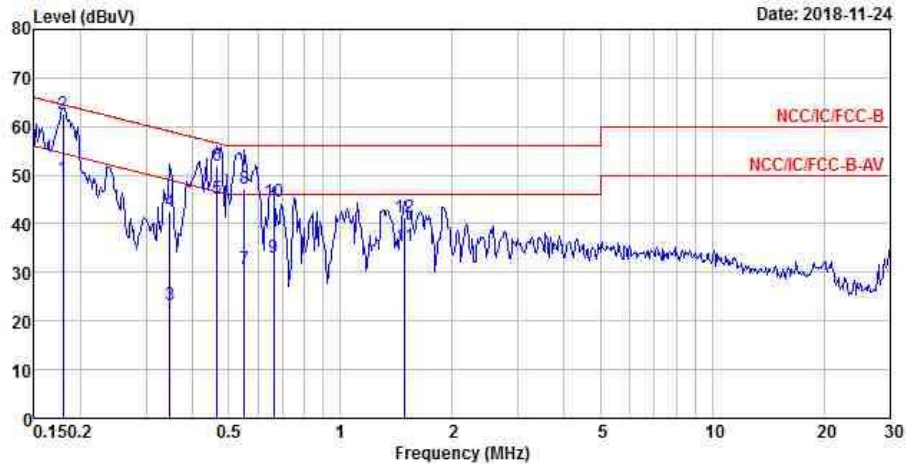
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	20/Oct/2017	19/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	27/Oct/2017	26/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	12/Dec/2017	11/Dec/2018
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	19/Jan/2018	18/Jan/2019
Bilog Antenna	SCHAFFNER	CBL 6112D	2678	30MHz ~ 1GHz	07/Jul/2018	06/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	06/Nov/2017	05/Nov/2018
RF Cable-1m	HUBER+SUHNER	MY37332/4	RF Cable - 44	30MHz~1GHz	26/Jan/2018	25/Jan/2019
RF Cable-1m	HUBER+SUHNER	MY37332/4	RF Cable - 44	1GHz~18GHz	26/Jan/2018	25/Jan/2019
RF Cable-1m	HUBER+SUHNER	MY37333/4	RF Cable - 45	30MHz~1GHz	26/Jan/2018	25/Jan/2019
RF Cable-1m	HUBER+SUHNER	MY37333/4	RF Cable - 45	1GHz~18GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz~26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz~26.5GHz	26/Jan/2018	25/Jan/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	AC mains mode		

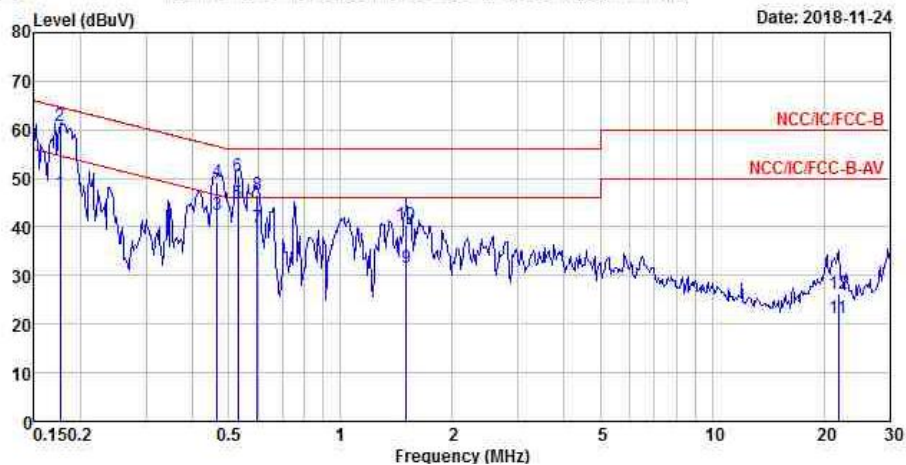


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.18	49.24	-5.26	54.50	39.60	9.62	0.02	Average
2	0.18	62.46	-2.04	64.50	52.82	9.62	0.02	QP
3	0.35	23.23	-25.77	49.00	13.54	9.61	0.08	Average
4	0.35	42.39	-16.61	59.00	32.70	9.61	0.08	QP
5 MAX	0.47	45.20	-1.38	46.58	35.51	9.61	0.08	Average
6	0.47	52.05	-4.53	56.58	42.36	9.61	0.08	QP
7	0.55	30.58	-15.42	46.00	20.91	9.61	0.06	Average
8	0.55	47.34	-8.66	56.00	37.67	9.61	0.06	QP
9	0.66	33.13	-12.87	46.00	23.46	9.62	0.05	Average
10	0.66	44.52	-11.48	56.00	34.85	9.62	0.05	QP
11	1.49	35.53	-10.47	46.00	25.90	9.63	0.00	Average
12	1.49	41.38	-14.62	56.00	31.75	9.63	0.00	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
 Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	AC mains mode		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.18	46.83	-7.85	54.68	37.19	9.62	0.02	Average
2	0.18	60.94	-3.74	64.68	51.30	9.62	0.02	QP
3	0.47	42.40	-4.18	46.58	32.71	9.61	0.08	Average
4	0.47	49.36	-7.22	56.58	39.67	9.61	0.08	QP
5 MAX	0.53	44.84	-1.16	46.00	35.16	9.61	0.07	Average
6	0.53	50.61	-5.39	56.00	40.93	9.61	0.07	QP
7	0.60	39.86	-6.14	46.00	30.19	9.61	0.06	Average
8	0.60	46.78	-9.22	56.00	37.11	9.61	0.06	QP
9	1.50	31.49	-14.51	46.00	21.87	9.62	0.00	Average
10	1.50	40.54	-15.46	56.00	30.92	9.62	0.00	QP
11	21.83	21.32	-28.68	50.00	11.61	9.59	0.12	Average
12	21.83	26.19	-33.81	60.00	16.48	9.59	0.12	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

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)_4TX	8.05M	12.949M	12M9G1D	7.025M	12.861M
802.11g_Nss1,(6Mbps)_4TX	16.475M	16.524M	16M5D1D	16.375M	16.428M
802.11n HT20_Nss1,(MCS0)_4TX	17.55M	17.611M	17M6D1D	16.775M	17.578M
802.11n HT40_Nss1,(MCS0)_4TX	36.3M	36.125M	36M1D1D	34M	35.995M

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;

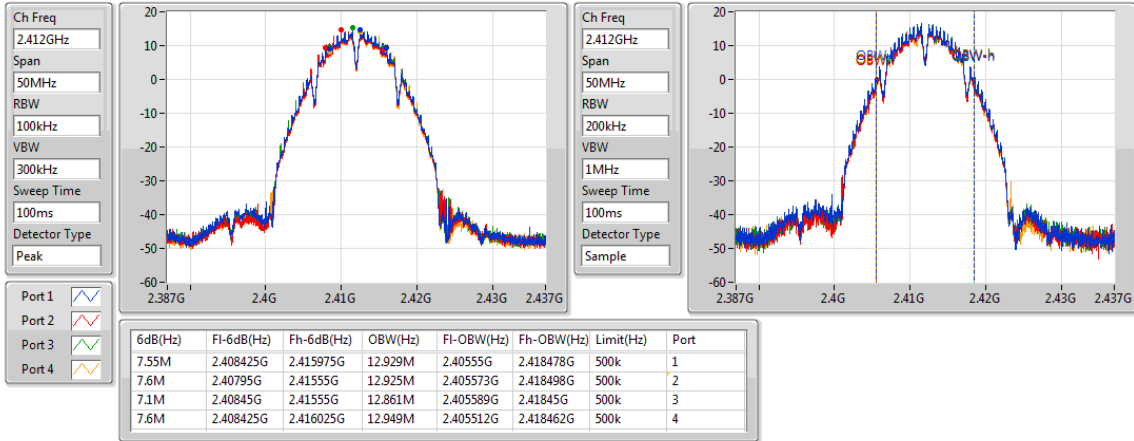
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.55M	12.929M	7.6M	12.925M	7.1M	12.861M	7.6M	12.949M
2437MHz_TnomVnom	Pass	500k	8.05M	12.918M	7.575M	12.941M	7.55M	12.926M	7.525M	12.902M
2462MHz_TnomVnom	Pass	500k	7.125M	12.919M	7.025M	12.901M	7.125M	12.881M	7.125M	12.902M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.4M	16.428M	16.4M	16.47M	16.4M	16.503M	16.425M	16.494M
2437MHz_TnomVnom	Pass	500k	16.375M	16.447M	16.4M	16.467M	16.4M	16.524M	16.4M	16.486M
2462MHz_TnomVnom	Pass	500k	16.375M	16.442M	16.425M	16.464M	16.475M	16.521M	16.425M	16.476M
802.11n HT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.525M	17.581M	17.15M	17.591M	16.775M	17.587M	17.55M	17.599M
2437MHz_TnomVnom	Pass	500k	16.9M	17.59M	17.525M	17.586M	17.25M	17.598M	17.525M	17.611M
2462MHz_TnomVnom	Pass	500k	17.55M	17.59M	17.525M	17.58M	16.875M	17.578M	17.55M	17.602M
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	34.65M	36.107M	35.2M	36.012M	34M	36.079M	36.05M	36.003M
2437MHz_TnomVnom	Pass	500k	35.15M	36.059M	34.25M	36.072M	35M	36.109M	36.3M	35.995M
2452MHz_TnomVnom	Pass	500k	34.7M	36.082M	34.9M	36.084M	35.25M	36.09M	36.3M	36.125M

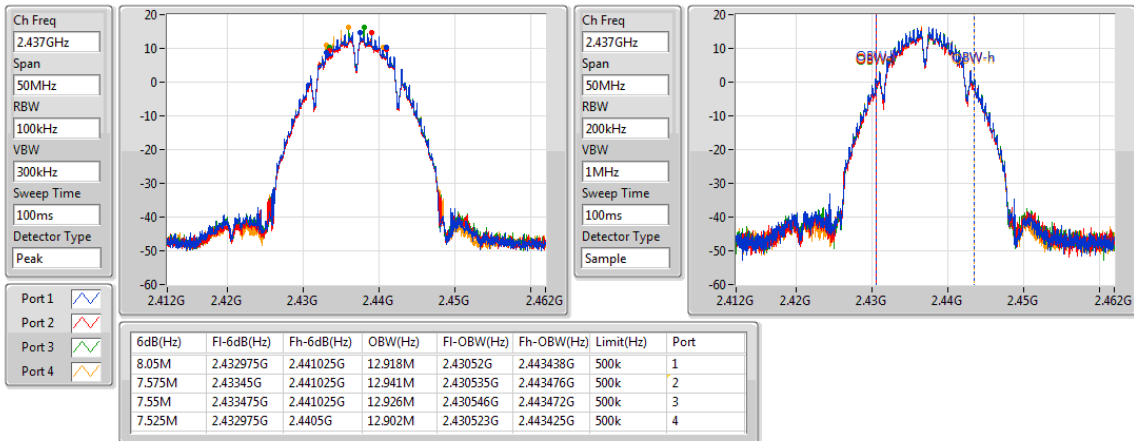
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_4TX
EBW
2412MHz

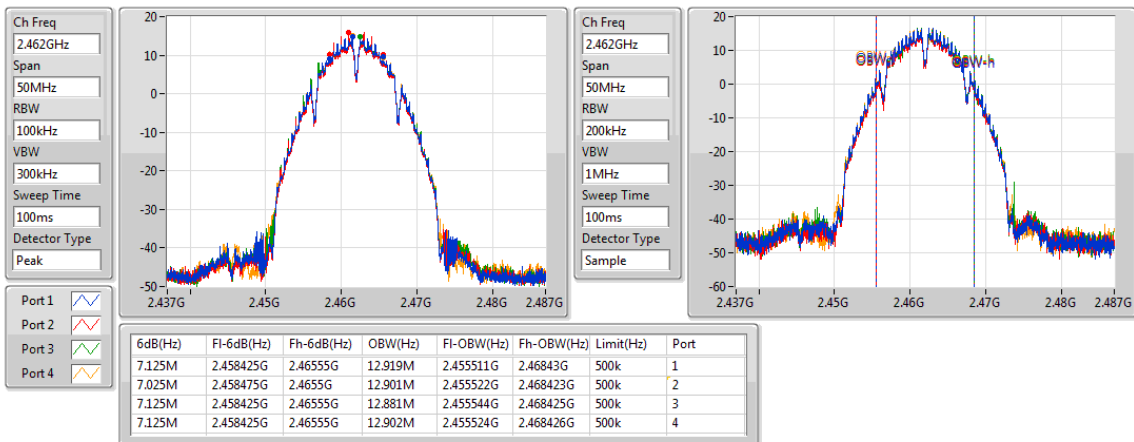
26/09/2018


802.11b_Nss1,(1Mbps)_4TX
EBW
2437MHz

26/09/2018

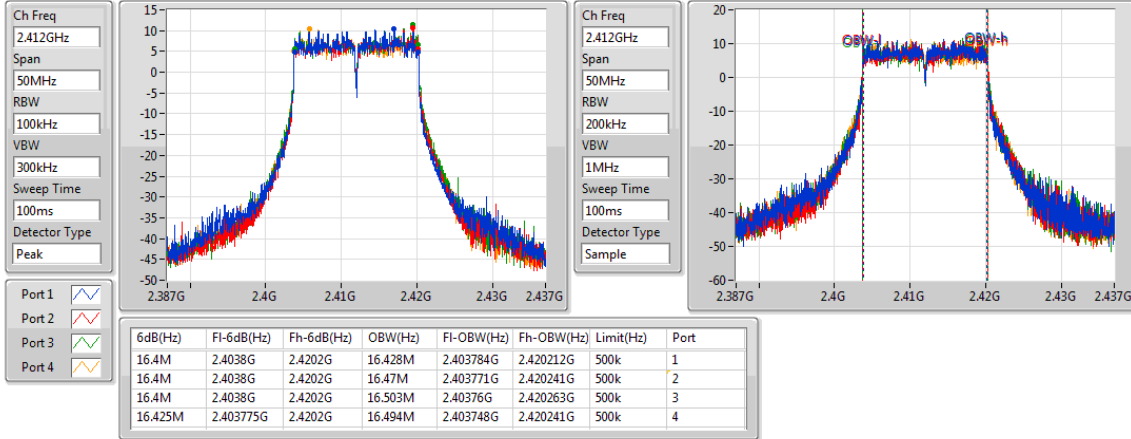

802.11b_Nss1,(1Mbps)_4TX
EBW
2462MHz

26/09/2018

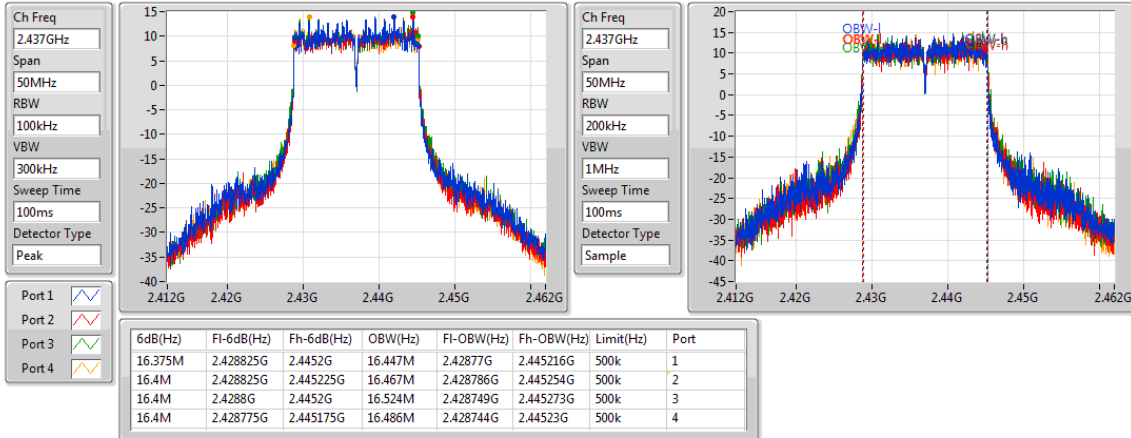


802.11g_Nss1,(6Mbps)_4TX
EBW
2412MHz

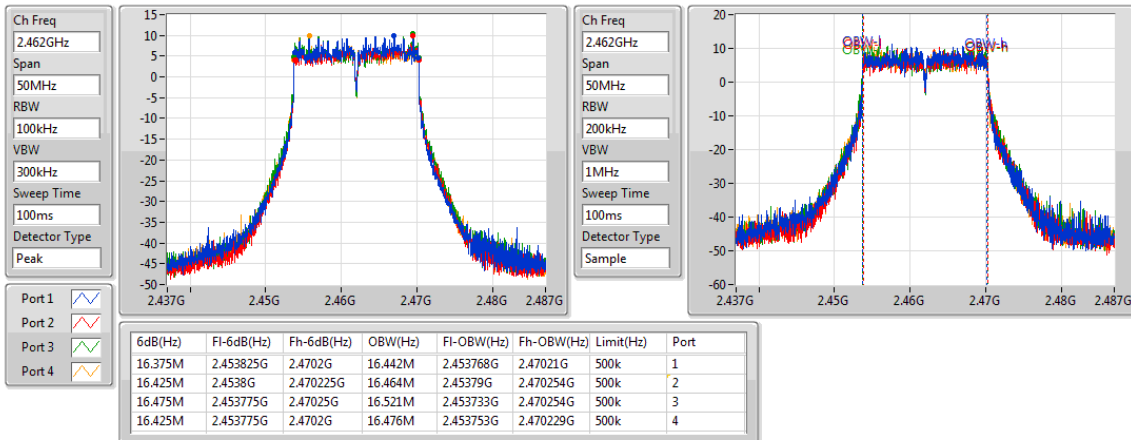
26/09/2018


802.11g_Nss1,(6Mbps)_4TX
EBW
2437MHz

26/09/2018

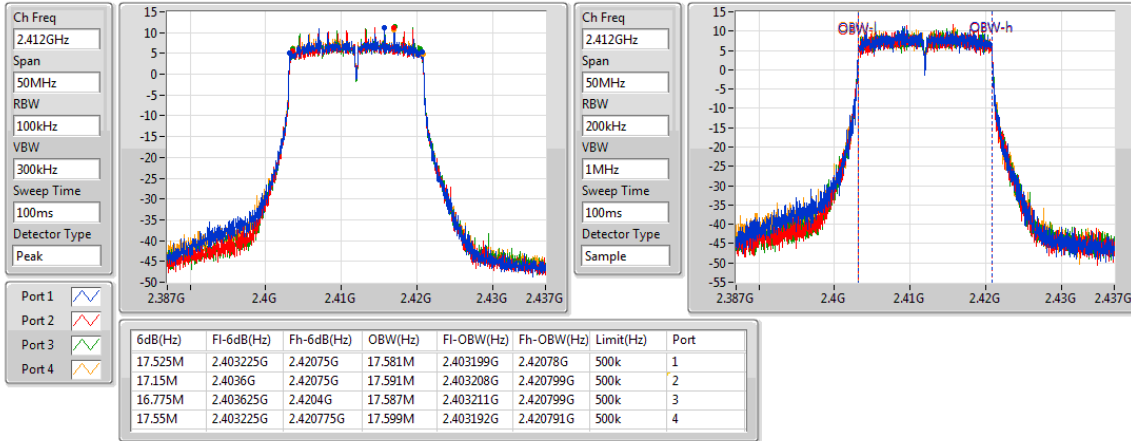

802.11g_Nss1,(6Mbps)_4TX
EBW
2462MHz

26/09/2018

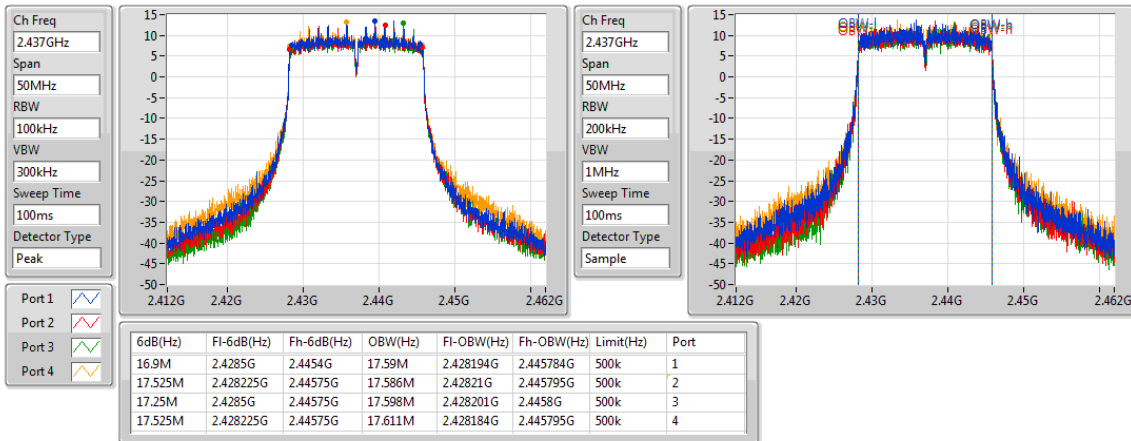


802.11n HT20_Nss1,(MCS0)_4TX
EBW
2412MHz

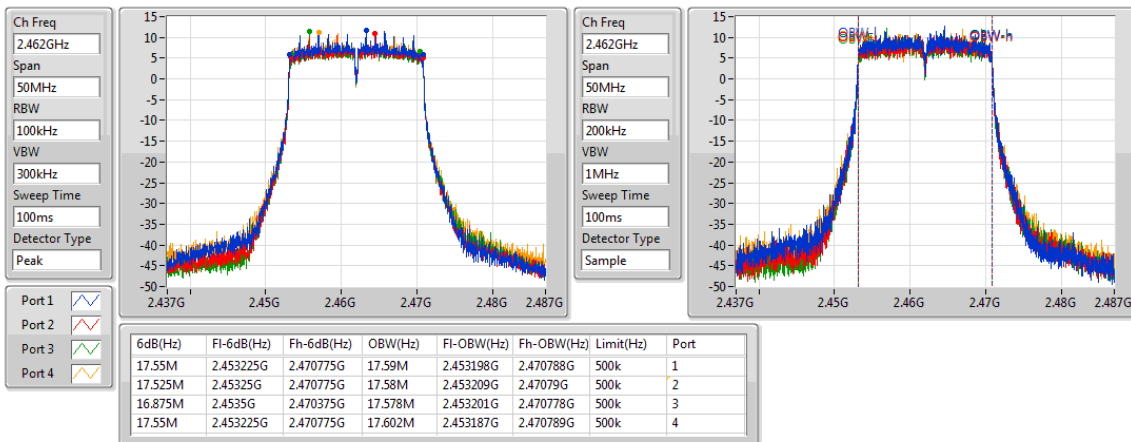
26/09/2018


802.11n HT20_Nss1,(MCS0)_4TX
EBW
2437MHz

26/09/2018

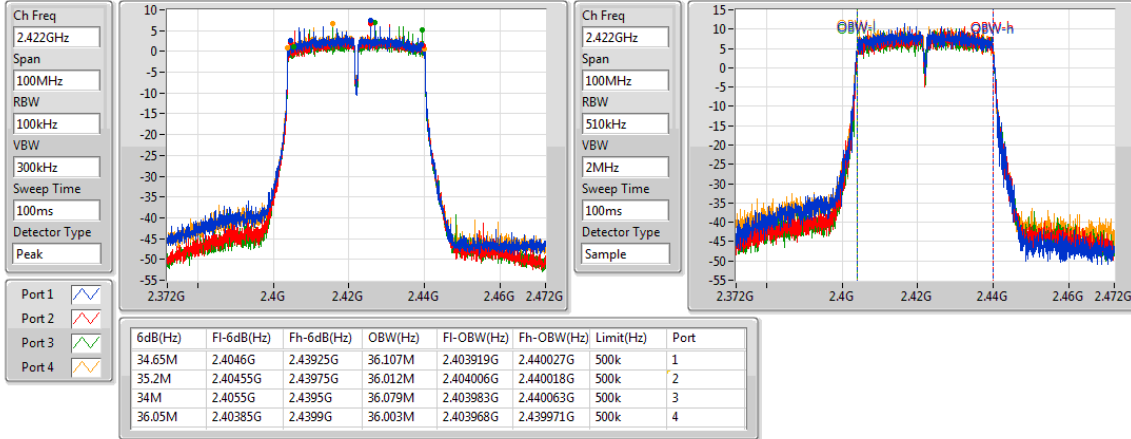

802.11n HT20_Nss1,(MCS0)_4TX
EBW
2462MHz

26/09/2018

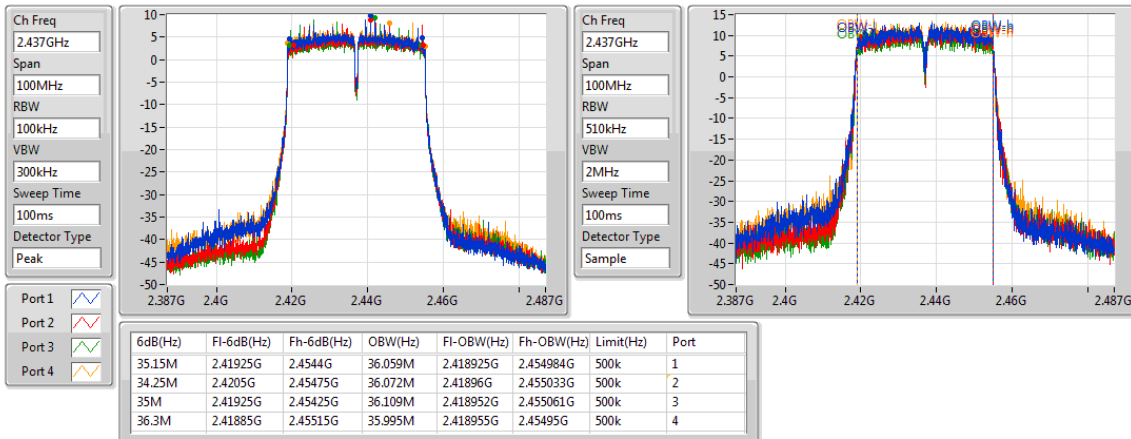


802.11n HT40_Nss1,(MCS0)_4TX
EBW
2422MHz

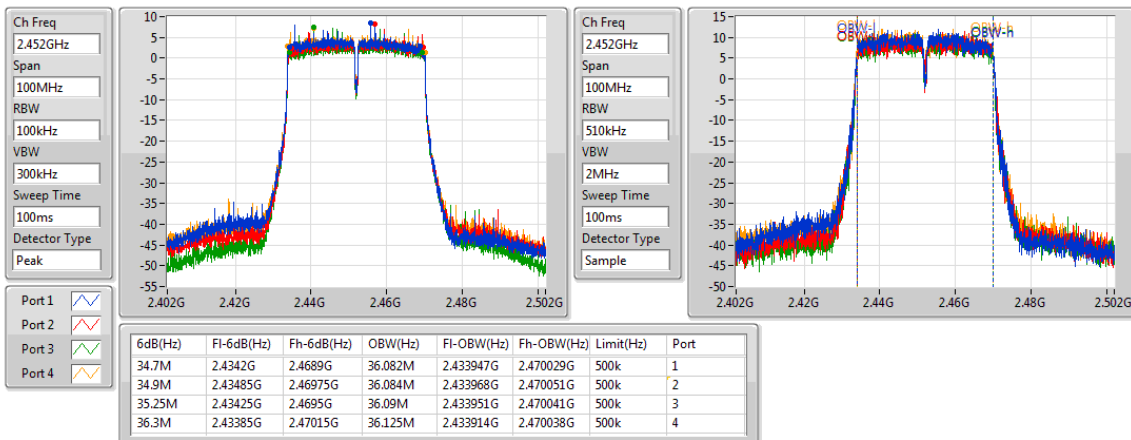
26/09/2018


802.11n HT40_Nss1,(MCS0)_4TX
EBW
2437MHz

26/09/2018


802.11n HT40_Nss1,(MCS0)_4TX
EBW
2452MHz

26/09/2018



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.98	0.79068
802.11g_Nss1,(6Mbps)_4TX	28.96	0.78705
802.11n HT20_Nss1,(MCS0)_4TX	28.82	0.76208
802.11n HT40_Nss1,(MCS0)_4TX	28.73	0.74645

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	22.86	22.35	22.75	22.15	28.56	30.00
2417MHz	Pass	4.00	22.86	22.44	22.78	22.13	28.58	30.00
2422MHz	Pass	4.00	22.90	22.34	22.83	22.26	28.61	30.00
2437MHz	Pass	4.00	22.74	22.19	22.75	22.64	28.61	30.00
2452MHz	Pass	4.00	23.29	22.55	23.09	22.70	28.94	30.00
2457MHz	Pass	4.00	23.24	22.53	23.02	23.03	28.98	30.00
2462MHz	Pass	4.00	23.14	22.49	22.98	23.09	28.95	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	20.69	20.70	20.81	20.47	26.69	30.00
2417MHz	Pass	4.00	22.58	22.52	22.72	22.32	28.56	30.00
2422MHz	Pass	4.00	22.58	22.48	22.54	22.35	28.51	30.00
2427MHz	Pass	4.00	23.10	22.88	22.97	22.82	28.96	30.00
2432MHz	Pass	4.00	23.02	22.84	22.92	22.75	28.90	30.00
2437MHz	Pass	4.00	22.91	22.64	22.99	22.86	28.87	30.00
2442MHz	Pass	4.00	22.91	22.61	22.92	22.80	28.83	30.00
2447MHz	Pass	4.00	22.86	22.62	22.87	22.68	28.78	30.00
2452MHz	Pass	4.00	22.98	22.60	23.04	22.73	28.86	30.00
2457MHz	Pass	4.00	22.12	21.70	22.00	21.88	27.95	30.00
2462MHz	Pass	4.00	20.21	19.69	20.18	20.09	26.07	30.00
802.11n HT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	21.97	21.77	21.85	22.20	27.97	30.00
2417MHz	Pass	4.00	22.42	22.16	22.18	22.52	28.34	30.00
2422MHz	Pass	4.00	22.96	22.65	22.54	23.04	28.82	30.00
2427MHz	Pass	4.00	23.02	22.57	22.45	23.05	28.80	30.00
2432MHz	Pass	4.00	22.99	22.62	22.44	23.09	28.81	30.00
2437MHz	Pass	4.00	22.90	22.32	22.42	23.11	28.72	30.00
2442MHz	Pass	4.00	22.92	22.53	22.35	23.08	28.75	30.00
2447MHz	Pass	4.00	22.97	22.59	22.35	23.10	28.78	30.00
2452MHz	Pass	4.00	22.99	22.52	22.34	23.05	28.76	30.00
2457MHz	Pass	4.00	22.50	21.94	21.81	22.56	28.24	30.00
2462MHz	Pass	4.00	22.60	22.04	21.79	22.70	28.32	30.00
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.00	20.61	20.14	19.77	20.78	26.36	30.00
2427MHz	Pass	4.00	21.53	21.20	20.70	21.75	27.33	30.00
2432MHz	Pass	4.00	22.51	22.05	21.50	22.68	28.23	30.00



AV Power Result

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
2437MHz	Pass	4.00	22.93	22.39	22.02	23.18	28.67	30.00
2442MHz	Pass	4.00	23.06	22.48	22.01	23.20	28.73	30.00
2447MHz	Pass	4.00	21.87	22.02	21.35	22.58	28.00	30.00
2452MHz	Pass	4.00	21.93	21.39	20.75	22.08	27.59	30.00

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

Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.47
802.11g_Nss1,(6Mbps)_4TX	3.15
802.11n HT20_Nss1,(MCS0)_4TX	1.86
802.11n HT40_Nss1,(MCS0)_4TX	-2.19

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	-2.50	-1.32	-2.58	-3.44	2.94	3.98
2437MHz_TnomVnom	Pass	10.02	-2.16	-2.81	0.08	0.05	3.47	3.98
2462MHz_TnomVnom	Pass	10.02	-1.92	-0.01	-0.74	-0.79	2.83	3.98
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	-5.04	-5.23	-4.83	-5.62	0.33	3.98
2437MHz_TnomVnom	Pass	10.02	-2.04	-2.55	-1.26	-2.48	3.15	3.98
2462MHz_TnomVnom	Pass	10.02	-5.57	-6.64	-6.37	-6.79	-2.17	3.98
802.11n HT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	-4.08	-4.07	-3.23	-3.82	0.19	3.98
2437MHz_TnomVnom	Pass	10.02	-2.21	-2.53	-3.21	-1.64	1.86	3.98
2462MHz_TnomVnom	Pass	10.02	-3.50	-4.40	-3.84	-3.68	-0.87	3.98
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	10.02	-8.44	-8.73	-8.00	-8.46	-5.03	3.98
2437MHz_TnomVnom	Pass	10.02	-6.13	-6.42	-6.26	-5.13	-2.19	3.98
2452MHz_TnomVnom	Pass	10.02	-6.82	-7.57	-8.50	-7.15	-3.41	3.98

DG = Directional Gain; RBW=3kHz;

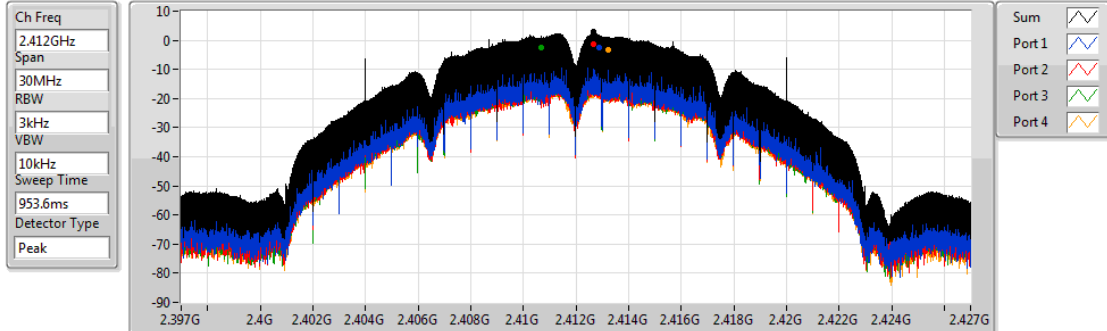
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

26/09/2018



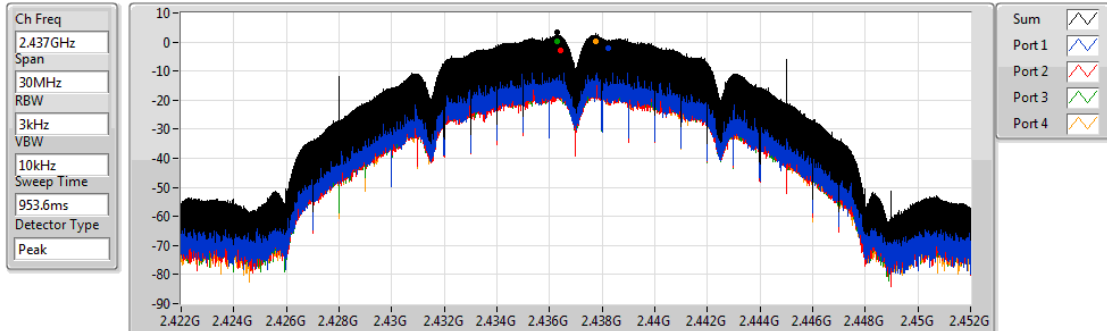
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.94	2.94	-2.50	-1.32	-2.58	-3.44

