

FCC Test Report

FCC ID : UDX-60070010
Equipment : Network Camera
Brand Name : Cisco Systems, Inc.
Model Name : MV22-HW
Applicant /
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive San Jose, CA.
95134 USA
Standard : 47 CFR FCC Part 15.247

The product was received on May 11, 2018, and testing was started from May 16, 2018 and completed on May 22, 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
FR851622AC	01	Initial issue of report	Jul. 19, 2018

Summary of Test Result

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

Reviewed by: Jeremy Lin

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
1	ARISTOTLE	RFA-25-AP609-DB1	PIFA Antenna	I-PEX
2	ARISTOTLE	RFA-25-AP609-DB2	Dipole Antenna	I-PEX

Ant.	Gain (dBi)		
	2.4G	5G	BT
1	-1.27	-1.07	-1.27
2	-1.12	-1.29	-

For 2.4 GHz function:

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

The EUT support diversity function, Ant. 1 or Ant. 2 can be used as transmitting/receiving antenna.

For 5 GHz function:

For IEEE 802.11a/n mode (1TX/1RX)

The EUT support diversity function, Ant. 1 or Ant. 2 can be used as transmitting/receiving antenna.

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 1 can be used as transmitting/receiving antenna.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.974	0.114	8.226m	300
802.11g	0.87	0.605	1.365m	1k
802.11n HT20	0.852	0.696	1.277m	1k
802.11n HT40	0.73	1.367	637.5u	3k

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	TH06-HY	Tim	25.5°C / 63%	16/May/2018
Radiated (Mode 1)	03CH09-HY	Jerry	24.5°C / 55%	22/May/2018
Radiated (Mode 2)	03CH09-HY	Jerry	24.5°C / 60%	22/May/2018
AC Conduction	CO04-HY	Daniel	23.8°C / 53%	16/May/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	120V

2.2 Test Channel Mode

Test Software Version	QRCT V3.0.210.0
-----------------------	-----------------

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	21
2437MHz	21
2462MHz	21
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	18.5
2417MHz	19
2422MHz	20.5
2427MHz	21
2437MHz	21
2447MHz	21
2452MHz	20
2457MHz	18.5
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	18
2417MHz	18.5
2422MHz	19.5
2427MHz	21
2437MHz	21
2447MHz	21
2452MHz	19.5
2457MHz	18
2462MHz	16.5
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	16.5



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Mode	PowerSetting
2427MHz	17.5
2432MHz	18.5
2437MHz	18.5
2442MHz	18
2447MHz	17
2452MHz	17

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	PoE mode – PIFA antenna
2	PoE mode – Dipole antenna

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
Higher gain antenna was used to perform the worst configuration and result of that was recorded as the final test result.	

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	PoE mode – PIFA antenna		
2	PoE mode – Dipole antenna		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V (Mode 1)	V (Mode 2)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	Normal Link
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA851622 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

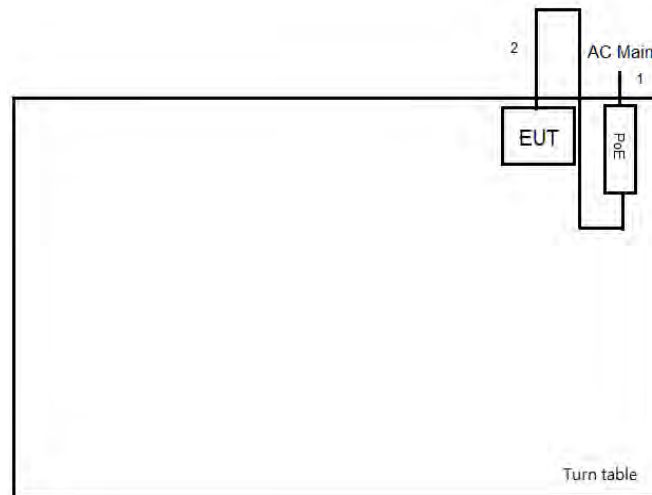
Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	-
2	Adapter for NB	DELL	HA65NM130	-
3	AC Source	GW	APS-9102	-

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE (remote)	CISCO	MA-INJ-4	-

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE	CISCO	MA-INJ-4	-

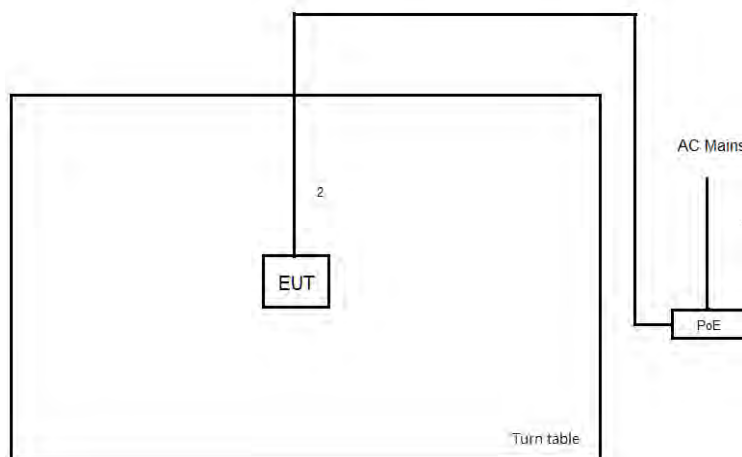
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1	-
2	RJ45 Cable	No	10	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1	-
2	RJ45 Cable	No	10	-

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.

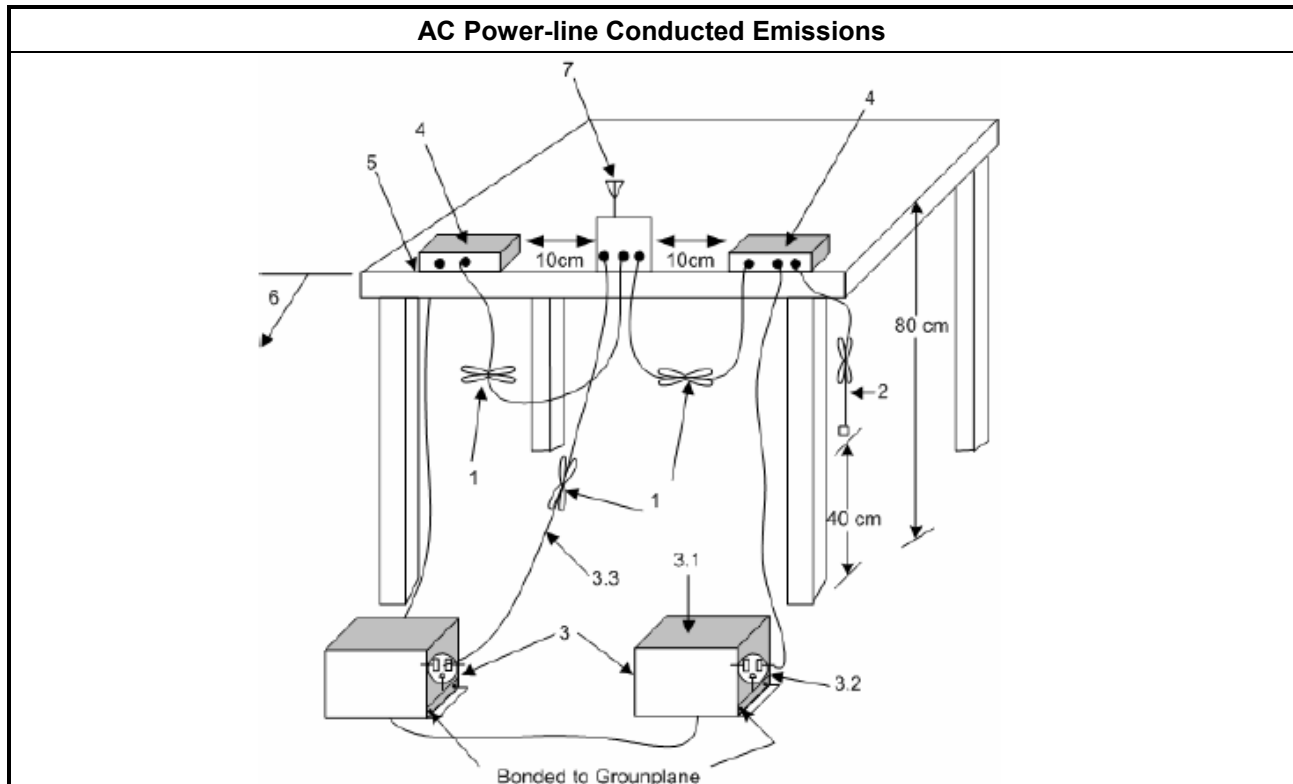
3.1.2 Measuring Instruments

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.

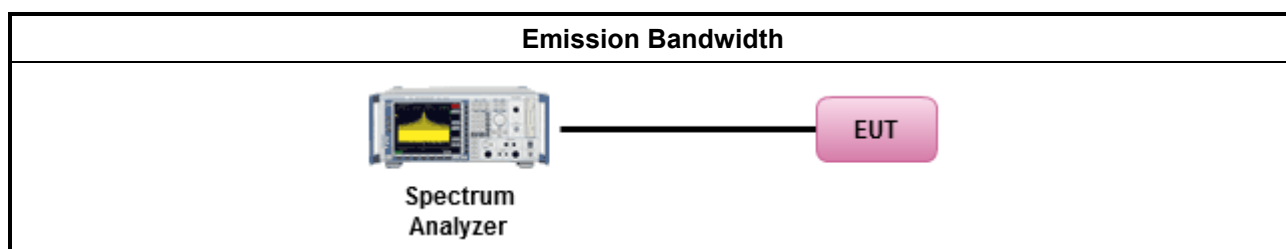
3.2.2 Measuring Instruments

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.		

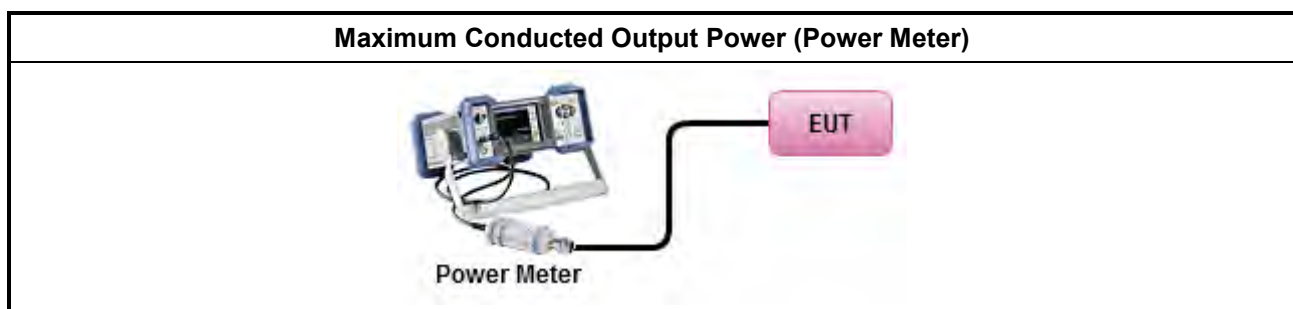
3.3.2 Measuring Instruments

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

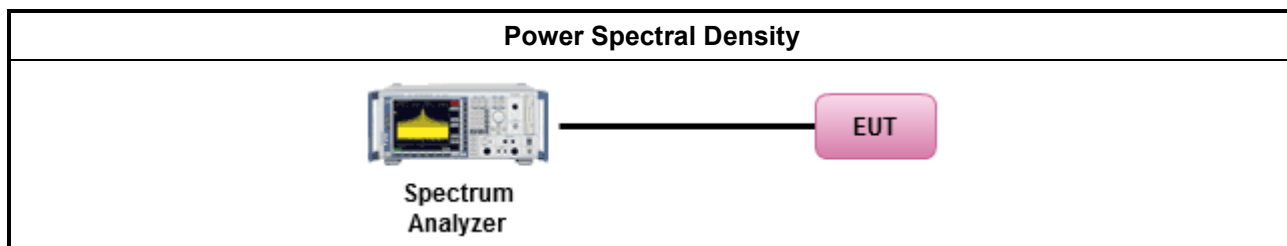
3.4.2 Measuring Instruments

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.	

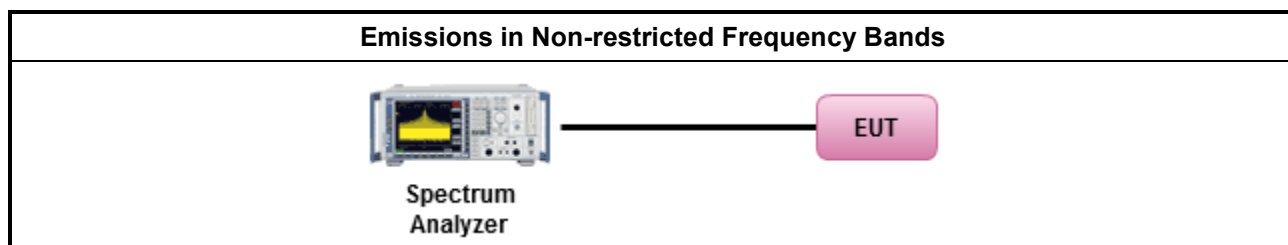
3.5.2 Measuring Instruments

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.

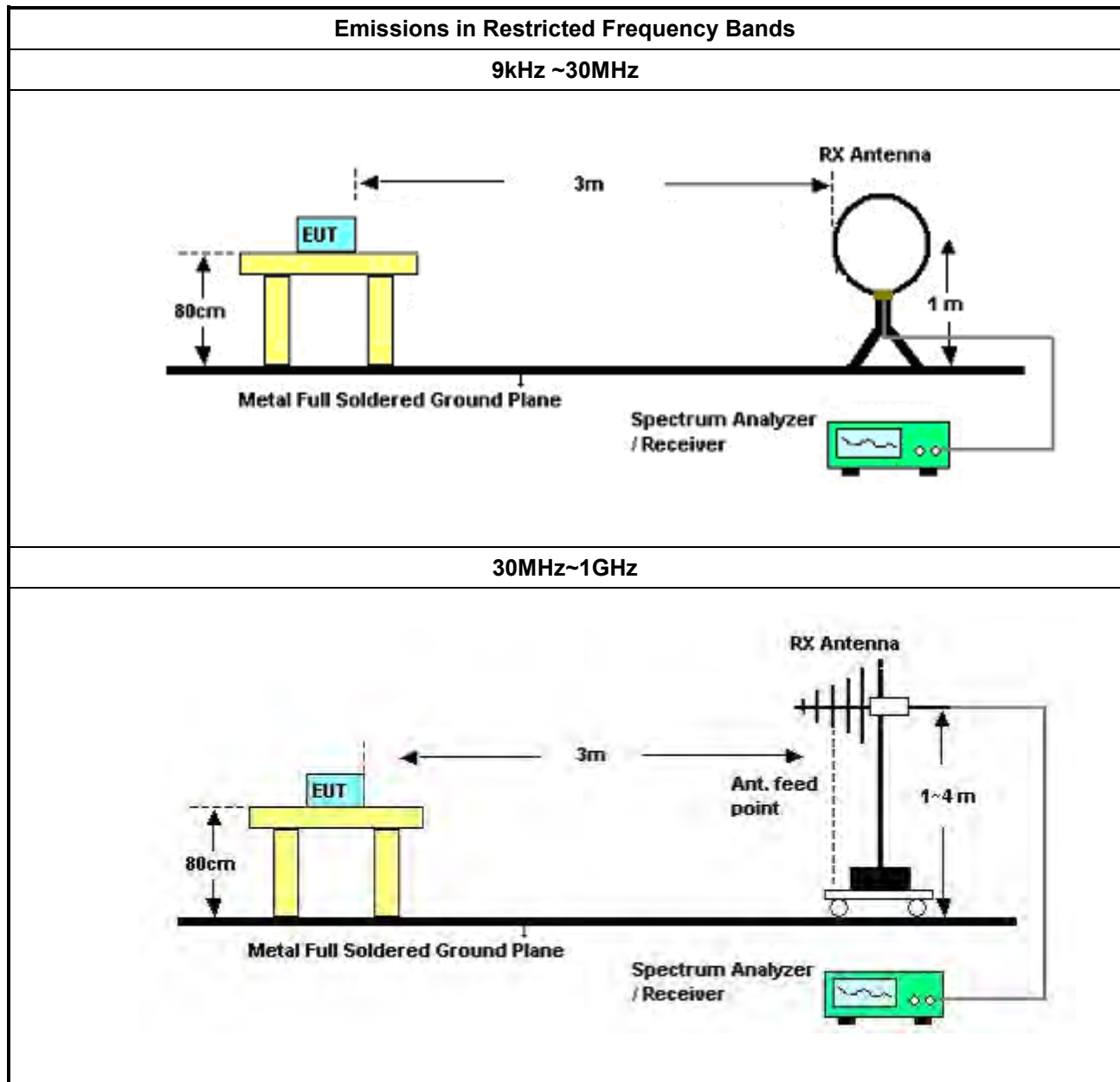
3.6.2 Measuring Instruments

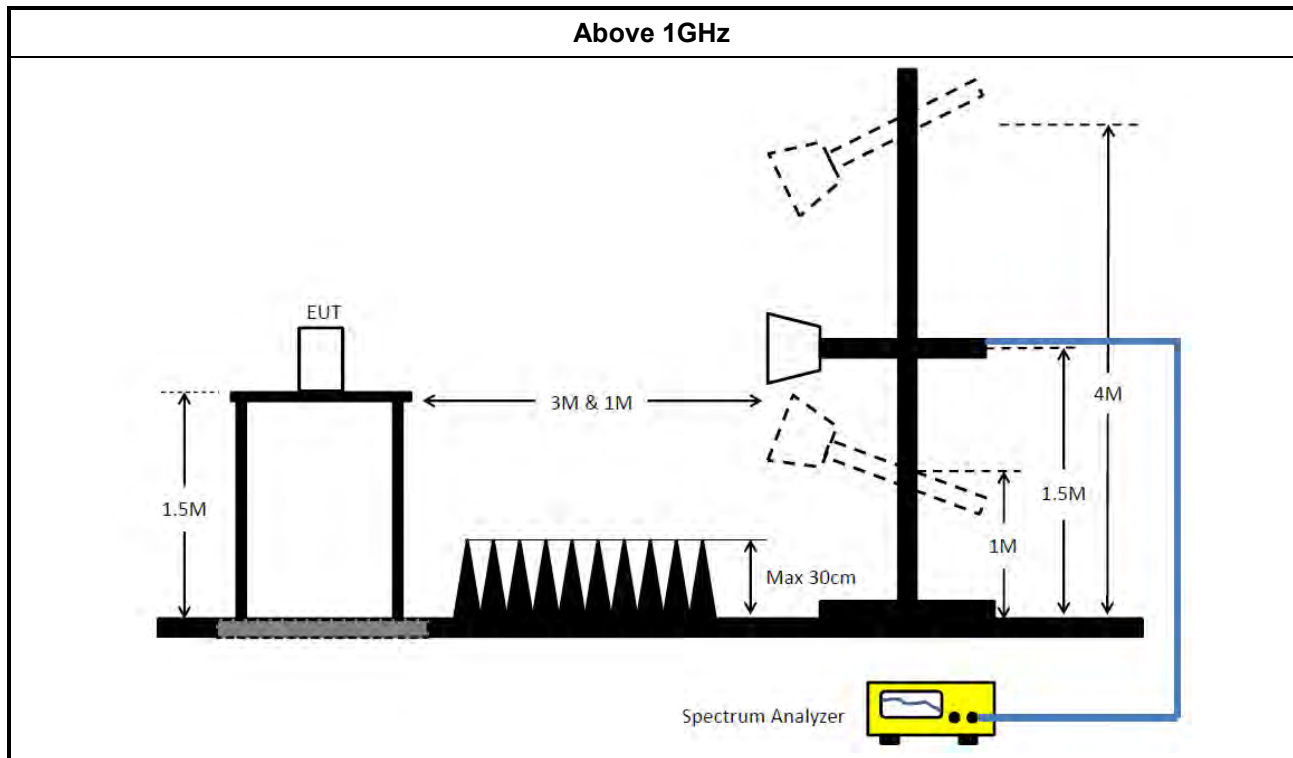
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 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	ESR3	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	07611832020001	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	SCHWARZBEC K	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

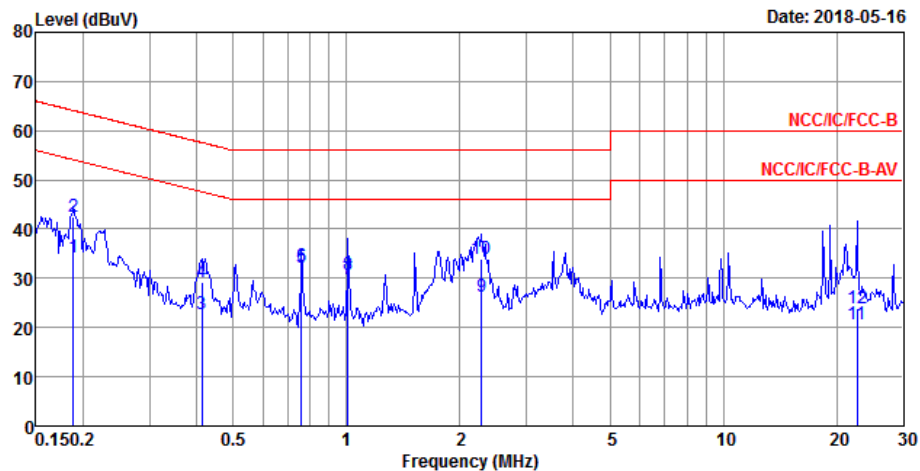
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	17/Jul/2017	16/Jul/2018
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	2/Feb/2018	1/Feb/2019

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
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	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE mode – PIFA antenna		

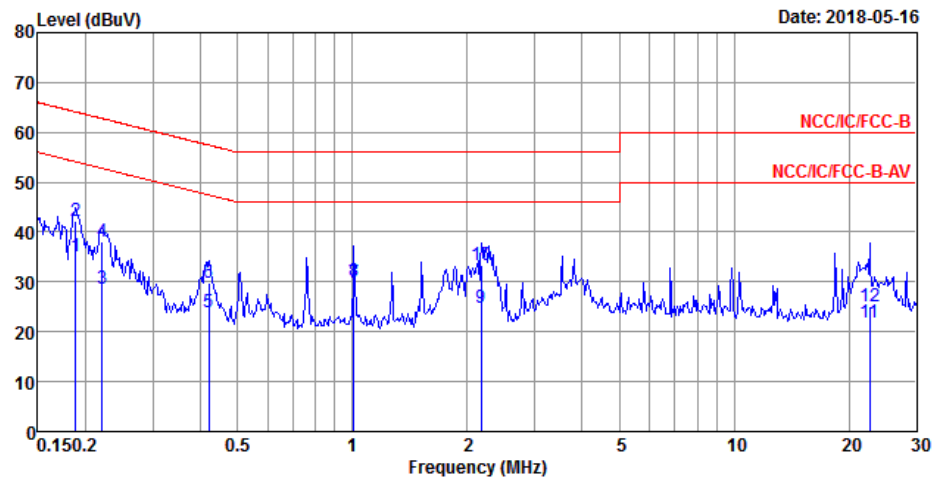


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	34.38	-19.73	54.11	24.75	9.62	0.01	Average
2	0.19	42.47	-21.64	64.11	32.84	9.62	0.01	QP
3	0.41	22.79	-24.80	47.59	13.08	9.61	0.10	Average
4	0.41	29.18	-28.41	57.59	19.47	9.61	0.10	QP
5 MAX	0.76	32.32	-13.68	46.00	22.67	9.62	0.03	Average
6	0.76	32.40	-23.60	56.00	22.75	9.62	0.03	QP
7	1.01	29.80	-16.20	46.00	20.18	9.62	0.00	Average
8	1.01	30.58	-25.42	56.00	20.96	9.62	0.00	QP
9	2.28	26.37	-19.63	46.00	16.72	9.63	0.02	Average
10	2.28	33.87	-22.13	56.00	24.22	9.63	0.02	QP
11	22.66	20.71	-29.29	50.00	10.92	9.70	0.09	Average
12	22.66	23.85	-36.15	60.00	14.06	9.70	0.09	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	PoE mode – PIFA antenna		

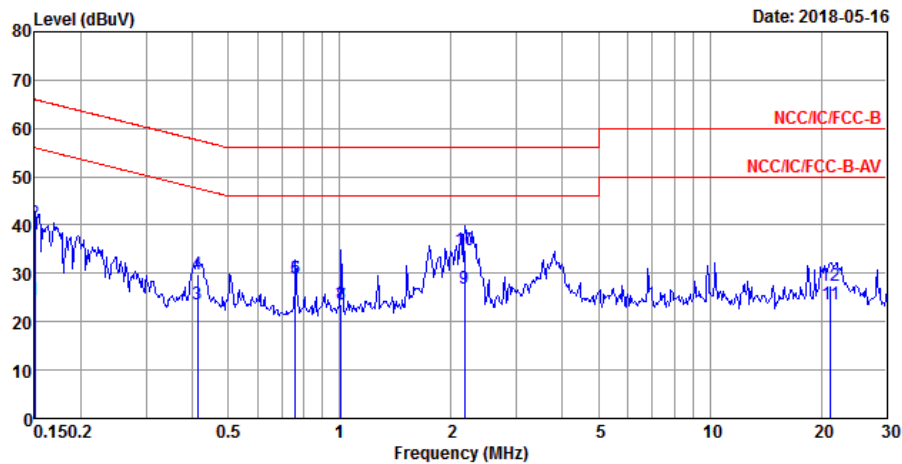


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	35.23	-18.88	54.11	25.60	9.62	0.01	Average
2	0.19	42.22	-21.89	64.11	32.59	9.62	0.01	QP
3	0.22	28.60	-24.19	52.79	18.97	9.62	0.01	Average
4	0.22	37.98	-24.81	62.79	28.35	9.62	0.01	QP
5	0.42	23.80	-23.62	47.42	14.10	9.61	0.09	Average
6	0.42	29.85	-27.57	57.42	20.15	9.61	0.09	QP
7 MAX	1.01	29.93	-16.07	46.00	20.32	9.61	0.00	Average
8	1.01	30.25	-25.75	56.00	20.64	9.61	0.00	QP
9	2.18	24.78	-21.22	46.00	15.15	9.62	0.01	Average
10	2.18	33.35	-22.65	56.00	23.72	9.62	0.01	QP
11	22.66	21.83	-28.17	50.00	12.16	9.58	0.09	Average
12	22.66	25.19	-34.81	60.00	15.52	9.58	0.09	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	2	Power Phase	Neutral
Operating Function	PoE mode – Dipole antenna		

