

FCC Test Report

FCC ID : COFMT-52
Equipment : 802.11b/g/n + BT 4.2 IOT Module
Brand Name : USI
Model Name : MT-52
Applicant / Manufacturer : Universal Global Scientific Industrial Co., Ltd
141, Lane 351, Sec. 1, Taiping Road.,
Tsaotuen, Nantou 54261, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 07, 2018, and testing was started from Aug. 08, 2018 and completed on Aug. 15, 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.)



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History of this test report

Report No.	Version	Description	Issued Date
FR880224AC	01	Initial issue of report	Sep. 14, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
0	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

Reviewed by: Jackson Tsai

Report Producer: Debby Hung

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	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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	Gain (dBi)
1	USI	MT-52	PCB antenna	mini Murata	1.71

For 2.4GHz function:

For IEEE 802.11 b/g/ n mode (1TX/1RX)

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

For BT function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Host system			
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	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.985	0.066	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT20	0.984	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11n HT40	0.998	0.009	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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 v04

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	Randy	23.3°C / 63%	09/Aug/2018
Radiated	03CH02-HY	Lego	24°C / 61%	15/Aug/2018
AC Conduction	CO04-HY	Jerry	22.8°C / 56%	08/Aug/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)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 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	3.3V

2.2 Test Channel Mode

Test Software Version	MT7637 QA 0.0.1.60
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Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	1F
2417MHz	1F
2422MHz	1F
2427MHz	20
2432MHz	20
2437MHz	1F
2447MHz	1F
2452MHz	1F
2457MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	1C
2417MHz	1D
2422MHz	1E
2427MHz	1E
2432MHz	1D
2437MHz	1E
2442MHz	1D
2447MHz	1E
2452MHz	1D
2457MHz	1D
2462MHz	1E
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	21
2417MHz	20



Mode	PowerSetting
2422MHz	20
2427MHz	20
2432MHz	20
2437MHz	20
2442MHz	20
2447MHz	20
2452MHz	20
2457MHz	20
2462MHz	20
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	1A
2427MHz	1D
2432MHz	1D
2437MHz	1D
2442MHz	1D
2447MHz	1D
2452MHz	1C

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	USB 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	USB 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	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC
3	DC Power Supply	GW	GPS-3030DD	-

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5520	-
2	AC adapter	DELL	LA65NS2-01	-
3	Fixture	-	-	-

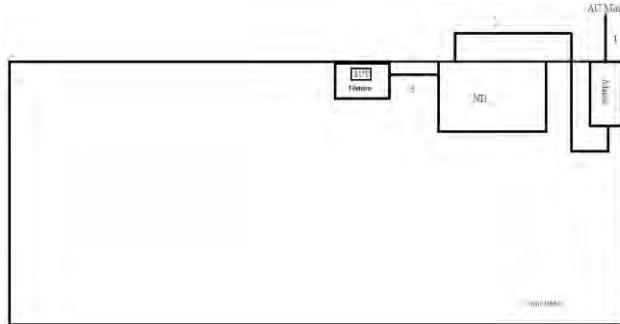
Note.Support equipment No.3 was provided by customer.

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5520	-
2	AC adapter	DELL	LA65NS2-01	-
3	Fixture	-	-	-

Note.Support equipment No.3 was provided by customer.

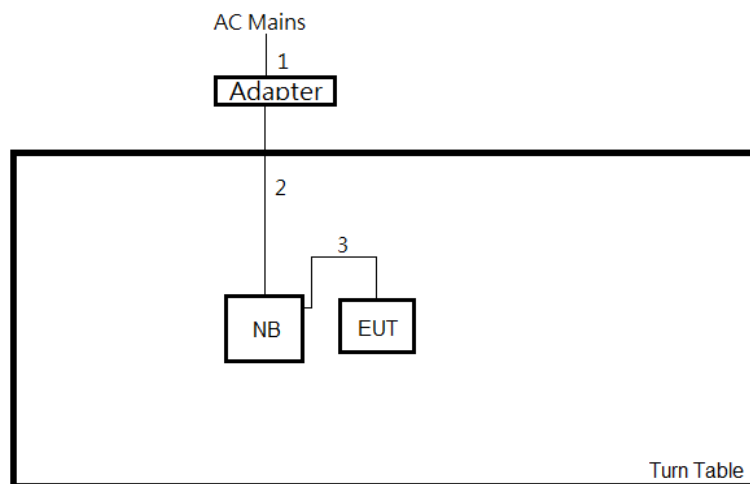
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	DC Power line	No	1.5	-
3	USB cable	No	0.3	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	DC Power line	No	1.5	-
3	USB cable	No	2.0	-

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.

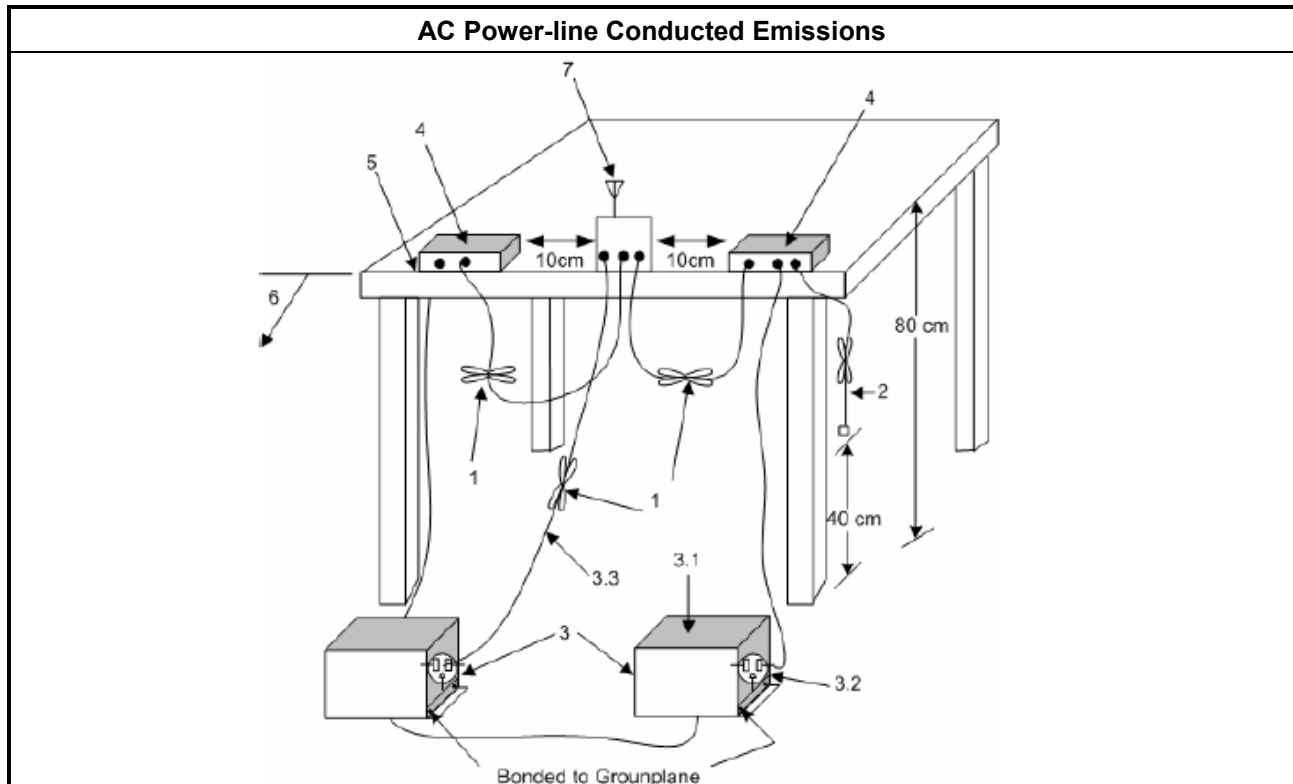
3.1.2 Measuring Instruments

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.

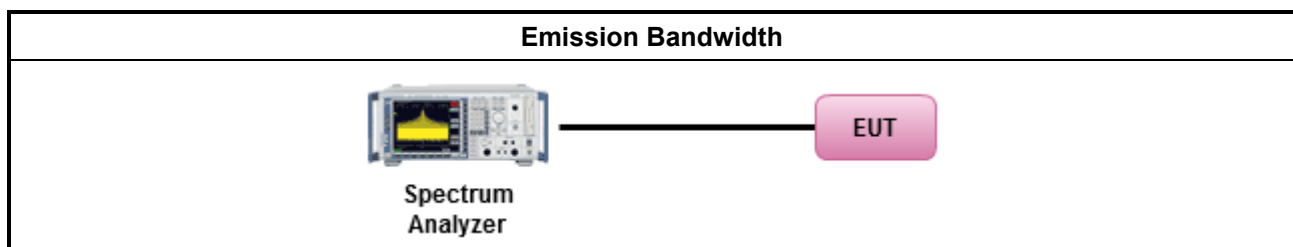
3.2.2 Measuring Instruments

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 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

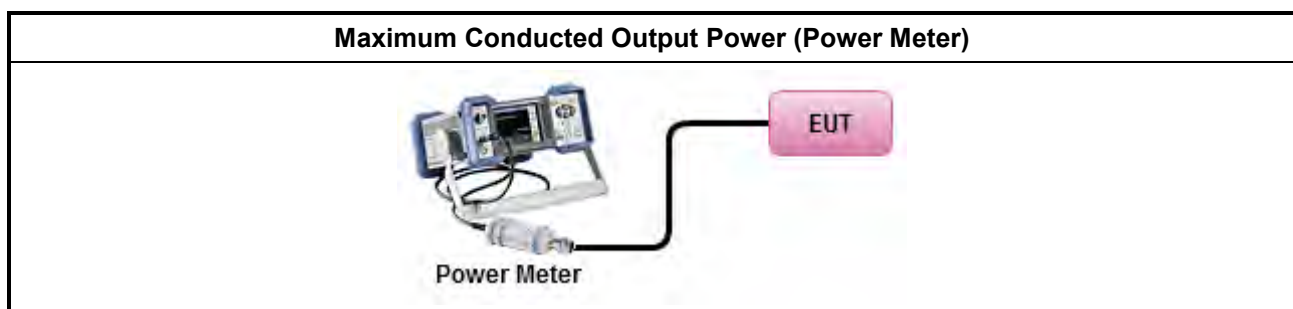
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
☐	Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
Maximum Average Conducted Output Power	
Duty cycle ≥ 98%	
☐	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
Duty cycle < 98%	
☐	Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
RF power meter and average over on/off periods with duty factor or gated trigger	
☒	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average 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

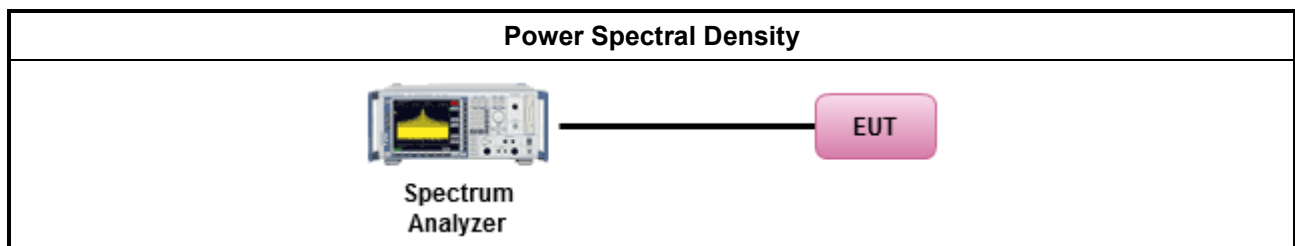
3.4.2 Measuring Instruments

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 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
▪	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.	

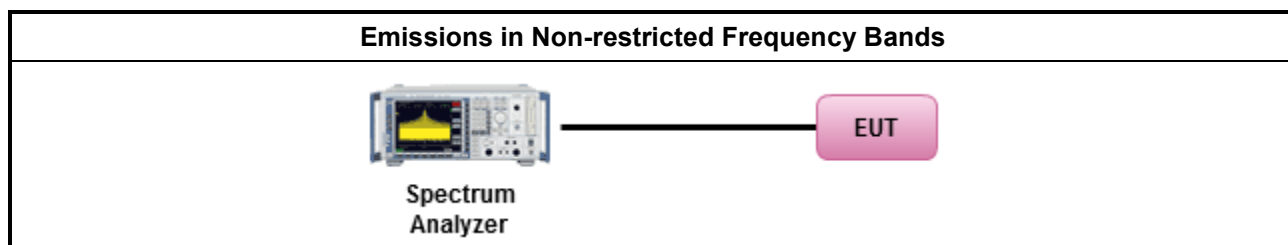
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 11 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

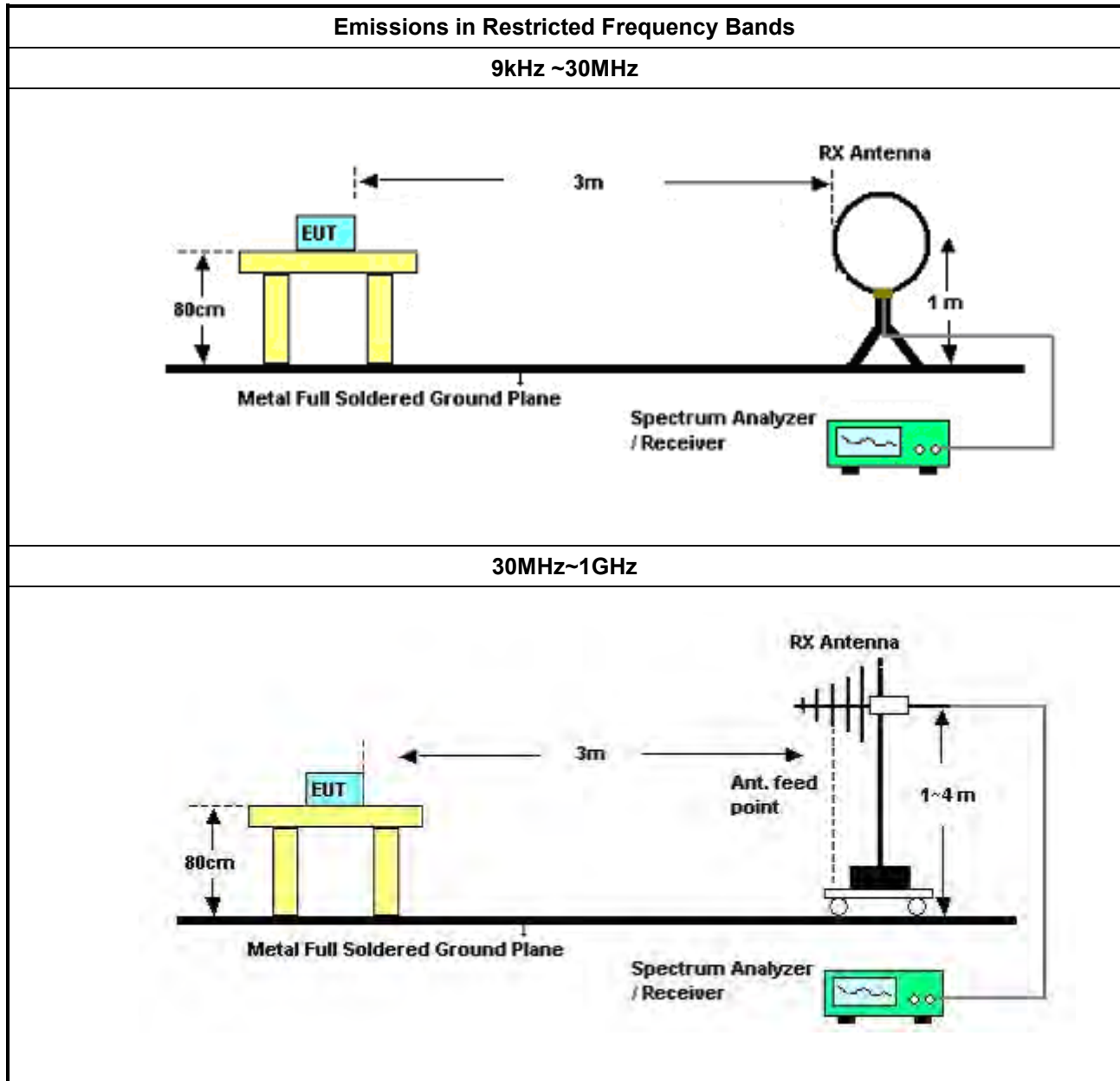
3.6.2 Measuring Instruments

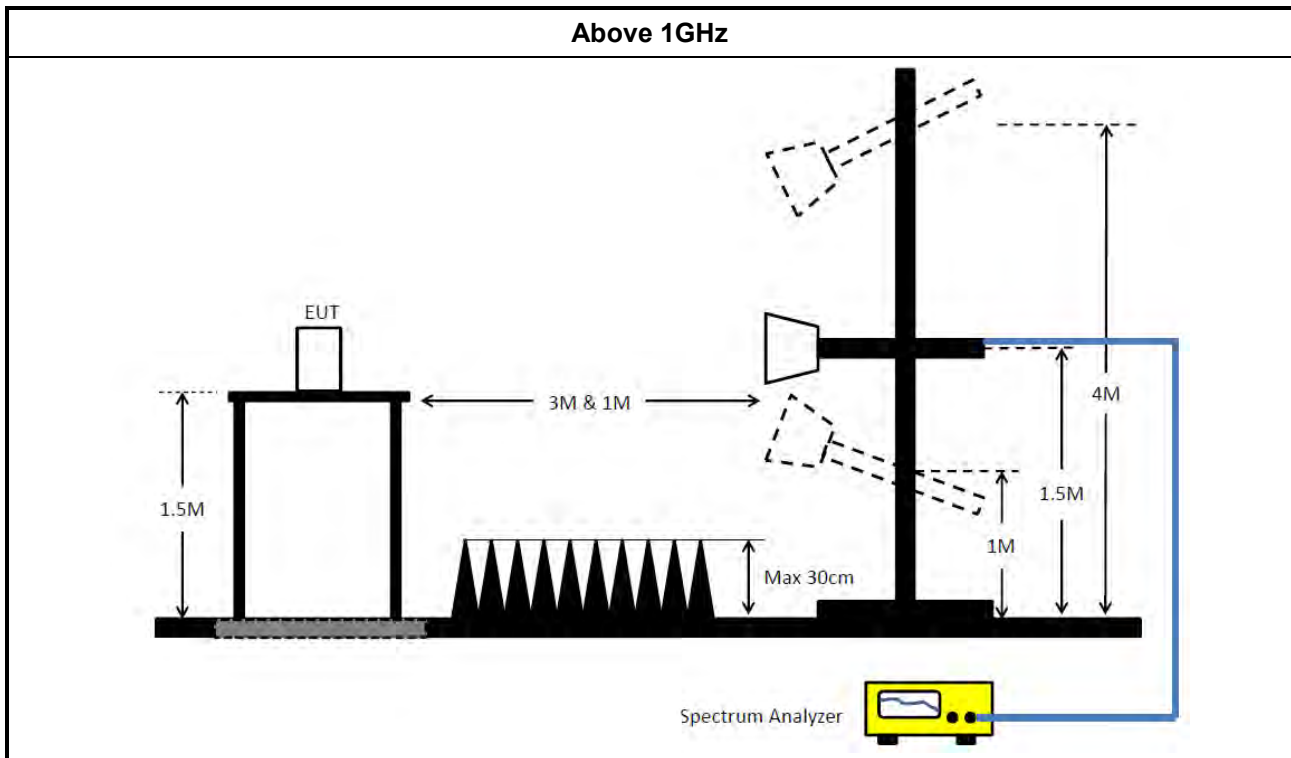
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 12 for unwanted emissions into restricted bands.
	☒ Refer as KDB 558074, clause 12.2.5.3 (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW $\geq$ 1/T.
	☒ Refer as KDB 558074, clause 12.2.4 measurement procedure peak limit.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 13.1, 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 13.2 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 13.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
For conducted and cabinet radiation measurement, refer as KDB 558074, clause 12.2.2.	
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

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	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	0761183202000 1	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

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	1GHz ~ 18GHz 3m	27/Oct/2017	26/Oct/2018
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27/Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
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
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2018	18/Jan/2019
Bilog Antenna	SCHAFFNER	CBL 6112B	2723	30MHz ~ 1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019

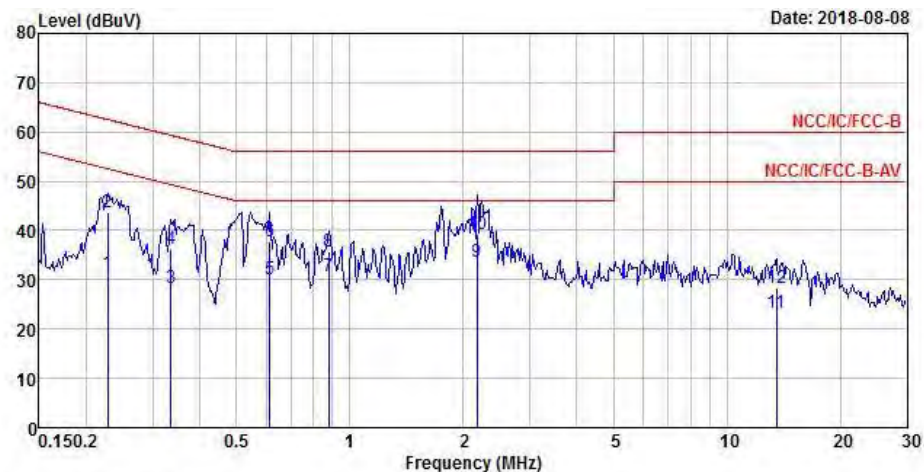
NCR : Non-Calibration Require

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101500	10KHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	17/Jan/2018	16/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	17/Jan/2018	16/Jan/2019
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	17/Jan/2018	16/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	USB mode - TX		

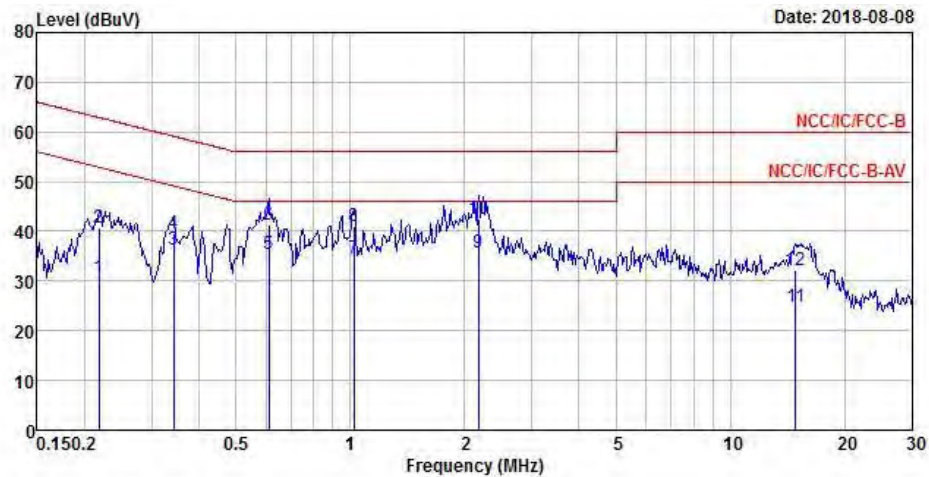


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.23	31.18	-21.34	52.52	21.54	9.62	0.02	Average
2	0.23	43.64	-18.88	62.52	34.00	9.62	0.02	QP
3	0.34	28.28	-21.03	49.31	18.60	9.61	0.07	Average
4	0.34	36.26	-23.05	59.31	26.58	9.61	0.07	QP
5	0.61	29.98	-16.02	46.00	20.32	9.61	0.05	Average
6	0.61	37.83	-18.17	56.00	28.17	9.61	0.05	QP
7	0.88	30.78	-15.22	46.00	21.15	9.62	0.01	Average
8	0.88	35.63	-20.37	56.00	26.00	9.62	0.01	QP
9 MAX	2.18	33.62	-12.38	46.00	23.98	9.63	0.01	Average
10	2.18	39.15	-16.85	56.00	29.51	9.63	0.01	QP
11	13.55	23.40	-26.60	50.00	13.65	9.70	0.05	Average
12	13.55	28.39	-31.61	60.00	18.64	9.70	0.05	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	USB mode - TX		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.22	30.67	-22.21	52.88	21.04	9.62	0.01	Average
2	0.22	40.85	-22.03	62.88	31.22	9.62	0.01	QP
3	0.34	36.38	-12.75	49.13	26.69	9.61	0.08	Average
4	0.34	39.59	-19.54	59.13	29.90	9.61	0.08	QP
5	0.61	35.45	-10.55	46.00	25.79	9.61	0.05	Average
6	0.61	41.26	-14.74	56.00	31.60	9.61	0.05	QP
7	1.02	34.51	-11.49	46.00	24.90	9.61	0.00	Average
8	1.02	40.97	-15.03	56.00	31.36	9.61	0.00	QP
9 MAX	2.18	35.62	-10.38	46.00	25.99	9.62	0.01	Average
10	2.18	42.55	-13.45	56.00	32.92	9.62	0.01	QP
11	14.83	24.88	-25.12	50.00	15.23	9.64	0.01	Average
12	14.83	32.25	-27.75	60.00	22.60	9.64	0.01	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)_1TX	10.025M	14.393M	14M4G1D	9.95M	14.293M
802.11g_Nss1,(6Mbps)_1TX	16.3M	16.417M	16M4D1D	16.275M	16.342M
802.11n HT20_Nss1,(MCS0)_1TX	17.525M	17.566M	17M6D1D	16.875M	17.516M
802.11n HT40_Nss1,(MCS0)_1TX	35.6M	35.882M	35M9D1D	33.5M	35.782M

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;

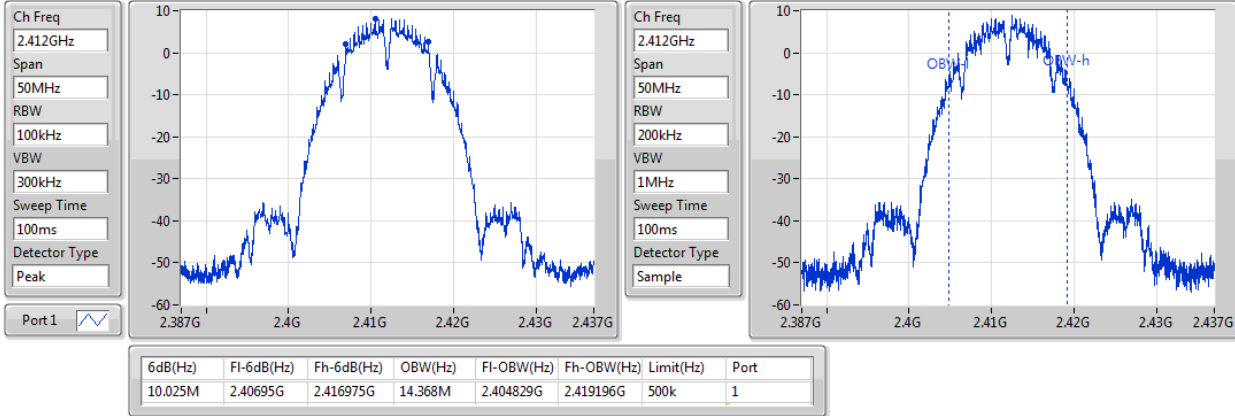
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.025M	14.368M
2437MHz_TnomVnom	Pass	500k	10M	14.293M
2462MHz_TnomVnom	Pass	500k	9.95M	14.393M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.275M	16.342M
2437MHz_TnomVnom	Pass	500k	16.3M	16.342M
2462MHz_TnomVnom	Pass	500k	16.3M	16.417M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.875M	17.541M
2437MHz_TnomVnom	Pass	500k	17.525M	17.566M
2462MHz_TnomVnom	Pass	500k	17.5M	17.516M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	33.5M	35.882M
2437MHz_TnomVnom	Pass	500k	35.6M	35.782M
2452MHz_TnomVnom	Pass	500k	35.25M	35.882M

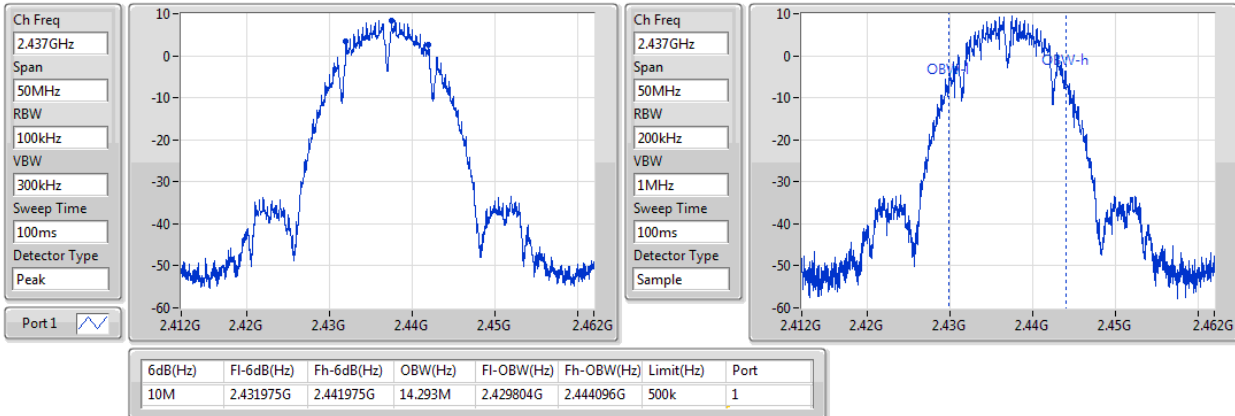
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

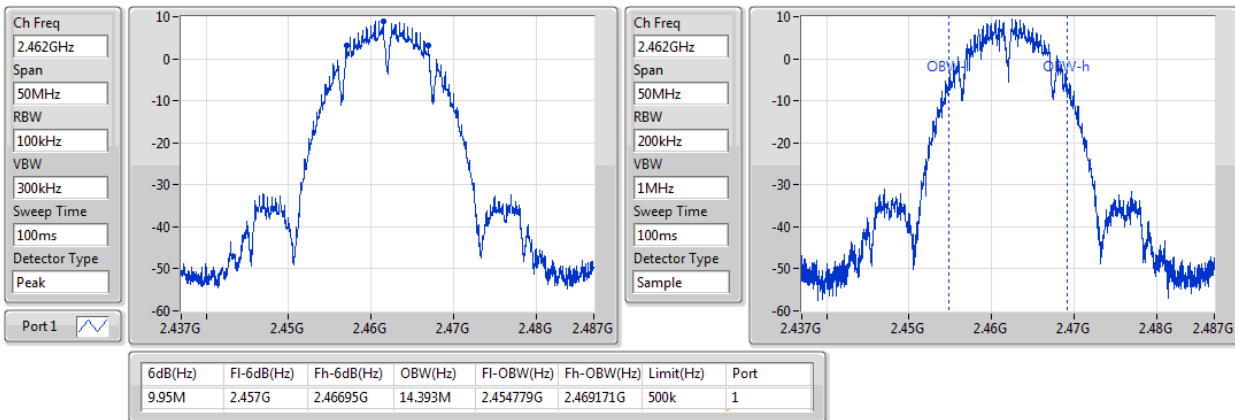
09/08/2018


802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

09/08/2018


802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

09/08/2018



802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

09/08/2018

Ch Freq
2.412GHz

Span
50MHz

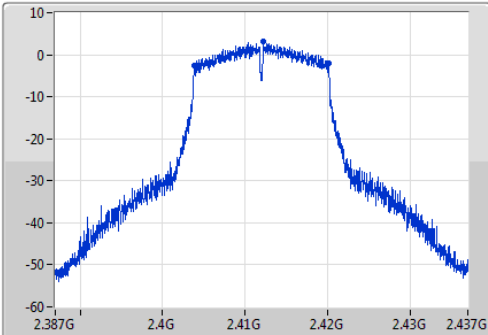
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.412GHz

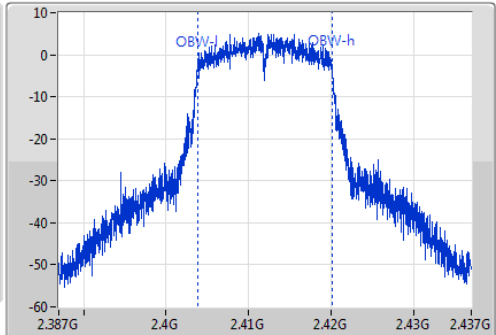
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.40385G	2.420125G	16.342M	2.403804G	2.420146G	500k	1

802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

09/08/2018

Ch Freq
2.437GHz

Span
50MHz

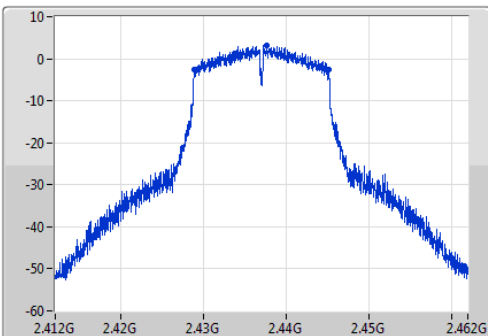
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

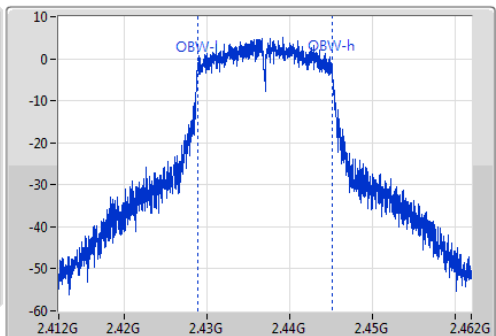
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	16.342M	2.428804G	2.445146G	500k	1

802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

09/08/2018

Ch Freq
2.462GHz

Span
50MHz

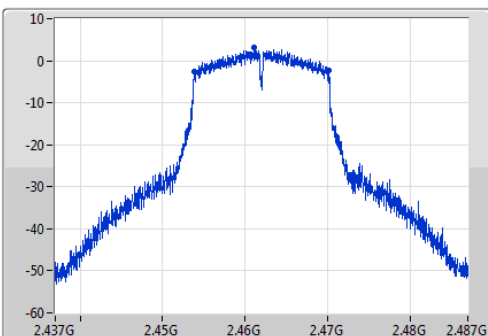
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.462GHz

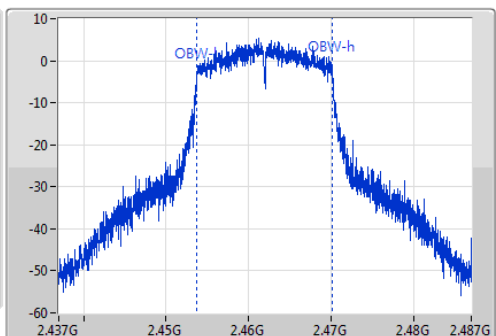
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

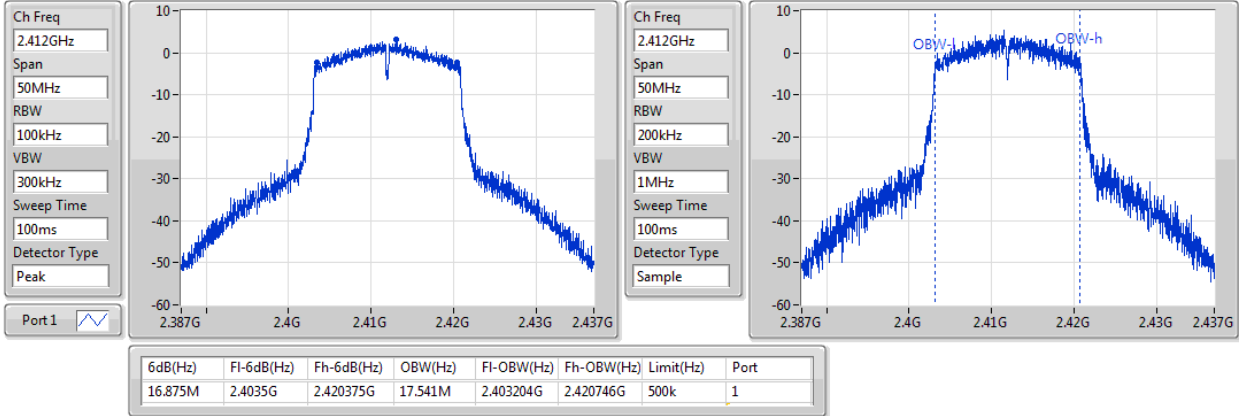
Detector Type
Sample



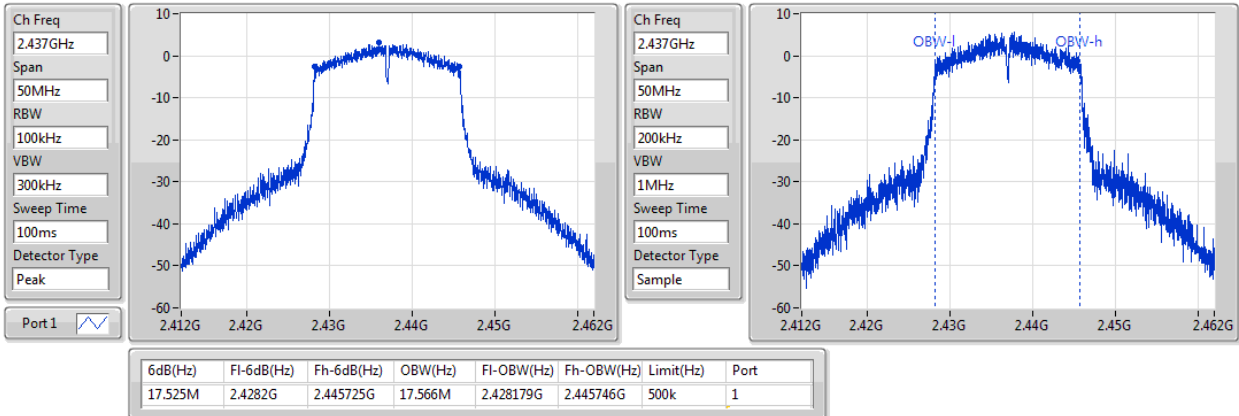
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.417M	2.453754G	2.470171G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

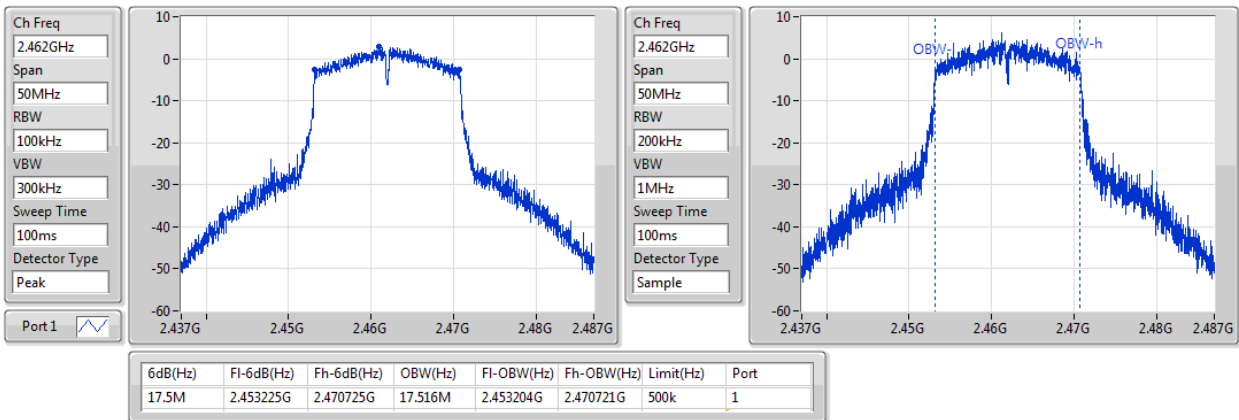
09/08/2018


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

09/08/2018


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz

09/08/2018



802.11n HT40_Nss1,(MCS0)_1TX
EBW
2422MHz

09/08/2018

Ch Freq
2.422GHz

Span
100MHz

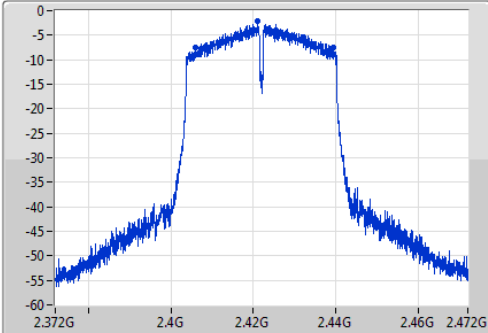
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.422GHz

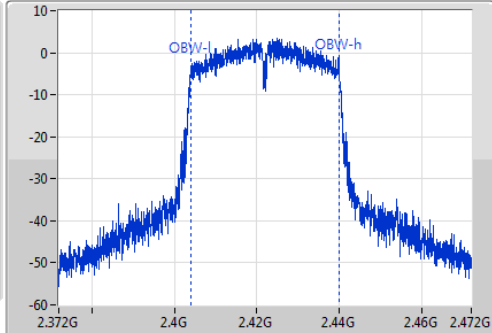
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.5M	2.406G	2.4395G	35.882M	2.404059G	2.439941G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2437MHz

09/08/2018

Ch Freq
2.437GHz

Span
100MHz

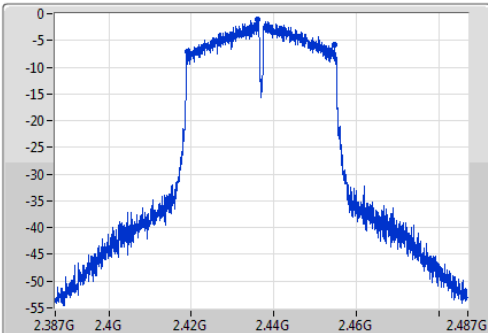
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

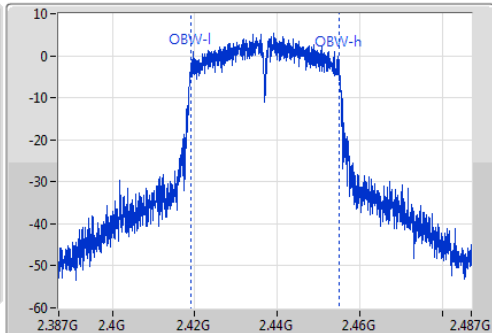
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.6M	2.4191G	2.4547G	35.782M	2.419059G	2.454841G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2452MHz

09/08/2018

Ch Freq
2.452GHz

Span
100MHz

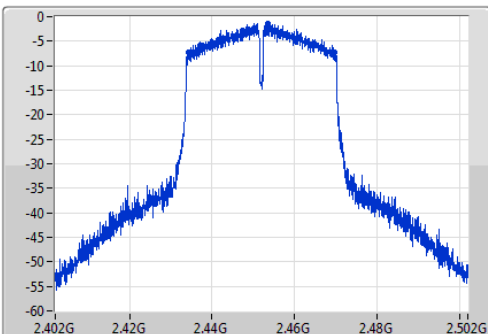
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.452GHz

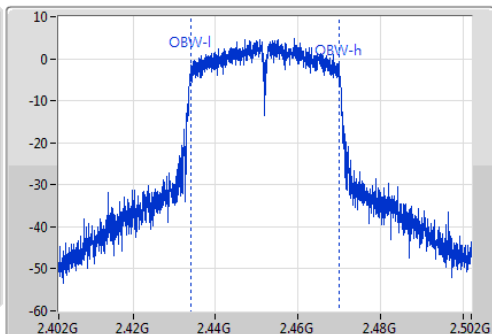
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	2.43445G	2.4697G	35.882M	2.434059G	2.469941G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	18.37	0.06871
802.11g_Nss1,(6Mbps)_1TX	16.36	0.04325
802.11n HT20_Nss1,(MCS0)_1TX	16.41	0.04375
802.11n HT40_Nss1,(MCS0)_1TX	15.30	0.03388