802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

26/09/2018



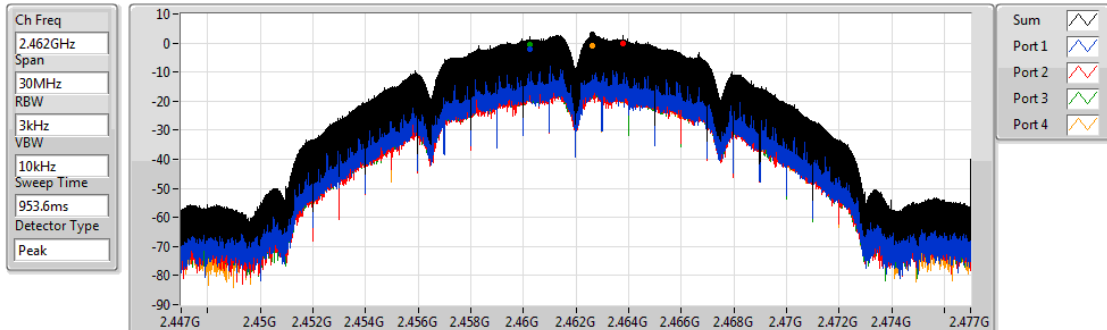
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.47	3.47	-2.16	-2.81	0.08	0.05

802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

26/09/2018



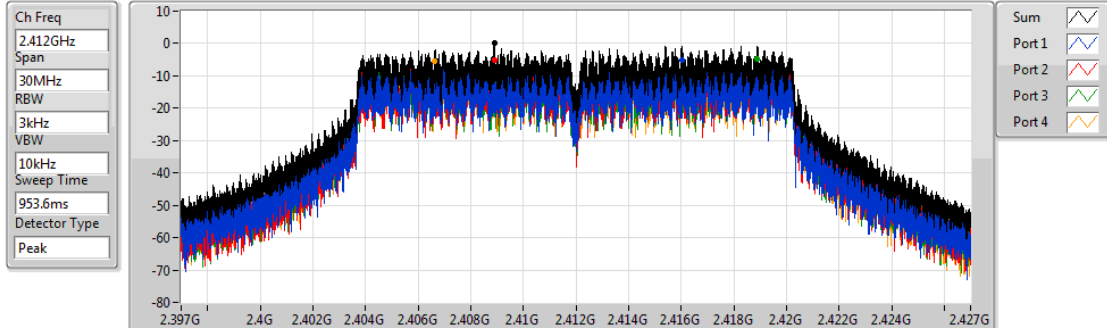
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.83	2.83	-1.92	-0.01	-0.74	-0.79

802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

26/09/2018



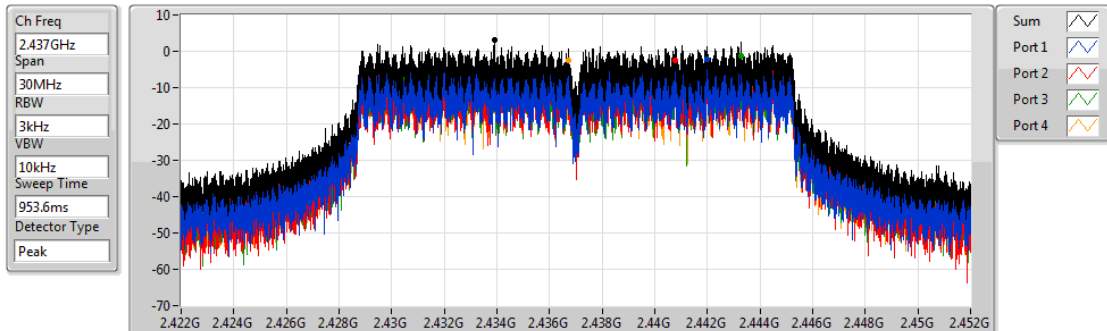
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.33	0.33	-5.04	-5.23	-4.83	-5.62

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

26/09/2018



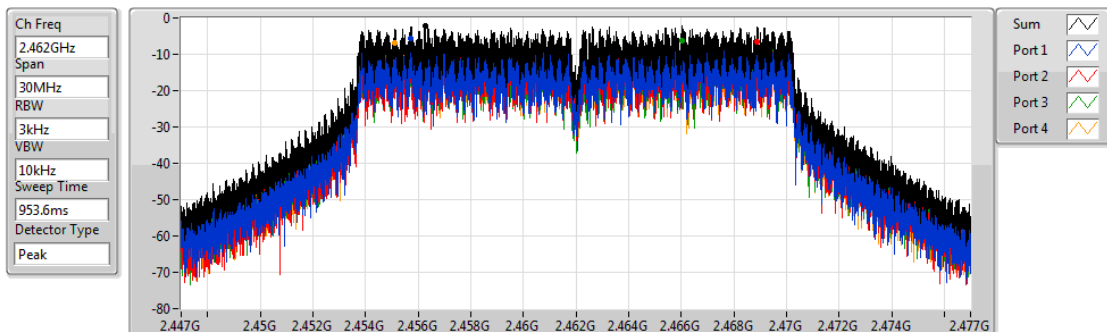
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	-2.04	-2.55	-1.26	-2.48

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

26/09/2018



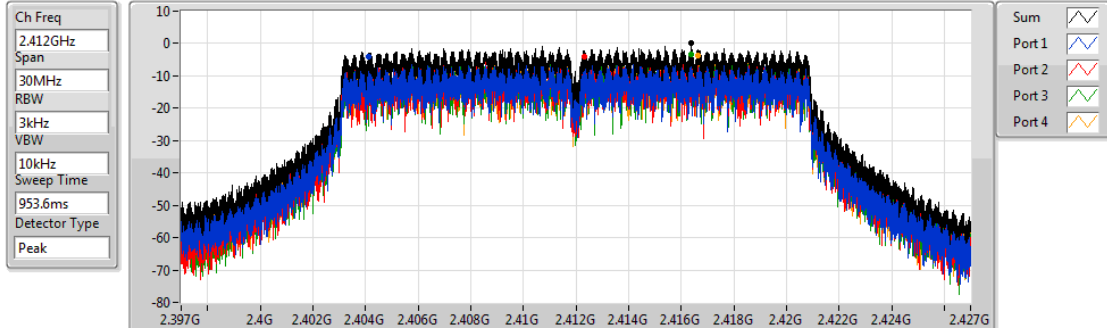
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.17	-2.17	-5.57	-6.64	-6.37	-6.79

802.11n HT20_Nss1,(MCS0)_4TX

PSD

2412MHz

26/09/2018



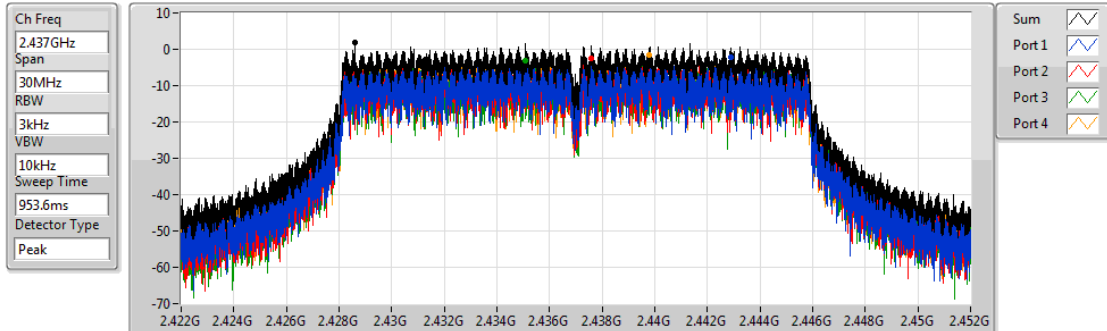
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	-4.08	-4.07	-3.23	-3.82

802.11n HT20_Nss1,(MCS0)_4TX

PSD

2437MHz

26/09/2018



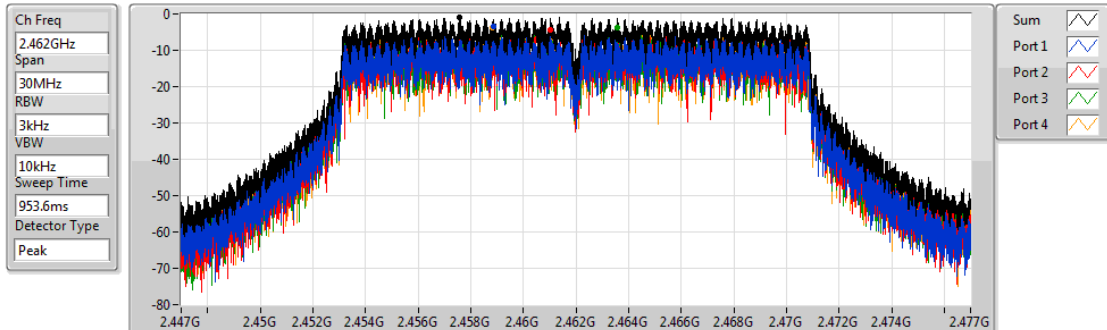
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-2.21	-2.53	-3.21	-1.64

802.11n HT20_Nss1,(MCS0)_4TX

PSD

2462MHz

26/09/2018



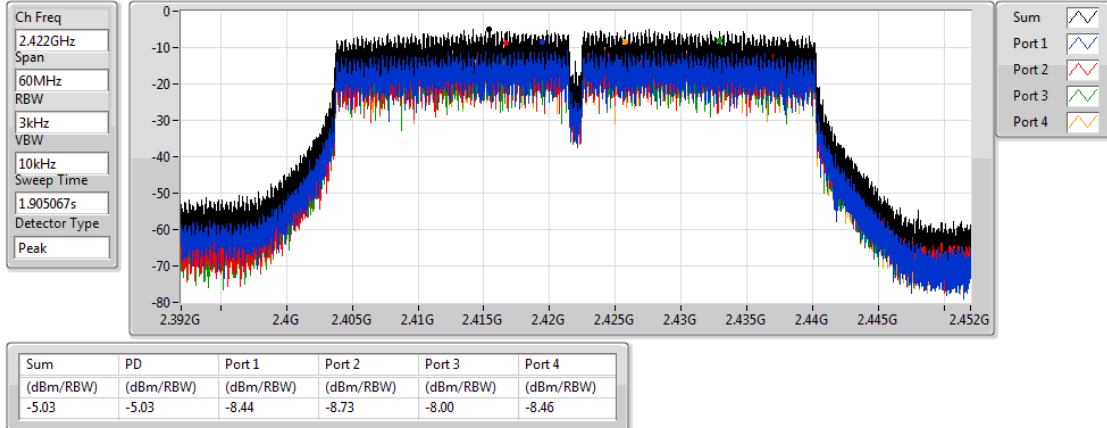
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.87	-0.87	-3.50	-4.40	-3.84	-3.68

802.11n HT40_Nss1,(MCS0)_4TX

PSD

2422MHz

26/09/2018

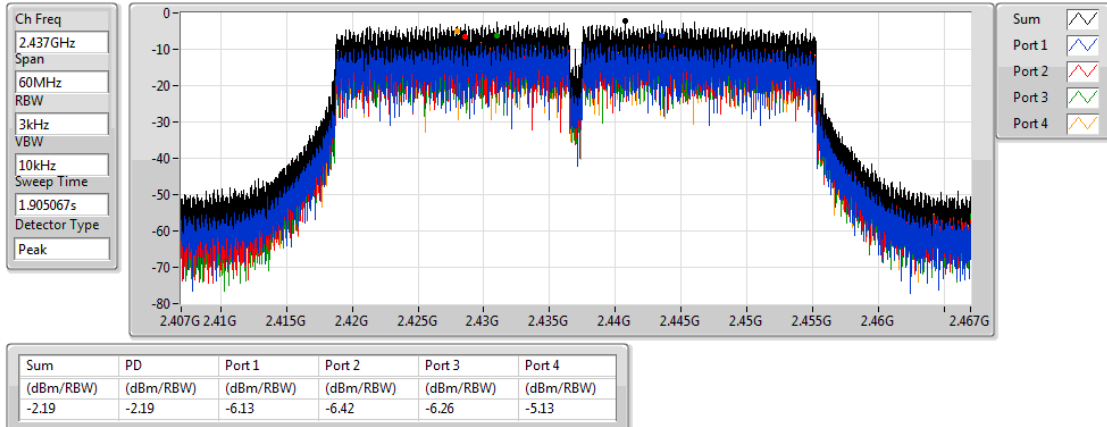


802.11n HT40_Nss1,(MCS0)_4TX

PSD

2437MHz

26/09/2018

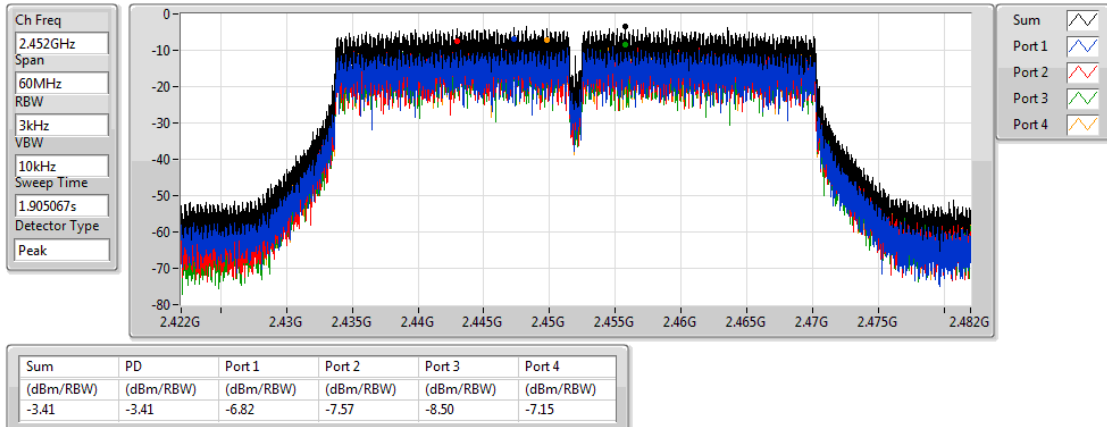


802.11n HT40_Nss1,(MCS0)_4TX

PSD

2452MHz

26/09/2018



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)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.462458G	14.71	-15.29	2.30408G	-57.96	2.39752G	-39.41	2.49598G	-59.51	7.237946G	-49.81	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.444589G	13.94	-16.06	2.309905G	-59.50	2.39976G	-29.17	2.51998G	-52.64	2.529119G	-55.27	3
802.11n HT20_Nss1,(MCS0)_4TX	Pass	2.435738G	9.98	-20.02	2.30874G	-56.86	2.39984G	-30.49	2.4859G	-54.80	7.237946G	-56.44	4
802.11n HT40_Nss1,(MCS0)_4TX	Pass	2.428223G	6.06	-23.94	2.30397G	-54.05	2.39952G	-35.54	2.51806G	-52.52	2.566305G	-56.20	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)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30408G	-57.96	2.39752G	-39.41	2.49598G	-59.51	7.237946G	-49.81	1
2412MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30641G	-64.50	2.39752G	-42.00	2.49294G	-59.10	7.237946G	-50.69	2
2412MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30175G	-64.06	2.39976G	-41.28	2.49598G	-58.87	7.237946G	-49.65	3
2412MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.309905G	-63.06	2.39752G	-41.46	2.50694G	-60.56	7.235136G	-52.22	4
2437MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30408G	-59.65	2.39904G	-57.11	2.49598G	-58.18	24.325705G	-59.79	1
2437MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.302915G	-64.01	2.39944G	-58.30	2.49598G	-58.16	23.207499G	-60.14	2
2437MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.309905G	-62.27	2.39992G	-56.68	2.48398G	-55.69	2.557215G	-58.87	3
2437MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.302915G	-61.60	2.39728G	-58.60	2.49558G	-59.89	24.572947G	-60.23	4
2462MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30408G	-61.81	2.39632G	-59.11	2.48862G	-56.02	24.407182G	-60.35	1
2462MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.309905G	-64.25	2.39992G	-59.76	2.48734G	-55.64	24.030701G	-60.35	2
2462MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.30175G	-64.67	2.396G	-60.85	2.48758G	-55.97	24.401563G	-60.24	3
2462MHz_TnomVnom	Pass	2.462458G	14.71	-15.29	2.309905G	-61.16	2.39616G	-58.50	2.4875G	-50.76	24.643186G	-60.31	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30408G	-54.59	2.39944G	-29.58	2.50798G	-51.84	2.543167G	-57.06	1
2412MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.309905G	-59.57	2.39992G	-32.14	2.51054G	-52.83	7.240755G	-55.76	2
2412MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.309905G	-59.50	2.39976G	-29.17	2.51998G	-52.64	2.529119G	-55.27	3
2412MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.309905G	-57.42	2.39976G	-29.87	2.49222G	-54.43	2.531929G	-56.82	4
2437MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30408G	-54.20	2.39856G	-43.67	2.48454G	-49.57	2.531929G	-56.09	1
2437MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30641G	-60.46	2.39984G	-45.23	2.48422G	-48.47	2.5235G	-53.18	2
2437MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.307575G	-59.16	2.39896G	-44.28	2.48446G	-47.59	2.52631G	-55.23	3
2437MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.309905G	-56.37	2.39824G	-42.21	2.48462G	-50.98	2.531929G	-57.22	4
2462MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30408G	-52.89	2.39584G	-51.00	2.48366G	-44.23	2.529119G	-56.00	1
2462MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30175G	-59.87	2.39952G	-54.17	2.48542G	-49.00	2.52631G	-54.09	2
2462MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.30408G	-57.91	2.39736G	-51.48	2.48494G	-45.49	2.537548G	-54.26	3
2462MHz_TnomVnom	Pass	2.444589G	13.94	-16.06	2.307575G	-56.65	2.3928G	-51.61	2.48414G	-46.27	2.529119G	-55.67	4
802.11n HT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-52.95	2.39984G	-31.69	2.50798G	-53.44	7.237946G	-54.45	1
2412MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30874G	-59.45	2.39984G	-33.04	2.48542G	-52.74	7.246375G	-55.34	2
2412MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-57.06	2.39992G	-32.66	2.4931G	-52.44	2.5235G	-54.33	3
2412MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30874G	-56.86	2.39984G	-30.49	2.4859G	-54.80	7.237946G	-56.44	4
2437MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-52.56	2.39992G	-48.78	2.48974G	-53.17	2.529119G	-55.96	1
2437MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30175G	-59.60	2.39976G	-50.41	2.48998G	-52.39	2.529119G	-55.14	2
2437MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-59.07	2.39888G	-51.41	2.4907G	-52.93	2.5235G	-56.90	3
2437MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.305245G	-57.12	2.39952G	-46.54	2.4839G	-51.56	2.529119G	-56.77	4
2462MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-51.36	2.39408G	-52.01	2.48446G	-46.32	2.5235G	-55.97	1
2462MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.307575G	-60.02	2.39768G	-54.10	2.48382G	-47.07	2.5235G	-55.95	2
2462MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.30408G	-59.78	2.39744G	-54.00	2.48478G	-44.74	2.52631G	-55.58	3
2462MHz_TnomVnom	Pass	2.435738G	9.98	-20.02	2.300585G	-57.26	2.39976G	-52.32	2.48358G	-46.11	2.52631G	-53.99	4

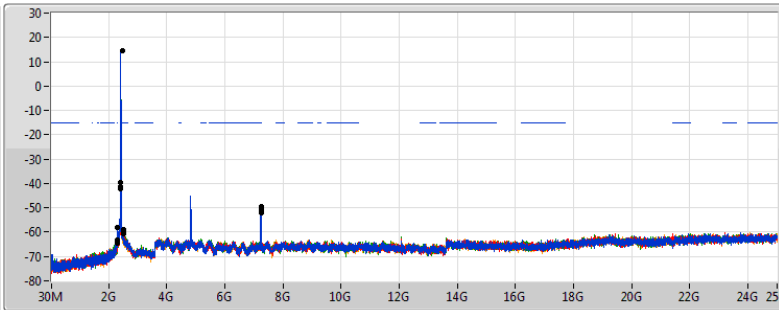
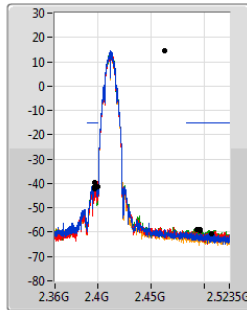
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30397G	-54.05	2.39952G	-35.54	2.51806G	-52.52	2.566305G	-56.20	1
2422MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30397G	-57.88	2.39968G	-38.59	2.49422G	-52.31	2.5635G	-56.72	2
2422MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.307405G	-59.46	2.39984G	-38.86	2.5411G	-49.86	2.566305G	-57.35	3
2422MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30168G	-56.19	2.39952G	-35.92	2.48622G	-53.19	2.577523G	-58.82	4
2437MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30397G	-54.20	2.39952G	-40.18	2.48446G	-46.56	2.580327G	-55.45	1
2437MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30397G	-58.95	2.39856G	-44.78	2.48446G	-47.98	2.5635G	-57.52	2
2437MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30626G	-60.01	2.39824G	-45.68	2.48446G	-48.32	2.5635G	-56.12	3
2437MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.307405G	-55.59	2.39856G	-40.04	2.4851G	-45.36	2.566305G	-57.86	4
2452MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30855G	-46.90	2.39984G	-49.20	2.48606G	-43.42	2.569109G	-56.47	1
2452MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.305115G	-60.13	2.39952G	-48.68	2.48446G	-40.61	2.574718G	-56.86	2
2452MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30855G	-60.09	2.39952G	-51.49	2.48478G	-44.25	2.580327G	-56.43	3
2452MHz_TnomVnom	Pass	2.428223G	6.06	-23.94	2.30626G	-55.98	2.39952G	-47.03	2.48718G	-41.97	2.571914G	-57.81	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2412MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

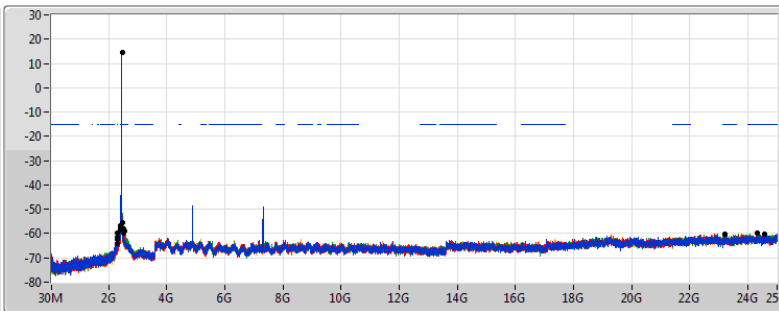
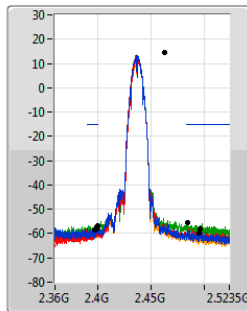
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	14.71	-15.29	2.30408G	-57.96	2.39752G	-39.41	2.49598G	-59.51	7.237946G	-49.81	1
2.462458G	14.71	-15.29	2.30641G	-64.50	2.39752G	-42.00	2.49294G	-59.10	7.237946G	-50.69	2
2.462458G	14.71	-15.29	2.30175G	-64.06	2.39976G	-41.28	2.49598G	-58.87	7.237946G	-49.65	3
2.462458G	14.71	-15.29	2.309905G	-63.06	2.39752G	-41.46	2.50694G	-60.56	7.235136G	-52.22	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2437MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

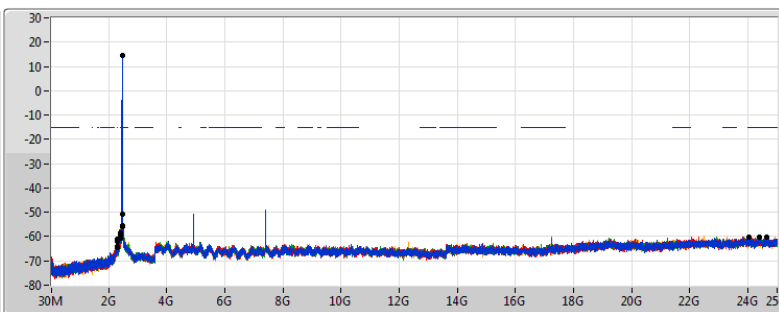
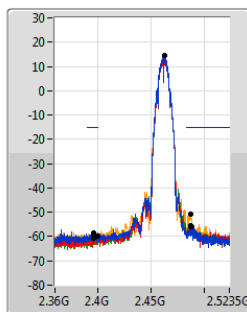
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	14.71	-15.29	2.30408G	-59.65	2.39904G	-57.11	2.49598G	-58.18	24.325705G	-59.79	1
2.462458G	14.71	-15.29	2.302915G	-64.01	2.39944G	-58.30	2.49598G	-58.16	23.207499G	-60.14	2
2.462458G	14.71	-15.29	2.309905G	-62.27	2.39992G	-56.68	2.48398G	-55.69	2.557215G	-58.87	3
2.462458G	14.71	-15.29	2.302915G	-61.60	2.39728G	-58.60	2.49558G	-59.89	24.572947G	-60.23	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2462MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

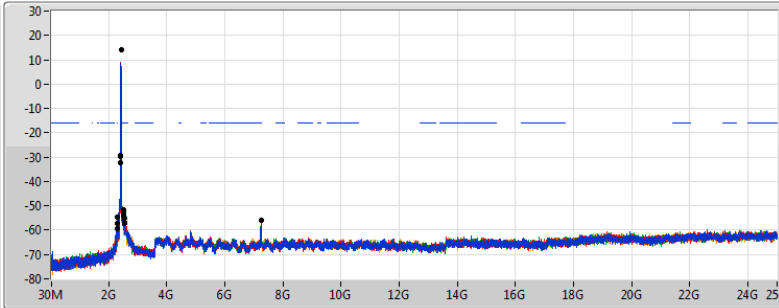
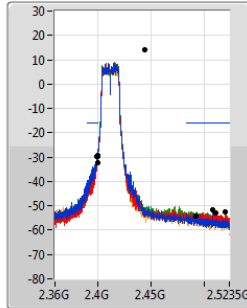
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	14.71	-15.29	2.30408G	-61.81	2.39632G	-59.11	2.48862G	-56.02	24.407182G	-60.35	1
2.462458G	14.71	-15.29	2.309905G	-64.25	2.39992G	-59.76	2.48734G	-55.64	24.030701G	-60.35	2
2.462458G	14.71	-15.29	2.30175G	-64.67	2.396G	-60.85	2.48758G	-55.97	24.401563G	-60.24	3
2.462458G	14.71	-15.29	2.309905G	-61.16	2.39616G	-58.50	2.4875G	-50.76	24.643186G	-60.31	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2412MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

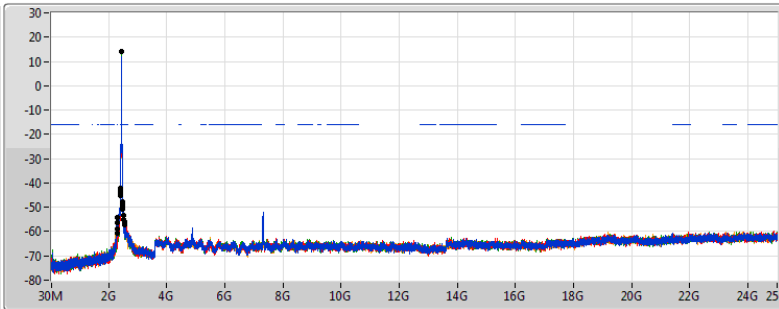
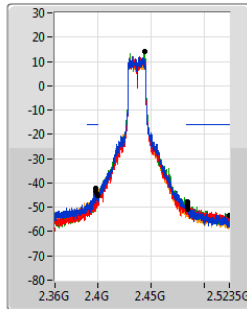
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444589G	13.94	-16.06	2.30408G	-54.59	2.39944G	-29.58	2.50798G	-51.84	2.543167G	-57.06	1
2.444589G	13.94	-16.06	2.309905G	-59.57	2.39992G	-32.14	2.51054G	-52.83	7.240735G	-55.76	2
2.444589G	13.94	-16.06	2.309905G	-59.50	2.39976G	-29.17	2.51998G	-52.64	2.529119G	-55.27	3
2.444589G	13.94	-16.06	2.309905G	-57.42	2.39976G	-29.87	2.49222G	-54.43	2.531929G	-56.82	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2437MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

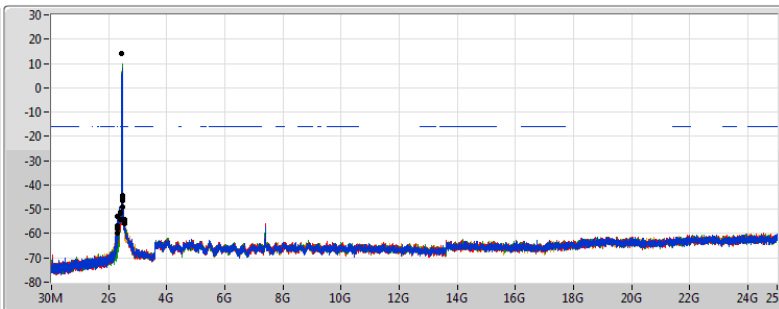
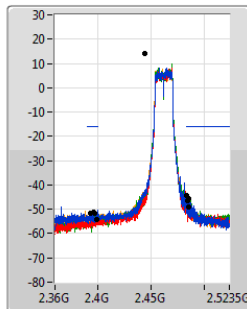
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444589G	13.94	-16.06	2.30408G	-54.20	2.39856G	-43.67	2.48454G	-49.57	2.531929G	-56.09	1
2.444589G	13.94	-16.06	2.30641G	-60.46	2.39984G	-45.23	2.48422G	-48.47	2.5235G	-53.18	2
2.444589G	13.94	-16.06	2.307575G	-59.16	2.39896G	-44.28	2.48446G	-47.59	2.52631G	-55.23	3
2.444589G	13.94	-16.06	2.309905G	-56.37	2.39824G	-42.21	2.48462G	-50.98	2.531929G	-57.22	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2462MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

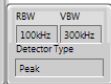
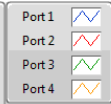
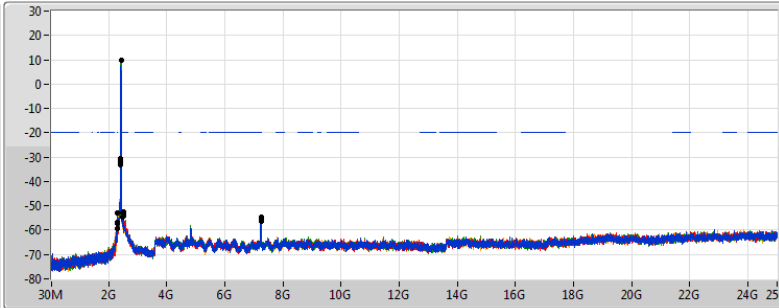
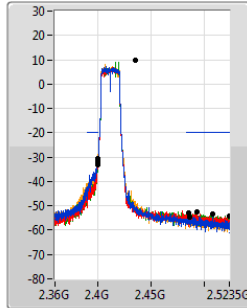
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.444589G	13.94	-16.06	2.30408G	-52.89	2.39584G	-51.00	2.48366G	-44.23	2.529119G	-56.00	1
2.444589G	13.94	-16.06	2.30175G	-59.87	2.39952G	-54.17	2.48542G	-49.00	2.52631G	-54.09	2
2.444589G	13.94	-16.06	2.30408G	-57.91	2.39736G	-51.48	2.48494G	-45.49	2.537548G	-54.26	3
2.444589G	13.94	-16.06	2.307575G	-56.65	2.3928G	-51.61	2.48414G	-46.27	2.529119G	-55.67	4

802.11n HT20_Nss1,(MCS0)_4TX

CSE NdB

2412MHz

26/09/2018



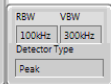
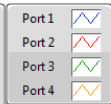
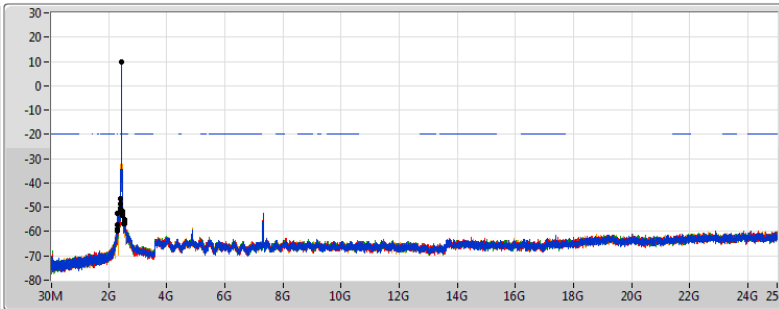
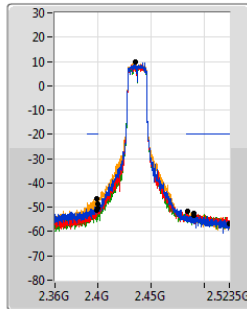
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.98	-20.02	2.30408G	-52.95	2.39984G	-31.69	2.50798G	-53.44	7.237946G	-54.45	1
2.435738G	9.98	-20.02	2.30874G	-59.45	2.39984G	-33.04	2.48542G	-52.74	7.246375G	-55.34	2
2.435738G	9.98	-20.02	2.30408G	-57.06	2.39992G	-32.66	2.4931G	-52.44	2.5235G	-54.33	3
2.435738G	9.98	-20.02	2.30874G	-56.86	2.39984G	-30.49	2.4859G	-54.80	7.237946G	-56.44	4

802.11n HT20_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

26/09/2018



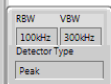
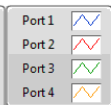
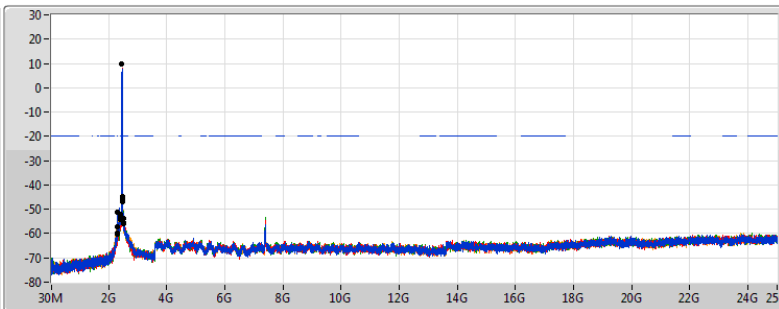
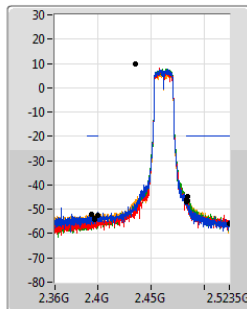
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.98	-20.02	2.30408G	-52.56	2.39992G	-48.78	2.48974G	-53.17	2.529119G	-55.96	1
2.435738G	9.98	-20.02	2.30175G	-59.60	2.39976G	-50.41	2.48998G	-52.39	2.529119G	-55.14	2
2.435738G	9.98	-20.02	2.30408G	-59.07	2.39888G	-51.41	2.4907G	-52.93	2.5235G	-56.90	3
2.435738G	9.98	-20.02	2.305245G	-57.12	2.39952G	-46.54	2.4839G	-51.56	2.529119G	-56.77	4