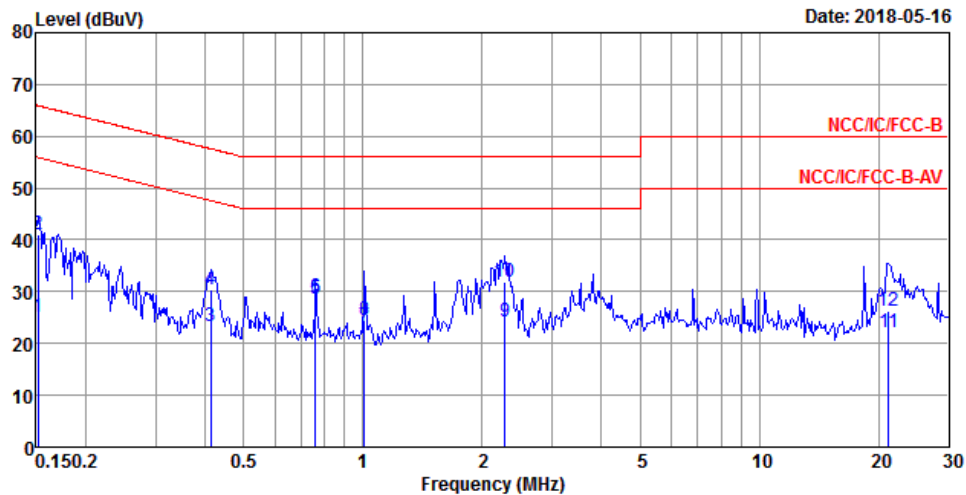


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	24.55	-31.45	56.00	14.88	9.63	0.04	Average
2	0.15	40.39	-25.61	66.00	30.72	9.63	0.04	QP
3	0.41	23.55	-24.04	47.59	13.84	9.61	0.10	Average
4	0.41	29.80	-27.79	57.59	20.09	9.61	0.10	QP
5 MAX	0.76	28.82	-17.18	46.00	19.17	9.62	0.03	Average
6	0.76	28.96	-27.04	56.00	19.31	9.62	0.03	QP
7	1.01	23.38	-22.62	46.00	13.76	9.62	0.00	Average
8	1.01	23.50	-32.50	56.00	13.88	9.62	0.00	QP
9	2.18	26.87	-19.13	46.00	17.23	9.63	0.01	Average
10	2.18	34.69	-21.31	56.00	25.05	9.63	0.01	QP
11	21.15	23.74	-26.26	50.00	13.88	9.71	0.15	Average
12	21.15	27.43	-32.57	60.00	17.57	9.71	0.15	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	2	Power Phase	Line
Operating Function	PoE mode – Dipole antenna		



	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.15	25.20	-30.71	55.91	15.54	9.62	0.04	Average
2	0.15	40.93	-24.98	65.91	31.27	9.62	0.04	QP
3	0.41	23.41	-24.18	47.59	13.70	9.61	0.10	Average
4	0.41	30.35	-27.24	57.59	20.64	9.61	0.10	QP
5 MAX	0.76	28.74	-17.26	46.00	19.10	9.61	0.03	Average
6	0.76	28.87	-27.13	56.00	19.23	9.61	0.03	QP
7	1.01	23.31	-22.69	46.00	13.70	9.61	0.00	Average
8	1.01	24.46	-31.54	56.00	14.85	9.61	0.00	QP
9	2.28	24.31	-21.69	46.00	14.67	9.62	0.02	Average
10	2.28	31.96	-24.04	56.00	22.32	9.62	0.02	QP
11	21.15	22.01	-27.99	50.00	12.26	9.60	0.15	Average
12	21.15	26.19	-33.81	60.00	16.44	9.60	0.15	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	8.05M	13.068M	13M1G1D	7.575M	12.944M
802.11g_Nss1,(6Mbps)_1TX	16.35M	16.767M	16M8D1D	16.325M	16.592M
802.11n HT20_Nss1,(MCS0)_1TX	17.55M	17.891M	17M9D1D	17.55M	17.741M
802.11n HT40_Nss1,(MCS0)_1TX	35.1M	36.082M	36M1D1D	34.4M	35.932M

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;

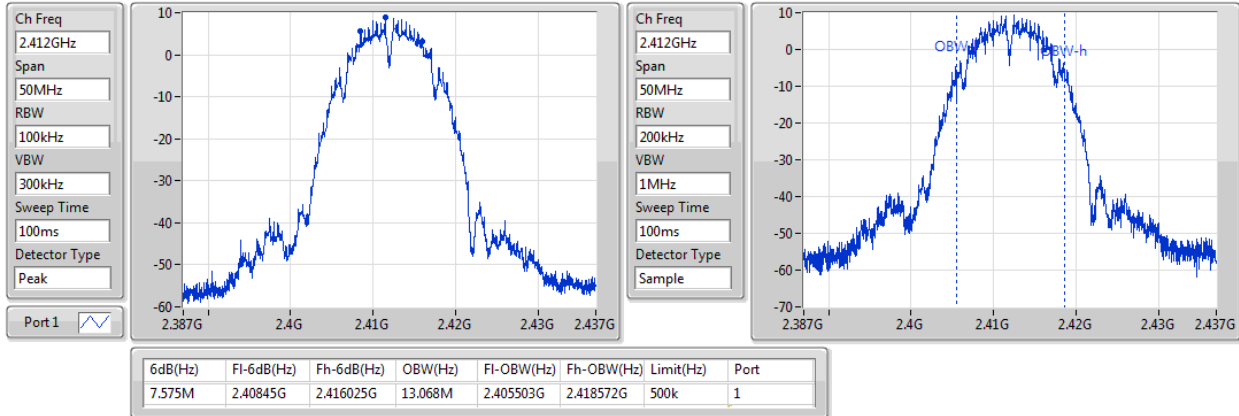
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.575M	13.068M
2437MHz_TnomVnom	Pass	500k	8.025M	13.043M
2462MHz_TnomVnom	Pass	500k	8.05M	12.944M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.592M
2437MHz_TnomVnom	Pass	500k	16.35M	16.767M
2462MHz_TnomVnom	Pass	500k	16.325M	16.692M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.55M	17.741M
2437MHz_TnomVnom	Pass	500k	17.55M	17.891M
2462MHz_TnomVnom	Pass	500k	17.55M	17.766M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.1M	35.932M
2437MHz_TnomVnom	Pass	500k	35.05M	36.032M
2452MHz_TnomVnom	Pass	500k	34.4M	36.082M

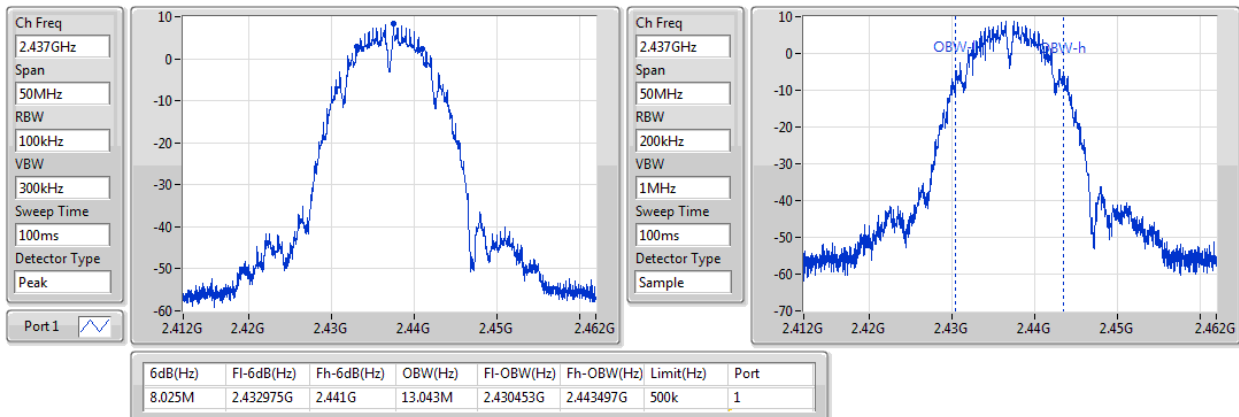
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

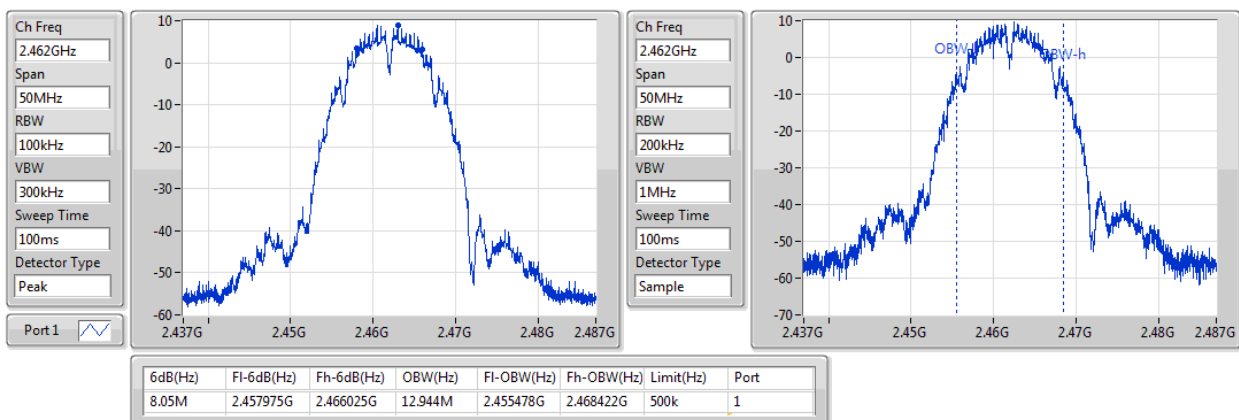
14/05/2018


802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

14/05/2018

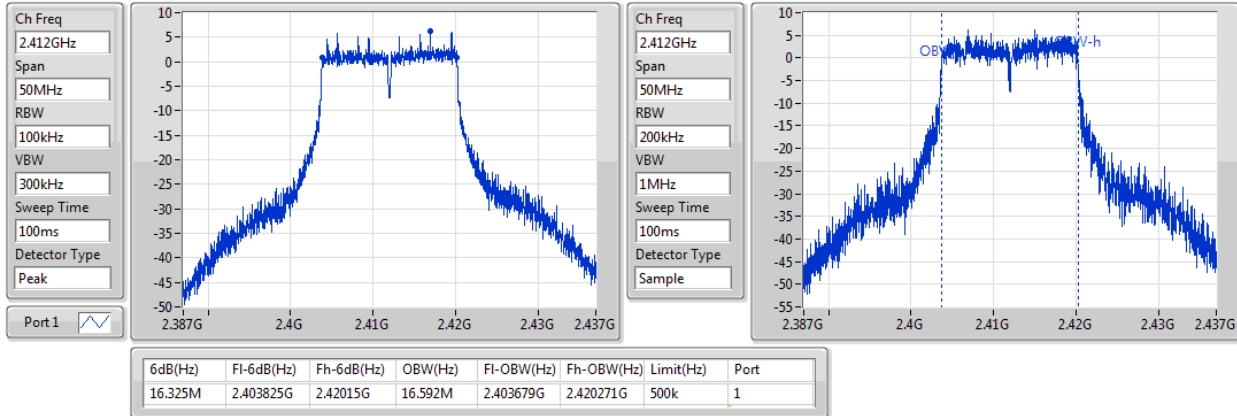

802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

14/05/2018

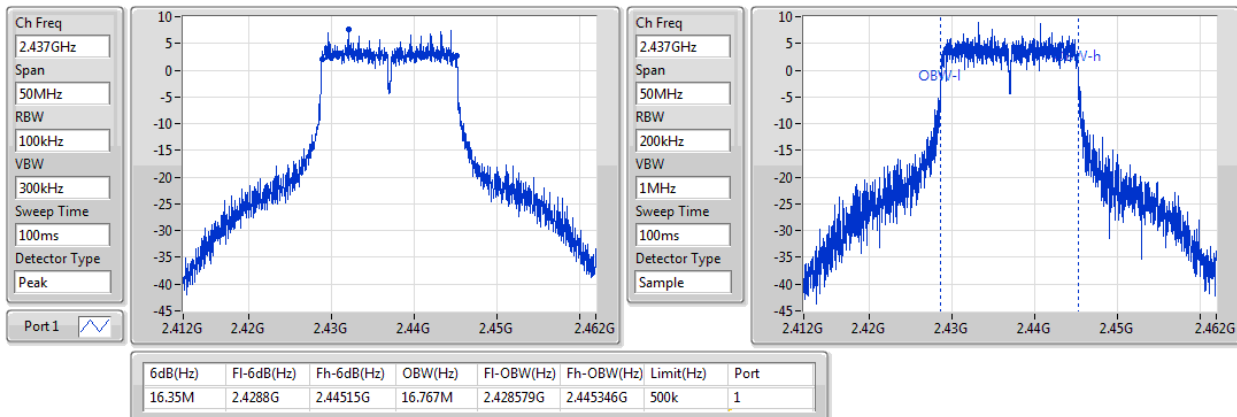


802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

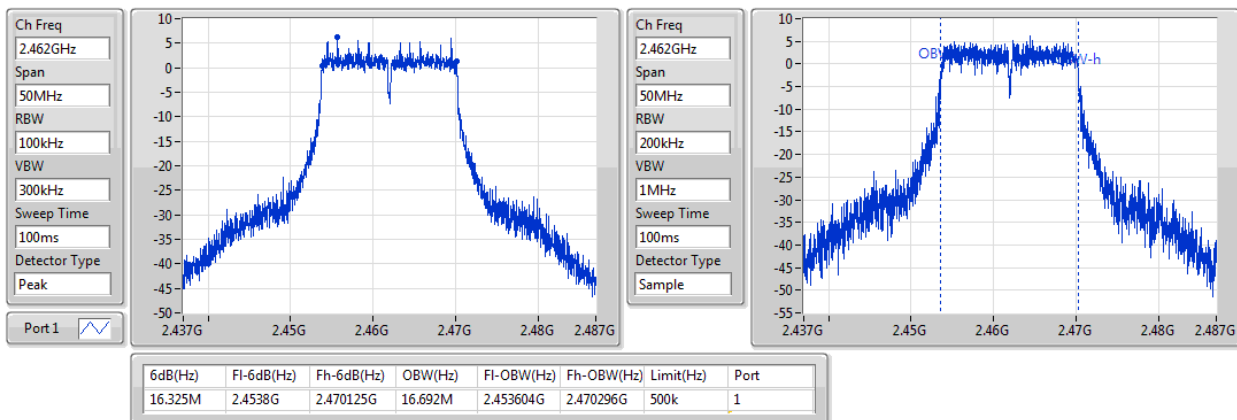
14/05/2018


802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

14/05/2018

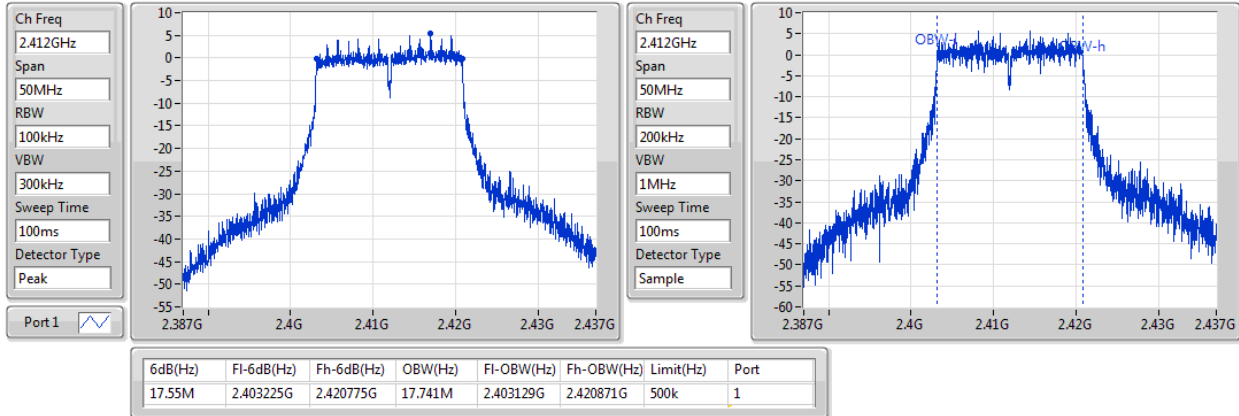

802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

14/05/2018

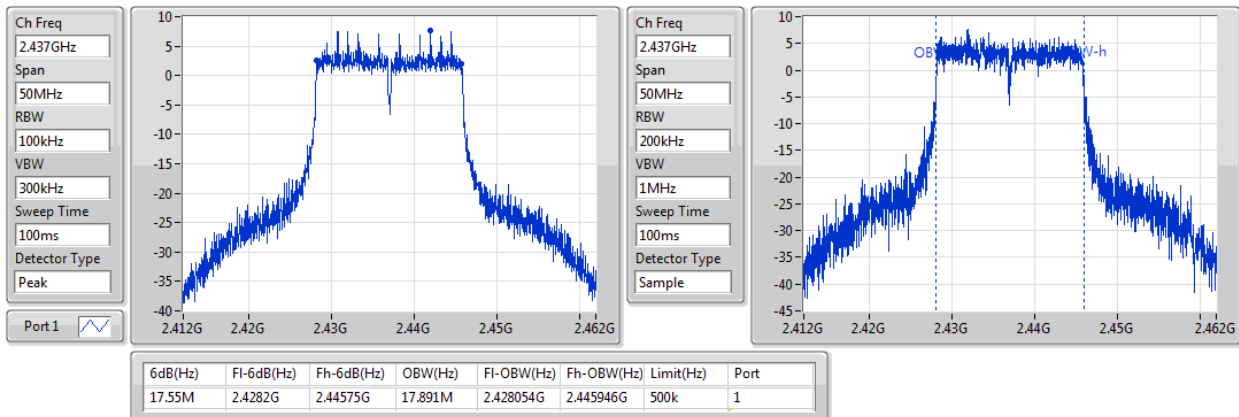


802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

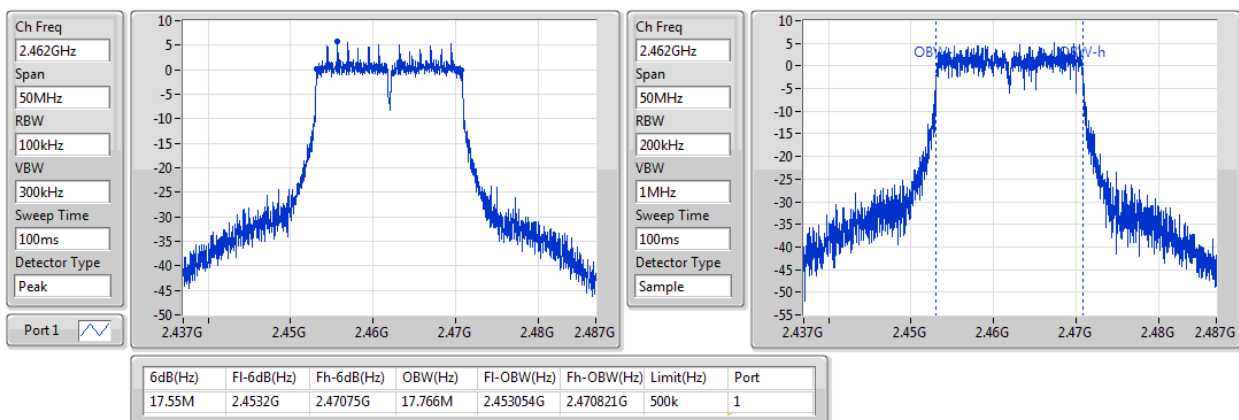
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802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

14/05/2018

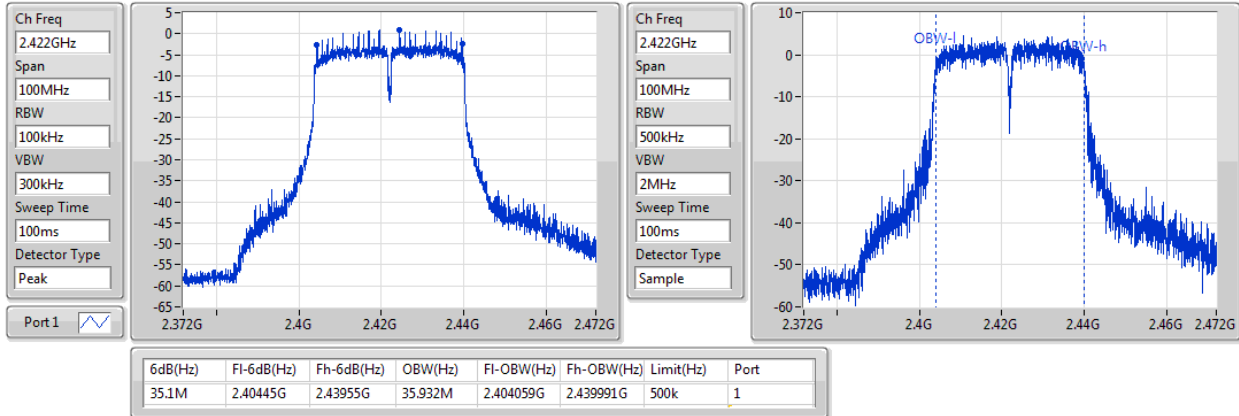

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz

14/05/2018

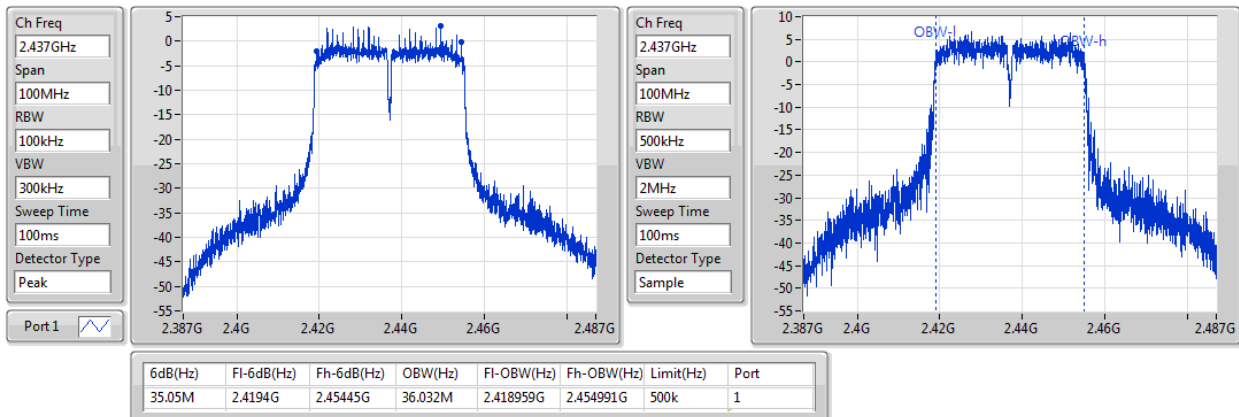


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2422MHz

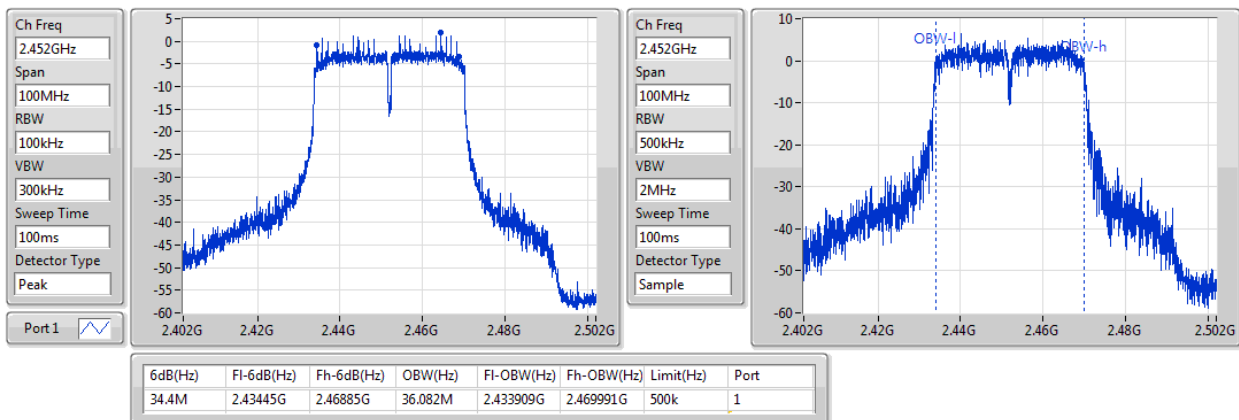
14/05/2018


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2437MHz

14/05/2018


802.11n HT40_Nss1,(MCS0)_1TX
EBW
2452MHz

14/05/2018



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	18.56	0.07178
802.11g_Nss1,(6Mbps)_1TX	20.14	0.10328
802.11n HT20_Nss1,(MCS0)_1TX	20.15	0.10351
802.11n HT40_Nss1,(MCS0)_1TX	17.40	0.05495