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	17.63	17.63	30.00
2417MHz_TnomVnom	Pass	1.71	18.00	18.00	30.00
2422MHz_TnomVnom	Pass	1.71	18.18	18.18	30.00
2427MHz_TnomVnom	Pass	1.71	18.15	18.15	30.00
2432MHz_TnomVnom	Pass	1.71	18.28	18.28	30.00
2437MHz_TnomVnom	Pass	1.71	18.08	18.08	30.00
2447MHz_TnomVnom	Pass	1.71	18.17	18.17	30.00
2452MHz_TnomVnom	Pass	1.71	18.20	18.20	30.00
2457MHz_TnomVnom	Pass	1.71	18.37	18.37	30.00
2462MHz_TnomVnom	Pass	1.71	18.31	18.31	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	16.20	16.20	30.00
2417MHz_TnomVnom	Pass	1.71	16.00	16.00	30.00
2422MHz_TnomVnom	Pass	1.71	16.36	16.36	30.00
2427MHz_TnomVnom	Pass	1.71	16.30	16.30	30.00
2432MHz_TnomVnom	Pass	1.71	16.04	16.04	30.00
2437MHz_TnomVnom	Pass	1.71	16.32	16.32	30.00
2442MHz_TnomVnom	Pass	1.71	16.10	16.10	30.00
2447MHz_TnomVnom	Pass	1.71	16.26	16.26	30.00
2452MHz_TnomVnom	Pass	1.71	16.07	16.07	30.00
2457MHz_TnomVnom	Pass	1.71	16.09	16.09	30.00
2462MHz_TnomVnom	Pass	1.71	16.24	16.24	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	16.12	16.12	30.00
2417MHz_TnomVnom	Pass	1.71	16.35	16.35	30.00
2422MHz_TnomVnom	Pass	1.71	16.34	16.34	30.00
2427MHz_TnomVnom	Pass	1.71	16.23	16.23	30.00
2432MHz_TnomVnom	Pass	1.71	16.41	16.41	30.00
2437MHz_TnomVnom	Pass	1.71	16.39	16.39	30.00
2442MHz_TnomVnom	Pass	1.71	16.22	16.22	30.00
2447MHz_TnomVnom	Pass	1.71	16.29	16.29	30.00
2452MHz_TnomVnom	Pass	1.71	16.26	16.26	30.00
2457MHz_TnomVnom	Pass	1.71	16.36	16.36	30.00
2462MHz_TnomVnom	Pass	1.71	16.36	16.36	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-



AV Power Result

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
2422MHz_TnomVnom	Pass	1.71	13.62	13.62	30.00
2427MHz_TnomVnom	Pass	1.71	15.10	15.10	30.00
2432MHz_TnomVnom	Pass	1.71	15.13	15.13	30.00
2437MHz_TnomVnom	Pass	1.71	15.13	15.13	30.00
2442MHz_TnomVnom	Pass	1.71	15.30	15.30	30.00
2447MHz_TnomVnom	Pass	1.71	15.16	15.16	30.00
2452MHz_TnomVnom	Pass	1.71	15.08	15.08	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)_1TX	-4.89
802.11g_Nss1,(6Mbps)_1TX	-8.27
802.11n HT20_Nss1,(MCS0)_1TX	-7.42
802.11n HT40_Nss1,(MCS0)_1TX	-12.44

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	-6.60	-6.60	8.00
2437MHz_TnomVnom	Pass	1.71	-4.89	-4.89	8.00
2462MHz_TnomVnom	Pass	1.71	-5.43	-5.43	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	-8.27	-8.27	8.00
2437MHz_TnomVnom	Pass	1.71	-9.29	-9.29	8.00
2462MHz_TnomVnom	Pass	1.71	-8.81	-8.81	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.71	-7.42	-7.42	8.00
2437MHz_TnomVnom	Pass	1.71	-9.18	-9.18	8.00
2462MHz_TnomVnom	Pass	1.71	-9.91	-9.91	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	1.71	-14.28	-14.28	8.00
2437MHz_TnomVnom	Pass	1.71	-13.58	-13.58	8.00
2452MHz_TnomVnom	Pass	1.71	-12.44	-12.44	8.00

DG = Directional Gain; RBW=3kHz;

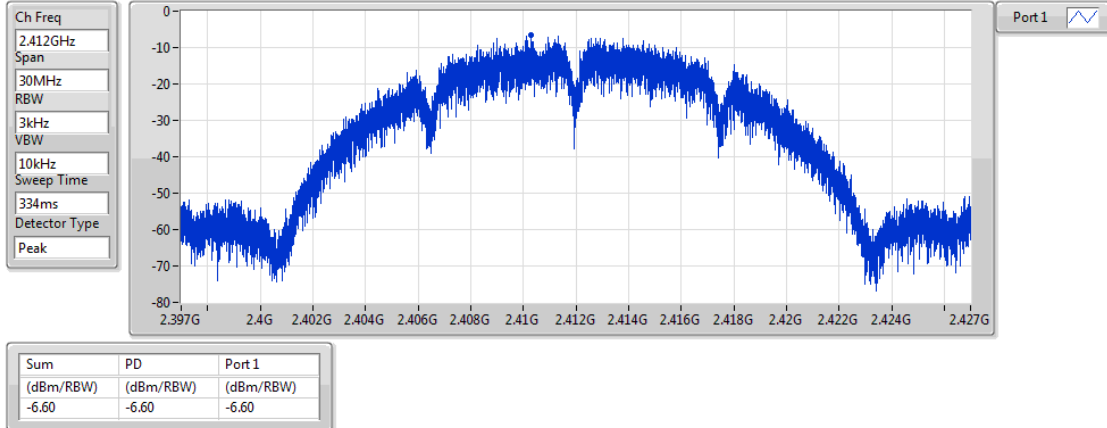
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

09/08/2018

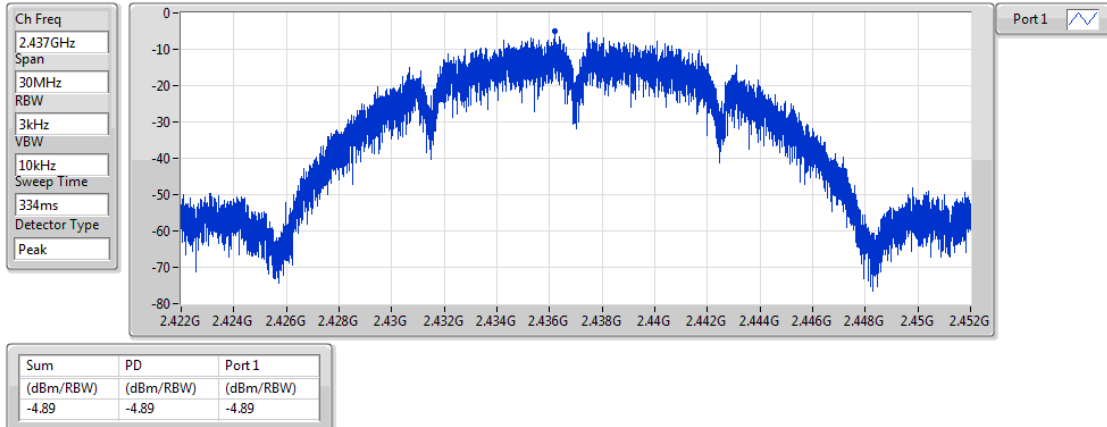


802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

09/08/2018

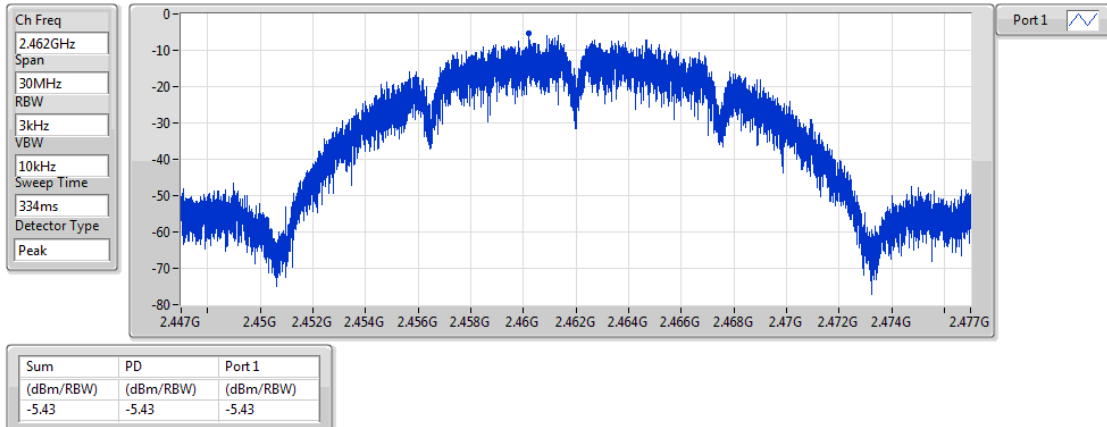


802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

09/08/2018

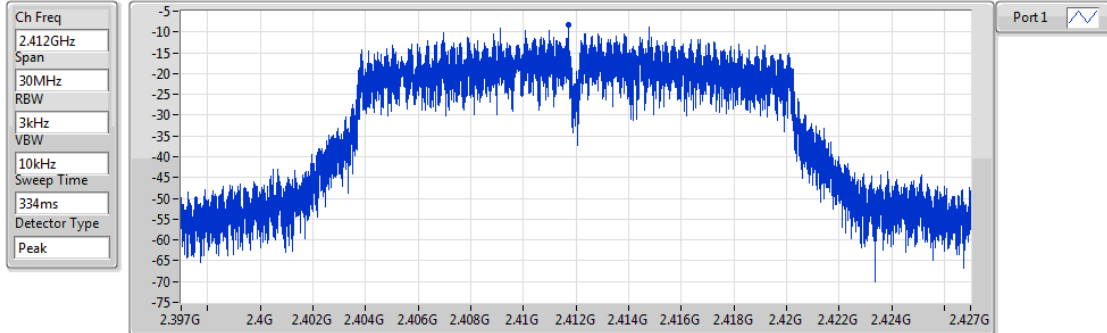


802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

09/08/2018



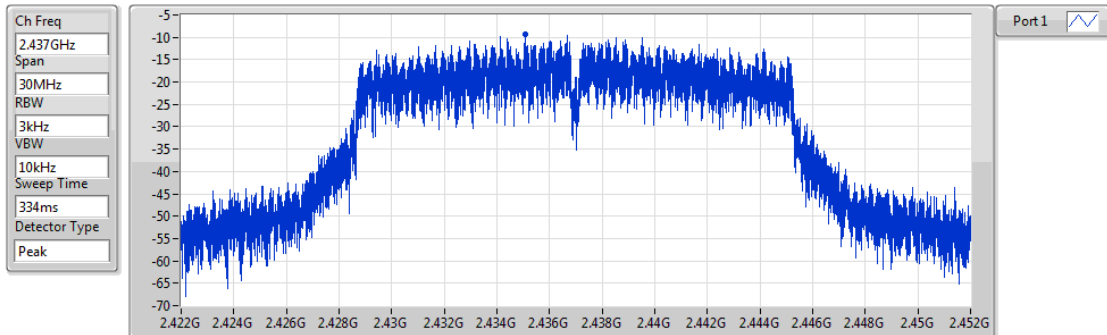
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.27	-8.27	-8.27

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

09/08/2018



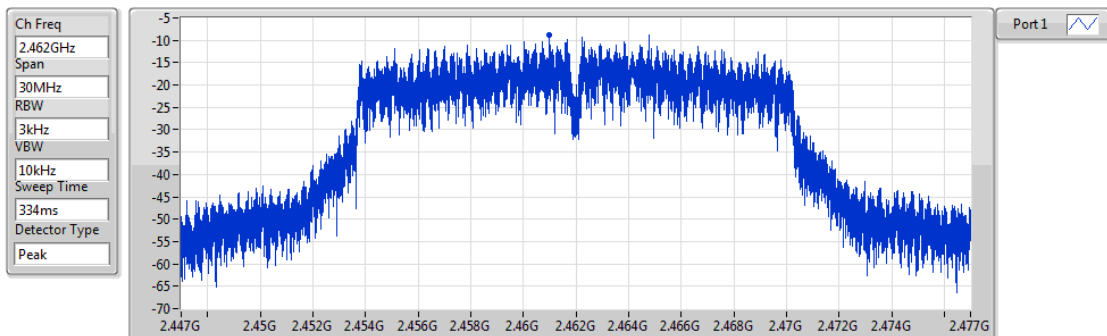
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-9.29	-9.29	-9.29

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

09/08/2018



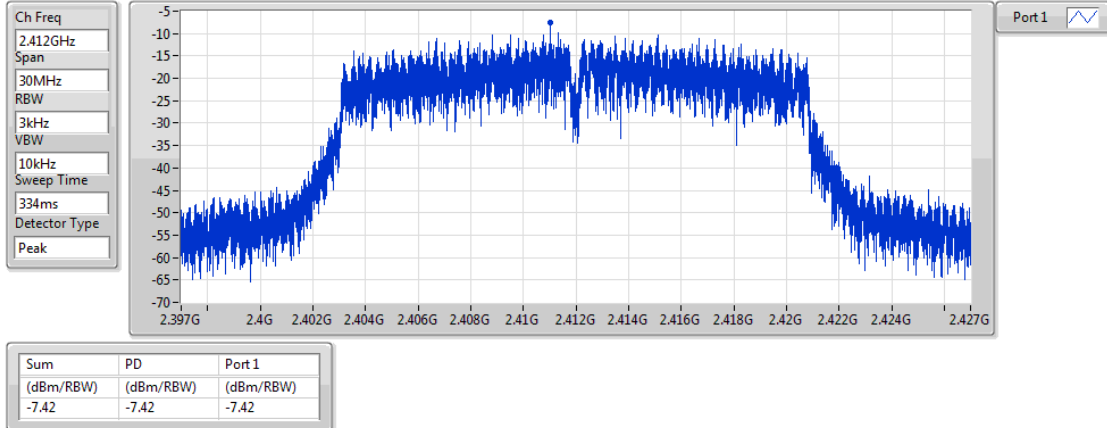
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.81	-8.81	-8.81

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

09/08/2018

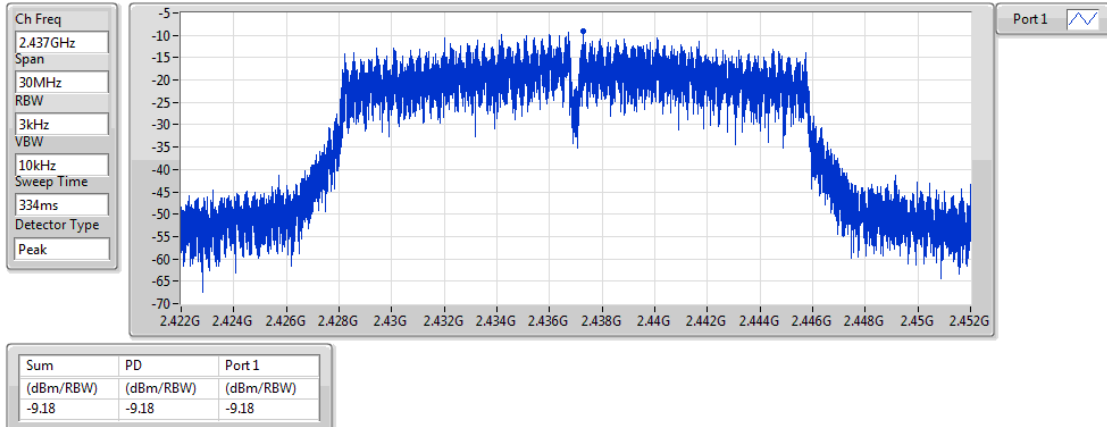


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

09/08/2018

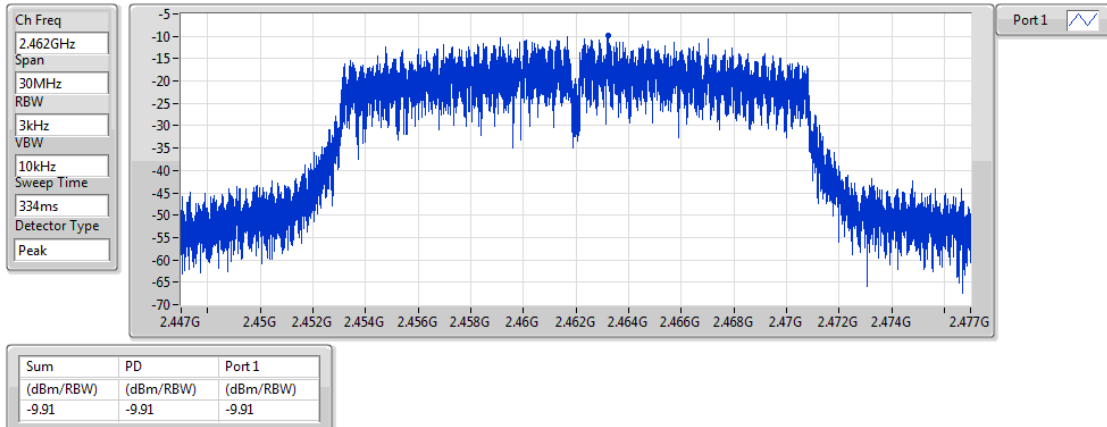


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

09/08/2018

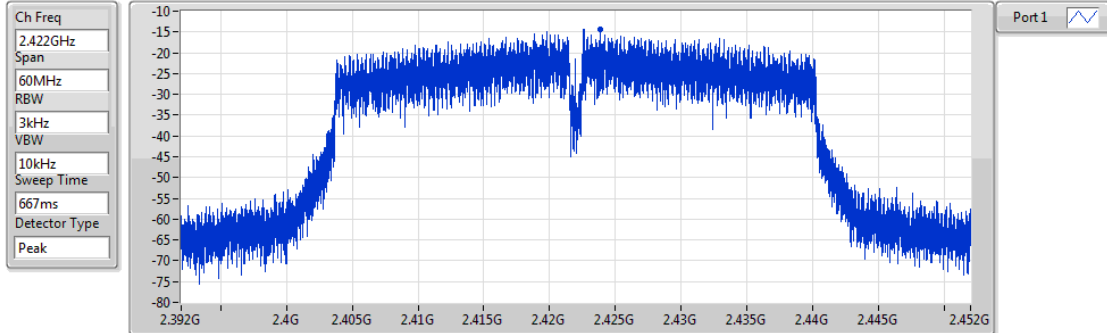


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

09/08/2018



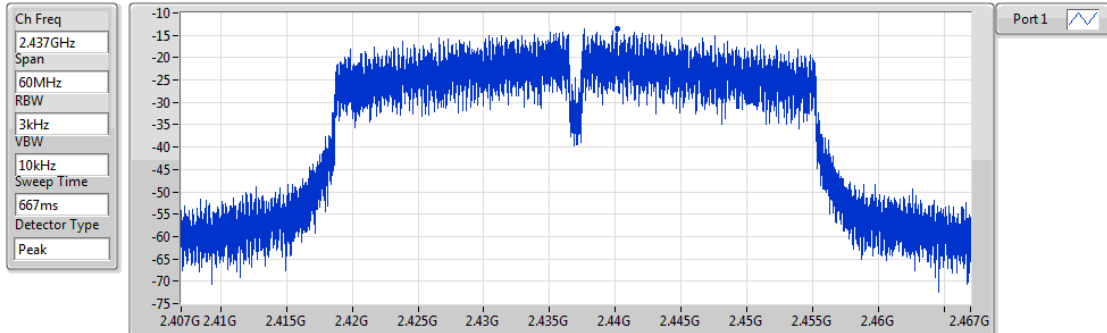
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-14.28	-14.28	-14.28

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

09/08/2018



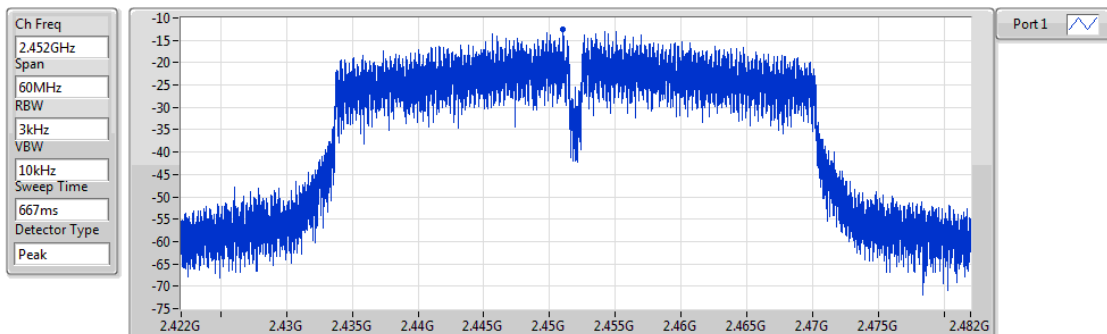
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.58	-13.58	-13.58

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

09/08/2018



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.44	-12.44	-12.44

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)_1TX	Pass	2.460955G	8.41	-21.59	2.309905G	-57.98	2.39904G	-35.97	2.48438G	-51.48	6.423173G	-53.23	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438243G	2.61	-27.39	2.300585G	-58.41	2.39984G	-29.96	2.5051G	-52.40	15.335105G	-52.73	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.436072G	2.47	-27.53	2.30641G	-55.81	2.39928G	-28.75	2.49534G	-51.75	6.920465G	-53.23	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.43841G	-1.22	-31.22	2.302825G	-59.58	2.3968G	-54.18	2.4851G	-38.37	6.972272G	-52.73	1

Result

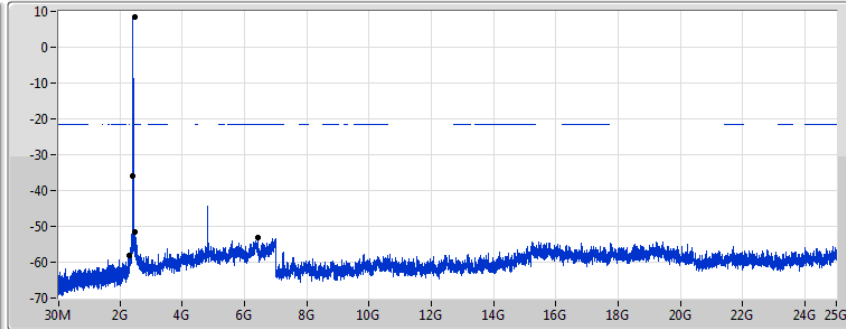
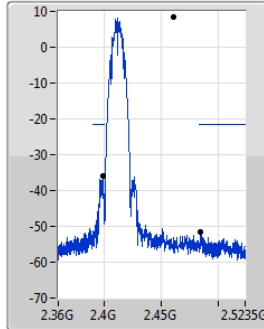
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.460955G	8.41	-21.59	2.309905G	-57.98	2.39904G	-35.97	2.48438G	-51.48	6.423173G	-53.23	1
2437MHz_TnomVnom	Pass	2.460955G	8.41	-21.59	2.11069G	-59.52	2.39224G	-53.90	2.48574G	-53.01	6.808083G	-53.58	1
2462MHz_TnomVnom	Pass	2.460955G	8.41	-21.59	2.309905G	-60.47	2.39944G	-52.82	2.48694G	-48.33	6.796845G	-51.68	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438243G	2.61	-27.39	2.300585G	-58.41	2.39984G	-29.96	2.5051G	-52.40	15.335105G	-52.73	1
2437MHz_TnomVnom	Pass	2.438243G	2.61	-27.39	2.30874G	-58.39	2.39344G	-50.56	2.49398G	-50.49	2.531929G	-51.99	1
2462MHz_TnomVnom	Pass	2.438243G	2.61	-27.39	2.30641G	-58.87	2.3908G	-52.27	2.48366G	-43.00	6.942942G	-52.88	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.436072G	2.47	-27.53	2.30641G	-55.81	2.39928G	-28.75	2.49534G	-51.75	6.920465G	-53.23	1
2437MHz_TnomVnom	Pass	2.436072G	2.47	-27.53	2.305245G	-58.32	2.39744G	-51.58	2.50902G	-50.03	6.937323G	-52.83	1
2462MHz_TnomVnom	Pass	2.436072G	2.47	-27.53	1.790315G	-58.91	2.39912G	-51.87	2.48414G	-40.29	2.551596G	-52.29	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43841G	-1.22	-31.22	2.30397G	-58.49	2.39712G	-39.75	2.4963G	-53.98	6.9891G	-52.56	1
2437MHz_TnomVnom	Pass	2.43841G	-1.22	-31.22	2.300535G	-57.09	2.39952G	-41.30	2.48446G	-50.01	6.18419G	-52.47	1
2452MHz_TnomVnom	Pass	2.43841G	-1.22	-31.22	2.302825G	-59.58	2.3968G	-54.18	2.4851G	-38.37	6.972272G	-52.73	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2412MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

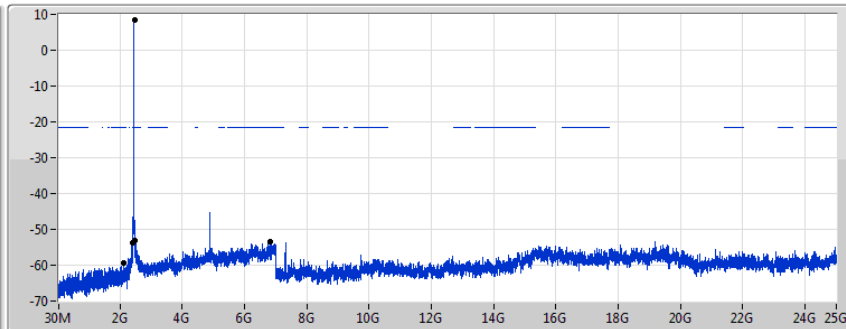
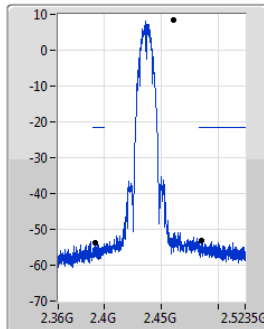
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	8.41	-21.59	2.309905G	-57.98	2.39904G	-35.97	2.48438G	-51.48	6.423173G	-53.23	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2437MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

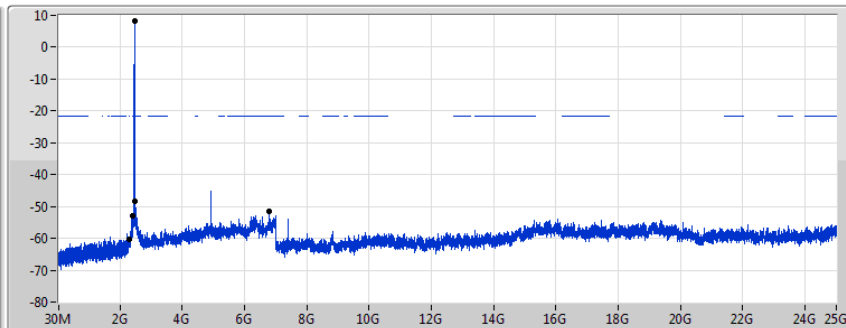
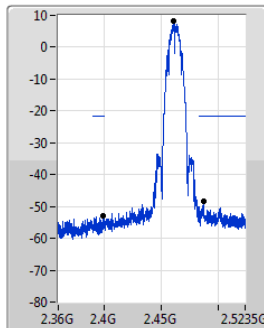
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	8.41	-21.59	2.11069G	-59.52	2.39224G	-53.90	2.48574G	-53.01	6.808083G	-53.58	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2462MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

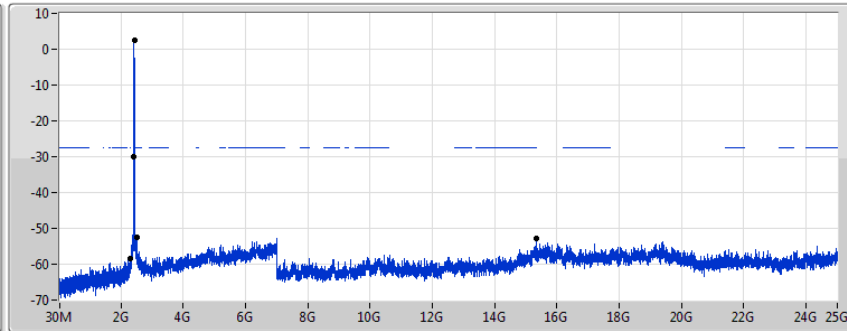
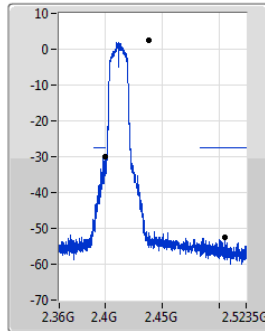
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.460955G	8.41	-21.59	2.309905G	-60.47	2.39944G	-52.82	2.48694G	-48.33	6.796845G	-51.68	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2412MHz

09/08/2018



Port 1 

RBW 100kHz VSW 300kHz
Detector Type Peak

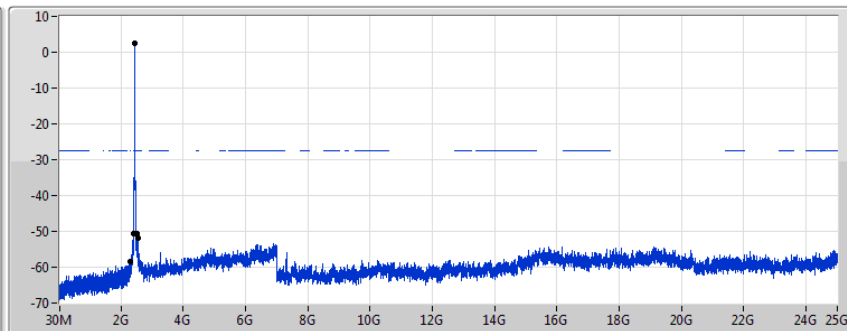
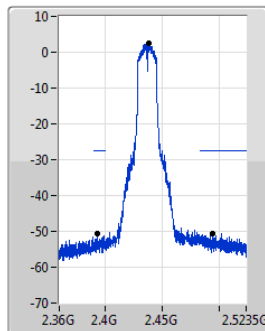
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	2.61	-27.39	2.300585G	-58.41	2.39984G	-29.96	2.5051G	-52.40	15.335105G	-52.73	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2437MHz

09/08/2018



Port 1 

RBW 100kHz VSW 300kHz
Detector Type Peak

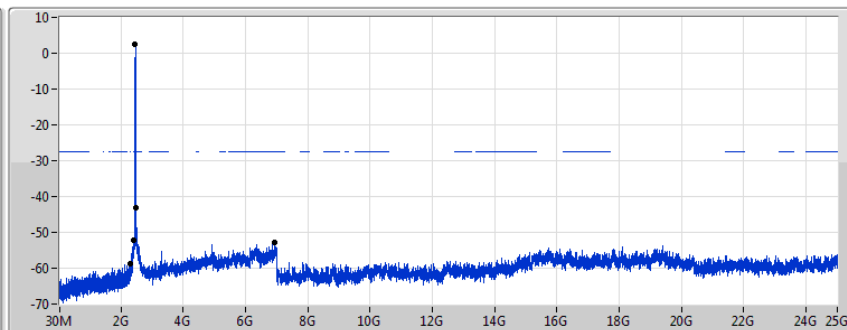
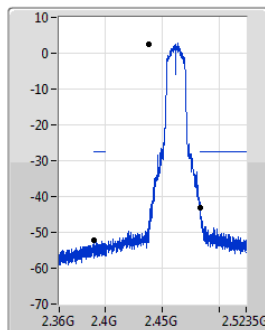
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	2.61	-27.39	2.30874G	-58.39	2.39344G	-50.56	2.49398G	-50.49	2.531929G	-51.99	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2462MHz

09/08/2018



Port 1 

RBW 100kHz VSW 300kHz
Detector Type Peak

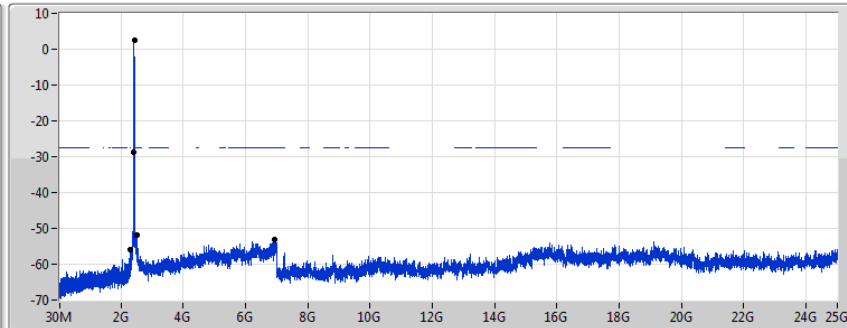
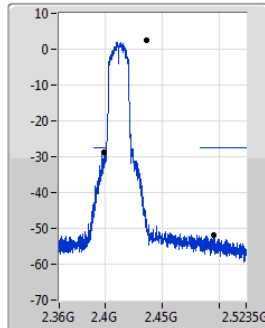
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	2.61	-27.39	2.30641G	-58.87	2.3908G	-52.27	2.48366G	-43.00	6.942942G	-52.88	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2412MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

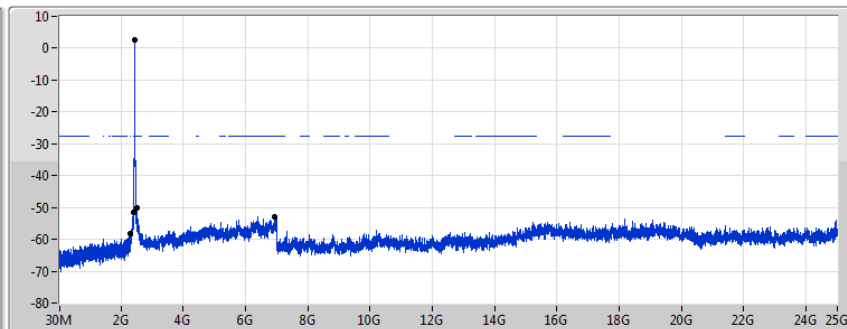
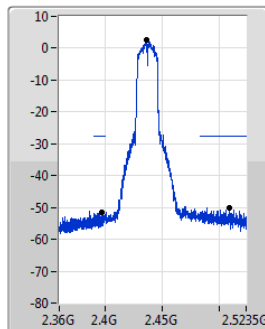
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436072G	2.47	-27.53	2.30641G	-55.81	2.39928G	-28.75	2.49534G	-51.75	6.920465G	-53.23	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

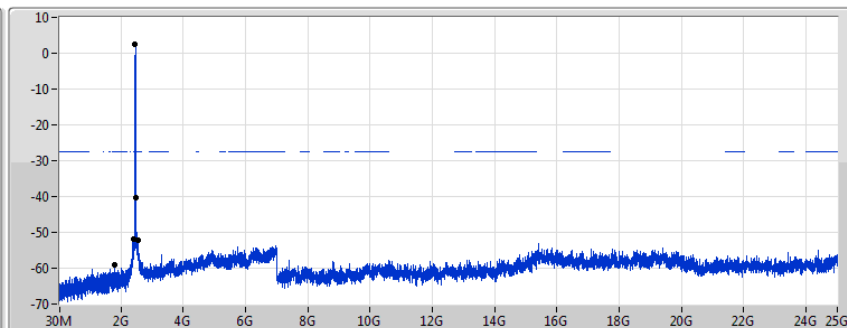
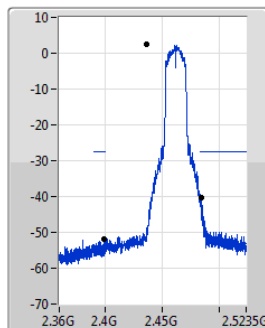
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436072G	2.47	-27.53	2.305245G	-58.32	2.39744G	-51.58	2.50902G	-50.03	6.937323G	-52.83	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2462MHz

09/08/2018



Port1 

RBW 100kHz VSW 300kHz
Detector Type Peak

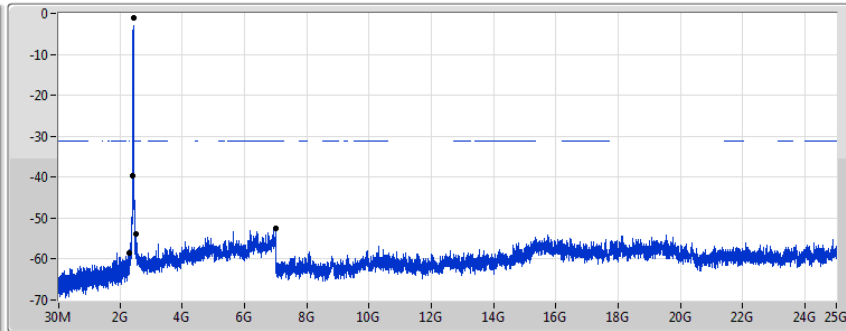
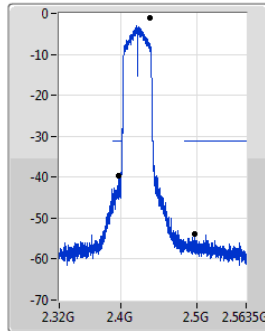
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.436072G	2.47	-27.53	1.790315G	-58.91	2.39912G	-51.87	2.48414G	-40.29	2.551596G	-52.29	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2422MHz

09/08/2018



Port 1 

RBW 100kHz VSW 300kHz
Detector Type Peak

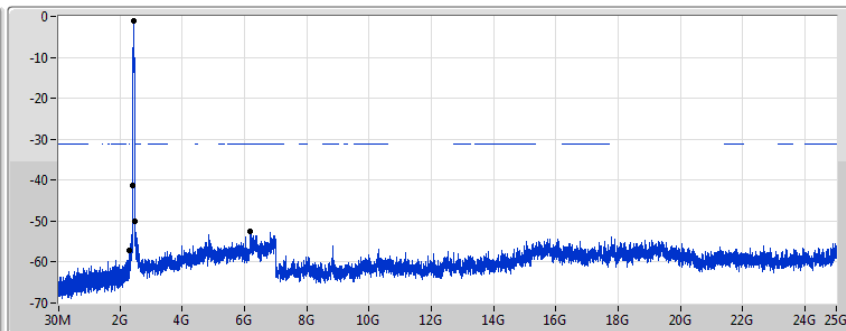
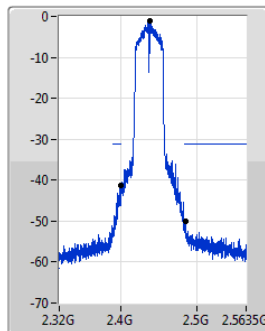
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	-1.22	-31.22	2.30397G	-58.49	2.39712G	-39.75	2.4963G	-53.98	6.9891G	-52.56	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

09/08/2018



Port 1 

RBW 100kHz VSW 300kHz
Detector Type Peak

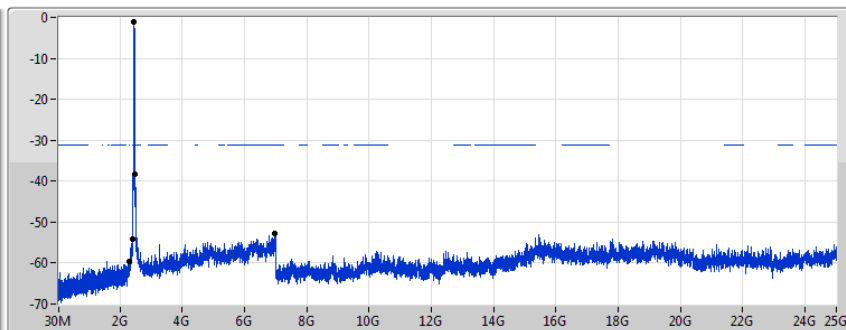
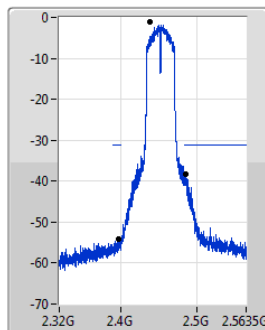
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	-1.22	-31.22	2.300535G	-57.09	2.39952G	-41.30	2.48446G	-50.01	6.18419G	-52.47	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2452MHz

09/08/2018



Port 1 

RBW 100kHz VSW 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
2.43841G	-1.22	-31.22	2.302825G	-59.58	2.3968G	-54.18	2.4851G	-38.37	6.972272G	-52.73	1



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)_1TX	Pass	QP	78.5M	36.71	40.00	-3.29	-14.74	3	Vertical	0	1.00	-

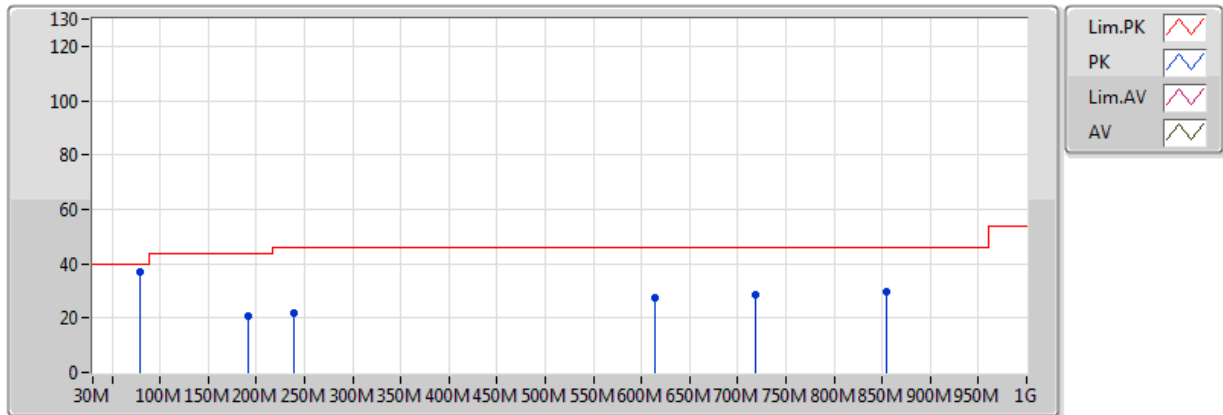
Result

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	191.02M	21.00	43.50	-22.50	-10.89	3	Vertical	0	1.00	-
2437MHz	Pass	PK	239.52M	21.80	46.00	-24.20	-8.07	3	Vertical	0	1.00	-
2437MHz	Pass	PK	613.94M	27.25	46.00	-18.75	-0.56	3	Vertical	0	1.00	-
2437MHz	Pass	PK	718.7M	28.67	46.00	-17.33	0.31	3	Vertical	0	1.00	-
2437MHz	Pass	PK	854.5M	29.85	46.00	-16.15	2.13	3	Vertical	0	1.00	-
2437MHz	Pass	QP	78.5M	36.71	40.00	-3.29	-14.74	3	Vertical	0	1.00	-
2437MHz	Pass	PK	78.5M	36.19	40.00	-3.81	-14.74	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	191.02M	34.19	43.50	-9.31	-10.89	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	239.52M	34.28	46.00	-11.72	-8.07	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	462.62M	30.84	46.00	-15.16	-2.56	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	718.7M	33.56	46.00	-12.44	0.31	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	949.56M	31.06	46.00	-14.94	3.70	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

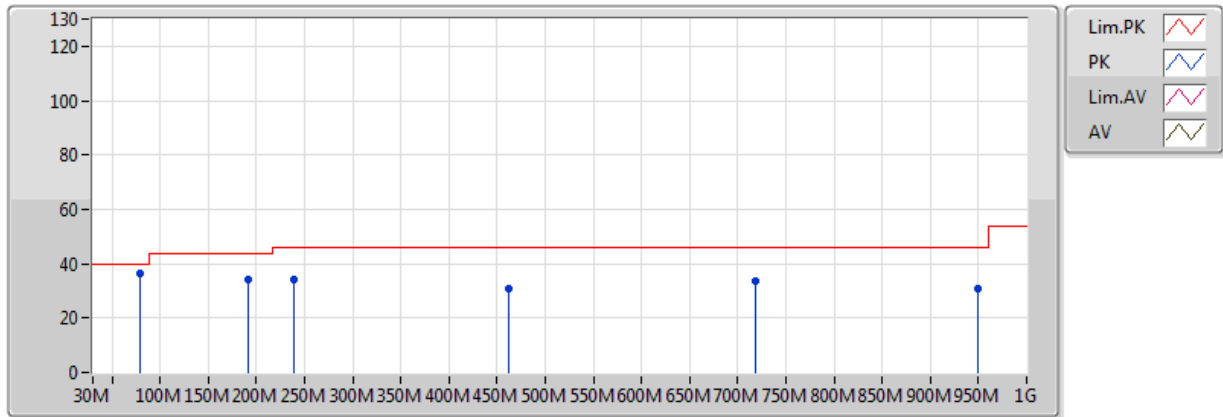


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	191.02M	21.00	43.50	-22.50	-10.89	3	Vertical	0	1.00	-
PK	239.52M	21.80	46.00	-24.20	-8.07	3	Vertical	0	1.00	-
PK	613.94M	27.25	46.00	-18.75	-0.56	3	Vertical	0	1.00	-
PK	718.7M	28.67	46.00	-17.33	0.31	3	Vertical	0	1.00	-
PK	854.5M	29.85	46.00	-16.15	2.13	3	Vertical	0	1.00	-
QP	78.5M	36.71	40.00	-3.29	-14.74	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	78.5M	36.19	40.00	-3.81	-14.74	3	Horizontal	360	1.00	-
PK	191.02M	34.19	43.50	-9.31	-10.89	3	Horizontal	360	1.00	-
PK	239.52M	34.28	46.00	-11.72	-8.07	3	Horizontal	360	1.00	-
PK	462.62M	30.84	46.00	-15.16	-2.56	3	Horizontal	360	1.00	-
PK	718.7M	33.56	46.00	-12.44	0.31	3	Horizontal	360	1.00	-
PK	949.56M	31.06	46.00	-14.94	3.70	3	Horizontal	360	1.00	-