802.11n HT20_Nss1,(MCS0)_4TX

CSE NdB

2462MHz

26/09/2018



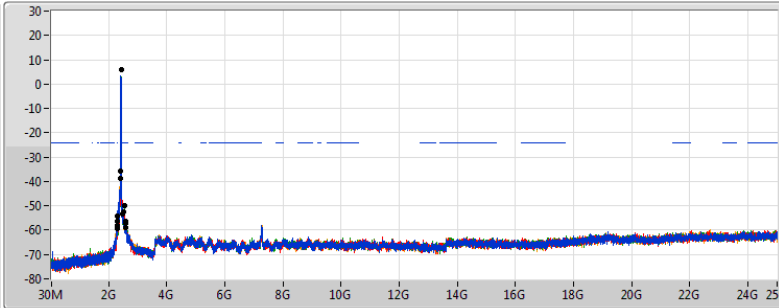
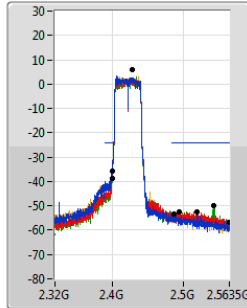
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.435738G	9.98	-20.02	2.30408G	-51.36	2.39408G	-52.01	2.48446G	-46.32	2.5235G	-55.97	1
2.435738G	9.98	-20.02	2.307575G	-60.02	2.39768G	-54.10	2.48382G	-47.07	2.5235G	-55.95	2
2.435738G	9.98	-20.02	2.30408G	-59.78	2.39744G	-54.00	2.48478G	-44.74	2.52631G	-55.58	3
2.435738G	9.98	-20.02	2.300585G	-57.26	2.39976G	-52.32	2.48358G	-46.11	2.52631G	-53.99	4

802.11n HT40_Nss1,(MCS0)_4TX

CSE NdB

2422MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

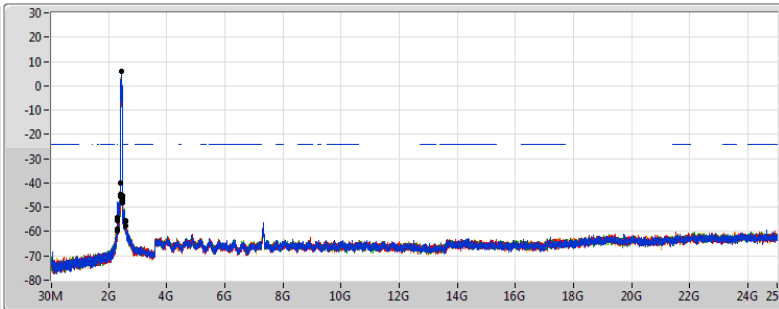
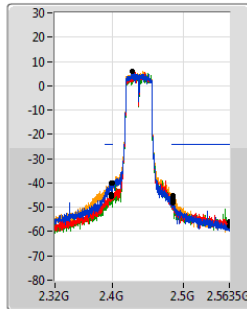
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	6.06	-23.94	2.30397G	-54.05	2.39952G	-35.54	2.51806G	-52.52	2.566305G	-56.20	1
2.428223G	6.06	-23.94	2.30397G	-57.88	2.39968G	-38.59	2.49422G	-52.31	2.5635G	-56.72	2
2.428223G	6.06	-23.94	2.307405G	-59.46	2.39984G	-38.86	2.5411G	-49.86	2.566305G	-57.35	3
2.428223G	6.06	-23.94	2.30168G	-56.19	2.39952G	-35.92	2.48622G	-53.19	2.577523G	-58.82	4

802.11n HT40_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

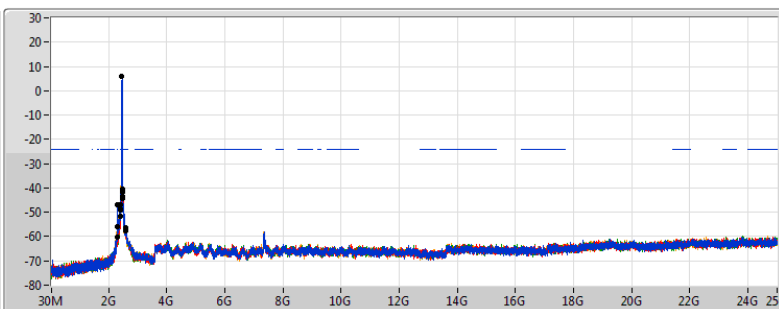
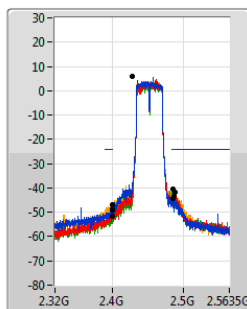
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	6.06	-23.94	2.30397G	-54.20	2.39952G	-40.18	2.48446G	-46.56	2.580327G	-55.45	1
2.428223G	6.06	-23.94	2.30397G	-58.95	2.39856G	-44.78	2.48446G	-47.98	2.5635G	-57.52	2
2.428223G	6.06	-23.94	2.30626G	-60.01	2.39824G	-45.68	2.48446G	-48.32	2.5635G	-56.12	3
2.428223G	6.06	-23.94	2.307405G	-55.59	2.39856G	-40.04	2.4851G	-45.36	2.566305G	-57.86	4

802.11n HT40_Nss1,(MCS0)_4TX

CSE NdB

2452MHz

26/09/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	6.06	-23.94	2.30855G	-46.90	2.39984G	-49.20	2.48606G	-43.42	2.569109G	-56.47	1
2.428223G	6.06	-23.94	2.305115G	-60.13	2.39952G	-48.68	2.48446G	-40.61	2.574718G	-56.86	2
2.428223G	6.06	-23.94	2.30855G	-60.09	2.39952G	-51.49	2.48478G	-44.25	2.580327G	-56.43	3
2.428223G	6.06	-23.94	2.30626G	-55.98	2.39952G	-47.03	2.48718G	-41.97	2.571914G	-57.81	4



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_4TX	Pass	QP	123.12M	40.34	43.50	-3.16	-8.39	3	Vertical	161	1.07	-

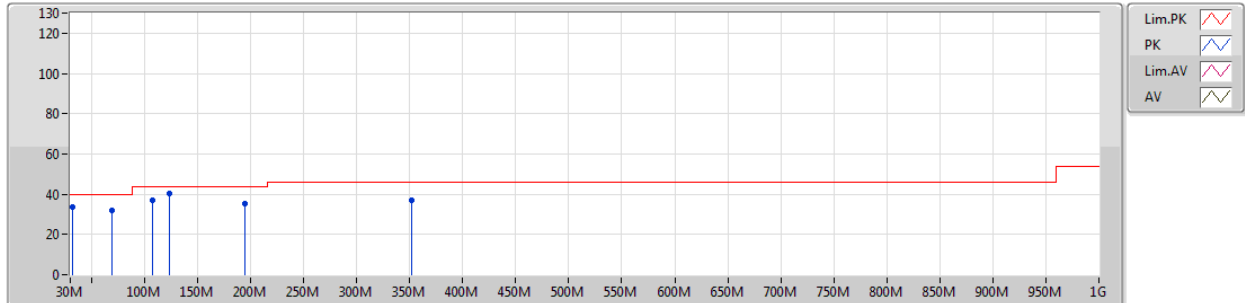
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	352.04M	37.16	46.00	-8.84	-4.16	3	Vertical	0	1.00	-
2437MHz	Pass	QP	31.94M	33.87	40.00	-6.13	-5.09	3	Vertical	164	1.10	-
2437MHz	Pass	QP	68.8M	31.83	40.00	-8.17	-14.92	3	Vertical	275	1.52	-
2437MHz	Pass	QP	107.6M	36.83	43.50	-6.67	-8.95	3	Vertical	173	1.26	-
2437MHz	Pass	QP	123.12M	40.34	43.50	-3.16	-8.39	3	Vertical	161	1.07	-
2437MHz	Pass	QP	194.9M	35.24	43.50	-8.26	-10.28	3	Vertical	220	1.03	-
2437MHz	Pass	PK	103.72M	39.64	43.50	-3.86	-9.44	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	359.8M	35.62	46.00	-10.38	-3.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	573.2M	34.37	46.00	-11.63	-0.45	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	1G	35.89	54.00	-18.11	4.61	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	31.94M	35.78	40.00	-4.22	-5.09	3	Horizontal	173	1.25	-
2437MHz	Pass	QP	127M	40.24	43.50	-3.26	-8.49	3	Horizontal	105	2.65	-

802.11n HT40_Nss1,(MCS0)_4TX

23/11/2018

2437MHz_Switching Power Supply

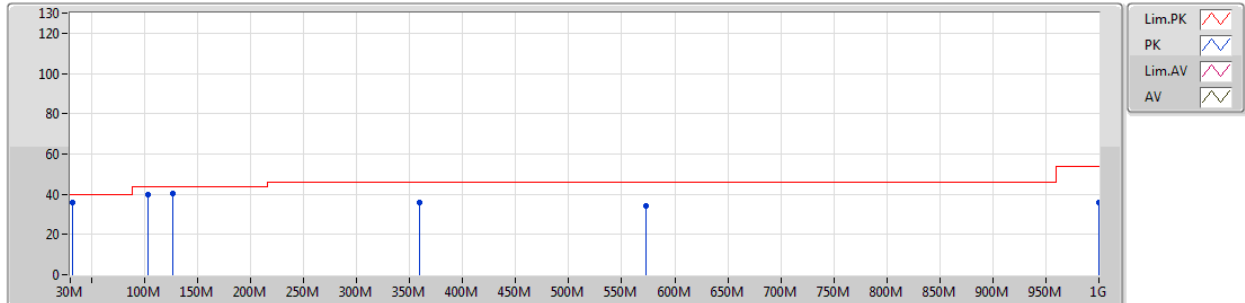


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	352.04M	37.16	46.00	-8.84	-4.16	3	Vertical	0	1.00	-
QP	31.94M	33.87	40.00	-6.13	-5.09	3	Vertical	164	1.10	-
QP	68.8M	31.83	40.00	-8.17	-14.92	3	Vertical	275	1.52	-
QP	107.6M	36.83	43.50	-6.67	-8.95	3	Vertical	173	1.26	-
QP	123.12M	40.34	43.50	-3.16	-8.39	3	Vertical	161	1.07	-
QP	194.9M	35.24	43.50	-8.26	-10.28	3	Vertical	220	1.03	-

802.11n HT40_Nss1,(MCS0)_4TX

23/11/2018

2437MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	103.72M	39.64	43.50	-3.86	-9.44	3	Horizontal	360	1.00	-
PK	359.8M	35.62	46.00	-10.38	-3.97	3	Horizontal	360	1.00	-
PK	573.2M	34.37	46.00	-11.63	-0.45	3	Horizontal	360	1.00	-
PK	1G	35.89	54.00	-18.11	4.61	3	Horizontal	360	1.00	-
QP	31.94M	35.78	40.00	-4.22	-5.09	3	Horizontal	173	1.25	-
QP	127M	40.24	43.50	-3.26	-8.49	3	Horizontal	105	2.65	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.3862G	53.88	54.00	-0.12	30.76	3	Horizontal	216	1.86	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.3894G	53.88	54.00	-0.12	30.37	3	Horizontal	144	1.64	-
802.11n HT20_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.52	54.00	-0.48	30.77	3	Horizontal	201	1.91	-
802.11n HT40_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.79	54.00	-0.21	30.77	3	Horizontal	204	1.62	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3852G	48.74	54.00	-5.26	30.36	3	Vertical	193	1.17	-
2412MHz	Pass	AV	2.4112G	113.44	Inf	-Inf	30.45	3	Vertical	193	1.17	-
2412MHz	Pass	PK	2.384G	58.41	74.00	-15.59	30.36	3	Vertical	193	1.17	-
2412MHz	Pass	PK	2.411G	117.23	Inf	-Inf	30.45	3	Vertical	193	1.17	-
2412MHz	Pass	AV	2.3852G	53.10	54.00	-0.90	30.36	3	Horizontal	142	1.49	-
2412MHz	Pass	AV	2.41G	119.40	Inf	-Inf	30.44	3	Horizontal	142	1.49	-
2412MHz	Pass	PK	2.3888G	62.07	74.00	-11.93	30.37	3	Horizontal	142	1.49	-
2412MHz	Pass	PK	2.413G	122.99	Inf	-Inf	30.45	3	Horizontal	142	1.49	-
2412MHz	Pass	AV	4.82398G	46.00	54.00	-8.00	5.89	3	Vertical	169	1.44	-
2412MHz	Pass	PK	4.8239G	50.54	74.00	-23.46	5.89	3	Vertical	169	1.44	-
2412MHz	Pass	AV	4.82394G	49.01	54.00	-4.99	5.89	3	Horizontal	172	1.38	-
2412MHz	Pass	PK	4.824G	52.35	74.00	-21.65	5.89	3	Horizontal	172	1.38	-
2417MHz	Pass	AV	2.3882G	50.79	54.00	-3.21	30.77	3	Vertical	60	1.04	-
2417MHz	Pass	AV	2.4162G	111.28	Inf	-Inf	30.87	3	Vertical	60	1.04	-
2417MHz	Pass	PK	2.388G	59.17	74.00	-14.83	30.77	3	Vertical	60	1.04	-
2417MHz	Pass	PK	2.4164G	113.92	Inf	-Inf	30.87	3	Vertical	60	1.04	-
2417MHz	Pass	AV	2.39G	53.84	54.00	-0.16	30.77	3	Horizontal	205	1.46	-
2417MHz	Pass	AV	2.4162G	112.36	Inf	-Inf	30.87	3	Horizontal	205	1.46	-
2417MHz	Pass	PK	2.39G	61.31	74.00	-12.69	30.77	3	Horizontal	205	1.46	-
2417MHz	Pass	PK	2.4174G	115.75	Inf	-Inf	30.87	3	Horizontal	205	1.46	-
2422MHz	Pass	AV	2.384G	49.43	54.00	-4.57	30.76	3	Vertical	69	2.24	-
2422MHz	Pass	AV	2.4212G	111.21	Inf	-Inf	30.89	3	Vertical	69	2.24	-
2422MHz	Pass	PK	2.3882G	58.87	74.00	-15.13	30.77	3	Vertical	69	2.24	-
2422MHz	Pass	PK	2.4212G	113.72	Inf	-Inf	30.89	3	Vertical	69	2.24	-
2422MHz	Pass	AV	2.3862G	53.88	54.00	-0.12	30.76	3	Horizontal	216	1.86	-
2422MHz	Pass	AV	2.418G	113.63	Inf	-Inf	30.87	3	Horizontal	216	1.86	-
2422MHz	Pass	PK	2.3866G	61.63	74.00	-12.37	30.76	3	Horizontal	216	1.86	-
2422MHz	Pass	PK	2.4254G	117.08	Inf	-Inf	30.90	3	Horizontal	216	1.86	-
2437MHz	Pass	AV	2.3898G	43.95	54.00	-10.05	30.38	3	Vertical	199	1.01	-
2437MHz	Pass	AV	2.4378G	113.22	Inf	-Inf	30.54	3	Vertical	199	1.01	-
2437MHz	Pass	AV	2.4835G	43.78	54.00	-10.22	30.69	3	Vertical	199	1.01	-
2437MHz	Pass	PK	2.389G	54.75	74.00	-19.25	30.37	3	Vertical	199	1.01	-
2437MHz	Pass	PK	2.4378G	115.48	Inf	-Inf	30.54	3	Vertical	199	1.01	-
2437MHz	Pass	PK	2.4966G	55.39	74.00	-18.61	30.74	3	Vertical	199	1.01	-
2437MHz	Pass	AV	2.3866G	45.74	54.00	-8.26	30.37	3	Horizontal	120	2.08	-
2437MHz	Pass	AV	2.4362G	119.37	Inf	-Inf	30.54	3	Horizontal	120	2.08	-
2437MHz	Pass	AV	2.495G	45.34	54.00	-8.66	30.74	3	Horizontal	120	2.08	-
2437MHz	Pass	PK	2.3818G	59.47	74.00	-14.53	30.35	3	Horizontal	120	2.08	-
2437MHz	Pass	PK	2.4378G	123.14	Inf	-Inf	30.54	3	Horizontal	120	2.08	-
2437MHz	Pass	PK	2.4918G	61.30	74.00	-12.70	30.72	3	Horizontal	120	2.08	-
2437MHz	Pass	AV	4.87396G	48.81	54.00	-5.19	6.00	3	Vertical	141	1.30	-
2437MHz	Pass	AV	7.31166G	44.11	54.00	-9.89	11.22	3	Vertical	184	1.35	-
2437MHz	Pass	PK	4.874G	53.29	74.00	-20.71	6.00	3	Vertical	141	1.30	-
2437MHz	Pass	PK	7.31208G	53.55	74.00	-20.45	11.22	3	Vertical	184	1.35	-
2437MHz	Pass	AV	4.87398G	51.11	54.00	-2.89	6.00	3	Horizontal	143	1.50	-
2437MHz	Pass	AV	7.31172G	47.01	54.00	-6.99	11.22	3	Horizontal	98	1.65	-
2437MHz	Pass	PK	4.87394G	54.82	74.00	-19.18	6.00	3	Horizontal	143	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	7.30986G	54.92	74.00	-19.08	11.22	3	Horizontal	98	1.65	-
2452MHz	Pass	AV	2.4512G	111.38	Inf	-Inf	30.99	3	Vertical	88	1.49	-
2452MHz	Pass	AV	2.4842G	48.44	54.00	-5.56	31.12	3	Vertical	88	1.49	-
2452MHz	Pass	PK	2.4528G	114.14	Inf	-Inf	31.00	3	Vertical	88	1.49	-
2452MHz	Pass	PK	2.485G	59.68	74.00	-14.32	31.12	3	Vertical	88	1.49	-
2452MHz	Pass	AV	2.4512G	112.62	Inf	-Inf	30.99	3	Horizontal	204	1.50	-
2452MHz	Pass	AV	2.484G	51.94	54.00	-2.06	31.12	3	Horizontal	204	1.50	-
2452MHz	Pass	PK	2.4518G	116.00	Inf	-Inf	31.00	3	Horizontal	204	1.50	-
2452MHz	Pass	PK	2.485G	60.54	74.00	-13.46	31.12	3	Horizontal	204	1.50	-
2457MHz	Pass	AV	2.4562G	111.48	Inf	-Inf	31.01	3	Vertical	77	1.90	-
2457MHz	Pass	AV	2.4836G	51.15	54.00	-2.85	31.11	3	Vertical	77	1.90	-
2457MHz	Pass	PK	2.4578G	114.24	Inf	-Inf	31.02	3	Vertical	77	1.90	-
2457MHz	Pass	PK	2.4835G	59.83	74.00	-14.17	31.11	3	Vertical	77	1.90	-
2457MHz	Pass	AV	2.4562G	112.58	Inf	-Inf	31.01	3	Horizontal	216	1.82	-
2457MHz	Pass	AV	2.4835G	52.66	54.00	-1.34	31.11	3	Horizontal	216	1.82	-
2457MHz	Pass	PK	2.4574G	116.00	Inf	-Inf	31.02	3	Horizontal	216	1.82	-
2457MHz	Pass	PK	2.4835G	61.24	74.00	-12.76	31.11	3	Horizontal	216	1.82	-
2462MHz	Pass	AV	2.4612G	110.52	Inf	-Inf	30.62	3	Vertical	3	1.03	-
2462MHz	Pass	AV	2.4835G	47.21	54.00	-6.79	30.69	3	Vertical	3	1.03	-
2462MHz	Pass	PK	2.461G	114.35	Inf	-Inf	30.62	3	Vertical	3	1.03	-
2462MHz	Pass	PK	2.4838G	57.78	74.00	-16.22	30.69	3	Vertical	3	1.03	-
2462MHz	Pass	AV	2.4612G	119.06	Inf	-Inf	30.62	3	Horizontal	135	1.62	-
2462MHz	Pass	AV	2.4835G	53.12	54.00	-0.88	30.69	3	Horizontal	135	1.62	-
2462MHz	Pass	PK	2.463G	122.86	Inf	-Inf	30.62	3	Horizontal	135	1.62	-
2462MHz	Pass	PK	2.4835G	62.66	74.00	-11.34	30.69	3	Horizontal	135	1.62	-
2462MHz	Pass	AV	4.92396G	46.44	54.00	-7.56	6.09	3	Vertical	165	1.43	-
2462MHz	Pass	AV	7.38522G	42.81	54.00	-11.19	11.42	3	Vertical	254	1.49	-
2462MHz	Pass	PK	4.92402G	51.33	74.00	-22.67	6.09	3	Vertical	165	1.43	-
2462MHz	Pass	PK	7.38654G	53.29	74.00	-20.71	11.43	3	Vertical	254	1.49	-
2462MHz	Pass	AV	4.92396G	47.75	54.00	-6.25	6.09	3	Horizontal	141	1.47	-
2462MHz	Pass	AV	7.38522G	44.30	54.00	-9.70	11.42	3	Horizontal	283	2.97	-
2462MHz	Pass	PK	4.92404G	51.96	74.00	-22.04	6.09	3	Horizontal	141	1.47	-
2462MHz	Pass	PK	7.38504G	53.91	74.00	-20.09	11.42	3	Horizontal	283	2.97	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3856G	46.65	54.00	-7.35	30.37	3	Vertical	203	1.85	-
2412MHz	Pass	AV	2.4054G	103.24	Inf	-Inf	30.43	3	Vertical	203	1.85	-
2412MHz	Pass	PK	2.3858G	66.47	74.00	-7.53	30.37	3	Vertical	203	1.85	-
2412MHz	Pass	PK	2.4052G	112.60	Inf	-Inf	30.43	3	Vertical	203	1.85	-
2412MHz	Pass	AV	2.39G	51.02	54.00	-2.98	30.38	3	Horizontal	144	1.54	-
2412MHz	Pass	AV	2.413G	108.05	Inf	-Inf	30.45	3	Horizontal	144	1.54	-
2412MHz	Pass	PK	2.39G	73.06	74.00	-0.94	30.38	3	Horizontal	144	1.54	-
2412MHz	Pass	PK	2.4134G	117.59	Inf	-Inf	30.45	3	Horizontal	144	1.54	-
2412MHz	Pass	AV	4.824G	32.86	54.00	-21.14	5.89	3	Vertical	141	1.18	-
2412MHz	Pass	PK	4.8206G	45.63	74.00	-28.37	5.89	3	Vertical	141	1.18	-
2412MHz	Pass	AV	4.824G	33.92	54.00	-20.08	5.89	3	Horizontal	171	1.47	-
2412MHz	Pass	PK	4.8136G	46.55	74.00	-27.45	5.88	3	Horizontal	171	1.47	-
2417MHz	Pass	AV	2.39G	48.74	54.00	-5.26	30.77	3	Vertical	159	1.46	-
2417MHz	Pass	AV	2.424G	103.18	Inf	-Inf	30.90	3	Vertical	159	1.46	-
2417MHz	Pass	PK	2.3838G	68.14	74.00	-5.86	30.75	3	Vertical	159	1.46	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4234G	112.58	Inf	-Inf	30.90	3	Vertical	159	1.46	-
2417MHz	Pass	AV	2.3884G	53.04	54.00	-0.96	30.77	3	Horizontal	211	1.66	-
2417MHz	Pass	AV	2.416G	108.61	Inf	-Inf	30.86	3	Horizontal	211	1.66	-
2417MHz	Pass	PK	2.3842G	71.57	74.00	-2.43	30.76	3	Horizontal	211	1.66	-
2417MHz	Pass	PK	2.4154G	117.34	Inf	-Inf	30.86	3	Horizontal	211	1.66	-
2422MHz	Pass	AV	2.389G	50.13	54.00	-3.87	30.37	3	Vertical	36	1.19	-
2422MHz	Pass	AV	2.4282G	104.24	Inf	-Inf	30.51	3	Vertical	36	1.19	-
2422MHz	Pass	PK	2.3892G	68.88	74.00	-5.12	30.37	3	Vertical	36	1.19	-
2422MHz	Pass	PK	2.4276G	114.16	Inf	-Inf	30.51	3	Vertical	36	1.19	-
2422MHz	Pass	AV	2.39G	53.65	54.00	-0.35	30.38	3	Horizontal	146	1.72	-
2422MHz	Pass	AV	2.423G	110.76	Inf	-Inf	30.49	3	Horizontal	146	1.72	-
2422MHz	Pass	PK	2.3892G	73.00	74.00	-1.00	30.37	3	Horizontal	146	1.72	-
2422MHz	Pass	PK	2.4238G	120.00	Inf	-Inf	30.49	3	Horizontal	146	1.72	-
2427MHz	Pass	AV	2.39G	47.63	54.00	-6.37	30.77	3	Vertical	143	1.49	-
2427MHz	Pass	AV	2.4342G	106.07	Inf	-Inf	30.94	3	Vertical	143	1.49	-
2427MHz	Pass	PK	2.3798G	64.24	74.00	-9.76	30.74	3	Vertical	143	1.49	-
2427MHz	Pass	PK	2.4334G	115.11	Inf	-Inf	30.93	3	Vertical	143	1.49	-
2427MHz	Pass	AV	2.387G	52.58	54.00	-1.42	30.76	3	Horizontal	211	1.06	-
2427MHz	Pass	AV	2.426G	109.31	Inf	-Inf	30.90	3	Horizontal	211	1.06	-
2427MHz	Pass	PK	2.384G	72.52	74.00	-1.48	30.76	3	Horizontal	211	1.06	-
2427MHz	Pass	PK	2.4252G	118.29	Inf	-Inf	30.90	3	Horizontal	211	1.06	-
2432MHz	Pass	AV	2.3864G	46.87	54.00	-7.13	30.76	3	Vertical	150	1.50	-
2432MHz	Pass	AV	2.4388G	106.30	Inf	-Inf	30.95	3	Vertical	150	1.50	-
2432MHz	Pass	AV	2.4848G	45.27	54.00	-8.73	31.12	3	Vertical	150	1.50	-
2432MHz	Pass	PK	2.3848G	63.88	74.00	-10.12	30.76	3	Vertical	150	1.50	-
2432MHz	Pass	PK	2.4384G	115.52	Inf	-Inf	30.95	3	Vertical	150	1.50	-
2432MHz	Pass	PK	2.4844G	59.32	74.00	-14.68	31.12	3	Vertical	150	1.50	-
2432MHz	Pass	AV	2.39G	52.99	54.00	-1.01	30.77	3	Horizontal	209	1.07	-
2432MHz	Pass	AV	2.4308G	109.85	Inf	-Inf	30.92	3	Horizontal	209	1.07	-
2432MHz	Pass	AV	2.484G	48.18	54.00	-5.82	31.12	3	Horizontal	209	1.07	-
2432MHz	Pass	PK	2.39G	73.64	74.00	-0.36	30.77	3	Horizontal	209	1.07	-
2432MHz	Pass	PK	2.4304G	118.54	Inf	-Inf	30.92	3	Horizontal	209	1.07	-
2432MHz	Pass	PK	2.4904G	65.73	74.00	-8.27	31.13	3	Horizontal	209	1.07	-
2437MHz	Pass	AV	2.3898G	51.46	54.00	-2.54	30.38	3	Vertical	203	1.63	-
2437MHz	Pass	AV	2.4302G	108.23	Inf	-Inf	30.51	3	Vertical	203	1.63	-
2437MHz	Pass	AV	2.4835G	52.96	54.00	-1.04	30.69	3	Vertical	203	1.63	-
2437MHz	Pass	PK	2.3898G	69.86	74.00	-4.14	30.38	3	Vertical	203	1.63	-
2437MHz	Pass	PK	2.4306G	118.04	Inf	-Inf	30.51	3	Vertical	203	1.63	-
2437MHz	Pass	PK	2.4835G	68.64	74.00	-5.36	30.69	3	Vertical	203	1.63	-
2437MHz	Pass	AV	2.3894G	53.88	54.00	-0.12	30.37	3	Horizontal	144	1.64	-
2437MHz	Pass	AV	2.4382G	112.33	Inf	-Inf	30.54	3	Horizontal	144	1.64	-
2437MHz	Pass	AV	2.4882G	52.25	54.00	-1.75	30.71	3	Horizontal	144	1.64	-
2437MHz	Pass	PK	2.3866G	72.76	74.00	-1.24	30.37	3	Horizontal	144	1.64	-
2437MHz	Pass	PK	2.4378G	121.41	Inf	-Inf	30.54	3	Horizontal	144	1.64	-
2437MHz	Pass	PK	2.487G	70.13	74.00	-3.87	30.71	3	Horizontal	144	1.64	-
2437MHz	Pass	AV	4.8742G	35.89	54.00	-18.11	6.00	3	Vertical	141	1.22	-
2437MHz	Pass	PK	4.8744G	48.80	74.00	-25.20	6.00	3	Vertical	141	1.22	-
2437MHz	Pass	AV	4.8739G	38.81	54.00	-15.19	6.00	3	Horizontal	170	1.48	-
2437MHz	Pass	PK	4.8798G	52.32	74.00	-21.68	6.01	3	Horizontal	170	1.48	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	AV	2.3884G	46.80	54.00	-7.20	30.77	3	Vertical	126	1.12	-
2442MHz	Pass	AV	2.4472G	106.05	Inf	-Inf	30.98	3	Vertical	126	1.12	-
2442MHz	Pass	AV	2.4835G	50.73	54.00	-3.27	31.11	3	Vertical	126	1.12	-
2442MHz	Pass	PK	2.3848G	64.58	74.00	-9.42	30.76	3	Vertical	126	1.12	-
2442MHz	Pass	PK	2.4476G	115.68	Inf	-Inf	30.98	3	Vertical	126	1.12	-
2442MHz	Pass	PK	2.4852G	69.38	74.00	-4.62	31.12	3	Vertical	126	1.12	-
2442MHz	Pass	AV	2.39G	47.15	54.00	-6.85	30.77	3	Horizontal	202	1.50	-
2442MHz	Pass	AV	2.4404G	110.10	Inf	-Inf	30.95	3	Horizontal	202	1.50	-
2442MHz	Pass	AV	2.4835G	53.08	54.00	-0.92	31.11	3	Horizontal	202	1.50	-
2442MHz	Pass	PK	2.3792G	64.18	74.00	-9.82	30.74	3	Horizontal	202	1.50	-
2442MHz	Pass	PK	2.44G	119.55	Inf	-Inf	30.95	3	Horizontal	202	1.50	-
2442MHz	Pass	PK	2.4835G	70.40	74.00	-3.60	31.11	3	Horizontal	202	1.50	-
2447MHz	Pass	AV	2.4516G	105.91	Inf	-Inf	30.99	3	Vertical	121	1.12	-
2447MHz	Pass	AV	2.4858G	52.85	54.00	-1.15	31.12	3	Vertical	121	1.12	-
2447MHz	Pass	PK	2.4526G	115.48	Inf	-Inf	31.00	3	Vertical	121	1.12	-
2447MHz	Pass	PK	2.4846G	70.89	74.00	-3.11	31.12	3	Vertical	121	1.12	-
2447MHz	Pass	AV	2.4542G	109.01	Inf	-Inf	31.00	3	Horizontal	32	1.84	-
2447MHz	Pass	AV	2.4872G	53.06	54.00	-0.94	31.12	3	Horizontal	32	1.84	-
2447MHz	Pass	PK	2.4538G	117.61	Inf	-Inf	31.00	3	Horizontal	32	1.84	-
2447MHz	Pass	PK	2.4878G	70.63	74.00	-3.37	31.13	3	Horizontal	32	1.84	-
2452MHz	Pass	AV	2.459G	104.11	Inf	-Inf	31.03	3	Vertical	143	1.50	-
2452MHz	Pass	AV	2.4838G	48.34	54.00	-5.66	31.11	3	Vertical	143	1.50	-
2452MHz	Pass	PK	2.4582G	113.41	Inf	-Inf	31.02	3	Vertical	143	1.50	-
2452MHz	Pass	PK	2.4842G	68.80	74.00	-5.20	31.12	3	Vertical	143	1.50	-
2452MHz	Pass	AV	2.45G	109.06	Inf	-Inf	30.99	3	Horizontal	203	1.34	-
2452MHz	Pass	AV	2.4835G	52.40	54.00	-1.60	31.11	3	Horizontal	203	1.34	-
2452MHz	Pass	PK	2.4502G	117.95	Inf	-Inf	30.99	3	Horizontal	203	1.34	-
2452MHz	Pass	PK	2.4846G	73.88	74.00	-0.12	31.12	3	Horizontal	203	1.34	-
2457MHz	Pass	AV	2.4642G	103.74	Inf	-Inf	31.04	3	Vertical	143	1.50	-
2457MHz	Pass	AV	2.4838G	50.78	54.00	-3.22	31.11	3	Vertical	143	1.50	-
2457MHz	Pass	PK	2.4644G	112.99	Inf	-Inf	31.04	3	Vertical	143	1.50	-
2457MHz	Pass	PK	2.4835G	70.35	74.00	-3.65	31.11	3	Vertical	143	1.50	-
2457MHz	Pass	AV	2.464G	106.46	Inf	-Inf	31.04	3	Horizontal	32	1.81	-
2457MHz	Pass	AV	2.4838G	52.26	54.00	-1.74	31.11	3	Horizontal	32	1.81	-
2457MHz	Pass	PK	2.4634G	115.52	Inf	-Inf	31.04	3	Horizontal	32	1.81	-
2457MHz	Pass	PK	2.4835G	71.59	74.00	-2.41	31.11	3	Horizontal	32	1.81	-
2462MHz	Pass	AV	2.468G	101.30	Inf	-Inf	30.64	3	Vertical	40	2.35	-
2462MHz	Pass	AV	2.4836G	44.94	54.00	-9.06	30.69	3	Vertical	40	2.35	-
2462MHz	Pass	PK	2.4676G	110.99	Inf	-Inf	30.64	3	Vertical	40	2.35	-
2462MHz	Pass	PK	2.484G	68.25	74.00	-5.75	30.69	3	Vertical	40	2.35	-
2462MHz	Pass	AV	2.461G	106.38	Inf	-Inf	30.62	3	Horizontal	132	1.59	-
2462MHz	Pass	AV	2.4835G	48.19	54.00	-5.81	30.69	3	Horizontal	132	1.59	-
2462MHz	Pass	PK	2.4608G	115.90	Inf	-Inf	30.62	3	Horizontal	132	1.59	-
2462MHz	Pass	PK	2.4835G	73.84	74.00	-0.16	30.69	3	Horizontal	132	1.59	-
2462MHz	Pass	AV	4.9239G	32.09	54.00	-21.91	6.09	3	Vertical	154	1.31	-
2462MHz	Pass	PK	4.9031G	45.67	74.00	-28.33	6.05	3	Vertical	154	1.31	-
2462MHz	Pass	AV	4.924G	32.98	54.00	-21.02	6.09	3	Horizontal	179	1.63	-
2462MHz	Pass	PK	4.9236G	45.17	74.00	-28.83	6.09	3	Horizontal	179	1.63	-
802.11n HT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	2.39G	48.97	54.00	-5.03	30.38	3	Vertical	193	1.20	-
2412MHz	Pass	AV	2.413G	102.85	Inf	-Inf	30.45	3	Vertical	193	1.20	-
2412MHz	Pass	PK	2.3896G	61.96	74.00	-12.04	30.38	3	Vertical	193	1.20	-
2412MHz	Pass	PK	2.4104G	114.16	Inf	-Inf	30.44	3	Vertical	193	1.20	-
2412MHz	Pass	AV	2.39G	53.14	54.00	-0.86	30.38	3	Horizontal	141	1.51	-
2412MHz	Pass	AV	2.4082G	109.13	Inf	-Inf	30.44	3	Horizontal	141	1.51	-
2412MHz	Pass	PK	2.3898G	67.00	74.00	-7.00	30.38	3	Horizontal	141	1.51	-
2412MHz	Pass	PK	2.409G	120.02	Inf	-Inf	30.44	3	Horizontal	141	1.51	-
2412MHz	Pass	AV	4.8239G	32.49	54.00	-21.51	5.89	3	Vertical	143	1.21	-
2412MHz	Pass	PK	4.818G	45.01	74.00	-28.99	5.89	3	Vertical	143	1.21	-
2412MHz	Pass	AV	4.8241G	33.77	54.00	-20.23	5.89	3	Horizontal	171	1.38	-
2412MHz	Pass	PK	4.8242G	46.21	74.00	-27.79	5.89	3	Horizontal	171	1.38	-
2417MHz	Pass	AV	2.39G	48.70	54.00	-5.30	30.77	3	Vertical	78	1.77	-
2417MHz	Pass	AV	2.4134G	102.58	Inf	-Inf	30.86	3	Vertical	78	1.77	-
2417MHz	Pass	PK	2.3894G	65.89	74.00	-8.11	30.77	3	Vertical	78	1.77	-
2417MHz	Pass	PK	2.4154G	112.70	Inf	-Inf	30.86	3	Vertical	78	1.77	-
2417MHz	Pass	AV	2.39G	52.68	54.00	-1.32	30.77	3	Horizontal	202	2.07	-
2417MHz	Pass	AV	2.4124G	107.70	Inf	-Inf	30.85	3	Horizontal	202	2.07	-
2417MHz	Pass	PK	2.389G	68.47	74.00	-5.53	30.77	3	Horizontal	202	2.07	-
2417MHz	Pass	PK	2.4154G	118.30	Inf	-Inf	30.86	3	Horizontal	202	2.07	-
2422MHz	Pass	AV	2.39G	48.19	54.00	-5.81	30.77	3	Vertical	77	1.78	-
2422MHz	Pass	AV	2.4174G	102.73	Inf	-Inf	30.87	3	Vertical	77	1.78	-
2422MHz	Pass	PK	2.39G	64.16	74.00	-9.84	30.77	3	Vertical	77	1.78	-
2422MHz	Pass	PK	2.4176G	113.40	Inf	-Inf	30.87	3	Vertical	77	1.78	-
2422MHz	Pass	AV	2.39G	52.41	54.00	-1.59	30.77	3	Horizontal	213	1.72	-
2422MHz	Pass	AV	2.4172G	108.21	Inf	-Inf	30.87	3	Horizontal	213	1.72	-
2422MHz	Pass	PK	2.39G	68.30	74.00	-5.70	30.77	3	Horizontal	213	1.72	-
2422MHz	Pass	PK	2.4164G	118.71	Inf	-Inf	30.87	3	Horizontal	213	1.72	-
2427MHz	Pass	AV	2.39G	48.48	54.00	-5.52	30.77	3	Vertical	79	1.95	-
2427MHz	Pass	AV	2.4344G	104.26	Inf	-Inf	30.94	3	Vertical	79	1.95	-
2427MHz	Pass	PK	2.3898G	64.35	74.00	-9.65	30.77	3	Vertical	79	1.95	-
2427MHz	Pass	PK	2.4254G	114.31	Inf	-Inf	30.90	3	Vertical	79	1.95	-
2427MHz	Pass	AV	2.39G	53.52	54.00	-0.48	30.77	3	Horizontal	201	1.91	-
2427MHz	Pass	AV	2.4204G	108.63	Inf	-Inf	30.89	3	Horizontal	201	1.91	-
2427MHz	Pass	PK	2.3894G	68.96	74.00	-5.04	30.77	3	Horizontal	201	1.91	-
2427MHz	Pass	PK	2.4214G	119.24	Inf	-Inf	30.89	3	Horizontal	201	1.91	-
2432MHz	Pass	AV	2.39G	47.37	54.00	-6.63	30.77	3	Vertical	81	1.95	-
2432MHz	Pass	AV	2.4384G	105.36	Inf	-Inf	30.95	3	Vertical	81	1.95	-
2432MHz	Pass	AV	2.484G	45.82	54.00	-8.18	31.12	3	Vertical	81	1.95	-
2432MHz	Pass	PK	2.39G	61.72	74.00	-12.28	30.77	3	Vertical	81	1.95	-
2432MHz	Pass	PK	2.438G	115.92	Inf	-Inf	30.95	3	Vertical	81	1.95	-
2432MHz	Pass	PK	2.4904G	59.63	74.00	-14.37	31.13	3	Vertical	81	1.95	-
2432MHz	Pass	AV	2.39G	51.99	54.00	-2.01	30.77	3	Horizontal	214	1.50	-
2432MHz	Pass	AV	2.4396G	108.54	Inf	-Inf	30.95	3	Horizontal	214	1.50	-
2432MHz	Pass	AV	2.484G	47.35	54.00	-6.65	31.12	3	Horizontal	214	1.50	-
2432MHz	Pass	PK	2.39G	67.03	74.00	-6.97	30.77	3	Horizontal	214	1.50	-
2432MHz	Pass	PK	2.4276G	118.93	Inf	-Inf	30.91	3	Horizontal	214	1.50	-
2432MHz	Pass	PK	2.4852G	61.24	74.00	-12.76	31.12	3	Horizontal	214	1.50	-
2437MHz	Pass	AV	2.3898G	47.65	54.00	-6.35	30.38	3	Vertical	336	2.12	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.439G	105.59	Inf	-Inf	30.54	3	Vertical	336	2.12	-
2437MHz	Pass	AV	2.4835G	49.70	54.00	-4.30	30.69	3	Vertical	336	2.12	-
2437MHz	Pass	PK	2.389G	63.06	74.00	-10.94	30.37	3	Vertical	336	2.12	-
2437MHz	Pass	PK	2.4354G	116.62	Inf	-Inf	30.53	3	Vertical	336	2.12	-
2437MHz	Pass	PK	2.4842G	66.54	74.00	-7.46	30.69	3	Vertical	336	2.12	-
2437MHz	Pass	AV	2.3898G	53.44	54.00	-0.56	30.38	3	Horizontal	143	1.65	-
2437MHz	Pass	AV	2.4378G	111.92	Inf	-Inf	30.54	3	Horizontal	143	1.65	-
2437MHz	Pass	AV	2.4835G	52.71	54.00	-1.29	30.69	3	Horizontal	143	1.65	-
2437MHz	Pass	PK	2.3898G	69.89	74.00	-4.11	30.38	3	Horizontal	143	1.65	-
2437MHz	Pass	PK	2.4394G	123.05	Inf	-Inf	30.54	3	Horizontal	143	1.65	-
2437MHz	Pass	PK	2.4838G	68.99	74.00	-5.01	30.69	3	Horizontal	143	1.65	-
2437MHz	Pass	AV	4.8739G	31.16	54.00	-22.84	6.00	3	Vertical	138	1.53	-
2437MHz	Pass	PK	4.8721G	44.08	74.00	-29.92	6.00	3	Vertical	138	1.53	-
2437MHz	Pass	AV	4.874G	31.89	54.00	-22.11	6.00	3	Horizontal	171	1.48	-
2437MHz	Pass	PK	4.874G	44.59	74.00	-29.41	6.00	3	Horizontal	171	1.48	-
2442MHz	Pass	AV	2.3896G	45.42	54.00	-8.58	30.77	3	Vertical	81	1.71	-
2442MHz	Pass	AV	2.4436G	105.61	Inf	-Inf	30.96	3	Vertical	81	1.71	-
2442MHz	Pass	AV	2.4835G	51.67	54.00	-2.33	31.11	3	Vertical	81	1.71	-
2442MHz	Pass	PK	2.39G	58.12	74.00	-15.88	30.77	3	Vertical	81	1.71	-
2442MHz	Pass	PK	2.4404G	116.34	Inf	-Inf	30.95	3	Vertical	81	1.71	-
2442MHz	Pass	PK	2.484G	67.95	74.00	-6.05	31.12	3	Vertical	81	1.71	-
2442MHz	Pass	AV	2.39G	48.83	54.00	-5.17	30.77	3	Horizontal	210	1.50	-
2442MHz	Pass	AV	2.4372G	108.74	Inf	-Inf	30.94	3	Horizontal	210	1.50	-
2442MHz	Pass	AV	2.4835G	53.12	54.00	-0.88	31.11	3	Horizontal	210	1.50	-
2442MHz	Pass	PK	2.39G	63.47	74.00	-10.53	30.77	3	Horizontal	210	1.50	-
2442MHz	Pass	PK	2.4404G	118.85	Inf	-Inf	30.95	3	Horizontal	210	1.50	-
2442MHz	Pass	PK	2.4835G	70.44	74.00	-3.56	31.11	3	Horizontal	210	1.50	-
2447MHz	Pass	AV	2.4424G	105.45	Inf	-Inf	30.96	3	Vertical	80	1.92	-
2447MHz	Pass	AV	2.4835G	50.32	54.00	-3.68	31.11	3	Vertical	80	1.92	-
2447MHz	Pass	PK	2.4424G	115.86	Inf	-Inf	30.96	3	Vertical	80	1.92	-
2447MHz	Pass	PK	2.484G	66.97	74.00	-7.03	31.12	3	Vertical	80	1.92	-
2447MHz	Pass	AV	2.4424G	108.48	Inf	-Inf	30.96	3	Horizontal	213	1.50	-
2447MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	31.11	3	Horizontal	213	1.50	-
2447MHz	Pass	PK	2.4418G	118.75	Inf	-Inf	30.96	3	Horizontal	213	1.50	-
2447MHz	Pass	PK	2.4838G	69.35	74.00	-4.65	31.11	3	Horizontal	213	1.50	-
2452MHz	Pass	AV	2.453G	104.74	Inf	-Inf	31.00	3	Vertical	82	1.70	-
2452MHz	Pass	AV	2.4835G	52.41	54.00	-1.59	31.11	3	Vertical	82	1.70	-
2452MHz	Pass	PK	2.4548G	114.86	Inf	-Inf	31.00	3	Vertical	82	1.70	-
2452MHz	Pass	PK	2.4835G	67.51	74.00	-6.49	31.11	3	Vertical	82	1.70	-
2452MHz	Pass	AV	2.4474G	107.58	Inf	-Inf	30.98	3	Horizontal	212	1.50	-
2452MHz	Pass	AV	2.4835G	53.27	54.00	-0.73	31.11	3	Horizontal	212	1.50	-
2452MHz	Pass	PK	2.4474G	117.85	Inf	-Inf	30.98	3	Horizontal	212	1.50	-
2452MHz	Pass	PK	2.4842G	69.55	74.00	-4.45	31.12	3	Horizontal	212	1.50	-
2457MHz	Pass	AV	2.4602G	104.17	Inf	-Inf	31.03	3	Vertical	81	1.91	-
2457MHz	Pass	AV	2.4835G	50.06	54.00	-3.94	31.11	3	Vertical	81	1.91	-
2457MHz	Pass	PK	2.4554G	114.73	Inf	-Inf	31.01	3	Vertical	81	1.91	-
2457MHz	Pass	PK	2.4836G	66.98	74.00	-7.02	31.11	3	Vertical	81	1.91	-
2457MHz	Pass	AV	2.4628G	106.99	Inf	-Inf	31.04	3	Horizontal	201	1.40	-
2457MHz	Pass	AV	2.4838G	51.68	54.00	-2.32	31.11	3	Horizontal	201	1.40	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4554G	117.26	Inf	-Inf	31.01	3	Horizontal	201	1.40	-
2457MHz	Pass	PK	2.4835G	70.62	74.00	-3.38	31.11	3	Horizontal	201	1.40	-
2462MHz	Pass	AV	2.4582G	102.36	Inf	-Inf	30.61	3	Vertical	335	2.06	-
2462MHz	Pass	AV	2.4835G	50.20	54.00	-3.80	30.69	3	Vertical	335	2.06	-
2462MHz	Pass	PK	2.4582G	113.66	Inf	-Inf	30.61	3	Vertical	335	2.06	-
2462MHz	Pass	PK	2.4835G	66.60	74.00	-7.40	30.69	3	Vertical	335	2.06	-
2462MHz	Pass	AV	2.4582G	108.71	Inf	-Inf	30.61	3	Horizontal	134	1.79	-
2462MHz	Pass	AV	2.4835G	52.39	54.00	-1.61	30.69	3	Horizontal	134	1.79	-
2462MHz	Pass	PK	2.4582G	119.44	Inf	-Inf	30.61	3	Horizontal	134	1.79	-
2462MHz	Pass	PK	2.4838G	70.68	74.00	-3.32	30.69	3	Horizontal	134	1.79	-
2462MHz	Pass	AV	4.9239G	31.60	54.00	-22.40	6.09	3	Vertical	165	1.49	-
2462MHz	Pass	PK	4.9401G	44.51	74.00	-29.49	6.13	3	Vertical	165	1.49	-
2462MHz	Pass	AV	4.9239G	32.16	54.00	-21.84	6.09	3	Horizontal	180	1.50	-
2462MHz	Pass	PK	4.9238G	44.82	74.00	-29.18	6.09	3	Horizontal	180	1.50	-
802.11n HT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	49.29	54.00	-4.71	30.38	3	Vertical	194	1.19	-
2422MHz	Pass	AV	2.4132G	98.02	Inf	-Inf	30.45	3	Vertical	194	1.19	-
2422MHz	Pass	AV	2.496G	43.71	54.00	-10.29	30.74	3	Vertical	194	1.19	-
2422MHz	Pass	PK	2.39G	61.47	74.00	-12.53	30.38	3	Vertical	194	1.19	-
2422MHz	Pass	PK	2.4136G	108.42	Inf	-Inf	30.45	3	Vertical	194	1.19	-
2422MHz	Pass	PK	2.4948G	55.15	74.00	-18.85	30.73	3	Vertical	194	1.19	-
2422MHz	Pass	AV	2.3892G	53.57	54.00	-0.43	30.37	3	Horizontal	140	1.88	-
2422MHz	Pass	AV	2.4176G	104.11	Inf	-Inf	30.47	3	Horizontal	140	1.88	-
2422MHz	Pass	AV	2.4844G	45.29	54.00	-8.71	30.69	3	Horizontal	140	1.88	-
2422MHz	Pass	PK	2.3896G	66.71	74.00	-7.29	30.38	3	Horizontal	140	1.88	-
2422MHz	Pass	PK	2.4188G	115.39	Inf	-Inf	30.48	3	Horizontal	140	1.88	-
2422MHz	Pass	PK	2.4984G	57.35	74.00	-16.65	30.75	3	Horizontal	140	1.88	-
2422MHz	Pass	AV	4.844G	30.84	54.00	-23.16	5.93	3	Vertical	140	1.56	-
2422MHz	Pass	PK	4.869G	44.04	74.00	-29.96	5.99	3	Vertical	140	1.56	-
2422MHz	Pass	AV	4.8441G	31.30	54.00	-22.70	5.93	3	Horizontal	169	1.73	-
2422MHz	Pass	PK	4.8586G	44.26	74.00	-29.74	5.97	3	Horizontal	169	1.73	-
2427MHz	Pass	AV	2.3898G	49.89	54.00	-4.11	30.77	3	Vertical	85	1.95	-
2427MHz	Pass	AV	2.439G	98.22	Inf	-Inf	30.95	3	Vertical	85	1.95	-
2427MHz	Pass	AV	2.4862G	44.38	54.00	-9.62	31.12	3	Vertical	85	1.95	-
2427MHz	Pass	PK	2.3886G	62.61	74.00	-11.39	30.77	3	Vertical	85	1.95	-
2427MHz	Pass	PK	2.437G	109.00	Inf	-Inf	30.94	3	Vertical	85	1.95	-
2427MHz	Pass	PK	2.4994G	57.59	74.00	-16.41	31.17	3	Vertical	85	1.95	-
2427MHz	Pass	AV	2.3898G	53.59	54.00	-0.41	30.77	3	Horizontal	203	1.62	-
2427MHz	Pass	AV	2.4302G	104.45	Inf	-Inf	30.91	3	Horizontal	203	1.62	-
2427MHz	Pass	AV	2.4846G	46.38	54.00	-7.62	31.12	3	Horizontal	203	1.62	-
2427MHz	Pass	PK	2.3882G	67.85	74.00	-6.15	30.77	3	Horizontal	203	1.62	-
2427MHz	Pass	PK	2.4286G	114.74	Inf	-Inf	30.91	3	Horizontal	203	1.62	-
2427MHz	Pass	PK	2.4874G	61.29	74.00	-12.71	31.12	3	Horizontal	203	1.62	-
2432MHz	Pass	AV	2.39G	49.84	54.00	-4.16	30.77	3	Vertical	83	1.93	-
2432MHz	Pass	AV	2.4416G	99.46	Inf	-Inf	30.96	3	Vertical	83	1.93	-
2432MHz	Pass	AV	2.4835G	45.13	54.00	-8.87	31.11	3	Vertical	83	1.93	-
2432MHz	Pass	PK	2.39G	63.43	74.00	-10.57	30.77	3	Vertical	83	1.93	-
2432MHz	Pass	PK	2.442G	109.98	Inf	-Inf	30.96	3	Vertical	83	1.93	-
2432MHz	Pass	PK	2.4868G	58.27	74.00	-15.73	31.12	3	Vertical	83	1.93	-