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	-1.12	18.50	18.50	30.00
2437MHz_TnomVnom	Pass	-1.12	18.01	18.01	30.00
2462MHz_TnomVnom	Pass	-1.12	18.56	18.56	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	-1.12	17.60	17.60	30.00
2417MHz_TnomVnom	Pass	-1.12	18.59	18.59	30.00
2422MHz_TnomVnom	Pass	-1.12	19.90	19.90	30.00
2427MHz_TnomVnom	Pass	-1.12	20.14	20.14	30.00
2437MHz_TnomVnom	Pass	-1.12	20.03	20.03	30.00
2447MHz_TnomVnom	Pass	-1.12	19.90	19.90	30.00
2452MHz_TnomVnom	Pass	-1.12	19.25	19.25	30.00
2457MHz_TnomVnom	Pass	-1.12	18.11	18.11	30.00
2462MHz_TnomVnom	Pass	-1.12	16.69	16.69	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	-1.12	17.33	17.33	30.00
2417MHz_TnomVnom	Pass	-1.12	18.06	18.06	30.00
2422MHz_TnomVnom	Pass	-1.12	19.05	19.05	30.00
2427MHz_TnomVnom	Pass	-1.12	20.15	20.15	30.00
2437MHz_TnomVnom	Pass	-1.12	19.76	19.76	30.00
2447MHz_TnomVnom	Pass	-1.12	19.85	19.85	30.00
2452MHz_TnomVnom	Pass	-1.12	19.18	19.18	30.00
2457MHz_TnomVnom	Pass	-1.12	17.63	17.63	30.00
2462MHz_TnomVnom	Pass	-1.12	15.70	15.70	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	-1.12	15.75	15.75	30.00
2427MHz_TnomVnom	Pass	-1.12	16.66	16.66	30.00
2432MHz_TnomVnom	Pass	-1.12	17.40	17.40	30.00
2437MHz_TnomVnom	Pass	-1.12	17.28	17.28	30.00
2442MHz_TnomVnom	Pass	-1.12	16.88	16.88	30.00
2447MHz_TnomVnom	Pass	-1.12	15.84	15.84	30.00
2452MHz_TnomVnom	Pass	-1.12	16.20	16.20	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	-4.93
802.11g_Nss1,(6Mbps)_1TX	-6.85
802.11n HT20_Nss1,(MCS0)_1TX	-7.78
802.11n HT40_Nss1,(MCS0)_1TX	-12.14

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	-1.12	-4.93	-4.93	8.00
2437MHz_TnomVnom	Pass	-1.12	-5.71	-5.71	8.00
2462MHz_TnomVnom	Pass	-1.12	-5.92	-5.92	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	-1.12	-8.23	-8.23	8.00
2437MHz_TnomVnom	Pass	-1.12	-6.85	-6.85	8.00
2462MHz_TnomVnom	Pass	-1.12	-10.62	-10.62	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	-1.12	-8.90	-8.90	8.00
2437MHz_TnomVnom	Pass	-1.12	-7.78	-7.78	8.00
2462MHz_TnomVnom	Pass	-1.12	-10.46	-10.46	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	-1.12	-13.58	-13.58	8.00
2437MHz_TnomVnom	Pass	-1.12	-12.14	-12.14	8.00
2452MHz_TnomVnom	Pass	-1.12	-13.43	-13.43	8.00

DG = Directional Gain; RBW=3kHz;

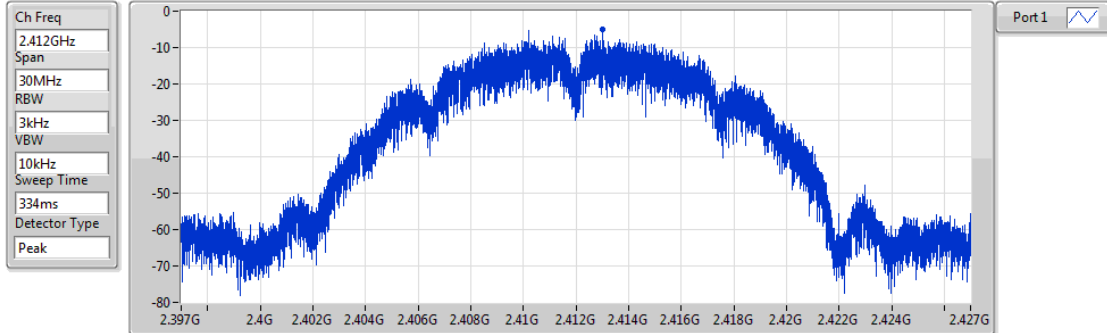
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

14/05/2018



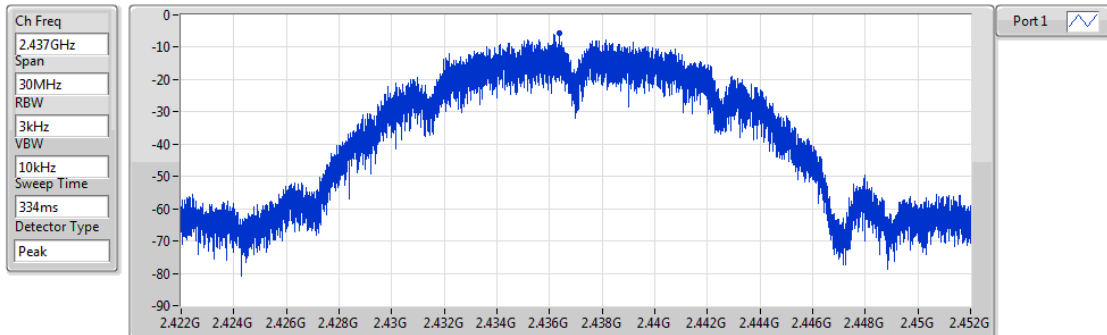
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.93	-4.93	-4.93

802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

14/05/2018



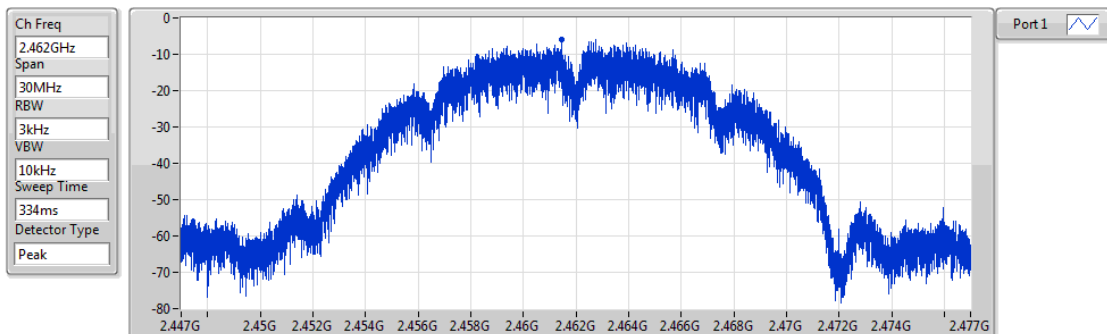
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.71	-5.71	-5.71

802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

14/05/2018



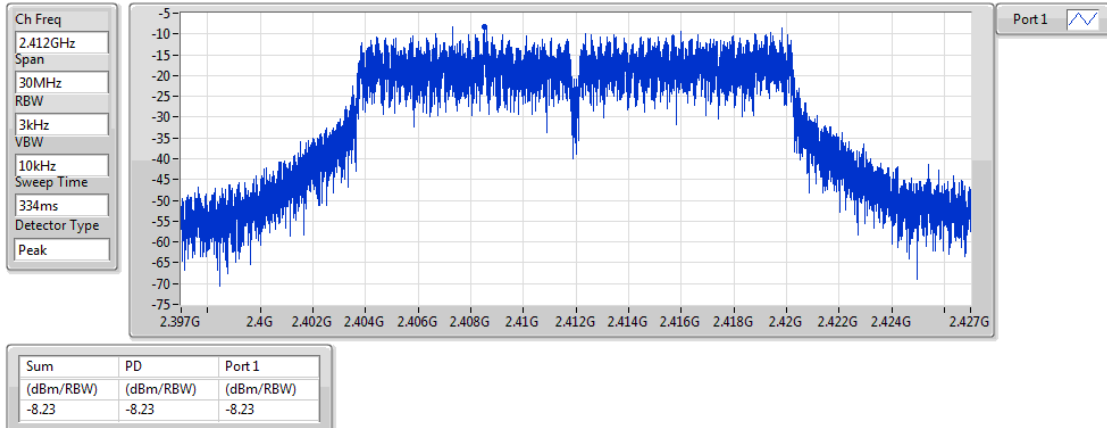
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.92	-5.92	-5.92

802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

16/05/2018

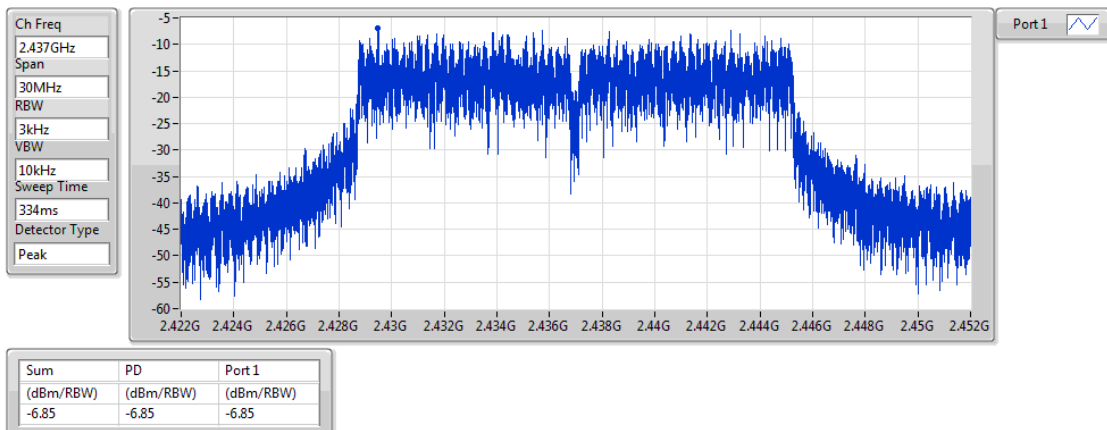


802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

14/05/2018

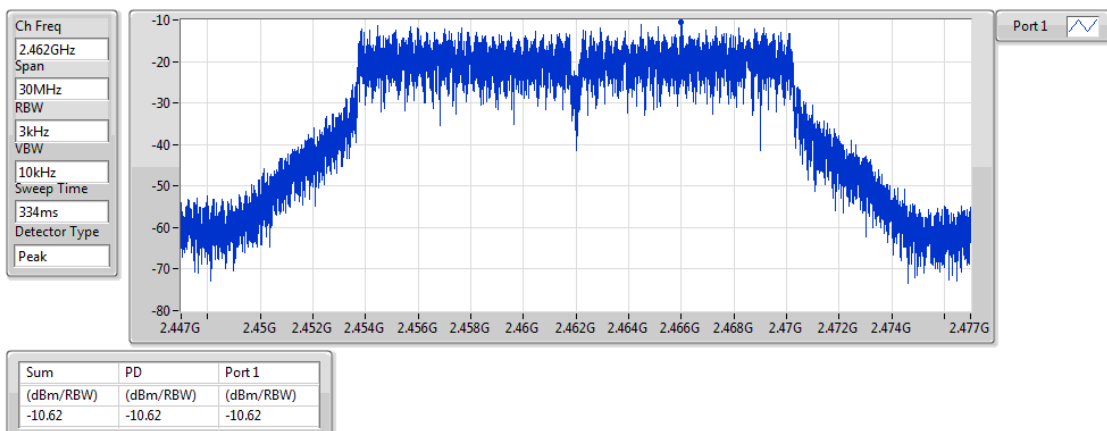


802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

16/05/2018

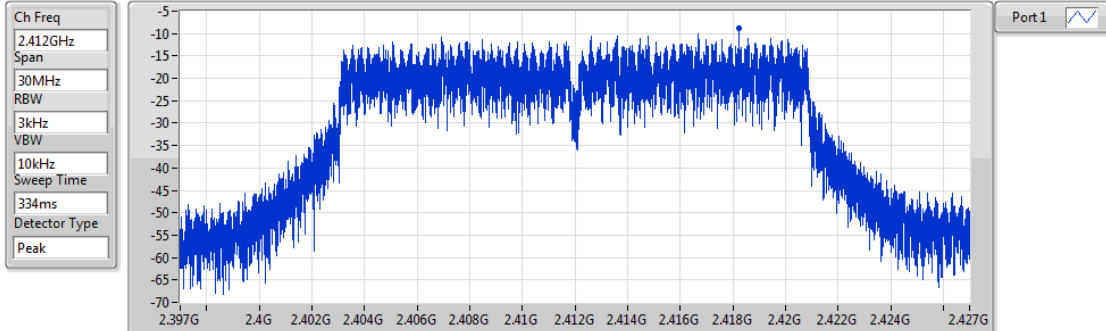


802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

14/05/2018



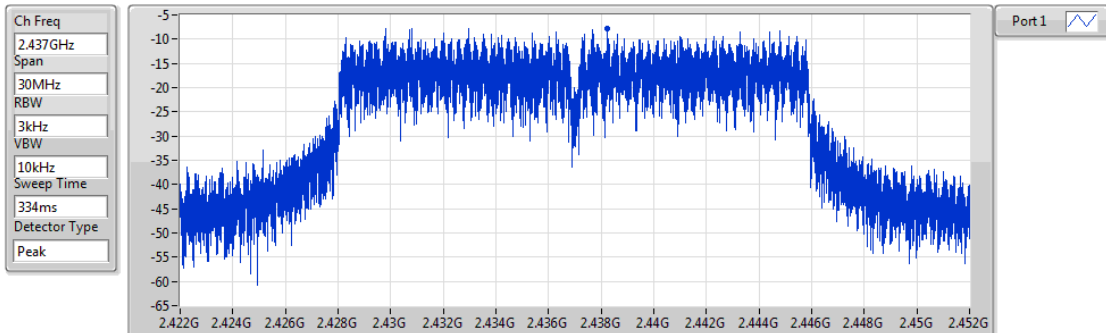
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.90	-8.90	-8.90

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

14/05/2018



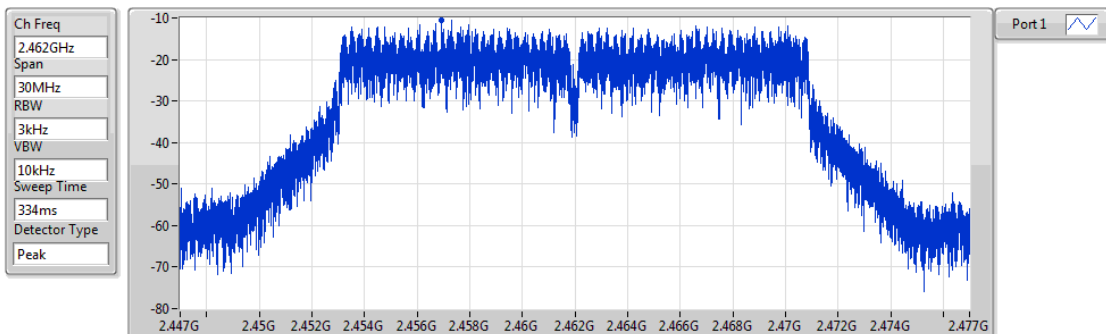
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-7.78

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

16/05/2018



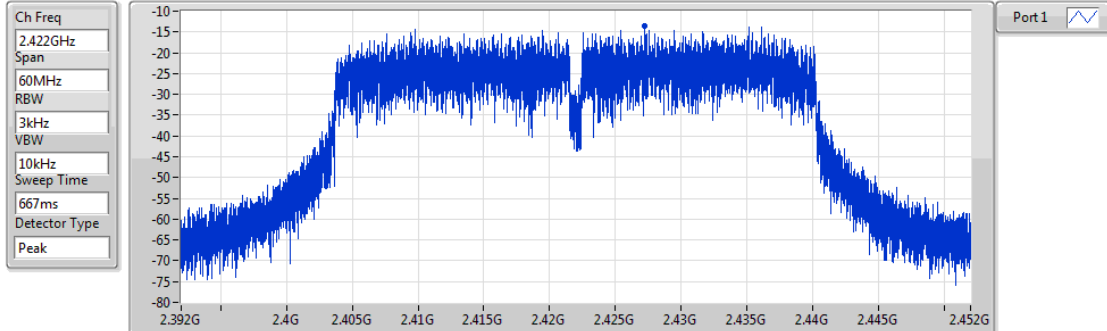
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.46	-10.46	-10.46

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

14/05/2018



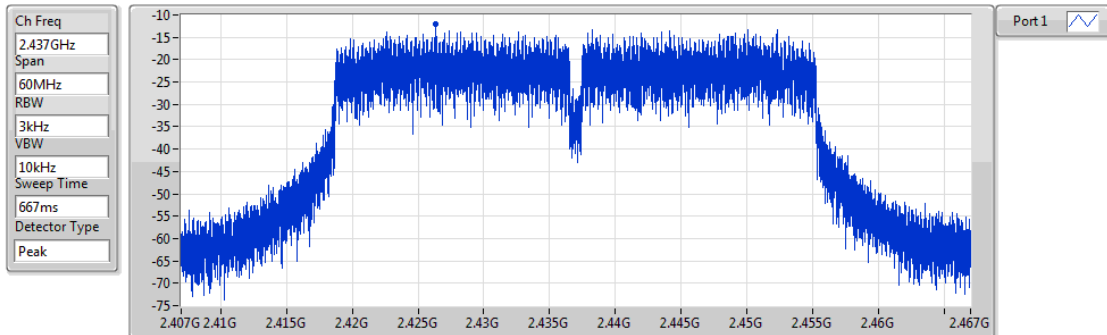
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.58	-13.58	-13.58

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

16/05/2018



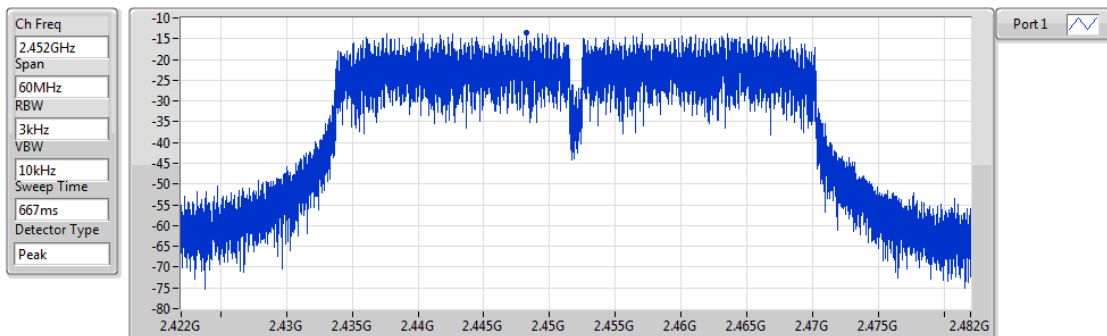
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.14	-12.14	-12.14

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

16/05/2018



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.43	-13.43	-13.43

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	2.462458G	9.40	-20.60	910.74M	-59.70	2.39848G	-39.18	2.51774G	-56.98	24.502707G	-52.82	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.431897G	7.71	-22.29	835.015M	-59.99	2.39984G	-24.33	2.48422G	-56.59	24.398754G	-52.84	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.432064G	7.47	-22.53	823.365M	-59.54	2.39952G	-24.58	2.48726G	-56.55	16.214498G	-52.78	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.428223G	3.06	-26.94	2.14367G	-59.50	2.39984G	-33.65	2.48622G	-55.46	6.927399G	-52.85	1

Result

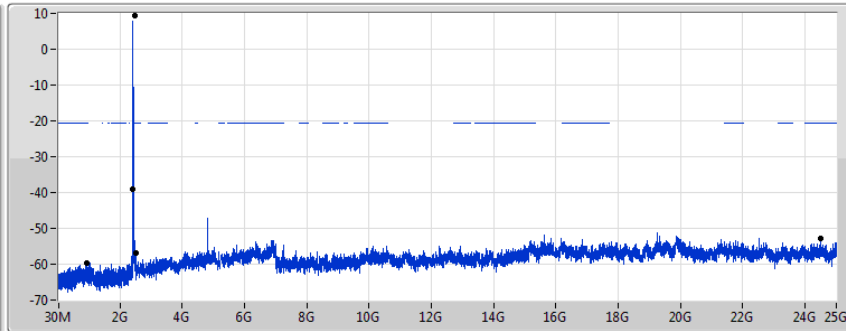
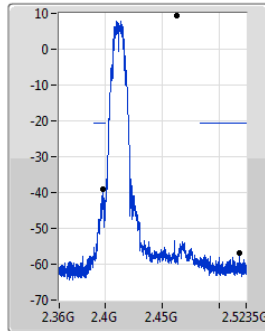
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.462458G	9.40	-20.60	910.74M	-59.70	2.39848G	-39.18	2.51774G	-56.98	24.502707G	-52.82	1
2437MHz_TnomVnom	Pass	2.462458G	9.40	-20.60	2.30874G	-59.28	2.39288G	-58.44	2.49094G	-57.04	15.290152G	-52.83	1
2462MHz_TnomVnom	Pass	2.462458G	9.40	-20.60	2.090885G	-59.29	2.3992G	-57.19	2.48846G	-54.83	15.189008G	-52.08	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.431897G	7.71	-22.29	835.015M	-59.99	2.39984G	-24.33	2.48422G	-56.59	24.398754G	-52.84	1
2437MHz_TnomVnom	Pass	2.431897G	7.71	-22.29	760.455M	-59.69	2.39976G	-46.63	2.48894G	-49.39	17.546231G	-52.90	1
2462MHz_TnomVnom	Pass	2.431897G	7.71	-22.29	1.94759G	-59.79	2.39448G	-53.21	2.48358G	-37.90	15.191817G	-51.98	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.432064G	7.47	-22.53	823.365M	-59.54	2.39952G	-24.58	2.48726G	-56.55	16.214498G	-52.78	1
2437MHz_TnomVnom	Pass	2.432064G	7.47	-22.53	1.965065G	-59.43	2.39856G	-45.52	2.48606G	-45.59	6.400696G	-52.90	1
2462MHz_TnomVnom	Pass	2.432064G	7.47	-22.53	1.944095G	-59.67	2.39464G	-55.50	2.48414G	-37.28	17.473182G	-52.90	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.428223G	3.06	-26.94	2.14367G	-59.50	2.39984G	-33.65	2.48622G	-55.46	6.927399G	-52.85	1
2437MHz_TnomVnom	Pass	2.428223G	3.06	-26.94	2.309695G	-58.78	2.39856G	-36.47	2.4875G	-40.86	15.206468G	-52.49	1
2452MHz_TnomVnom	Pass	2.428223G	3.06	-26.94	698.68M	-59.70	2.39952G	-48.78	2.48462G	-39.09	16.218915G	-52.20	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2412MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

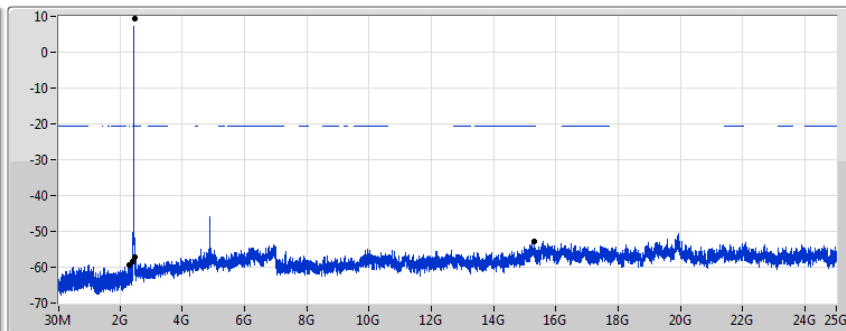
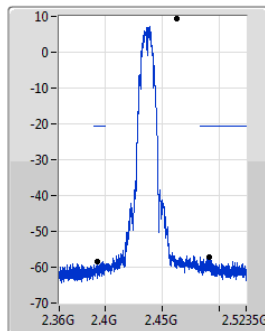
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	9.40	-20.60	910.74M	-59.70	2.39848G	-39.18	2.51774G	-56.98	24.502707G	-52.82	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2437MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

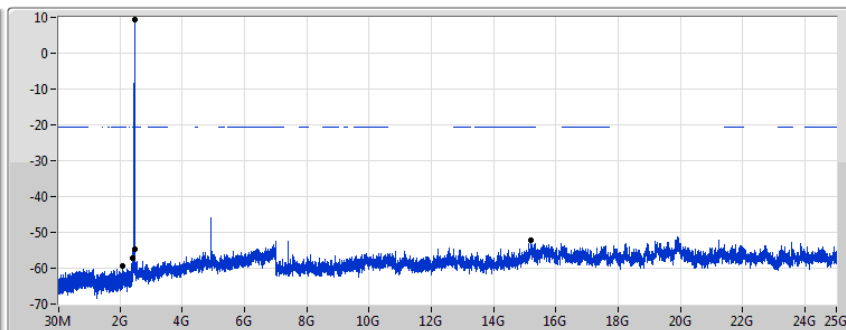
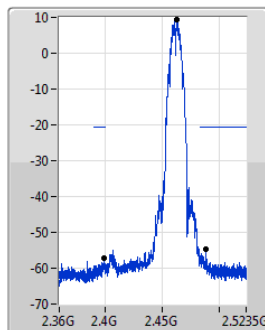
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	9.40	-20.60	2.30874G	-59.28	2.39288G	-58.44	2.49094G	-57.04	15.290152G	-52.83	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2462MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

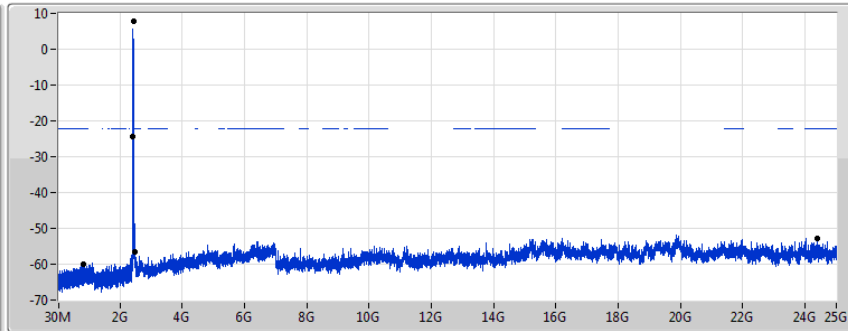
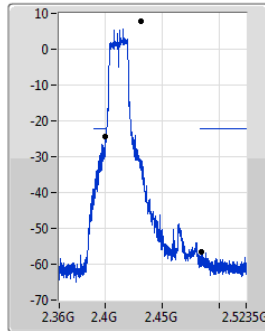
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462458G	9.40	-20.60	2.090885G	-59.29	2.3992G	-57.19	2.48846G	-54.83	15.189008G	-52.08	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2412MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