**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)_1TX	Pass	AV	2.3898G	52.38	54.00	-1.62	32.28	3	Horizontal	211	1.43	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.389998G	52.49	54.00	-1.51	32.28	3	Horizontal	326	2.54	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	234	2.81	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	50	1.50	-

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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.387G	46.19	54.00	-7.81	32.26	3	Vertical	161	2.91	-
2412MHz	Pass	AV	2.4128G	95.99	Inf	-Inf	32.36	3	Vertical	161	2.91	-
2412MHz	Pass	PK	2.387G	56.67	74.00	-17.33	32.26	3	Vertical	161	2.91	-
2412MHz	Pass	PK	2.413G	99.98	Inf	-Inf	32.36	3	Vertical	161	2.91	-
2412MHz	Pass	AV	2.387G	50.92	54.00	-3.08	32.26	3	Horizontal	211	2.04	-
2412MHz	Pass	AV	2.4112G	103.30	Inf	-Inf	32.35	3	Horizontal	211	2.04	-
2412MHz	Pass	PK	2.3874G	59.18	74.00	-14.82	32.26	3	Horizontal	211	2.04	-
2412MHz	Pass	PK	2.413G	107.22	Inf	-Inf	32.36	3	Horizontal	211	2.04	-
2412MHz	Pass	AV	4.823904G	40.13	54.00	-13.87	3.03	3	Vertical	310	2.78	-
2412MHz	Pass	PK	4.823904G	48.06	74.00	-25.94	3.03	3	Vertical	310	2.78	-
2412MHz	Pass	AV	4.823896G	36.79	54.00	-17.21	3.03	3	Horizontal	37	3.08	-
2412MHz	Pass	PK	4.823832G	46.29	74.00	-27.71	3.03	3	Horizontal	37	3.08	-
2417MHz	Pass	AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	162	2.91	-
2417MHz	Pass	AV	2.4162G	95.85	Inf	-Inf	32.37	3	Vertical	162	2.91	-
2417MHz	Pass	PK	2.3898G	57.04	74.00	-16.96	32.28	3	Vertical	162	2.91	-
2417MHz	Pass	PK	2.416G	99.64	Inf	-Inf	32.37	3	Vertical	162	2.91	-
2417MHz	Pass	AV	2.389998G	52.37	54.00	-1.63	32.28	3	Horizontal	211	2.01	-
2417MHz	Pass	AV	2.4162G	102.94	Inf	-Inf	32.37	3	Horizontal	211	2.01	-
2417MHz	Pass	PK	2.389998G	59.87	74.00	-14.13	32.28	3	Horizontal	211	2.01	-
2417MHz	Pass	PK	2.416G	106.76	Inf	-Inf	32.37	3	Horizontal	211	2.01	-
2422MHz	Pass	AV	2.3848G	44.02	54.00	-9.98	32.25	3	Vertical	131	1.49	-
2422MHz	Pass	AV	2.4212G	88.88	Inf	-Inf	32.39	3	Vertical	131	1.49	-
2422MHz	Pass	AV	2.499998G	44.18	54.00	-9.82	32.67	3	Vertical	131	1.49	-
2422MHz	Pass	PK	2.3852G	55.52	74.00	-18.48	32.25	3	Vertical	131	1.49	-
2422MHz	Pass	PK	2.4212G	92.66	Inf	-Inf	32.39	3	Vertical	131	1.49	-
2422MHz	Pass	PK	2.4864G	56.83	74.00	-17.17	32.62	3	Vertical	131	1.49	-
2422MHz	Pass	AV	2.3852G	52.28	54.00	-1.72	32.25	3	Horizontal	210	1.25	-
2422MHz	Pass	AV	2.4212G	102.80	Inf	-Inf	32.39	3	Horizontal	210	1.25	-
2422MHz	Pass	AV	2.483502G	44.49	54.00	-9.51	32.61	3	Horizontal	210	1.25	-
2422MHz	Pass	PK	2.3848G	59.87	74.00	-14.13	32.25	3	Horizontal	210	1.25	-
2422MHz	Pass	PK	2.4208G	106.66	Inf	-Inf	32.38	3	Horizontal	210	1.25	-
2422MHz	Pass	PK	2.4992G	55.96	74.00	-18.04	32.67	3	Horizontal	210	1.25	-
2427MHz	Pass	AV	2.3898G	47.59	54.00	-6.41	32.28	3	Vertical	290	2.75	-
2427MHz	Pass	AV	2.4262G	100.19	Inf	-Inf	32.40	3	Vertical	290	2.75	-
2427MHz	Pass	AV	2.4858G	44.34	54.00	-9.66	32.62	3	Vertical	290	2.75	-
2427MHz	Pass	PK	2.3898G	57.27	74.00	-16.73	32.28	3	Vertical	290	2.75	-
2427MHz	Pass	PK	2.4278G	104.20	Inf	-Inf	32.41	3	Vertical	290	2.75	-
2427MHz	Pass	PK	2.4938G	55.79	74.00	-18.21	32.65	3	Vertical	290	2.75	-
2427MHz	Pass	AV	2.3898G	52.38	54.00	-1.62	32.28	3	Horizontal	211	1.43	-
2427MHz	Pass	AV	2.4262G	102.73	Inf	-Inf	32.40	3	Horizontal	211	1.43	-
2427MHz	Pass	AV	2.4866G	44.79	54.00	-9.21	32.62	3	Horizontal	211	1.43	-
2427MHz	Pass	PK	2.3898G	59.31	74.00	-14.69	32.28	3	Horizontal	211	1.43	-
2427MHz	Pass	PK	2.4278G	106.60	Inf	-Inf	32.41	3	Horizontal	211	1.43	-
2427MHz	Pass	PK	2.4866G	56.15	74.00	-17.85	32.62	3	Horizontal	211	1.43	-
2432MHz	Pass	AV	2.389998G	45.02	54.00	-8.98	32.28	3	Vertical	290	2.76	-
2432MHz	Pass	AV	2.4312G	100.45	Inf	-Inf	32.42	3	Vertical	290	2.76	-
2432MHz	Pass	AV	2.492G	44.47	54.00	-9.53	32.64	3	Vertical	290	2.76	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz	Pass	PK	2.382G	56.23	74.00	-17.77	32.25	3	Vertical	290	2.76	-
2432MHz	Pass	PK	2.4312G	104.21	Inf	-Inf	32.42	3	Vertical	290	2.76	-
2432MHz	Pass	PK	2.4916G	56.16	74.00	-17.84	32.64	3	Vertical	290	2.76	-
2432MHz	Pass	AV	2.389998G	47.18	54.00	-6.82	32.28	3	Horizontal	212	1.42	-
2432MHz	Pass	AV	2.4312G	102.34	Inf	-Inf	32.42	3	Horizontal	212	1.42	-
2432MHz	Pass	AV	2.4916G	44.99	54.00	-9.01	32.64	3	Horizontal	212	1.42	-
2432MHz	Pass	PK	2.3832G	56.69	74.00	-17.31	32.25	3	Horizontal	212	1.42	-
2432MHz	Pass	PK	2.4312G	106.21	Inf	-Inf	32.42	3	Horizontal	212	1.42	-
2432MHz	Pass	PK	2.484G	56.67	74.00	-17.33	32.61	3	Horizontal	212	1.42	-
2437MHz	Pass	AV	2.389G	48.03	54.00	-5.97	32.27	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.4362G	102.14	Inf	-Inf	32.44	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.4966G	45.50	54.00	-8.50	32.66	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.389G	57.78	74.00	-16.22	32.27	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.4362G	105.97	Inf	-Inf	32.44	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.4994G	57.35	74.00	-16.65	32.67	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.389G	47.27	54.00	-6.73	32.27	3	Horizontal	322	2.49	-
2437MHz	Pass	AV	2.4362G	103.86	Inf	-Inf	32.44	3	Horizontal	322	2.49	-
2437MHz	Pass	AV	2.4966G	46.11	54.00	-7.89	32.66	3	Horizontal	322	2.49	-
2437MHz	Pass	PK	2.3894G	57.93	74.00	-16.07	32.27	3	Horizontal	322	2.49	-
2437MHz	Pass	PK	2.4362G	107.63	Inf	-Inf	32.44	3	Horizontal	322	2.49	-
2437MHz	Pass	PK	2.4866G	57.14	74.00	-16.86	32.62	3	Horizontal	322	2.49	-
2437MHz	Pass	AV	4.873904G	50.13	54.00	-3.87	3.14	3	Vertical	309	2.87	-
2437MHz	Pass	PK	4.873916G	53.68	74.00	-20.32	3.14	3	Vertical	309	2.87	-
2437MHz	Pass	AV	4.873912G	44.62	54.00	-9.38	3.14	3	Horizontal	53	2.85	-
2437MHz	Pass	PK	4.874044G	50.15	74.00	-23.85	3.14	3	Horizontal	53	2.85	-
2447MHz	Pass	AV	2.3894G	43.74	54.00	-10.26	32.27	3	Vertical	289	2.78	-
2447MHz	Pass	AV	2.4462G	98.63	Inf	-Inf	32.48	3	Vertical	289	2.78	-
2447MHz	Pass	AV	2.4974G	44.51	54.00	-9.49	32.66	3	Vertical	289	2.78	-
2447MHz	Pass	PK	2.3594G	55.15	74.00	-18.85	32.16	3	Vertical	289	2.78	-
2447MHz	Pass	PK	2.4458G	102.49	Inf	-Inf	32.47	3	Vertical	289	2.78	-
2447MHz	Pass	PK	2.4922G	56.21	74.00	-17.79	32.64	3	Vertical	289	2.78	-
2447MHz	Pass	AV	2.3882G	43.94	54.00	-10.06	32.27	3	Horizontal	325	2.50	-
2447MHz	Pass	AV	2.4462G	103.19	Inf	-Inf	32.48	3	Horizontal	325	2.50	-
2447MHz	Pass	AV	2.4958G	45.07	54.00	-8.93	32.65	3	Horizontal	325	2.50	-
2447MHz	Pass	PK	2.3814G	55.74	74.00	-18.26	32.25	3	Horizontal	325	2.50	-
2447MHz	Pass	PK	2.4458G	107.01	Inf	-Inf	32.47	3	Horizontal	325	2.50	-
2447MHz	Pass	PK	2.4998G	56.72	74.00	-17.28	32.67	3	Horizontal	325	2.50	-
2452MHz	Pass	AV	2.389998G	43.60	54.00	-10.40	32.28	3	Vertical	156	1.07	-
2452MHz	Pass	AV	2.4512G	91.20	Inf	-Inf	32.49	3	Vertical	156	1.07	-
2452MHz	Pass	AV	2.483502G	44.54	54.00	-9.46	32.61	3	Vertical	156	1.07	-
2452MHz	Pass	PK	2.3756G	55.19	74.00	-18.81	32.22	3	Vertical	156	1.07	-
2452MHz	Pass	PK	2.4512G	94.96	Inf	-Inf	32.49	3	Vertical	156	1.07	-
2452MHz	Pass	PK	2.4916G	56.70	74.00	-17.30	32.64	3	Vertical	156	1.07	-
2452MHz	Pass	AV	2.389998G	44.26	54.00	-9.74	32.28	3	Horizontal	321	1.15	-
2452MHz	Pass	AV	2.4512G	102.38	Inf	-Inf	32.49	3	Horizontal	321	1.15	-
2452MHz	Pass	AV	2.483502G	51.92	54.00	-2.08	32.61	3	Horizontal	321	1.15	-
2452MHz	Pass	PK	2.3896G	55.88	74.00	-18.12	32.28	3	Horizontal	321	1.15	-
2452MHz	Pass	PK	2.4512G	106.18	Inf	-Inf	32.49	3	Horizontal	321	1.15	-
2452MHz	Pass	PK	2.4876G	60.40	74.00	-13.60	32.63	3	Horizontal	321	1.15	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4562G	89.49	Inf	-Inf	32.51	3	Vertical	157	1.07	-
2457MHz	Pass	AV	2.483502G	44.54	54.00	-9.46	32.61	3	Vertical	157	1.07	-
2457MHz	Pass	PK	2.456G	93.34	Inf	-Inf	32.51	3	Vertical	157	1.07	-
2457MHz	Pass	PK	2.494G	56.27	74.00	-17.73	32.65	3	Vertical	157	1.07	-
2457MHz	Pass	AV	2.4562G	101.37	Inf	-Inf	32.51	3	Horizontal	322	1.12	-
2457MHz	Pass	AV	2.483502G	52.35	54.00	-1.65	32.61	3	Horizontal	322	1.12	-
2457MHz	Pass	PK	2.456G	105.19	Inf	-Inf	32.51	3	Horizontal	322	1.12	-
2457MHz	Pass	PK	2.4836G	59.77	74.00	-14.23	32.61	3	Horizontal	322	1.12	-
2462MHz	Pass	AV	2.4612G	98.87	Inf	-Inf	32.53	3	Vertical	266	3.09	-
2462MHz	Pass	AV	2.4878G	48.58	54.00	-5.42	32.63	3	Vertical	266	3.09	-
2462MHz	Pass	PK	2.461G	102.74	Inf	-Inf	32.53	3	Vertical	266	3.09	-
2462MHz	Pass	PK	2.4876G	59.00	74.00	-15.00	32.63	3	Vertical	266	3.09	-
2462MHz	Pass	AV	2.4612G	100.70	Inf	-Inf	32.53	3	Horizontal	319	1.12	-
2462MHz	Pass	AV	2.4878G	52.35	54.00	-1.65	32.63	3	Horizontal	319	1.12	-
2462MHz	Pass	PK	2.461G	104.53	Inf	-Inf	32.53	3	Horizontal	319	1.12	-
2462MHz	Pass	PK	2.488G	60.65	74.00	-13.35	32.63	3	Horizontal	319	1.12	-
2462MHz	Pass	AV	4.923916G	36.45	54.00	-17.55	3.25	3	Vertical	309	2.99	-
2462MHz	Pass	PK	4.923748G	46.79	74.00	-27.21	3.25	3	Vertical	309	2.99	-
2462MHz	Pass	AV	4.923932G	32.49	54.00	-21.51	3.25	3	Horizontal	339	1.17	-
2462MHz	Pass	PK	4.923544G	46.01	74.00	-27.99	3.25	3	Horizontal	339	1.17	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	52.05	54.00	-1.95	32.28	3	Vertical	269	3.19	-
2412MHz	Pass	AV	2.4128G	97.48	Inf	-Inf	32.36	3	Vertical	269	3.19	-
2412MHz	Pass	PK	2.389998G	68.87	74.00	-5.13	32.28	3	Vertical	269	3.19	-
2412MHz	Pass	PK	2.412G	107.15	Inf	-Inf	32.35	3	Vertical	269	3.19	-
2412MHz	Pass	AV	2.389998G	51.56	54.00	-2.44	32.28	3	Horizontal	309	2.85	-
2412MHz	Pass	AV	2.4108G	96.50	Inf	-Inf	32.35	3	Horizontal	309	2.85	-
2412MHz	Pass	PK	2.389998G	67.79	74.00	-6.21	32.28	3	Horizontal	309	2.85	-
2412MHz	Pass	PK	2.4118G	106.32	Inf	-Inf	32.35	3	Horizontal	309	2.85	-
2412MHz	Pass	AV	4.823948G	30.81	54.00	-23.19	3.03	3	Vertical	225	1.27	-
2412MHz	Pass	PK	4.8238G	44.75	74.00	-29.25	3.03	3	Vertical	225	1.27	-
2412MHz	Pass	AV	4.823884G	30.76	54.00	-23.24	3.03	3	Horizontal	179	1.53	-
2412MHz	Pass	PK	4.823812G	44.98	74.00	-29.02	3.03	3	Horizontal	179	1.53	-
2417MHz	Pass	AV	2.389998G	48.06	54.00	-5.94	32.28	3	Vertical	195	2.53	-
2417MHz	Pass	AV	2.418G	92.21	Inf	-Inf	32.37	3	Vertical	195	2.53	-
2417MHz	Pass	PK	2.389998G	63.61	74.00	-10.39	32.28	3	Vertical	195	2.53	-
2417MHz	Pass	PK	2.4154G	102.23	Inf	-Inf	32.37	3	Vertical	195	2.53	-
2417MHz	Pass	AV	2.389998G	52.49	54.00	-1.51	32.28	3	Horizontal	326	2.54	-
2417MHz	Pass	AV	2.4178G	99.02	Inf	-Inf	32.37	3	Horizontal	326	2.54	-
2417MHz	Pass	PK	2.389998G	69.25	74.00	-4.75	32.28	3	Horizontal	326	2.54	-
2417MHz	Pass	PK	2.4158G	109.31	Inf	-Inf	32.37	3	Horizontal	326	2.54	-
2422MHz	Pass	AV	2.389998G	44.19	54.00	-9.81	32.28	3	Vertical	133	1.50	-
2422MHz	Pass	AV	2.4208G	84.88	Inf	-Inf	32.38	3	Vertical	133	1.50	-
2422MHz	Pass	AV	2.4948G	44.25	54.00	-9.75	32.65	3	Vertical	133	1.50	-
2422MHz	Pass	PK	2.3888G	57.25	74.00	-16.75	32.27	3	Vertical	133	1.50	-
2422MHz	Pass	PK	2.4236G	94.77	Inf	-Inf	32.39	3	Vertical	133	1.50	-
2422MHz	Pass	PK	2.4964G	55.43	74.00	-18.57	32.66	3	Vertical	133	1.50	-
2422MHz	Pass	AV	2.389998G	52.30	54.00	-1.70	32.28	3	Horizontal	209	2.01	-
2422MHz	Pass	AV	2.4212G	98.76	Inf	-Inf	32.39	3	Horizontal	209	2.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.4944G	44.37	54.00	-9.63	32.65	3	Horizontal	209	2.01	-
2422MHz	Pass	PK	2.3896G	71.12	74.00	-2.88	32.28	3	Horizontal	209	2.01	-
2422MHz	Pass	PK	2.4204G	108.65	Inf	-Inf	32.38	3	Horizontal	209	2.01	-
2422MHz	Pass	PK	2.492G	56.06	74.00	-17.94	32.64	3	Horizontal	209	2.01	-
2427MHz	Pass	AV	2.3898G	48.76	54.00	-5.24	32.28	3	Vertical	197	2.84	-
2427MHz	Pass	AV	2.4278G	96.02	Inf	-Inf	32.41	3	Vertical	197	2.84	-
2427MHz	Pass	AV	2.4998G	44.28	54.00	-9.72	32.67	3	Vertical	197	2.84	-
2427MHz	Pass	PK	2.3894G	63.51	74.00	-10.49	32.27	3	Vertical	197	2.84	-
2427MHz	Pass	PK	2.4282G	106.36	Inf	-Inf	32.41	3	Vertical	197	2.84	-
2427MHz	Pass	PK	2.4978G	55.87	74.00	-18.13	32.66	3	Vertical	197	2.84	-
2427MHz	Pass	AV	2.3898G	52.44	54.00	-1.56	32.28	3	Horizontal	211	2.80	-
2427MHz	Pass	AV	2.4262G	98.71	Inf	-Inf	32.40	3	Horizontal	211	2.80	-
2427MHz	Pass	AV	2.483502G	44.35	54.00	-9.65	32.61	3	Horizontal	211	2.80	-
2427MHz	Pass	PK	2.3898G	67.84	74.00	-6.16	32.28	3	Horizontal	211	2.80	-
2427MHz	Pass	PK	2.4254G	109.53	Inf	-Inf	32.40	3	Horizontal	211	2.80	-
2427MHz	Pass	PK	2.4994G	56.50	74.00	-17.50	32.67	3	Horizontal	211	2.80	-
2432MHz	Pass	AV	2.3896G	48.44	54.00	-5.56	32.28	3	Vertical	291	2.75	-
2432MHz	Pass	AV	2.4312G	96.84	Inf	-Inf	32.42	3	Vertical	291	2.75	-
2432MHz	Pass	AV	2.483502G	44.77	54.00	-9.23	32.61	3	Vertical	291	2.75	-
2432MHz	Pass	PK	2.3868G	63.77	74.00	-10.23	32.26	3	Vertical	291	2.75	-
2432MHz	Pass	PK	2.4328G	107.32	Inf	-Inf	32.43	3	Vertical	291	2.75	-
2432MHz	Pass	PK	2.4844G	58.11	74.00	-15.89	32.61	3	Vertical	291	2.75	-
2432MHz	Pass	AV	2.389998G	51.39	54.00	-2.61	32.28	3	Horizontal	209	1.45	-
2432MHz	Pass	AV	2.4312G	98.60	Inf	-Inf	32.42	3	Horizontal	209	1.45	-
2432MHz	Pass	AV	2.483502G	45.33	54.00	-8.67	32.61	3	Horizontal	209	1.45	-
2432MHz	Pass	PK	2.3868G	67.72	74.00	-6.28	32.26	3	Horizontal	209	1.45	-
2432MHz	Pass	PK	2.4296G	109.30	Inf	-Inf	32.42	3	Horizontal	209	1.45	-
2432MHz	Pass	PK	2.483502G	60.74	74.00	-13.26	32.61	3	Horizontal	209	1.45	-
2437MHz	Pass	AV	2.3898G	50.67	54.00	-3.33	32.28	3	Vertical	266	3.15	-
2437MHz	Pass	AV	2.4358G	98.72	Inf	-Inf	32.44	3	Vertical	266	3.15	-
2437MHz	Pass	AV	2.483502G	46.89	54.00	-7.11	32.61	3	Vertical	266	3.15	-
2437MHz	Pass	PK	2.3898G	67.20	74.00	-6.80	32.28	3	Vertical	266	3.15	-
2437MHz	Pass	PK	2.4378G	109.03	Inf	-Inf	32.45	3	Vertical	266	3.15	-
2437MHz	Pass	PK	2.4854G	64.44	74.00	-9.56	32.61	3	Vertical	266	3.15	-
2437MHz	Pass	AV	2.3898G	48.47	54.00	-5.53	32.28	3	Horizontal	319	3.10	-
2437MHz	Pass	AV	2.4358G	100.67	Inf	-Inf	32.44	3	Horizontal	319	3.10	-
2437MHz	Pass	AV	2.483502G	48.75	54.00	-5.25	32.61	3	Horizontal	319	3.10	-
2437MHz	Pass	PK	2.3882G	63.70	74.00	-10.30	32.27	3	Horizontal	319	3.10	-
2437MHz	Pass	PK	2.4354G	111.59	Inf	-Inf	32.44	3	Horizontal	319	3.10	-
2437MHz	Pass	PK	2.4854G	66.16	74.00	-7.84	32.61	3	Horizontal	319	3.10	-
2437MHz	Pass	AV	4.88342G	31.09	54.00	-22.91	3.16	3	Vertical	320	1.63	-
2437MHz	Pass	PK	4.86578G	44.68	74.00	-29.32	3.12	3	Vertical	320	1.63	-
2437MHz	Pass	AV	4.87556G	31.70	54.00	-22.30	3.15	3	Horizontal	256	1.78	-
2437MHz	Pass	PK	4.87592G	45.75	74.00	-28.25	3.15	3	Horizontal	256	1.78	-
2442MHz	Pass	AV	2.389998G	45.49	54.00	-8.51	32.28	3	Vertical	288	2.99	-
2442MHz	Pass	AV	2.4428G	96.16	Inf	-Inf	32.46	3	Vertical	288	2.99	-
2442MHz	Pass	AV	2.483502G	49.51	54.00	-4.49	32.61	3	Vertical	288	2.99	-
2442MHz	Pass	PK	2.3896G	60.51	74.00	-13.49	32.28	3	Vertical	288	2.99	-
2442MHz	Pass	PK	2.4428G	106.65	Inf	-Inf	32.46	3	Vertical	288	2.99	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	PK	2.4844G	66.02	74.00	-7.98	32.61	3	Vertical	288	2.99	-
2442MHz	Pass	AV	2.389998G	48.49	54.00	-5.51	32.28	3	Horizontal	321	1.01	-
2442MHz	Pass	AV	2.4428G	99.87	Inf	-Inf	32.46	3	Horizontal	321	1.01	-
2442MHz	Pass	AV	2.483502G	51.64	54.00	-2.36	32.61	3	Horizontal	321	1.01	-
2442MHz	Pass	PK	2.3896G	66.50	74.00	-7.50	32.28	3	Horizontal	321	1.01	-
2442MHz	Pass	PK	2.4404G	110.19	Inf	-Inf	32.46	3	Horizontal	321	1.01	-
2442MHz	Pass	PK	2.483502G	70.06	74.00	-3.94	32.61	3	Horizontal	321	1.01	-
2447MHz	Pass	AV	2.3898G	44.70	54.00	-9.30	32.28	3	Vertical	290	2.78	-
2447MHz	Pass	AV	2.4462G	95.24	Inf	-Inf	32.48	3	Vertical	290	2.78	-
2447MHz	Pass	AV	2.483502G	49.07	54.00	-4.93	32.61	3	Vertical	290	2.78	-
2447MHz	Pass	PK	2.3878G	59.25	74.00	-14.75	32.27	3	Vertical	290	2.78	-
2447MHz	Pass	PK	2.4458G	105.78	Inf	-Inf	32.47	3	Vertical	290	2.78	-
2447MHz	Pass	PK	2.483502G	65.67	74.00	-8.33	32.61	3	Vertical	290	2.78	-
2447MHz	Pass	AV	2.3898G	45.60	54.00	-8.40	32.27	3	Horizontal	327	2.51	-
2447MHz	Pass	AV	2.4462G	99.35	Inf	-Inf	32.48	3	Horizontal	327	2.51	-
2447MHz	Pass	AV	2.483502G	52.49	54.00	-1.51	32.61	3	Horizontal	327	2.51	-
2447MHz	Pass	PK	2.3894G	61.52	74.00	-12.48	32.27	3	Horizontal	327	2.51	-
2447MHz	Pass	PK	2.4482G	109.71	Inf	-Inf	32.48	3	Horizontal	327	2.51	-
2447MHz	Pass	PK	2.4838G	69.43	74.00	-4.57	32.61	3	Horizontal	327	2.51	-
2452MHz	Pass	AV	2.3872G	43.49	54.00	-10.51	32.26	3	Vertical	156	1.08	-
2452MHz	Pass	AV	2.4508G	86.72	Inf	-Inf	32.49	3	Vertical	156	1.08	-
2452MHz	Pass	AV	2.484G	44.73	54.00	-9.27	32.61	3	Vertical	156	1.08	-
2452MHz	Pass	PK	2.3568G	55.64	74.00	-18.36	32.16	3	Vertical	156	1.08	-
2452MHz	Pass	PK	2.4536G	96.53	Inf	-Inf	32.50	3	Vertical	156	1.08	-
2452MHz	Pass	PK	2.484G	56.55	74.00	-17.45	32.61	3	Vertical	156	1.08	-
2452MHz	Pass	AV	2.389998G	43.96	54.00	-10.04	32.28	3	Horizontal	321	1.16	-
2452MHz	Pass	AV	2.4512G	98.08	Inf	-Inf	32.49	3	Horizontal	321	1.16	-
2452MHz	Pass	AV	2.483502G	52.24	54.00	-1.76	32.61	3	Horizontal	321	1.16	-
2452MHz	Pass	PK	2.3864G	56.22	74.00	-17.78	32.26	3	Horizontal	321	1.16	-
2452MHz	Pass	PK	2.45G	107.90	Inf	-Inf	32.49	3	Horizontal	321	1.16	-
2452MHz	Pass	PK	2.483502G	71.37	74.00	-2.63	32.61	3	Horizontal	321	1.16	-
2457MHz	Pass	AV	2.456G	92.00	Inf	-Inf	32.51	3	Vertical	290	2.74	-
2457MHz	Pass	AV	2.483502G	48.47	54.00	-5.53	32.61	3	Vertical	290	2.74	-
2457MHz	Pass	PK	2.4562G	101.89	Inf	-Inf	32.51	3	Vertical	290	2.74	-
2457MHz	Pass	PK	2.4838G	64.21	74.00	-9.79	32.61	3	Vertical	290	2.74	-
2457MHz	Pass	AV	2.456G	96.97	Inf	-Inf	32.51	3	Horizontal	326	2.75	-
2457MHz	Pass	AV	2.483502G	51.85	54.00	-2.15	32.61	3	Horizontal	326	2.75	-
2457MHz	Pass	PK	2.4558G	106.97	Inf	-Inf	32.51	3	Horizontal	326	2.75	-
2457MHz	Pass	PK	2.485G	68.77	74.00	-5.23	32.61	3	Horizontal	326	2.75	-
2462MHz	Pass	AV	2.4612G	93.33	Inf	-Inf	32.53	3	Vertical	266	3.04	-
2462MHz	Pass	AV	2.483502G	51.24	54.00	-2.76	32.61	3	Vertical	266	3.04	-
2462MHz	Pass	PK	2.463G	103.87	Inf	-Inf	32.54	3	Vertical	266	3.04	-
2462MHz	Pass	PK	2.483502G	70.17	74.00	-3.83	32.61	3	Vertical	266	3.04	-
2462MHz	Pass	AV	2.461G	95.31	Inf	-Inf	32.53	3	Horizontal	49	1.08	-
2462MHz	Pass	AV	2.483502G	52.41	54.00	-1.59	32.61	3	Horizontal	49	1.08	-
2462MHz	Pass	PK	2.4594G	105.06	Inf	-Inf	32.52	3	Horizontal	49	1.08	-
2462MHz	Pass	PK	2.4836G	71.17	74.00	-2.83	32.61	3	Horizontal	49	1.08	-
2462MHz	Pass	AV	4.924272G	31.35	54.00	-22.65	3.25	3	Vertical	316	2.99	-
2462MHz	Pass	PK	4.925G	45.13	74.00	-28.87	3.25	3	Vertical	316	2.99	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.923948G	30.96	54.00	-23.04	3.25	3	Horizontal	56	1.50	-
2462MHz	Pass	PK	4.924576G	44.82	74.00	-29.18	3.25	3	Horizontal	56	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	52.38	54.00	-1.62	32.28	3	Vertical	267	3.14	-
2412MHz	Pass	AV	2.413G	96.46	Inf	-Inf	32.36	3	Vertical	267	3.14	-
2412MHz	Pass	PK	2.389998G	70.53	74.00	-3.47	32.28	3	Vertical	267	3.14	-
2412MHz	Pass	PK	2.4126G	106.48	Inf	-Inf	32.36	3	Vertical	267	3.14	-
2412MHz	Pass	AV	2.389998G	52.42	54.00	-1.58	32.28	3	Horizontal	228	1.54	-
2412MHz	Pass	AV	2.413G	96.31	Inf	-Inf	32.36	3	Horizontal	228	1.54	-
2412MHz	Pass	PK	2.3898G	70.36	74.00	-3.64	32.28	3	Horizontal	228	1.54	-
2412MHz	Pass	PK	2.412G	106.70	Inf	-Inf	32.35	3	Horizontal	228	1.54	-
2412MHz	Pass	AV	4.82569G	30.83	54.00	-23.17	3.04	3	Vertical	307	2.78	-
2412MHz	Pass	PK	4.82308G	44.72	74.00	-29.28	3.03	3	Vertical	307	2.78	-
2412MHz	Pass	AV	4.82309G	30.49	54.00	-23.51	3.03	3	Horizontal	33	1.16	-
2412MHz	Pass	PK	4.82446G	44.62	74.00	-29.38	3.03	3	Horizontal	33	1.16	-
2417MHz	Pass	AV	2.389998G	52.26	54.00	-1.74	32.28	3	Vertical	268	3.19	-
2417MHz	Pass	AV	2.416G	97.24	Inf	-Inf	32.37	3	Vertical	268	3.19	-
2417MHz	Pass	PK	2.3896G	69.92	74.00	-4.08	32.28	3	Vertical	268	3.19	-
2417MHz	Pass	PK	2.4168G	107.89	Inf	-Inf	32.37	3	Vertical	268	3.19	-
2417MHz	Pass	AV	2.389998G	52.44	54.00	-1.56	32.28	3	Horizontal	227	2.78	-
2417MHz	Pass	AV	2.418G	98.96	Inf	-Inf	32.37	3	Horizontal	227	2.78	-
2417MHz	Pass	PK	2.3898G	69.93	74.00	-4.07	32.28	3	Horizontal	227	2.78	-
2417MHz	Pass	PK	2.417G	108.87	Inf	-Inf	32.37	3	Horizontal	227	2.78	-
2422MHz	Pass	AV	2.389998G	51.70	54.00	-2.30	32.28	3	Vertical	267	3.19	-
2422MHz	Pass	AV	2.4204G	97.12	Inf	-Inf	32.38	3	Vertical	267	3.19	-
2422MHz	Pass	AV	2.499998G	45.38	54.00	-8.62	32.67	3	Vertical	267	3.19	-
2422MHz	Pass	PK	2.3896G	68.85	74.00	-5.15	32.28	3	Vertical	267	3.19	-
2422MHz	Pass	PK	2.4212G	107.35	Inf	-Inf	32.39	3	Vertical	267	3.19	-
2422MHz	Pass	PK	2.4956G	56.74	74.00	-17.26	32.65	3	Vertical	267	3.19	-
2422MHz	Pass	AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	234	2.81	-
2422MHz	Pass	AV	2.4228G	99.76	Inf	-Inf	32.39	3	Horizontal	234	2.81	-
2422MHz	Pass	AV	2.499998G	45.46	54.00	-8.54	32.67	3	Horizontal	234	2.81	-
2422MHz	Pass	PK	2.3888G	70.91	74.00	-3.09	32.27	3	Horizontal	234	2.81	-
2422MHz	Pass	PK	2.4208G	109.89	Inf	-Inf	32.38	3	Horizontal	234	2.81	-
2422MHz	Pass	PK	2.4928G	56.73	74.00	-17.27	32.64	3	Horizontal	234	2.81	-
2427MHz	Pass	AV	2.3898G	51.80	54.00	-2.20	32.28	3	Vertical	269	3.19	-
2427MHz	Pass	AV	2.4258G	96.79	Inf	-Inf	32.40	3	Vertical	269	3.19	-
2427MHz	Pass	AV	2.4982G	45.31	54.00	-8.69	32.67	3	Vertical	269	3.19	-
2427MHz	Pass	PK	2.3894G	67.46	74.00	-6.54	32.27	3	Vertical	269	3.19	-
2427MHz	Pass	PK	2.4262G	106.95	Inf	-Inf	32.40	3	Vertical	269	3.19	-
2427MHz	Pass	PK	2.4902G	56.94	74.00	-17.06	32.64	3	Vertical	269	3.19	-
2427MHz	Pass	AV	2.3898G	52.14	54.00	-1.86	32.28	3	Horizontal	233	2.78	-
2427MHz	Pass	AV	2.4262G	100.22	Inf	-Inf	32.40	3	Horizontal	233	2.78	-
2427MHz	Pass	AV	2.485G	45.48	54.00	-8.52	32.61	3	Horizontal	233	2.78	-
2427MHz	Pass	PK	2.3898G	68.69	74.00	-5.31	32.28	3	Horizontal	233	2.78	-
2427MHz	Pass	PK	2.4262G	110.38	Inf	-Inf	32.40	3	Horizontal	233	2.78	-
2427MHz	Pass	PK	2.4994G	57.04	74.00	-16.96	32.67	3	Horizontal	233	2.78	-
2432MHz	Pass	AV	2.389998G	52.34	54.00	-1.66	32.28	3	Vertical	266	3.12	-
2432MHz	Pass	AV	2.4328G	98.76	Inf	-Inf	32.43	3	Vertical	266	3.12	-

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	2.483502G	45.71	54.00	-8.29	32.61	3	Vertical	266	3.12	-
2432MHz	Pass	PK	2.3896G	67.68	74.00	-6.32	32.28	3	Vertical	266	3.12	-
2432MHz	Pass	PK	2.4336G	109.00	Inf	-Inf	32.43	3	Vertical	266	3.12	-
2432MHz	Pass	PK	2.483502G	59.25	74.00	-14.75	32.61	3	Vertical	266	3.12	-
2432MHz	Pass	AV	2.389998G	50.25	54.00	-3.75	32.28	3	Horizontal	320	2.47	-
2432MHz	Pass	AV	2.4328G	99.68	Inf	-Inf	32.43	3	Horizontal	320	2.47	-
2432MHz	Pass	AV	2.483502G	46.58	54.00	-7.42	32.61	3	Horizontal	320	2.47	-
2432MHz	Pass	PK	2.389998G	65.09	74.00	-8.91	32.28	3	Horizontal	320	2.47	-
2432MHz	Pass	PK	2.4308G	109.99	Inf	-Inf	32.42	3	Horizontal	320	2.47	-
2432MHz	Pass	PK	2.483502G	61.95	74.00	-12.05	32.61	3	Horizontal	320	2.47	-
2437MHz	Pass	AV	2.3898G	50.36	54.00	-3.64	32.28	3	Vertical	265	3.14	-
2437MHz	Pass	AV	2.4378G	98.44	Inf	-Inf	32.45	3	Vertical	265	3.14	-
2437MHz	Pass	AV	2.483502G	47.32	54.00	-6.68	32.61	3	Vertical	265	3.14	-
2437MHz	Pass	PK	2.3886G	66.39	74.00	-7.61	32.27	3	Vertical	265	3.14	-
2437MHz	Pass	PK	2.4354G	108.58	Inf	-Inf	32.44	3	Vertical	265	3.14	-
2437MHz	Pass	PK	2.483502G	62.47	74.00	-11.53	32.61	3	Vertical	265	3.14	-
2437MHz	Pass	AV	2.3898G	49.57	54.00	-4.43	32.28	3	Horizontal	324	2.50	-
2437MHz	Pass	AV	2.4358G	99.94	Inf	-Inf	32.44	3	Horizontal	324	2.50	-
2437MHz	Pass	AV	2.483502G	49.76	54.00	-4.24	32.61	3	Horizontal	324	2.50	-
2437MHz	Pass	PK	2.3886G	65.49	74.00	-8.51	32.27	3	Horizontal	324	2.50	-
2437MHz	Pass	PK	2.4358G	110.42	Inf	-Inf	32.44	3	Horizontal	324	2.50	-
2437MHz	Pass	PK	2.4838G	67.76	74.00	-6.24	32.61	3	Horizontal	324	2.50	-
2437MHz	Pass	AV	4.87322G	37.02	54.00	-16.98	3.14	3	Vertical	304	2.86	-
2437MHz	Pass	PK	4.87162G	51.68	74.00	-22.32	3.14	3	Vertical	304	2.86	-
2437MHz	Pass	AV	4.8734G	33.59	54.00	-20.41	3.14	3	Horizontal	46	2.67	-
2437MHz	Pass	PK	4.87514G	48.22	74.00	-25.78	3.15	3	Horizontal	46	2.67	-
2442MHz	Pass	AV	2.389998G	46.52	54.00	-7.48	32.28	3	Vertical	286	2.79	-
2442MHz	Pass	AV	2.4432G	95.25	Inf	-Inf	32.47	3	Vertical	286	2.79	-
2442MHz	Pass	AV	2.483502G	47.52	54.00	-6.48	32.61	3	Vertical	286	2.79	-
2442MHz	Pass	PK	2.3868G	60.57	74.00	-13.43	32.26	3	Vertical	286	2.79	-
2442MHz	Pass	PK	2.4424G	105.62	Inf	-Inf	32.46	3	Vertical	286	2.79	-
2442MHz	Pass	PK	2.483502G	64.45	74.00	-9.55	32.61	3	Vertical	286	2.79	-
2442MHz	Pass	AV	2.389998G	48.60	54.00	-5.40	32.28	3	Horizontal	325	2.48	-
2442MHz	Pass	AV	2.4412G	100.04	Inf	-Inf	32.46	3	Horizontal	325	2.48	-
2442MHz	Pass	AV	2.483502G	52.34	54.00	-1.66	32.61	3	Horizontal	325	2.48	-
2442MHz	Pass	PK	2.3896G	67.32	74.00	-6.68	32.28	3	Horizontal	325	2.48	-
2442MHz	Pass	PK	2.4412G	110.44	Inf	-Inf	32.46	3	Horizontal	325	2.48	-
2442MHz	Pass	PK	2.4896G	68.94	74.00	-5.06	32.64	3	Horizontal	325	2.48	-
2447MHz	Pass	AV	2.389G	44.16	54.00	-9.84	32.27	3	Vertical	287	2.79	-
2447MHz	Pass	AV	2.4458G	94.60	Inf	-Inf	32.47	3	Vertical	287	2.79	-
2447MHz	Pass	AV	2.483502G	47.90	54.00	-6.10	32.61	3	Vertical	287	2.79	-
2447MHz	Pass	PK	2.389G	57.27	74.00	-16.73	32.27	3	Vertical	287	2.79	-
2447MHz	Pass	PK	2.4458G	104.96	Inf	-Inf	32.47	3	Vertical	287	2.79	-
2447MHz	Pass	PK	2.483502G	64.70	74.00	-9.30	32.61	3	Vertical	287	2.79	-
2447MHz	Pass	AV	2.3898G	45.18	54.00	-8.82	32.28	3	Horizontal	326	2.50	-
2447MHz	Pass	AV	2.4462G	99.11	Inf	-Inf	32.48	3	Horizontal	326	2.50	-
2447MHz	Pass	AV	2.483502G	52.21	54.00	-1.79	32.61	3	Horizontal	326	2.50	-
2447MHz	Pass	PK	2.3894G	61.55	74.00	-12.45	32.27	3	Horizontal	326	2.50	-
2447MHz	Pass	PK	2.445G	109.19	Inf	-Inf	32.47	3	Horizontal	326	2.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4842G	72.08	74.00	-1.92	32.61	3	Horizontal	326	2.50	-
2452MHz	Pass	AV	2.3896G	43.75	54.00	-10.25	32.28	3	Vertical	291	2.78	-
2452MHz	Pass	AV	2.4512G	92.92	Inf	-Inf	32.49	3	Vertical	291	2.78	-
2452MHz	Pass	AV	2.483502G	48.40	54.00	-5.60	32.61	3	Vertical	291	2.78	-
2452MHz	Pass	PK	2.3832G	55.21	74.00	-18.79	32.25	3	Vertical	291	2.78	-
2452MHz	Pass	PK	2.4504G	103.10	Inf	-Inf	32.49	3	Vertical	291	2.78	-
2452MHz	Pass	PK	2.4844G	64.34	74.00	-9.66	32.61	3	Vertical	291	2.78	-
2452MHz	Pass	AV	2.389998G	44.03	54.00	-9.97	32.28	3	Horizontal	325	2.51	-
2452MHz	Pass	AV	2.4512G	97.84	Inf	-Inf	32.49	3	Horizontal	325	2.51	-
2452MHz	Pass	AV	2.483502G	52.26	54.00	-1.74	32.61	3	Horizontal	325	2.51	-
2452MHz	Pass	PK	2.3896G	56.33	74.00	-17.67	32.28	3	Horizontal	325	2.51	-
2452MHz	Pass	PK	2.4508G	107.94	Inf	-Inf	32.49	3	Horizontal	325	2.51	-
2452MHz	Pass	PK	2.484G	69.91	74.00	-4.09	32.61	3	Horizontal	325	2.51	-
2457MHz	Pass	AV	2.456G	91.15	Inf	-Inf	32.51	3	Vertical	288	2.76	-
2457MHz	Pass	AV	2.483502G	47.34	54.00	-6.66	32.61	3	Vertical	288	2.76	-
2457MHz	Pass	PK	2.4586G	101.01	Inf	-Inf	32.52	3	Vertical	288	2.76	-
2457MHz	Pass	PK	2.483502G	63.63	74.00	-10.37	32.61	3	Vertical	288	2.76	-
2457MHz	Pass	AV	2.4562G	96.83	Inf	-Inf	32.51	3	Horizontal	325	2.77	-
2457MHz	Pass	AV	2.483502G	51.90	54.00	-2.10	32.61	3	Horizontal	325	2.77	-
2457MHz	Pass	PK	2.456G	106.53	Inf	-Inf	32.51	3	Horizontal	325	2.77	-
2457MHz	Pass	PK	2.4838G	69.66	74.00	-4.34	32.61	3	Horizontal	325	2.77	-
2462MHz	Pass	AV	2.4608G	92.16	Inf	-Inf	32.53	3	Vertical	264	3.05	-
2462MHz	Pass	AV	2.483502G	50.66	54.00	-3.34	32.61	3	Vertical	264	3.05	-
2462MHz	Pass	PK	2.4618G	101.95	Inf	-Inf	32.53	3	Vertical	264	3.05	-
2462MHz	Pass	PK	2.483502G	68.66	74.00	-5.34	32.61	3	Vertical	264	3.05	-
2462MHz	Pass	AV	2.4628G	93.89	Inf	-Inf	32.54	3	Horizontal	50	1.14	-
2462MHz	Pass	AV	2.483502G	52.15	54.00	-1.85	32.61	3	Horizontal	50	1.14	-
2462MHz	Pass	PK	2.4628G	104.12	Inf	-Inf	32.54	3	Horizontal	50	1.14	-
2462MHz	Pass	PK	2.484G	72.32	74.00	-1.68	32.61	3	Horizontal	50	1.14	-
2462MHz	Pass	AV	4.92477G	30.26	54.00	-23.74	3.25	3	Vertical	0	1.90	-
2462MHz	Pass	PK	4.92209G	44.74	74.00	-29.26	3.25	3	Vertical	0	1.90	-
2462MHz	Pass	AV	4.92611G	30.23	54.00	-23.77	3.25	3	Horizontal	312	1.58	-
2462MHz	Pass	PK	4.92336G	45.18	74.00	-28.82	3.25	3	Horizontal	312	1.58	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	47.34	54.00	-6.66	32.28	3	Vertical	91	3.16	-
2422MHz	Pass	AV	2.4204G	85.15	Inf	-Inf	32.38	3	Vertical	91	3.16	-
2422MHz	Pass	AV	2.499998G	45.23	54.00	-8.77	32.67	3	Vertical	91	3.16	-
2422MHz	Pass	PK	2.3892G	61.07	74.00	-12.93	32.27	3	Vertical	91	3.16	-
2422MHz	Pass	PK	2.4188G	95.01	Inf	-Inf	32.38	3	Vertical	91	3.16	-
2422MHz	Pass	PK	2.4904G	56.53	74.00	-17.47	32.64	3	Vertical	91	3.16	-
2422MHz	Pass	AV	2.389998G	51.84	54.00	-2.16	32.28	3	Horizontal	228	1.54	-
2422MHz	Pass	AV	2.4204G	91.17	Inf	-Inf	32.38	3	Horizontal	228	1.54	-
2422MHz	Pass	AV	2.4992G	45.46	54.00	-8.54	32.67	3	Horizontal	228	1.54	-
2422MHz	Pass	PK	2.3884G	68.35	74.00	-5.65	32.27	3	Horizontal	228	1.54	-
2422MHz	Pass	PK	2.4236G	101.05	Inf	-Inf	32.39	3	Horizontal	228	1.54	-
2422MHz	Pass	PK	2.496G	56.57	74.00	-17.43	32.66	3	Horizontal	228	1.54	-
2422MHz	Pass	AV	4.84235G	30.15	54.00	-23.85	3.07	3	Vertical	318	1.48	-
2422MHz	Pass	PK	4.84575G	43.85	74.00	-30.15	3.08	3	Vertical	318	1.48	-
2422MHz	Pass	AV	4.8443G	30.13	54.00	-23.87	3.08	3	Horizontal	274	1.53	-