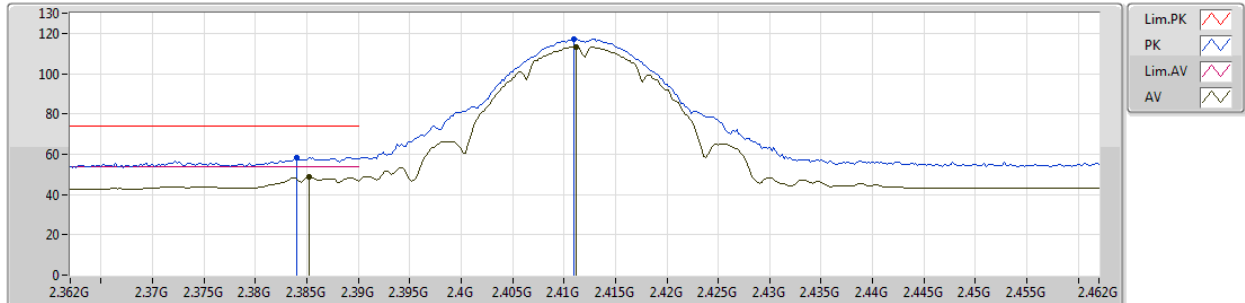
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz	Pass	AV	2.39G	53.79	54.00	-0.21	30.77	3	Horizontal	204	1.62	-
2432MHz	Pass	AV	2.4288G	105.05	Inf	-Inf	30.91	3	Horizontal	204	1.62	-
2432MHz	Pass	AV	2.4835G	46.91	54.00	-7.09	31.11	3	Horizontal	204	1.62	-
2432MHz	Pass	PK	2.3888G	66.98	74.00	-7.02	30.77	3	Horizontal	204	1.62	-
2432MHz	Pass	PK	2.4288G	115.08	Inf	-Inf	30.91	3	Horizontal	204	1.62	-
2432MHz	Pass	PK	2.4904G	61.37	74.00	-12.63	31.13	3	Horizontal	204	1.62	-
2437MHz	Pass	AV	2.3898G	47.55	54.00	-6.45	30.38	3	Vertical	334	2.13	-
2437MHz	Pass	AV	2.4354G	99.13	Inf	-Inf	30.53	3	Vertical	334	2.13	-
2437MHz	Pass	AV	2.4835G	49.82	54.00	-4.18	30.69	3	Vertical	334	2.13	-
2437MHz	Pass	PK	2.389G	60.04	74.00	-13.96	30.37	3	Vertical	334	2.13	-
2437MHz	Pass	PK	2.4314G	109.79	Inf	-Inf	30.52	3	Vertical	334	2.13	-
2437MHz	Pass	PK	2.4842G	62.48	74.00	-11.52	30.69	3	Vertical	334	2.13	-
2437MHz	Pass	AV	2.3898G	53.56	54.00	-0.44	30.38	3	Horizontal	125	1.75	-
2437MHz	Pass	AV	2.4254G	105.37	Inf	-Inf	30.50	3	Horizontal	125	1.75	-
2437MHz	Pass	AV	2.4835G	50.35	54.00	-3.65	30.69	3	Horizontal	125	1.75	-
2437MHz	Pass	PK	2.389G	67.53	74.00	-6.47	30.37	3	Horizontal	125	1.75	-
2437MHz	Pass	PK	2.4338G	116.56	Inf	-Inf	30.52	3	Horizontal	125	1.75	-
2437MHz	Pass	PK	2.4838G	64.56	74.00	-9.44	30.69	3	Horizontal	125	1.75	-
2437MHz	Pass	AV	4.8741G	31.59	54.00	-22.41	6.00	3	Vertical	138	1.70	-
2437MHz	Pass	PK	4.8566G	44.36	74.00	-29.64	5.97	3	Vertical	138	1.70	-
2437MHz	Pass	AV	4.874G	32.89	54.00	-21.11	6.00	3	Horizontal	171	1.48	-
2437MHz	Pass	PK	4.8739G	45.15	74.00	-28.85	6.00	3	Horizontal	171	1.48	-
2442MHz	Pass	AV	2.39G	45.63	54.00	-8.37	30.77	3	Vertical	84	1.92	-
2442MHz	Pass	AV	2.4392G	100.26	Inf	-Inf	30.95	3	Vertical	84	1.92	-
2442MHz	Pass	AV	2.4835G	50.22	54.00	-3.78	31.11	3	Vertical	84	1.92	-
2442MHz	Pass	PK	2.3876G	59.91	74.00	-14.09	30.77	3	Vertical	84	1.92	-
2442MHz	Pass	PK	2.4516G	110.36	Inf	-Inf	30.99	3	Vertical	84	1.92	-
2442MHz	Pass	PK	2.4835G	64.92	74.00	-9.08	31.11	3	Vertical	84	1.92	-
2442MHz	Pass	AV	2.3896G	49.60	54.00	-4.40	30.77	3	Horizontal	212	1.66	-
2442MHz	Pass	AV	2.4352G	104.81	Inf	-Inf	30.94	3	Horizontal	212	1.66	-
2442MHz	Pass	AV	2.484G	51.78	54.00	-2.22	31.12	3	Horizontal	212	1.66	-
2442MHz	Pass	PK	2.39G	63.68	74.00	-10.32	30.77	3	Horizontal	212	1.66	-
2442MHz	Pass	PK	2.4344G	115.28	Inf	-Inf	30.94	3	Horizontal	212	1.66	-
2442MHz	Pass	PK	2.4835G	66.69	74.00	-7.31	31.11	3	Horizontal	212	1.66	-
2447MHz	Pass	AV	2.3898G	44.37	54.00	-9.63	30.77	3	Vertical	87	1.90	-
2447MHz	Pass	AV	2.451G	99.80	Inf	-Inf	30.99	3	Vertical	87	1.90	-
2447MHz	Pass	AV	2.4835G	49.58	54.00	-4.42	31.11	3	Vertical	87	1.90	-
2447MHz	Pass	PK	2.3898G	57.73	74.00	-16.27	30.77	3	Vertical	87	1.90	-
2447MHz	Pass	PK	2.4538G	109.99	Inf	-Inf	31.00	3	Vertical	87	1.90	-
2447MHz	Pass	PK	2.4846G	66.16	74.00	-7.84	31.12	3	Vertical	87	1.90	-
2447MHz	Pass	AV	2.3894G	47.28	54.00	-6.72	30.77	3	Horizontal	216	1.48	-
2447MHz	Pass	AV	2.4418G	103.92	Inf	-Inf	30.96	3	Horizontal	216	1.48	-
2447MHz	Pass	AV	2.4835G	50.99	54.00	-3.01	31.11	3	Horizontal	216	1.48	-
2447MHz	Pass	PK	2.3898G	60.06	74.00	-13.94	30.77	3	Horizontal	216	1.48	-
2447MHz	Pass	PK	2.4398G	114.50	Inf	-Inf	30.95	3	Horizontal	216	1.48	-
2447MHz	Pass	PK	2.485G	66.94	74.00	-7.06	31.12	3	Horizontal	216	1.48	-
2452MHz	Pass	AV	2.39G	43.22	54.00	-10.78	30.38	3	Vertical	336	1.87	-
2452MHz	Pass	AV	2.4492G	98.17	Inf	-Inf	30.58	3	Vertical	336	1.87	-
2452MHz	Pass	AV	2.4835G	51.11	54.00	-2.89	30.69	3	Vertical	336	1.87	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.39G	54.67	74.00	-19.33	30.38	3	Vertical	336	1.87	-
2452MHz	Pass	PK	2.4492G	109.67	Inf	-Inf	30.58	3	Vertical	336	1.87	-
2452MHz	Pass	PK	2.4835G	65.46	74.00	-8.54	30.69	3	Vertical	336	1.87	-
2452MHz	Pass	AV	2.39G	46.29	54.00	-7.71	30.38	3	Horizontal	141	1.59	-
2452MHz	Pass	AV	2.4584G	104.46	Inf	-Inf	30.61	3	Horizontal	141	1.59	-
2452MHz	Pass	AV	2.4835G	53.50	54.00	-0.50	30.69	3	Horizontal	141	1.59	-
2452MHz	Pass	PK	2.3836G	57.90	74.00	-16.10	30.36	3	Horizontal	141	1.59	-
2452MHz	Pass	PK	2.4584G	114.97	Inf	-Inf	30.61	3	Horizontal	141	1.59	-
2452MHz	Pass	PK	2.4848G	66.88	74.00	-7.12	30.69	3	Horizontal	141	1.59	-
2452MHz	Pass	AV	4.9039G	31.35	54.00	-22.65	6.06	3	Vertical	152	1.61	-
2452MHz	Pass	PK	4.9231G	44.61	74.00	-29.39	6.09	3	Vertical	152	1.61	-
2452MHz	Pass	AV	4.904G	32.17	54.00	-21.83	6.06	3	Horizontal	171	1.28	-
2452MHz	Pass	PK	4.9227G	45.03	74.00	-28.97	6.09	3	Horizontal	171	1.28	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2412MHz_TX

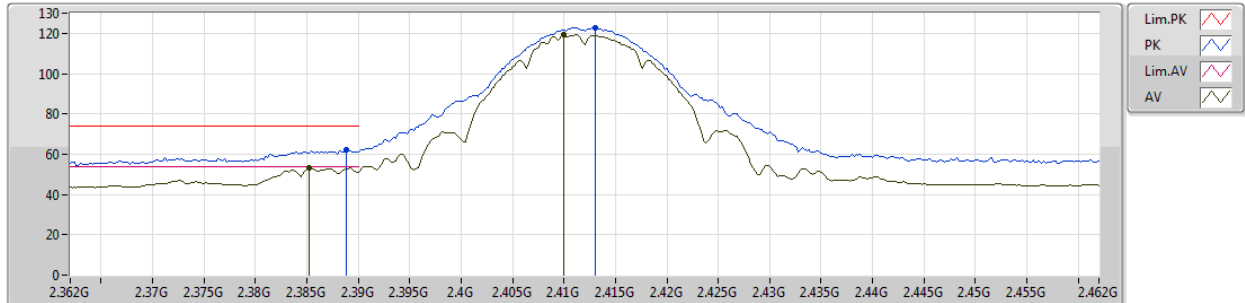


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3852G	48.74	54.00	-5.26	30.36	3	Vertical	193	1.17	-								
AV	2.4112G	113.44	Inf	-Inf	30.45	3	Vertical	193	1.17	-								
PK	2.384G	58.41	74.00	-15.59	30.36	3	Vertical	193	1.17	-								
PK	2.411G	117.23	Inf	-Inf	30.45	3	Vertical	193	1.17	-								

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2412MHz_TX

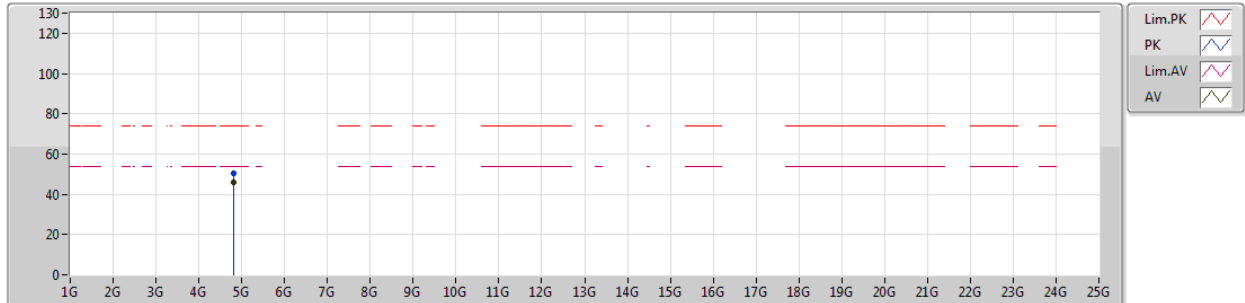


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3852G	53.10	54.00	-0.90	30.36	3	Horizontal	142	1.49	-
AV	2.41G	119.40	Inf	-Inf	30.44	3	Horizontal	142	1.49	-
PK	2.3888G	62.07	74.00	-11.93	30.37	3	Horizontal	142	1.49	-
PK	2.413G	122.99	Inf	-Inf	30.45	3	Horizontal	142	1.49	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2412MHz_TX

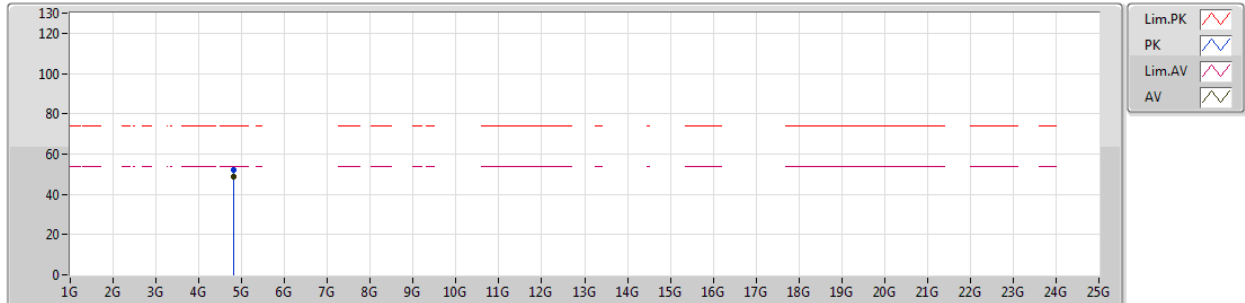


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82398G	46.00	54.00	-8.00	5.89	3	Vertical	169	1.44	-
PK	4.8239G	50.54	74.00	-23.46	5.89	3	Vertical	169	1.44	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2412MHz_TX

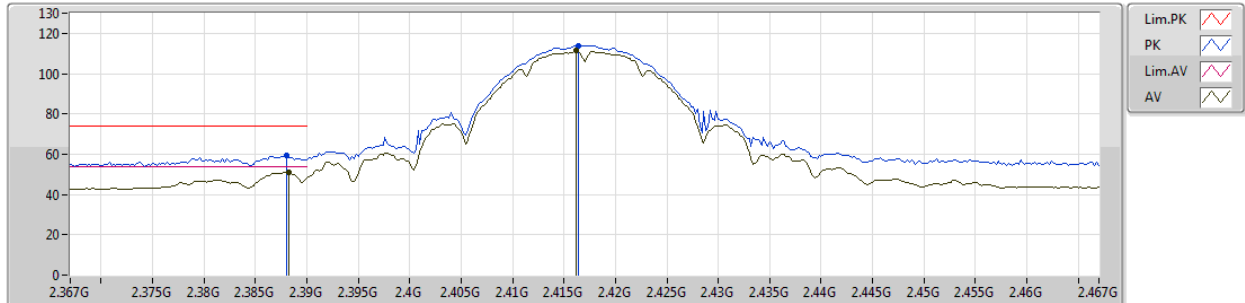


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	49.01	54.00	-4.99	5.89	3	Horizontal	172	1.38	-
PK	4.824G	52.35	74.00	-21.65	5.89	3	Horizontal	172	1.38	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2417MHz_TX

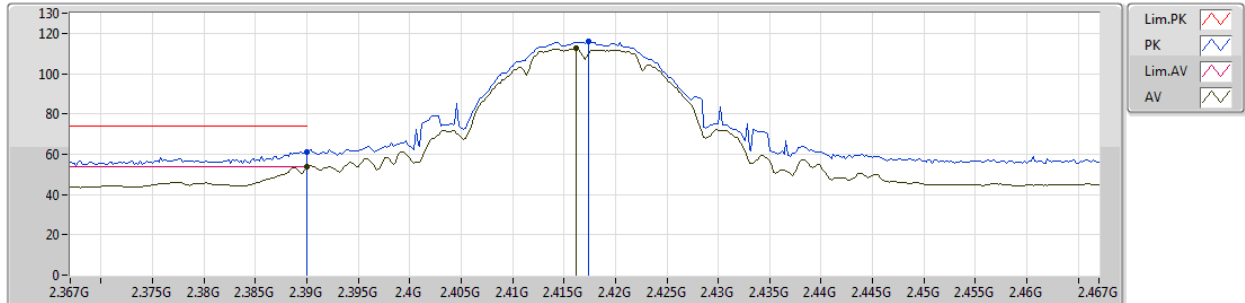


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3882G	50.79	54.00	-3.21	30.77	3	Vertical	60	1.04	-								
AV	2.4162G	111.28	Inf	-Inf	30.87	3	Vertical	60	1.04	-								
PK	2.388G	59.17	74.00	-14.83	30.77	3	Vertical	60	1.04	-								
PK	2.4164G	113.92	Inf	-Inf	30.87	3	Vertical	60	1.04	-								

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2417MHz_TX

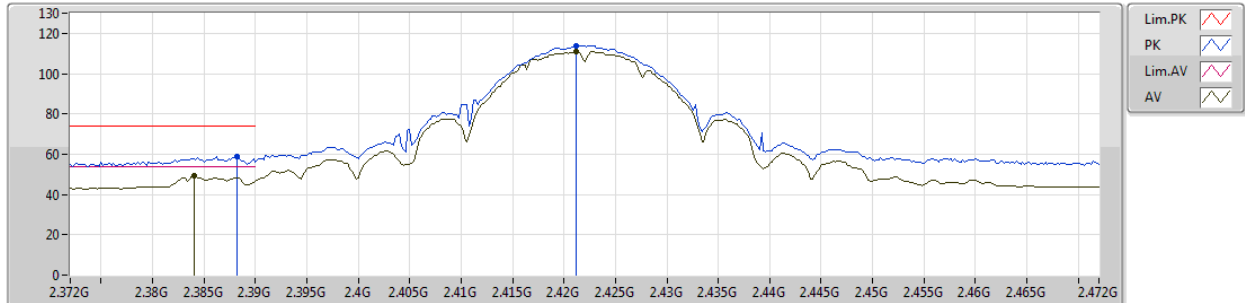


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.84	54.00	-0.16	30.77	3	Horizontal	205	1.46	-
AV	2.4162G	112.36	Inf	-Inf	30.87	3	Horizontal	205	1.46	-
PK	2.39G	61.31	74.00	-12.69	30.77	3	Horizontal	205	1.46	-
PK	2.4174G	115.75	Inf	-Inf	30.87	3	Horizontal	205	1.46	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2422MHz_TX