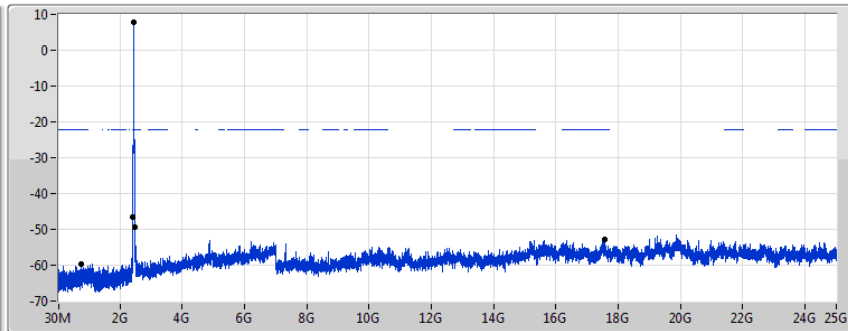
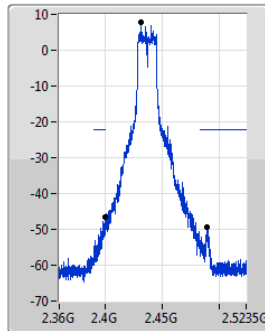
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	7.71	-22.29	835.015M	-59.99	2.39984G	-24.33	2.48422G	-56.59	24.398754G	-52.84	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2437MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

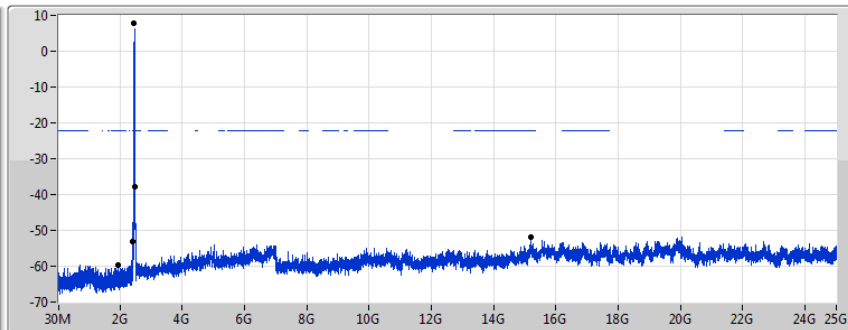
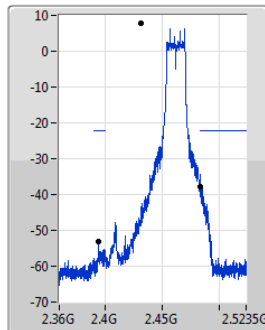
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	7.71	-22.29	760.455M	-59.69	2.39976G	-46.63	2.48894G	-49.39	17.546231G	-52.90	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2462MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

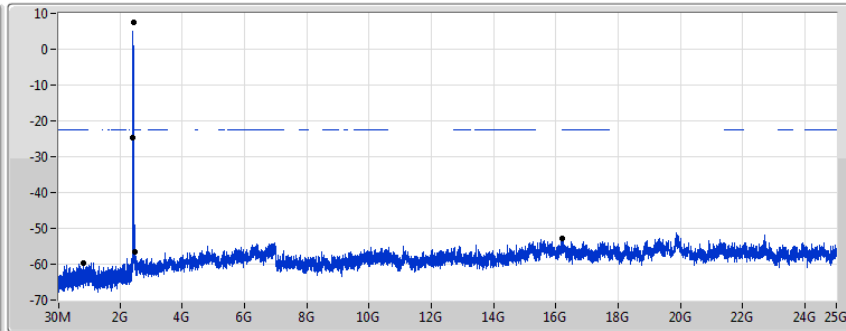
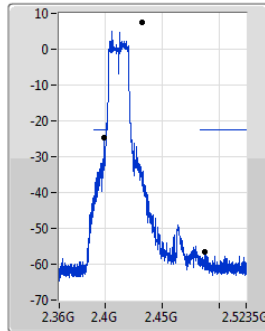
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	7.71	-22.29	1.94759G	-59.79	2.39448G	-53.21	2.48358G	-37.90	15.191817G	-51.98	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2412MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

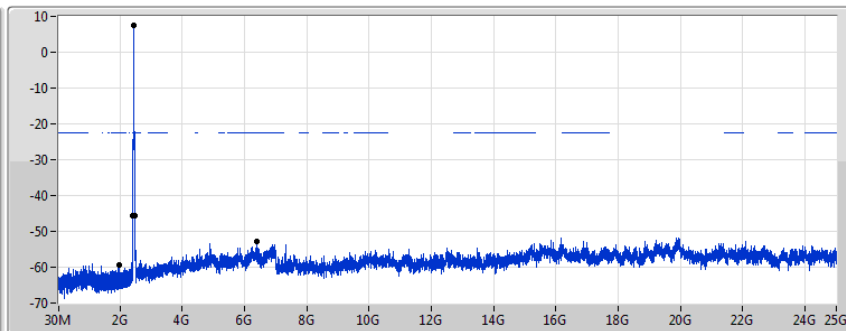
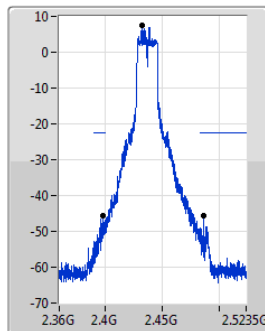
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	7.47	-22.53	823.365M	-59.54	2.39952G	-24.58	2.48726G	-56.55	16.214498G	-52.78	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

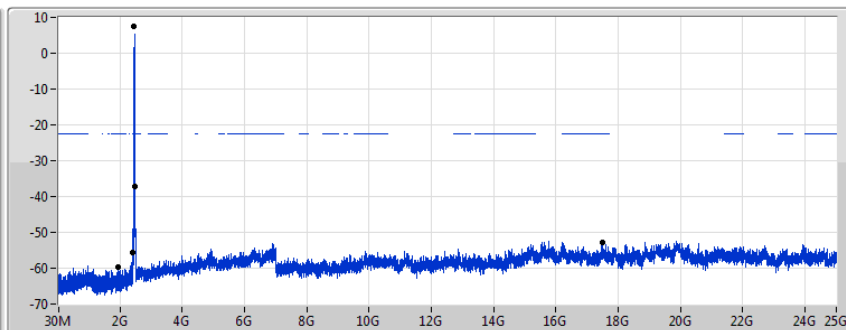
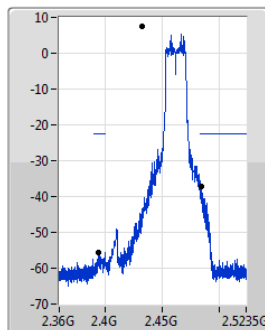
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	7.47	-22.53	1.965065G	-59.43	2.39856G	-45.52	2.48606G	-45.59	6.400696G	-52.90	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2462MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

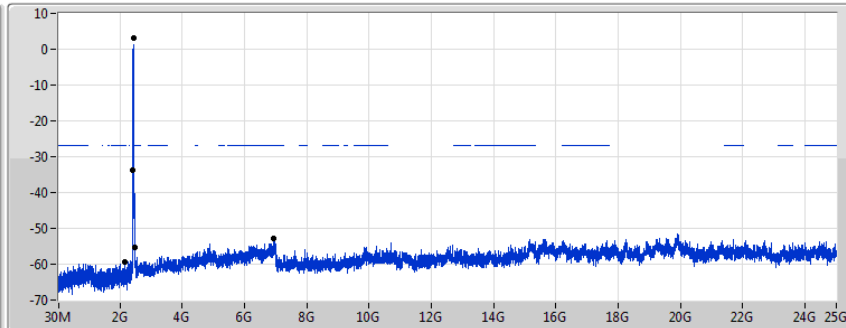
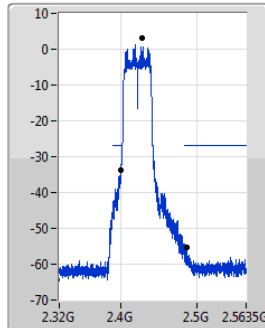
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.432064G	7.47	-22.53	1.944095G	-59.67	2.39464G	-55.50	2.48414G	-37.28	17.473182G	-52.90	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2422MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

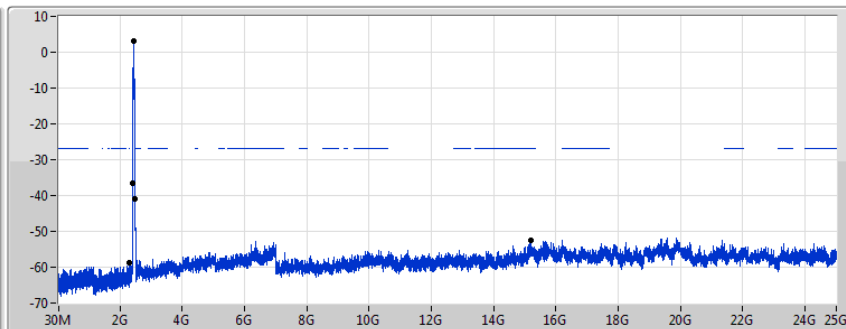
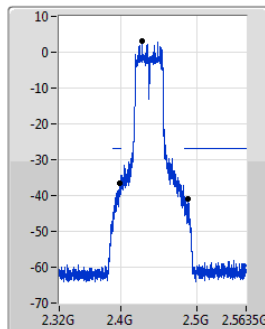
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	3.06	-26.94	2.14367G	-59.50	2.39984G	-33.65	2.48622G	-55.46	6.92739G	-52.85	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

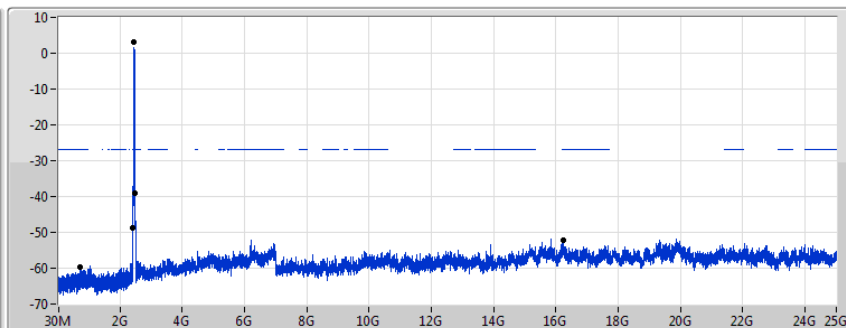
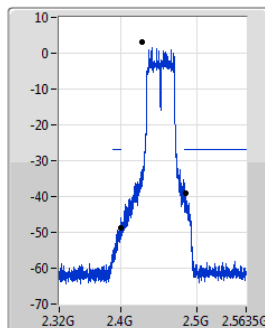
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	3.06	-26.94	2.309695G	-58.78	2.39856G	-36.47	2.4875G	-40.86	15.206468G	-52.49	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2452MHz

14/05/2018



Port 1

RBW 100kHz
VBW 300kHz
Detector Type Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.428223G	3.06	-26.94	698.68M	-59.70	2.39952G	-48.78	2.48462G	-39.09	16.218915G	-52.20	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	PK	35.82M	36.57	40.00	-3.43	-16.28	3	Vertical	0	1.00	-

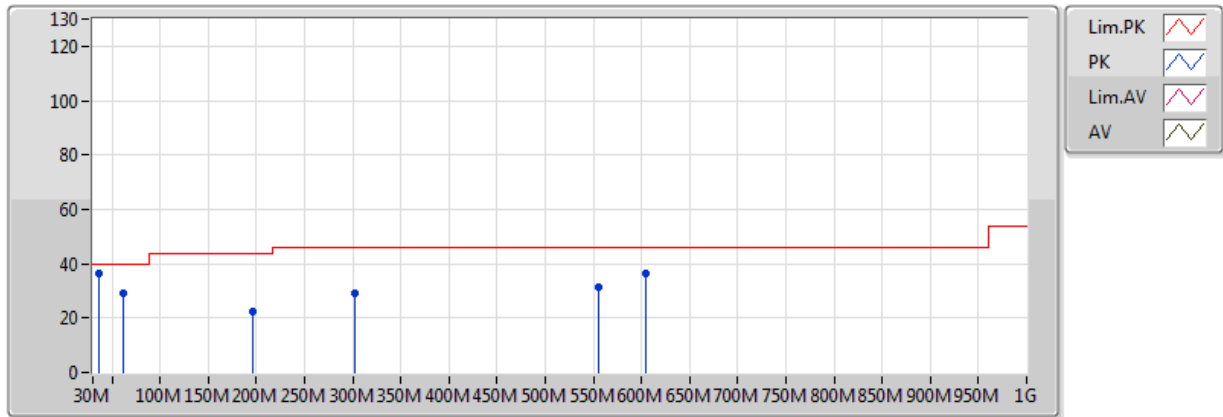
Result

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	35.82M	36.57	40.00	-3.43	-16.28	3	Vertical	0	1.00	-
2437MHz	Pass	PK	61.04M	28.89	40.00	-11.11	-25.64	3	Vertical	0	1.00	-
2437MHz	Pass	PK	196.84M	22.46	43.50	-21.04	-21.15	3	Vertical	0	1.00	-
2437MHz	Pass	PK	301.6M	29.20	46.00	-16.80	-16.63	3	Vertical	0	1.00	-
2437MHz	Pass	PK	555.74M	31.33	46.00	-14.67	-10.65	3	Vertical	0	1.00	-
2437MHz	Pass	PK	604.24M	36.51	46.00	-9.49	-10.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	51.34M	24.84	40.00	-15.16	-23.89	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	144.46M	21.16	43.50	-22.34	-19.35	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	264.74M	23.70	46.00	-22.30	-15.98	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	353.98M	33.79	46.00	-12.21	-15.39	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	606.18M	31.91	46.00	-14.09	-10.70	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	728.4M	39.89	46.00	-6.11	-8.93	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE

15/05/2018

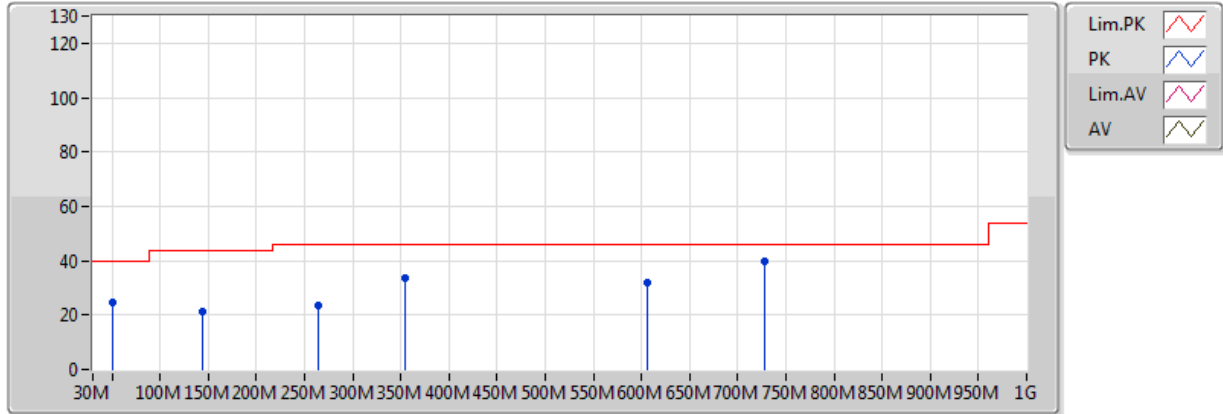


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	35.82M	36.57	40.00	-3.43	-16.28	3	Vertical	0	1.00	-
PK	61.04M	28.89	40.00	-11.11	-25.64	3	Vertical	0	1.00	-
PK	196.84M	22.46	43.50	-21.04	-21.15	3	Vertical	0	1.00	-
PK	301.6M	29.20	46.00	-16.80	-16.63	3	Vertical	0	1.00	-
PK	555.74M	31.33	46.00	-14.67	-10.65	3	Vertical	0	1.00	-
PK	604.24M	36.51	46.00	-9.49	-10.76	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE

15/05/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	51.34M	24.84	40.00	-15.16	-23.89	3	Horizontal	360	1.00	-
PK	144.46M	21.16	43.50	-22.34	-19.35	3	Horizontal	360	1.00	-
PK	264.74M	23.70	46.00	-22.30	-15.98	3	Horizontal	360	1.00	-
PK	353.98M	33.79	46.00	-12.21	-15.39	3	Horizontal	360	1.00	-
PK	606.18M	31.91	46.00	-14.09	-10.70	3	Horizontal	360	1.00	-
PK	728.4M	39.89	46.00	-6.11	-8.93	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	2.483502G	48.87	54.00	-5.13	32.81	3	Horizontal	325	1.28	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4836G	53.79	54.00	-0.21	32.81	3	Horizontal	66	3.04	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.483502G	53.79	54.00	-0.21	32.81	3	Horizontal	60	2.23	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4842G	53.87	54.00	-0.13	32.81	3	Horizontal	327	1.01	-

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	2.3898G	47.28	54.00	-6.72	32.45	3	Vertical	246	1.03	-
2412MHz	Pass	AV	2.4128G	101.34	Inf	-Inf	32.54	3	Vertical	246	1.03	-
2412MHz	Pass	PK	2.365G	59.00	74.00	-15.00	32.36	3	Vertical	246	1.03	-
2412MHz	Pass	PK	2.413G	103.45	Inf	-Inf	32.54	3	Vertical	246	1.03	-
2412MHz	Pass	AV	2.3898G	47.28	54.00	-6.72	32.45	3	Horizontal	49	1.50	-
2412MHz	Pass	AV	2.4112G	98.81	Inf	-Inf	32.53	3	Horizontal	49	1.50	-
2412MHz	Pass	PK	2.3864G	59.48	74.00	-14.52	32.43	3	Horizontal	49	1.50	-
2412MHz	Pass	PK	2.4112G	101.05	Inf	-Inf	32.53	3	Horizontal	49	1.50	-
2412MHz	Pass	AV	4.82394G	35.23	54.00	-18.77	3.13	3	Vertical	38	1.21	-
2412MHz	Pass	PK	4.8237G	45.67	74.00	-28.33	3.13	3	Vertical	38	1.21	-
2412MHz	Pass	AV	4.82394G	37.51	54.00	-16.49	3.13	3	Horizontal	68	1.19	-
2412MHz	Pass	PK	4.82406G	46.51	74.00	-27.49	3.13	3	Horizontal	68	1.19	-
2437MHz	Pass	AV	2.337G	47.28	54.00	-6.72	32.25	3	Vertical	253	3.16	-
2437MHz	Pass	AV	2.4378G	101.50	Inf	-Inf	32.63	3	Vertical	253	3.16	-
2437MHz	Pass	AV	2.4982G	48.34	54.00	-5.66	32.87	3	Vertical	253	3.16	-
2437MHz	Pass	PK	2.3482G	59.75	74.00	-14.25	32.30	3	Vertical	253	3.16	-
2437MHz	Pass	PK	2.4378G	103.80	Inf	-Inf	32.63	3	Vertical	253	3.16	-
2437MHz	Pass	PK	2.4874G	60.28	74.00	-13.72	32.82	3	Vertical	253	3.16	-
2437MHz	Pass	AV	2.337G	47.28	54.00	-6.72	32.25	3	Horizontal	325	1.01	-
2437MHz	Pass	AV	2.4378G	104.60	Inf	-Inf	32.63	3	Horizontal	325	1.01	-
2437MHz	Pass	AV	2.4982G	48.34	54.00	-5.66	32.87	3	Horizontal	325	1.01	-
2437MHz	Pass	PK	2.3782G	58.72	74.00	-15.28	32.40	3	Horizontal	325	1.01	-
2437MHz	Pass	PK	2.4378G	106.88	Inf	-Inf	32.63	3	Horizontal	325	1.01	-
2437MHz	Pass	PK	2.4938G	59.62	74.00	-14.38	32.84	3	Horizontal	325	1.01	-
2437MHz	Pass	AV	4.87394G	40.37	54.00	-13.63	3.24	3	Vertical	316	1.04	-
2437MHz	Pass	PK	4.87424G	47.25	74.00	-26.75	3.24	3	Vertical	316	1.04	-
2437MHz	Pass	AV	4.87394G	40.74	54.00	-13.26	3.24	3	Horizontal	69	1.07	-
2437MHz	Pass	PK	4.87394G	47.61	74.00	-26.39	3.24	3	Horizontal	69	1.07	-
2462MHz	Pass	AV	2.4628G	102.70	Inf	-Inf	32.73	3	Vertical	122	1.01	-
2462MHz	Pass	AV	2.483502G	48.59	54.00	-5.41	32.81	3	Vertical	122	1.01	-
2462MHz	Pass	PK	2.4612G	105.04	Inf	-Inf	32.72	3	Vertical	122	1.01	-
2462MHz	Pass	PK	2.4958G	60.99	74.00	-13.01	32.85	3	Vertical	122	1.01	-
2462MHz	Pass	AV	2.4628G	106.02	Inf	-Inf	32.73	3	Horizontal	325	1.28	-
2462MHz	Pass	AV	2.483502G	48.87	54.00	-5.13	32.81	3	Horizontal	325	1.28	-
2462MHz	Pass	PK	2.463G	108.12	Inf	-Inf	32.73	3	Horizontal	325	1.28	-
2462MHz	Pass	PK	2.4994G	61.07	74.00	-12.93	32.87	3	Horizontal	325	1.28	-
2462MHz	Pass	AV	4.92394G	35.71	54.00	-18.29	3.35	3	Vertical	112	1.45	-
2462MHz	Pass	PK	4.92388G	45.46	74.00	-28.54	3.35	3	Vertical	112	1.45	-
2462MHz	Pass	AV	4.924G	39.42	54.00	-14.58	3.35	3	Horizontal	81	1.16	-
2462MHz	Pass	PK	4.92382G	46.83	74.00	-27.17	3.35	3	Horizontal	81	1.16	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	50.28	54.00	-3.72	32.45	3	Vertical	257	3.19	-
2412MHz	Pass	AV	2.4178G	98.99	Inf	-Inf	32.56	3	Vertical	257	3.19	-
2412MHz	Pass	PK	2.3898G	63.17	74.00	-10.83	32.45	3	Vertical	257	3.19	-
2412MHz	Pass	PK	2.417G	108.75	Inf	-Inf	32.55	3	Vertical	257	3.19	-
2412MHz	Pass	AV	2.3898G	53.73	54.00	-0.27	32.45	3	Horizontal	287	3.05	-
2412MHz	Pass	AV	2.417G	102.05	Inf	-Inf	32.55	3	Horizontal	287	3.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3896G	69.62	74.00	-4.38	32.45	3	Horizontal	287	3.05	-
2412MHz	Pass	PK	2.4164G	111.18	Inf	-Inf	32.55	3	Horizontal	287	3.05	-
2412MHz	Pass	AV	4.81704G	33.74	54.00	-20.26	3.12	3	Vertical	47	1.25	-
2412MHz	Pass	PK	4.82136G	45.72	74.00	-28.28	3.13	3	Vertical	47	1.25	-
2412MHz	Pass	AV	4.81374G	34.08	54.00	-19.92	3.11	3	Horizontal	85	1.49	-
2412MHz	Pass	PK	4.81464G	45.69	74.00	-28.31	3.11	3	Horizontal	85	1.49	-
2437MHz	Pass	AV	2.389G	48.38	54.00	-5.62	32.45	3	Vertical	257	3.16	-
2437MHz	Pass	AV	2.4422G	99.93	Inf	-Inf	32.65	3	Vertical	257	3.16	-
2437MHz	Pass	AV	2.4866G	49.15	54.00	-4.85	32.82	3	Vertical	257	3.16	-
2437MHz	Pass	PK	2.3882G	58.41	74.00	-15.59	32.45	3	Vertical	257	3.16	-
2437MHz	Pass	PK	2.4418G	109.05	Inf	-Inf	32.65	3	Vertical	257	3.16	-
2437MHz	Pass	PK	2.483502G	59.83	74.00	-14.17	32.81	3	Vertical	257	3.16	-
2437MHz	Pass	AV	2.3838G	48.06	54.00	-5.94	32.43	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	2.4414G	103.44	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	2.489G	51.31	54.00	-2.69	32.83	3	Horizontal	329	1.01	-
2437MHz	Pass	PK	2.3462G	58.99	74.00	-15.01	32.29	3	Horizontal	329	1.01	-
2437MHz	Pass	PK	2.443G	111.24	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
2437MHz	Pass	PK	2.483502G	61.90	74.00	-12.10	32.81	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	4.87334G	34.03	54.00	-19.97	3.24	3	Vertical	100	1.49	-
2437MHz	Pass	PK	4.874G	46.32	74.00	-27.68	3.24	3	Vertical	100	1.49	-
2437MHz	Pass	AV	4.8758G	36.42	54.00	-17.58	3.25	3	Horizontal	82	1.09	-
2437MHz	Pass	PK	4.87316G	48.60	74.00	-25.40	3.24	3	Horizontal	82	1.09	-
2462MHz	Pass	AV	2.458G	94.44	Inf	-Inf	32.71	3	Vertical	120	1.03	-
2462MHz	Pass	AV	2.483502G	50.64	54.00	-3.36	32.81	3	Vertical	120	1.03	-
2462MHz	Pass	PK	2.4576G	105.08	Inf	-Inf	32.71	3	Vertical	120	1.03	-
2462MHz	Pass	PK	2.4836G	68.55	74.00	-5.45	32.81	3	Vertical	120	1.03	-
2462MHz	Pass	AV	2.4672G	97.37	Inf	-Inf	32.75	3	Horizontal	329	1.14	-
2462MHz	Pass	AV	2.483502G	53.36	54.00	-0.64	32.81	3	Horizontal	329	1.14	-
2462MHz	Pass	PK	2.4674G	109.06	Inf	-Inf	32.75	3	Horizontal	329	1.14	-
2462MHz	Pass	PK	2.4836G	70.32	74.00	-3.68	32.81	3	Horizontal	329	1.14	-
2462MHz	Pass	AV	4.93708G	33.95	54.00	-20.05	3.38	3	Vertical	342	1.27	-
2462MHz	Pass	PK	4.92706G	45.54	74.00	-28.46	3.36	3	Vertical	342	1.27	-
2462MHz	Pass	AV	4.93288G	34.02	54.00	-19.98	3.37	3	Horizontal	85	1.28	-
2462MHz	Pass	PK	4.93588G	45.03	74.00	-28.97	3.38	3	Horizontal	85	1.28	-
2417MHz	Pass	AV	2.389998G	53.44	54.00	-0.56	32.45	3	Vertical	238	2.40	-
2417MHz	Pass	AV	2.4222G	101.65	Inf	-Inf	32.57	3	Vertical	238	2.40	-
2417MHz	Pass	PK	2.389998G	66.50	74.00	-7.50	32.45	3	Vertical	238	1.24	-
2417MHz	Pass	PK	2.4224G	110.34	Inf	-Inf	32.58	3	Vertical	238	2.40	-
2417MHz	Pass	AV	2.389998G	53.76	54.00	-0.24	32.45	3	Horizontal	66	1.48	-
2417MHz	Pass	AV	2.4226G	101.27	Inf	-Inf	32.58	3	Horizontal	66	1.48	-
2417MHz	Pass	PK	2.3892G	66.00	74.00	-8.00	32.45	3	Horizontal	65	2.26	-
2417MHz	Pass	PK	2.4212G	109.10	Inf	-Inf	32.57	3	Horizontal	66	1.48	-
2422MHz	Pass	AV	2.3894G	53.11	54.00	-0.89	32.45	3	Vertical	241	1.09	-
2422MHz	Pass	AV	2.4258G	103.38	Inf	-Inf	32.59	3	Vertical	241	1.09	-
2422MHz	Pass	PK	2.3888G	68.65	74.00	-5.35	32.45	3	Vertical	241	1.09	-
2422MHz	Pass	PK	2.4262G	112.87	Inf	-Inf	32.59	3	Vertical	241	1.09	-
2422MHz	Pass	AV	2.3898G	53.44	54.00	-0.56	32.45	3	Horizontal	275	3.04	-
2422MHz	Pass	AV	2.426G	106.26	Inf	-Inf	32.59	3	Horizontal	275	3.04	-
2422MHz	Pass	PK	2.389998G	68.47	74.00	-5.53	32.45	3	Horizontal	275	3.04	-