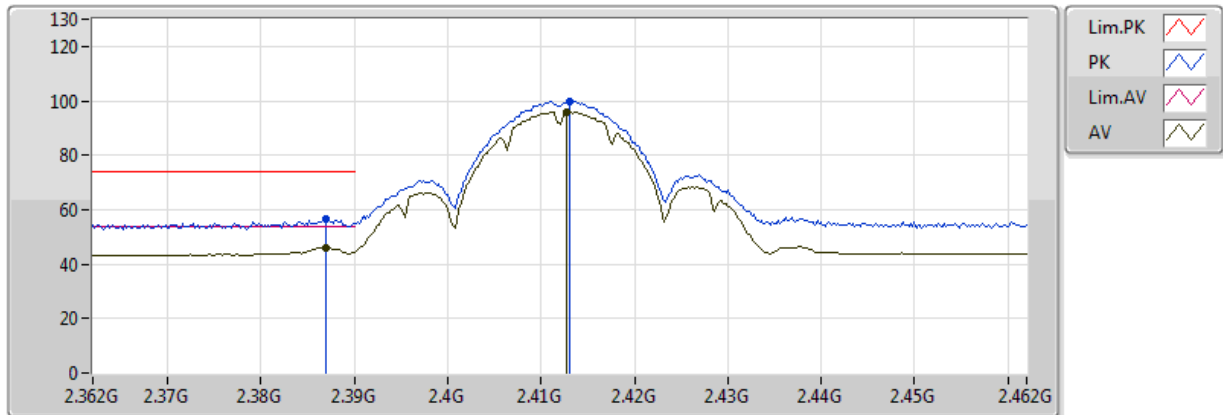
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	4.8455G	43.54	74.00	-30.46	3.08	3	Horizontal	274	1.53	-
2427MHz	Pass	AV	2.3898G	51.46	54.00	-2.54	32.28	3	Vertical	267	3.19	-
2427MHz	Pass	AV	2.4246G	89.69	Inf	-Inf	32.40	3	Vertical	267	3.19	-
2427MHz	Pass	AV	2.4982G	45.39	54.00	-8.61	32.67	3	Vertical	267	3.19	-
2427MHz	Pass	PK	2.3894G	67.87	74.00	-6.13	32.27	3	Vertical	267	3.19	-
2427MHz	Pass	PK	2.419G	99.54	Inf	-Inf	32.38	3	Vertical	267	3.19	-
2427MHz	Pass	PK	2.4898G	56.62	74.00	-17.38	32.64	3	Vertical	267	3.19	-
2427MHz	Pass	AV	2.3898G	51.95	54.00	-2.05	32.28	3	Horizontal	229	2.81	-
2427MHz	Pass	AV	2.4282G	92.45	Inf	-Inf	32.41	3	Horizontal	229	2.81	-
2427MHz	Pass	AV	2.4946G	45.45	54.00	-8.55	32.65	3	Horizontal	229	2.81	-
2427MHz	Pass	PK	2.389G	68.23	74.00	-5.77	32.27	3	Horizontal	229	2.81	-
2427MHz	Pass	PK	2.4314G	102.47	Inf	-Inf	32.42	3	Horizontal	229	2.81	-
2427MHz	Pass	PK	2.4998G	57.05	74.00	-16.95	32.67	3	Horizontal	229	2.81	-
2432MHz	Pass	AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	317	2.77	-
2432MHz	Pass	AV	2.4304G	86.86	Inf	-Inf	32.42	3	Vertical	317	2.77	-
2432MHz	Pass	AV	2.499998G	45.37	54.00	-8.63	32.67	3	Vertical	317	2.77	-
2432MHz	Pass	PK	2.3892G	59.57	74.00	-14.43	32.27	3	Vertical	317	2.77	-
2432MHz	Pass	PK	2.4284G	96.68	Inf	-Inf	32.41	3	Vertical	317	2.77	-
2432MHz	Pass	PK	2.484G	56.74	74.00	-17.26	32.61	3	Vertical	317	2.77	-
2432MHz	Pass	AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	50	1.50	-
2432MHz	Pass	AV	2.4332G	92.66	Inf	-Inf	32.43	3	Horizontal	50	1.50	-
2432MHz	Pass	AV	2.483502G	47.32	54.00	-6.68	32.61	3	Horizontal	50	1.50	-
2432MHz	Pass	PK	2.389998G	66.49	74.00	-7.51	32.28	3	Horizontal	50	1.50	-
2432MHz	Pass	PK	2.4288G	102.92	Inf	-Inf	32.41	3	Horizontal	50	1.50	-
2432MHz	Pass	PK	2.484G	60.92	74.00	-13.08	32.61	3	Horizontal	50	1.50	-
2437MHz	Pass	AV	2.3898G	51.72	54.00	-2.28	32.28	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.4354G	92.60	Inf	-Inf	32.44	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.483502G	49.66	54.00	-4.34	32.61	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.3894G	65.85	74.00	-8.15	32.27	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.4382G	103.02	Inf	-Inf	32.45	3	Vertical	267	3.13	-
2437MHz	Pass	PK	2.4838G	65.05	74.00	-8.95	32.61	3	Vertical	267	3.13	-
2437MHz	Pass	AV	2.3898G	48.72	54.00	-5.28	32.28	3	Horizontal	320	2.49	-
2437MHz	Pass	AV	2.4386G	93.81	Inf	-Inf	32.45	3	Horizontal	320	2.49	-
2437MHz	Pass	AV	2.483502G	51.85	54.00	-2.15	32.61	3	Horizontal	320	2.49	-
2437MHz	Pass	PK	2.389G	63.32	74.00	-10.68	32.27	3	Horizontal	320	2.49	-
2437MHz	Pass	PK	2.4334G	104.21	Inf	-Inf	32.43	3	Horizontal	320	2.49	-
2437MHz	Pass	PK	2.4842G	66.94	74.00	-7.06	32.61	3	Horizontal	320	2.49	-
2437MHz	Pass	AV	4.87207G	30.26	54.00	-23.74	3.14	3	Vertical	282	1.50	-
2437MHz	Pass	PK	4.87608G	44.28	74.00	-29.72	3.15	3	Vertical	282	1.50	-
2437MHz	Pass	AV	4.8726G	30.13	54.00	-23.87	3.14	3	Horizontal	241	1.50	-
2437MHz	Pass	PK	4.87181G	44.25	74.00	-29.75	3.14	3	Horizontal	241	1.50	-
2442MHz	Pass	AV	2.389998G	45.86	54.00	-8.14	32.28	3	Vertical	267	3.15	-
2442MHz	Pass	AV	2.44G	90.10	Inf	-Inf	32.45	3	Vertical	267	3.15	-
2442MHz	Pass	AV	2.483502G	48.05	54.00	-5.95	32.61	3	Vertical	267	3.15	-
2442MHz	Pass	PK	2.3896G	58.62	74.00	-15.38	32.28	3	Vertical	267	3.15	-
2442MHz	Pass	PK	2.4396G	100.19	Inf	-Inf	32.45	3	Vertical	267	3.15	-
2442MHz	Pass	PK	2.483502G	61.42	74.00	-12.58	32.61	3	Vertical	267	3.15	-
2442MHz	Pass	AV	2.389998G	45.51	54.00	-8.49	32.28	3	Horizontal	322	2.48	-
2442MHz	Pass	AV	2.4404G	92.45	Inf	-Inf	32.46	3	Horizontal	322	2.48	-

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	2.483502G	51.98	54.00	-2.02	32.61	3	Horizontal	322	2.48	-
2442MHz	Pass	PK	2.3888G	56.99	74.00	-17.01	32.27	3	Horizontal	322	2.48	-
2442MHz	Pass	PK	2.4384G	102.10	Inf	-Inf	32.45	3	Horizontal	322	2.48	-
2442MHz	Pass	PK	2.486G	67.34	74.00	-6.66	32.62	3	Horizontal	322	2.48	-
2447MHz	Pass	AV	2.3898G	44.73	54.00	-9.27	32.28	3	Vertical	265	3.13	-
2447MHz	Pass	AV	2.4446G	88.80	Inf	-Inf	32.47	3	Vertical	265	3.13	-
2447MHz	Pass	AV	2.483502G	48.98	54.00	-5.02	32.61	3	Vertical	265	3.13	-
2447MHz	Pass	PK	2.3722G	56.22	74.00	-17.78	32.21	3	Vertical	265	3.13	-
2447MHz	Pass	PK	2.445G	99.05	Inf	-Inf	32.47	3	Vertical	265	3.13	-
2447MHz	Pass	PK	2.483502G	61.84	74.00	-12.16	32.61	3	Vertical	265	3.13	-
2447MHz	Pass	AV	2.3898G	44.72	54.00	-9.28	32.28	3	Horizontal	322	2.50	-
2447MHz	Pass	AV	2.4454G	90.70	Inf	-Inf	32.47	3	Horizontal	322	2.50	-
2447MHz	Pass	AV	2.483502G	52.39	54.00	-1.61	32.61	3	Horizontal	322	2.50	-
2447MHz	Pass	PK	2.3802G	55.85	74.00	-18.15	32.24	3	Horizontal	322	2.50	-
2447MHz	Pass	PK	2.4418G	101.02	Inf	-Inf	32.46	3	Horizontal	322	2.50	-
2447MHz	Pass	PK	2.4842G	67.66	74.00	-6.34	32.61	3	Horizontal	322	2.50	-
2452MHz	Pass	AV	2.3896G	44.70	54.00	-9.30	32.28	3	Vertical	265	3.12	-
2452MHz	Pass	AV	2.45G	86.97	Inf	-Inf	32.49	3	Vertical	265	3.12	-
2452MHz	Pass	AV	2.483502G	48.52	54.00	-5.48	32.61	3	Vertical	265	3.12	-
2452MHz	Pass	PK	2.3892G	56.48	74.00	-17.52	32.27	3	Vertical	265	3.12	-
2452MHz	Pass	PK	2.4484G	97.60	Inf	-Inf	32.48	3	Vertical	265	3.12	-
2452MHz	Pass	PK	2.483502G	62.29	74.00	-11.71	32.61	3	Vertical	265	3.12	-
2452MHz	Pass	AV	2.3856G	44.63	54.00	-9.37	32.26	3	Horizontal	327	2.77	-
2452MHz	Pass	AV	2.4536G	88.67	Inf	-Inf	32.50	3	Horizontal	327	2.77	-
2452MHz	Pass	AV	2.483502G	51.59	54.00	-2.41	32.61	3	Horizontal	327	2.77	-
2452MHz	Pass	PK	2.3812G	56.19	74.00	-17.81	32.24	3	Horizontal	327	2.77	-
2452MHz	Pass	PK	2.4484G	99.07	Inf	-Inf	32.48	3	Horizontal	327	2.77	-
2452MHz	Pass	PK	2.484G	67.61	74.00	-6.39	32.61	3	Horizontal	327	2.77	-
2452MHz	Pass	AV	4.9061G	30.31	54.00	-23.69	3.21	3	Vertical	360	1.48	-
2452MHz	Pass	PK	4.90386G	44.04	74.00	-29.96	3.21	3	Vertical	360	1.48	-
2452MHz	Pass	AV	4.90429G	30.24	54.00	-23.76	3.21	3	Horizontal	212	1.74	-
2452MHz	Pass	PK	4.90487G	44.14	74.00	-29.86	3.21	3	Horizontal	212	1.74	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/08/2018

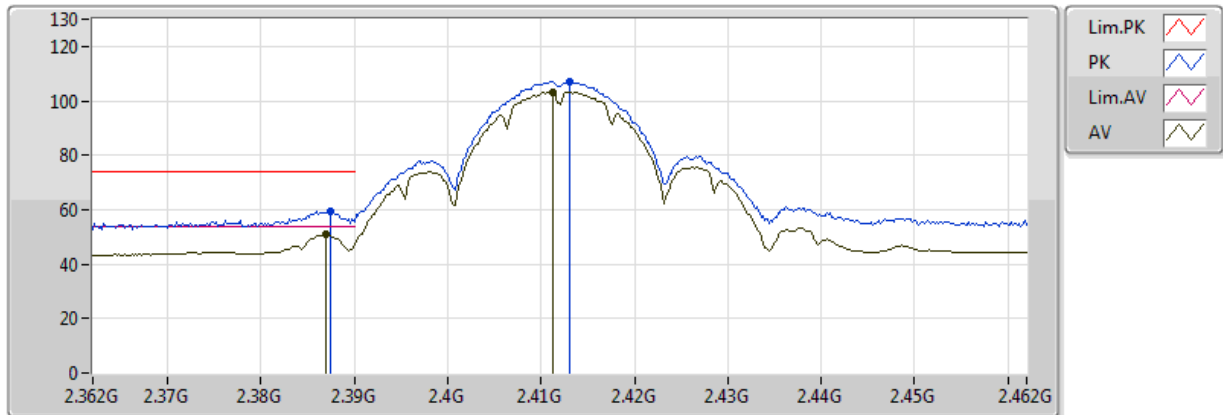


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.387G	46.19	54.00	-7.81	32.26	3	Vertical	161	2.91	-
AV	2.4128G	95.99	Inf	-Inf	32.36	3	Vertical	161	2.91	-
PK	2.387G	56.67	74.00	-17.33	32.26	3	Vertical	161	2.91	-
PK	2.413G	99.98	Inf	-Inf	32.36	3	Vertical	161	2.91	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/08/2018

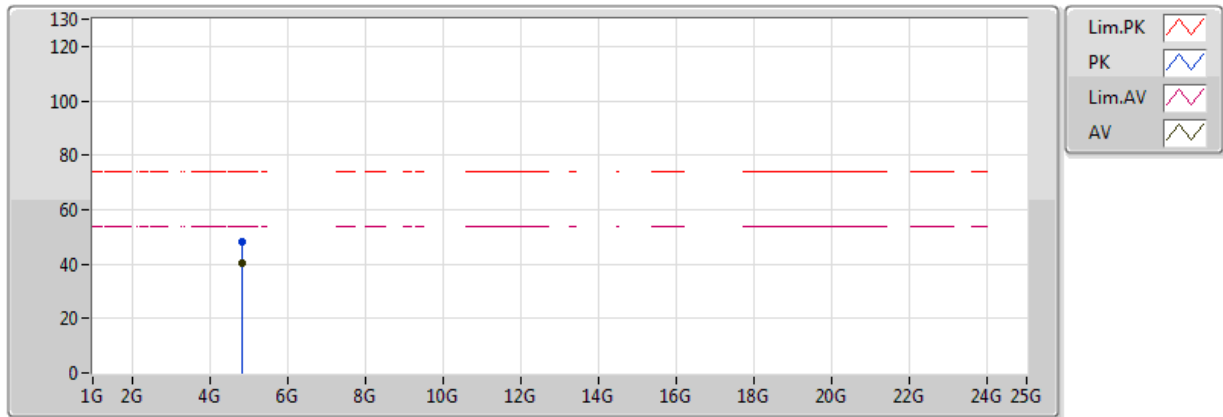


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.387G	50.92	54.00	-3.08	32.26	3	Horizontal	211	2.04	-
AV	2.4112G	103.30	Inf	-Inf	32.35	3	Horizontal	211	2.04	-
PK	2.3874G	59.18	74.00	-14.82	32.26	3	Horizontal	211	2.04	-
PK	2.413G	107.22	Inf	-Inf	32.36	3	Horizontal	211	2.04	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/08/2018

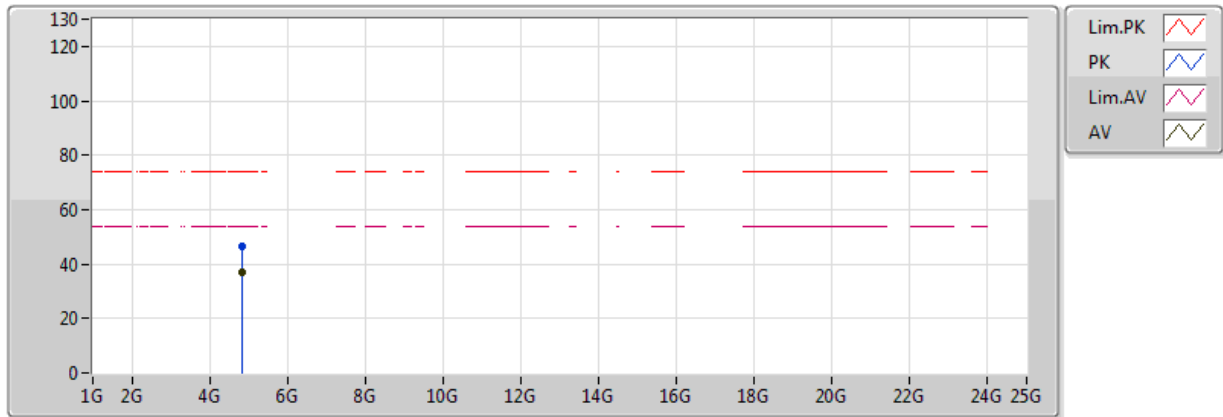


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.823904G	40.13	54.00	-13.87	3.03	3	Vertical	310	2.78	-
PK	4.823904G	48.06	74.00	-25.94	3.03	3	Vertical	310	2.78	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/08/2018

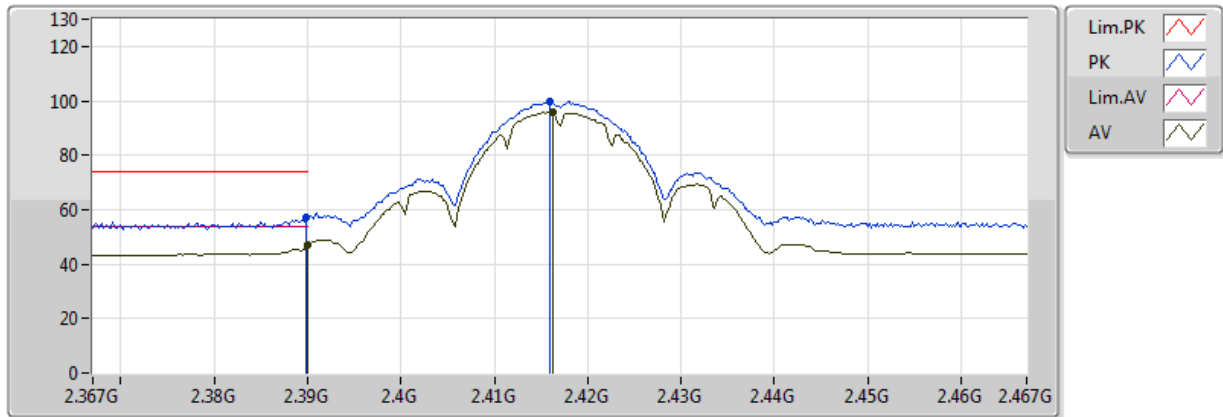


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.823896G	36.79	54.00	-17.21	3.03	3	Horizontal	37	3.08	-
PK	4.823832G	46.29	74.00	-27.71	3.03	3	Horizontal	37	3.08	-

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

09/08/2018

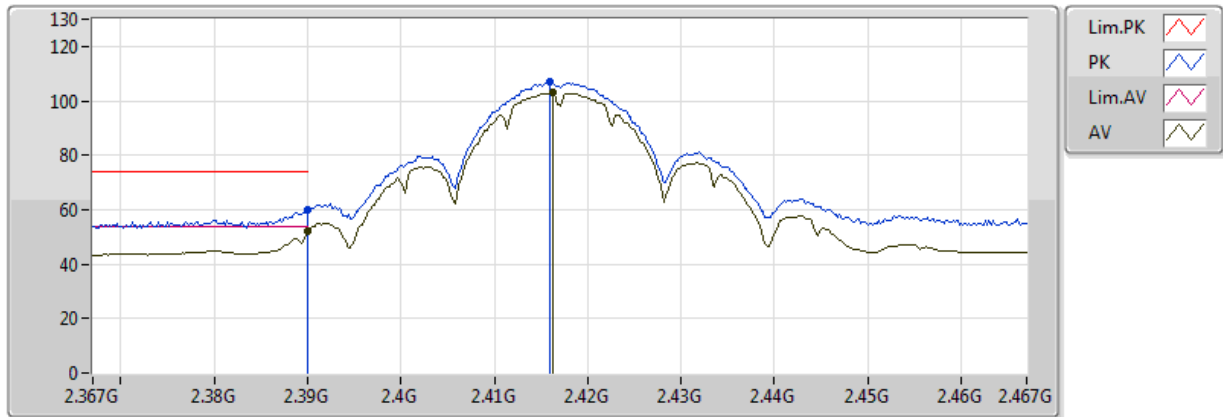


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	162	2.91	-
AV	2.4162G	95.85	Inf	-Inf	32.37	3	Vertical	162	2.91	-
PK	2.3898G	57.04	74.00	-16.96	32.28	3	Vertical	162	2.91	-
PK	2.416G	99.64	Inf	-Inf	32.37	3	Vertical	162	2.91	-

802.11b_Nss1,(1Mbps)_1TX

2417MHz_TX

09/08/2018

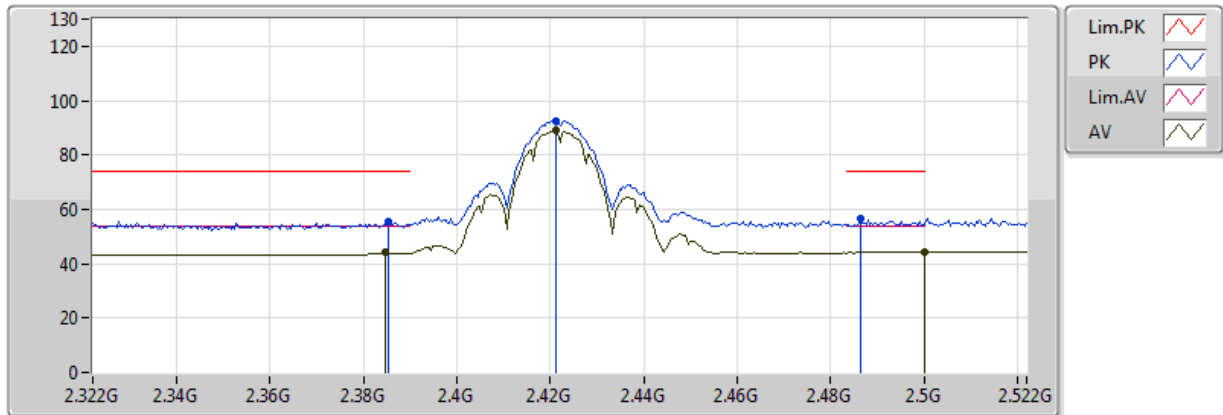


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.37	54.00	-1.63	32.28	3	Horizontal	211	2.01	-
AV	2.4162G	102.94	Inf	-Inf	32.37	3	Horizontal	211	2.01	-
PK	2.389998G	59.87	74.00	-14.13	32.28	3	Horizontal	211	2.01	-
PK	2.416G	106.76	Inf	-Inf	32.37	3	Horizontal	211	2.01	-

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

09/08/2018

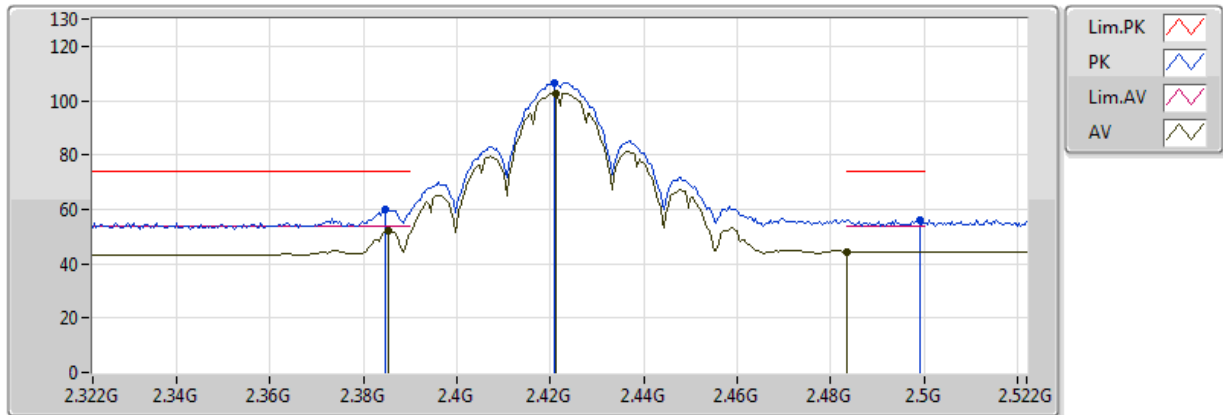


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3848G	44.02	54.00	-9.98	32.25	3	Vertical	131	1.49	-
AV	2.4212G	88.88	Inf	-Inf	32.39	3	Vertical	131	1.49	-
AV	2.499998G	44.18	54.00	-9.82	32.67	3	Vertical	131	1.49	-
PK	2.3852G	55.52	74.00	-18.48	32.25	3	Vertical	131	1.49	-
PK	2.4212G	92.66	Inf	-Inf	32.39	3	Vertical	131	1.49	-
PK	2.4864G	56.83	74.00	-17.17	32.62	3	Vertical	131	1.49	-

802.11b_Nss1,(1Mbps)_1TX

2422MHz_TX

09/08/2018

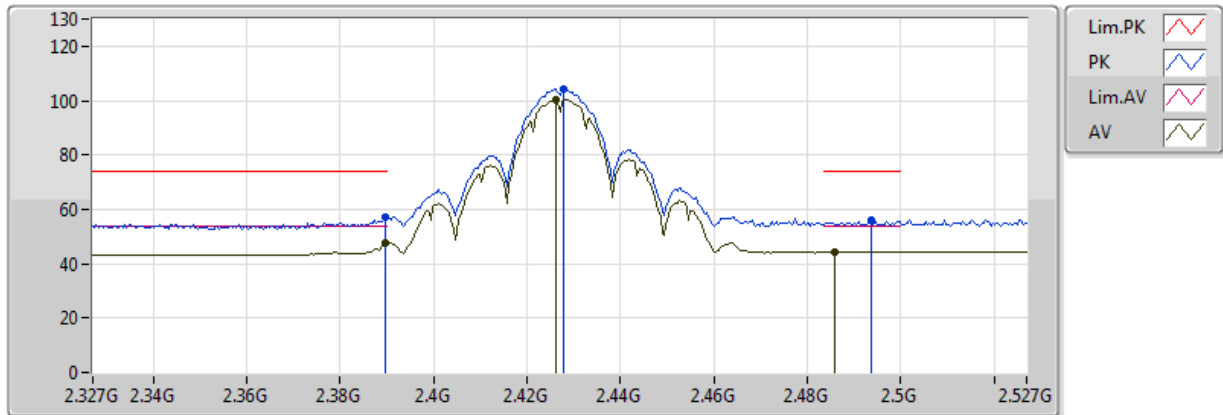


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3852G	52.28	54.00	-1.72	32.25	3	Horizontal	210	1.25	-
AV	2.4212G	102.80	Inf	-Inf	32.39	3	Horizontal	210	1.25	-
AV	2.483502G	44.49	54.00	-9.51	32.61	3	Horizontal	210	1.25	-
PK	2.3848G	59.87	74.00	-14.13	32.25	3	Horizontal	210	1.25	-
PK	2.4208G	106.66	Inf	-Inf	32.38	3	Horizontal	210	1.25	-
PK	2.4992G	55.96	74.00	-18.04	32.67	3	Horizontal	210	1.25	-

802.11b_Nss1,(1Mbps)_1TX

2427MHz_TX

09/08/2018

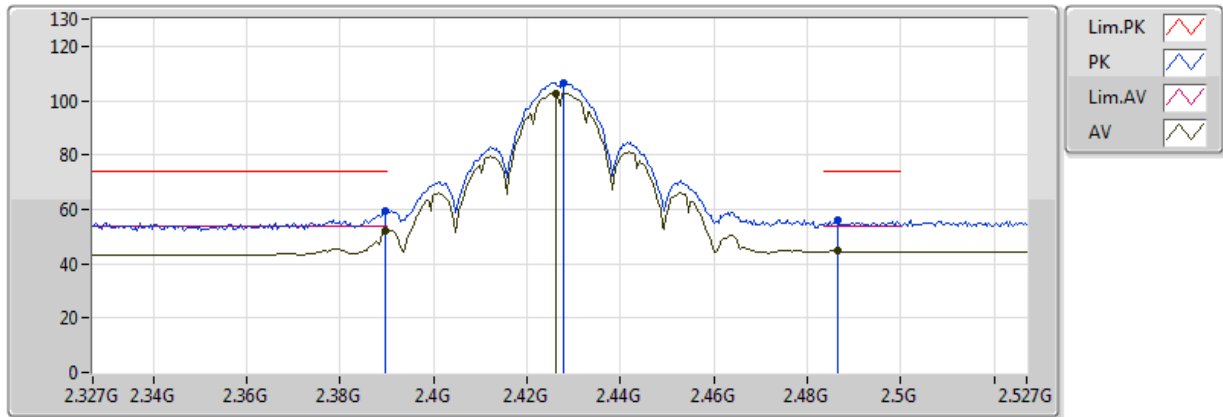


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.59	54.00	-6.41	32.28	3	Vertical	290	2.75	-
AV	2.4262G	100.19	Inf	-Inf	32.40	3	Vertical	290	2.75	-
AV	2.4858G	44.34	54.00	-9.66	32.62	3	Vertical	290	2.75	-
PK	2.3898G	57.27	74.00	-16.73	32.28	3	Vertical	290	2.75	-
PK	2.4278G	104.20	Inf	-Inf	32.41	3	Vertical	290	2.75	-
PK	2.4938G	55.79	74.00	-18.21	32.65	3	Vertical	290	2.75	-

802.11b_Nss1,(1Mbps)_1TX

2427MHz_TX

09/08/2018

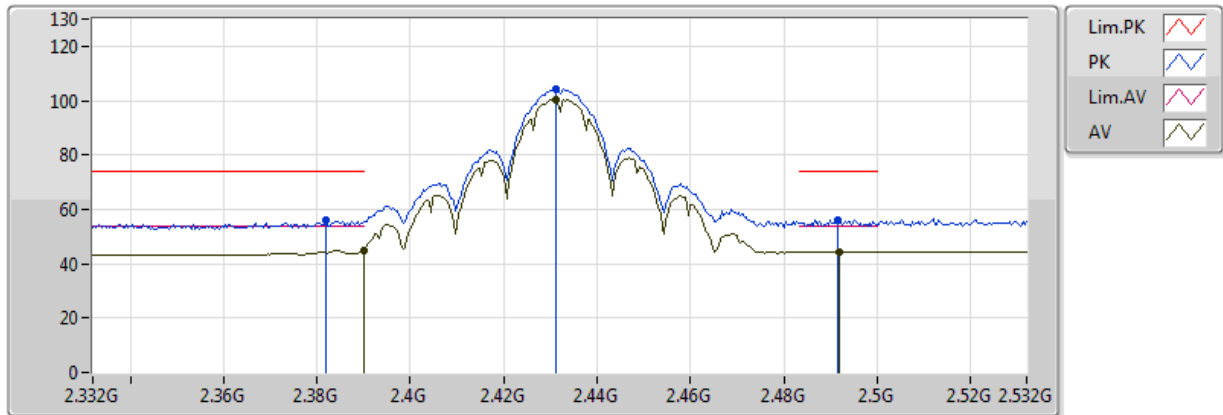


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.38	54.00	-1.62	32.28	3	Horizontal	211	1.43	-
AV	2.4262G	102.73	Inf	-Inf	32.40	3	Horizontal	211	1.43	-
AV	2.4866G	44.79	54.00	-9.21	32.62	3	Horizontal	211	1.43	-
PK	2.3898G	59.31	74.00	-14.69	32.28	3	Horizontal	211	1.43	-
PK	2.4278G	106.60	Inf	-Inf	32.41	3	Horizontal	211	1.43	-
PK	2.4866G	56.15	74.00	-17.85	32.62	3	Horizontal	211	1.43	-

802.11b_Nss1,(1Mbps)_1TX

2432MHz_TX

09/08/2018

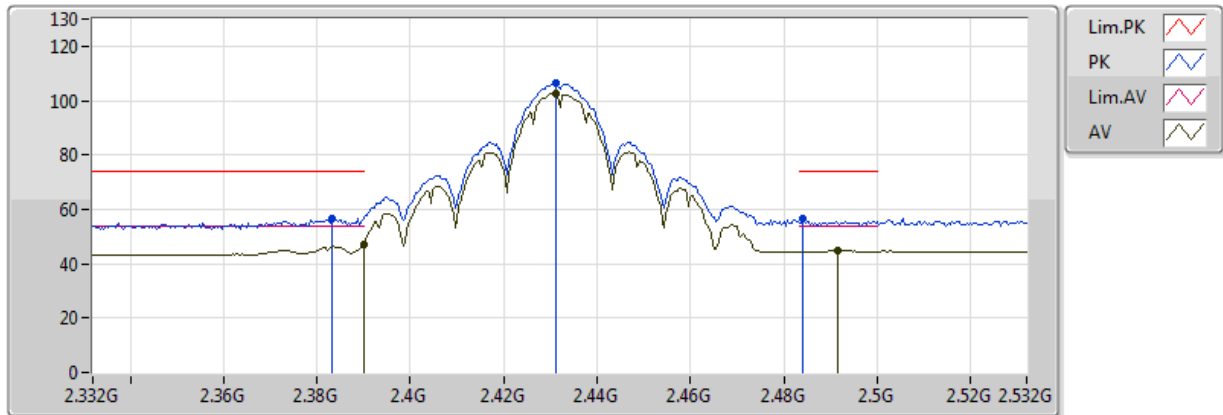


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.02	54.00	-8.98	32.28	3	Vertical	290	2.76	-
AV	2.4312G	100.45	Inf	-Inf	32.42	3	Vertical	290	2.76	-
AV	2.492G	44.47	54.00	-9.53	32.64	3	Vertical	290	2.76	-
PK	2.382G	56.23	74.00	-17.77	32.25	3	Vertical	290	2.76	-
PK	2.4312G	104.21	Inf	-Inf	32.42	3	Vertical	290	2.76	-
PK	2.4916G	56.16	74.00	-17.84	32.64	3	Vertical	290	2.76	-

802.11b_Nss1,(1Mbps)_1TX

2432MHz_TX

09/08/2018

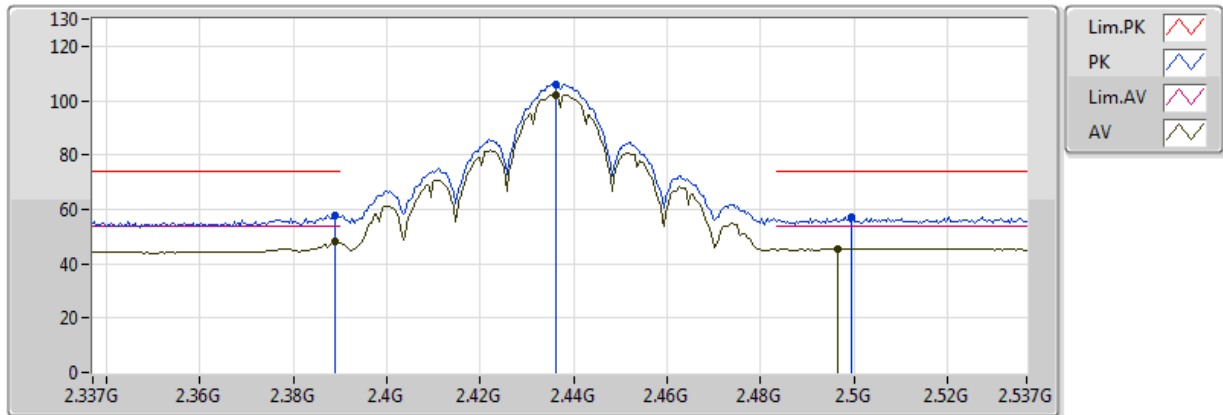


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.18	54.00	-6.82	32.28	3	Horizontal	212	1.42	-
AV	2.4312G	102.34	Inf	-Inf	32.42	3	Horizontal	212	1.42	-
AV	2.4916G	44.99	54.00	-9.01	32.64	3	Horizontal	212	1.42	-
PK	2.3832G	56.69	74.00	-17.31	32.25	3	Horizontal	212	1.42	-
PK	2.4312G	106.21	Inf	-Inf	32.42	3	Horizontal	212	1.42	-
PK	2.484G	56.67	74.00	-17.33	32.61	3	Horizontal	212	1.42	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/08/2018

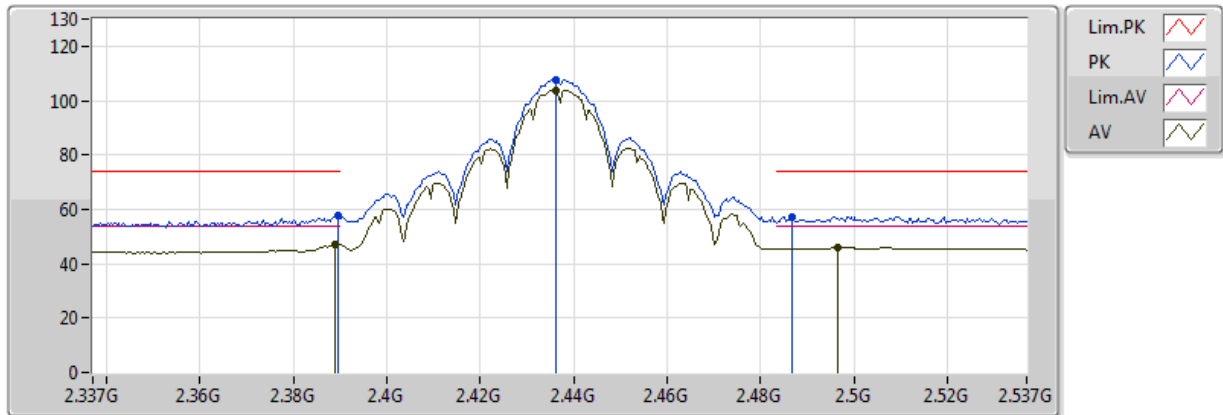


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	48.03	54.00	-5.97	32.27	3	Vertical	267	3.13	-
AV	2.436G	102.14	Inf	-Inf	32.44	3	Vertical	267	3.13	-
AV	2.496G	45.50	54.00	-8.50	32.66	3	Vertical	267	3.13	-
PK	2.389G	57.78	74.00	-16.22	32.27	3	Vertical	267	3.13	-
PK	2.436G	105.97	Inf	-Inf	32.44	3	Vertical	267	3.13	-
PK	2.499G	57.35	74.00	-16.65	32.67	3	Vertical	267	3.13	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/08/2018

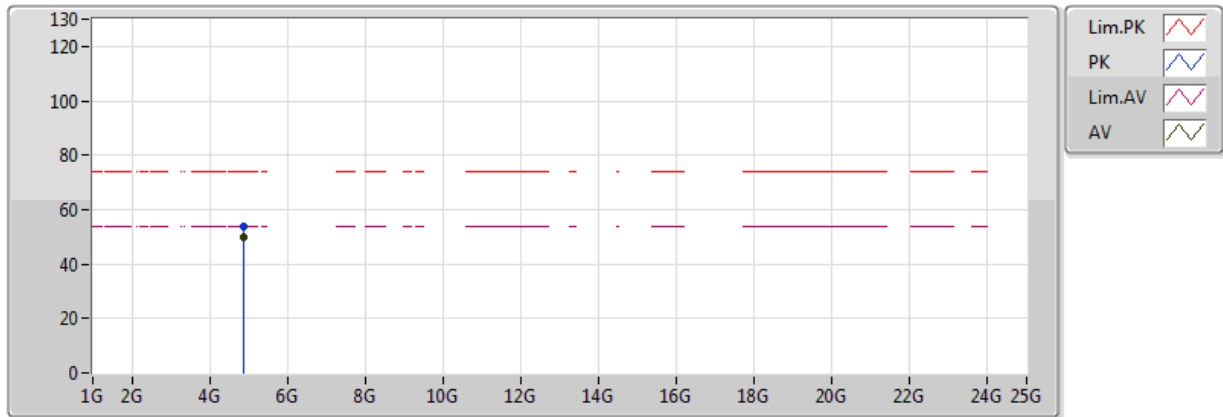


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	47.27	54.00	-6.73	32.27	3	Horizontal	322	2.49	-
AV	2.4362G	103.86	Inf	-Inf	32.44	3	Horizontal	322	2.49	-
AV	2.4966G	46.11	54.00	-7.89	32.66	3	Horizontal	322	2.49	-
PK	2.3894G	57.93	74.00	-16.07	32.27	3	Horizontal	322	2.49	-
PK	2.4362G	107.63	Inf	-Inf	32.44	3	Horizontal	322	2.49	-
PK	2.4866G	57.14	74.00	-16.86	32.62	3	Horizontal	322	2.49	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/08/2018