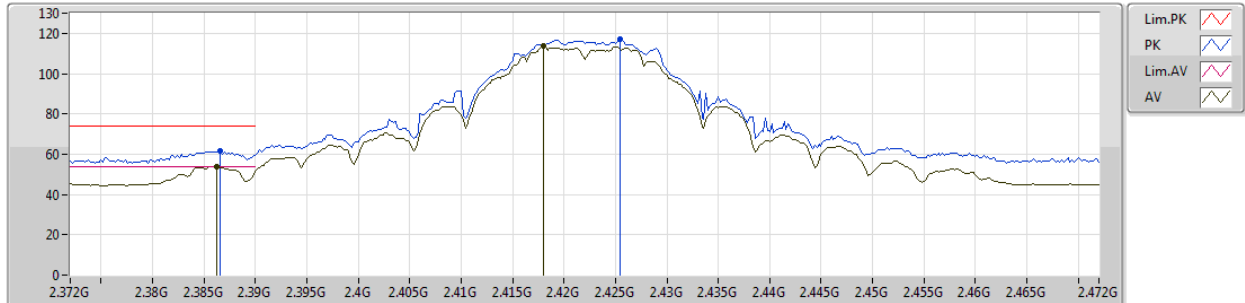


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.384G	49.43	54.00	-4.57	30.76	3	Vertical	69	2.24	-
AV	2.4212G	111.21	Inf	-Inf	30.89	3	Vertical	69	2.24	-
PK	2.3882G	58.87	74.00	-15.13	30.77	3	Vertical	69	2.24	-
PK	2.4212G	113.72	Inf	-Inf	30.89	3	Vertical	69	2.24	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2422MHz_TX

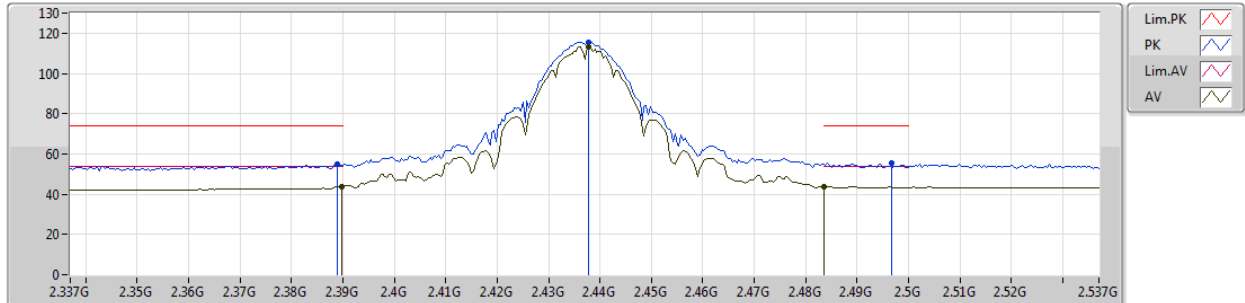


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3862G	53.88	54.00	-0.12	30.76	3	Horizontal	216	1.86	-
AV	2.418G	113.63	Inf	-Inf	30.87	3	Horizontal	216	1.86	-
PK	2.3866G	61.63	74.00	-12.37	30.76	3	Horizontal	216	1.86	-
PK	2.4254G	117.08	Inf	-Inf	30.90	3	Horizontal	216	1.86	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2437MHz_TX

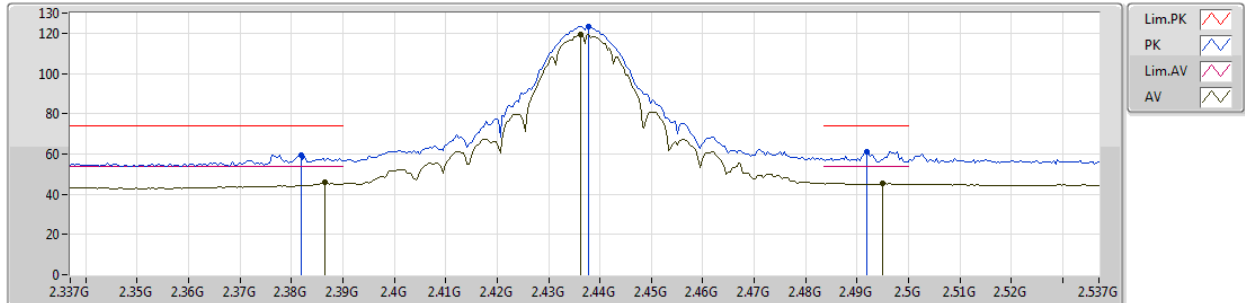


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.95	54.00	-10.05	30.38	3	Vertical	199	1.01	-
AV	2.4378G	113.22	Inf	-Inf	30.54	3	Vertical	199	1.01	-
AV	2.4835G	43.78	54.00	-10.22	30.69	3	Vertical	199	1.01	-
PK	2.389G	54.75	74.00	-19.25	30.37	3	Vertical	199	1.01	-
PK	2.4378G	115.48	Inf	-Inf	30.54	3	Vertical	199	1.01	-
PK	2.4966G	55.39	74.00	-18.61	30.74	3	Vertical	199	1.01	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2437MHz_TX

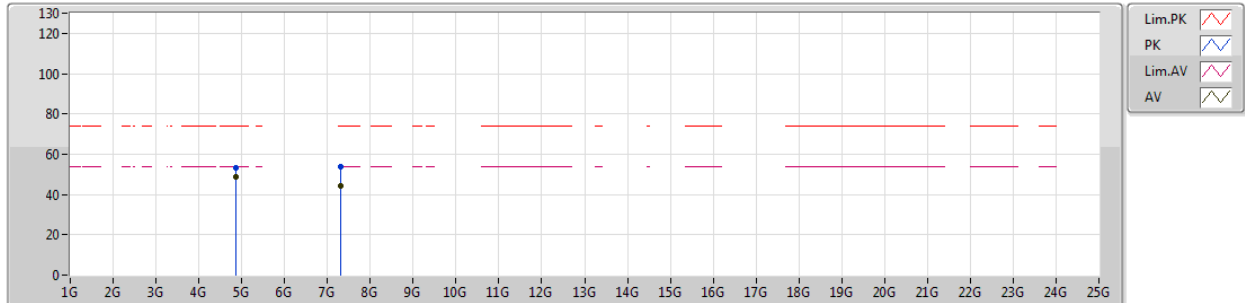


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3866G	45.74	54.00	-8.26	30.37	3	Horizontal	120	2.08	-
AV	2.4362G	119.37	Inf	-Inf	30.54	3	Horizontal	120	2.08	-
AV	2.495G	45.34	54.00	-8.66	30.74	3	Horizontal	120	2.08	-
PK	2.3818G	59.47	74.00	-14.53	30.35	3	Horizontal	120	2.08	-
PK	2.4378G	123.14	Inf	-Inf	30.54	3	Horizontal	120	2.08	-
PK	2.4918G	61.30	74.00	-12.70	30.72	3	Horizontal	120	2.08	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2437MHz_TX

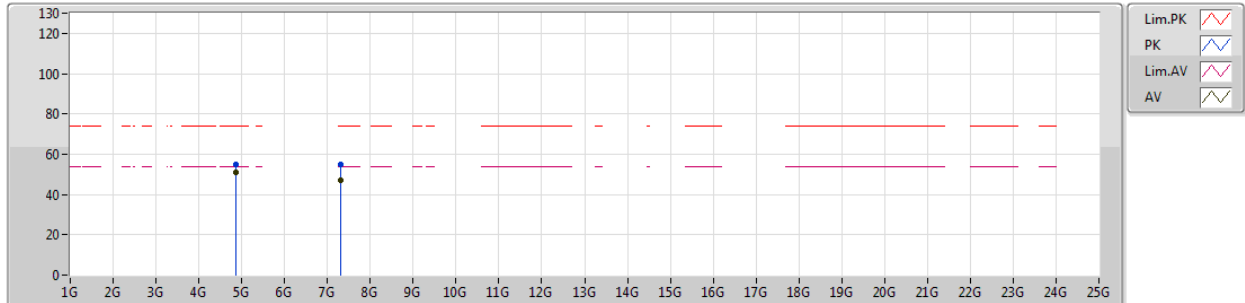


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87396G	48.81	54.00	-5.19	6.00	3	Vertical	141	1.30	-
AV	7.31166G	44.11	54.00	-9.89	11.22	3	Vertical	184	1.35	-
PK	4.874G	53.29	74.00	-20.71	6.00	3	Vertical	141	1.30	-
PK	7.31208G	53.55	74.00	-20.45	11.22	3	Vertical	184	1.35	-

802.11b_Nss1,(1Mbps)_4TX

22/09/2018

2437MHz_TX

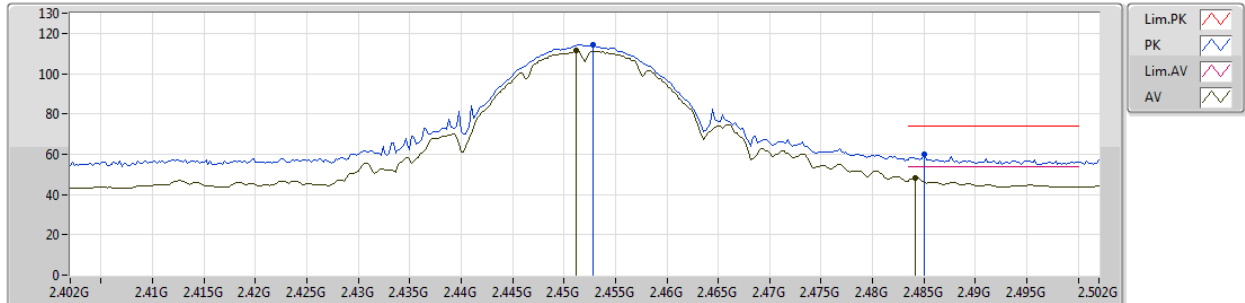


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87398G	51.11	54.00	-2.89	6.00	3	Horizontal	143	1.50	-
AV	7.31172G	47.01	54.00	-6.99	11.22	3	Horizontal	98	1.65	-
PK	4.87394G	54.82	74.00	-19.18	6.00	3	Horizontal	143	1.50	-
PK	7.30986G	54.92	74.00	-19.08	11.22	3	Horizontal	98	1.65	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2452MHz_TX

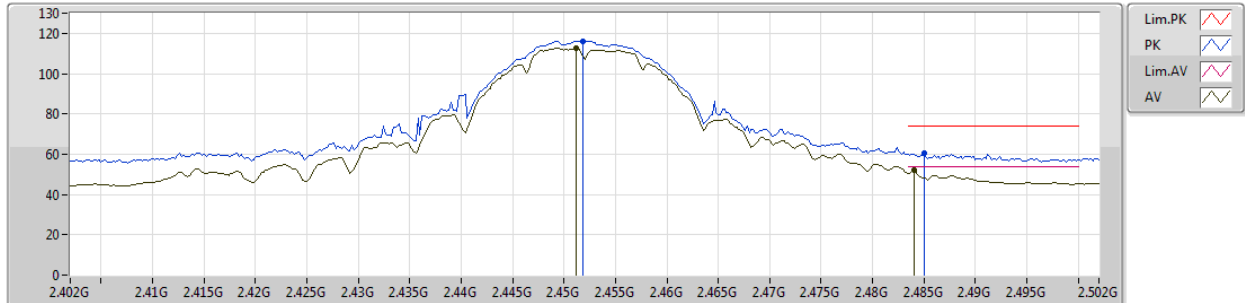


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4512G	111.38	Inf	-Inf	30.99	3	Vertical	88	1.49	-
AV	2.4842G	48.44	54.00	-5.56	31.12	3	Vertical	88	1.49	-
PK	2.4528G	114.14	Inf	-Inf	31.00	3	Vertical	88	1.49	-
PK	2.485G	59.68	74.00	-14.32	31.12	3	Vertical	88	1.49	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2452MHz_TX

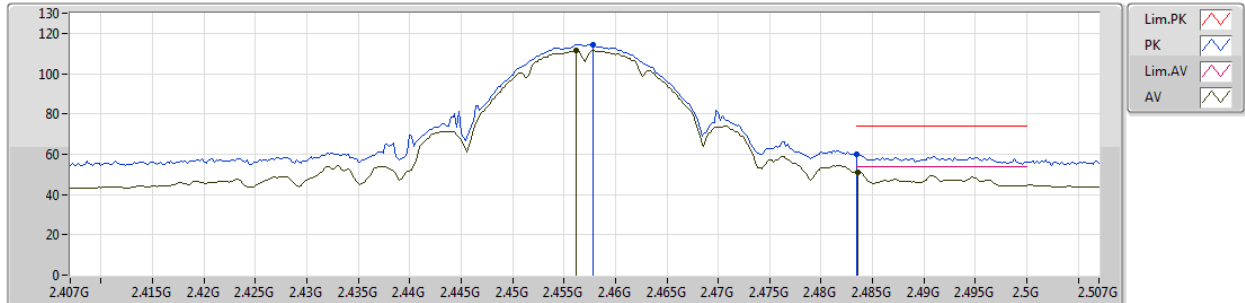


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4512G	112.62	Inf	-Inf	30.99	3	Horizontal	204	1.50	-
AV	2.484G	51.94	54.00	-2.06	31.12	3	Horizontal	204	1.50	-
PK	2.4518G	116.00	Inf	-Inf	31.00	3	Horizontal	204	1.50	-
PK	2.485G	60.54	74.00	-13.46	31.12	3	Horizontal	204	1.50	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2457MHz_TX

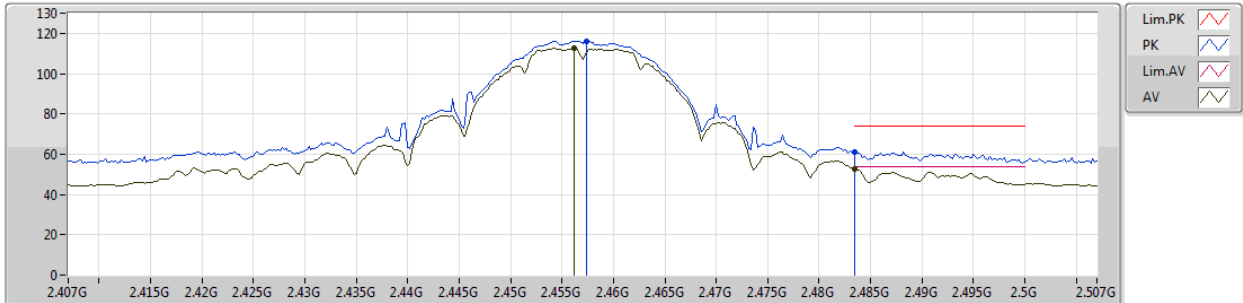


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4562G	111.48	Inf	-Inf	31.01	3	Vertical	77	1.90	-
AV	2.4836G	51.15	54.00	-2.85	31.11	3	Vertical	77	1.90	-
PK	2.4578G	114.24	Inf	-Inf	31.02	3	Vertical	77	1.90	-
PK	2.4835G	59.83	74.00	-14.17	31.11	3	Vertical	77	1.90	-

802.11b_Nss1,(1Mbps)_4TX

25/09/2018

2457MHz_TX

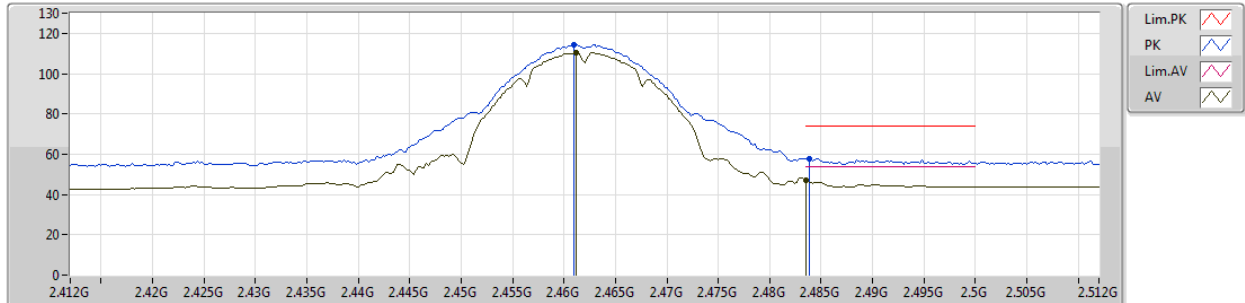


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4562G	112.58	Inf	-Inf	31.01	3	Horizontal	216	1.82	-
AV	2.4835G	52.66	54.00	-1.34	31.11	3	Horizontal	216	1.82	-
PK	2.4574G	116.00	Inf	-Inf	31.02	3	Horizontal	216	1.82	-
PK	2.4835G	61.24	74.00	-12.76	31.11	3	Horizontal	216	1.82	-

802.11b_Nss1,(1Mbps)_4TX

21/09/2018

2462MHz_TX

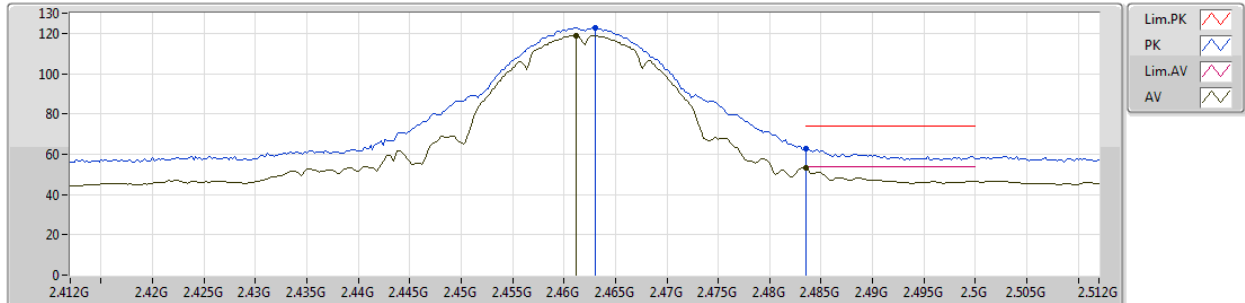


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	110.52	Inf	-Inf	30.62	3	Vertical	3	1.03	-
AV	2.4835G	47.21	54.00	-6.79	30.69	3	Vertical	3	1.03	-
PK	2.461G	114.35	Inf	-Inf	30.62	3	Vertical	3	1.03	-
PK	2.4838G	57.78	74.00	-16.22	30.69	3	Vertical	3	1.03	-

802.11b_Nss1,(1Mbps)_4TX

21/09/2018

2462MHz_TX

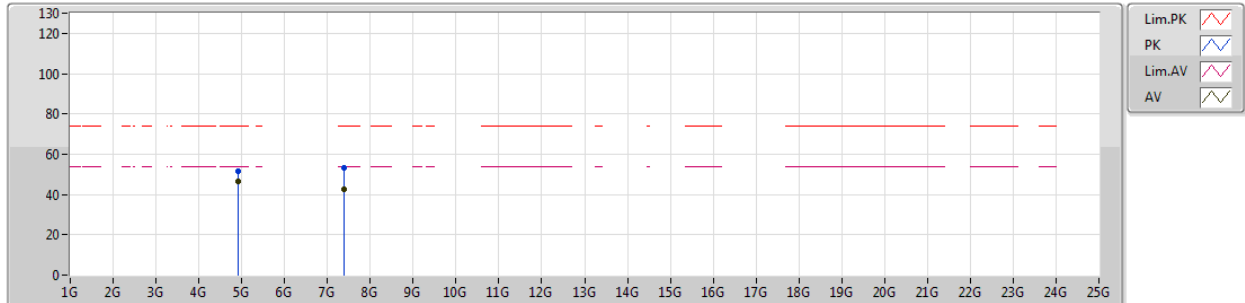


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	119.06	Inf	-Inf	30.62	3	Horizontal	135	1.62	-
AV	2.4835G	53.12	54.00	-0.88	30.69	3	Horizontal	135	1.62	-
PK	2.463G	122.86	Inf	-Inf	30.62	3	Horizontal	135	1.62	-
PK	2.4835G	62.66	74.00	-11.34	30.69	3	Horizontal	135	1.62	-

802.11b_Nss1,(1Mbps)_4TX

21/09/2018

2462MHz_TX

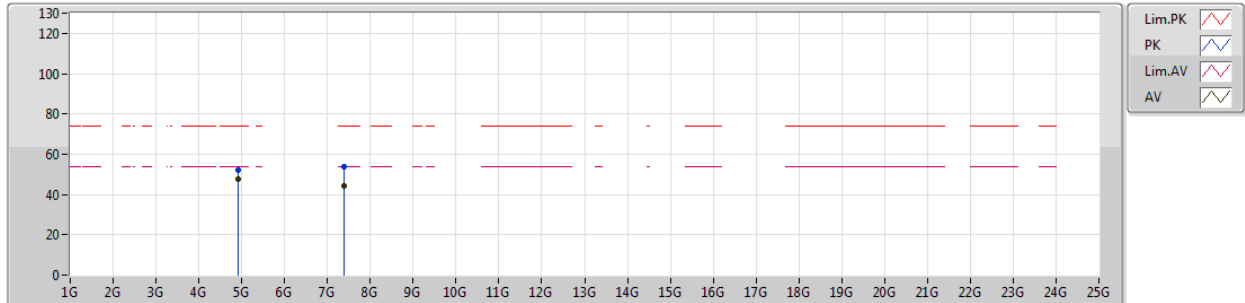


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92396G	46.44	54.00	-7.56	6.09	3	Vertical	165	1.43	-
AV	7.38522G	42.81	54.00	-11.19	11.42	3	Vertical	254	1.49	-
PK	4.92402G	51.33	74.00	-22.67	6.09	3	Vertical	165	1.43	-
PK	7.38654G	53.29	74.00	-20.71	11.43	3	Vertical	254	1.49	-

802.11b_Nss1,(1Mbps)_4TX

21/09/2018

2462MHz_TX

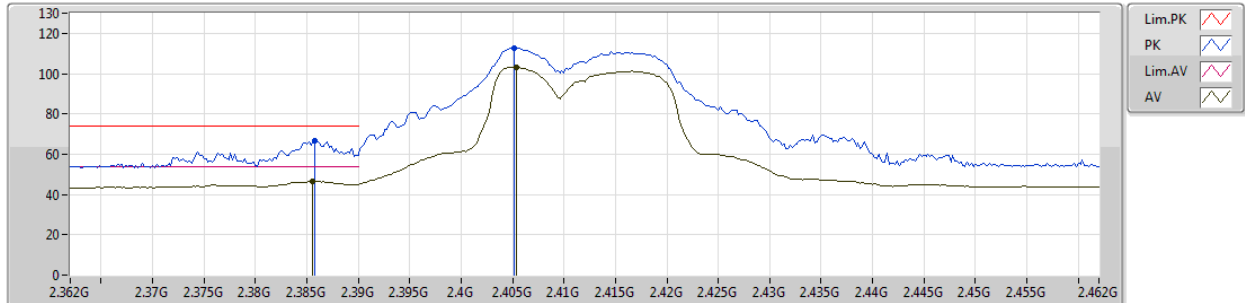


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92396G	47.75	54.00	-6.25	6.09	3	Horizontal	141	1.47	-
AV	7.38522G	44.30	54.00	-9.70	11.42	3	Horizontal	283	2.97	-
PK	4.92404G	51.96	74.00	-22.04	6.09	3	Horizontal	141	1.47	-
PK	7.38504G	53.91	74.00	-20.09	11.42	3	Horizontal	283	2.97	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2412MHz_TX

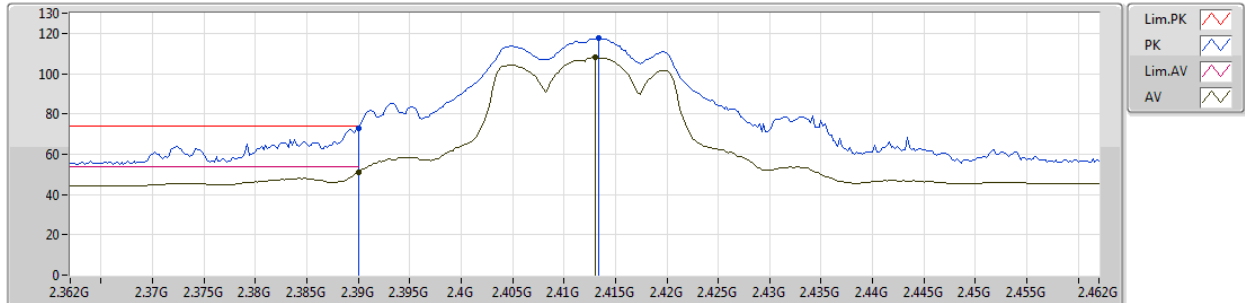


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3856G	46.65	54.00	-7.35	30.37	3	Vertical	203	1.85	-								
AV	2.4054G	103.24	Inf	-Inf	30.43	3	Vertical	203	1.85	-								
PK	2.3858G	66.47	74.00	-7.53	30.37	3	Vertical	203	1.85	-								
PK	2.4052G	112.60	Inf	-Inf	30.43	3	Vertical	203	1.85	-								

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2412MHz_TX

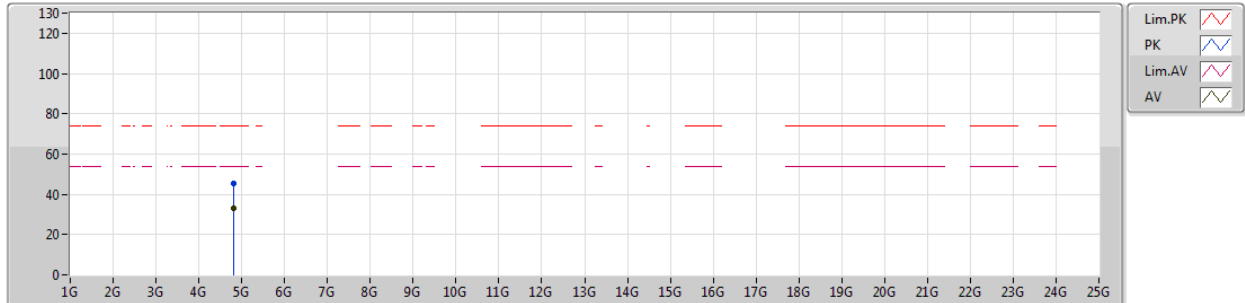


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	51.02	54.00	-2.98	30.38	3	Horizontal	144	1.54	-
AV	2.413G	108.05	Inf	-Inf	30.45	3	Horizontal	144	1.54	-
PK	2.39G	73.06	74.00	-0.94	30.38	3	Horizontal	144	1.54	-
PK	2.4134G	117.59	Inf	-Inf	30.45	3	Horizontal	144	1.54	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2412MHz_TX

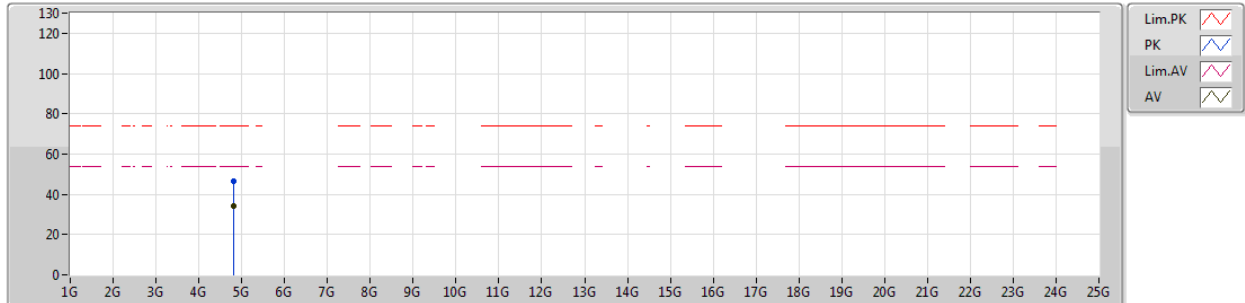


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	32.86	54.00	-21.14	5.89	3	Vertical	141	1.18	-
PK	4.8206G	45.63	74.00	-28.37	5.89	3	Vertical	141	1.18	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2412MHz_TX

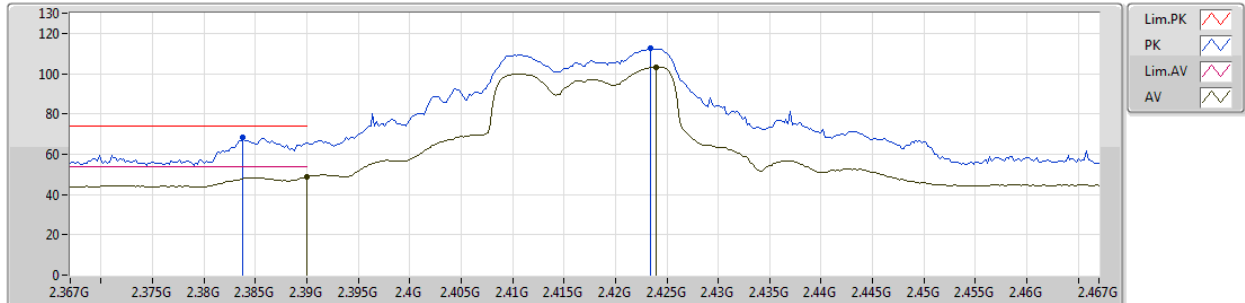


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	33.92	54.00	-20.08	5.89	3	Horizontal	171	1.47	-
PK	4.8136G	46.55	74.00	-27.45	5.88	3	Horizontal	171	1.47	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2417MHz_TX

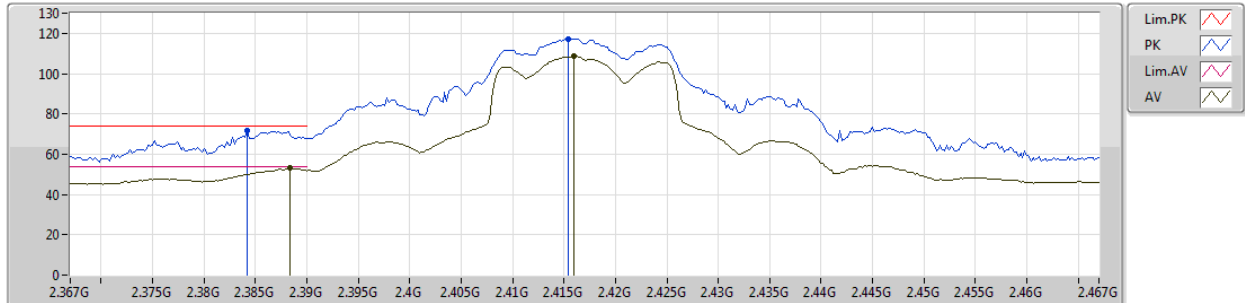


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.74	54.00	-5.26	30.77	3	Vertical	159	1.46	-
AV	2.424G	103.18	Inf	-Inf	30.90	3	Vertical	159	1.46	-
PK	2.3838G	68.14	74.00	-5.86	30.75	3	Vertical	159	1.46	-
PK	2.4234G	112.58	Inf	-Inf	30.90	3	Vertical	159	1.46	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2417MHz_TX

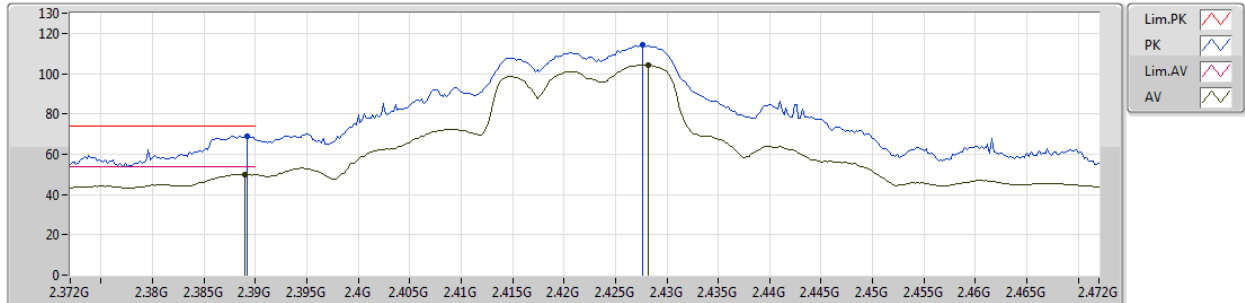


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3884G	53.04	54.00	-0.96	30.77	3	Horizontal	211	1.66	-
AV	2.416G	108.61	Inf	-Inf	30.86	3	Horizontal	211	1.66	-
PK	2.3842G	71.57	74.00	-2.43	30.76	3	Horizontal	211	1.66	-
PK	2.4154G	117.34	Inf	-Inf	30.86	3	Horizontal	211	1.66	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2422MHz_TX

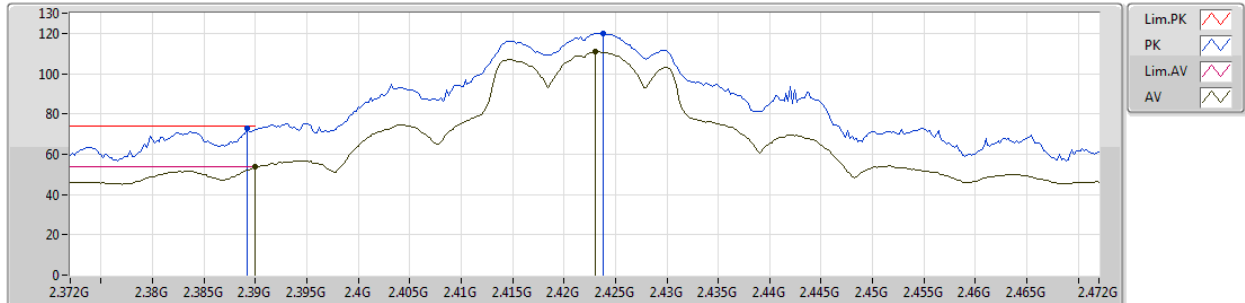


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	50.13	54.00	-3.87	30.37	3	Vertical	36	1.19	-
AV	2.4282G	104.24	Inf	-Inf	30.51	3	Vertical	36	1.19	-
PK	2.3892G	68.88	74.00	-5.12	30.37	3	Vertical	36	1.19	-
PK	2.4276G	114.16	Inf	-Inf	30.51	3	Vertical	36	1.19	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2422MHz_TX

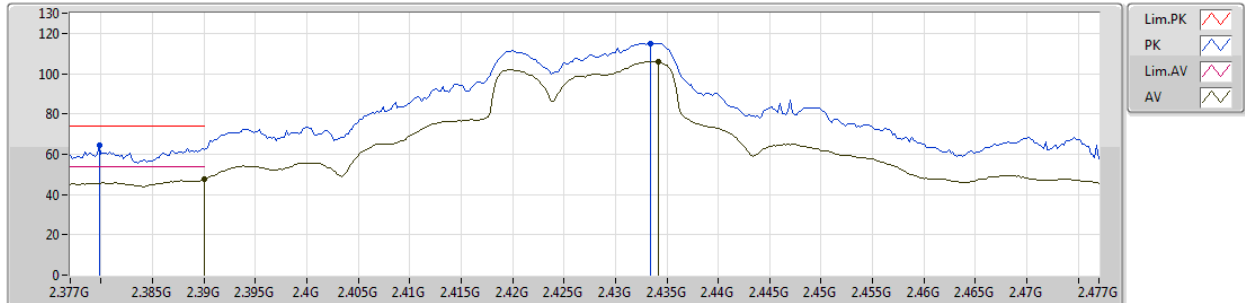


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.65	54.00	-0.35	30.38	3	Horizontal	146	1.72	-
AV	2.423G	110.76	Inf	-Inf	30.49	3	Horizontal	146	1.72	-
PK	2.3892G	73.00	74.00	-1.00	30.37	3	Horizontal	146	1.72	-
PK	2.4238G	120.00	Inf	-Inf	30.49	3	Horizontal	146	1.72	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2427MHz_TX