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	2.4278G	114.61	Inf	-Inf	32.60	3	Horizontal	275	3.04	-
2447MHz	Pass	AV	2.4424G	102.42	Inf	-Inf	32.65	3	Vertical	256	1.40	-
2447MHz	Pass	AV	2.483502G	51.85	54.00	-2.15	32.81	3	Vertical	256	1.40	-
2447MHz	Pass	PK	2.4402G	111.77	Inf	-Inf	32.64	3	Vertical	256	1.40	-
2447MHz	Pass	PK	2.4854G	65.99	74.00	-8.01	32.81	3	Vertical	256	1.40	-
2447MHz	Pass	AV	2.451G	100.72	Inf	-Inf	32.68	3	Horizontal	5	1.36	-
2447MHz	Pass	AV	2.483502G	51.63	54.00	-2.37	32.81	3	Horizontal	5	1.36	-
2447MHz	Pass	PK	2.452G	109.13	Inf	-Inf	32.69	3	Horizontal	5	1.36	-
2447MHz	Pass	PK	2.4848G	66.15	74.00	-7.85	32.81	3	Horizontal	5	1.36	-
2452MHz	Pass	AV	2.4466G	102.18	Inf	-Inf	32.67	3	Vertical	259	1.02	-
2452MHz	Pass	AV	2.483502G	52.67	54.00	-1.33	32.81	3	Vertical	259	1.02	-
2452MHz	Pass	PK	2.4482G	110.48	Inf	-Inf	32.67	3	Vertical	259	1.02	-
2452MHz	Pass	PK	2.4844G	67.27	74.00	-6.73	32.81	3	Vertical	259	1.02	-
2452MHz	Pass	AV	2.4592G	101.34	Inf	-Inf	32.71	3	Horizontal	65	3.03	-
2452MHz	Pass	AV	2.483502G	53.61	54.00	-0.39	32.81	3	Horizontal	65	3.03	-
2452MHz	Pass	PK	2.4586G	109.56	Inf	-Inf	32.71	3	Horizontal	65	3.03	-
2452MHz	Pass	PK	2.4838G	69.46	74.00	-4.54	32.81	3	Horizontal	65	3.02	-
2457MHz	Pass	AV	2.4622G	100.30	Inf	-Inf	32.73	3	Vertical	240	1.27	-
2457MHz	Pass	AV	2.4836G	52.87	54.00	-1.13	32.81	3	Vertical	240	1.27	-
2457MHz	Pass	PK	2.4632G	108.86	Inf	-Inf	32.73	3	Vertical	240	1.27	-
2457MHz	Pass	PK	2.483502G	66.88	74.00	-7.12	32.81	3	Vertical	240	1.27	-
2457MHz	Pass	AV	2.4624G	101.08	Inf	-Inf	32.73	3	Horizontal	66	3.04	-
2457MHz	Pass	AV	2.4836G	53.79	54.00	-0.21	32.81	3	Horizontal	66	3.04	-
2457MHz	Pass	PK	2.4632G	109.41	Inf	-Inf	32.73	3	Horizontal	66	3.04	-
2457MHz	Pass	PK	2.483502G	67.98	74.00	-6.02	32.81	3	Horizontal	66	3.04	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	50.49	54.00	-3.51	32.45	3	Vertical	258	3.19	-
2412MHz	Pass	AV	2.419G	98.10	Inf	-Inf	32.56	3	Vertical	258	3.19	-
2412MHz	Pass	PK	2.3898G	64.33	74.00	-9.67	32.45	3	Vertical	258	3.19	-
2412MHz	Pass	PK	2.4158G	106.47	Inf	-Inf	32.55	3	Vertical	258	3.19	-
2412MHz	Pass	AV	2.389998G	52.67	54.00	-1.33	32.45	3	Horizontal	286	3.04	-
2412MHz	Pass	AV	2.417G	101.16	Inf	-Inf	32.55	3	Horizontal	286	3.04	-
2412MHz	Pass	PK	2.3898G	67.78	74.00	-6.22	32.45	3	Horizontal	286	3.04	-
2412MHz	Pass	PK	2.416G	109.68	Inf	-Inf	32.55	3	Horizontal	286	3.04	-
2412MHz	Pass	AV	4.812G	33.53	54.00	-20.47	3.11	3	Vertical	228	1.50	-
2412MHz	Pass	PK	4.81602G	45.18	74.00	-28.82	3.12	3	Vertical	228	1.50	-
2412MHz	Pass	AV	4.81626G	33.97	54.00	-20.03	3.12	3	Horizontal	78	1.05	-
2412MHz	Pass	PK	4.8168G	46.02	74.00	-27.98	3.12	3	Horizontal	78	1.05	-
2437MHz	Pass	AV	2.3858G	48.33	54.00	-5.67	32.43	3	Vertical	251	2.82	-
2437MHz	Pass	AV	2.4418G	99.58	Inf	-Inf	32.65	3	Vertical	251	2.82	-
2437MHz	Pass	AV	2.4886G	50.65	54.00	-3.35	32.83	3	Vertical	251	2.82	-
2437MHz	Pass	PK	2.377G	58.72	74.00	-15.28	32.40	3	Vertical	251	2.82	-
2437MHz	Pass	PK	2.4418G	108.82	Inf	-Inf	32.65	3	Vertical	251	2.82	-
2437MHz	Pass	PK	2.4962G	60.09	74.00	-13.91	32.86	3	Vertical	251	2.82	-
2437MHz	Pass	AV	2.3898G	48.13	54.00	-5.87	32.45	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	2.4414G	102.90	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	2.4886G	51.92	54.00	-2.08	32.83	3	Horizontal	329	1.01	-
2437MHz	Pass	PK	2.347G	59.69	74.00	-14.31	32.29	3	Horizontal	329	1.01	-
2437MHz	Pass	PK	2.4426G	110.80	Inf	-Inf	32.65	3	Horizontal	329	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4898G	62.09	74.00	-11.91	32.83	3	Horizontal	329	1.01	-
2437MHz	Pass	AV	4.87418G	35.41	54.00	-18.59	3.24	3	Vertical	310	1.01	-
2437MHz	Pass	PK	4.87538G	46.89	74.00	-27.11	3.25	3	Vertical	310	1.01	-
2437MHz	Pass	AV	4.87334G	36.66	54.00	-17.34	3.24	3	Horizontal	75	1.07	-
2437MHz	Pass	PK	4.8734G	48.29	74.00	-25.71	3.24	3	Horizontal	75	1.07	-
2462MHz	Pass	AV	2.458G	96.24	Inf	-Inf	32.71	3	Vertical	126	1.03	-
2462MHz	Pass	AV	2.483502G	51.08	54.00	-2.92	32.81	3	Vertical	126	1.03	-
2462MHz	Pass	PK	2.458G	105.19	Inf	-Inf	32.71	3	Vertical	126	1.03	-
2462MHz	Pass	PK	2.4836G	67.68	74.00	-6.32	32.81	3	Vertical	126	1.03	-
2462MHz	Pass	AV	2.467G	98.84	Inf	-Inf	32.74	3	Horizontal	325	1.29	-
2462MHz	Pass	AV	2.483502G	53.52	54.00	-0.48	32.81	3	Horizontal	325	1.29	-
2462MHz	Pass	PK	2.4674G	107.39	Inf	-Inf	32.75	3	Horizontal	325	1.29	-
2462MHz	Pass	PK	2.484G	70.07	74.00	-3.93	32.81	3	Horizontal	325	1.29	-
2462MHz	Pass	AV	4.9375G	33.89	54.00	-20.11	3.38	3	Vertical	101	1.50	-
2462MHz	Pass	PK	4.92988G	45.10	74.00	-28.90	3.36	3	Vertical	101	1.50	-
2462MHz	Pass	AV	4.93528G	33.81	54.00	-20.19	3.37	3	Horizontal	138	1.50	-
2462MHz	Pass	PK	4.92754G	45.88	74.00	-28.12	3.36	3	Horizontal	138	1.50	-
2417MHz	Pass	AV	2.389998G	53.28	54.00	-0.72	32.45	3	Vertical	255	1.10	-
2417MHz	Pass	AV	2.4222G	101.53	Inf	-Inf	32.57	3	Vertical	255	1.10	-
2417MHz	Pass	PK	2.389998G	66.73	74.00	-7.27	32.45	3	Vertical	255	1.10	-
2417MHz	Pass	PK	2.4206G	109.51	Inf	-Inf	32.57	3	Vertical	255	1.10	-
2417MHz	Pass	AV	2.3898G	53.44	54.00	-0.56	32.45	3	Horizontal	277	3.06	-
2417MHz	Pass	AV	2.4226G	103.84	Inf	-Inf	32.58	3	Horizontal	277	3.06	-
2417MHz	Pass	PK	2.389998G	68.00	74.00	-6.00	32.45	3	Horizontal	277	3.06	-
2417MHz	Pass	PK	2.4146G	112.67	Inf	-Inf	32.55	3	Horizontal	277	3.06	-
2422MHz	Pass	AV	2.389998G	52.42	54.00	-1.58	32.45	3	Vertical	257	1.09	-
2422MHz	Pass	AV	2.423G	102.51	Inf	-Inf	32.58	3	Vertical	257	1.09	-
2422MHz	Pass	PK	2.3898G	65.93	74.00	-8.07	32.45	3	Vertical	257	1.09	-
2422MHz	Pass	PK	2.424G	111.89	Inf	-Inf	32.58	3	Vertical	257	1.09	-
2422MHz	Pass	AV	2.3898G	53.28	54.00	-0.72	32.45	3	Horizontal	274	3.04	-
2422MHz	Pass	AV	2.4276G	105.03	Inf	-Inf	32.59	3	Horizontal	274	3.04	-
2422MHz	Pass	PK	2.389998G	67.19	74.00	-6.81	32.45	3	Horizontal	274	3.04	-
2422MHz	Pass	PK	2.4262G	113.77	Inf	-Inf	32.59	3	Horizontal	274	3.04	-
2427MHz	Pass	AV	2.3898G	51.46	54.00	-2.54	32.45	3	Vertical	258	1.08	-
2427MHz	Pass	AV	2.422G	103.69	Inf	-Inf	32.57	3	Vertical	258	1.08	-
2427MHz	Pass	PK	2.3884G	66.14	74.00	-7.86	32.45	3	Vertical	258	1.08	-
2427MHz	Pass	PK	2.4204G	112.51	Inf	-Inf	32.57	3	Vertical	258	1.08	-
2427MHz	Pass	AV	2.389998G	51.86	54.00	-2.14	32.45	3	Horizontal	275	3.05	-
2427MHz	Pass	AV	2.4216G	105.84	Inf	-Inf	32.57	3	Horizontal	275	3.05	-
2427MHz	Pass	PK	2.3892G	66.35	74.00	-7.65	32.45	3	Horizontal	275	3.05	-
2427MHz	Pass	PK	2.4228G	115.17	Inf	-Inf	32.58	3	Horizontal	275	3.05	-
2447MHz	Pass	AV	2.4412G	102.72	Inf	-Inf	32.65	3	Vertical	258	1.01	-
2447MHz	Pass	AV	2.4836G	52.67	54.00	-1.33	32.81	3	Vertical	258	1.01	-
2447MHz	Pass	PK	2.4424G	110.81	Inf	-Inf	32.65	3	Vertical	258	1.01	-
2447MHz	Pass	PK	2.4878G	67.56	74.00	-6.44	32.83	3	Vertical	258	1.01	-
2447MHz	Pass	AV	2.452G	100.43	Inf	-Inf	32.69	3	Horizontal	7	1.36	-
2447MHz	Pass	AV	2.483502G	52.27	54.00	-1.73	32.81	3	Horizontal	7	1.36	-
2447MHz	Pass	PK	2.4534G	109.21	Inf	-Inf	32.69	3	Horizontal	7	1.36	-
2447MHz	Pass	PK	2.4836G	66.03	74.00	-7.97	32.81	3	Horizontal	7	1.36	-

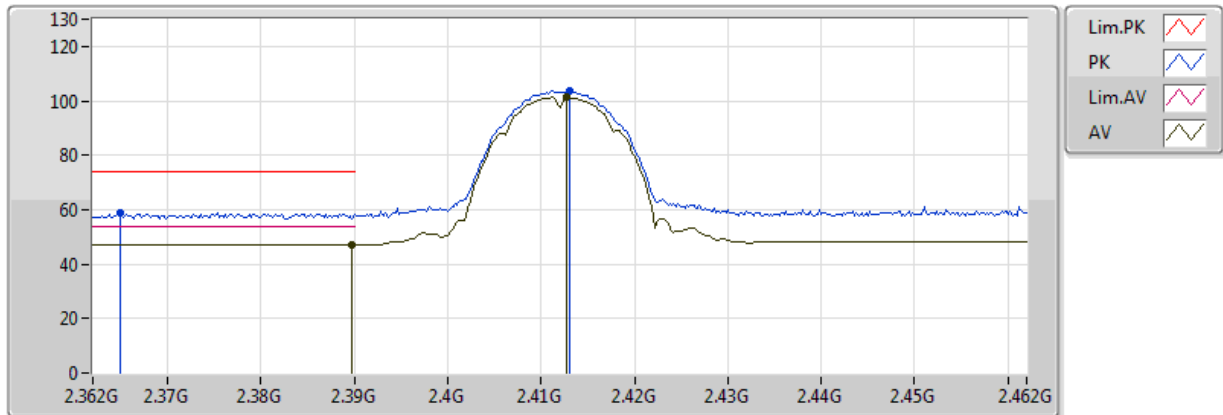
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.4472G	100.81	Inf	-Inf	32.67	3	Vertical	239	1.02	-
2452MHz	Pass	AV	2.483502G	52.87	54.00	-1.13	32.81	3	Vertical	239	1.02	-
2452MHz	Pass	PK	2.4538G	109.64	Inf	-Inf	32.69	3	Vertical	239	1.02	-
2452MHz	Pass	PK	2.4836G	66.91	74.00	-7.09	32.81	3	Vertical	239	1.02	-
2452MHz	Pass	AV	2.4596G	101.10	Inf	-Inf	32.72	3	Horizontal	60	2.23	-
2452MHz	Pass	AV	2.483502G	53.79	54.00	-0.21	32.81	3	Horizontal	60	2.23	-
2452MHz	Pass	PK	2.454G	109.63	Inf	-Inf	32.70	3	Horizontal	60	2.23	-
2452MHz	Pass	PK	2.484G	67.13	74.00	-6.87	32.81	3	Horizontal	60	2.23	-
2457MHz	Pass	AV	2.462G	99.92	Inf	-Inf	32.73	3	Vertical	240	1.28	-
2457MHz	Pass	AV	2.4836G	52.67	54.00	-1.33	32.81	3	Vertical	240	1.28	-
2457MHz	Pass	PK	2.464G	108.57	Inf	-Inf	32.73	3	Vertical	240	1.28	-
2457MHz	Pass	PK	2.4836G	66.27	74.00	-7.73	32.81	3	Vertical	240	1.28	-
2457MHz	Pass	AV	2.4646G	100.26	Inf	-Inf	32.74	3	Horizontal	67	3.05	-
2457MHz	Pass	AV	2.483502G	53.43	54.00	-0.57	32.81	3	Horizontal	67	3.05	-
2457MHz	Pass	PK	2.4616G	108.86	Inf	-Inf	32.72	3	Horizontal	67	3.05	-
2457MHz	Pass	PK	2.4848G	68.48	74.00	-5.52	32.81	3	Horizontal	67	3.05	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	52.10	54.00	-1.90	32.45	3	Vertical	259	3.19	-
2422MHz	Pass	AV	2.4192G	94.42	Inf	-Inf	32.56	3	Vertical	259	3.19	-
2422MHz	Pass	AV	2.4848G	48.45	54.00	-5.55	32.81	3	Vertical	259	3.19	-
2422MHz	Pass	PK	2.3872G	65.74	74.00	-8.26	32.44	3	Vertical	259	3.19	-
2422MHz	Pass	PK	2.4196G	104.63	Inf	-Inf	32.56	3	Vertical	259	3.19	-
2422MHz	Pass	PK	2.4868G	60.23	74.00	-13.77	32.82	3	Vertical	259	3.19	-
2422MHz	Pass	AV	2.389998G	53.62	54.00	-0.38	32.45	3	Horizontal	328	1.02	-
2422MHz	Pass	AV	2.4348G	96.16	Inf	-Inf	32.62	3	Horizontal	328	1.02	-
2422MHz	Pass	AV	2.483502G	49.21	54.00	-4.79	32.81	3	Horizontal	328	1.02	-
2422MHz	Pass	PK	2.3892G	67.59	74.00	-6.41	32.45	3	Horizontal	328	1.02	-
2422MHz	Pass	PK	2.4344G	105.38	Inf	-Inf	32.62	3	Horizontal	328	1.02	-
2422MHz	Pass	PK	2.484G	62.97	74.00	-11.03	32.81	3	Horizontal	328	1.02	-
2422MHz	Pass	AV	4.83542G	34.28	54.00	-19.72	3.16	3	Vertical	301	1.32	-
2422MHz	Pass	PK	4.84094G	44.96	74.00	-29.04	3.17	3	Vertical	301	1.32	-
2422MHz	Pass	AV	4.83566G	34.28	54.00	-19.72	3.16	3	Horizontal	152	1.50	-
2422MHz	Pass	PK	4.82918G	44.99	74.00	-29.01	3.14	3	Horizontal	152	1.50	-
2437MHz	Pass	AV	2.3898G	47.76	54.00	-6.24	32.45	3	Vertical	256	3.19	-
2437MHz	Pass	AV	2.4242G	93.95	Inf	-Inf	32.58	3	Vertical	256	3.19	-
2437MHz	Pass	AV	2.4846G	51.03	54.00	-2.97	32.81	3	Vertical	256	3.19	-
2437MHz	Pass	PK	2.389G	58.78	74.00	-15.22	32.45	3	Vertical	256	3.19	-
2437MHz	Pass	PK	2.4502G	102.65	Inf	-Inf	32.68	3	Vertical	256	3.19	-
2437MHz	Pass	PK	2.485G	63.05	74.00	-10.95	32.81	3	Vertical	256	3.19	-
2437MHz	Pass	AV	2.3898G	48.71	54.00	-5.29	32.45	3	Horizontal	327	1.01	-
2437MHz	Pass	AV	2.4434G	96.54	Inf	-Inf	32.65	3	Horizontal	327	1.01	-
2437MHz	Pass	AV	2.4842G	53.87	54.00	-0.13	32.81	3	Horizontal	327	1.01	-
2437MHz	Pass	PK	2.3898G	60.24	74.00	-13.76	32.45	3	Horizontal	327	1.01	-
2437MHz	Pass	PK	2.4474G	105.76	Inf	-Inf	32.67	3	Horizontal	327	1.01	-
2437MHz	Pass	PK	2.483502G	67.66	74.00	-6.34	32.81	3	Horizontal	327	1.01	-
2437MHz	Pass	AV	4.87166G	34.11	54.00	-19.89	3.24	3	Vertical	260	1.50	-
2437MHz	Pass	PK	4.85936G	44.96	74.00	-29.04	3.21	3	Vertical	260	1.50	-
2437MHz	Pass	AV	4.87514G	34.42	54.00	-19.58	3.25	3	Horizontal	80	1.50	-
2437MHz	Pass	PK	4.88246G	45.80	74.00	-28.20	3.26	3	Horizontal	80	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.3868G	47.15	54.00	-6.85	32.44	3	Vertical	122	1.01	-
2452MHz	Pass	AV	2.4612G	91.66	Inf	-Inf	32.72	3	Vertical	122	1.01	-
2452MHz	Pass	AV	2.483502G	50.85	54.00	-3.15	32.81	3	Vertical	122	1.01	-
2452MHz	Pass	PK	2.3796G	58.71	74.00	-15.29	32.42	3	Vertical	122	1.01	-
2452MHz	Pass	PK	2.4624G	101.40	Inf	-Inf	32.73	3	Vertical	122	1.01	-
2452MHz	Pass	PK	2.486G	66.89	74.00	-7.11	32.81	3	Vertical	122	1.01	-
2452MHz	Pass	AV	2.3888G	47.13	54.00	-6.87	32.45	3	Horizontal	328	1.01	-
2452MHz	Pass	AV	2.448G	94.45	Inf	-Inf	32.67	3	Horizontal	328	1.01	-
2452MHz	Pass	AV	2.483502G	52.97	54.00	-1.03	32.81	3	Horizontal	328	1.01	-
2452MHz	Pass	PK	2.378G	59.01	74.00	-14.99	32.40	3	Horizontal	328	1.01	-
2452MHz	Pass	PK	2.4384G	104.21	Inf	-Inf	32.64	3	Horizontal	328	1.01	-
2452MHz	Pass	PK	2.4852G	71.04	74.00	-2.96	32.81	3	Horizontal	328	1.01	-
2452MHz	Pass	AV	4.91432G	33.86	54.00	-20.14	3.33	3	Vertical	14	1.50	-
2452MHz	Pass	PK	4.90004G	44.88	74.00	-29.12	3.30	3	Vertical	14	1.50	-
2452MHz	Pass	AV	4.8944G	34.03	54.00	-19.97	3.29	3	Horizontal	275	1.50	-
2452MHz	Pass	PK	4.9046G	44.43	74.00	-29.57	3.31	3	Horizontal	275	1.50	-
2442MHz	Pass	AV	2.3896G	50.15	54.00	-3.85	32.45	3	Vertical	258	1.01	-
2442MHz	Pass	AV	2.4316G	97.39	Inf	-Inf	32.61	3	Vertical	258	1.01	-
2442MHz	Pass	AV	2.483502G	53.24	54.00	-0.76	32.81	3	Vertical	258	1.01	-
2442MHz	Pass	PK	2.3892G	60.64	74.00	-13.36	32.45	3	Vertical	258	1.01	-
2442MHz	Pass	PK	2.4364G	106.71	Inf	-Inf	32.63	3	Vertical	258	1.01	-
2442MHz	Pass	PK	2.483502G	66.58	74.00	-7.42	32.81	3	Vertical	258	1.01	-
2442MHz	Pass	AV	2.389998G	50.83	54.00	-3.17	32.45	3	Horizontal	276	3.05	-
2442MHz	Pass	AV	2.4288G	99.44	Inf	-Inf	32.60	3	Horizontal	276	3.05	-
2442MHz	Pass	AV	2.484G	53.43	54.00	-0.57	32.81	3	Horizontal	276	3.05	-
2442MHz	Pass	PK	2.3896G	60.31	74.00	-13.69	32.45	3	Horizontal	276	3.05	-
2442MHz	Pass	PK	2.4284G	107.99	Inf	-Inf	32.60	3	Horizontal	276	3.05	-
2442MHz	Pass	PK	2.4856G	69.10	74.00	-4.90	32.81	3	Horizontal	276	3.05	-
2447MHz	Pass	AV	2.389G	49.66	54.00	-4.34	32.45	3	Vertical	258	1.00	-
2447MHz	Pass	AV	2.4374G	96.55	Inf	-Inf	32.63	3	Vertical	258	1.00	-
2447MHz	Pass	AV	2.483502G	52.27	54.00	-1.73	32.81	3	Vertical	258	1.00	-
2447MHz	Pass	PK	2.3494G	60.64	74.00	-13.36	32.30	3	Vertical	258	1.00	-
2447MHz	Pass	PK	2.4358G	105.12	Inf	-Inf	32.63	3	Vertical	258	1.00	-
2447MHz	Pass	PK	2.483502G	69.51	74.00	-4.49	32.81	3	Vertical	258	1.00	-
2447MHz	Pass	AV	2.3886G	49.66	54.00	-4.34	32.45	3	Horizontal	274	3.02	-
2447MHz	Pass	AV	2.4354G	98.57	Inf	-Inf	32.62	3	Horizontal	274	3.02	-
2447MHz	Pass	AV	2.483502G	53.60	54.00	-0.40	32.81	3	Horizontal	274	3.02	-
2447MHz	Pass	PK	2.3806G	60.09	74.00	-13.91	32.42	3	Horizontal	274	3.02	-
2447MHz	Pass	PK	2.4602G	107.22	Inf	-Inf	32.72	3	Horizontal	274	3.02	-
2447MHz	Pass	PK	2.4846G	71.66	74.00	-2.34	32.81	3	Horizontal	274	3.02	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