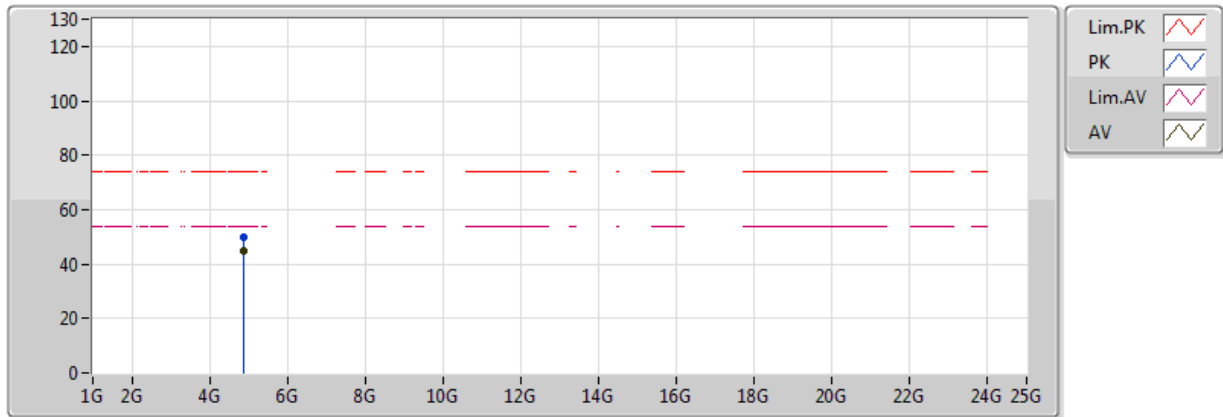


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.873904G	50.13	54.00	-3.87	3.14	3	Vertical	309	2.87	-
PK	4.873916G	53.68	74.00	-20.32	3.14	3	Vertical	309	2.87	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/08/2018

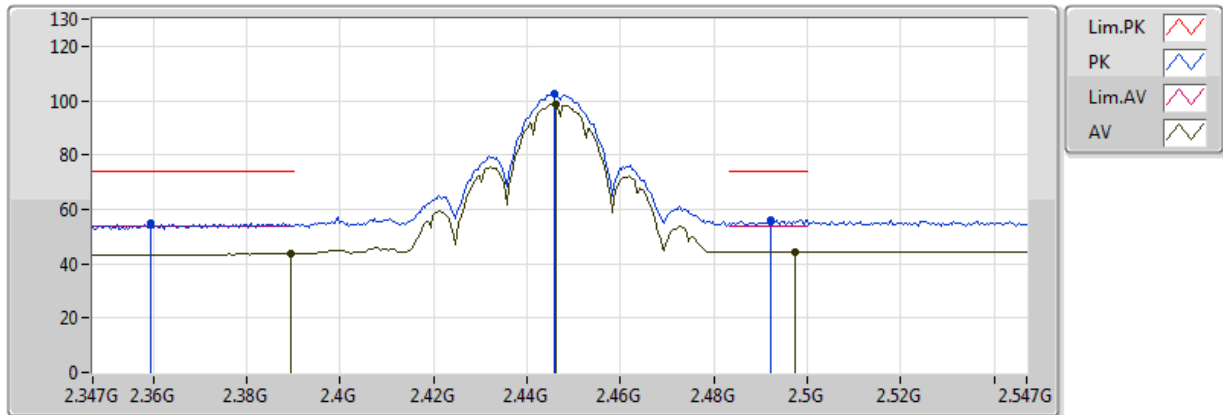


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.873912G	44.62	54.00	-9.38	3.14	3	Horizontal	53	2.85	-
PK	4.874044G	50.15	74.00	-23.85	3.14	3	Horizontal	53	2.85	-

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

09/08/2018

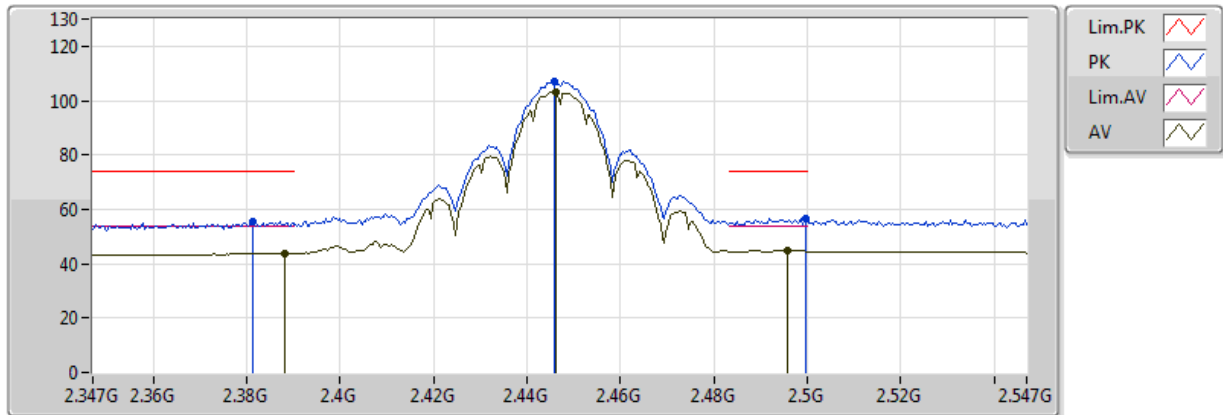


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	43.74	54.00	-10.26	32.27	3	Vertical	289	2.78	-
AV	2.4462G	98.63	Inf	-Inf	32.48	3	Vertical	289	2.78	-
AV	2.4974G	44.51	54.00	-9.49	32.66	3	Vertical	289	2.78	-
PK	2.3594G	55.15	74.00	-18.85	32.16	3	Vertical	289	2.78	-
PK	2.4458G	102.49	Inf	-Inf	32.47	3	Vertical	289	2.78	-
PK	2.4922G	56.21	74.00	-17.79	32.64	3	Vertical	289	2.78	-

802.11b_Nss1,(1Mbps)_1TX

2447MHz_TX

09/08/2018

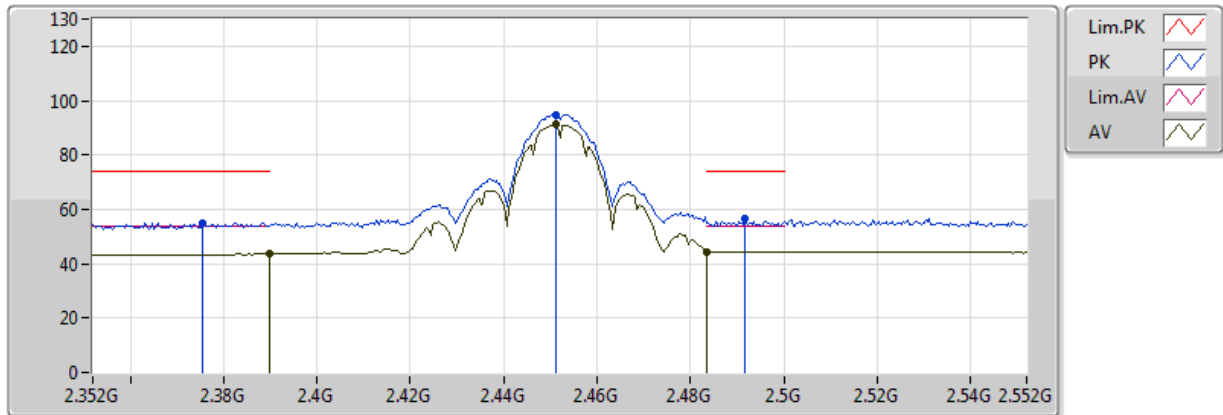


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3882G	43.94	54.00	-10.06	32.27	3	Horizontal	325	2.50	-
AV	2.4462G	103.19	Inf	-Inf	32.48	3	Horizontal	325	2.50	-
AV	2.4958G	45.07	54.00	-8.93	32.65	3	Horizontal	325	2.50	-
PK	2.3814G	55.74	74.00	-18.26	32.25	3	Horizontal	325	2.50	-
PK	2.4458G	107.01	Inf	-Inf	32.47	3	Horizontal	325	2.50	-
PK	2.4998G	56.72	74.00	-17.28	32.67	3	Horizontal	325	2.50	-

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

09/08/2018

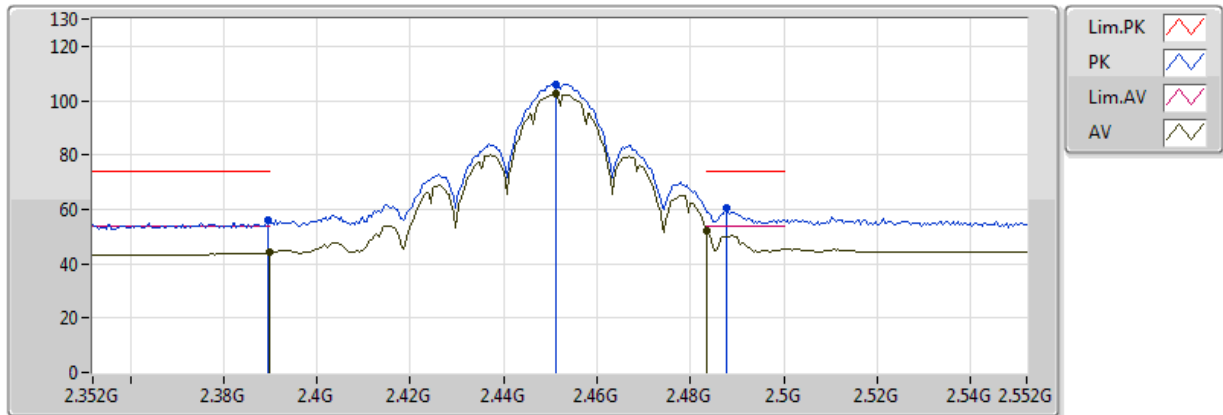


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	43.60	54.00	-10.40	32.28	3	Vertical	156	1.07	-
AV	2.4512G	91.20	Inf	-Inf	32.49	3	Vertical	156	1.07	-
AV	2.483502G	44.54	54.00	-9.46	32.61	3	Vertical	156	1.07	-
PK	2.3756G	55.19	74.00	-18.81	32.22	3	Vertical	156	1.07	-
PK	2.4512G	94.96	Inf	-Inf	32.49	3	Vertical	156	1.07	-
PK	2.4916G	56.70	74.00	-17.30	32.64	3	Vertical	156	1.07	-

802.11b_Nss1,(1Mbps)_1TX

2452MHz_TX

09/08/2018

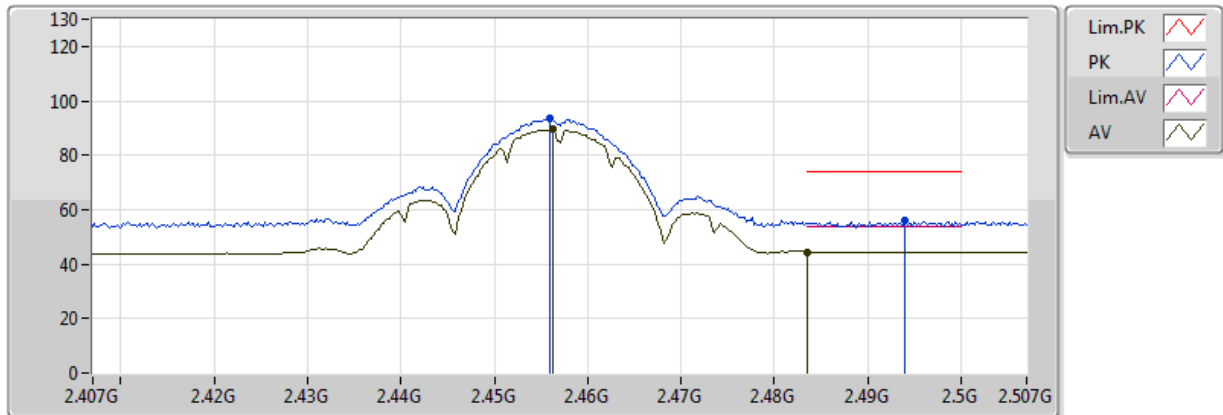


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	44.26	54.00	-9.74	32.28	3	Horizontal	321	1.15	-
AV	2.4512G	102.38	Inf	-Inf	32.49	3	Horizontal	321	1.15	-
AV	2.483502G	51.92	54.00	-2.08	32.61	3	Horizontal	321	1.15	-
PK	2.3896G	55.88	74.00	-18.12	32.28	3	Horizontal	321	1.15	-
PK	2.4512G	106.18	Inf	-Inf	32.49	3	Horizontal	321	1.15	-
PK	2.4876G	60.40	74.00	-13.60	32.63	3	Horizontal	321	1.15	-

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

09/08/2018

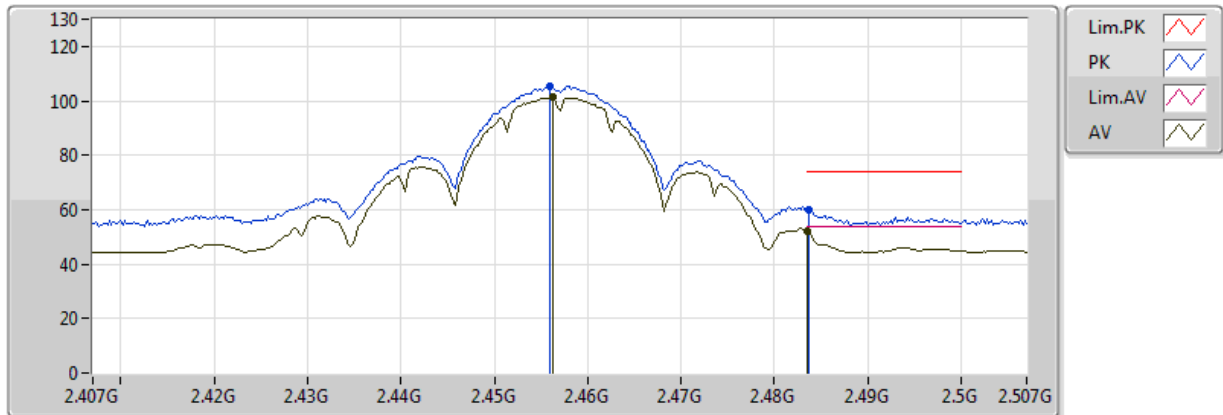


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4562G	89.49	Inf	-Inf	32.51	3	Vertical	157	1.07	-
AV	2.483502G	44.54	54.00	-9.46	32.61	3	Vertical	157	1.07	-
PK	2.456G	93.34	Inf	-Inf	32.51	3	Vertical	157	1.07	-
PK	2.494G	56.27	74.00	-17.73	32.65	3	Vertical	157	1.07	-

802.11b_Nss1,(1Mbps)_1TX

2457MHz_TX

09/08/2018

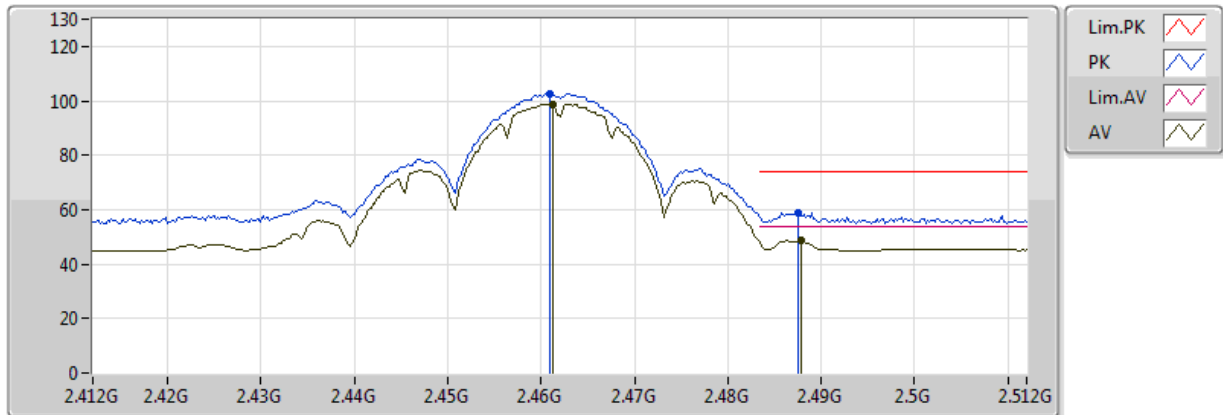


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4562G	101.37	Inf	-Inf	32.51	3	Horizontal	322	1.12	-
AV	2.483502G	52.35	54.00	-1.65	32.61	3	Horizontal	322	1.12	-
PK	2.456G	105.19	Inf	-Inf	32.51	3	Horizontal	322	1.12	-
PK	2.4836G	59.77	74.00	-14.23	32.61	3	Horizontal	322	1.12	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/08/2018

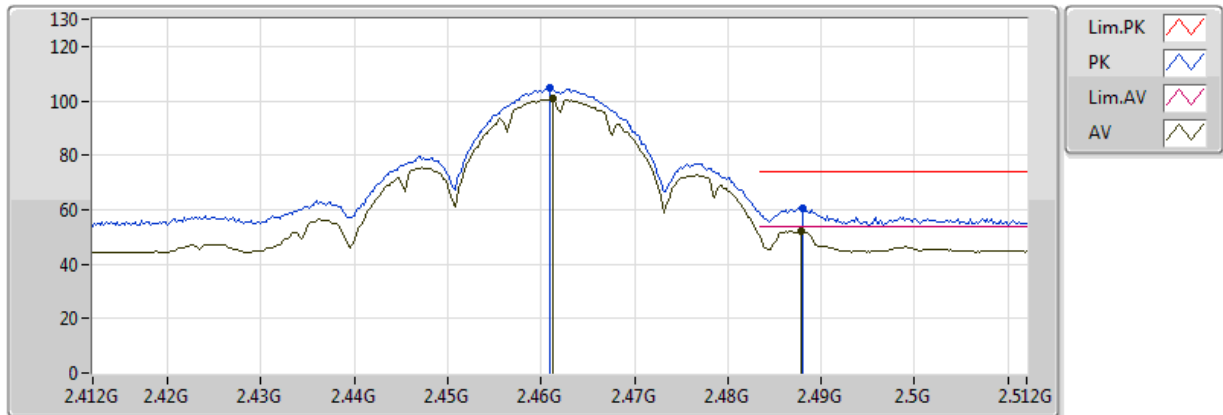


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	98.87	Inf	-Inf	32.53	3	Vertical	266	3.09	-
AV	2.4878G	48.58	54.00	-5.42	32.63	3	Vertical	266	3.09	-
PK	2.461G	102.74	Inf	-Inf	32.53	3	Vertical	266	3.09	-
PK	2.4876G	59.00	74.00	-15.00	32.63	3	Vertical	266	3.09	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/08/2018

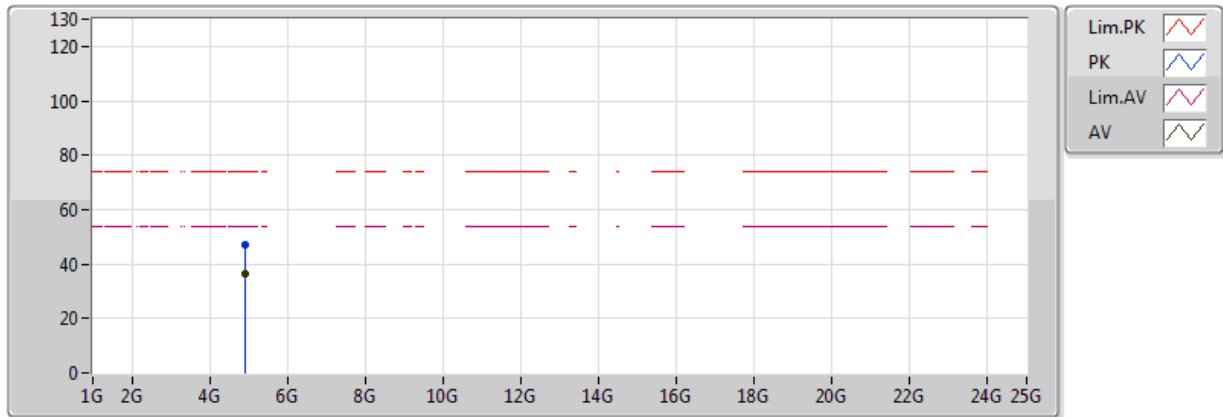


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	100.70	Inf	-Inf	32.53	3	Horizontal	319	1.12	-
AV	2.4878G	52.35	54.00	-1.65	32.63	3	Horizontal	319	1.12	-
PK	2.461G	104.53	Inf	-Inf	32.53	3	Horizontal	319	1.12	-
PK	2.488G	60.65	74.00	-13.35	32.63	3	Horizontal	319	1.12	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/08/2018

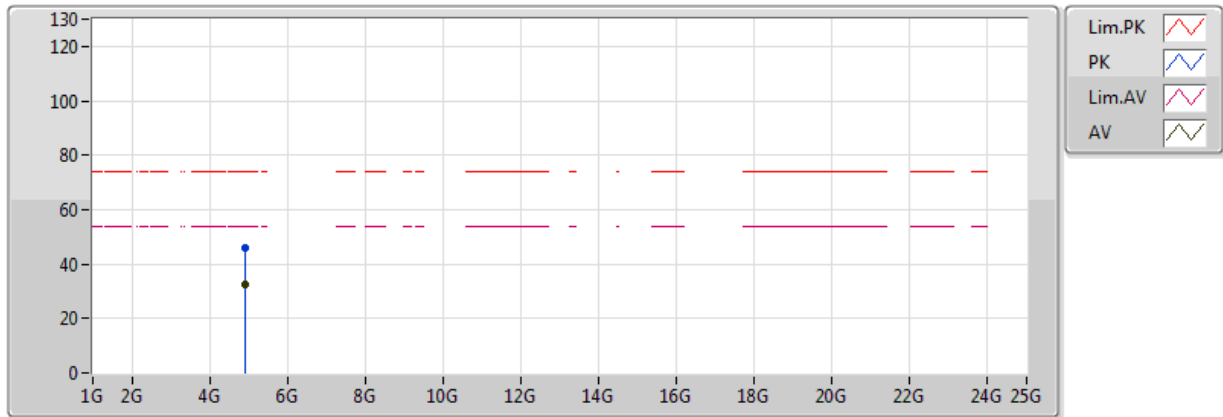


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.923916G	36.45	54.00	-17.55	3.25	3	Vertical	309	2.99	-
PK	4.923748G	46.79	74.00	-27.21	3.25	3	Vertical	309	2.99	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/08/2018

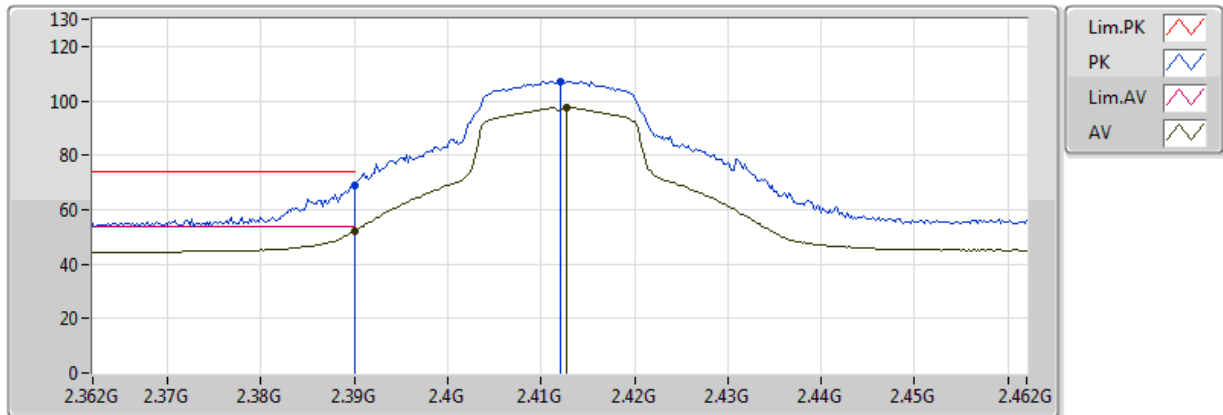


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.923932G	32.49	54.00	-21.51	3.25	3	Horizontal	339	1.17	-
PK	4.923544G	46.01	74.00	-27.99	3.25	3	Horizontal	339	1.17	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

09/08/2018

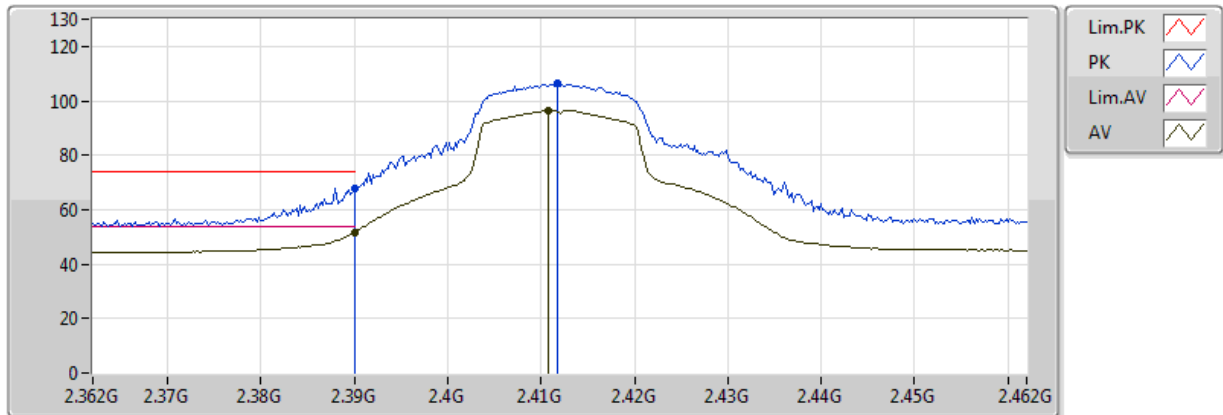


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.05	54.00	-1.95	32.28	3	Vertical	269	3.19	-
AV	2.4128G	97.48	Inf	-Inf	32.36	3	Vertical	269	3.19	-
PK	2.389998G	68.87	74.00	-5.13	32.28	3	Vertical	269	3.19	-
PK	2.412G	107.15	Inf	-Inf	32.35	3	Vertical	269	3.19	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

09/08/2018

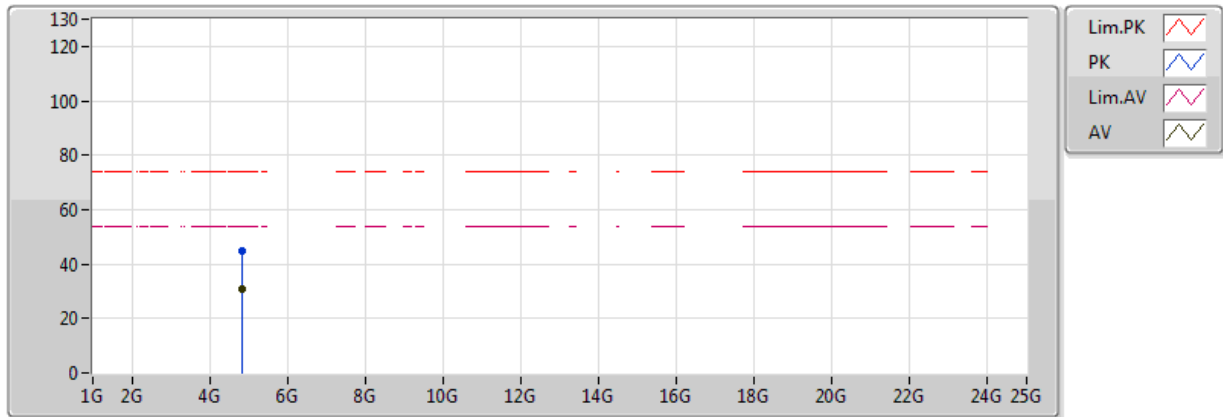


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	51.56	54.00	-2.44	32.28	3	Horizontal	309	2.85	-
AV	2.4108G	96.50	Inf	-Inf	32.35	3	Horizontal	309	2.85	-
PK	2.389998G	67.79	74.00	-6.21	32.28	3	Horizontal	309	2.85	-
PK	2.4118G	106.32	Inf	-Inf	32.35	3	Horizontal	309	2.85	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

09/08/2018

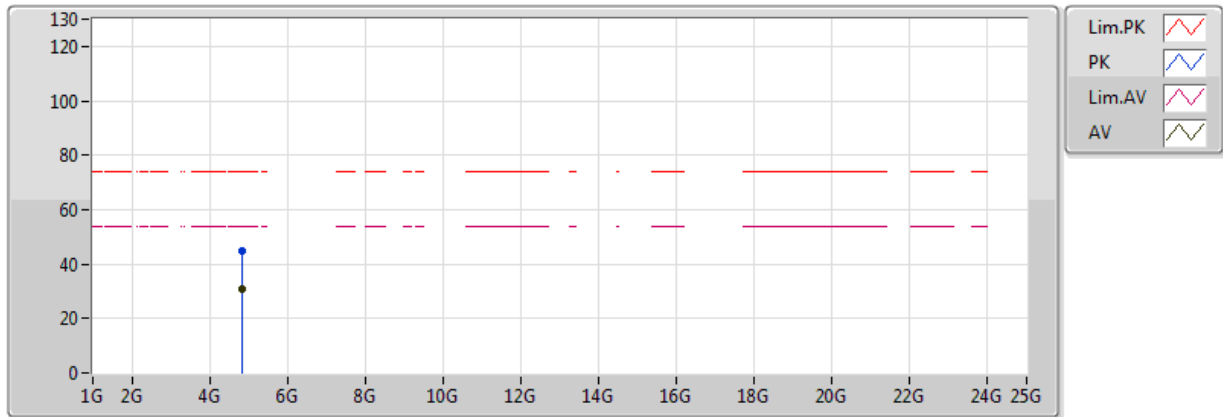


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.823948G	30.81	54.00	-23.19	3.03	3	Vertical	225	1.27	-
PK	4.8238G	44.75	74.00	-29.25	3.03	3	Vertical	225	1.27	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

09/08/2018

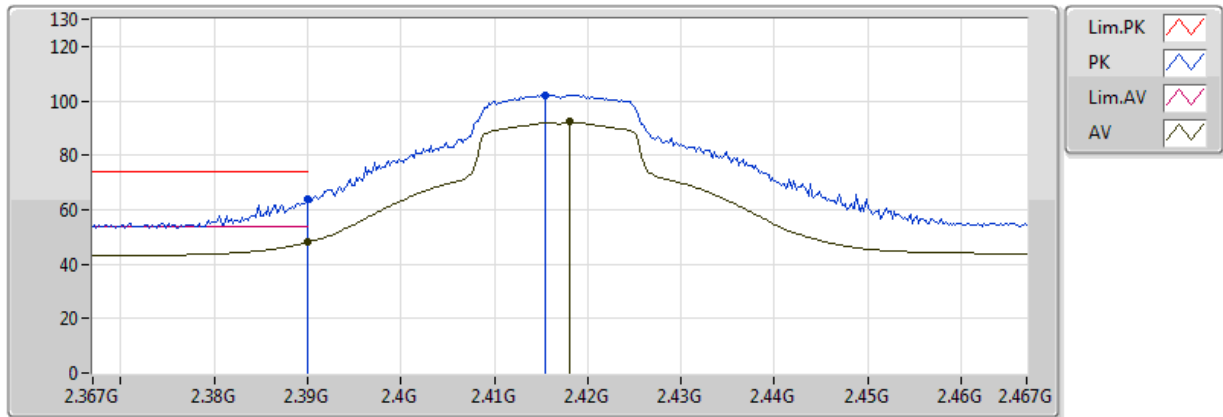


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.823884G	30.76	54.00	-23.24	3.03	3	Horizontal	179	1.53	-
PK	4.823812G	44.98	74.00	-29.02	3.03	3	Horizontal	179	1.53	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

09/08/2018

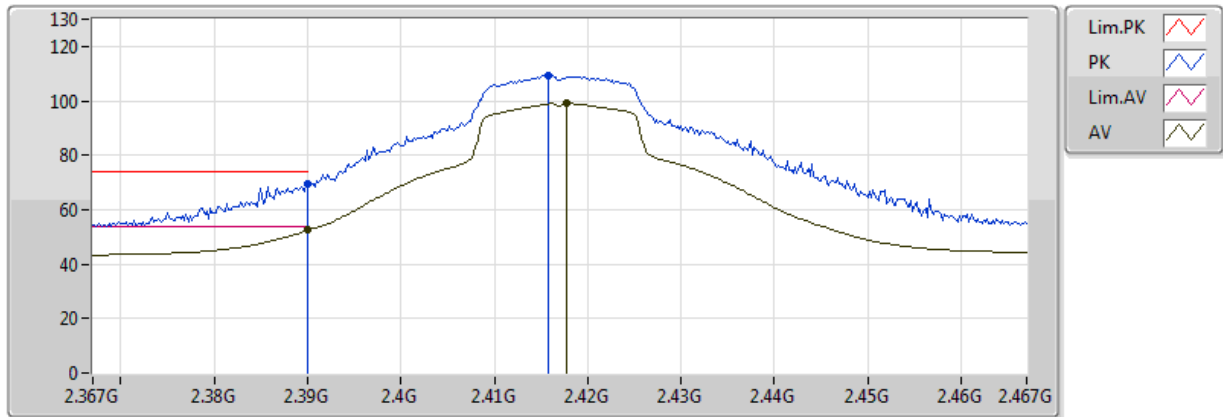


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.06	54.00	-5.94	32.28	3	Vertical	195	2.53	-
AV	2.418G	92.21	Inf	-Inf	32.37	3	Vertical	195	2.53	-
PK	2.389998G	63.61	74.00	-10.39	32.28	3	Vertical	195	2.53	-
PK	2.4154G	102.23	Inf	-Inf	32.37	3	Vertical	195	2.53	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

09/08/2018

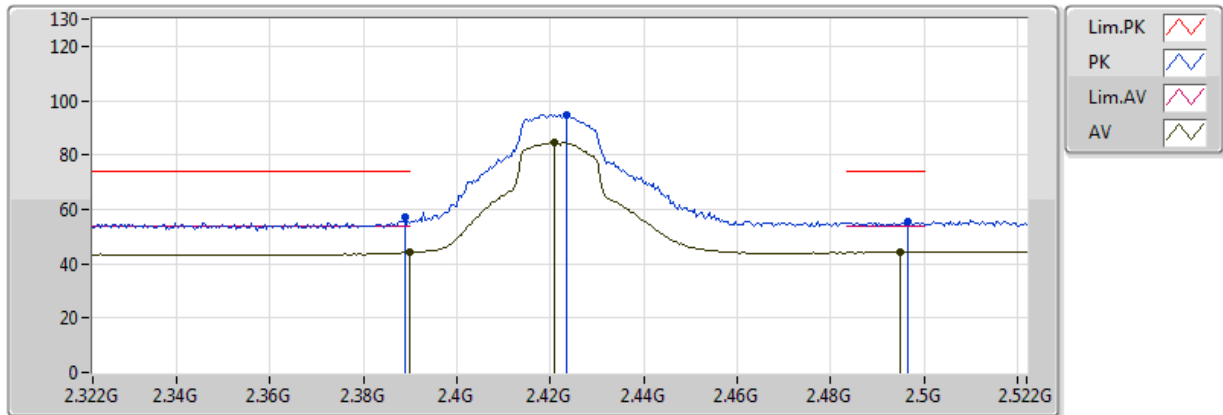


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.49	54.00	-1.51	32.28	3	Horizontal	326	2.54	-
AV	2.4178G	99.02	Inf	-Inf	32.37	3	Horizontal	326	2.54	-
PK	2.389998G	69.25	74.00	-4.75	32.28	3	Horizontal	326	2.54	-
PK	2.4158G	109.31	Inf	-Inf	32.37	3	Horizontal	326	2.54	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

09/08/2018

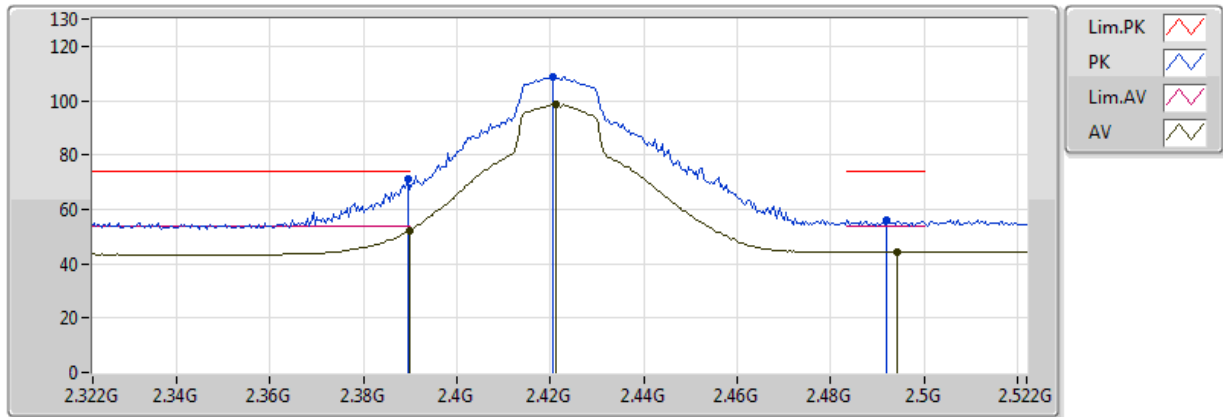


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	44.19	54.00	-9.81	32.28	3	Vertical	133	1.50	-
AV	2.4208G	84.88	Inf	-Inf	32.38	3	Vertical	133	1.50	-
AV	2.4948G	44.25	54.00	-9.75	32.65	3	Vertical	133	1.50	-
PK	2.3888G	57.25	74.00	-16.75	32.27	3	Vertical	133	1.50	-
PK	2.4236G	94.77	Inf	-Inf	32.39	3	Vertical	133	1.50	-
PK	2.4964G	55.43	74.00	-18.57	32.66	3	Vertical	133	1.50	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

09/08/2018

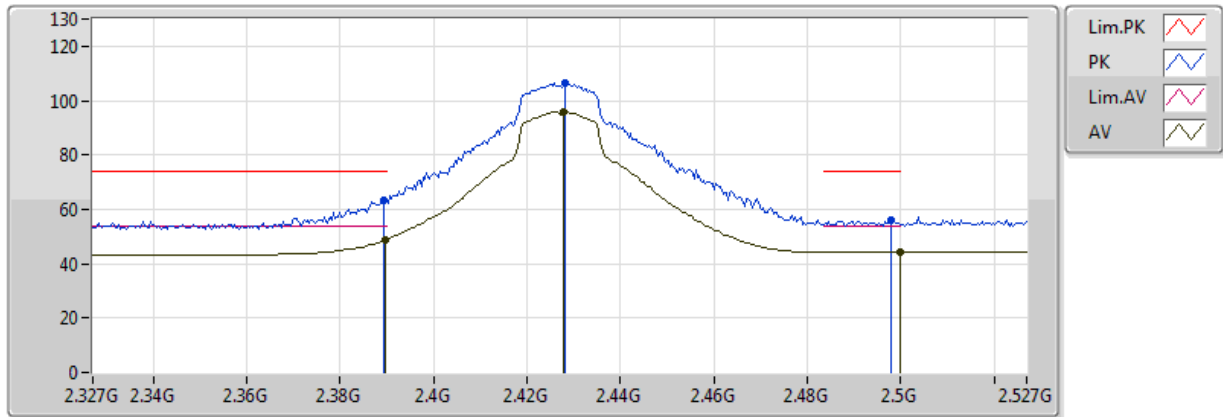


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.30	54.00	-1.70	32.28	3	Horizontal	209	2.01	-
AV	2.4212G	98.76	Inf	-Inf	32.39	3	Horizontal	209	2.01	-
AV	2.4944G	44.37	54.00	-9.63	32.65	3	Horizontal	209	2.01	-
PK	2.3896G	71.12	74.00	-2.88	32.28	3	Horizontal	209	2.01	-
PK	2.4204G	108.65	Inf	-Inf	32.38	3	Horizontal	209	2.01	-
PK	2.492G	56.06	74.00	-17.94	32.64	3	Horizontal	209	2.01	-

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

09/08/2018

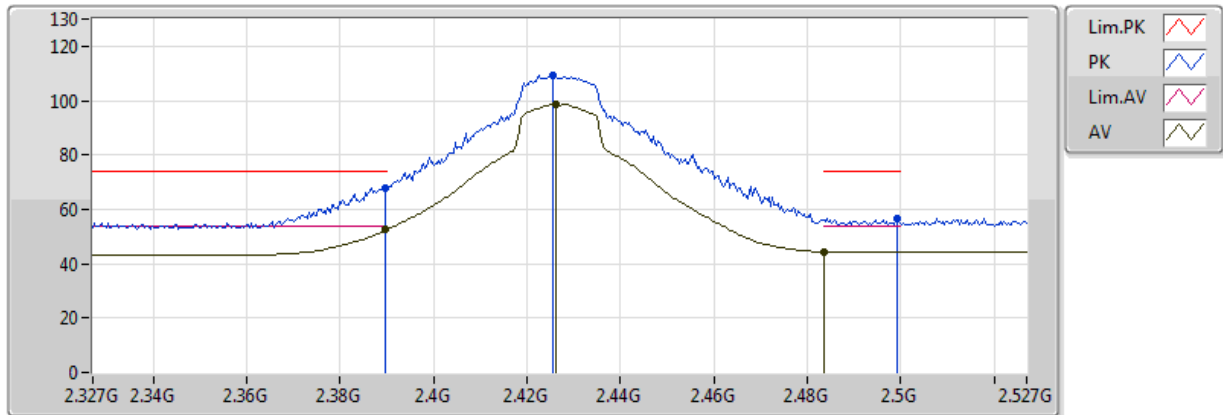


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.76	54.00	-5.24	32.28	3	Vertical	197	2.84	-
AV	2.4278G	96.02	Inf	-Inf	32.41	3	Vertical	197	2.84	-
AV	2.4998G	44.28	54.00	-9.72	32.67	3	Vertical	197	2.84	-
PK	2.3894G	63.51	74.00	-10.49	32.27	3	Vertical	197	2.84	-
PK	2.4282G	106.36	Inf	-Inf	32.41	3	Vertical	197	2.84	-
PK	2.4978G	55.87	74.00	-18.13	32.66	3	Vertical	197	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

09/08/2018

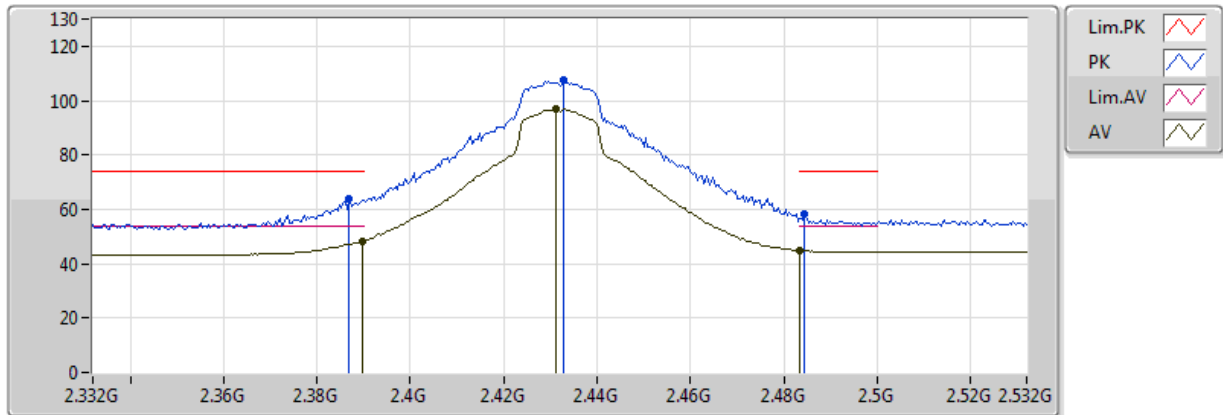


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.44	54.00	-1.56	32.28	3	Horizontal	211	2.80	-
AV	2.4262G	98.71	Inf	-Inf	32.40	3	Horizontal	211	2.80	-
AV	2.483502G	44.35	54.00	-9.65	32.61	3	Horizontal	211	2.80	-
PK	2.3898G	67.84	74.00	-6.16	32.28	3	Horizontal	211	2.80	-
PK	2.4254G	109.53	Inf	-Inf	32.40	3	Horizontal	211	2.80	-
PK	2.4994G	56.50	74.00	-17.50	32.67	3	Horizontal	211	2.80	-