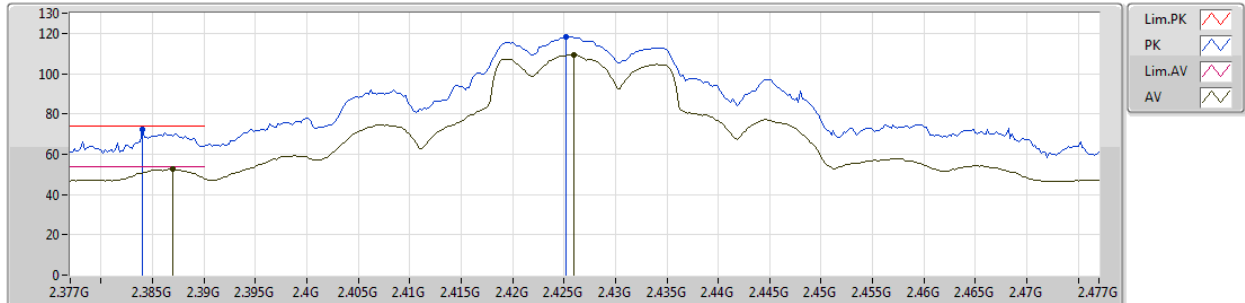


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.63	54.00	-6.37	30.77	3	Vertical	143	1.49	-
AV	2.4342G	106.07	Inf	-Inf	30.94	3	Vertical	143	1.49	-
PK	2.3798G	64.24	74.00	-9.76	30.74	3	Vertical	143	1.49	-
PK	2.4334G	115.11	Inf	-Inf	30.93	3	Vertical	143	1.49	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2427MHz_TX

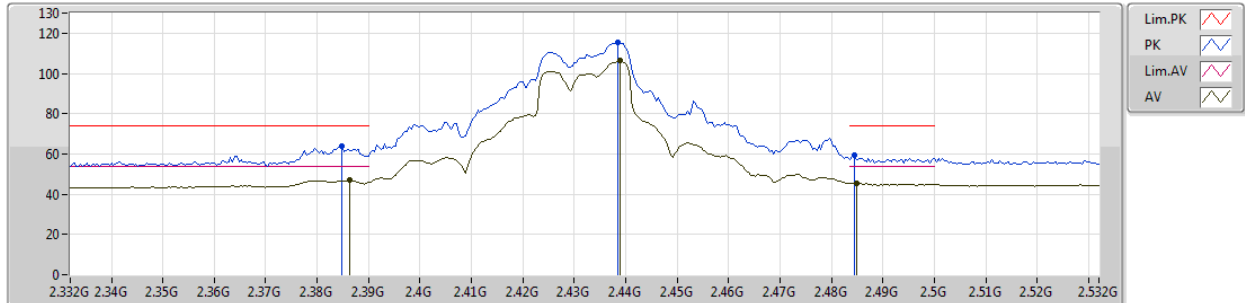


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.387G	52.58	54.00	-1.42	30.76	3	Horizontal	211	1.06	-							
AV	2.426G	109.31	Inf	-Inf	30.90	3	Horizontal	211	1.06	-							
PK	2.384G	72.52	74.00	-1.48	30.76	3	Horizontal	211	1.06	-							
PK	2.4252G	118.29	Inf	-Inf	30.90	3	Horizontal	211	1.06	-							

802.11g_Nss1,(6Mbps)_4TX

2432MHz_TX

25/09/2018

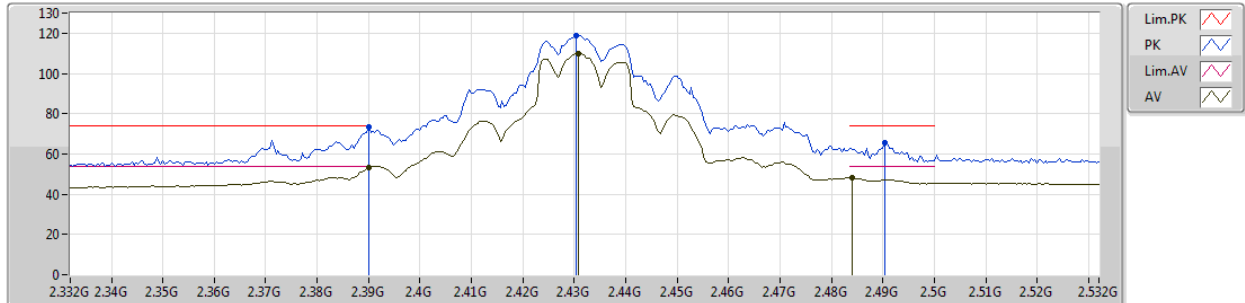


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3864G	46.87	54.00	-7.13	30.76	3	Vertical	150	1.50	-
AV	2.4388G	106.30	Inf	-Inf	30.95	3	Vertical	150	1.50	-
AV	2.4848G	45.27	54.00	-8.73	31.12	3	Vertical	150	1.50	-
PK	2.3848G	63.88	74.00	-10.12	30.76	3	Vertical	150	1.50	-
PK	2.4384G	115.52	Inf	-Inf	30.95	3	Vertical	150	1.50	-
PK	2.4844G	59.32	74.00	-14.68	31.12	3	Vertical	150	1.50	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2432MHz_TX

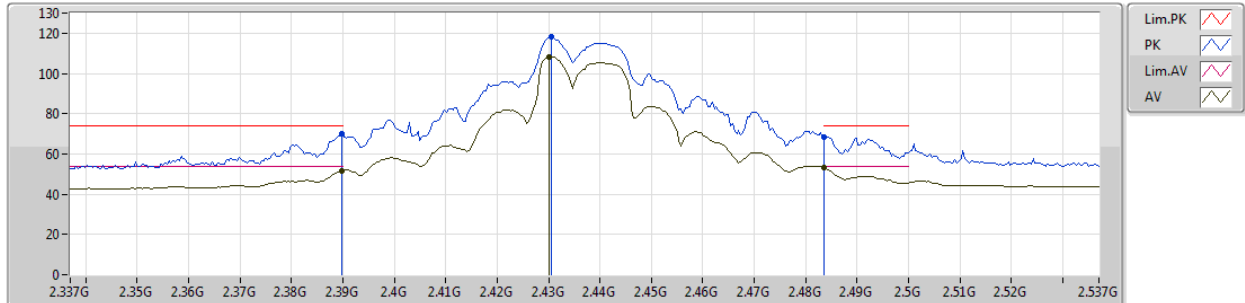


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.99	54.00	-1.01	30.77	3	Horizontal	209	1.07	-
AV	2.4308G	109.85	Inf	-Inf	30.92	3	Horizontal	209	1.07	-
AV	2.484G	48.18	54.00	-5.82	31.12	3	Horizontal	209	1.07	-
PK	2.39G	73.64	74.00	-0.36	30.77	3	Horizontal	209	1.07	-
PK	2.4304G	118.54	Inf	-Inf	30.92	3	Horizontal	209	1.07	-
PK	2.4904G	65.73	74.00	-8.27	31.13	3	Horizontal	209	1.07	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2437MHz_TX

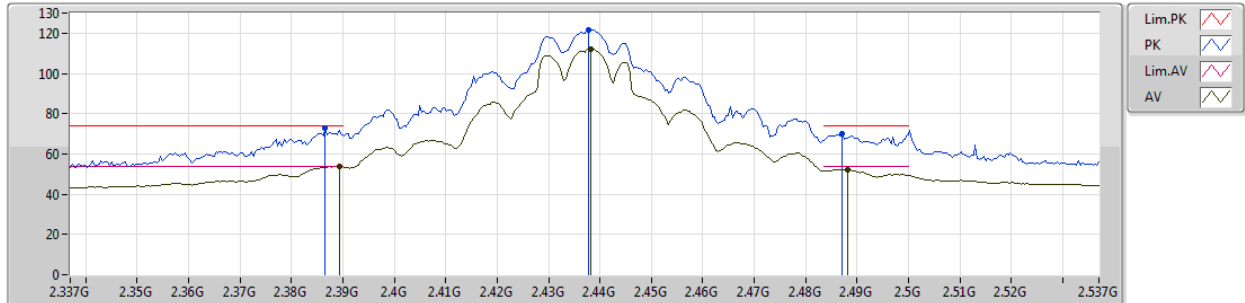


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	51.46	54.00	-2.54	30.38	3	Vertical	203	1.63	-
AV	2.4302G	108.23	Inf	-Inf	30.51	3	Vertical	203	1.63	-
AV	2.4835G	52.96	54.00	-1.04	30.69	3	Vertical	203	1.63	-
PK	2.3898G	69.86	74.00	-4.14	30.38	3	Vertical	203	1.63	-
PK	2.4306G	118.04	Inf	-Inf	30.51	3	Vertical	203	1.63	-
PK	2.4835G	68.64	74.00	-5.36	30.69	3	Vertical	203	1.63	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2437MHz_TX

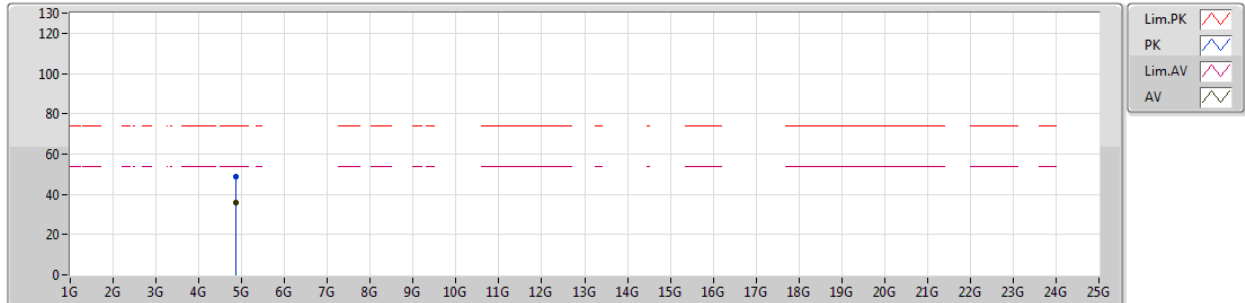


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	53.88	54.00	-0.12	30.37	3	Horizontal	144	1.64	-
AV	2.4382G	112.33	Inf	-Inf	30.54	3	Horizontal	144	1.64	-
AV	2.4882G	52.25	54.00	-1.75	30.71	3	Horizontal	144	1.64	-
PK	2.3866G	72.76	74.00	-1.24	30.37	3	Horizontal	144	1.64	-
PK	2.4378G	121.41	Inf	-Inf	30.54	3	Horizontal	144	1.64	-
PK	2.487G	70.13	74.00	-3.87	30.71	3	Horizontal	144	1.64	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2437MHz_TX

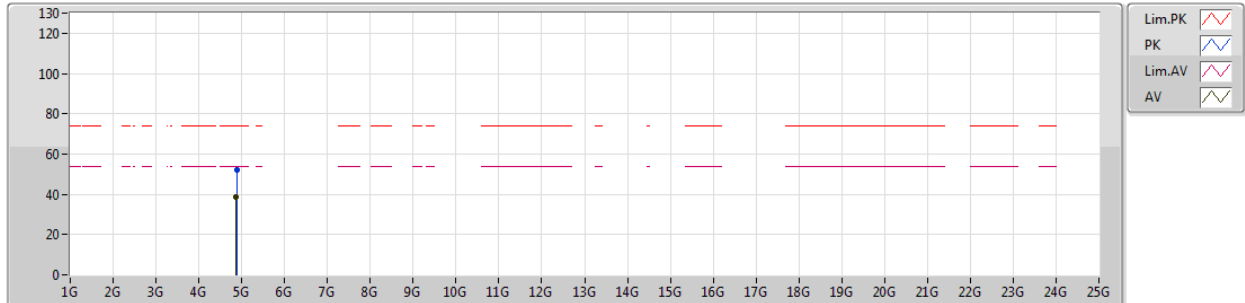


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8742G	35.89	54.00	-18.11	6.00	3	Vertical	141	1.22	-
PK	4.8744G	48.80	74.00	-25.20	6.00	3	Vertical	141	1.22	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2437MHz_TX

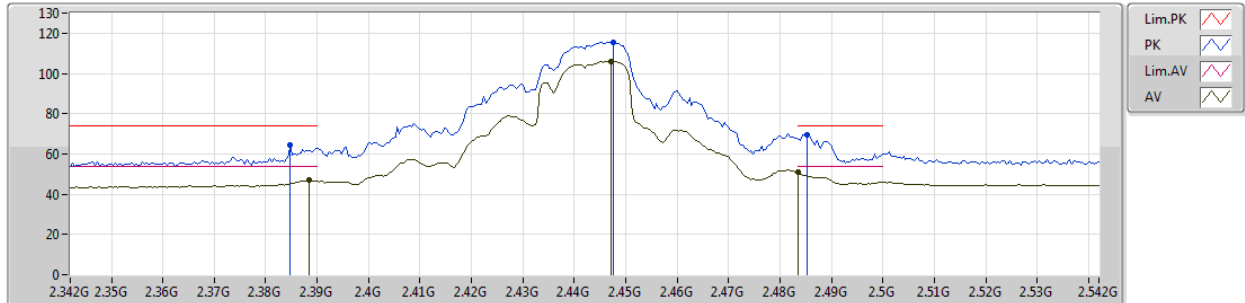


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8739G	38.81	54.00	-15.19	6.00	3	Horizontal	170	1.48	-
PK	4.8798G	52.32	74.00	-21.68	6.01	3	Horizontal	170	1.48	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2442MHz_TX

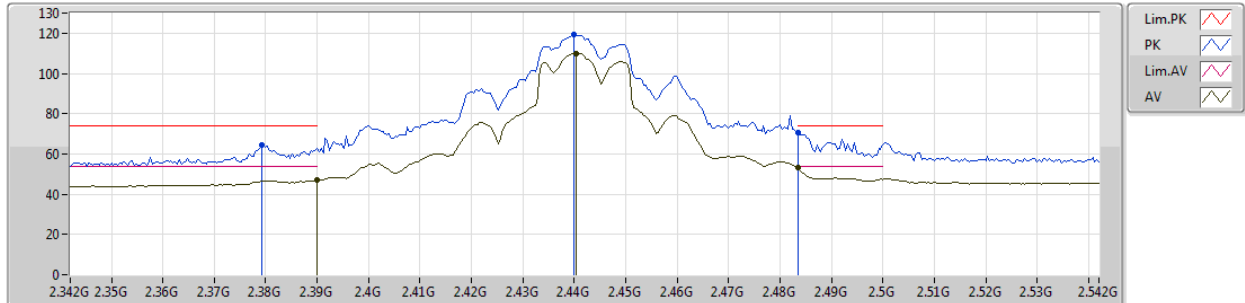


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3884G	46.80	54.00	-7.20	30.77	3	Vertical	126	1.12	-
AV	2.4472G	106.05	Inf	-Inf	30.98	3	Vertical	126	1.12	-
AV	2.4835G	50.73	54.00	-3.27	31.11	3	Vertical	126	1.12	-
PK	2.3884G	64.58	74.00	-9.42	30.76	3	Vertical	126	1.12	-
PK	2.4476G	115.68	Inf	-Inf	30.98	3	Vertical	126	1.12	-
PK	2.4852G	69.38	74.00	-4.62	31.12	3	Vertical	126	1.12	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2442MHz_TX

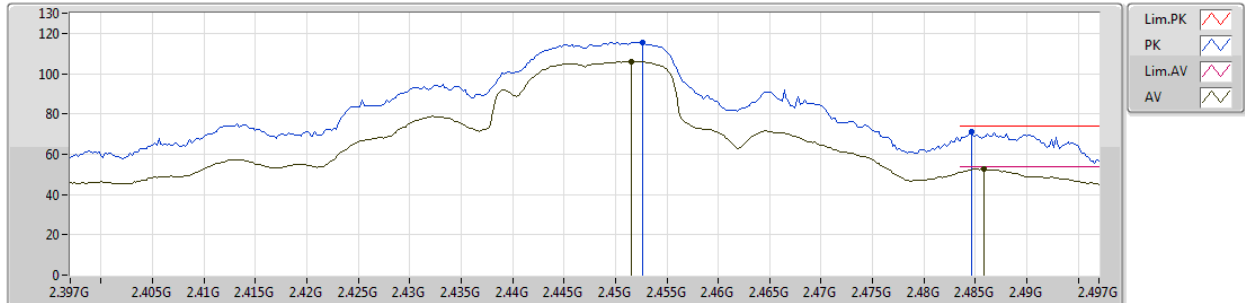


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.15	54.00	-6.85	30.77	3	Horizontal	202	1.50	-
AV	2.4404G	110.10	Inf	-Inf	30.95	3	Horizontal	202	1.50	-
AV	2.4835G	53.08	54.00	-0.92	31.11	3	Horizontal	202	1.50	-
PK	2.3792G	64.18	74.00	-9.82	30.74	3	Horizontal	202	1.50	-
PK	2.44G	119.55	Inf	-Inf	30.95	3	Horizontal	202	1.50	-
PK	2.4835G	70.40	74.00	-3.60	31.11	3	Horizontal	202	1.50	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2447MHz_TX

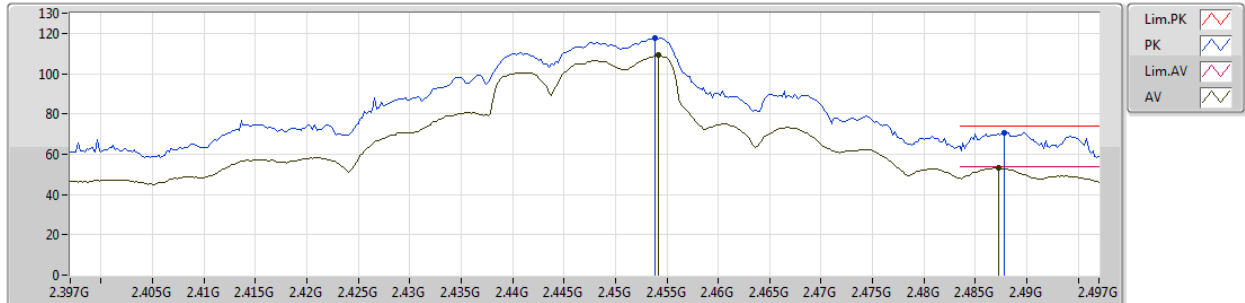


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4516G	105.91	Inf	-Inf	30.99	3	Vertical	121	1.12	-
AV	2.4858G	52.85	54.00	-1.15	31.12	3	Vertical	121	1.12	-
PK	2.4526G	115.48	Inf	-Inf	31.00	3	Vertical	121	1.12	-
PK	2.4846G	70.89	74.00	-3.11	31.12	3	Vertical	121	1.12	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2447MHz_TX

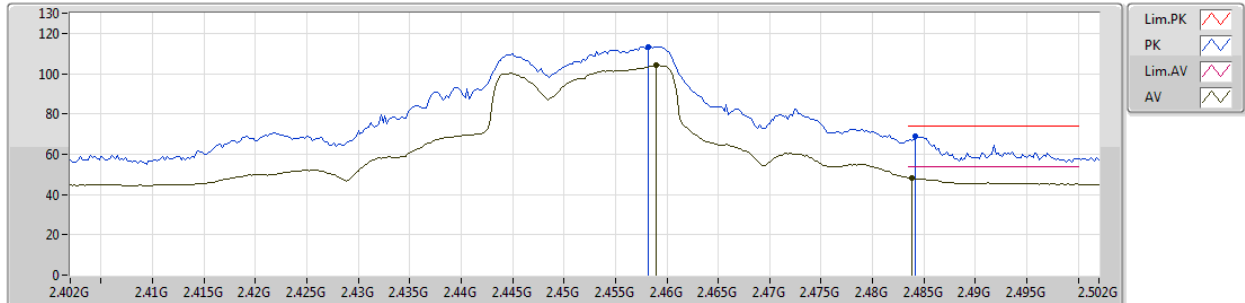


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4542G	109.01	Inf	-Inf	31.00	3	Horizontal	32	1.84	-
AV	2.4872G	53.06	54.00	-0.94	31.12	3	Horizontal	32	1.84	-
PK	2.4538G	117.61	Inf	-Inf	31.00	3	Horizontal	32	1.84	-
PK	2.4878G	70.63	74.00	-3.37	31.13	3	Horizontal	32	1.84	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2452MHz_TX

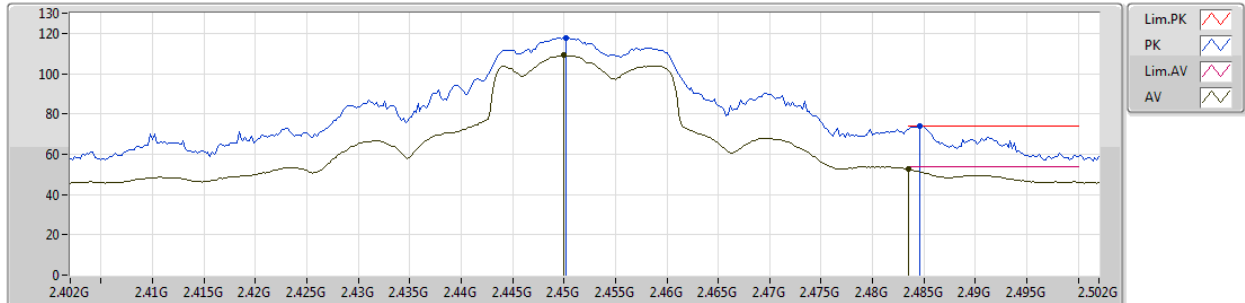


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.459G	104.11	Inf	-Inf	31.03	3	Vertical	143	1.50	-
AV	2.4838G	48.34	54.00	-5.66	31.11	3	Vertical	143	1.50	-
PK	2.4582G	113.41	Inf	-Inf	31.02	3	Vertical	143	1.50	-
PK	2.4842G	68.80	74.00	-5.20	31.12	3	Vertical	143	1.50	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2452MHz_TX

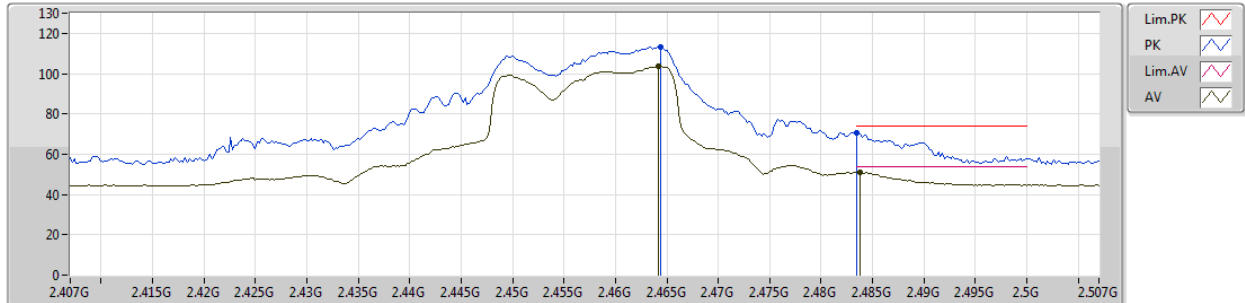


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.45G	109.06	Inf	-Inf	30.99	3	Horizontal	203	1.34	-
AV	2.4835G	52.40	54.00	-1.60	31.11	3	Horizontal	203	1.34	-
PK	2.4502G	117.95	Inf	-Inf	30.99	3	Horizontal	203	1.34	-
PK	2.4846G	73.88	74.00	-0.12	31.12	3	Horizontal	203	1.34	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2457MHz_TX

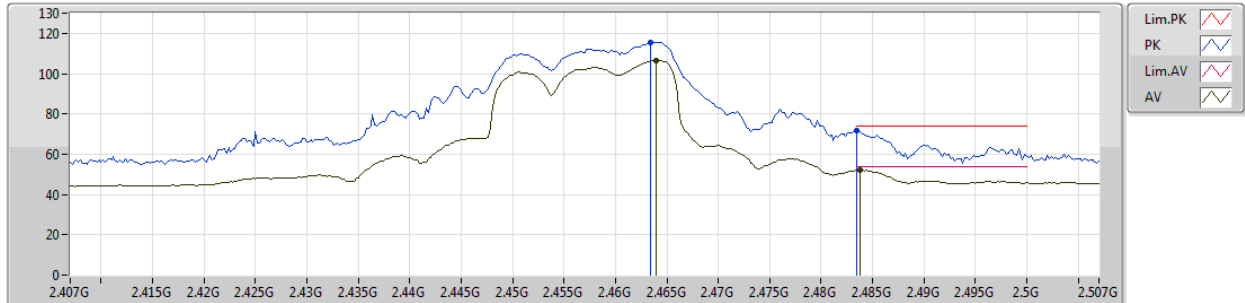


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4642G	103.74	Inf	-Inf	31.04	3	Vertical	143	1.50	-
AV	2.4838G	50.78	54.00	-3.22	31.11	3	Vertical	143	1.50	-
PK	2.4644G	112.99	Inf	-Inf	31.04	3	Vertical	143	1.50	-
PK	2.4835G	70.35	74.00	-3.65	31.11	3	Vertical	143	1.50	-

802.11g_Nss1,(6Mbps)_4TX

25/09/2018

2457MHz_TX

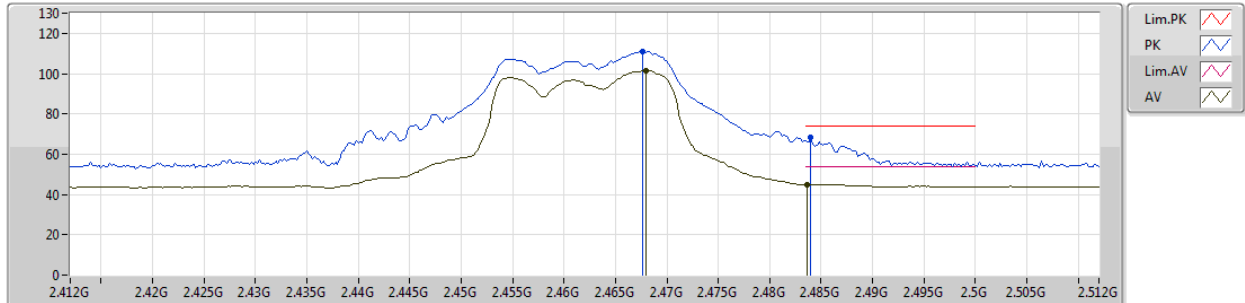


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.464G	106.46	Inf	-Inf	31.04	3	Horizontal	32	1.81	-
AV	2.4838G	52.26	54.00	-1.74	31.11	3	Horizontal	32	1.81	-
PK	2.4634G	115.52	Inf	-Inf	31.04	3	Horizontal	32	1.81	-
PK	2.4835G	71.59	74.00	-2.41	31.11	3	Horizontal	32	1.81	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2462MHz_TX

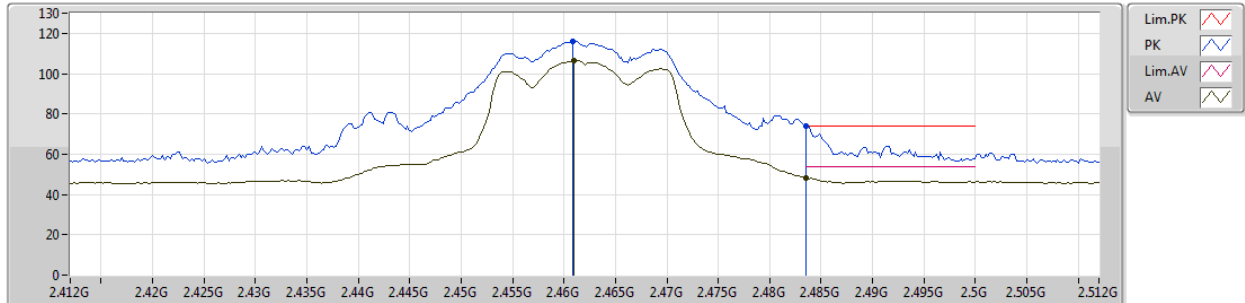


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.468G	101.30	Inf	-Inf	30.64	3	Vertical	40	2.35	-
AV	2.4836G	44.94	54.00	-9.06	30.69	3	Vertical	40	2.35	-
PK	2.4676G	110.99	Inf	-Inf	30.64	3	Vertical	40	2.35	-
PK	2.484G	68.25	74.00	-5.75	30.69	3	Vertical	40	2.35	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2462MHz_TX

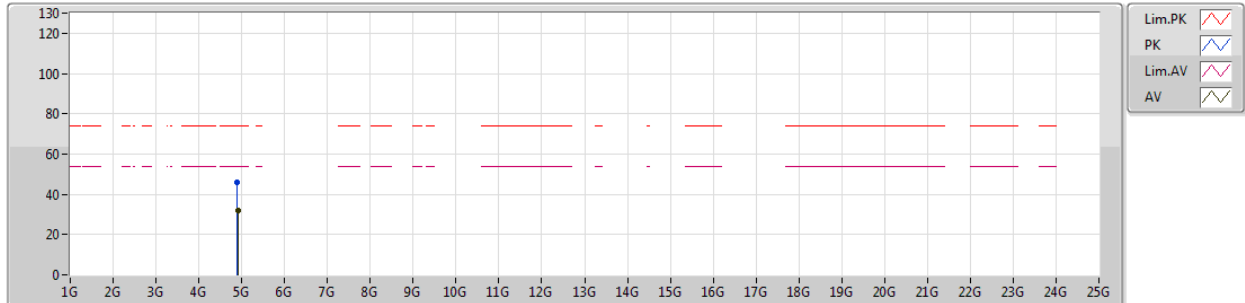


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.461G	106.38	Inf	-Inf	30.62	3	Horizontal	132	1.59	-
AV	2.4835G	48.19	54.00	-5.81	30.69	3	Horizontal	132	1.59	-
PK	2.4608G	115.90	Inf	-Inf	30.62	3	Horizontal	132	1.59	-
PK	2.4835G	73.84	74.00	-0.16	30.69	3	Horizontal	132	1.59	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2462MHz_TX

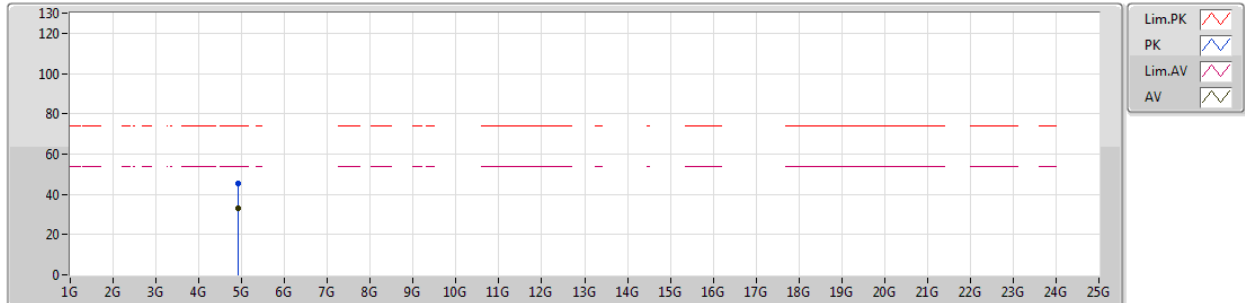


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9239G	32.09	54.00	-21.91	6.09	3	Vertical	154	1.31	-
PK	4.9031G	45.67	74.00	-28.33	6.05	3	Vertical	154	1.31	-

802.11g_Nss1,(6Mbps)_4TX

22/09/2018

2462MHz_TX

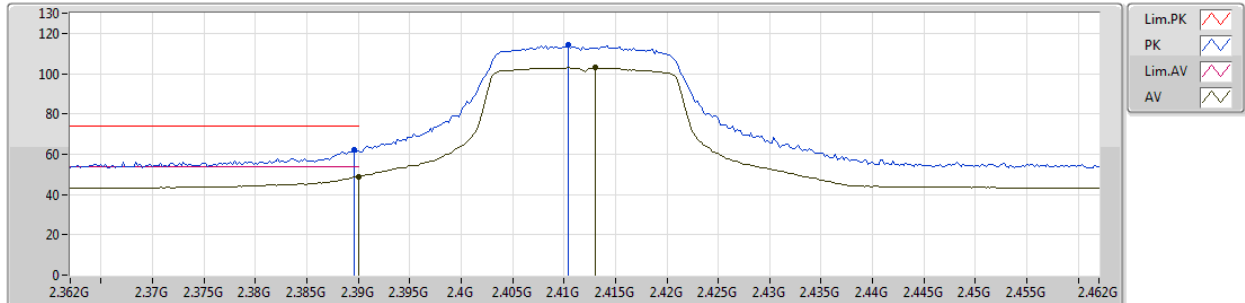


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.924G	32.98	54.00	-21.02	6.09	3	Horizontal	179	1.63	-								
PK	4.9236G	45.17	74.00	-28.83	6.09	3	Horizontal	179	1.63	-								

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2412MHz_TX

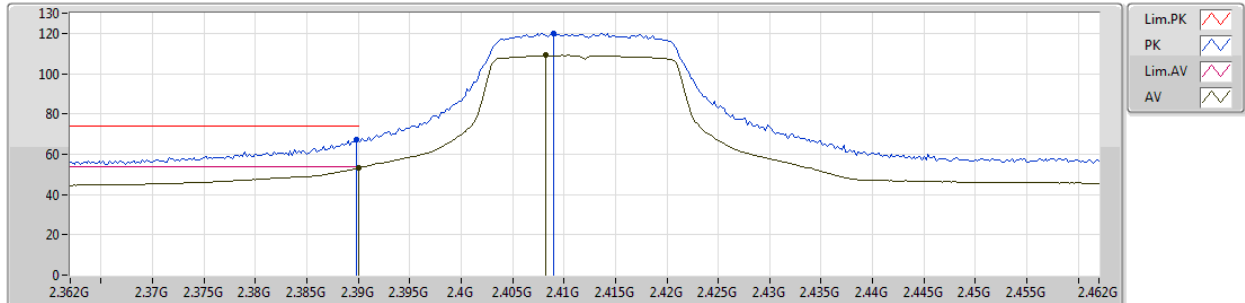


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.97	54.00	-5.03	30.38	3	Vertical	193	1.20	-
AV	2.413G	102.85	Inf	-Inf	30.45	3	Vertical	193	1.20	-
PK	2.3896G	61.96	74.00	-12.04	30.38	3	Vertical	193	1.20	-
PK	2.4104G	114.16	Inf	-Inf	30.44	3	Vertical	193	1.20	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2412MHz_TX

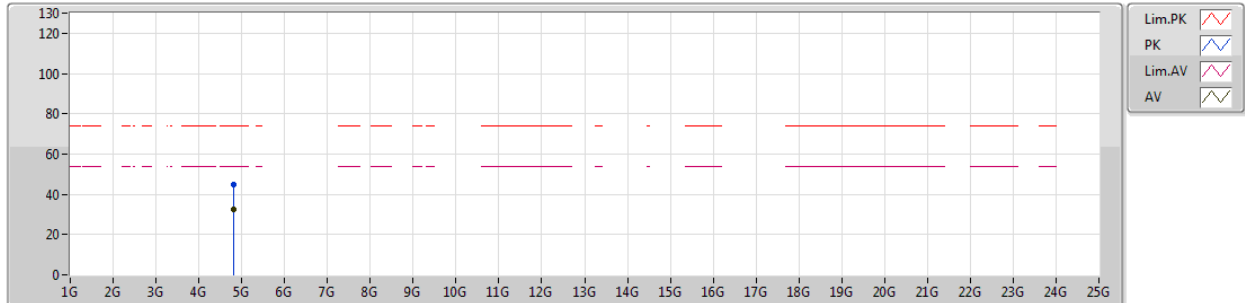


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.14	54.00	-0.86	30.38	3	Horizontal	141	1.51	-
AV	2.4082G	109.13	Inf	-Inf	30.44	3	Horizontal	141	1.51	-
PK	2.3898G	67.00	74.00	-7.00	30.38	3	Horizontal	141	1.51	-
PK	2.409G	120.02	Inf	-Inf	30.44	3	Horizontal	141	1.51	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2412MHz_TX