05/05/2018

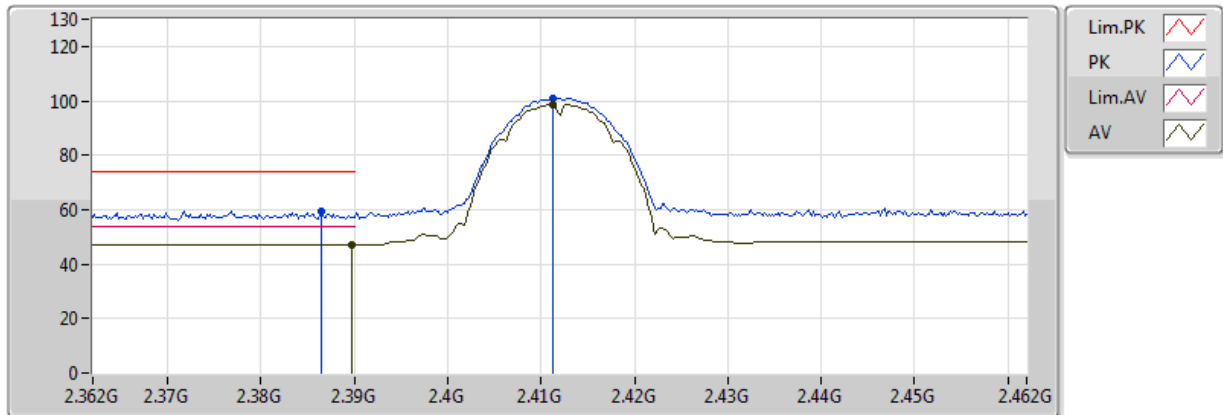


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.28	54.00	-6.72	32.45	3	Vertical	246	1.03	-
AV	2.4128G	101.34	Inf	-Inf	32.54	3	Vertical	246	1.03	-
PK	2.365G	59.00	74.00	-15.00	32.36	3	Vertical	246	1.03	-
PK	2.413G	103.45	Inf	-Inf	32.54	3	Vertical	246	1.03	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

05/05/2018

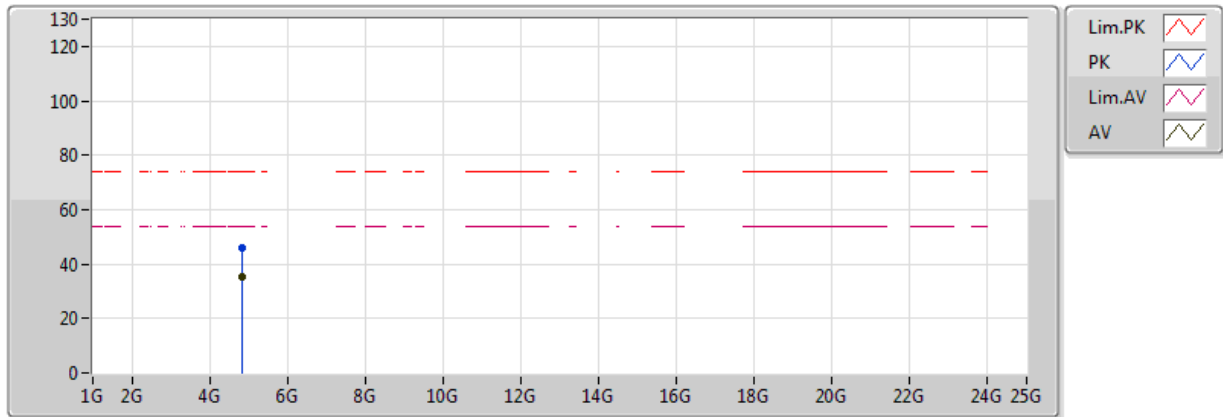


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.28	54.00	-6.72	32.45	3	Horizontal	49	1.50	-
AV	2.4112G	98.81	Inf	-Inf	32.53	3	Horizontal	49	1.50	-
PK	2.3864G	59.48	74.00	-14.52	32.43	3	Horizontal	49	1.50	-
PK	2.4112G	101.05	Inf	-Inf	32.53	3	Horizontal	49	1.50	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

05/05/2018

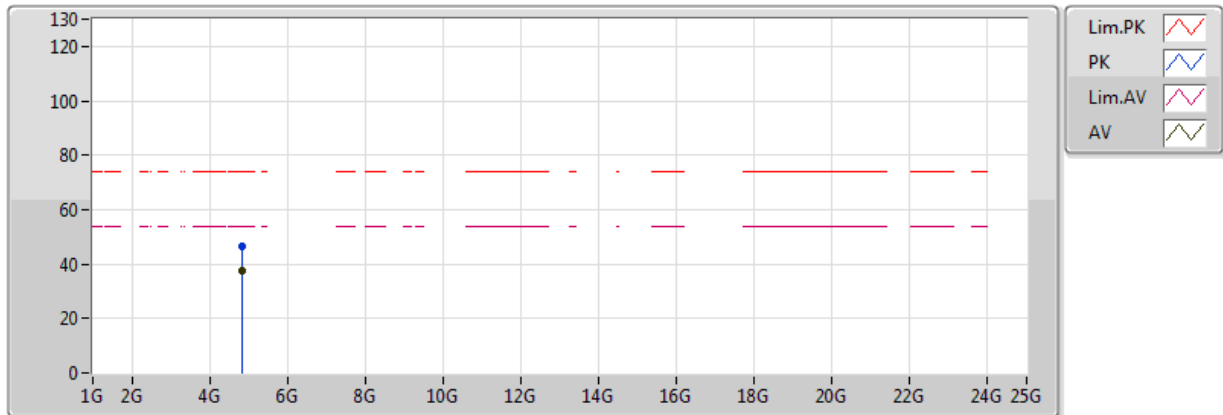


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	35.23	54.00	-18.77	3.13	3	Vertical	38	1.21	-
PK	4.8237G	45.67	74.00	-28.33	3.13	3	Vertical	38	1.21	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

05/05/2018

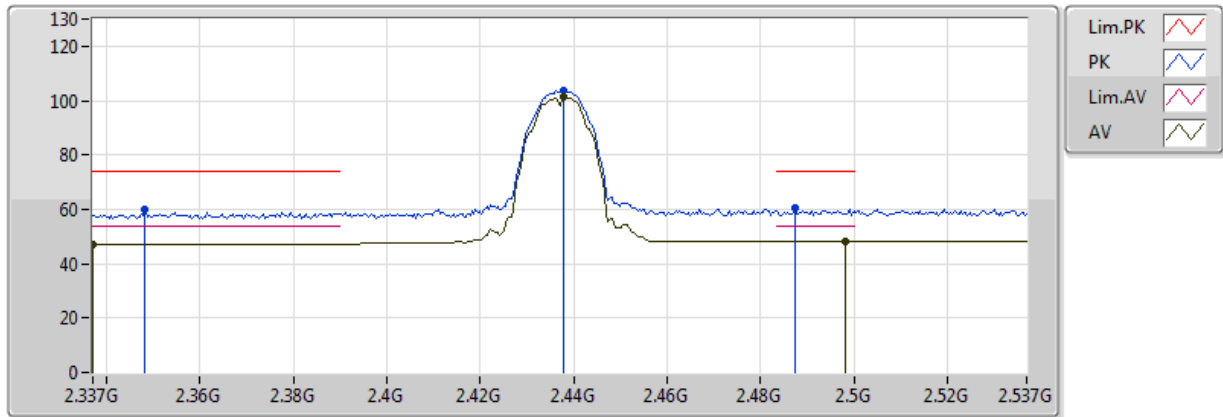


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	37.51	54.00	-16.49	3.13	3	Horizontal	68	1.19	-
PK	4.82406G	46.51	74.00	-27.49	3.13	3	Horizontal	68	1.19	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

05/05/2018

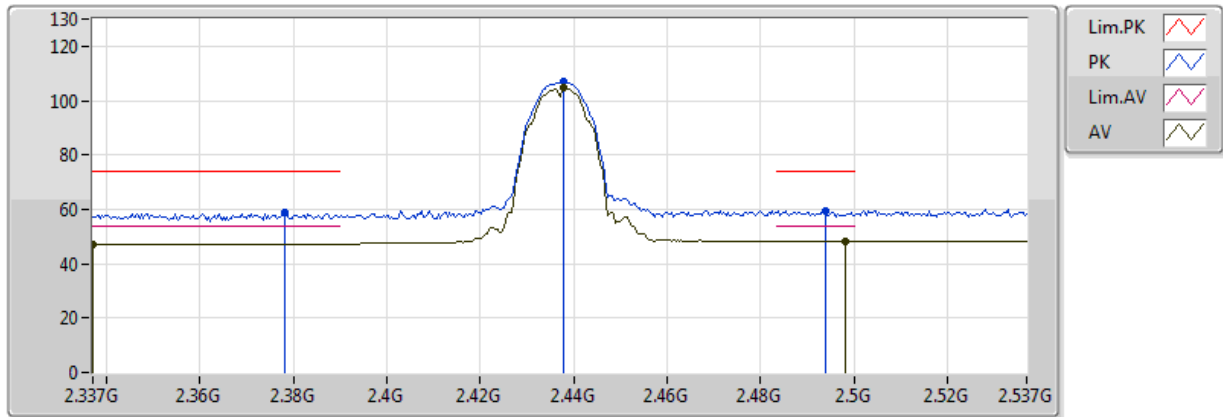


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.337G	47.28	54.00	-6.72	32.25	3	Vertical	253	3.16	-
AV	2.4378G	101.50	Inf	-Inf	32.63	3	Vertical	253	3.16	-
AV	2.4982G	48.34	54.00	-5.66	32.87	3	Vertical	253	3.16	-
PK	2.3482G	59.75	74.00	-14.25	32.30	3	Vertical	253	3.16	-
PK	2.4378G	103.80	Inf	-Inf	32.63	3	Vertical	253	3.16	-
PK	2.4874G	60.28	74.00	-13.72	32.82	3	Vertical	253	3.16	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

05/05/2018

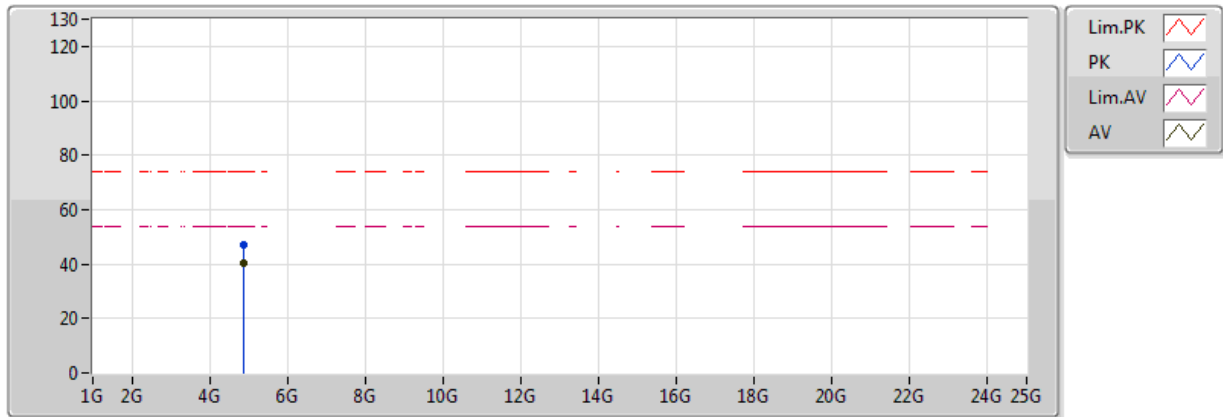


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.337G	47.28	54.00	-6.72	32.25	3	Horizontal	325	1.01	-
AV	2.4378G	104.60	Inf	-Inf	32.63	3	Horizontal	325	1.01	-
AV	2.4982G	48.34	54.00	-5.66	32.87	3	Horizontal	325	1.01	-
PK	2.3782G	58.72	74.00	-15.28	32.40	3	Horizontal	325	1.01	-
PK	2.4378G	106.88	Inf	-Inf	32.63	3	Horizontal	325	1.01	-
PK	2.4938G	59.62	74.00	-14.38	32.84	3	Horizontal	325	1.01	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

05/05/2018

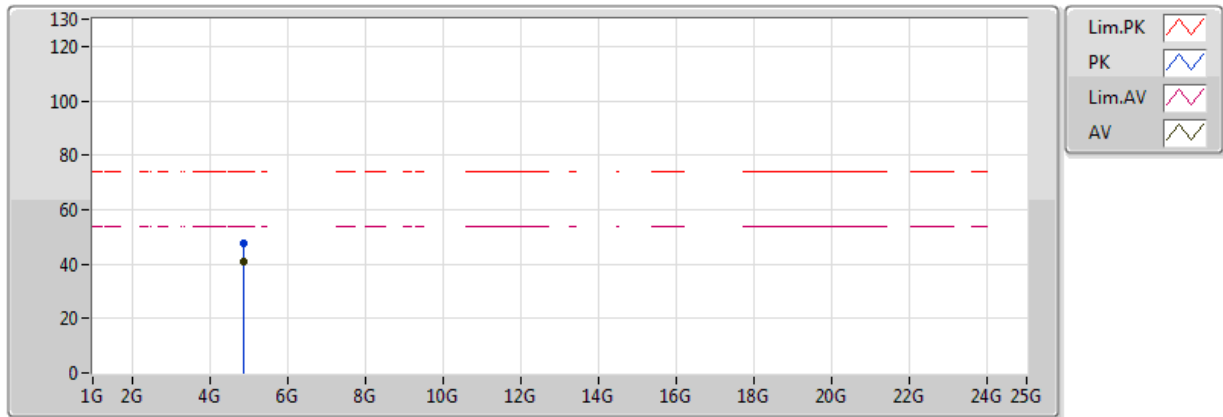


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	40.37	54.00	-13.63	3.24	3	Vertical	316	1.04	-
PK	4.87424G	47.25	74.00	-26.75	3.24	3	Vertical	316	1.04	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

05/05/2018

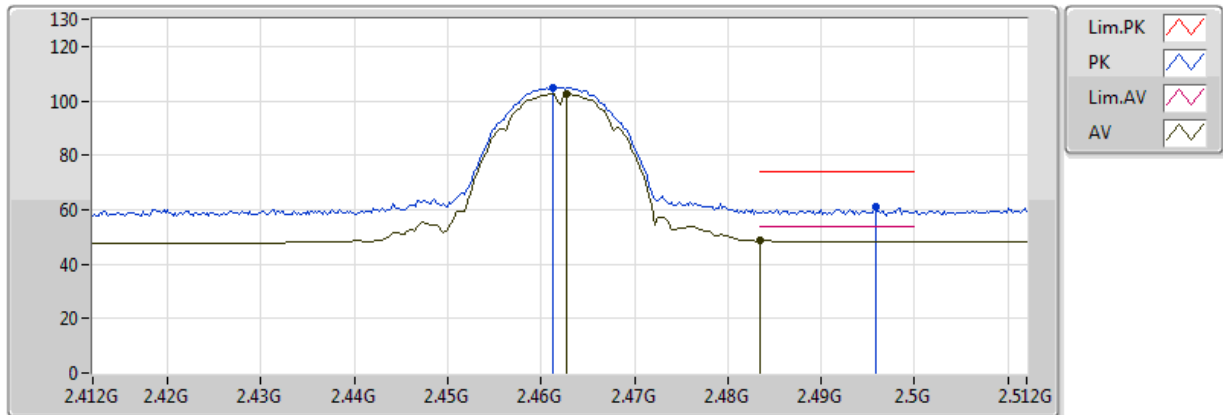


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	40.74	54.00	-13.26	3.24	3	Horizontal	69	1.07	-
PK	4.87394G	47.61	74.00	-26.39	3.24	3	Horizontal	69	1.07	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

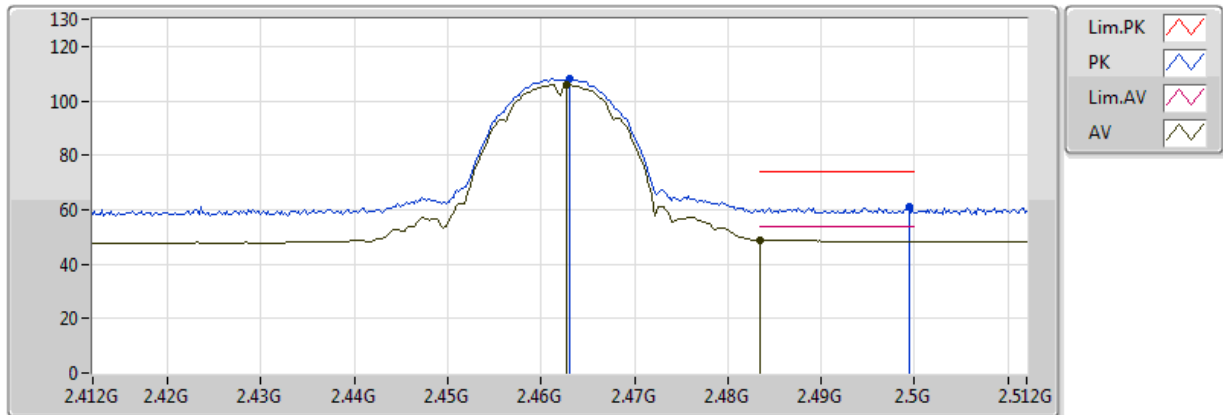
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802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

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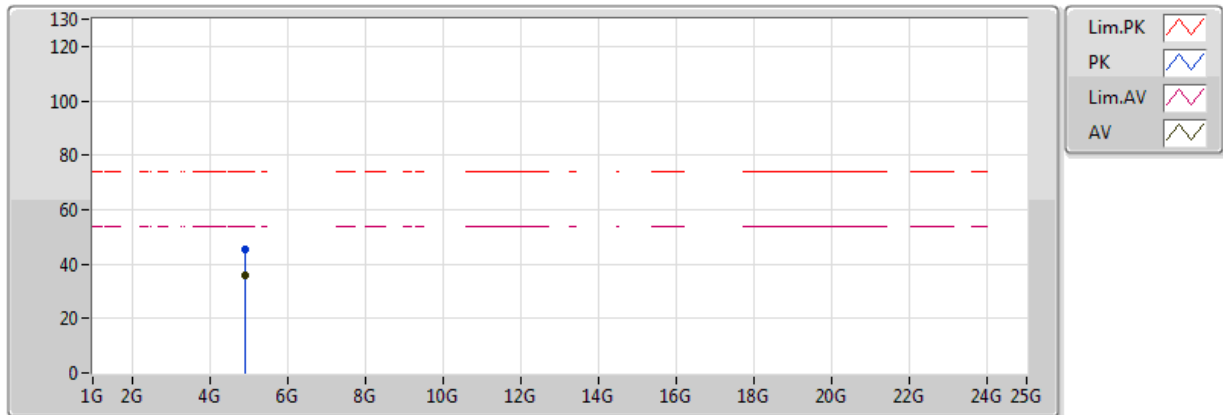


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4628G	106.02	Inf	-Inf	32.73	3	Horizontal	325	1.28	-
AV	2.483502G	48.87	54.00	-5.13	32.81	3	Horizontal	325	1.28	-
PK	2.463G	108.12	Inf	-Inf	32.73	3	Horizontal	325	1.28	-
PK	2.4994G	61.07	74.00	-12.93	32.87	3	Horizontal	325	1.28	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

05/05/2018

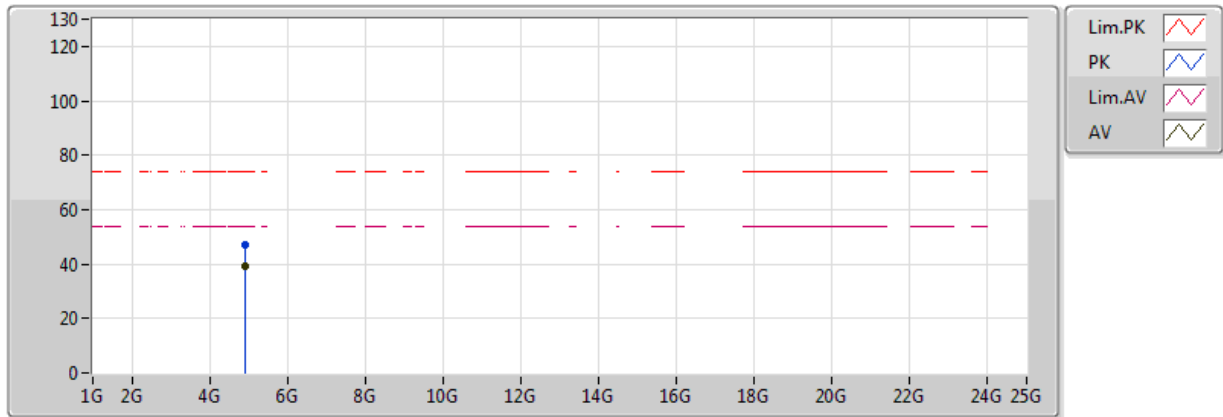


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92394G	35.71	54.00	-18.29	3.35	3	Vertical	112	1.45	-
PK	4.92388G	45.46	74.00	-28.54	3.35	3	Vertical	112	1.45	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

05/05/2018

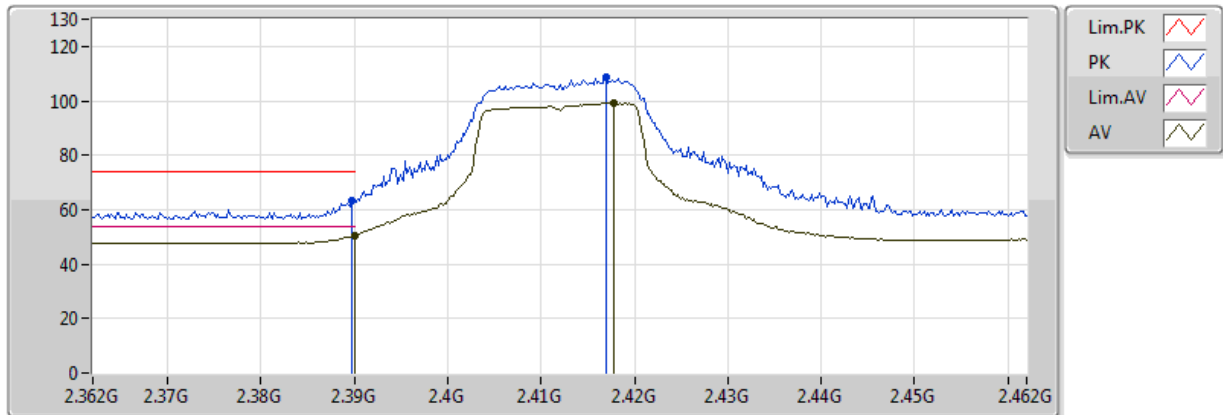


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	39.42	54.00	-14.58	3.35	3	Horizontal	81	1.16	-
PK	4.92382G	46.83	74.00	-27.17	3.35	3	Horizontal	81	1.16	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

05/05/2018

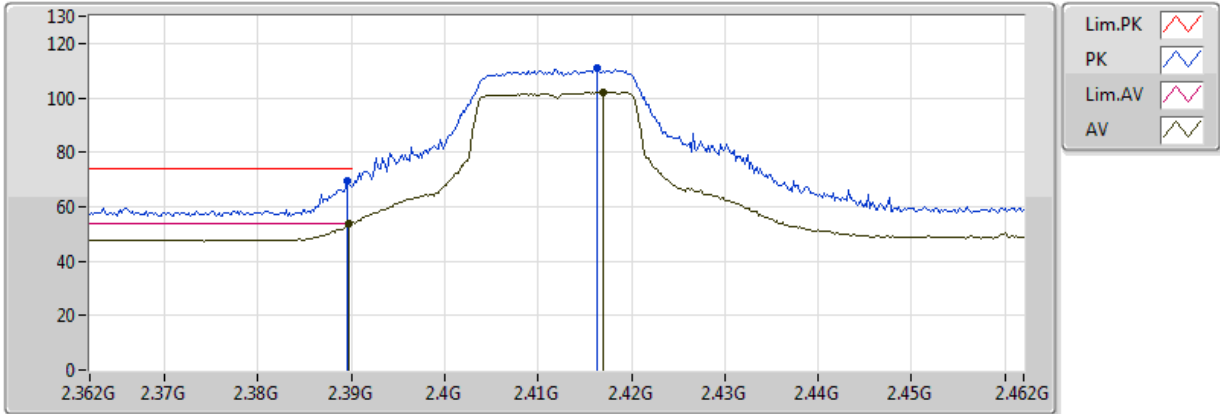


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	50.28	54.00	-3.72	32.45	3	Vertical	257	3.19	-
AV	2.4178G	98.99	Inf	-Inf	32.56	3	Vertical	257	3.19	-
PK	2.3898G	63.17	74.00	-10.83	32.45	3	Vertical	257	3.19	-
PK	2.417G	108.75	Inf	-Inf	32.55	3	Vertical	257	3.19	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

05/05/2018

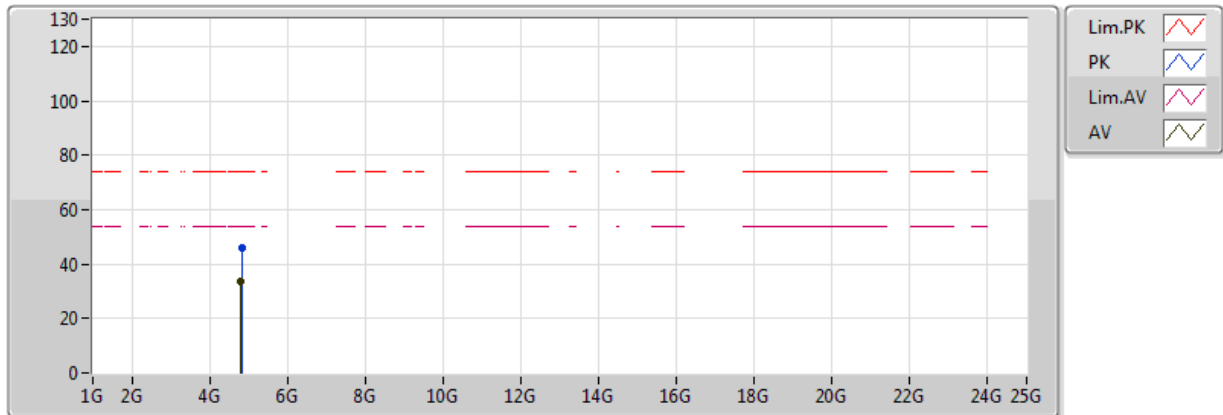


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.73	54.00	-0.27	32.45	3	Horizontal	287	3.05	-
AV	2.417G	102.05	Inf	-Inf	32.55	3	Horizontal	287	3.05	-
PK	2.3896G	69.62	74.00	-4.38	32.45	3	Horizontal	287	3.05	-
PK	2.4164G	111.18	Inf	-Inf	32.55	3	Horizontal	287	3.05	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