802.11g_Nss1,(6Mbps)_1TX

2432MHz_TX

09/08/2018

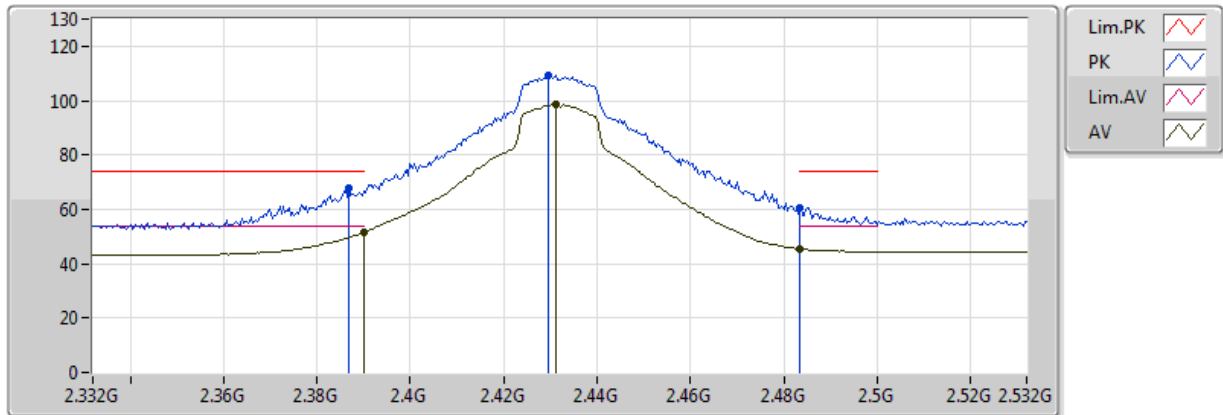


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	48.44	54.00	-5.56	32.28	3	Vertical	291	2.75	-
AV	2.4312G	96.84	Inf	-Inf	32.42	3	Vertical	291	2.75	-
AV	2.483502G	44.77	54.00	-9.23	32.61	3	Vertical	291	2.75	-
PK	2.3868G	63.77	74.00	-10.23	32.26	3	Vertical	291	2.75	-
PK	2.4328G	107.32	Inf	-Inf	32.43	3	Vertical	291	2.75	-
PK	2.4844G	58.11	74.00	-15.89	32.61	3	Vertical	291	2.75	-

802.11g_Nss1,(6Mbps)_1TX

2432MHz_TX

09/08/2018

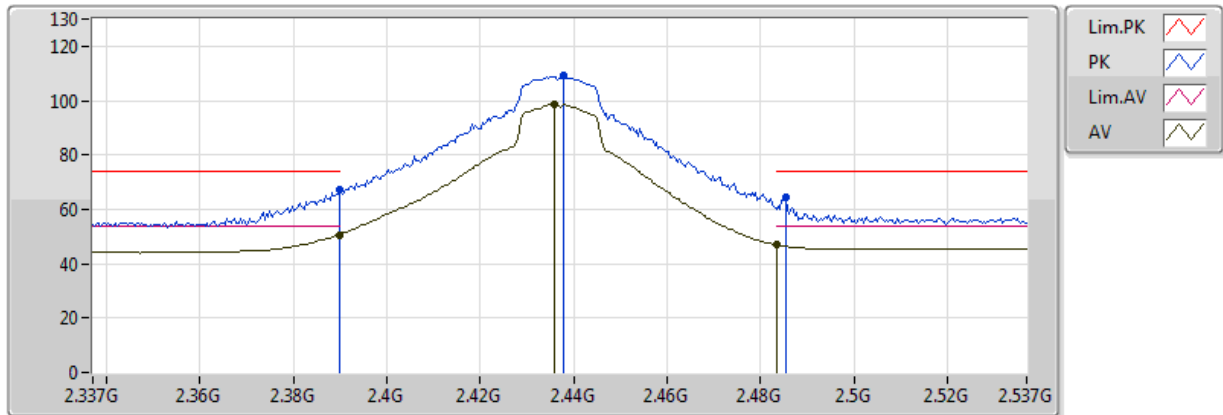


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	51.39	54.00	-2.61	32.28	3	Horizontal	209	1.45	-
AV	2.4312G	98.60	Inf	-Inf	32.42	3	Horizontal	209	1.45	-
AV	2.483502G	45.33	54.00	-8.67	32.61	3	Horizontal	209	1.45	-
PK	2.3868G	67.72	74.00	-6.28	32.26	3	Horizontal	209	1.45	-
PK	2.4296G	109.30	Inf	-Inf	32.42	3	Horizontal	209	1.45	-
PK	2.483502G	60.74	74.00	-13.26	32.61	3	Horizontal	209	1.45	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

09/08/2018

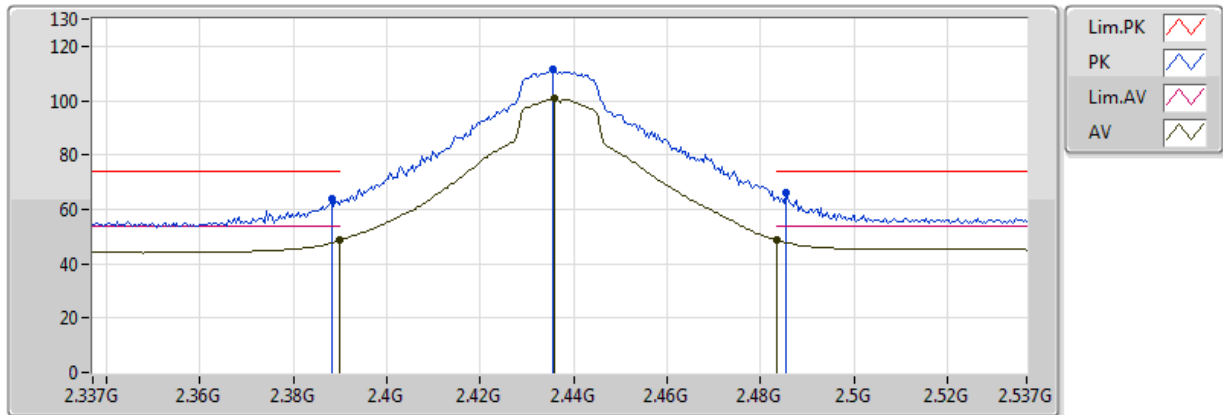


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	50.67	54.00	-3.33	32.28	3	Vertical	266	3.15	-
AV	2.4358G	98.72	Inf	-Inf	32.44	3	Vertical	266	3.15	-
AV	2.483502G	46.89	54.00	-7.11	32.61	3	Vertical	266	3.15	-
PK	2.3898G	67.20	74.00	-6.80	32.28	3	Vertical	266	3.15	-
PK	2.4378G	109.03	Inf	-Inf	32.45	3	Vertical	266	3.15	-
PK	2.4854G	64.44	74.00	-9.56	32.61	3	Vertical	266	3.15	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

09/08/2018

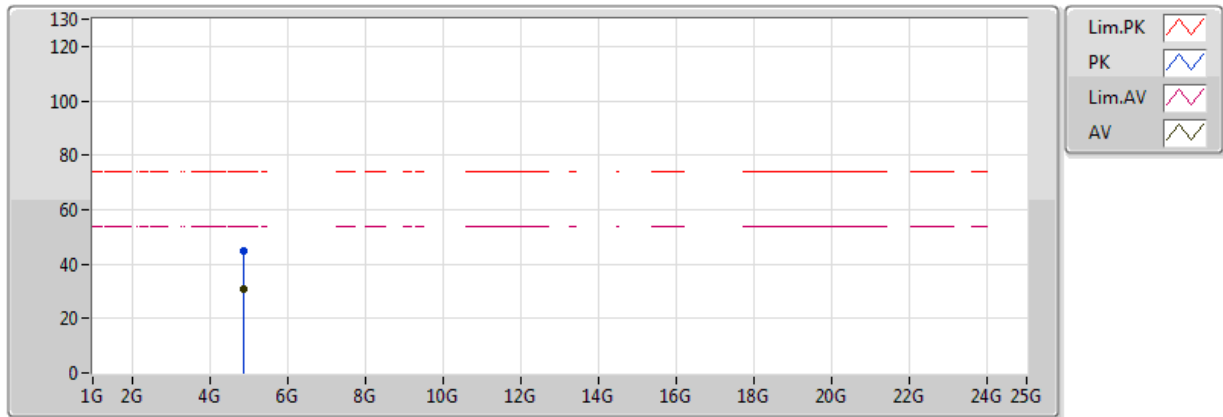


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.47	54.00	-5.53	32.28	3	Horizontal	319	3.10	-
AV	2.4358G	100.67	Inf	-Inf	32.44	3	Horizontal	319	3.10	-
AV	2.483502G	48.75	54.00	-5.25	32.61	3	Horizontal	319	3.10	-
PK	2.3882G	63.70	74.00	-10.30	32.27	3	Horizontal	319	3.10	-
PK	2.4354G	111.59	Inf	-Inf	32.44	3	Horizontal	319	3.10	-
PK	2.4854G	66.16	74.00	-7.84	32.61	3	Horizontal	319	3.10	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

09/08/2018

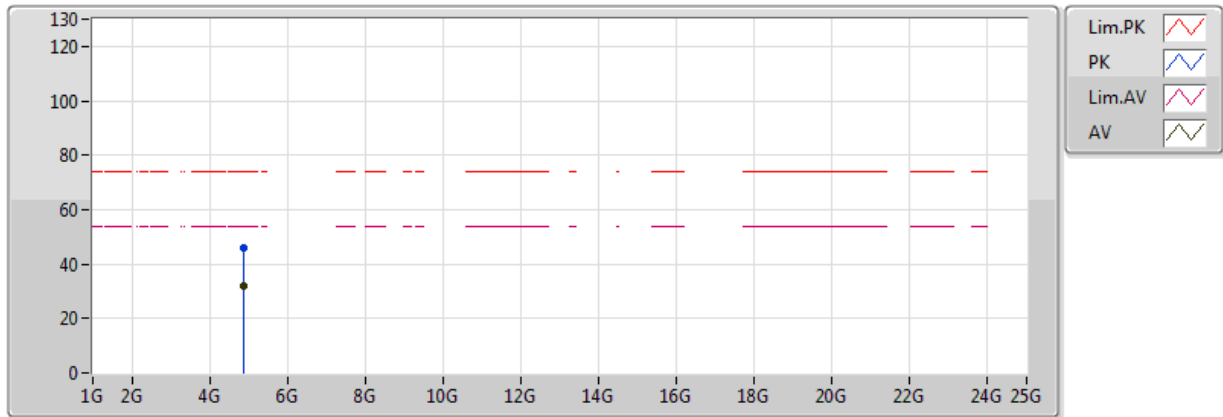


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88342G	31.09	54.00	-22.91	3.16	3	Vertical	320	1.63	-
PK	4.86578G	44.68	74.00	-29.32	3.12	3	Vertical	320	1.63	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

09/08/2018

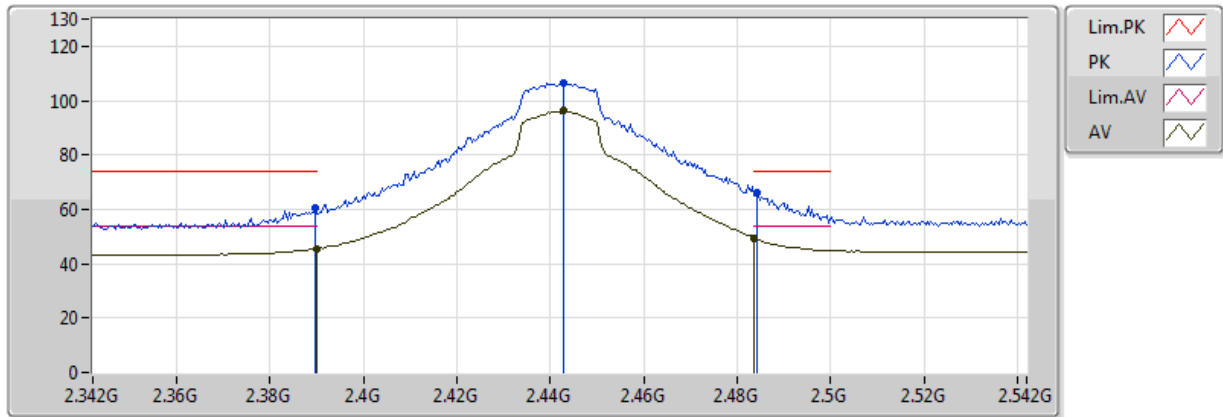


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87556G	31.70	54.00	-22.30	3.15	3	Horizontal	256	1.78	-
PK	4.87592G	45.75	74.00	-28.25	3.15	3	Horizontal	256	1.78	-

802.11g_Nss1,(6Mbps)_1TX

2442MHz_TX

09/08/2018

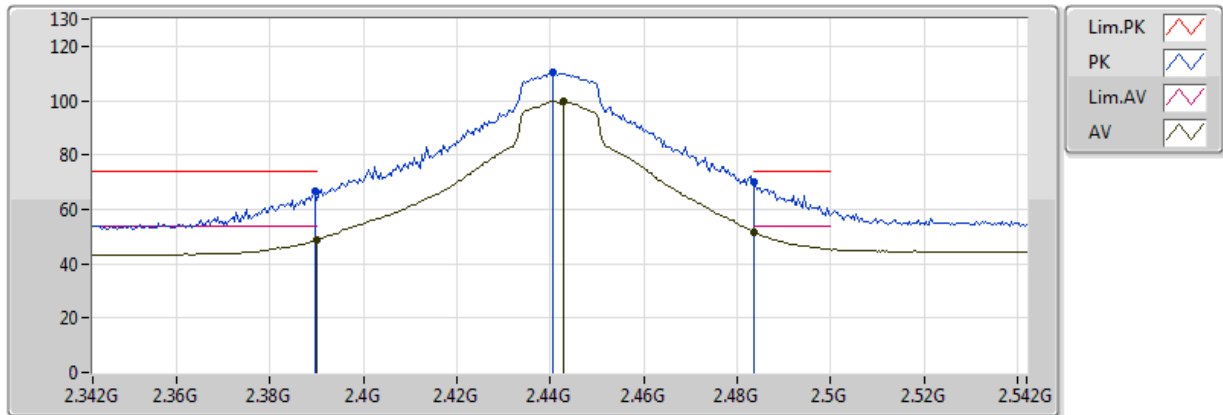


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.49	54.00	-8.51	32.28	3	Vertical	288	2.99	-
AV	2.4428G	96.16	Inf	-Inf	32.46	3	Vertical	288	2.99	-
AV	2.483502G	49.51	54.00	-4.49	32.61	3	Vertical	288	2.99	-
PK	2.3896G	60.51	74.00	-13.49	32.28	3	Vertical	288	2.99	-
PK	2.4428G	106.65	Inf	-Inf	32.46	3	Vertical	288	2.99	-
PK	2.4844G	66.02	74.00	-7.98	32.61	3	Vertical	288	2.99	-

802.11g_Nss1,(6Mbps)_1TX

2442MHz_TX

09/08/2018

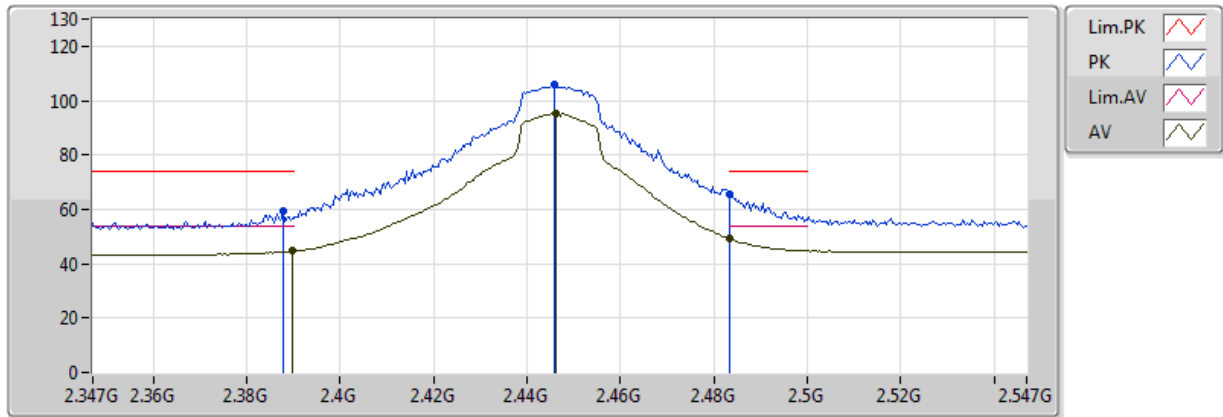


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.49	54.00	-5.51	32.28	3	Horizontal	321	1.01	-
AV	2.4428G	99.87	Inf	-Inf	32.46	3	Horizontal	321	1.01	-
AV	2.483502G	51.64	54.00	-2.36	32.61	3	Horizontal	321	1.01	-
PK	2.3896G	66.50	74.00	-7.50	32.28	3	Horizontal	321	1.01	-
PK	2.4404G	110.19	Inf	-Inf	32.46	3	Horizontal	321	1.01	-
PK	2.483502G	70.06	74.00	-3.94	32.61	3	Horizontal	321	1.01	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

09/08/2018

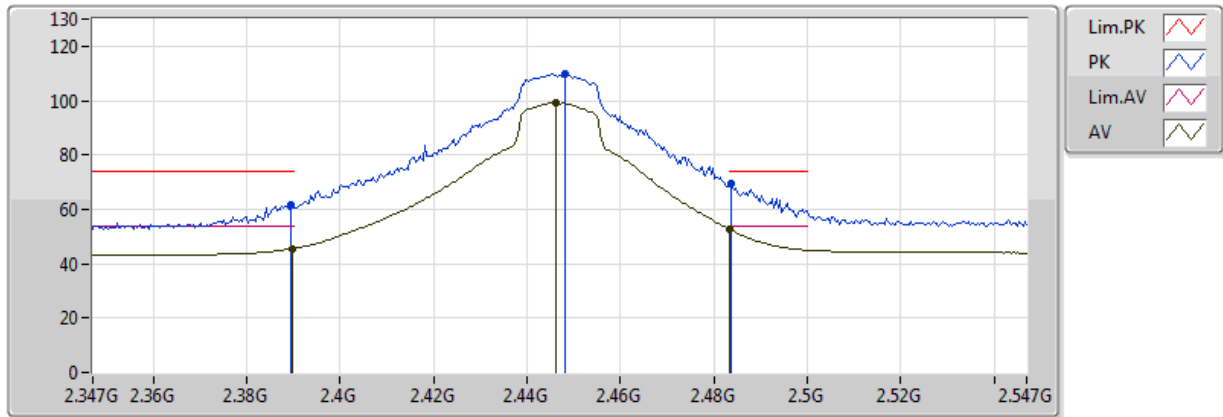


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.70	54.00	-9.30	32.28	3	Vertical	290	2.78	-
AV	2.4462G	95.24	Inf	-Inf	32.48	3	Vertical	290	2.78	-
AV	2.483502G	49.07	54.00	-4.93	32.61	3	Vertical	290	2.78	-
PK	2.3878G	59.25	74.00	-14.75	32.27	3	Vertical	290	2.78	-
PK	2.4458G	105.78	Inf	-Inf	32.47	3	Vertical	290	2.78	-
PK	2.483502G	65.67	74.00	-8.33	32.61	3	Vertical	290	2.78	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

09/08/2018

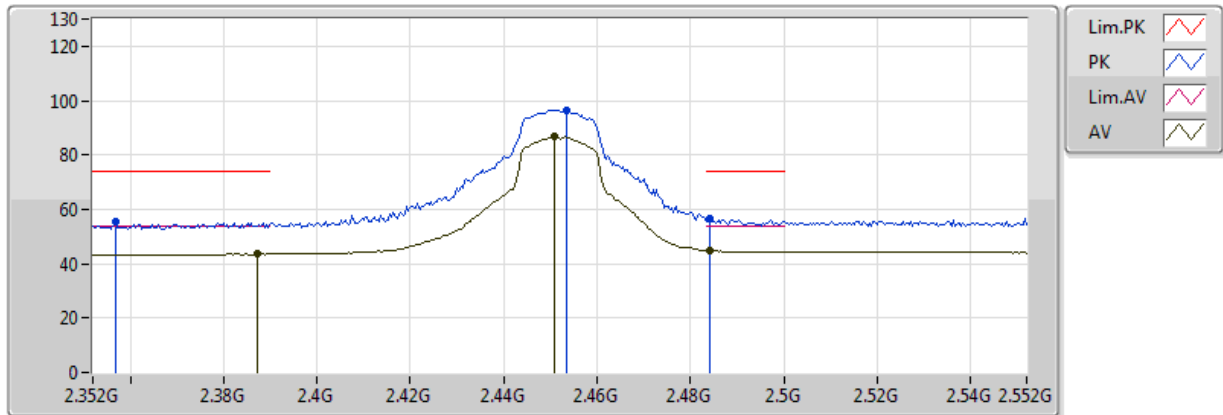


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.60	54.00	-8.40	32.27	3	Horizontal	327	2.51	-
AV	2.4462G	99.35	Inf	-Inf	32.48	3	Horizontal	327	2.51	-
AV	2.483502G	52.49	54.00	-1.51	32.61	3	Horizontal	327	2.51	-
PK	2.3894G	61.52	74.00	-12.48	32.27	3	Horizontal	327	2.51	-
PK	2.4482G	109.71	Inf	-Inf	32.48	3	Horizontal	327	2.51	-
PK	2.4838G	69.43	74.00	-4.57	32.61	3	Horizontal	327	2.51	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

09/08/2018

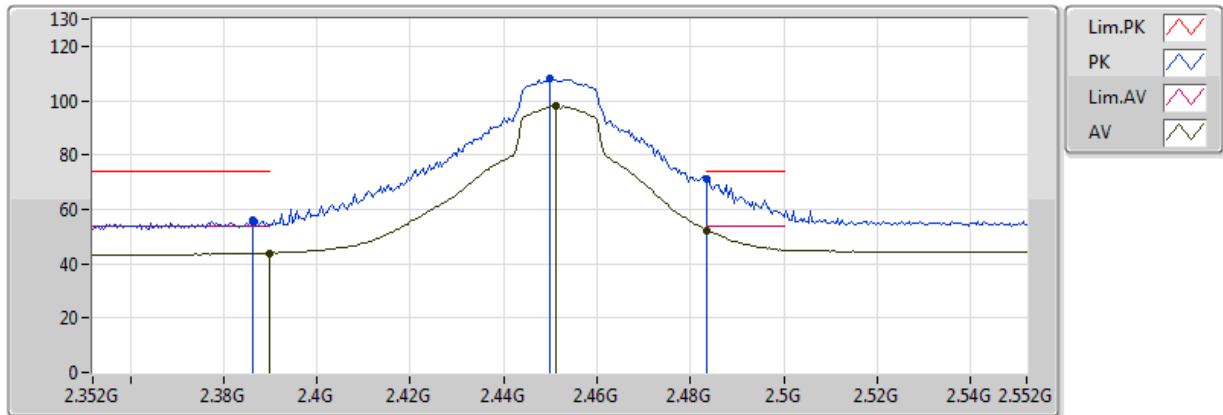


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3872G	43.49	54.00	-10.51	32.26	3	Vertical	156	1.08	-
AV	2.4508G	86.72	Inf	-Inf	32.49	3	Vertical	156	1.08	-
AV	2.484G	44.73	54.00	-9.27	32.61	3	Vertical	156	1.08	-
PK	2.3568G	55.64	74.00	-18.36	32.16	3	Vertical	156	1.08	-
PK	2.4536G	96.53	Inf	-Inf	32.50	3	Vertical	156	1.08	-
PK	2.484G	56.55	74.00	-17.45	32.61	3	Vertical	156	1.08	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

09/08/2018

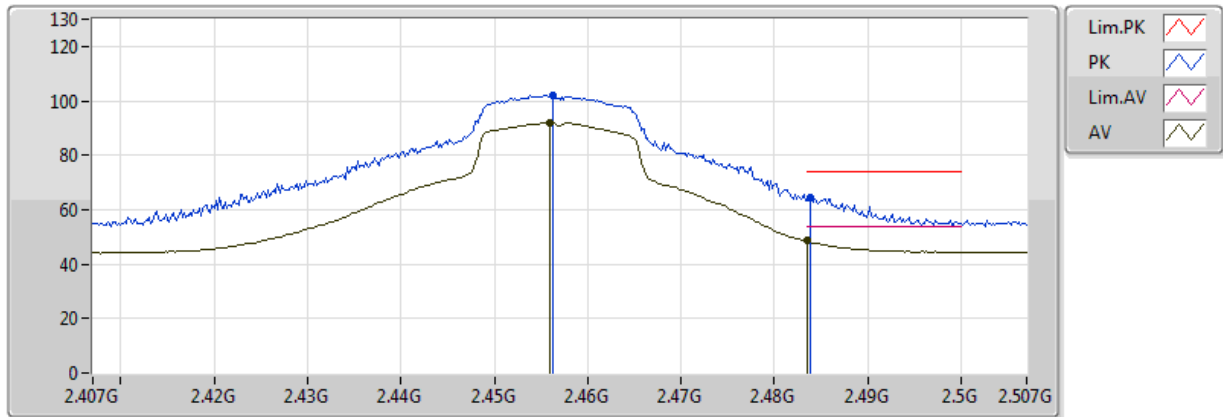


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	43.96	54.00	-10.04	32.28	3	Horizontal	321	1.16	-
AV	2.4512G	98.08	Inf	-Inf	32.49	3	Horizontal	321	1.16	-
AV	2.483502G	52.24	54.00	-1.76	32.61	3	Horizontal	321	1.16	-
PK	2.3864G	56.22	74.00	-17.78	32.26	3	Horizontal	321	1.16	-
PK	2.45G	107.90	Inf	-Inf	32.49	3	Horizontal	321	1.16	-
PK	2.483502G	71.37	74.00	-2.63	32.61	3	Horizontal	321	1.16	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

09/08/2018

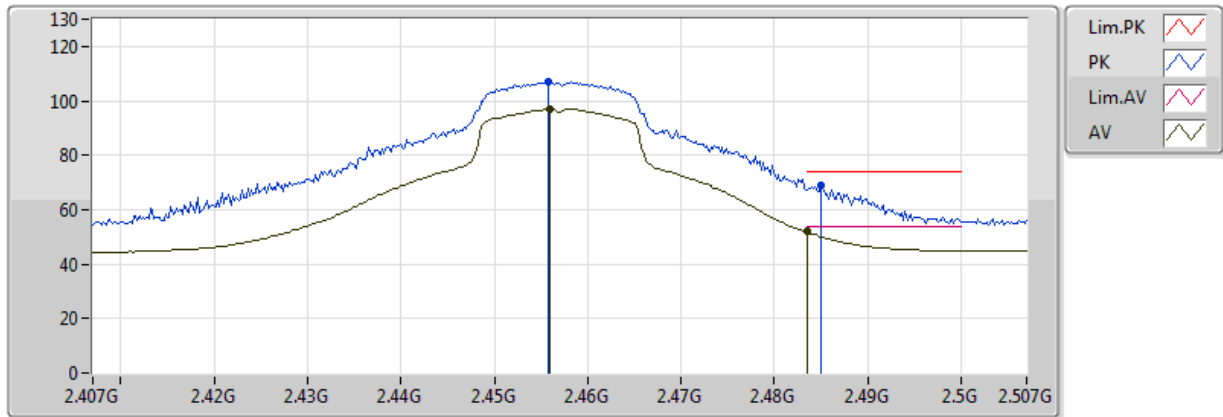


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.456G	92.00	Inf	-Inf	32.51	3	Vertical	290	2.74	-
AV	2.483502G	48.47	54.00	-5.53	32.61	3	Vertical	290	2.74	-
PK	2.4562G	101.89	Inf	-Inf	32.51	3	Vertical	290	2.74	-
PK	2.4838G	64.21	74.00	-9.79	32.61	3	Vertical	290	2.74	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

09/08/2018

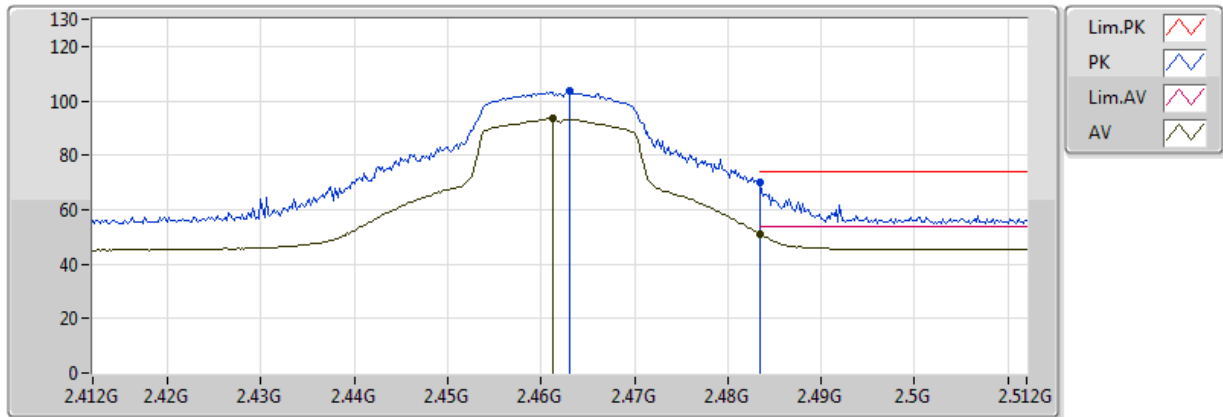


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.456G	96.97	Inf	-Inf	32.51	3	Horizontal	326	2.75	-
AV	2.483502G	51.85	54.00	-2.15	32.61	3	Horizontal	326	2.75	-
PK	2.4558G	106.97	Inf	-Inf	32.51	3	Horizontal	326	2.75	-
PK	2.485G	68.77	74.00	-5.23	32.61	3	Horizontal	326	2.75	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

09/08/2018

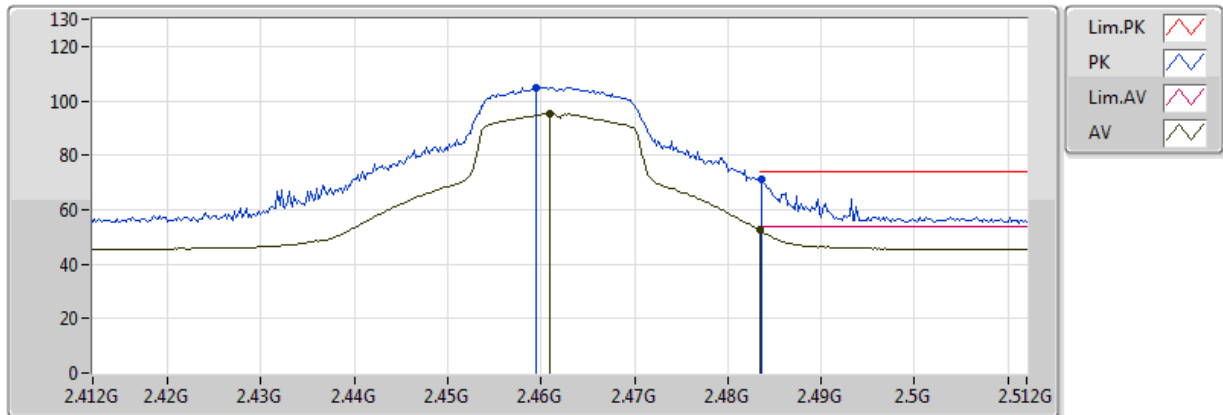


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	93.33	Inf	-Inf	32.53	3	Vertical	266	3.04	-
AV	2.483502G	51.24	54.00	-2.76	32.61	3	Vertical	266	3.04	-
PK	2.463G	103.87	Inf	-Inf	32.54	3	Vertical	266	3.04	-
PK	2.483502G	70.17	74.00	-3.83	32.61	3	Vertical	266	3.04	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

09/08/2018

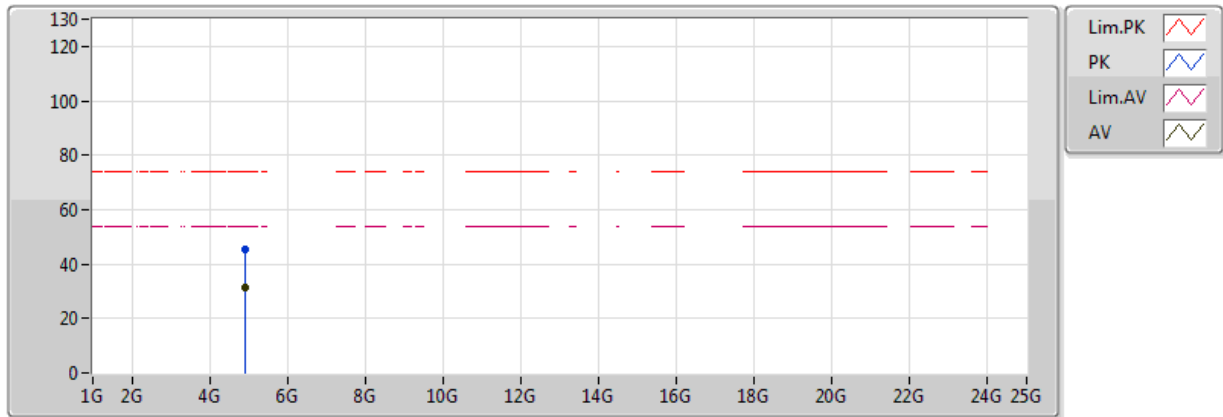


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.461G	95.31	Inf	-Inf	32.53	3	Horizontal	49	1.08	-
AV	2.483502G	52.41	54.00	-1.59	32.61	3	Horizontal	49	1.08	-
PK	2.4594G	105.06	Inf	-Inf	32.52	3	Horizontal	49	1.08	-
PK	2.4836G	71.17	74.00	-2.83	32.61	3	Horizontal	49	1.08	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

09/08/2018

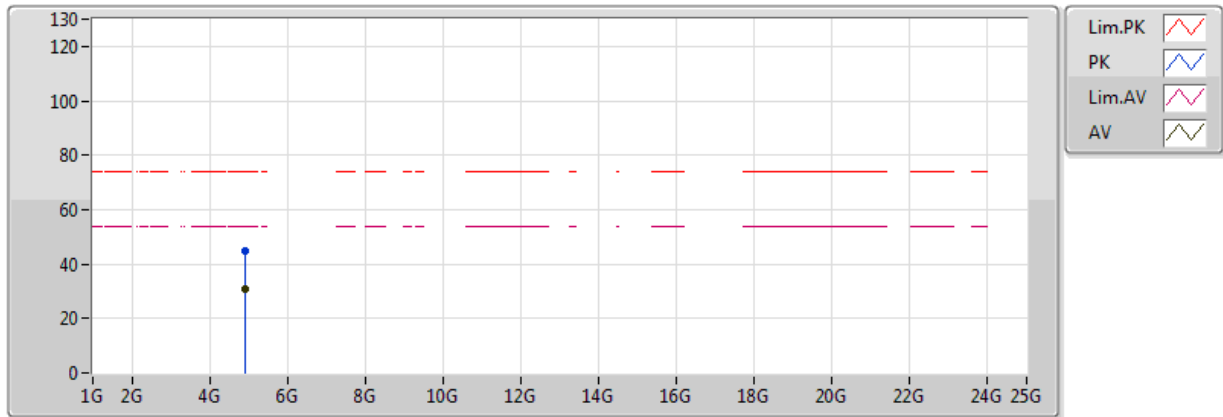


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924272G	31.35	54.00	-22.65	3.25	3	Vertical	316	2.99	-
PK	4.925G	45.13	74.00	-28.87	3.25	3	Vertical	316	2.99	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

09/08/2018

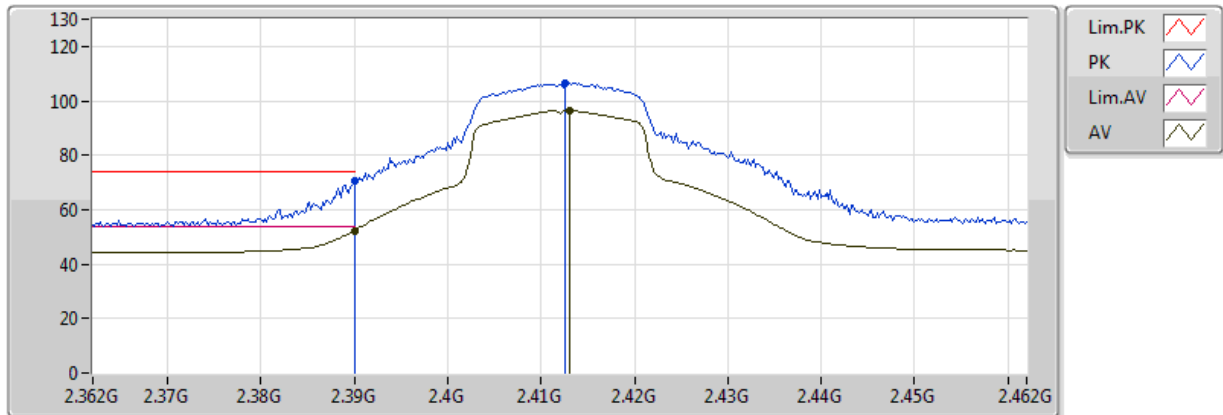


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.923948G	30.96	54.00	-23.04	3.25	3	Horizontal	56	1.50	-
PK	4.924576G	44.82	74.00	-29.18	3.25	3	Horizontal	56	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

08/08/2018

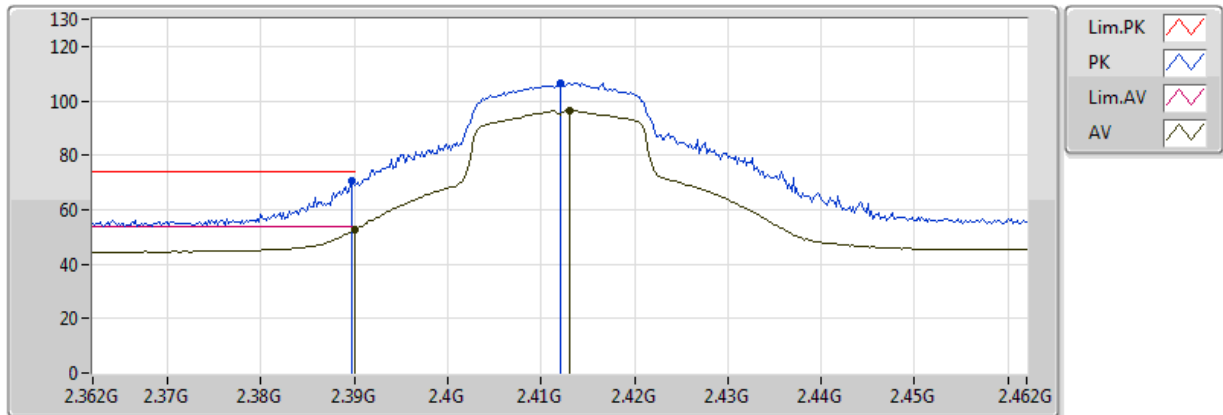


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.38	54.00	-1.62	32.28	3	Vertical	267	3.14	-
AV	2.413G	96.46	Inf	-Inf	32.36	3	Vertical	267	3.14	-
PK	2.389998G	70.53	74.00	-3.47	32.28	3	Vertical	267	3.14	-
PK	2.4126G	106.48	Inf	-Inf	32.36	3	Vertical	267	3.14	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

08/08/2018

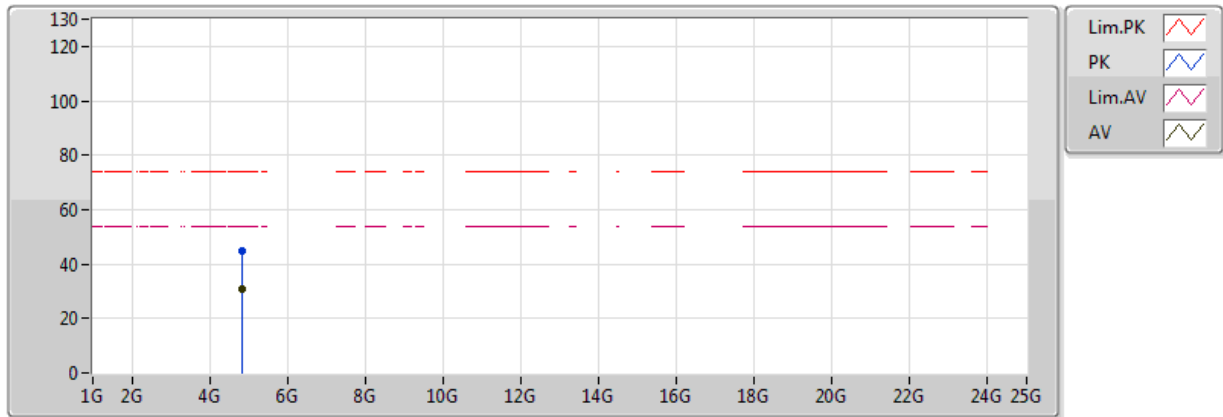


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.42	54.00	-1.58	32.28	3	Horizontal	228	1.54	-
AV	2.413G	96.31	Inf	-Inf	32.36	3	Horizontal	228	1.54	-
PK	2.3898G	70.36	74.00	-3.64	32.28	3	Horizontal	228	1.54	-
PK	2.412G	106.70	Inf	-Inf	32.35	3	Horizontal	228	1.54	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

08/08/2018

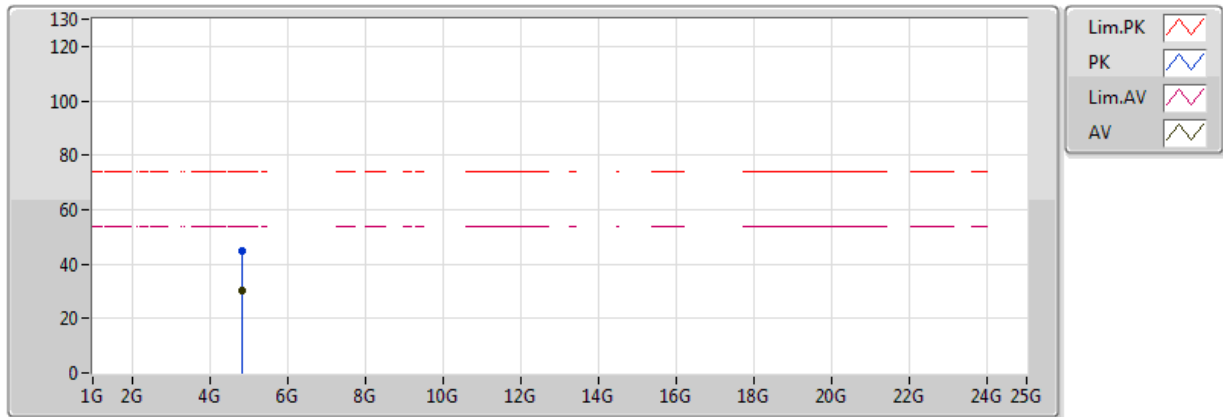


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82569G	30.83	54.00	-23.17	3.04	3	Vertical	307	2.78	-
PK	4.82308G	44.72	74.00	-29.28	3.03	3	Vertical	307	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

08/08/2018

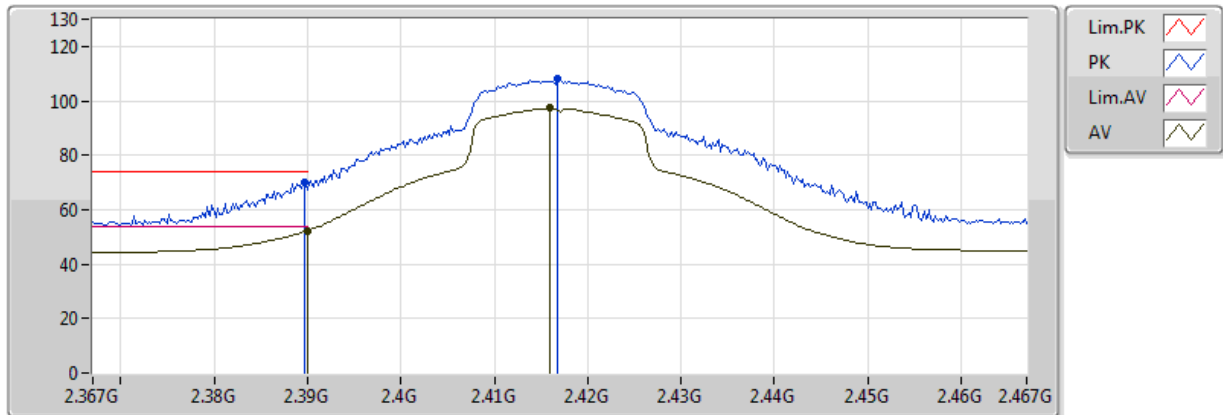


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82309G	30.49	54.00	-23.51	3.03	3	Horizontal	33	1.16	-
PK	4.82446G	44.62	74.00	-29.38	3.03	3	Horizontal	33	1.16	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