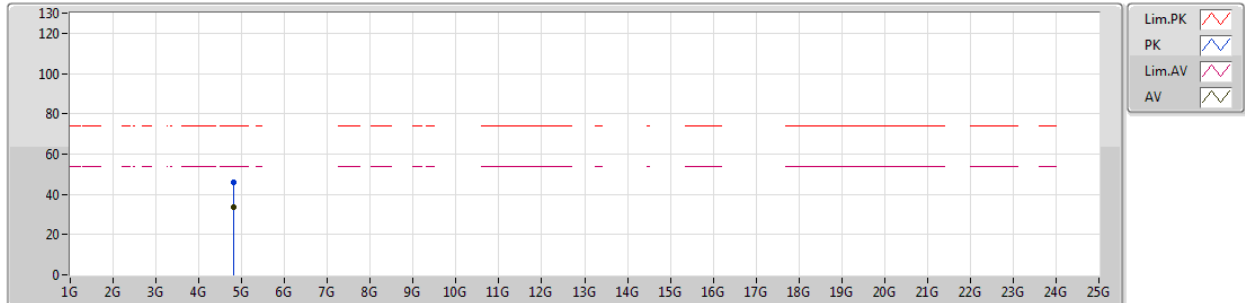


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8239G	32.49	54.00	-21.51	5.89	3	Vertical	143	1.21	-
PK	4.818G	45.01	74.00	-28.99	5.89	3	Vertical	143	1.21	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2412MHz_TX

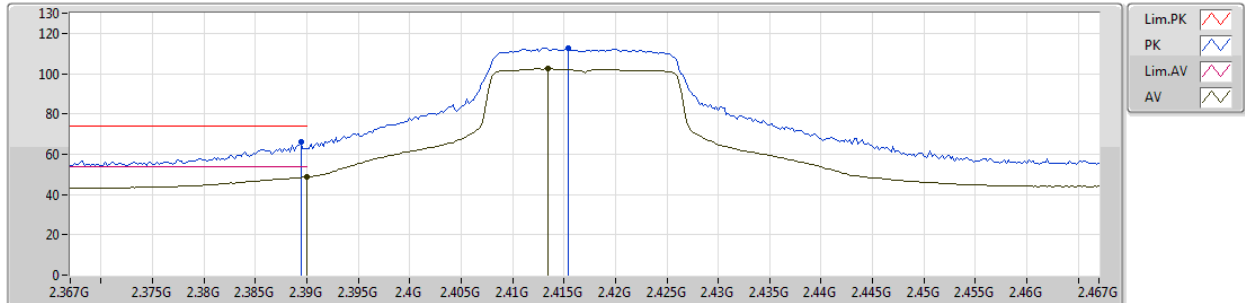


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8241G	33.77	54.00	-20.23	5.89	3	Horizontal	171	1.38	-
PK	4.8242G	46.21	74.00	-27.79	5.89	3	Horizontal	171	1.38	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2417MHz_TX

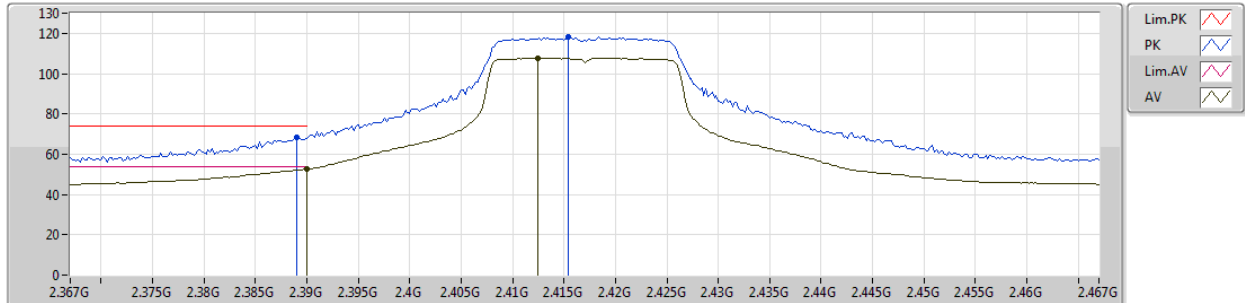


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.70	54.00	-5.30	30.77	3	Vertical	78	1.77	-
AV	2.4134G	102.58	Inf	-Inf	30.86	3	Vertical	78	1.77	-
PK	2.3894G	65.89	74.00	-8.11	30.77	3	Vertical	78	1.77	-
PK	2.4154G	112.70	Inf	-Inf	30.86	3	Vertical	78	1.77	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2417MHz_TX

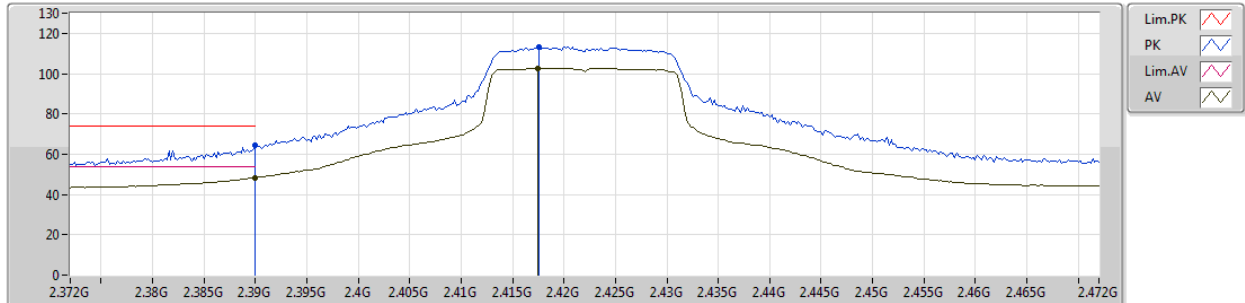


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.68	54.00	-1.32	30.77	3	Horizontal	202	2.07	-
AV	2.4124G	107.70	Inf	-Inf	30.85	3	Horizontal	202	2.07	-
PK	2.389G	68.47	74.00	-5.53	30.77	3	Horizontal	202	2.07	-
PK	2.4154G	118.30	Inf	-Inf	30.86	3	Horizontal	202	2.07	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2422MHz_TX

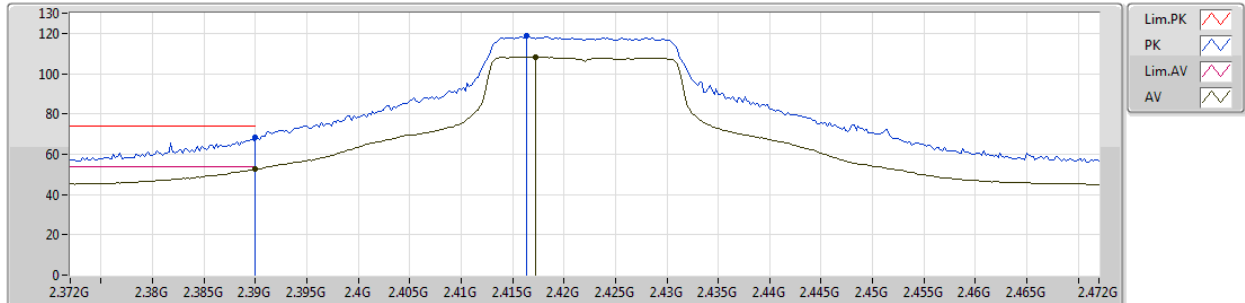


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.19	54.00	-5.81	30.77	3	Vertical	77	1.78	-
AV	2.4174G	102.73	Inf	-Inf	30.87	3	Vertical	77	1.78	-
PK	2.39G	64.16	74.00	-9.84	30.77	3	Vertical	77	1.78	-
PK	2.4176G	113.40	Inf	-Inf	30.87	3	Vertical	77	1.78	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2422MHz_TX

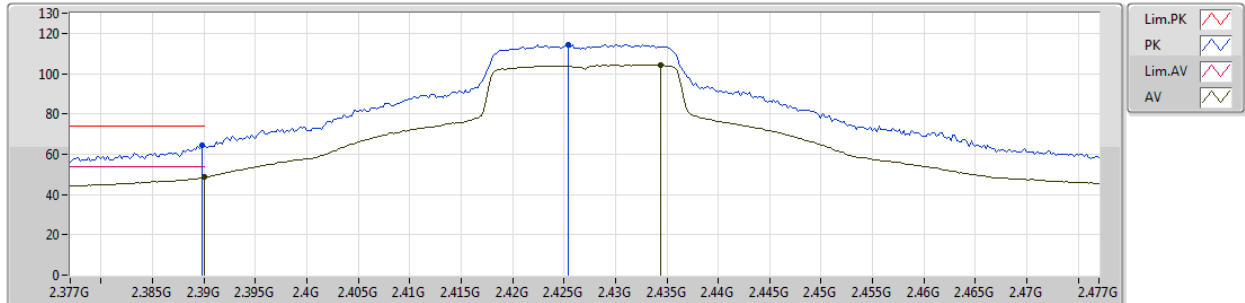


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.41	54.00	-1.59	30.77	3	Horizontal	213	1.72	-
AV	2.4172G	108.21	Inf	-Inf	30.87	3	Horizontal	213	1.72	-
PK	2.39G	68.30	74.00	-5.70	30.77	3	Horizontal	213	1.72	-
PK	2.4164G	118.71	Inf	-Inf	30.87	3	Horizontal	213	1.72	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2427MHz_TX

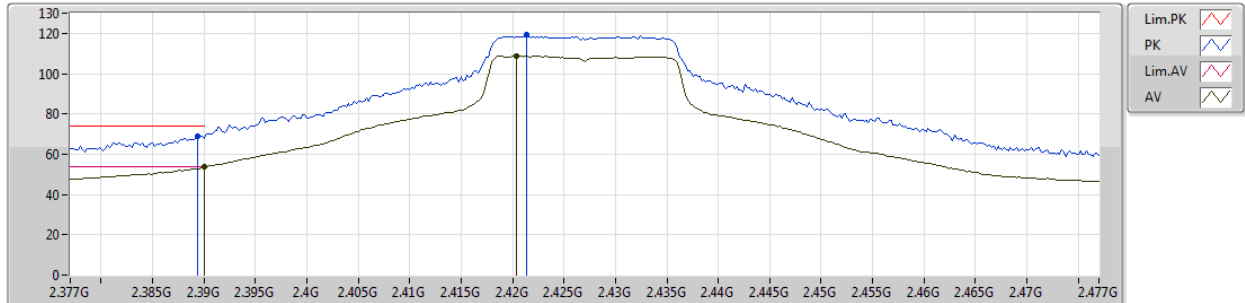


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.48	54.00	-5.52	30.77	3	Vertical	79	1.95	-
AV	2.4344G	104.26	Inf	-Inf	30.94	3	Vertical	79	1.95	-
PK	2.3898G	64.35	74.00	-9.65	30.77	3	Vertical	79	1.95	-
PK	2.4254G	114.31	Inf	-Inf	30.90	3	Vertical	79	1.95	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2427MHz_TX

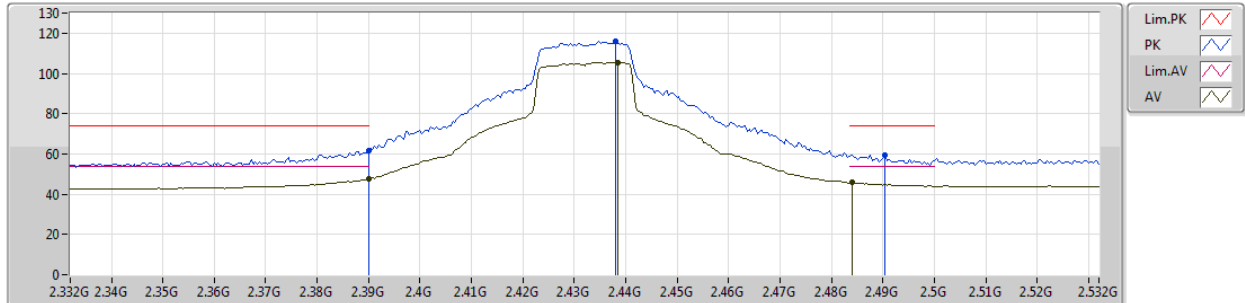


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.52	54.00	-0.48	30.77	3	Horizontal	201	1.91	-
AV	2.4204G	108.63	Inf	-Inf	30.89	3	Horizontal	201	1.91	-
PK	2.3894G	68.96	74.00	-5.04	30.77	3	Horizontal	201	1.91	-
PK	2.4214G	119.24	Inf	-Inf	30.89	3	Horizontal	201	1.91	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2432MHz_TX

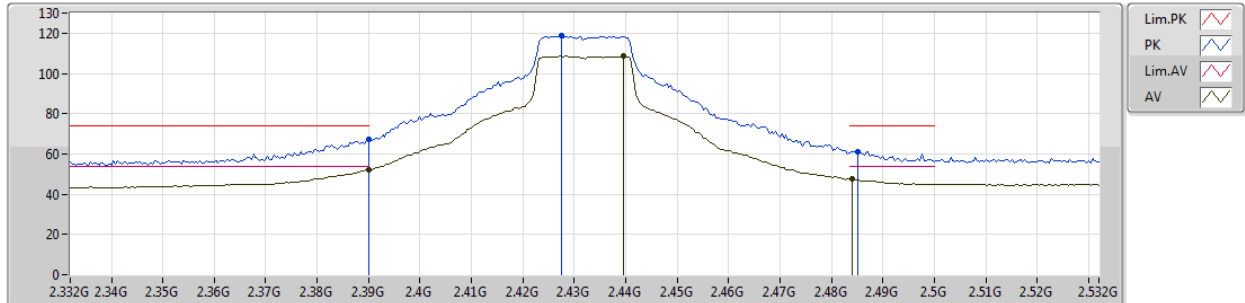


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.37	54.00	-6.63	30.77	3	Vertical	81	1.95	-
AV	2.4384G	105.36	Inf	-Inf	30.95	3	Vertical	81	1.95	-
AV	2.484G	45.82	54.00	-8.18	31.12	3	Vertical	81	1.95	-
PK	2.39G	61.72	74.00	-12.28	30.77	3	Vertical	81	1.95	-
PK	2.438G	115.92	Inf	-Inf	30.95	3	Vertical	81	1.95	-
PK	2.4904G	59.63	74.00	-14.37	31.13	3	Vertical	81	1.95	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2432MHz_TX

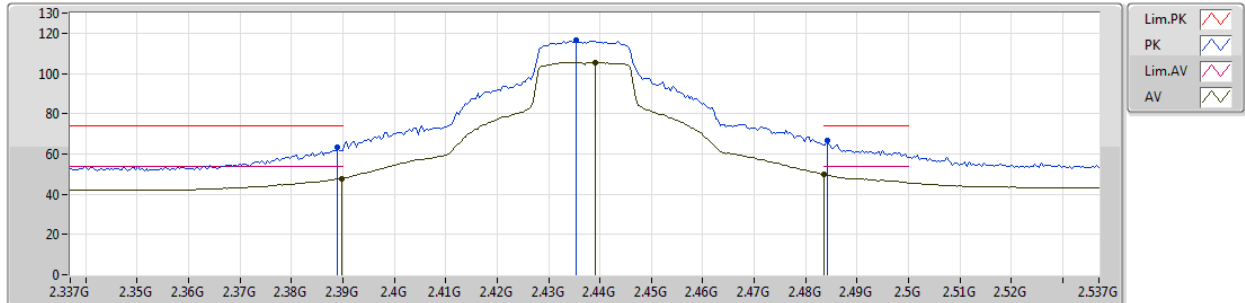


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	51.99	54.00	-2.01	30.77	3	Horizontal	214	1.50	-
AV	2.4396G	108.54	Inf	-Inf	30.95	3	Horizontal	214	1.50	-
AV	2.484G	47.35	54.00	-6.65	31.12	3	Horizontal	214	1.50	-
PK	2.39G	67.03	74.00	-6.97	30.77	3	Horizontal	214	1.50	-
PK	2.4276G	118.93	Inf	-Inf	30.91	3	Horizontal	214	1.50	-
PK	2.4852G	61.24	74.00	-12.76	31.12	3	Horizontal	214	1.50	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

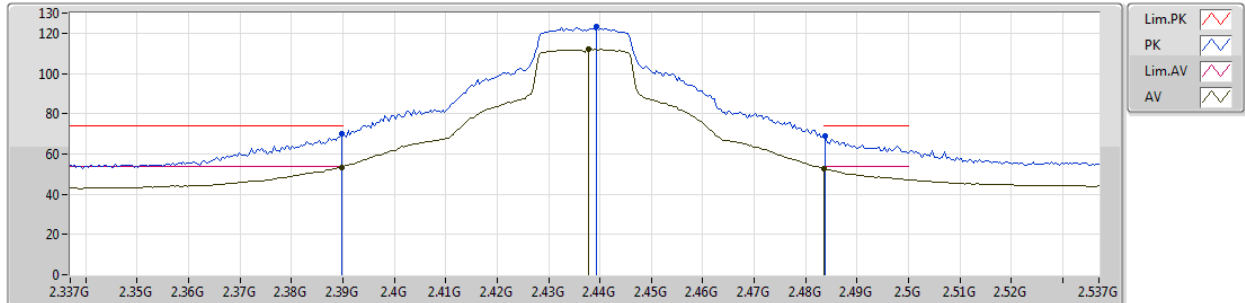


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.65	54.00	-6.35	30.38	3	Vertical	336	2.12	-
AV	2.439G	105.59	Inf	-Inf	30.54	3	Vertical	336	2.12	-
AV	2.4835G	49.70	54.00	-4.30	30.69	3	Vertical	336	2.12	-
PK	2.389G	63.06	74.00	-10.94	30.37	3	Vertical	336	2.12	-
PK	2.4354G	116.62	Inf	-Inf	30.53	3	Vertical	336	2.12	-
PK	2.4842G	66.54	74.00	-7.46	30.69	3	Vertical	336	2.12	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

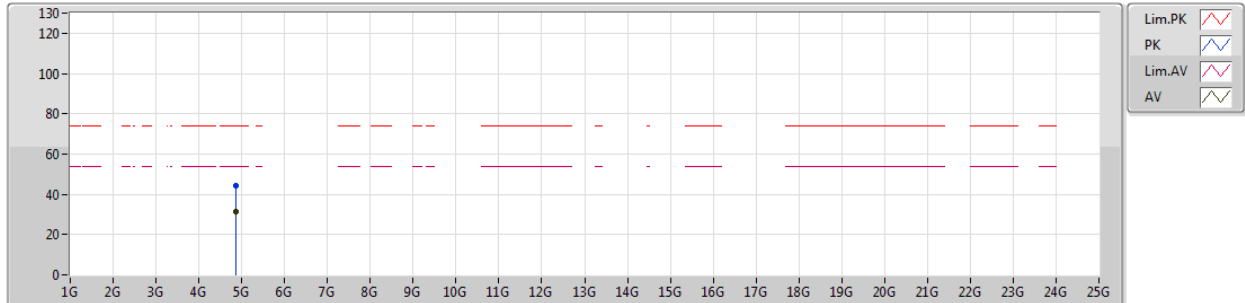


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.44	54.00	-0.56	30.38	3	Horizontal	143	1.65	-
AV	2.4378G	111.92	Inf	-Inf	30.54	3	Horizontal	143	1.65	-
AV	2.4835G	52.71	54.00	-1.29	30.69	3	Horizontal	143	1.65	-
PK	2.3898G	69.89	74.00	-4.11	30.38	3	Horizontal	143	1.65	-
PK	2.4394G	123.05	Inf	-Inf	30.54	3	Horizontal	143	1.65	-
PK	2.4838G	68.99	74.00	-5.01	30.69	3	Horizontal	143	1.65	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

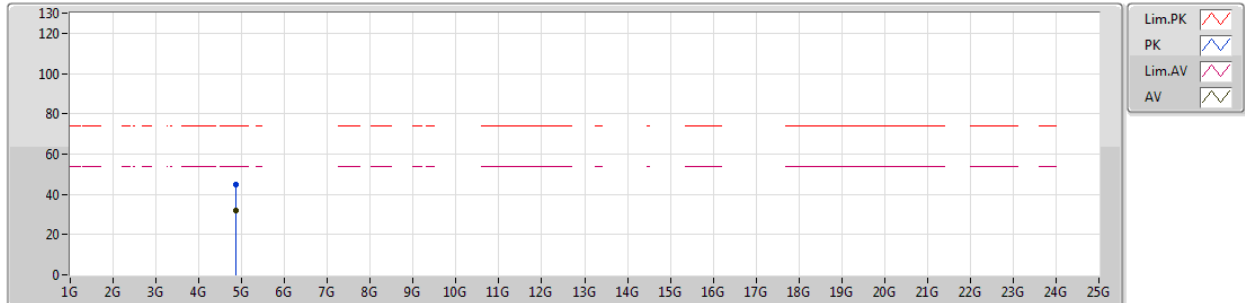


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8739G	31.16	54.00	-22.84	6.00	3	Vertical	138	1.53	-
PK	4.8721G	44.08	74.00	-29.92	6.00	3	Vertical	138	1.53	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

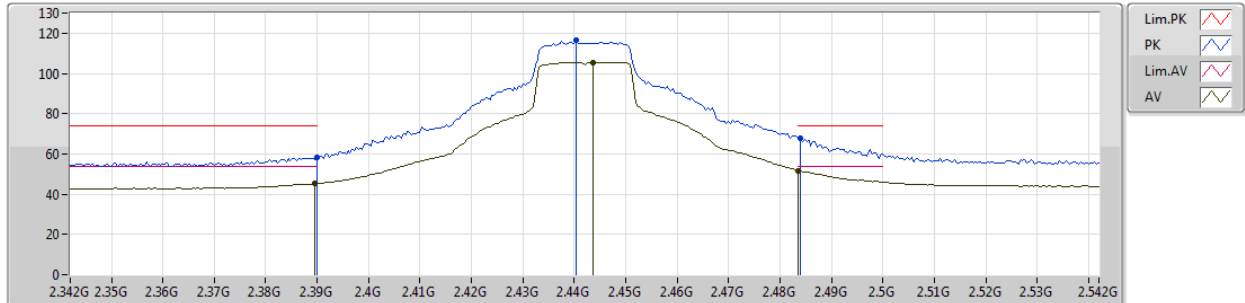


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	31.89	54.00	-22.11	6.00	3	Horizontal	171	1.48	-
PK	4.874G	44.59	74.00	-29.41	6.00	3	Horizontal	171	1.48	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2442MHz_TX

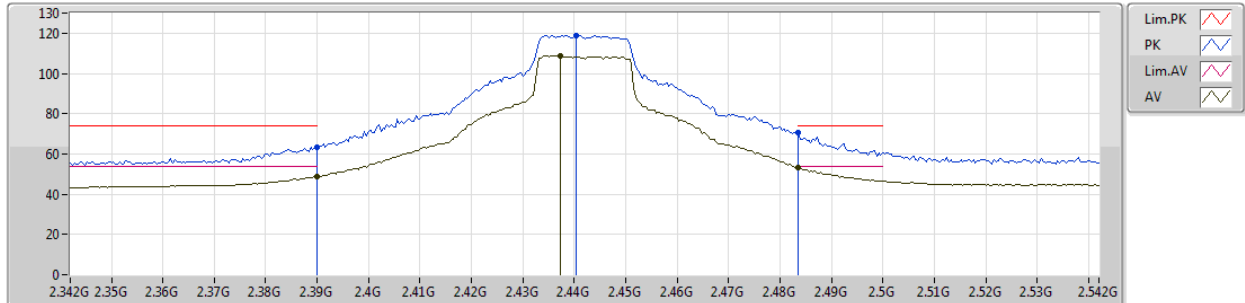


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.42	54.00	-8.58	30.77	3	Vertical	81	1.71	-
AV	2.4436G	105.61	Inf	-Inf	30.96	3	Vertical	81	1.71	-
AV	2.4835G	51.67	54.00	-2.33	31.11	3	Vertical	81	1.71	-
PK	2.39G	58.12	74.00	-15.88	30.77	3	Vertical	81	1.71	-
PK	2.4404G	116.34	Inf	-Inf	30.95	3	Vertical	81	1.71	-
PK	2.484G	67.95	74.00	-6.05	31.12	3	Vertical	81	1.71	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2442MHz_TX

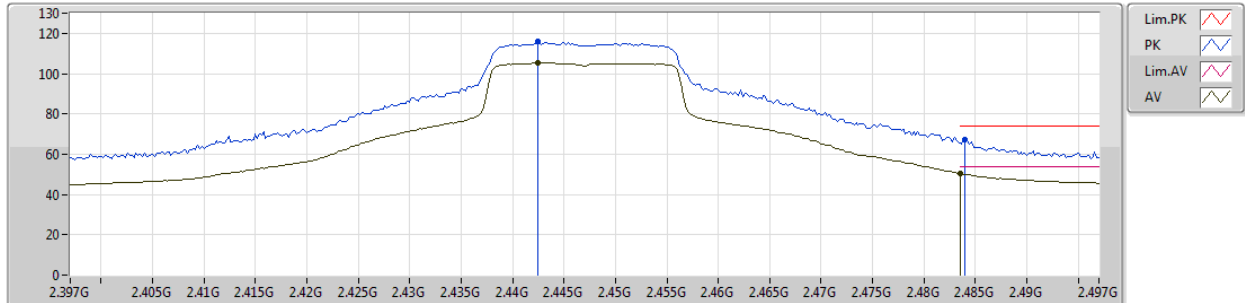


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.83	54.00	-5.17	30.77	3	Horizontal	210	1.50	-
AV	2.4372G	108.74	Inf	-Inf	30.94	3	Horizontal	210	1.50	-
AV	2.4835G	53.12	54.00	-0.88	31.11	3	Horizontal	210	1.50	-
PK	2.39G	63.47	74.00	-10.53	30.77	3	Horizontal	210	1.50	-
PK	2.4404G	118.85	Inf	-Inf	30.95	3	Horizontal	210	1.50	-
PK	2.4835G	70.44	74.00	-3.56	31.11	3	Horizontal	210	1.50	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2447MHz_TX

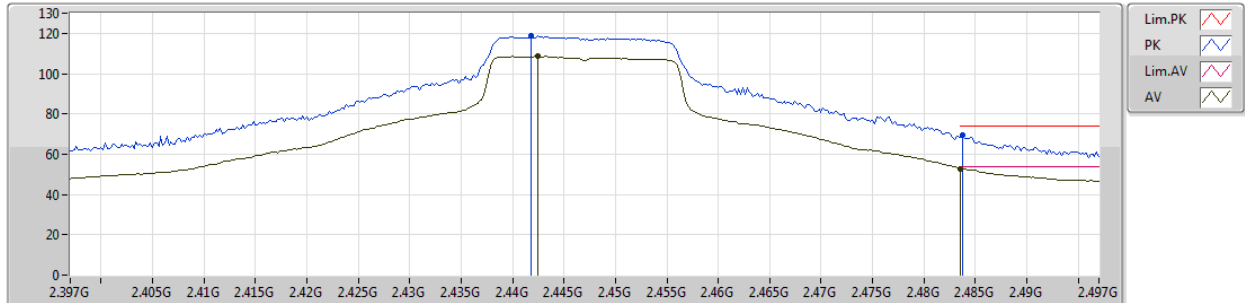


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4424G	105.45	Inf	-Inf	30.96	3	Vertical	80	1.92	-
AV	2.4835G	50.32	54.00	-3.68	31.11	3	Vertical	80	1.92	-
PK	2.4424G	115.86	Inf	-Inf	30.96	3	Vertical	80	1.92	-
PK	2.484G	66.97	74.00	-7.03	31.12	3	Vertical	80	1.92	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2447MHz_TX

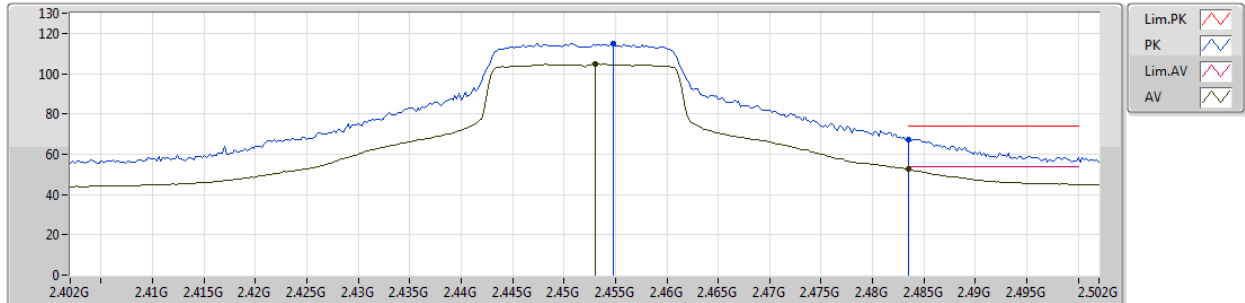


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4424G	108.48	Inf	-Inf	30.96	3	Horizontal	213	1.50	-
AV	2.4835G	52.92	54.00	-1.08	31.11	3	Horizontal	213	1.50	-
PK	2.4418G	118.75	Inf	-Inf	30.96	3	Horizontal	213	1.50	-
PK	2.4838G	69.35	74.00	-4.65	31.11	3	Horizontal	213	1.50	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2452MHz_TX

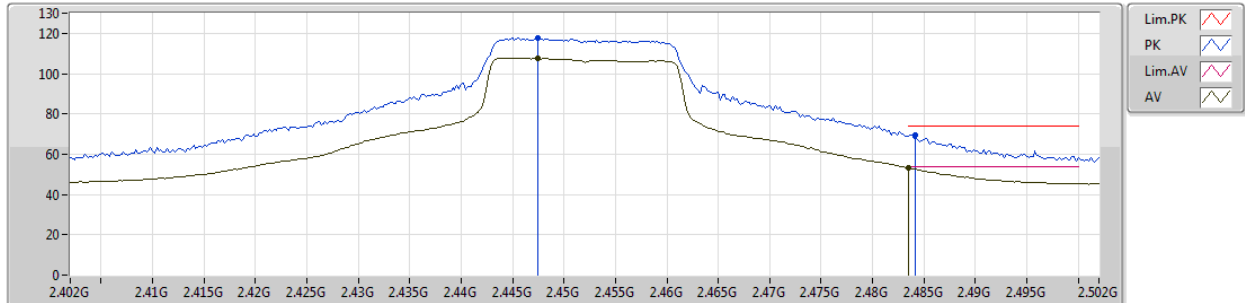


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.453G	104.74	Inf	-Inf	31.00	3	Vertical	82	1.70	-
AV	2.4835G	52.41	54.00	-1.59	31.11	3	Vertical	82	1.70	-
PK	2.4548G	114.86	Inf	-Inf	31.00	3	Vertical	82	1.70	-
PK	2.4835G	67.51	74.00	-6.49	31.11	3	Vertical	82	1.70	-

802.11n HT20_Nss1,(MCS0)_4TX

25/09/2018

2452MHz_TX

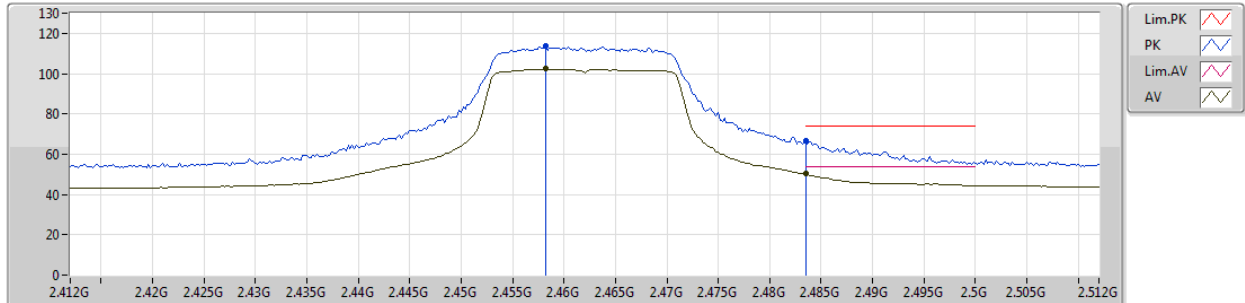


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4474G	107.58	Inf	-Inf	30.98	3	Horizontal	212	1.50	-
AV	2.4835G	53.27	54.00	-0.73	31.11	3	Horizontal	212	1.50	-
PK	2.4474G	117.85	Inf	-Inf	30.98	3	Horizontal	212	1.50	-
PK	2.4842G	69.55	74.00	-4.45	31.12	3	Horizontal	212	1.50	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2462MHz_TX

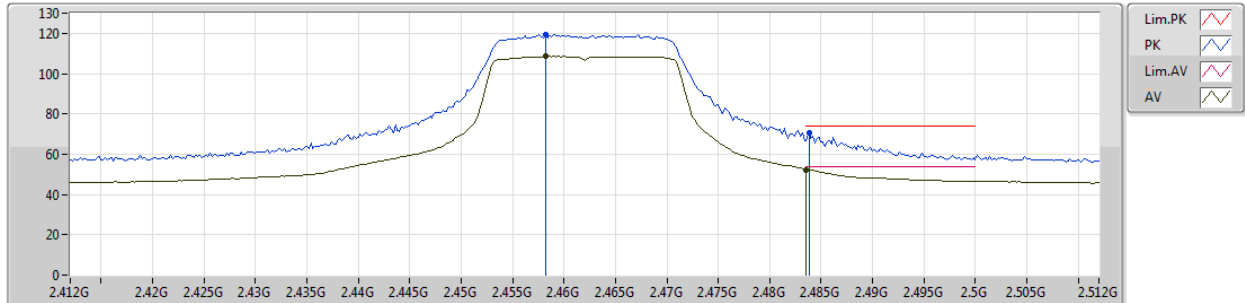


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4582G	102.36	Inf	-Inf	30.61	3	Vertical	335	2.06	-
AV	2.4835G	50.20	54.00	-3.80	30.69	3	Vertical	335	2.06	-
PK	2.4582G	113.66	Inf	-Inf	30.61	3	Vertical	335	2.06	-
PK	2.4835G	66.60	74.00	-7.40	30.69	3	Vertical	335	2.06	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2462MHz_TX

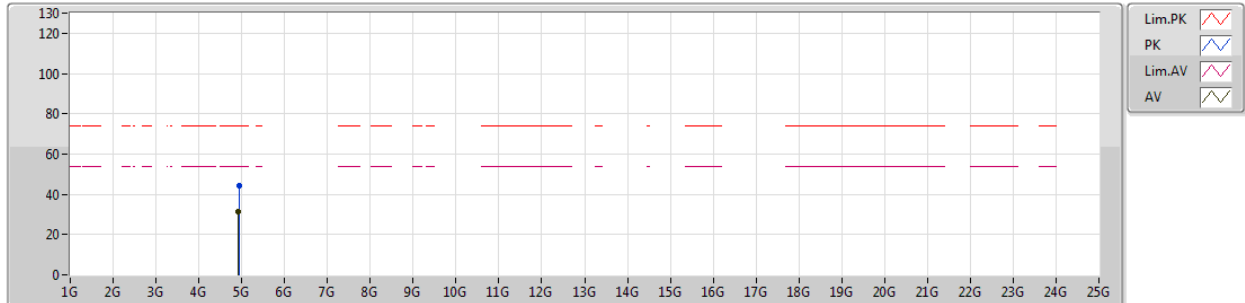


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4582G	108.71	Inf	-Inf	30.61	3	Horizontal	134	1.79	-
AV	2.4835G	52.39	54.00	-1.61	30.69	3	Horizontal	134	1.79	-
PK	2.4582G	119.44	Inf	-Inf	30.61	3	Horizontal	134	1.79	-
PK	2.4838G	70.68	74.00	-3.32	30.69	3	Horizontal	134	1.79	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2462MHz_TX