05/05/2018

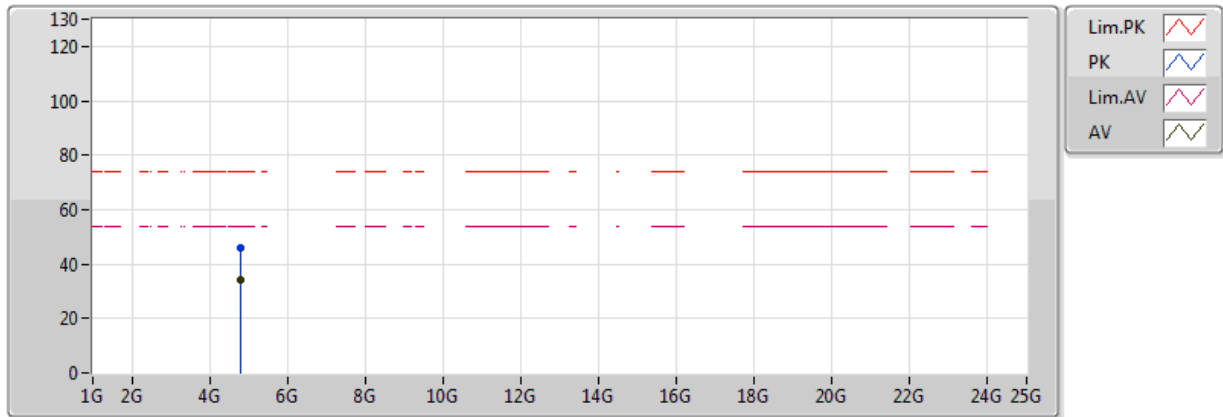


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81704G	33.74	54.00	-20.26	3.12	3	Vertical	47	1.25	-
PK	4.82136G	45.72	74.00	-28.28	3.13	3	Vertical	47	1.25	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

05/05/2018

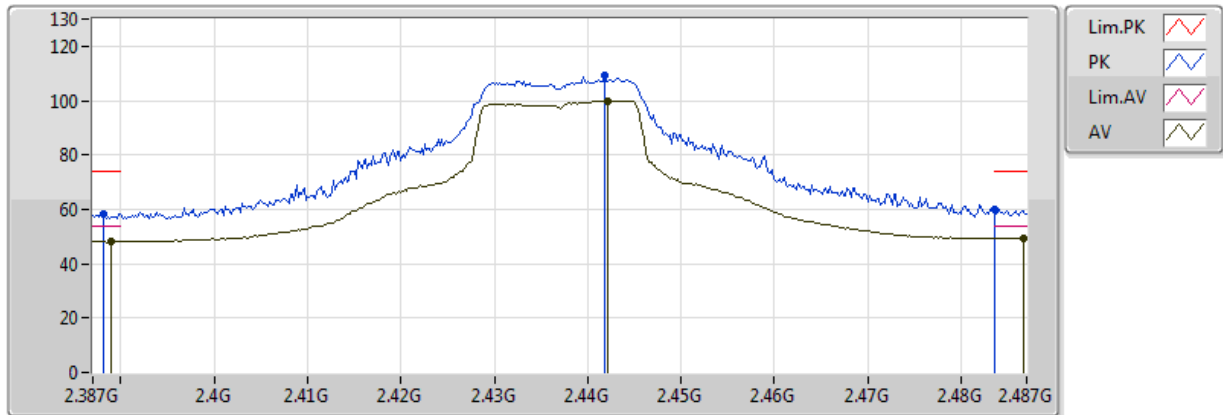


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81374G	34.08	54.00	-19.92	3.11	3	Horizontal	85	1.49	-
PK	4.81464G	45.69	74.00	-28.31	3.11	3	Horizontal	85	1.49	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

05/05/2018

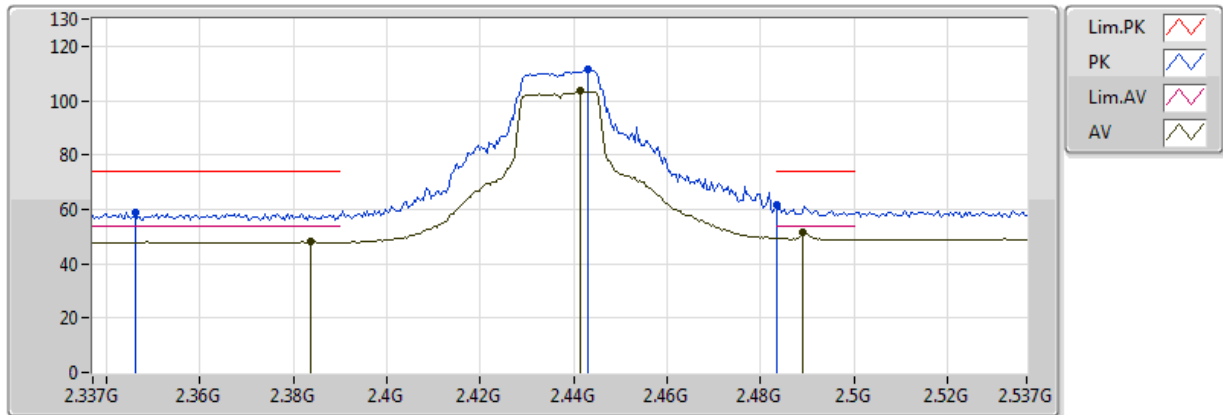


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	48.38	54.00	-5.62	32.45	3	Vertical	257	3.16	-
AV	2.4422G	99.93	Inf	-Inf	32.65	3	Vertical	257	3.16	-
AV	2.4866G	49.15	54.00	-4.85	32.82	3	Vertical	257	3.16	-
PK	2.3882G	58.41	74.00	-15.59	32.45	3	Vertical	257	3.16	-
PK	2.4418G	109.05	Inf	-Inf	32.65	3	Vertical	257	3.16	-
PK	2.483502G	59.83	74.00	-14.17	32.81	3	Vertical	257	3.16	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

05/05/2018

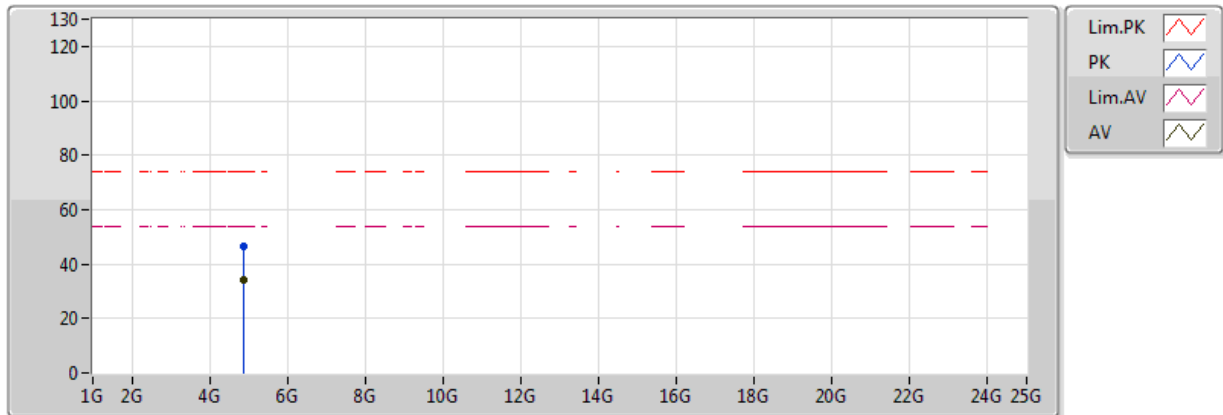


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3838G	48.06	54.00	-5.94	32.43	3	Horizontal	329	1.01	-
AV	2.4414G	103.44	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
AV	2.489G	51.31	54.00	-2.69	32.83	3	Horizontal	329	1.01	-
PK	2.3462G	58.99	74.00	-15.01	32.29	3	Horizontal	329	1.01	-
PK	2.443G	111.24	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
PK	2.483502G	61.90	74.00	-12.10	32.81	3	Horizontal	329	1.01	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

05/05/2018

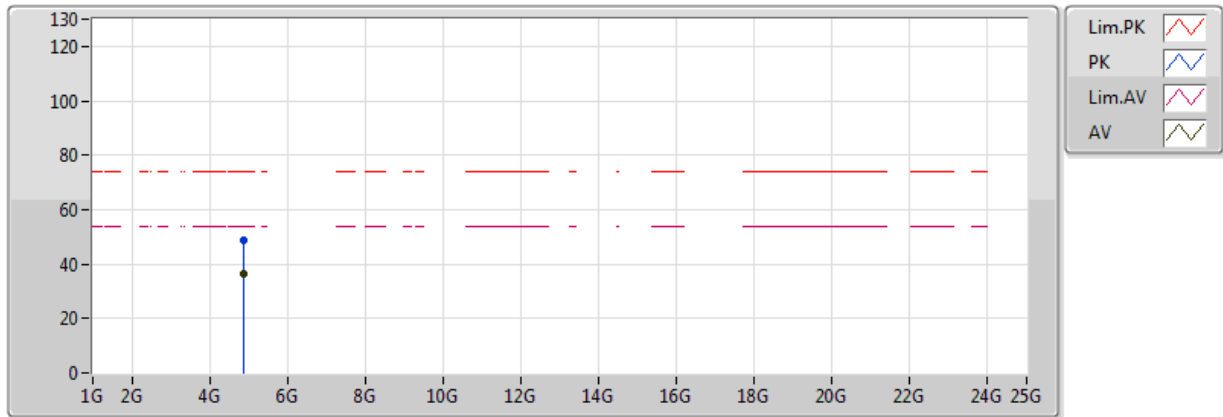


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87334G	34.03	54.00	-19.97	3.24	3	Vertical	100	1.49	-
PK	4.874G	46.32	74.00	-27.68	3.24	3	Vertical	100	1.49	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

05/05/2018

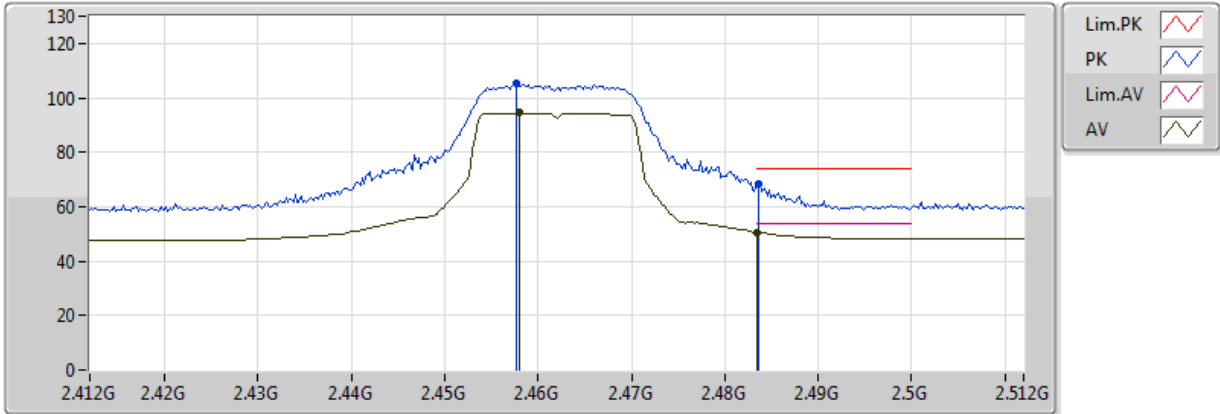


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8758G	36.42	54.00	-17.58	3.25	3	Horizontal	82	1.09	-
PK	4.87316G	48.60	74.00	-25.40	3.24	3	Horizontal	82	1.09	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

05/05/2018

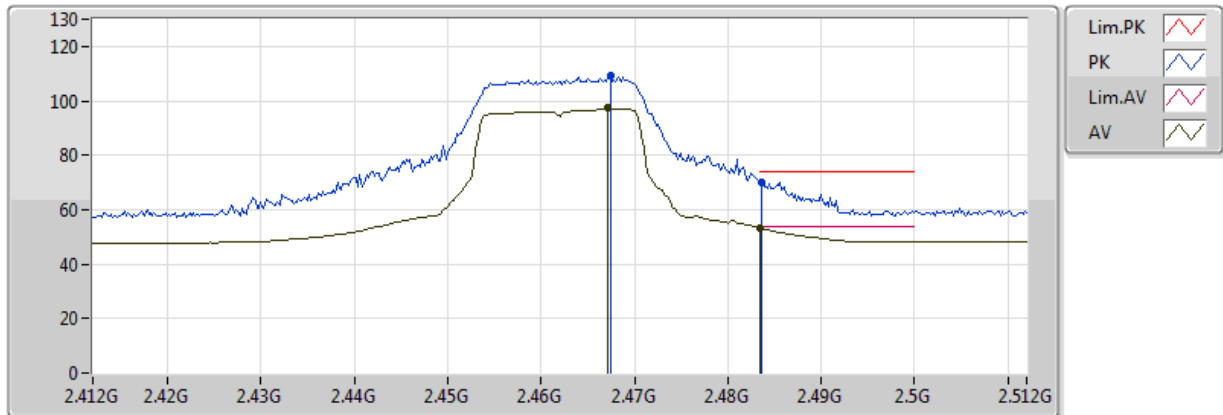


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.458G	94.44	Inf	-Inf	32.71	3	Vertical	120	1.03	-
AV	2.483502G	50.64	54.00	-3.36	32.81	3	Vertical	120	1.03	-
PK	2.4576G	105.08	Inf	-Inf	32.71	3	Vertical	120	1.03	-
PK	2.4836G	68.55	74.00	-5.45	32.81	3	Vertical	120	1.03	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

05/05/2018

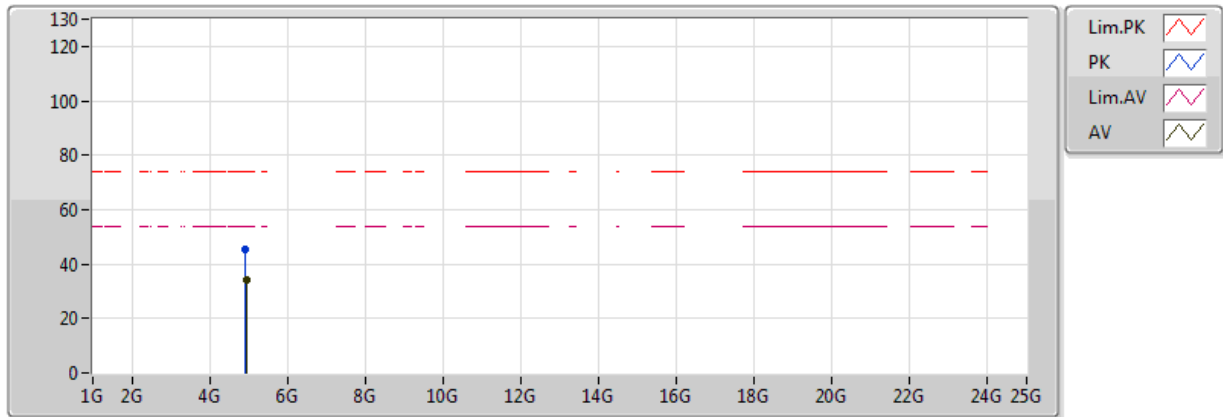


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4672G	97.37	Inf	-Inf	32.75	3	Horizontal	329	1.14	-
AV	2.483502G	53.36	54.00	-0.64	32.81	3	Horizontal	329	1.14	-
PK	2.4674G	109.06	Inf	-Inf	32.75	3	Horizontal	329	1.14	-
PK	2.4836G	70.32	74.00	-3.68	32.81	3	Horizontal	329	1.14	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

05/05/2018

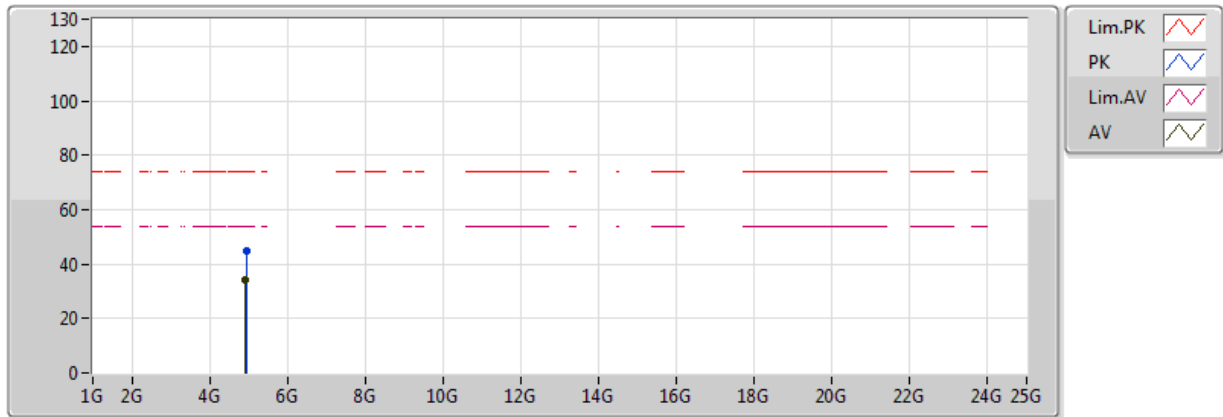


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93708G	33.95	54.00	-20.05	3.38	3	Vertical	342	1.27	-
PK	4.92706G	45.54	74.00	-28.46	3.36	3	Vertical	342	1.27	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

05/05/2018

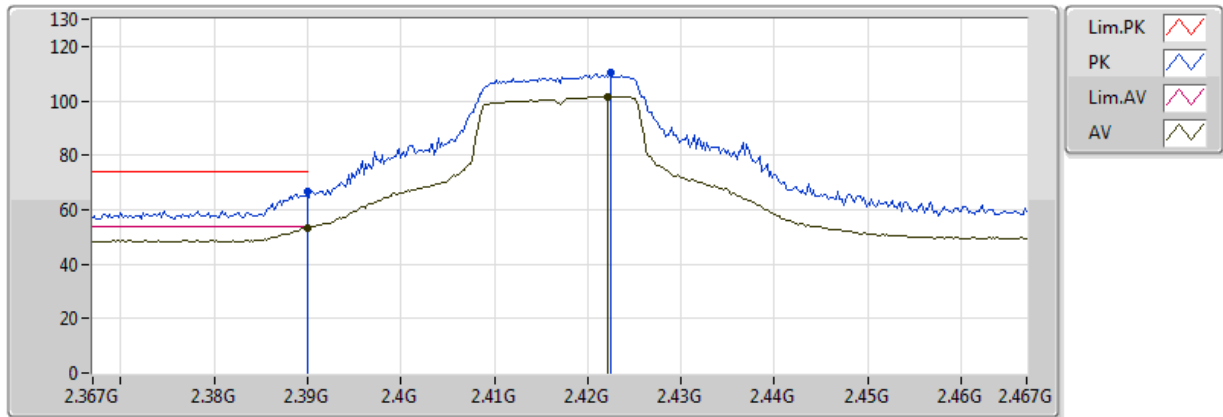


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93288G	34.02	54.00	-19.98	3.37	3	Horizontal	85	1.28	-
PK	4.93588G	45.03	74.00	-28.97	3.38	3	Horizontal	85	1.28	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

07/05/2018

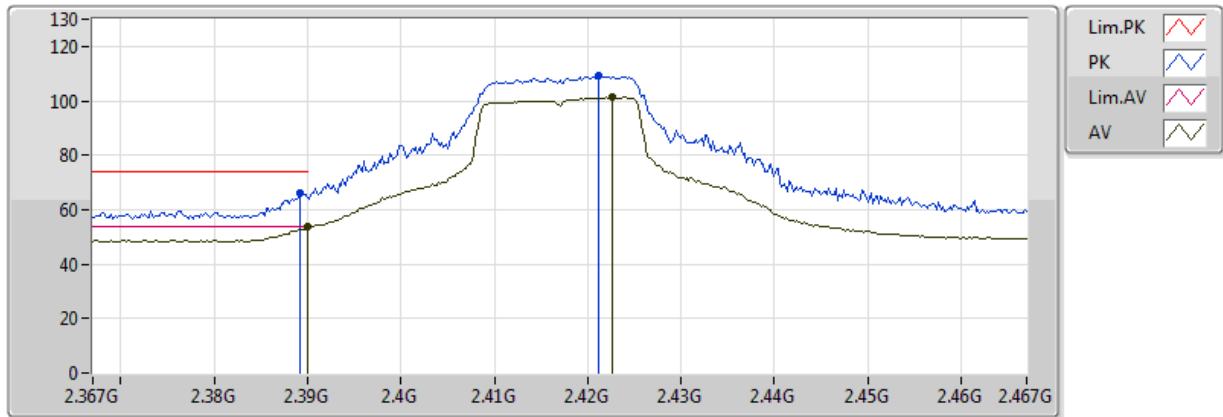


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.44	54.00	-0.56	32.45	3	Vertical	238	2.40	-
AV	2.4222G	101.65	Inf	-Inf	32.57	3	Vertical	238	2.40	-
PK	2.389998G	66.50	74.00	-7.50	32.45	3	Vertical	238	1.24	-
PK	2.4224G	110.34	Inf	-Inf	32.58	3	Vertical	238	2.40	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

07/05/2018

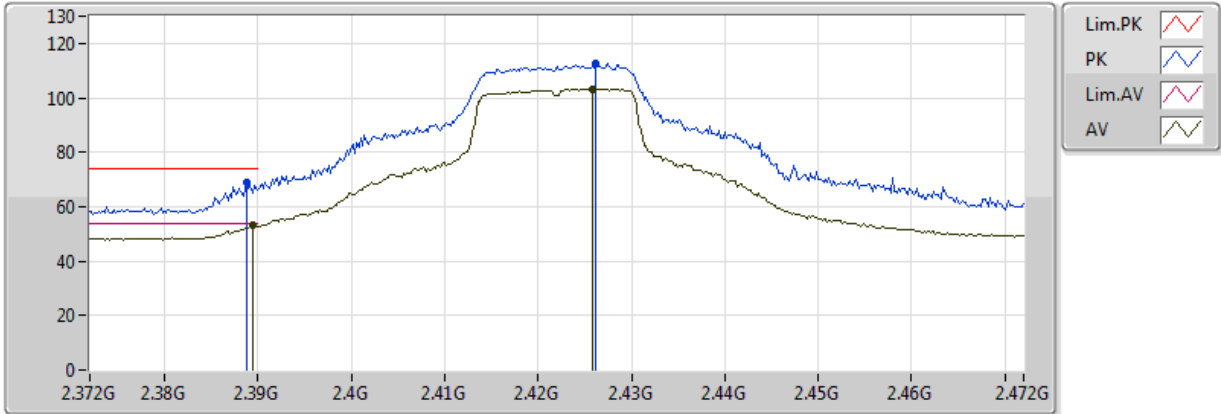


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.76	54.00	-0.24	32.45	3	Horizontal	66	1.48	-
AV	2.4226G	101.27	Inf	-Inf	32.58	3	Horizontal	66	1.48	-
PK	2.3892G	66.00	74.00	-8.00	32.45	3	Horizontal	65	2.26	-
PK	2.4212G	109.10	Inf	-Inf	32.57	3	Horizontal	66	1.48	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

07/05/2018

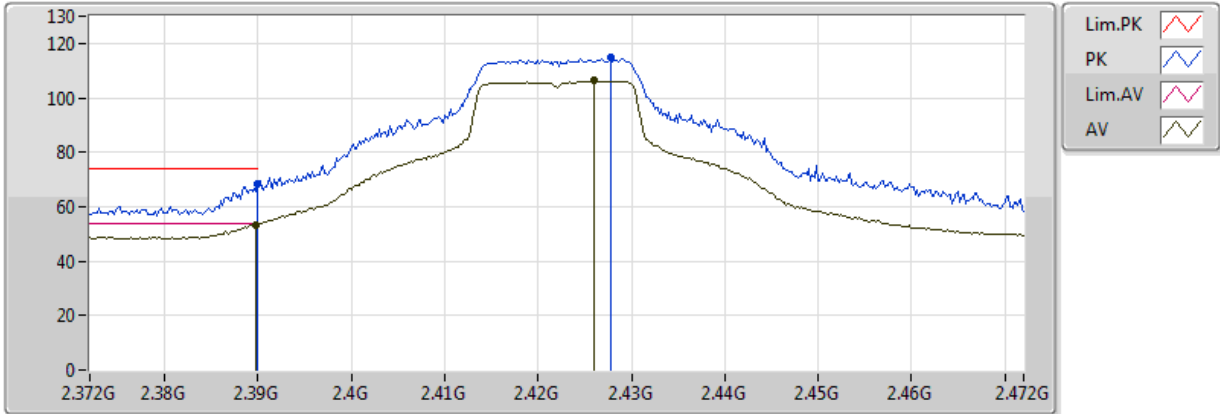


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	53.11	54.00	-0.89	32.45	3	Vertical	241	1.09	-
AV	2.4258G	103.38	Inf	-Inf	32.59	3	Vertical	241	1.09	-
PK	2.3888G	68.65	74.00	-5.35	32.45	3	Vertical	241	1.09	-
PK	2.4262G	112.87	Inf	-Inf	32.59	3	Vertical	241	1.09	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

07/05/2018

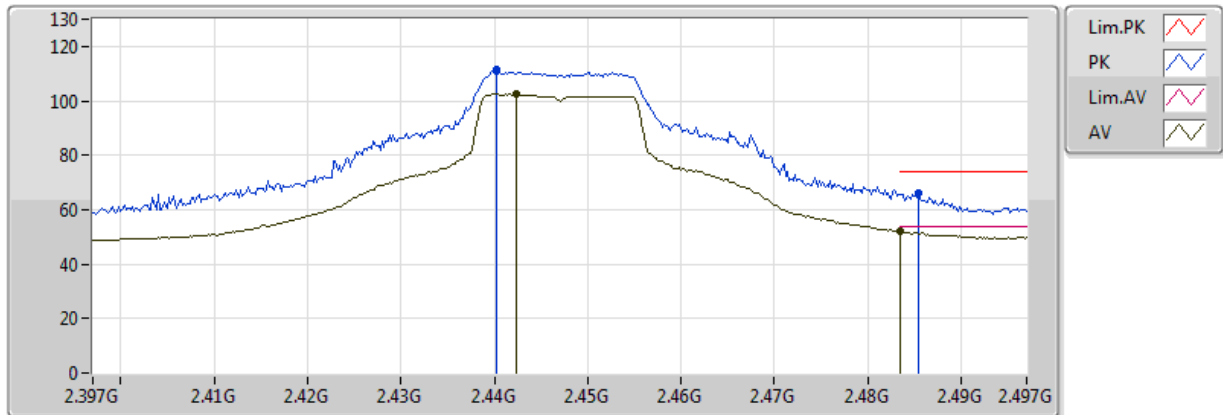


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.44	54.00	-0.56	32.45	3	Horizontal	275	3.04	-
AV	2.426G	106.26	Inf	-Inf	32.59	3	Horizontal	275	3.04	-
PK	2.389998G	68.47	74.00	-5.53	32.45	3	Horizontal	275	3.04	-
PK	2.4278G	114.61	Inf	-Inf	32.60	3	Horizontal	275	3.04	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