09/08/2018

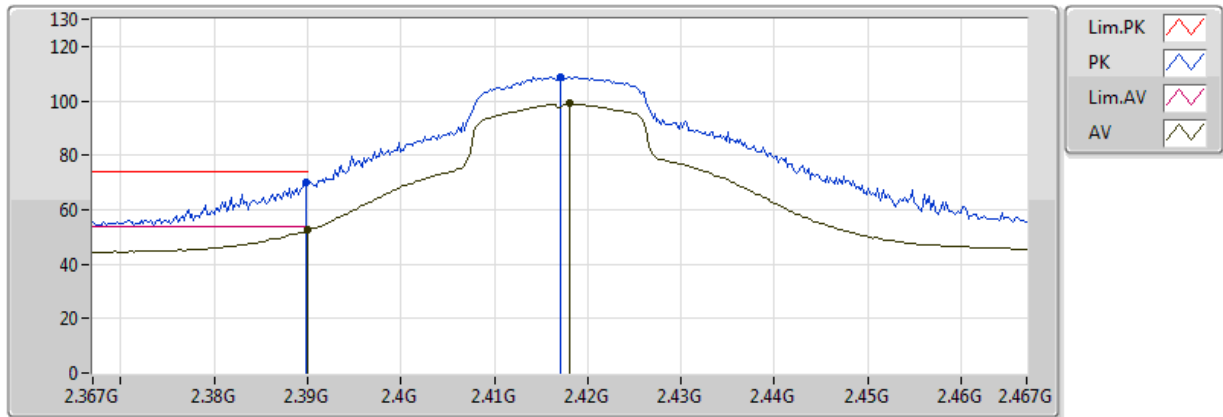


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.26	54.00	-1.74	32.28	3	Vertical	268	3.19	-
AV	2.416G	97.24	Inf	-Inf	32.37	3	Vertical	268	3.19	-
PK	2.3896G	69.92	74.00	-4.08	32.28	3	Vertical	268	3.19	-
PK	2.4168G	107.89	Inf	-Inf	32.37	3	Vertical	268	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

09/08/2018

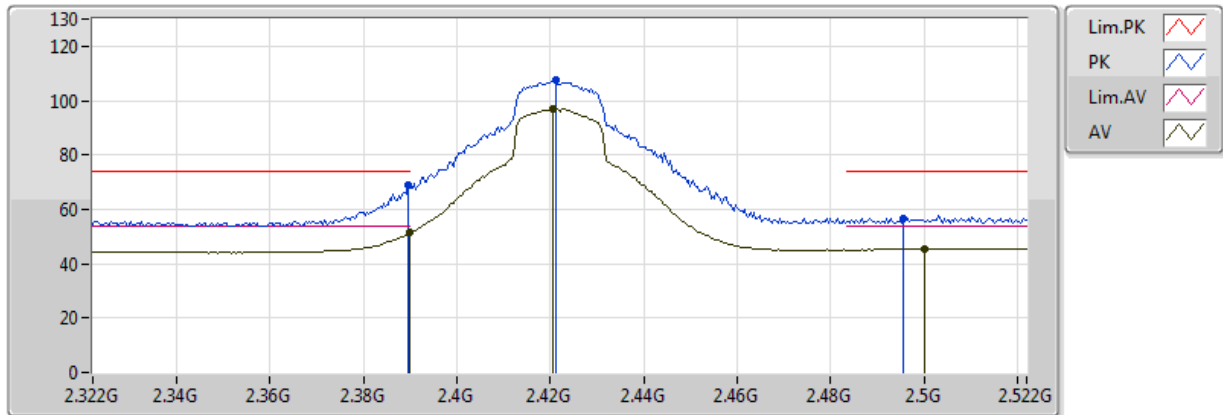


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.44	54.00	-1.56	32.28	3	Horizontal	227	2.78	-
AV	2.418G	98.96	Inf	-Inf	32.37	3	Horizontal	227	2.78	-
PK	2.3898G	69.93	74.00	-4.07	32.28	3	Horizontal	227	2.78	-
PK	2.417G	108.87	Inf	-Inf	32.37	3	Horizontal	227	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

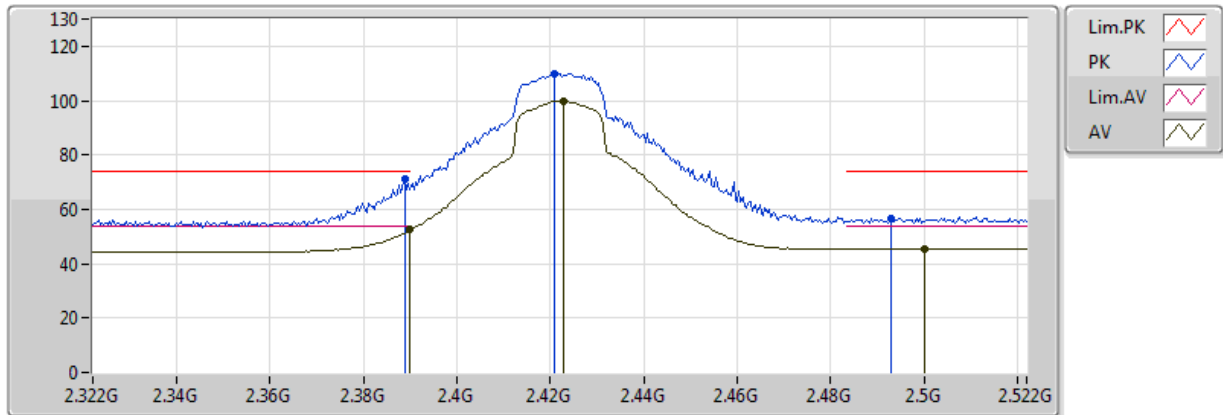


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	51.70	54.00	-2.30	32.28	3	Vertical	267	3.19	-
AV	2.4204G	97.12	Inf	-Inf	32.38	3	Vertical	267	3.19	-
AV	2.499998G	45.38	54.00	-8.62	32.67	3	Vertical	267	3.19	-
PK	2.3896G	68.85	74.00	-5.15	32.28	3	Vertical	267	3.19	-
PK	2.4212G	107.35	Inf	-Inf	32.39	3	Vertical	267	3.19	-
PK	2.4956G	56.74	74.00	-17.26	32.65	3	Vertical	267	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

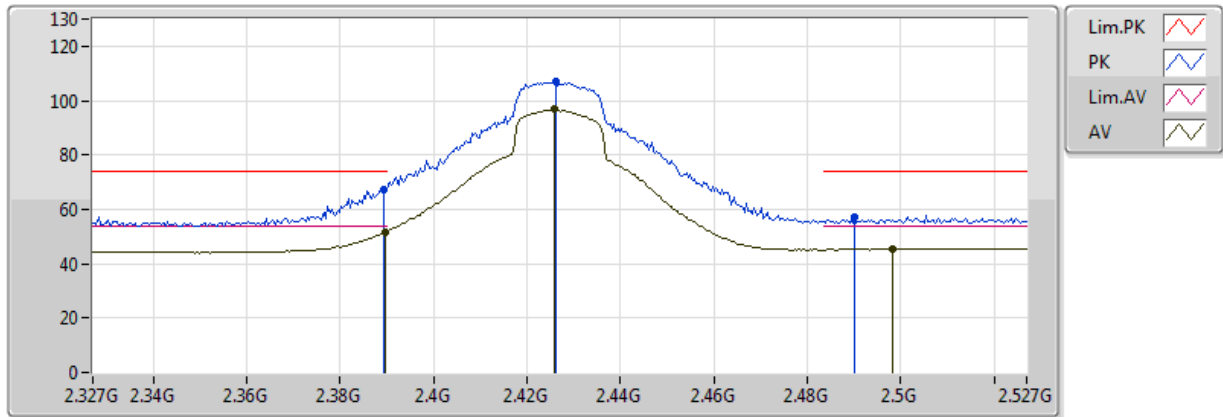


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	234	2.81	-
AV	2.4228G	99.76	Inf	-Inf	32.39	3	Horizontal	234	2.81	-
AV	2.499998G	45.46	54.00	-8.54	32.67	3	Horizontal	234	2.81	-
PK	2.3888G	70.91	74.00	-3.09	32.27	3	Horizontal	234	2.81	-
PK	2.4208G	109.89	Inf	-Inf	32.38	3	Horizontal	234	2.81	-
PK	2.4928G	56.73	74.00	-17.27	32.64	3	Horizontal	234	2.81	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

09/08/2018

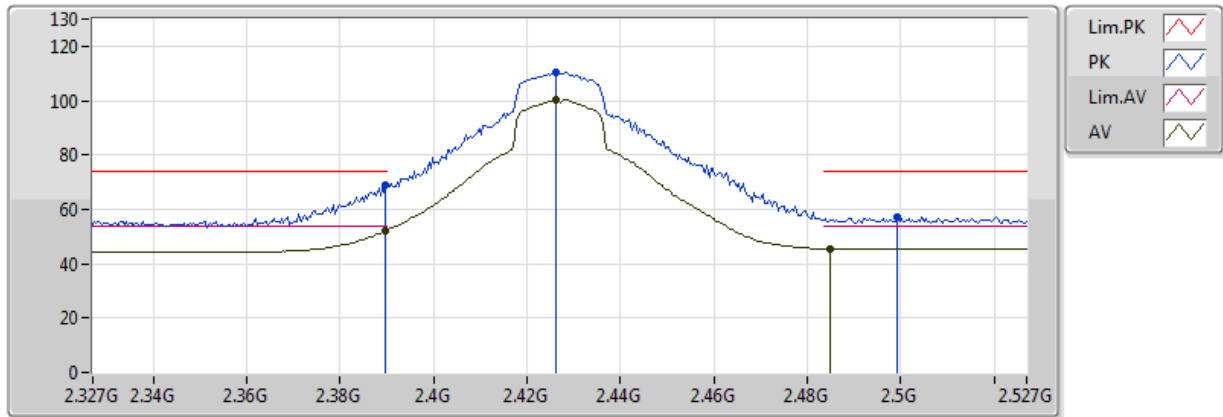


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	51.80	54.00	-2.20	32.28	3	Vertical	269	3.19	-
AV	2.4258G	96.79	Inf	-Inf	32.40	3	Vertical	269	3.19	-
AV	2.4982G	45.31	54.00	-8.69	32.67	3	Vertical	269	3.19	-
PK	2.3894G	67.46	74.00	-6.54	32.27	3	Vertical	269	3.19	-
PK	2.4262G	106.95	Inf	-Inf	32.40	3	Vertical	269	3.19	-
PK	2.4902G	56.94	74.00	-17.06	32.64	3	Vertical	269	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

09/08/2018

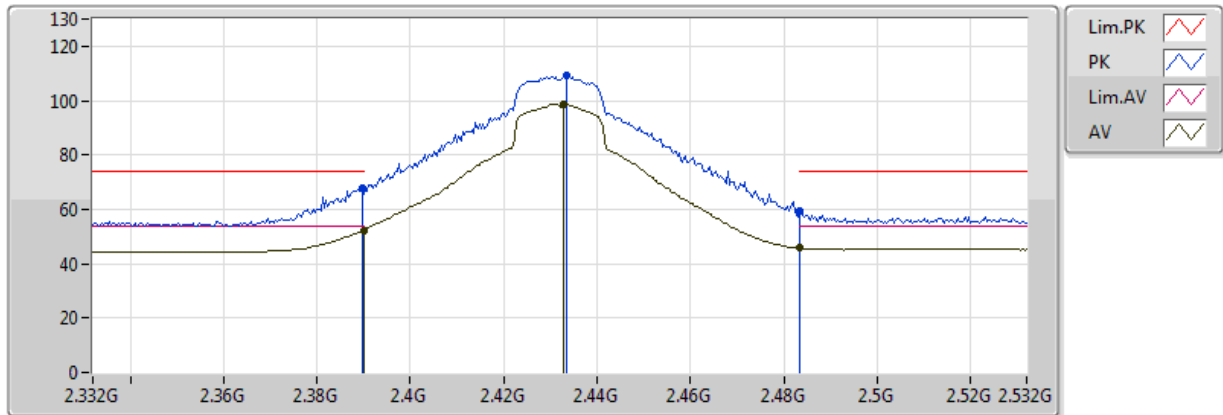


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.14	54.00	-1.86	32.28	3	Horizontal	233	2.78	-
AV	2.4262G	100.22	Inf	-Inf	32.40	3	Horizontal	233	2.78	-
AV	2.485G	45.48	54.00	-8.52	32.61	3	Horizontal	233	2.78	-
PK	2.3898G	68.69	74.00	-5.31	32.28	3	Horizontal	233	2.78	-
PK	2.4262G	110.38	Inf	-Inf	32.40	3	Horizontal	233	2.78	-
PK	2.4994G	57.04	74.00	-16.96	32.67	3	Horizontal	233	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

2432MHz_TX

09/08/2018

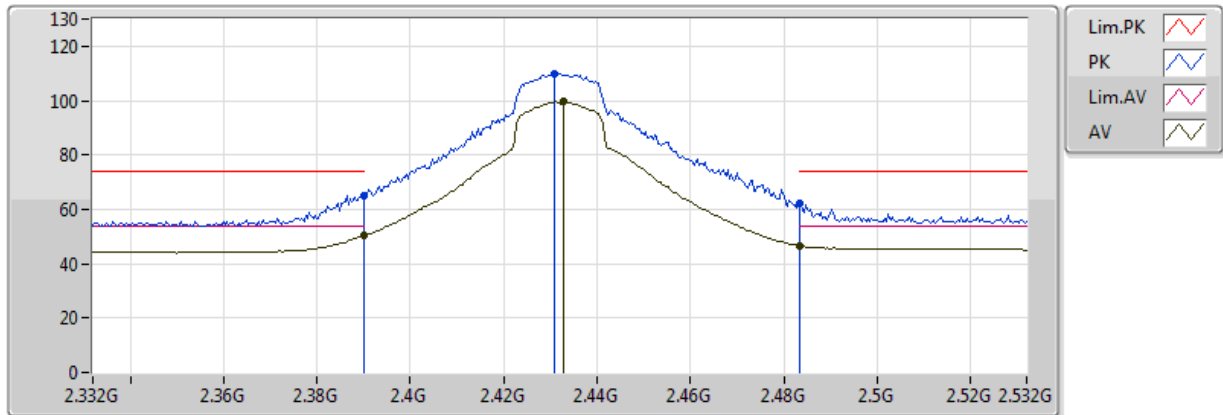


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.34	54.00	-1.66	32.28	3	Vertical	266	3.12	-
AV	2.4328G	98.76	Inf	-Inf	32.43	3	Vertical	266	3.12	-
AV	2.483502G	45.71	54.00	-8.29	32.61	3	Vertical	266	3.12	-
PK	2.3896G	67.68	74.00	-6.32	32.28	3	Vertical	266	3.12	-
PK	2.4336G	109.00	Inf	-Inf	32.43	3	Vertical	266	3.12	-
PK	2.483502G	59.25	74.00	-14.75	32.61	3	Vertical	266	3.12	-

802.11n HT20_Nss1,(MCS0)_1TX

2432MHz_TX

09/08/2018

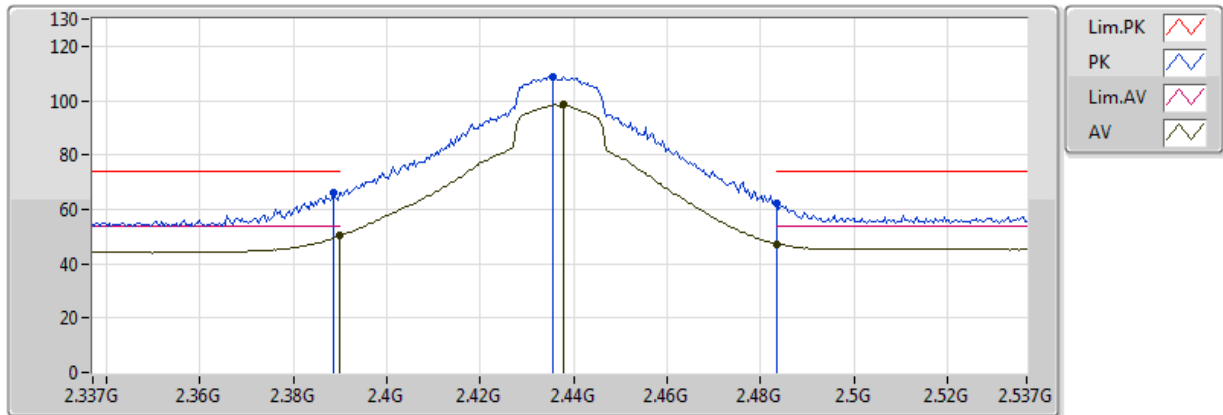


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	50.25	54.00	-3.75	32.28	3	Horizontal	320	2.47	-
AV	2.4328G	99.68	Inf	-Inf	32.43	3	Horizontal	320	2.47	-
AV	2.483502G	46.58	54.00	-7.42	32.61	3	Horizontal	320	2.47	-
PK	2.389998G	65.09	74.00	-8.91	32.28	3	Horizontal	320	2.47	-
PK	2.4308G	109.99	Inf	-Inf	32.42	3	Horizontal	320	2.47	-
PK	2.483502G	61.95	74.00	-12.05	32.61	3	Horizontal	320	2.47	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

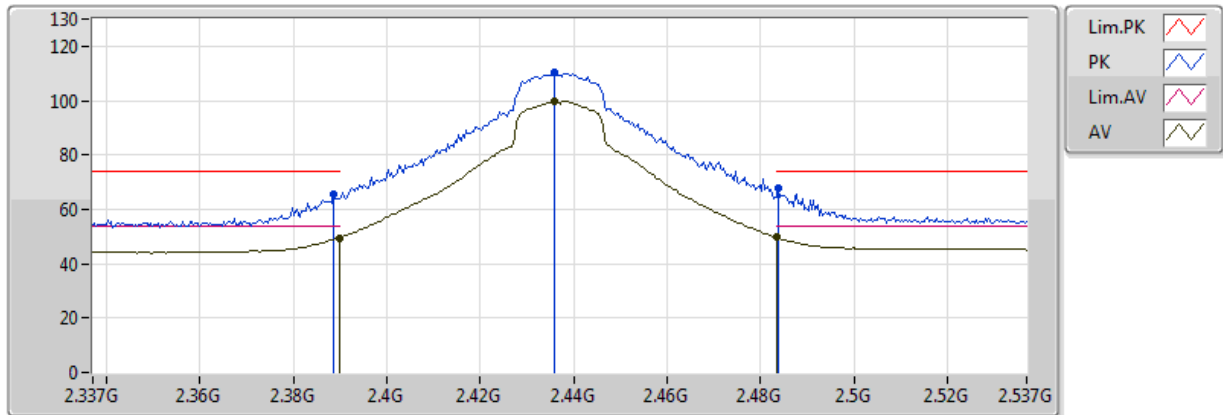


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	50.36	54.00	-3.64	32.28	3	Vertical	265	3.14	-
AV	2.4378G	98.44	Inf	-Inf	32.45	3	Vertical	265	3.14	-
AV	2.483502G	47.32	54.00	-6.68	32.61	3	Vertical	265	3.14	-
PK	2.3886G	66.39	74.00	-7.61	32.27	3	Vertical	265	3.14	-
PK	2.4354G	108.58	Inf	-Inf	32.44	3	Vertical	265	3.14	-
PK	2.483502G	62.47	74.00	-11.53	32.61	3	Vertical	265	3.14	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

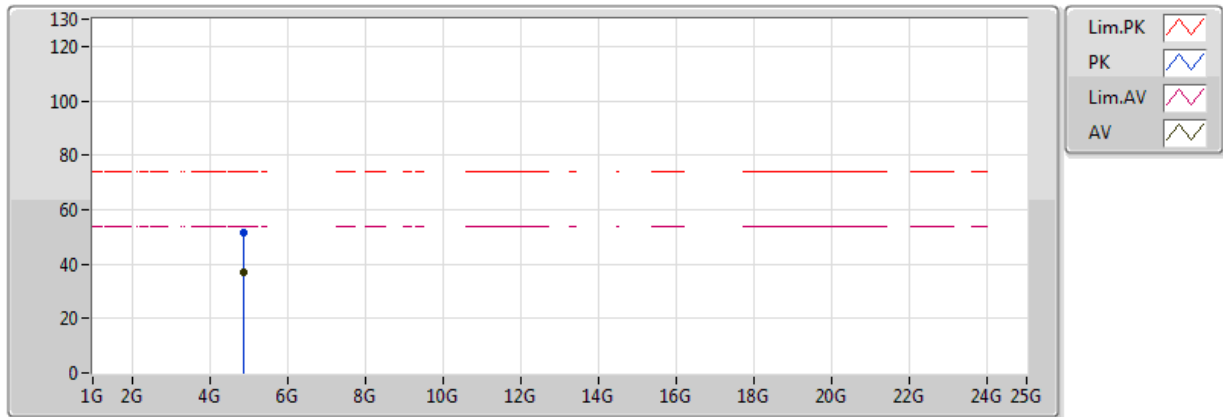


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	49.57	54.00	-4.43	32.28	3	Horizontal	324	2.50	-
AV	2.4358G	99.94	Inf	-Inf	32.44	3	Horizontal	324	2.50	-
AV	2.483502G	49.76	54.00	-4.24	32.61	3	Horizontal	324	2.50	-
PK	2.3886G	65.49	74.00	-8.51	32.27	3	Horizontal	324	2.50	-
PK	2.4358G	110.42	Inf	-Inf	32.44	3	Horizontal	324	2.50	-
PK	2.4838G	67.76	74.00	-6.24	32.61	3	Horizontal	324	2.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

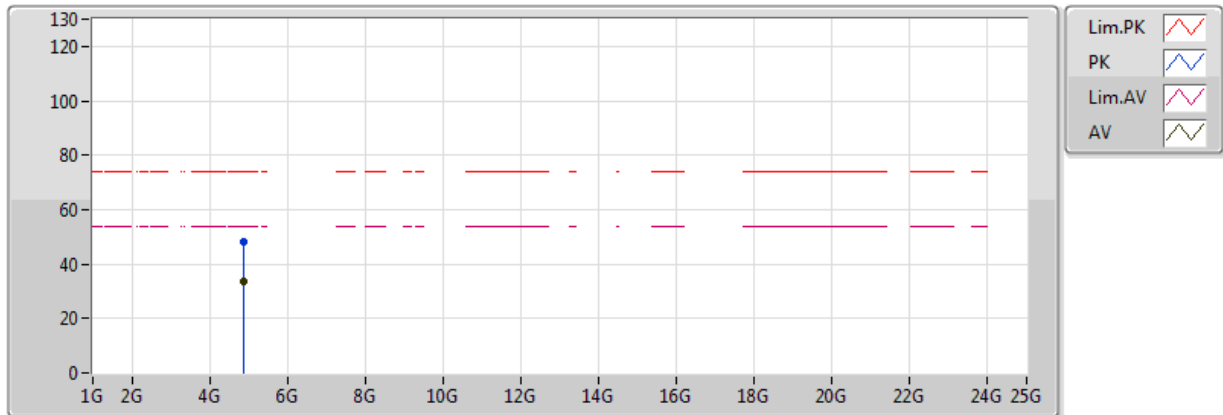


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87322G	37.02	54.00	-16.98	3.14	3	Vertical	304	2.86	-
PK	4.87162G	51.68	74.00	-22.32	3.14	3	Vertical	304	2.86	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

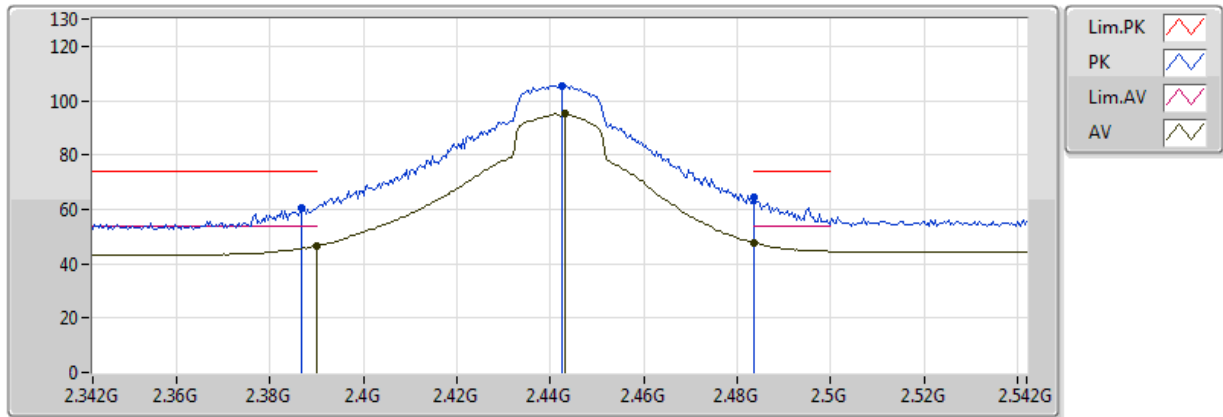


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8734G	33.59	54.00	-20.41	3.14	3	Horizontal	46	2.67	-
PK	4.87514G	48.22	74.00	-25.78	3.15	3	Horizontal	46	2.67	-

802.11n HT20_Nss1,(MCS0)_1TX

2442MHz_TX

09/08/2018

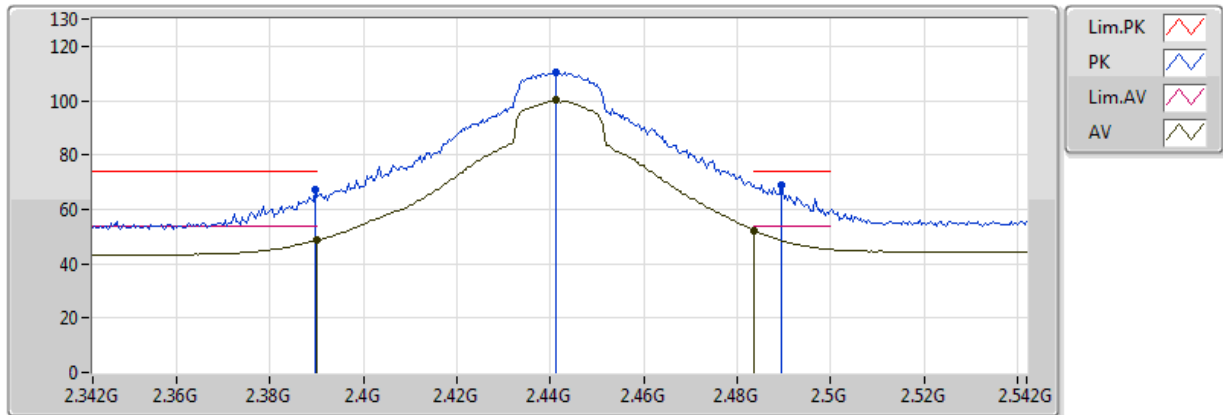


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	46.52	54.00	-7.48	32.28	3	Vertical	286	2.79	-
AV	2.4432G	95.25	Inf	-Inf	32.47	3	Vertical	286	2.79	-
AV	2.483502G	47.52	54.00	-6.48	32.61	3	Vertical	286	2.79	-
PK	2.3868G	60.57	74.00	-13.43	32.26	3	Vertical	286	2.79	-
PK	2.4424G	105.62	Inf	-Inf	32.46	3	Vertical	286	2.79	-
PK	2.483502G	64.45	74.00	-9.55	32.61	3	Vertical	286	2.79	-

802.11n HT20_Nss1,(MCS0)_1TX

2442MHz_TX

09/08/2018

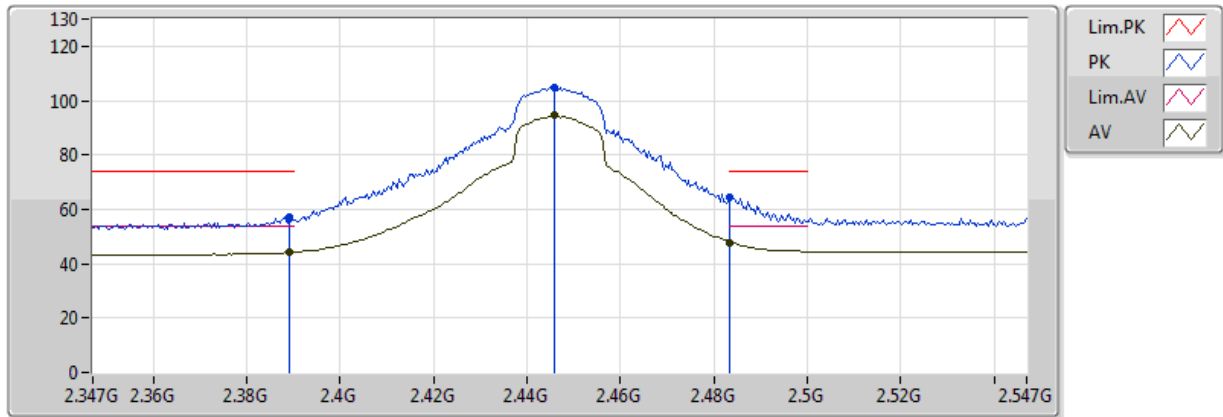


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.60	54.00	-5.40	32.28	3	Horizontal	325	2.48	-
AV	2.4412G	100.04	Inf	-Inf	32.46	3	Horizontal	325	2.48	-
AV	2.483502G	52.34	54.00	-1.66	32.61	3	Horizontal	325	2.48	-
PK	2.3896G	67.32	74.00	-6.68	32.28	3	Horizontal	325	2.48	-
PK	2.4412G	110.44	Inf	-Inf	32.46	3	Horizontal	325	2.48	-
PK	2.4896G	68.94	74.00	-5.06	32.64	3	Horizontal	325	2.48	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

09/08/2018

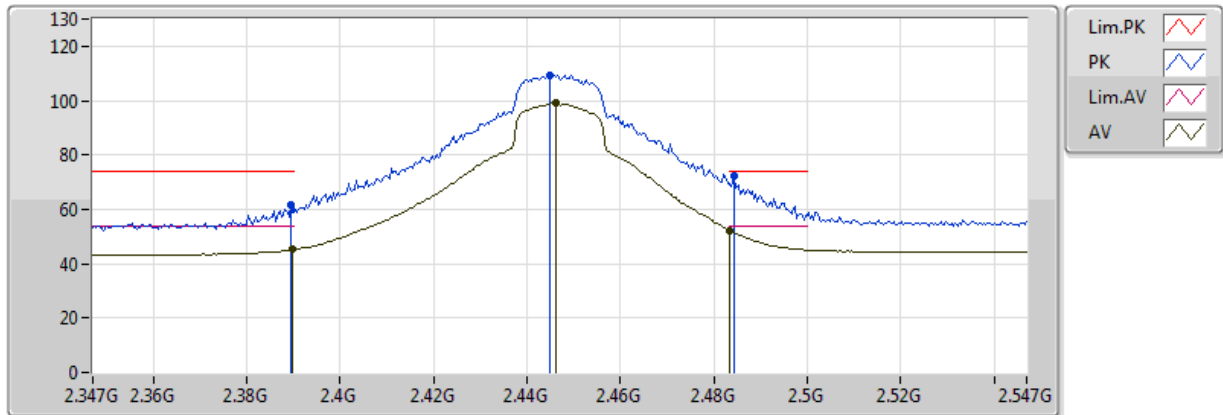


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	44.16	54.00	-9.84	32.27	3	Vertical	287	2.79	-
AV	2.4458G	94.60	Inf	-Inf	32.47	3	Vertical	287	2.79	-
AV	2.483502G	47.90	54.00	-6.10	32.61	3	Vertical	287	2.79	-
PK	2.389G	57.27	74.00	-16.73	32.27	3	Vertical	287	2.79	-
PK	2.4458G	104.96	Inf	-Inf	32.47	3	Vertical	287	2.79	-
PK	2.483502G	64.70	74.00	-9.30	32.61	3	Vertical	287	2.79	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

09/08/2018

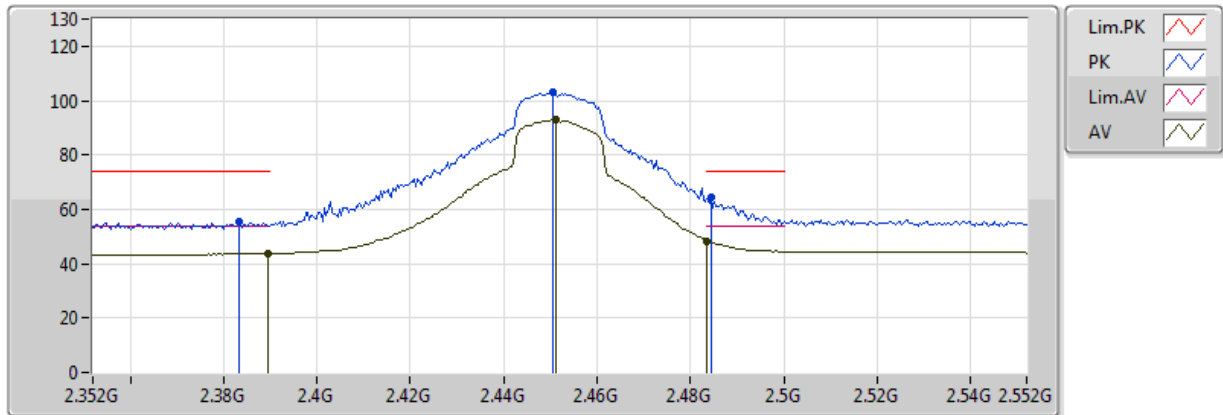


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.18	54.00	-8.82	32.28	3	Horizontal	326	2.50	-
AV	2.4462G	99.11	Inf	-Inf	32.48	3	Horizontal	326	2.50	-
AV	2.483502G	52.21	54.00	-1.79	32.61	3	Horizontal	326	2.50	-
PK	2.3894G	61.55	74.00	-12.45	32.27	3	Horizontal	326	2.50	-
PK	2.445G	109.19	Inf	-Inf	32.47	3	Horizontal	326	2.50	-
PK	2.4842G	72.08	74.00	-1.92	32.61	3	Horizontal	326	2.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

08/08/2018

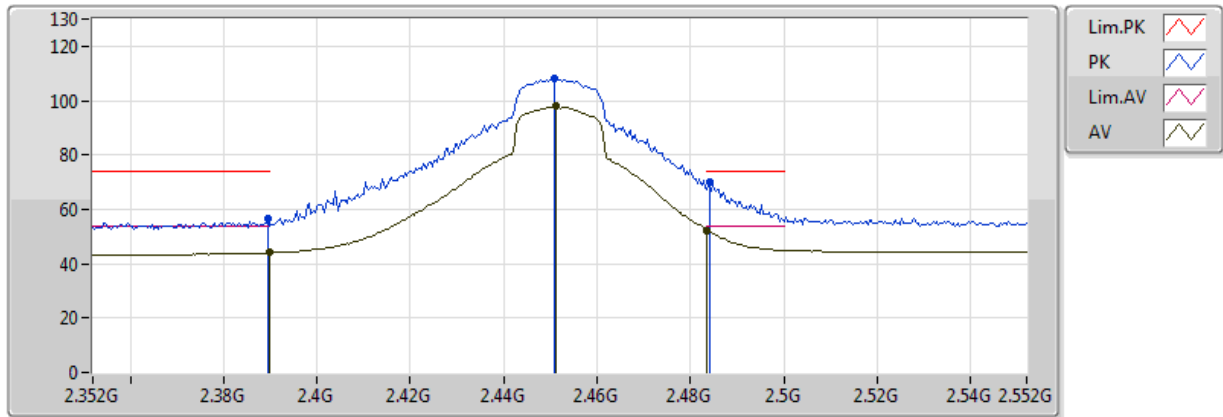


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	43.75	54.00	-10.25	32.28	3	Vertical	291	2.78	-
AV	2.4512G	92.92	Inf	-Inf	32.49	3	Vertical	291	2.78	-
AV	2.483502G	48.40	54.00	-5.60	32.61	3	Vertical	291	2.78	-
PK	2.3832G	55.21	74.00	-18.79	32.25	3	Vertical	291	2.78	-
PK	2.4504G	103.10	Inf	-Inf	32.49	3	Vertical	291	2.78	-
PK	2.4844G	64.34	74.00	-9.66	32.61	3	Vertical	291	2.78	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

08/08/2018

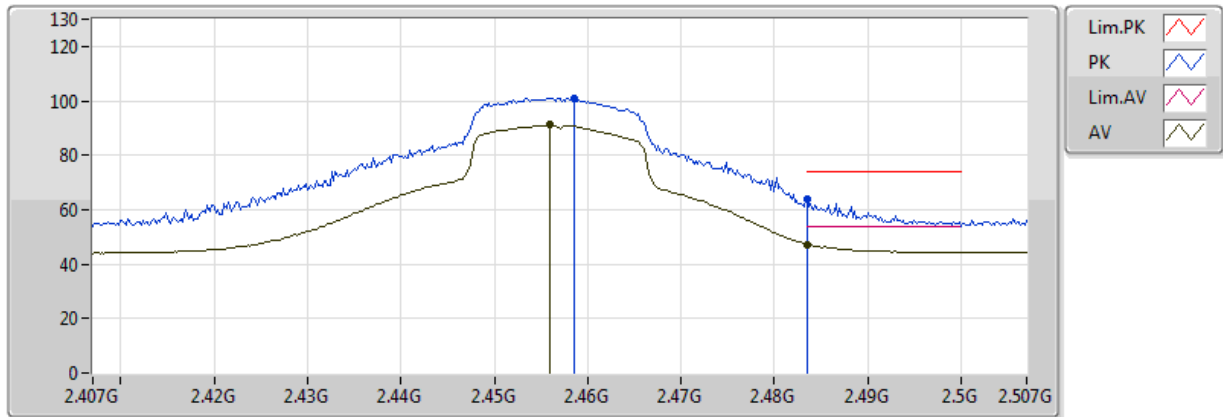


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	44.03	54.00	-9.97	32.28	3	Horizontal	325	2.51	-
AV	2.4512G	97.84	Inf	-Inf	32.49	3	Horizontal	325	2.51	-
AV	2.483502G	52.26	54.00	-1.74	32.61	3	Horizontal	325	2.51	-
PK	2.3896G	56.33	74.00	-17.67	32.28	3	Horizontal	325	2.51	-
PK	2.4508G	107.94	Inf	-Inf	32.49	3	Horizontal	325	2.51	-
PK	2.484G	69.91	74.00	-4.09	32.61	3	Horizontal	325	2.51	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

09/08/2018

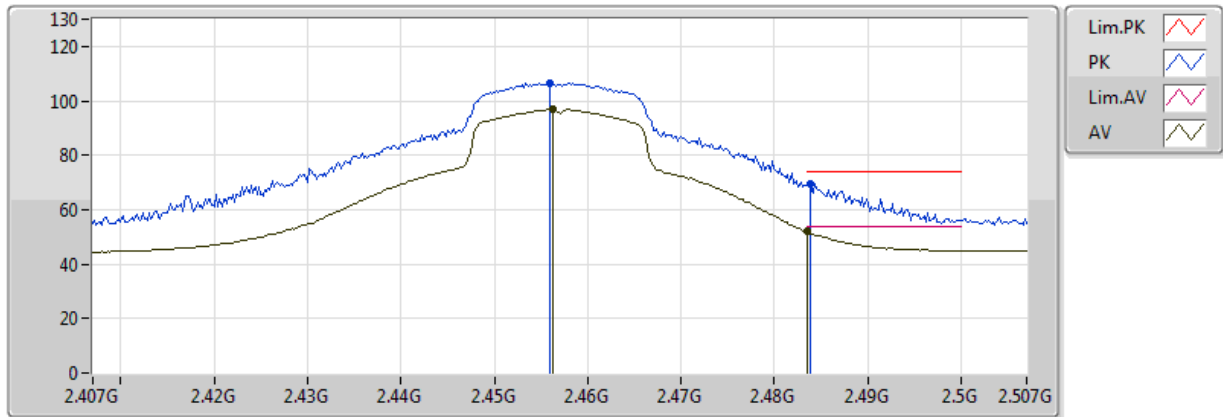


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.456G	91.15	Inf	-Inf	32.51	3	Vertical	288	2.76	-
AV	2.483502G	47.34	54.00	-6.66	32.61	3	Vertical	288	2.76	-
PK	2.4586G	101.01	Inf	-Inf	32.52	3	Vertical	288	2.76	-
PK	2.483502G	63.63	74.00	-10.37	32.61	3	Vertical	288	2.76	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

09/08/2018

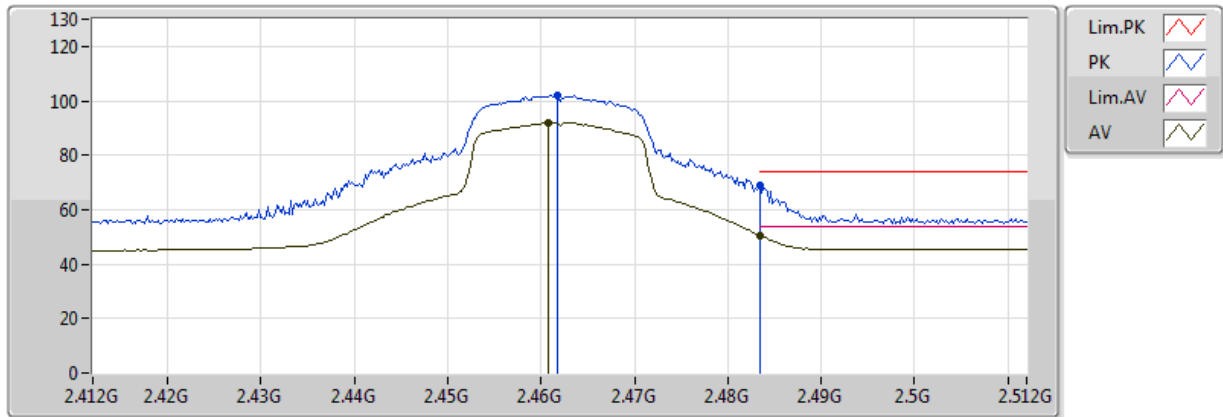


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4562G	96.83	Inf	-Inf	32.51	3	Horizontal	325	2.77	-
AV	2.483502G	51.90	54.00	-2.10	32.61	3	Horizontal	325	2.77	-
PK	2.456G	106.53	Inf	-Inf	32.51	3	Horizontal	325	2.77	-
PK	2.4838G	69.66	74.00	-4.34	32.61	3	Horizontal	325	2.77	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

09/08/2018

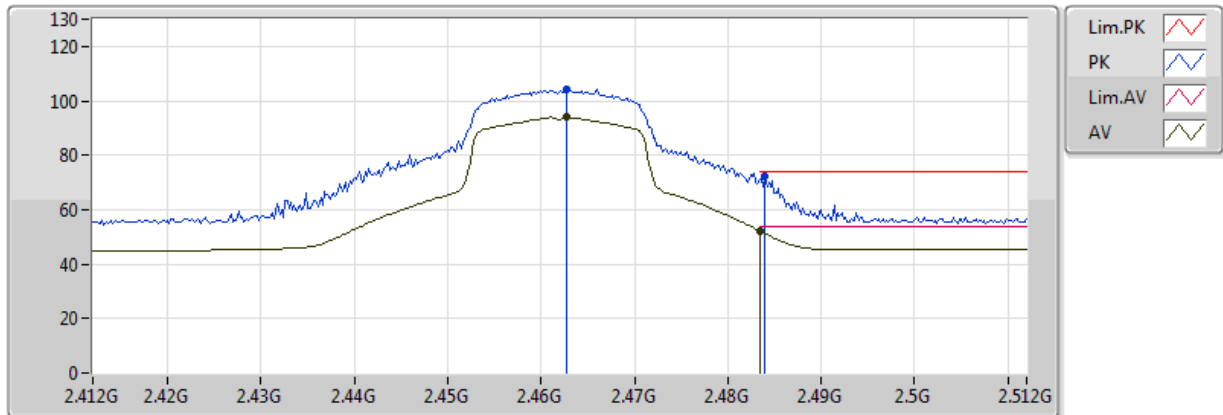


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4608G	92.16	Inf	-Inf	32.53	3	Vertical	264	3.05	-
AV	2.483502G	50.66	54.00	-3.34	32.61	3	Vertical	264	3.05	-
PK	2.4618G	101.95	Inf	-Inf	32.53	3	Vertical	264	3.05	-
PK	2.483502G	68.66	74.00	-5.34	32.61	3	Vertical	264	3.05	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