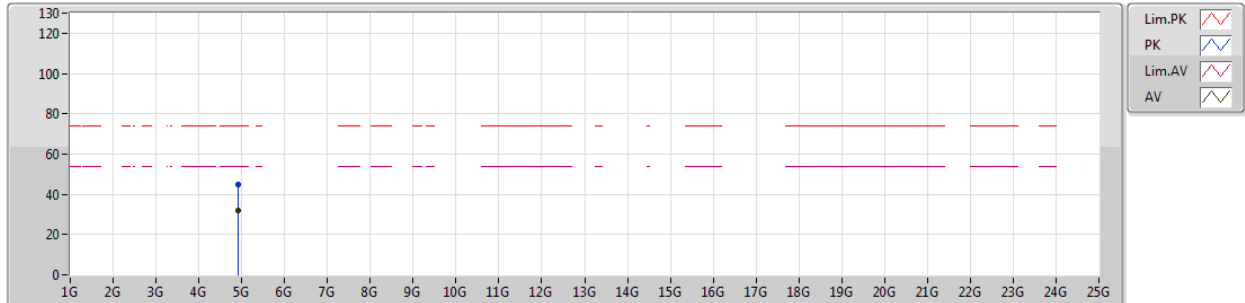


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9239G	31.60	54.00	-22.40	6.09	3	Vertical	165	1.49	-
PK	4.9401G	44.51	74.00	-29.49	6.13	3	Vertical	165	1.49	-

802.11n HT20_Nss1,(MCS0)_4TX

22/09/2018

2462MHz_TX

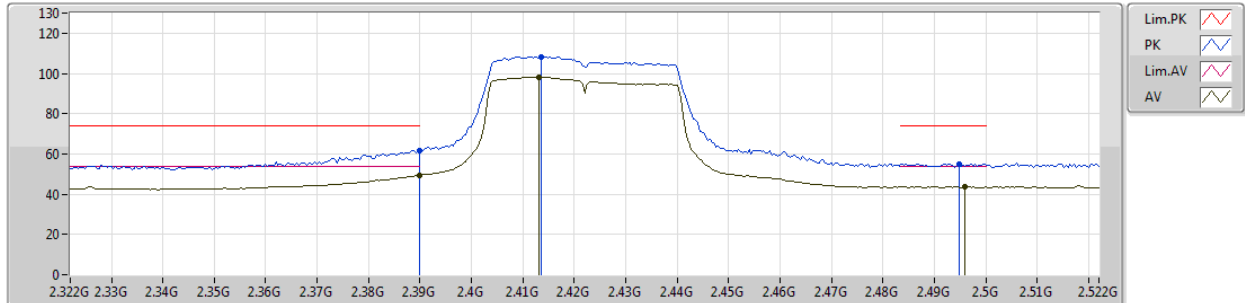


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9239G	32.16	54.00	-21.84	6.09	3	Horizontal	180	1.50	-
PK	4.9238G	44.82	74.00	-29.18	6.09	3	Horizontal	180	1.50	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2422MHz_TX

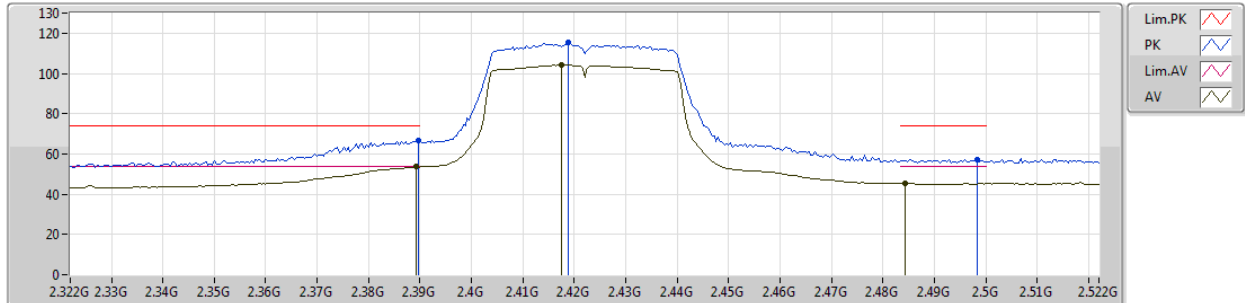


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.29	54.00	-4.71	30.38	3	Vertical	194	1.19	-
AV	2.4132G	98.02	Inf	-Inf	30.45	3	Vertical	194	1.19	-
AV	2.496G	43.71	54.00	-10.29	30.74	3	Vertical	194	1.19	-
PK	2.39G	61.47	74.00	-12.53	30.38	3	Vertical	194	1.19	-
PK	2.4136G	108.42	Inf	-Inf	30.45	3	Vertical	194	1.19	-
PK	2.4948G	55.15	74.00	-18.85	30.73	3	Vertical	194	1.19	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2422MHz_TX

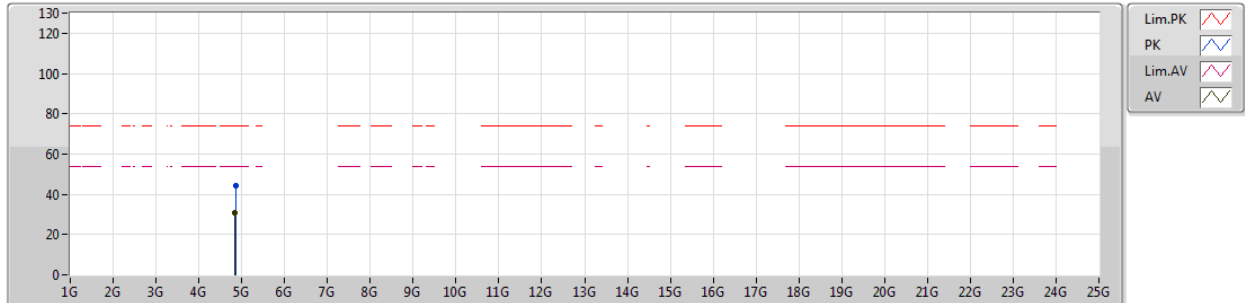


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	53.57	54.00	-0.43	30.37	3	Horizontal	140	1.88	-
AV	2.4176G	104.11	Inf	-Inf	30.47	3	Horizontal	140	1.88	-
AV	2.4844G	45.29	54.00	-8.71	30.69	3	Horizontal	140	1.88	-
PK	2.3896G	66.71	74.00	-7.29	30.38	3	Horizontal	140	1.88	-
PK	2.4188G	115.39	Inf	-Inf	30.48	3	Horizontal	140	1.88	-
PK	2.4984G	57.35	74.00	-16.65	30.75	3	Horizontal	140	1.88	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2422MHz_TX

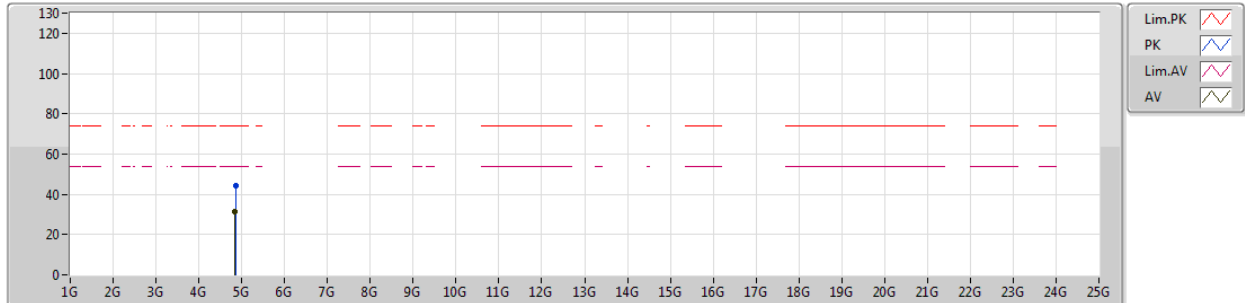


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.844G	30.84	54.00	-23.16	5.93	3	Vertical	140	1.56	-
PK	4.869G	44.04	74.00	-29.96	5.99	3	Vertical	140	1.56	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2422MHz_TX

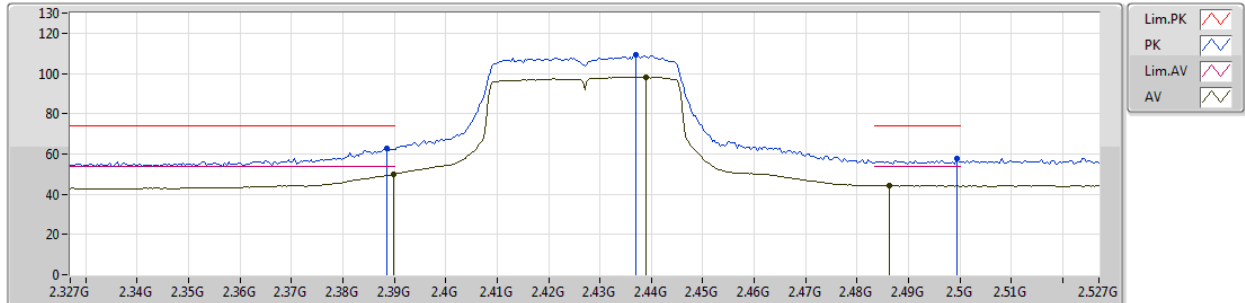


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8441G	31.30	54.00	-22.70	5.93	3	Horizontal	169	1.73	-
PK	4.8586G	44.26	74.00	-29.74	5.97	3	Horizontal	169	1.73	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2427MHz_TX

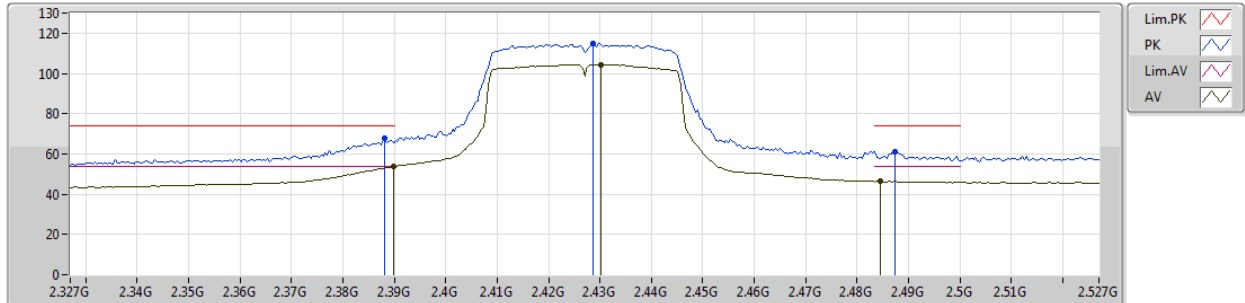


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	49.89	54.00	-4.11	30.77	3	Vertical	85	1.95	-
AV	2.439G	98.22	Inf	-Inf	30.95	3	Vertical	85	1.95	-
AV	2.4862G	44.38	54.00	-9.62	31.12	3	Vertical	85	1.95	-
PK	2.3886G	62.61	74.00	-11.39	30.77	3	Vertical	85	1.95	-
PK	2.437G	109.00	Inf	-Inf	30.94	3	Vertical	85	1.95	-
PK	2.4994G	57.59	74.00	-16.41	31.17	3	Vertical	85	1.95	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2427MHz_TX

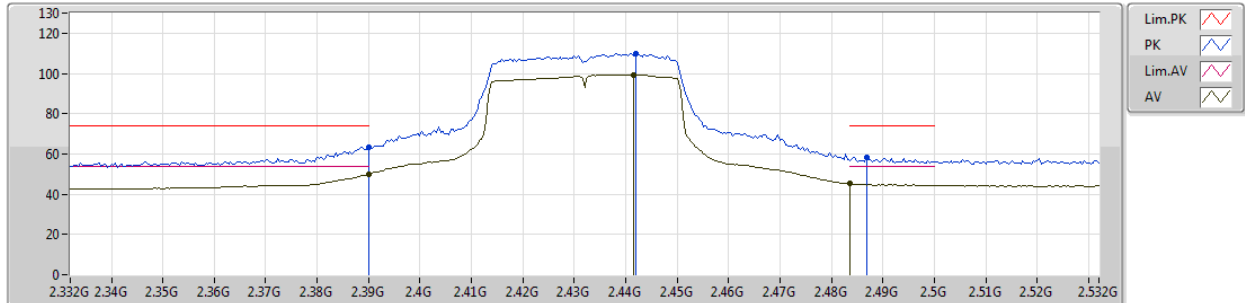


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.59	54.00	-0.41	30.77	3	Horizontal	203	1.62	-
AV	2.4302G	104.45	Inf	-Inf	30.91	3	Horizontal	203	1.62	-
AV	2.4846G	46.38	54.00	-7.62	31.12	3	Horizontal	203	1.62	-
PK	2.3882G	67.85	74.00	-6.15	30.77	3	Horizontal	203	1.62	-
PK	2.4286G	114.74	Inf	-Inf	30.91	3	Horizontal	203	1.62	-
PK	2.4874G	61.29	74.00	-12.71	31.12	3	Horizontal	203	1.62	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2432MHz_TX

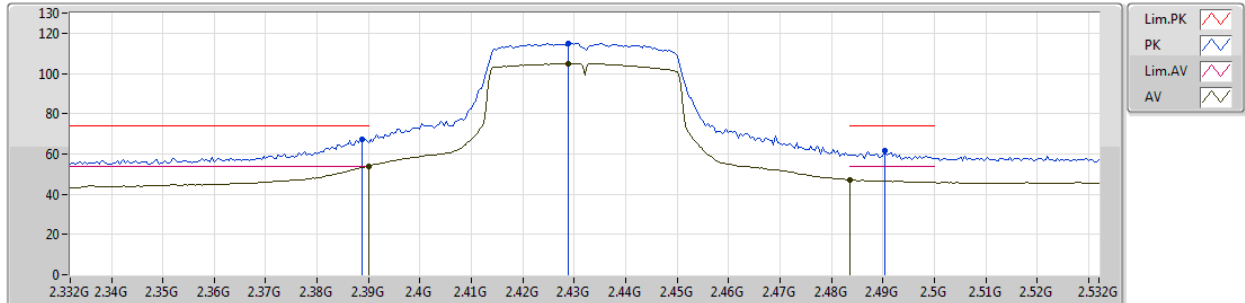


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.84	54.00	-4.16	30.77	3	Vertical	83	1.93	-
AV	2.4416G	99.46	Inf	-Inf	30.96	3	Vertical	83	1.93	-
AV	2.4835G	45.13	54.00	-8.87	31.11	3	Vertical	83	1.93	-
PK	2.39G	63.43	74.00	-10.57	30.77	3	Vertical	83	1.93	-
PK	2.442G	109.98	Inf	-Inf	30.96	3	Vertical	83	1.93	-
PK	2.4868G	58.27	74.00	-15.73	31.12	3	Vertical	83	1.93	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2432MHz_TX

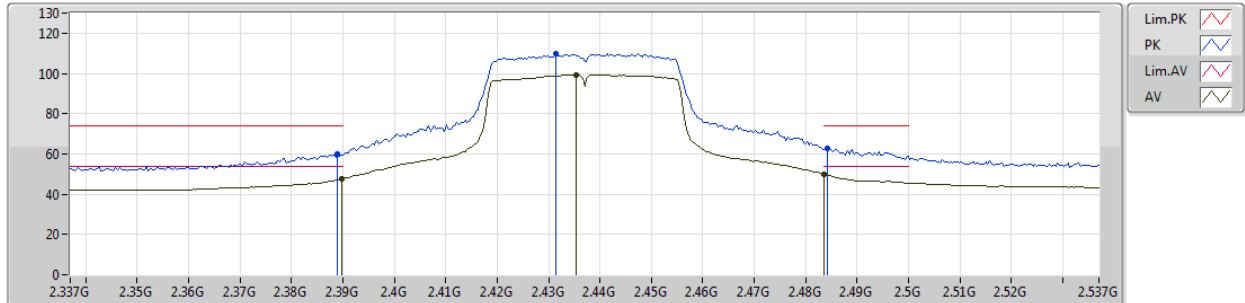


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.79	54.00	-0.21	30.77	3	Horizontal	204	1.62	-
AV	2.4288G	105.05	Inf	-Inf	30.91	3	Horizontal	204	1.62	-
AV	2.4835G	46.91	54.00	-7.09	31.11	3	Horizontal	204	1.62	-
PK	2.3888G	66.98	74.00	-7.02	30.77	3	Horizontal	204	1.62	-
PK	2.4288G	115.08	Inf	-Inf	30.91	3	Horizontal	204	1.62	-
PK	2.4904G	61.37	74.00	-12.63	31.13	3	Horizontal	204	1.62	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

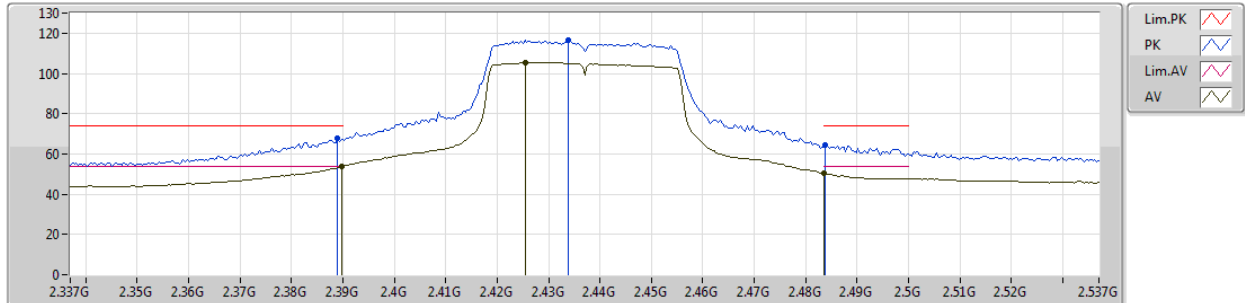


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.55	54.00	-6.45	30.38	3	Vertical	334	2.13	-
AV	2.4354G	99.13	Inf	-Inf	30.53	3	Vertical	334	2.13	-
AV	2.4835G	49.82	54.00	-4.18	30.69	3	Vertical	334	2.13	-
PK	2.389G	60.04	74.00	-13.96	30.37	3	Vertical	334	2.13	-
PK	2.4314G	109.79	Inf	-Inf	30.52	3	Vertical	334	2.13	-
PK	2.4842G	62.48	74.00	-11.52	30.69	3	Vertical	334	2.13	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

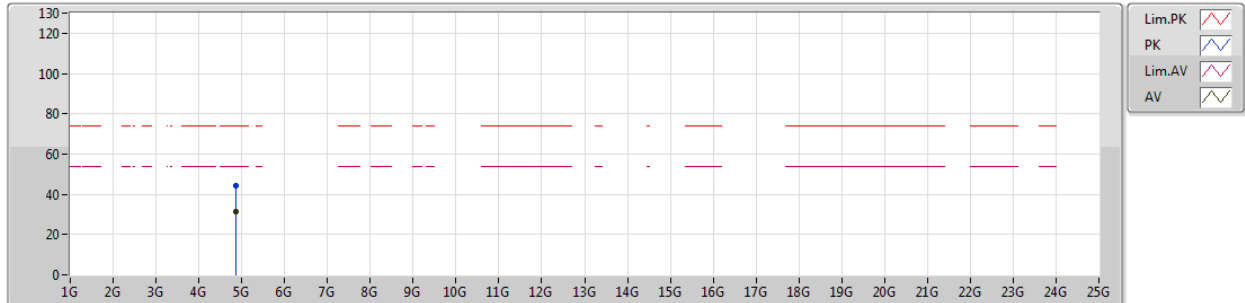


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.56	54.00	-0.44	30.38	3	Horizontal	125	1.75	-
AV	2.4254G	105.37	Inf	-Inf	30.50	3	Horizontal	125	1.75	-
AV	2.4835G	50.35	54.00	-3.65	30.69	3	Horizontal	125	1.75	-
PK	2.389G	67.53	74.00	-6.47	30.37	3	Horizontal	125	1.75	-
PK	2.4338G	116.56	Inf	-Inf	30.52	3	Horizontal	125	1.75	-
PK	2.4838G	64.56	74.00	-9.44	30.69	3	Horizontal	125	1.75	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

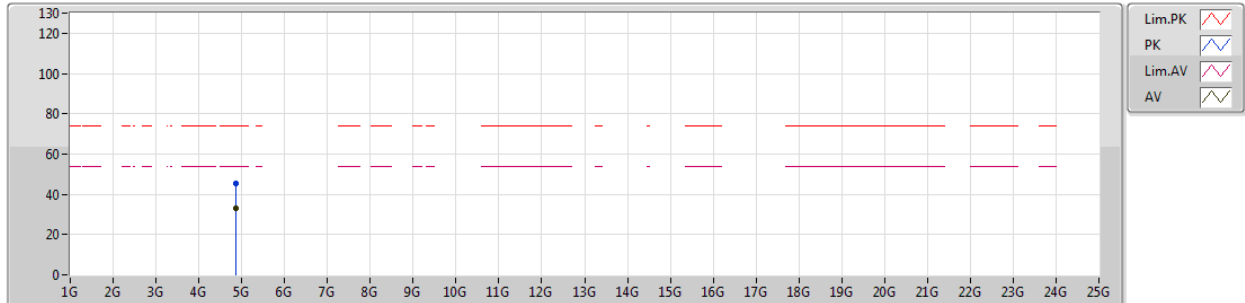


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)		(m)		(°)	(m)									
AV	4.8741 G	31.59	54.00	-22.41	6.00	3	Vertical	138	1.70	-								
PK	4.8566 G	44.36	74.00	-29.64	5.97	3	Vertical	138	1.70	-								

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2437MHz_TX

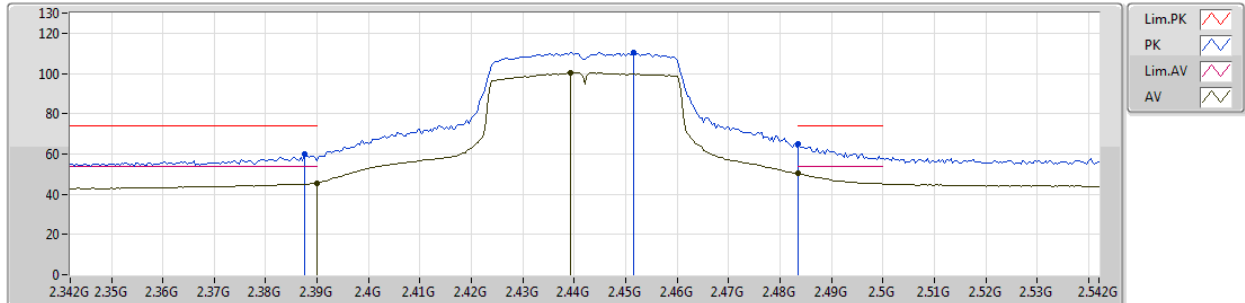


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	32.89	54.00	-21.11	6.00	3	Horizontal	171	1.48	-
PK	4.8739G	45.15	74.00	-28.85	6.00	3	Horizontal	171	1.48	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2442MHz_TX

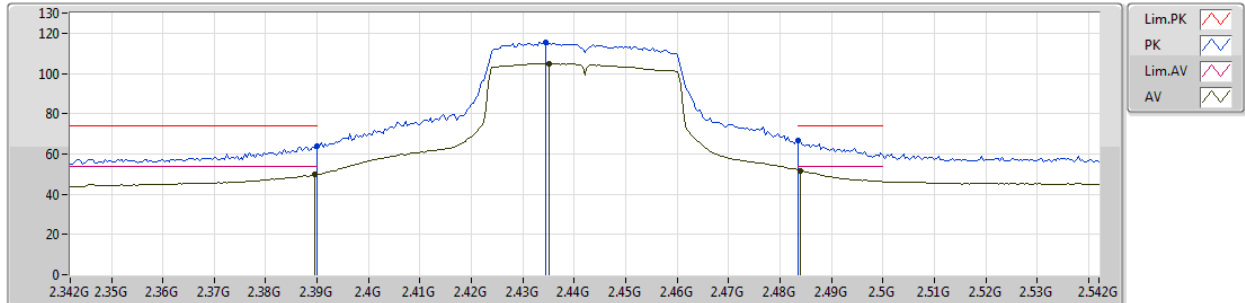


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.63	54.00	-8.37	30.77	3	Vertical	84	1.92	-
AV	2.4392G	100.26	Inf	-Inf	30.95	3	Vertical	84	1.92	-
AV	2.4835G	50.22	54.00	-3.78	31.11	3	Vertical	84	1.92	-
PK	2.3876G	59.91	74.00	-14.09	30.77	3	Vertical	84	1.92	-
PK	2.4516G	110.36	Inf	-Inf	30.99	3	Vertical	84	1.92	-
PK	2.4835G	64.92	74.00	-9.08	31.11	3	Vertical	84	1.92	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2442MHz_TX

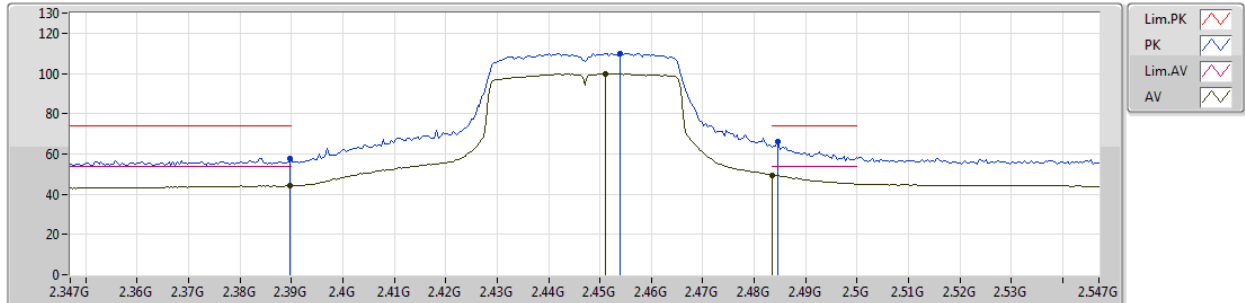


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	49.60	54.00	-4.40	30.77	3	Horizontal	212	1.66	-
AV	2.4352G	104.81	Inf	-Inf	30.94	3	Horizontal	212	1.66	-
AV	2.484G	51.78	54.00	-2.22	31.12	3	Horizontal	212	1.66	-
PK	2.39G	63.68	74.00	-10.32	30.77	3	Horizontal	212	1.66	-
PK	2.4344G	115.28	Inf	-Inf	30.94	3	Horizontal	212	1.66	-
PK	2.4835G	66.69	74.00	-7.31	31.11	3	Horizontal	212	1.66	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2447MHz_TX

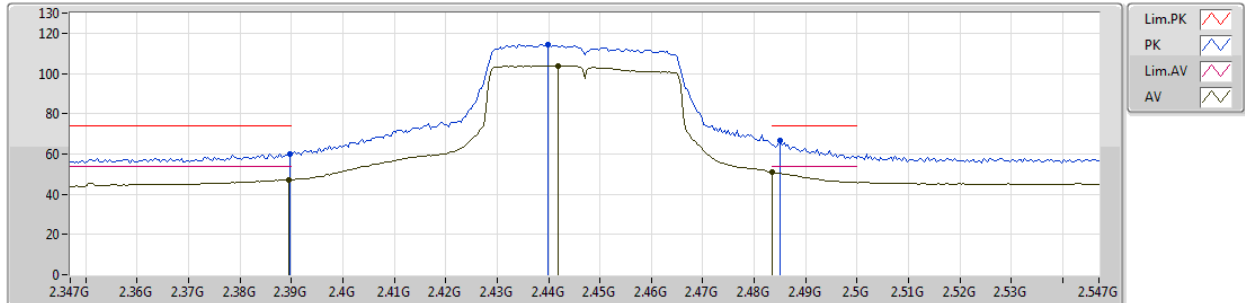


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.37	54.00	-9.63	30.77	3	Vertical	87	1.90	-
AV	2.451G	99.80	Inf	-Inf	30.99	3	Vertical	87	1.90	-
AV	2.4835G	49.58	54.00	-4.42	31.11	3	Vertical	87	1.90	-
PK	2.3898G	57.73	74.00	-16.27	30.77	3	Vertical	87	1.90	-
PK	2.4538G	109.99	Inf	-Inf	31.00	3	Vertical	87	1.90	-
PK	2.4846G	66.16	74.00	-7.84	31.12	3	Vertical	87	1.90	-

802.11n HT40_Nss1,(MCS0)_4TX

25/09/2018

2447MHz_TX

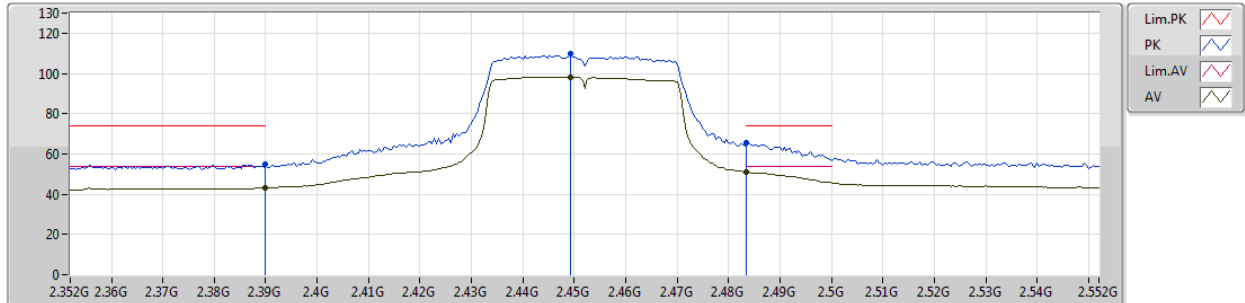


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	47.28	54.00	-6.72	30.77	3	Horizontal	216	1.48	-
AV	2.4418G	103.92	Inf	-Inf	30.96	3	Horizontal	216	1.48	-
AV	2.4835G	50.99	54.00	-3.01	31.11	3	Horizontal	216	1.48	-
PK	2.3898G	60.06	74.00	-13.94	30.77	3	Horizontal	216	1.48	-
PK	2.4398G	114.50	Inf	-Inf	30.95	3	Horizontal	216	1.48	-
PK	2.485G	66.94	74.00	-7.06	31.12	3	Horizontal	216	1.48	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2452MHz_TX

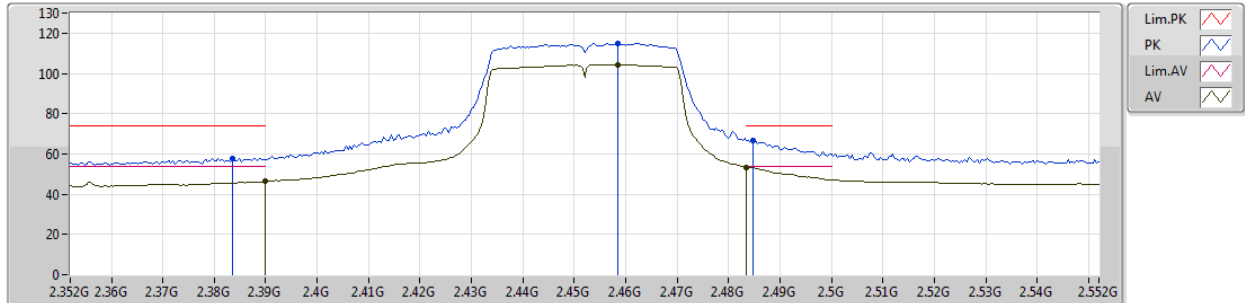


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	43.22	54.00	-10.78	30.38	3	Vertical	336	1.87	-
AV	2.4492G	98.17	Inf	-Inf	30.58	3	Vertical	336	1.87	-
AV	2.4835G	51.11	54.00	-2.89	30.69	3	Vertical	336	1.87	-
PK	2.39G	54.67	74.00	-19.33	30.38	3	Vertical	336	1.87	-
PK	2.4492G	109.67	Inf	-Inf	30.58	3	Vertical	336	1.87	-
PK	2.4835G	65.46	74.00	-8.54	30.69	3	Vertical	336	1.87	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2452MHz_TX

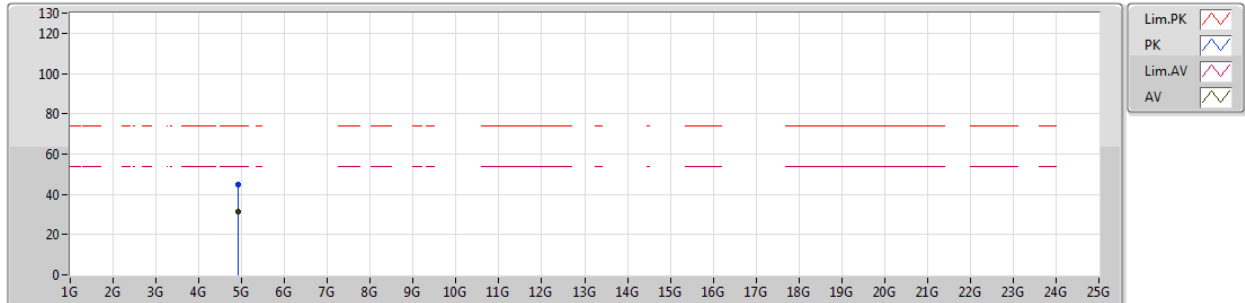


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.29	54.00	-7.71	30.38	3	Horizontal	141	1.59	-
AV	2.4584G	104.46	Inf	-Inf	30.61	3	Horizontal	141	1.59	-
AV	2.4835G	53.50	54.00	-0.50	30.69	3	Horizontal	141	1.59	-
PK	2.3836G	57.90	74.00	-16.10	30.36	3	Horizontal	141	1.59	-
PK	2.4584G	114.97	Inf	-Inf	30.61	3	Horizontal	141	1.59	-
PK	2.4848G	66.88	74.00	-7.12	30.69	3	Horizontal	141	1.59	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2452MHz_TX

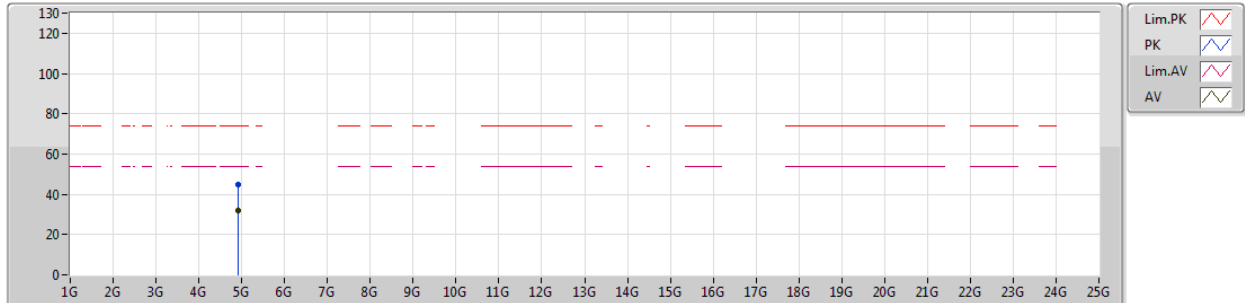


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9039G	31.35	54.00	-22.65	6.06	3	Vertical	152	1.61	-
PK	4.9231G	44.61	74.00	-29.39	6.09	3	Vertical	152	1.61	-

802.11n HT40_Nss1,(MCS0)_4TX

22/09/2018

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.904G	32.17	54.00	-21.83	6.06	3	Horizontal	171	1.28	-							
PK	4.9227G	45.03	74.00	-28.97	6.09	3	Horizontal	171	1.28	-							