09/08/2018

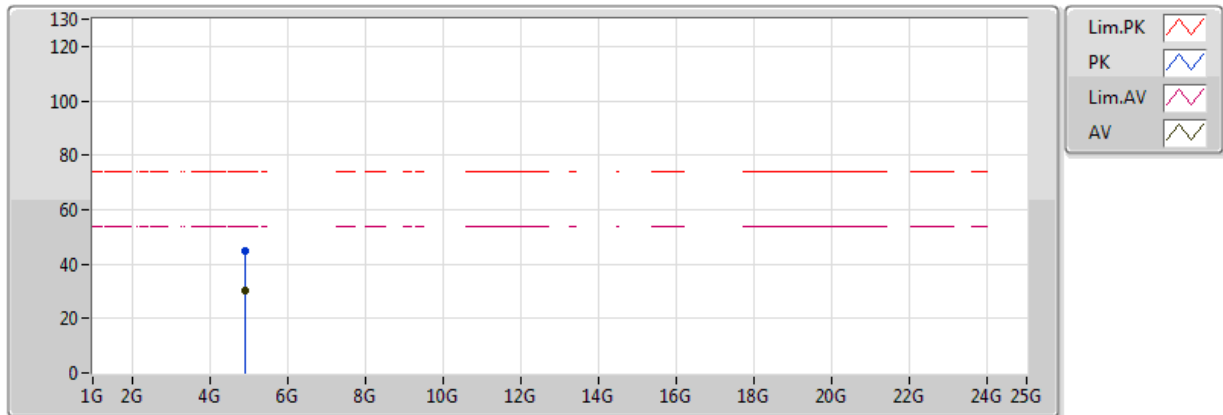


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4628G	93.89	Inf	-Inf	32.54	3	Horizontal	50	1.14	-
AV	2.483502G	52.15	54.00	-1.85	32.61	3	Horizontal	50	1.14	-
PK	2.4628G	104.12	Inf	-Inf	32.54	3	Horizontal	50	1.14	-
PK	2.484G	72.32	74.00	-1.68	32.61	3	Horizontal	50	1.14	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

09/08/2018

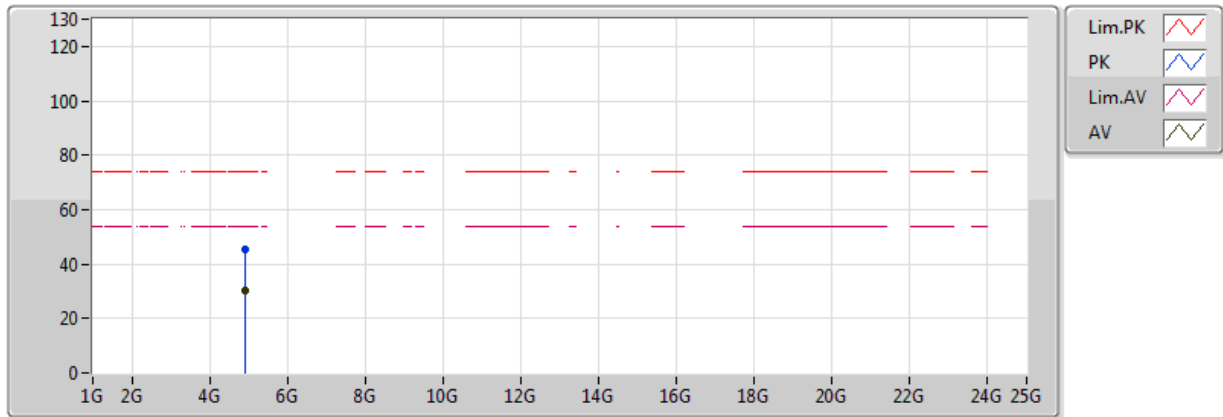


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92477G	30.26	54.00	-23.74	3.25	3	Vertical	0	1.90	-
PK	4.92209G	44.74	74.00	-29.26	3.25	3	Vertical	0	1.90	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

09/08/2018

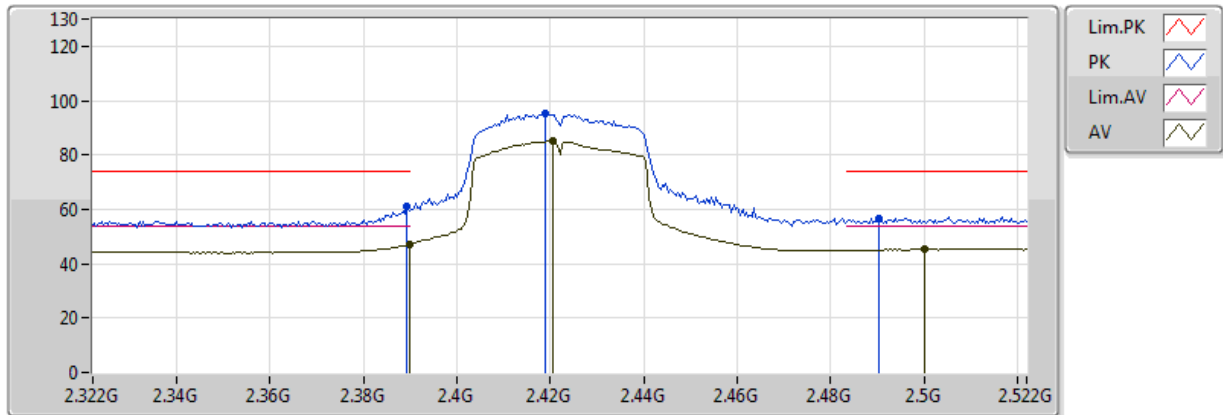


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92611G	30.23	54.00	-23.77	3.25	3	Horizontal	312	1.58	-
PK	4.92336G	45.18	74.00	-28.82	3.25	3	Horizontal	312	1.58	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

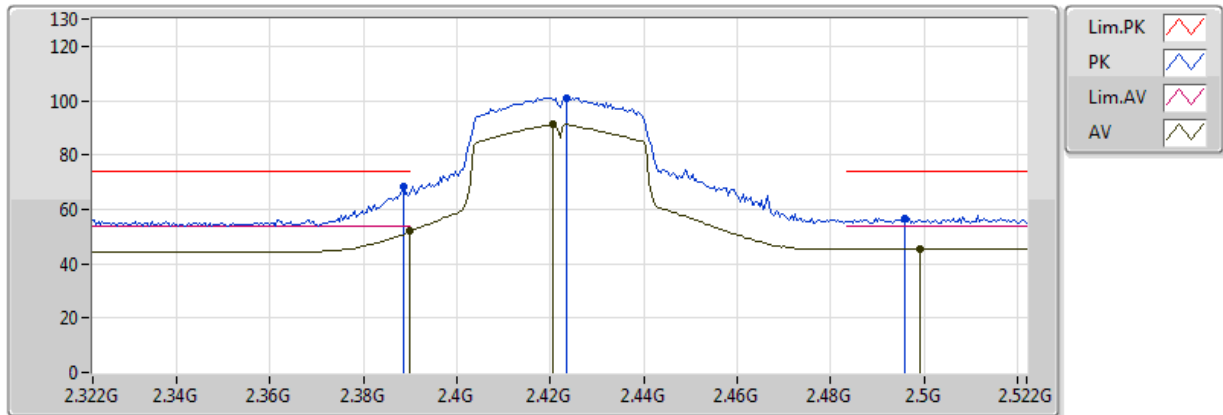


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.34	54.00	-6.66	32.28	3	Vertical	91	3.16	-
AV	2.4204G	85.15	Inf	-Inf	32.38	3	Vertical	91	3.16	-
AV	2.499998G	45.23	54.00	-8.77	32.67	3	Vertical	91	3.16	-
PK	2.3892G	61.07	74.00	-12.93	32.27	3	Vertical	91	3.16	-
PK	2.4188G	95.01	Inf	-Inf	32.38	3	Vertical	91	3.16	-
PK	2.4904G	56.53	74.00	-17.47	32.64	3	Vertical	91	3.16	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

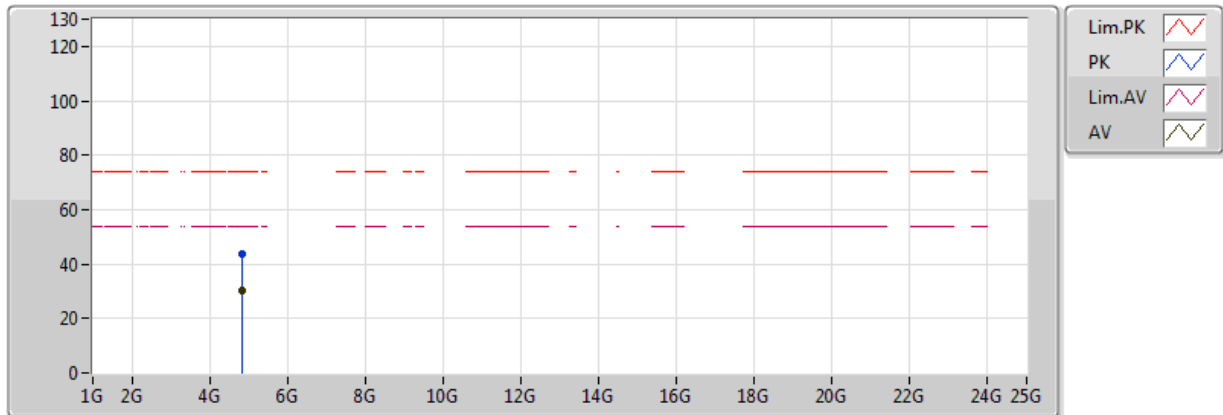


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	51.84	54.00	-2.16	32.28	3	Horizontal	228	1.54	-
AV	2.4204G	91.17	Inf	-Inf	32.38	3	Horizontal	228	1.54	-
AV	2.4992G	45.46	54.00	-8.54	32.67	3	Horizontal	228	1.54	-
PK	2.3884G	68.35	74.00	-5.65	32.27	3	Horizontal	228	1.54	-
PK	2.4236G	101.05	Inf	-Inf	32.39	3	Horizontal	228	1.54	-
PK	2.496G	56.57	74.00	-17.43	32.66	3	Horizontal	228	1.54	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

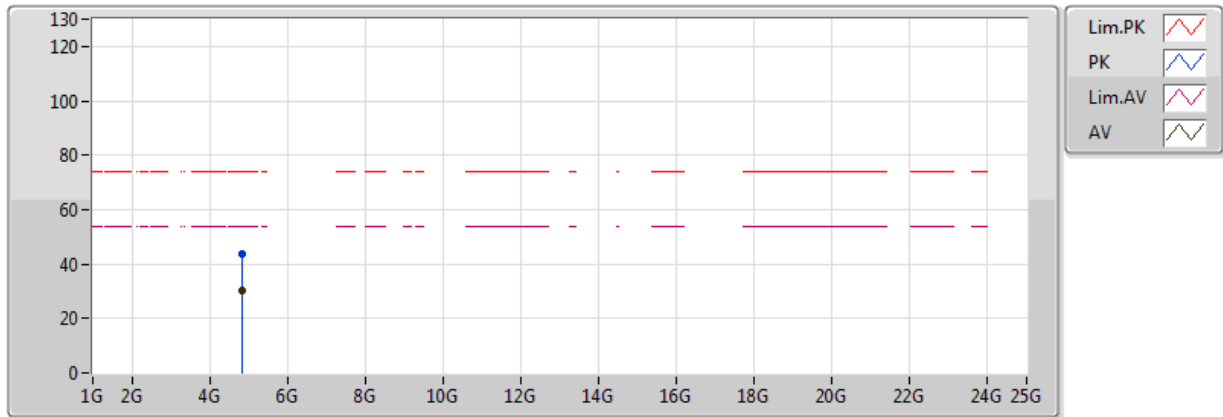


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84235G	30.15	54.00	-23.85	3.07	3	Vertical	318	1.48	-
PK	4.84575G	43.85	74.00	-30.15	3.08	3	Vertical	318	1.48	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

09/08/2018

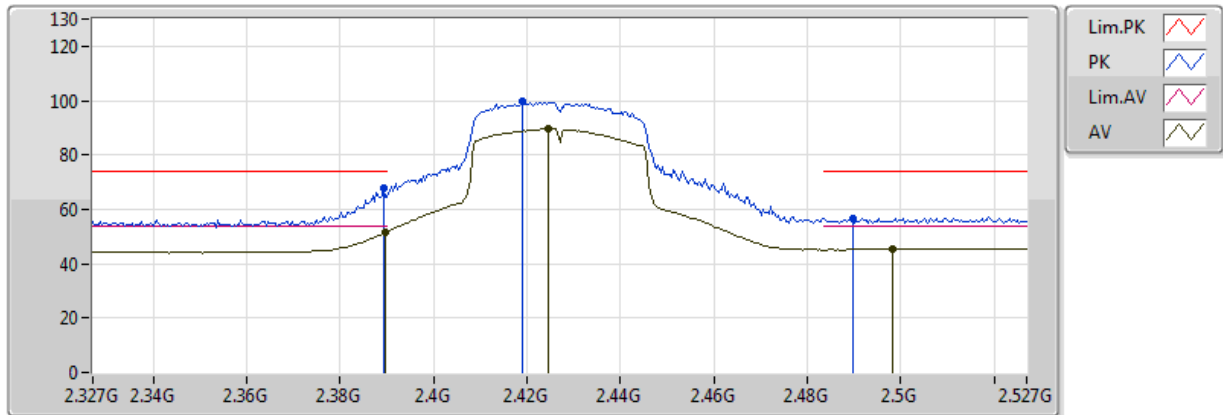


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8443G	30.13	54.00	-23.87	3.08	3	Horizontal	274	1.53	-
PK	4.8455G	43.54	74.00	-30.46	3.08	3	Horizontal	274	1.53	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

09/08/2018

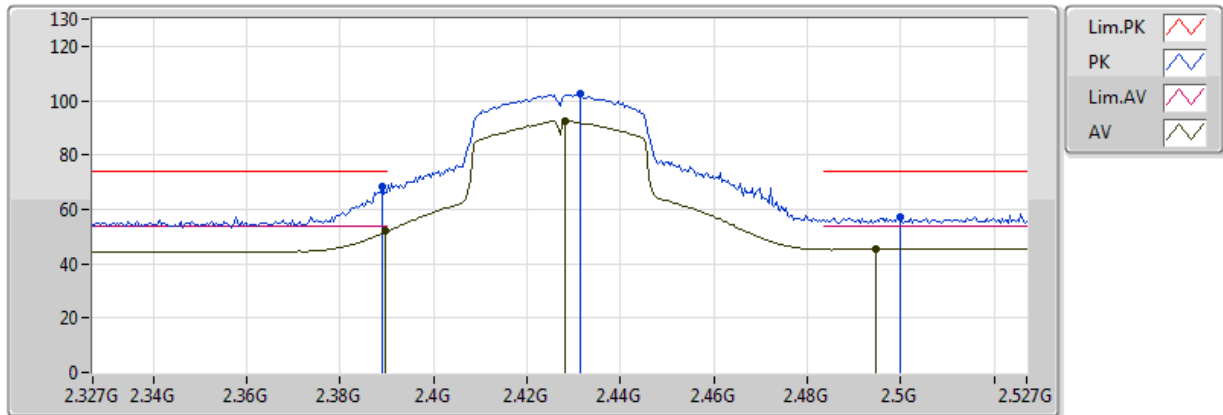


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	51.46	54.00	-2.54	32.28	3	Vertical	267	3.19	-
AV	2.4246G	89.69	Inf	-Inf	32.40	3	Vertical	267	3.19	-
AV	2.4982G	45.39	54.00	-8.61	32.67	3	Vertical	267	3.19	-
PK	2.3894G	67.87	74.00	-6.13	32.27	3	Vertical	267	3.19	-
PK	2.419G	99.54	Inf	-Inf	32.38	3	Vertical	267	3.19	-
PK	2.4898G	56.62	74.00	-17.38	32.64	3	Vertical	267	3.19	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

09/08/2018

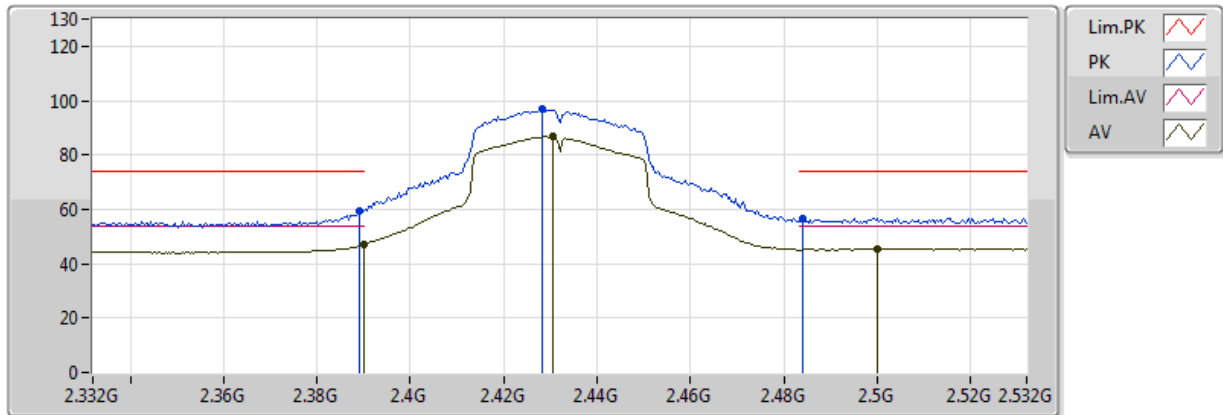


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	51.95	54.00	-2.05	32.28	3	Horizontal	229	2.81	-
AV	2.4282G	92.45	Inf	-Inf	32.41	3	Horizontal	229	2.81	-
AV	2.4946G	45.45	54.00	-8.55	32.65	3	Horizontal	229	2.81	-
PK	2.389G	68.23	74.00	-5.77	32.27	3	Horizontal	229	2.81	-
PK	2.4314G	102.47	Inf	-Inf	32.42	3	Horizontal	229	2.81	-
PK	2.4998G	57.05	74.00	-16.95	32.67	3	Horizontal	229	2.81	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

09/08/2018

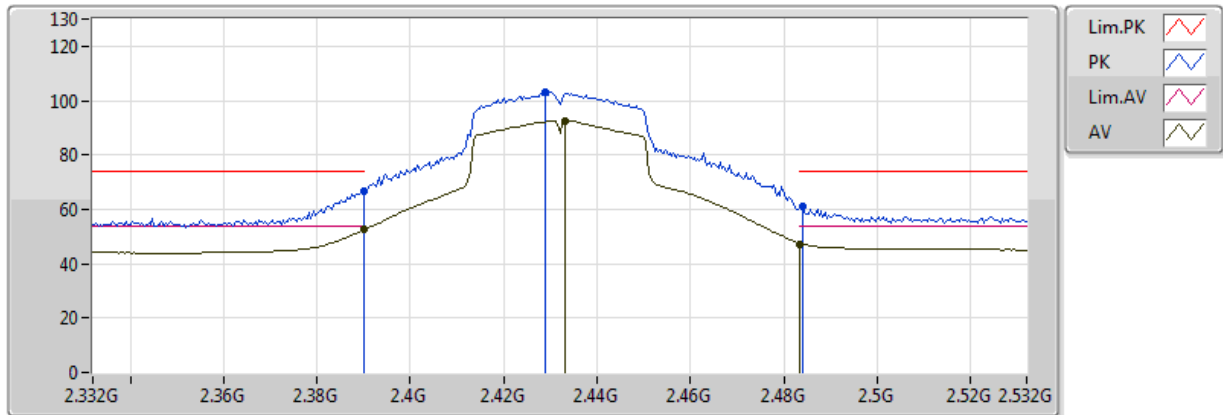


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.12	54.00	-6.88	32.28	3	Vertical	317	2.77	-
AV	2.4304G	86.86	Inf	-Inf	32.42	3	Vertical	317	2.77	-
AV	2.499998G	45.37	54.00	-8.63	32.67	3	Vertical	317	2.77	-
PK	2.3892G	59.57	74.00	-14.43	32.27	3	Vertical	317	2.77	-
PK	2.4284G	96.68	Inf	-Inf	32.41	3	Vertical	317	2.77	-
PK	2.484G	56.74	74.00	-17.26	32.61	3	Vertical	317	2.77	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

09/08/2018

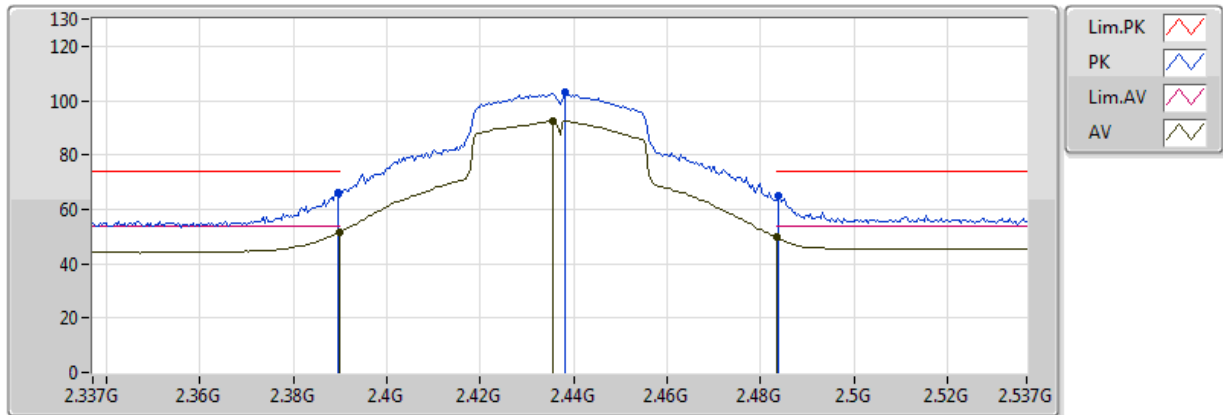


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.47	54.00	-1.53	32.28	3	Horizontal	50	1.50	-
AV	2.4332G	92.66	Inf	-Inf	32.43	3	Horizontal	50	1.50	-
AV	2.483502G	47.32	54.00	-6.68	32.61	3	Horizontal	50	1.50	-
PK	2.389998G	66.49	74.00	-7.51	32.28	3	Horizontal	50	1.50	-
PK	2.4288G	102.92	Inf	-Inf	32.41	3	Horizontal	50	1.50	-
PK	2.484G	60.92	74.00	-13.08	32.61	3	Horizontal	50	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

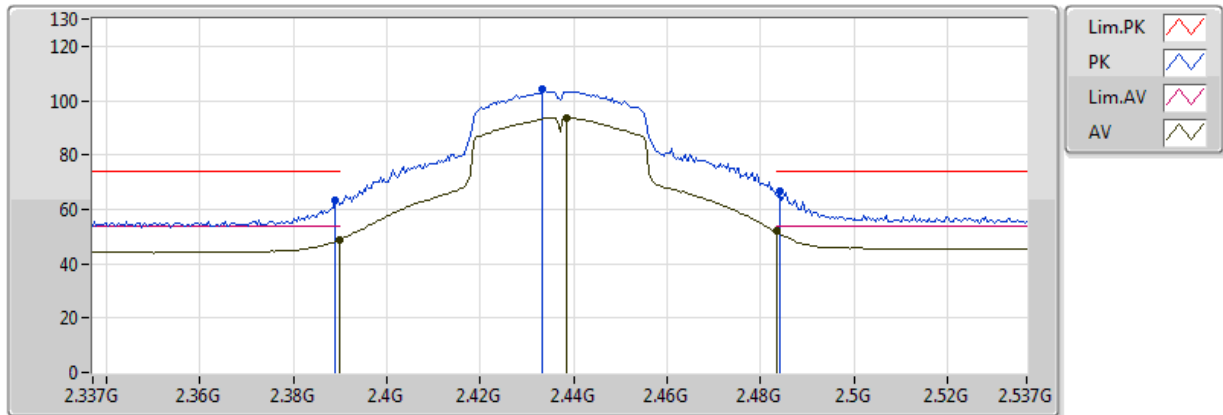


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.72	54.00	-2.28	32.28	3	Vertical	267	3.13	-
AV	2.4354G	92.60	Inf	-Inf	32.44	3	Vertical	267	3.13	-
AV	2.483502G	49.66	54.00	-4.34	32.61	3	Vertical	267	3.13	-
PK	2.3894G	65.85	74.00	-8.15	32.27	3	Vertical	267	3.13	-
PK	2.4382G	103.02	Inf	-Inf	32.45	3	Vertical	267	3.13	-
PK	2.4838G	65.05	74.00	-8.95	32.61	3	Vertical	267	3.13	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

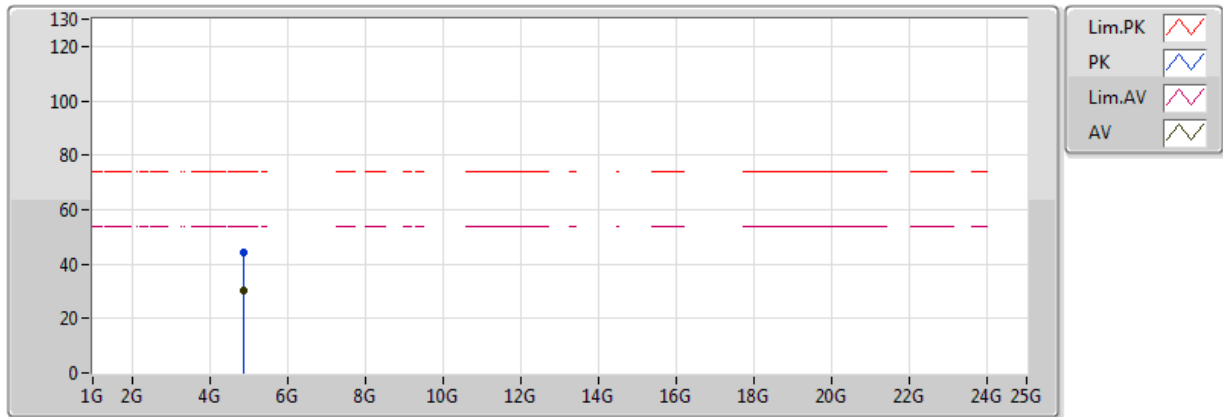


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.72	54.00	-5.28	32.28	3	Horizontal	320	2.49	-
AV	2.4386G	93.81	Inf	-Inf	32.45	3	Horizontal	320	2.49	-
AV	2.483502G	51.85	54.00	-2.15	32.61	3	Horizontal	320	2.49	-
PK	2.389G	63.32	74.00	-10.68	32.27	3	Horizontal	320	2.49	-
PK	2.4334G	104.21	Inf	-Inf	32.43	3	Horizontal	320	2.49	-
PK	2.4842G	66.94	74.00	-7.06	32.61	3	Horizontal	320	2.49	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

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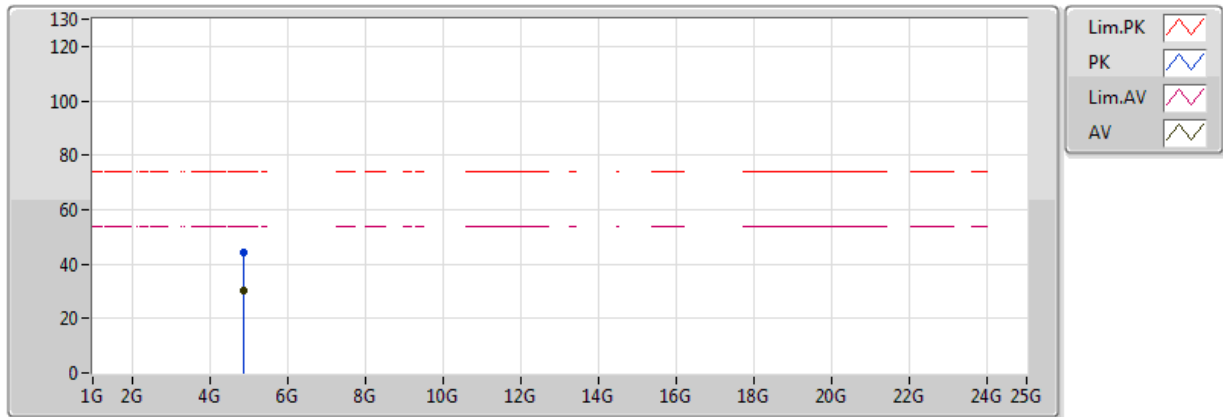


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87207G	30.26	54.00	-23.74	3.14	3	Vertical	282	1.50	-
PK	4.87608G	44.28	74.00	-29.72	3.15	3	Vertical	282	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

09/08/2018

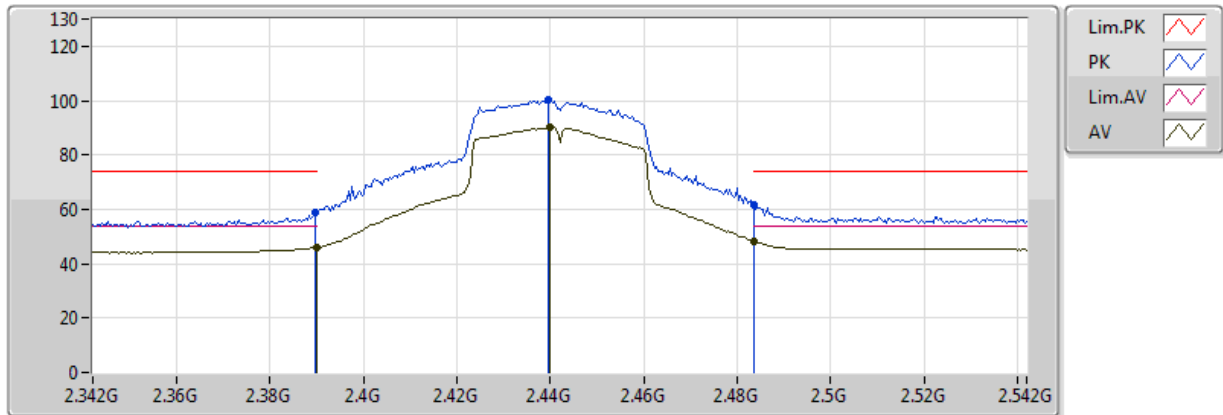


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8726G	30.13	54.00	-23.87	3.14	3	Horizontal	241	1.50	-
PK	4.87181G	44.25	74.00	-29.75	3.14	3	Horizontal	241	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

09/08/2018

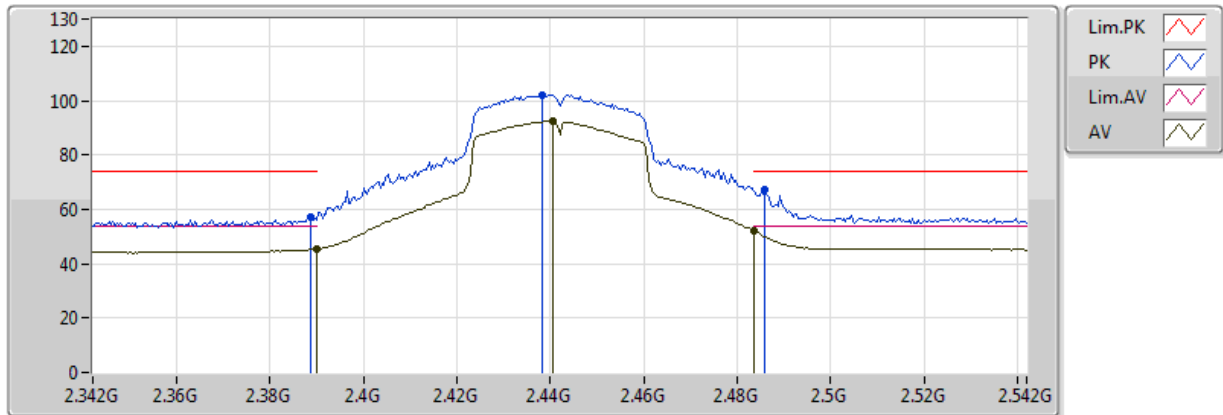


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.86	54.00	-8.14	32.28	3	Vertical	267	3.15	-
AV	2.44G	90.10	Inf	-Inf	32.45	3	Vertical	267	3.15	-
AV	2.483502G	48.05	54.00	-5.95	32.61	3	Vertical	267	3.15	-
PK	2.3896G	58.62	74.00	-15.38	32.28	3	Vertical	267	3.15	-
PK	2.4396G	100.19	Inf	-Inf	32.45	3	Vertical	267	3.15	-
PK	2.483502G	61.42	74.00	-12.58	32.61	3	Vertical	267	3.15	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

09/08/2018

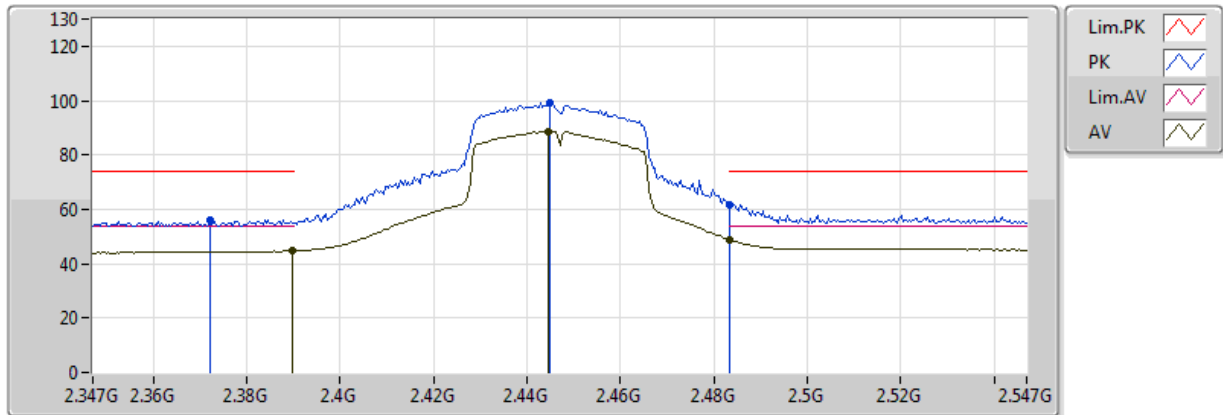


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.51	54.00	-8.49	32.28	3	Horizontal	322	2.48	-
AV	2.4404G	92.45	Inf	-Inf	32.46	3	Horizontal	322	2.48	-
AV	2.483502G	51.98	54.00	-2.02	32.61	3	Horizontal	322	2.48	-
PK	2.3888G	56.99	74.00	-17.01	32.27	3	Horizontal	322	2.48	-
PK	2.4384G	102.10	Inf	-Inf	32.45	3	Horizontal	322	2.48	-
PK	2.486G	67.34	74.00	-6.66	32.62	3	Horizontal	322	2.48	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

09/08/2018

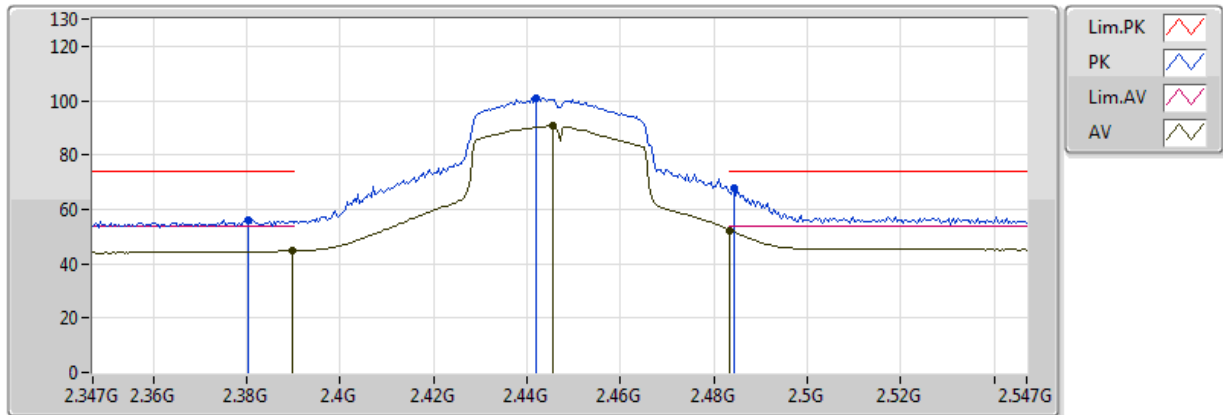


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.73	54.00	-9.27	32.28	3	Vertical	265	3.13	-
AV	2.4446G	88.80	Inf	-Inf	32.47	3	Vertical	265	3.13	-
AV	2.483502G	48.98	54.00	-5.02	32.61	3	Vertical	265	3.13	-
PK	2.3722G	56.22	74.00	-17.78	32.21	3	Vertical	265	3.13	-
PK	2.445G	99.05	Inf	-Inf	32.47	3	Vertical	265	3.13	-
PK	2.483502G	61.84	74.00	-12.16	32.61	3	Vertical	265	3.13	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

09/08/2018

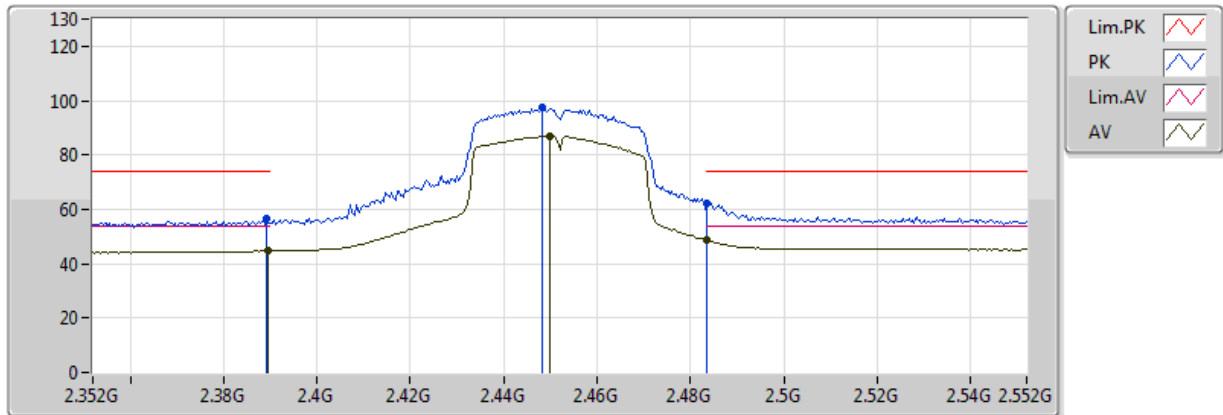


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.72	54.00	-9.28	32.28	3	Horizontal	322	2.50	-
AV	2.4454G	90.70	Inf	-Inf	32.47	3	Horizontal	322	2.50	-
AV	2.483502G	52.39	54.00	-1.61	32.61	3	Horizontal	322	2.50	-
PK	2.3802G	55.85	74.00	-18.15	32.24	3	Horizontal	322	2.50	-
PK	2.4418G	101.02	Inf	-Inf	32.46	3	Horizontal	322	2.50	-
PK	2.4842G	67.66	74.00	-6.34	32.61	3	Horizontal	322	2.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

09/08/2018

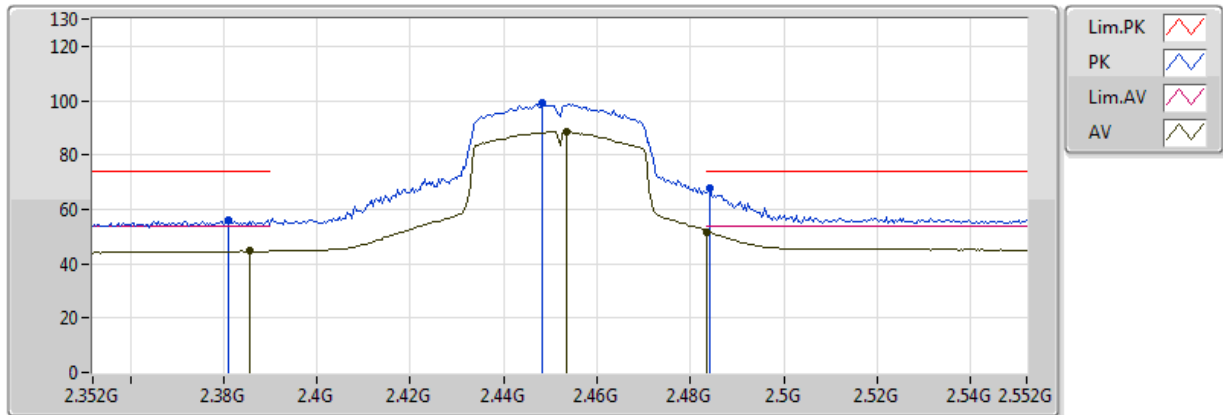


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	44.70	54.00	-9.30	32.28	3	Vertical	265	3.12	-
AV	2.45G	86.97	Inf	-Inf	32.49	3	Vertical	265	3.12	-
AV	2.483502G	48.52	54.00	-5.48	32.61	3	Vertical	265	3.12	-
PK	2.3892G	56.48	74.00	-17.52	32.27	3	Vertical	265	3.12	-
PK	2.4484G	97.60	Inf	-Inf	32.48	3	Vertical	265	3.12	-
PK	2.483502G	62.29	74.00	-11.71	32.61	3	Vertical	265	3.12	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

09/08/2018

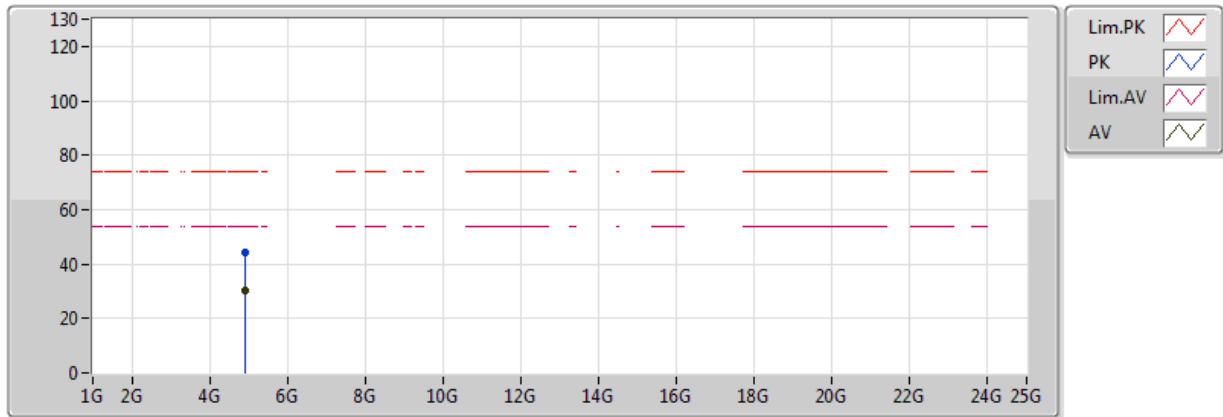


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3856G	44.63	54.00	-9.37	32.26	3	Horizontal	327	2.77	-
AV	2.4536G	88.67	Inf	-Inf	32.50	3	Horizontal	327	2.77	-
AV	2.483502G	51.59	54.00	-2.41	32.61	3	Horizontal	327	2.77	-
PK	2.3812G	56.19	74.00	-17.81	32.24	3	Horizontal	327	2.77	-
PK	2.4484G	99.07	Inf	-Inf	32.48	3	Horizontal	327	2.77	-
PK	2.484G	67.61	74.00	-6.39	32.61	3	Horizontal	327	2.77	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

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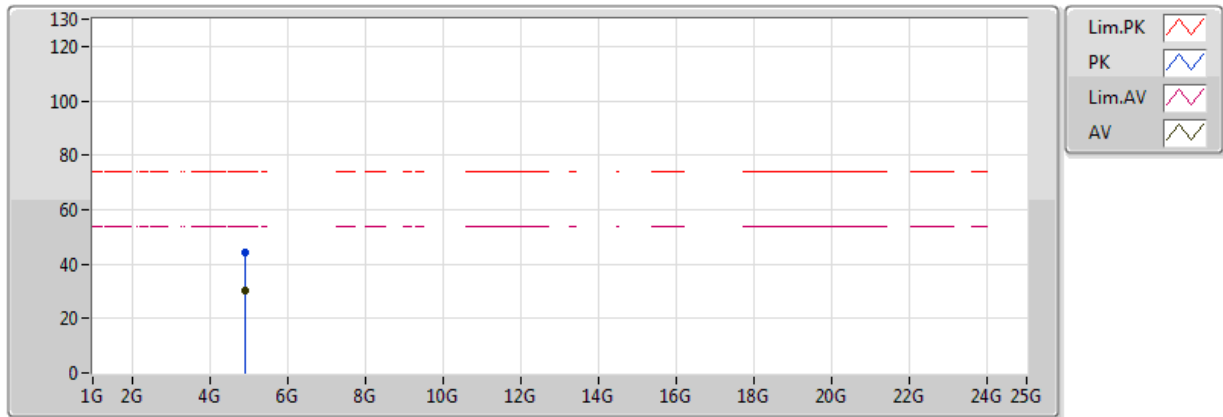


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9061G	30.31	54.00	-23.69	3.21	3	Vertical	360	1.48	-
PK	4.90386G	44.04	74.00	-29.96	3.21	3	Vertical	360	1.48	-

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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90429G	30.24	54.00	-23.76	3.21	3	Horizontal	212	1.74	-
PK	4.90487G	44.14	74.00	-29.86	3.21	3	Horizontal	212	1.74	-