07/05/2018

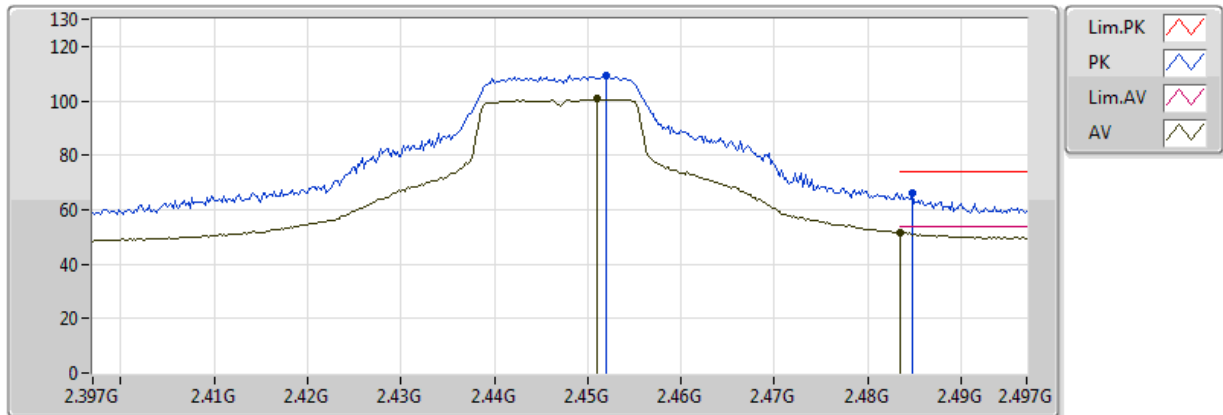


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4424G	102.42	Inf	-Inf	32.65	3	Vertical	256	1.40	-
AV	2.483502G	51.85	54.00	-2.15	32.81	3	Vertical	256	1.40	-
PK	2.4402G	111.77	Inf	-Inf	32.64	3	Vertical	256	1.40	-
PK	2.4854G	65.99	74.00	-8.01	32.81	3	Vertical	256	1.40	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

07/05/2018

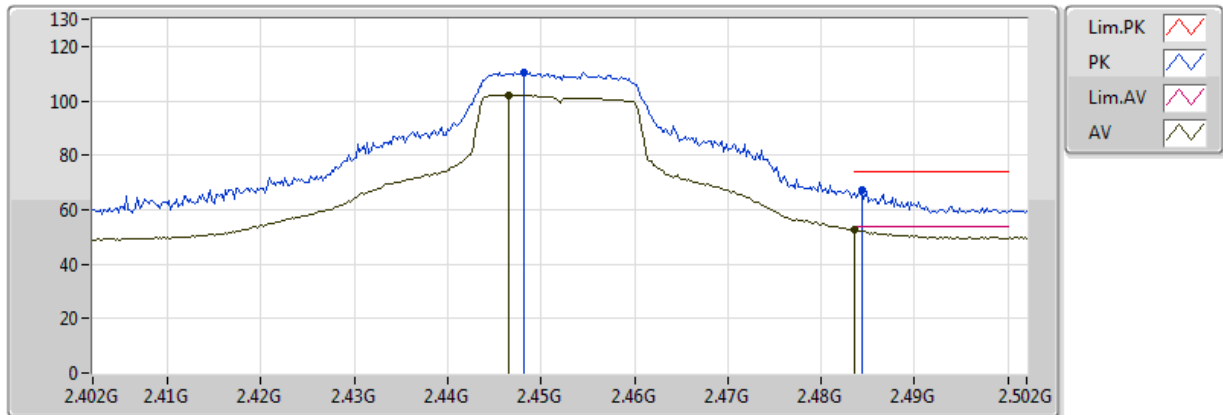


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.451G	100.72	Inf	-Inf	32.68	3	Horizontal	5	1.36	-
AV	2.483502G	51.63	54.00	-2.37	32.81	3	Horizontal	5	1.36	-
PK	2.452G	109.13	Inf	-Inf	32.69	3	Horizontal	5	1.36	-
PK	2.4848G	66.15	74.00	-7.85	32.81	3	Horizontal	5	1.36	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

07/05/2018

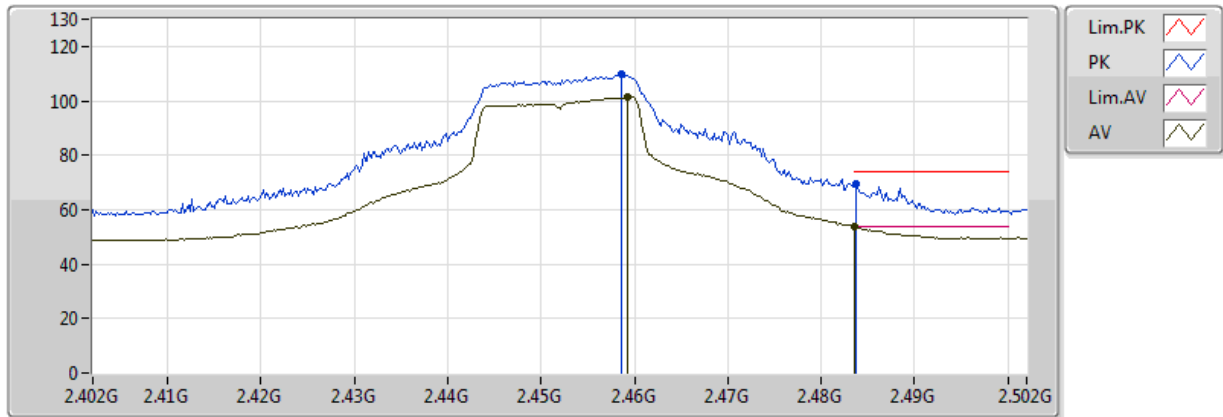


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4466G	102.18	Inf	-Inf	32.67	3	Vertical	259	1.02	-
AV	2.483502G	52.67	54.00	-1.33	32.81	3	Vertical	259	1.02	-
PK	2.4482G	110.48	Inf	-Inf	32.67	3	Vertical	259	1.02	-
PK	2.4844G	67.27	74.00	-6.73	32.81	3	Vertical	259	1.02	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

07/05/2018

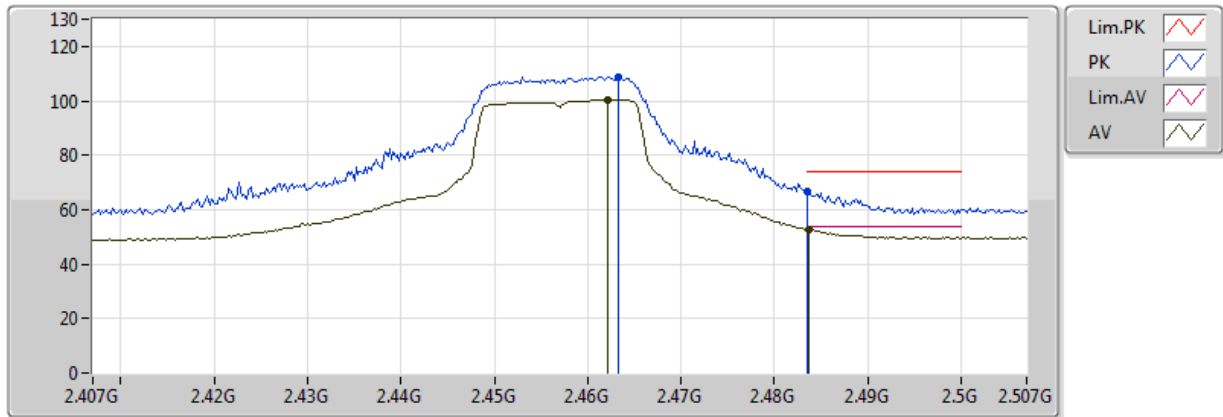


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4592G	101.34	Inf	-Inf	32.71	3	Horizontal	65	3.03	-
AV	2.483502G	53.61	54.00	-0.39	32.81	3	Horizontal	65	3.03	-
PK	2.4586G	109.56	Inf	-Inf	32.71	3	Horizontal	65	3.03	-
PK	2.4838G	69.46	74.00	-4.54	32.81	3	Horizontal	65	3.02	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

07/05/2018

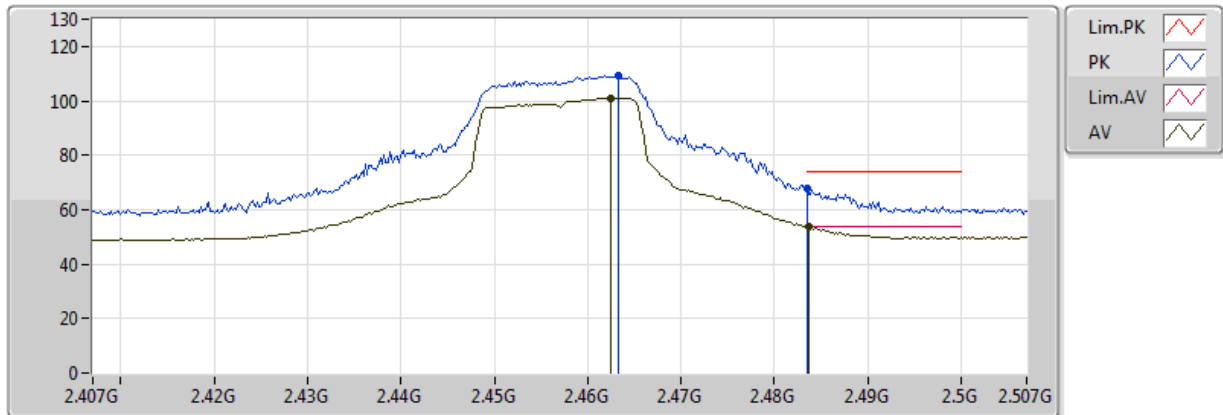


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4622G	100.30	Inf	-Inf	32.73	3	Vertical	240	1.27	-
AV	2.4836G	52.87	54.00	-1.13	32.81	3	Vertical	240	1.27	-
PK	2.4632G	108.86	Inf	-Inf	32.73	3	Vertical	240	1.27	-
PK	2.483502G	66.88	74.00	-7.12	32.81	3	Vertical	240	1.27	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

07/05/2018

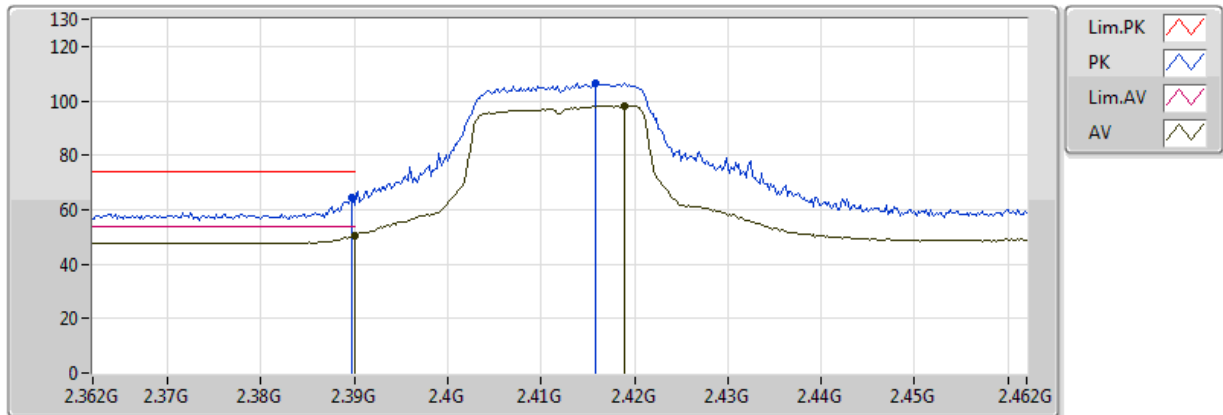


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4624G	101.08	Inf	-Inf	32.73	3	Horizontal	66	3.04	-
AV	2.4836G	53.79	54.00	-0.21	32.81	3	Horizontal	66	3.04	-
PK	2.4632G	109.41	Inf	-Inf	32.73	3	Horizontal	66	3.04	-
PK	2.483502G	67.98	74.00	-6.02	32.81	3	Horizontal	66	3.04	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

05/05/2018

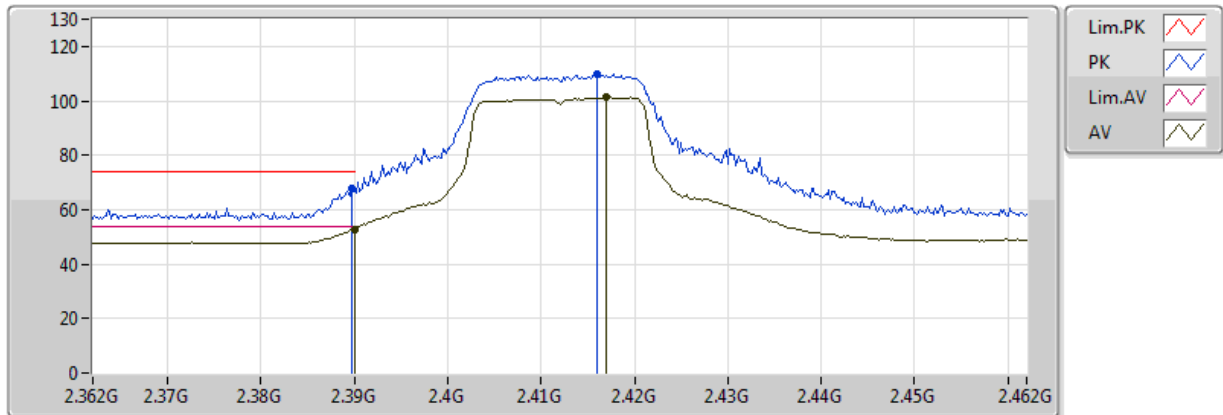


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	50.49	54.00	-3.51	32.45	3	Vertical	258	3.19	-
AV	2.419G	98.10	Inf	-Inf	32.56	3	Vertical	258	3.19	-
PK	2.3898G	64.33	74.00	-9.67	32.45	3	Vertical	258	3.19	-
PK	2.4158G	106.47	Inf	-Inf	32.55	3	Vertical	258	3.19	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

05/05/2018

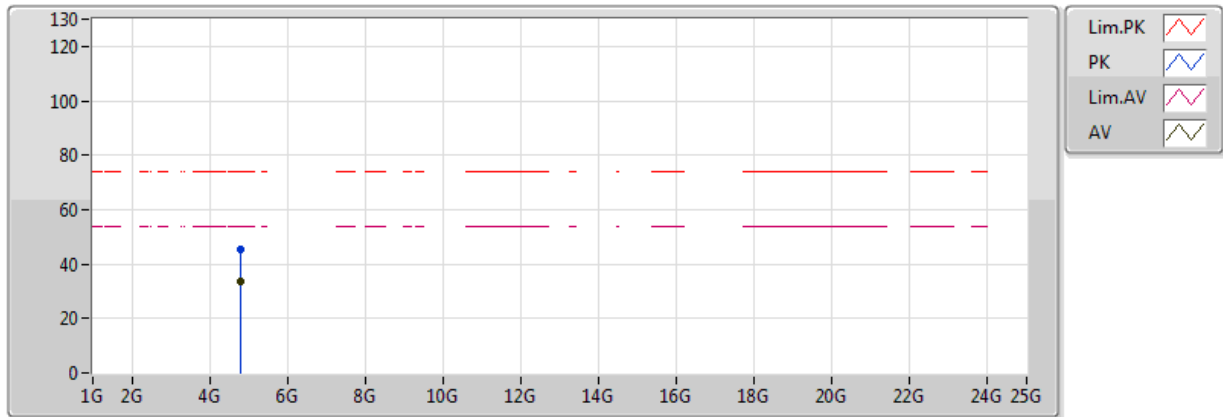


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.67	54.00	-1.33	32.45	3	Horizontal	286	3.04	-
AV	2.417G	101.16	Inf	-Inf	32.55	3	Horizontal	286	3.04	-
PK	2.3898G	67.78	74.00	-6.22	32.45	3	Horizontal	286	3.04	-
PK	2.416G	109.68	Inf	-Inf	32.55	3	Horizontal	286	3.04	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

05/05/2018

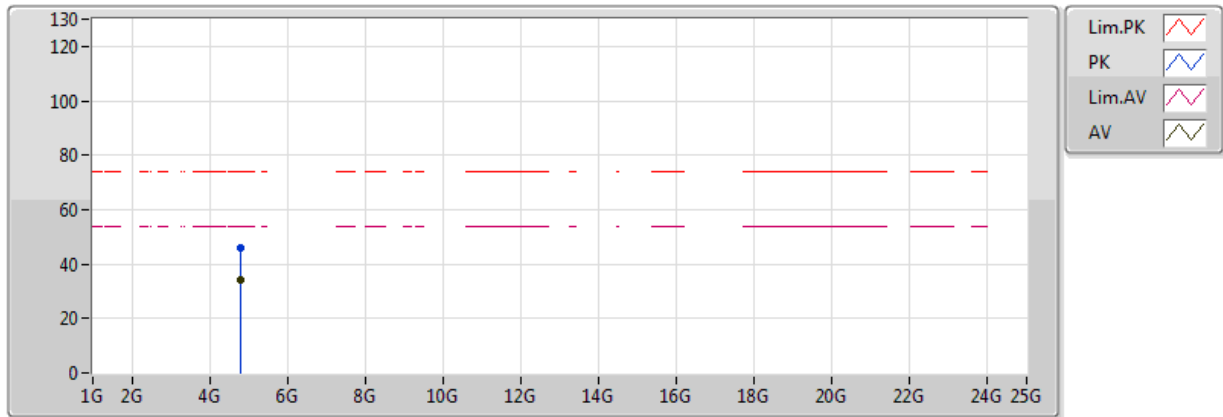


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.812G	33.53	54.00	-20.47	3.11	3	Vertical	228	1.50	-
PK	4.81602G	45.18	74.00	-28.82	3.12	3	Vertical	228	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

05/05/2018

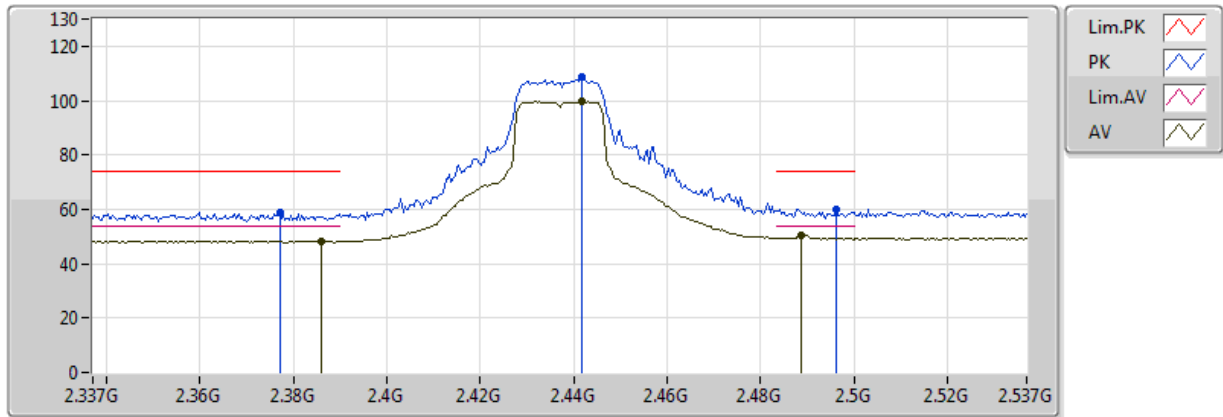


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81626G	33.97	54.00	-20.03	3.12	3	Horizontal	78	1.05	-
PK	4.8168G	46.02	74.00	-27.98	3.12	3	Horizontal	78	1.05	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

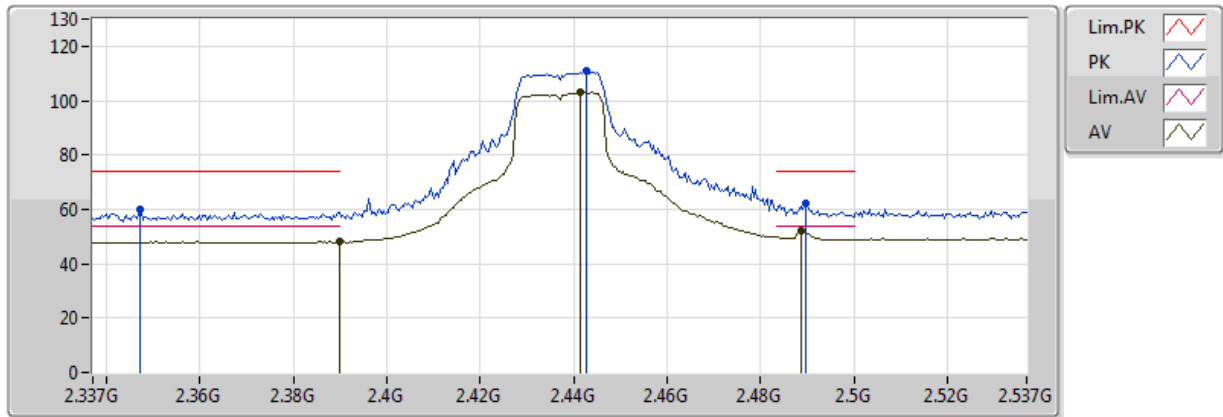


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3858G	48.33	54.00	-5.67	32.43	3	Vertical	251	2.82	-
AV	2.4418G	99.58	Inf	-Inf	32.65	3	Vertical	251	2.82	-
AV	2.4886G	50.65	54.00	-3.35	32.83	3	Vertical	251	2.82	-
PK	2.377G	58.72	74.00	-15.28	32.40	3	Vertical	251	2.82	-
PK	2.4418G	108.82	Inf	-Inf	32.65	3	Vertical	251	2.82	-
PK	2.4962G	60.09	74.00	-13.91	32.86	3	Vertical	251	2.82	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

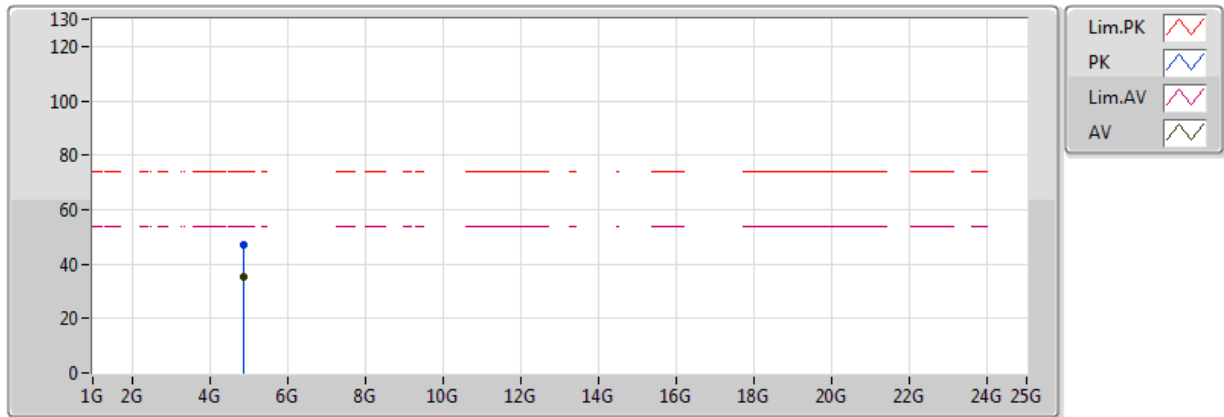


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.13	54.00	-5.87	32.45	3	Horizontal	329	1.01	-
AV	2.4414G	102.90	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
AV	2.4886G	51.92	54.00	-2.08	32.83	3	Horizontal	329	1.01	-
PK	2.347G	59.69	74.00	-14.31	32.29	3	Horizontal	329	1.01	-
PK	2.4426G	110.80	Inf	-Inf	32.65	3	Horizontal	329	1.01	-
PK	2.4898G	62.09	74.00	-11.91	32.83	3	Horizontal	329	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

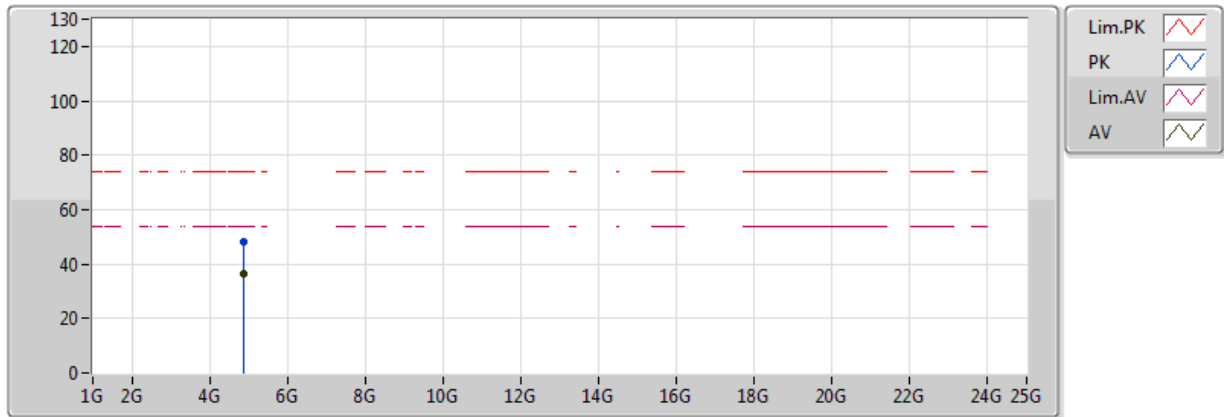


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87418G	35.41	54.00	-18.59	3.24	3	Vertical	310	1.01	-
PK	4.87538G	46.89	74.00	-27.11	3.25	3	Vertical	310	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

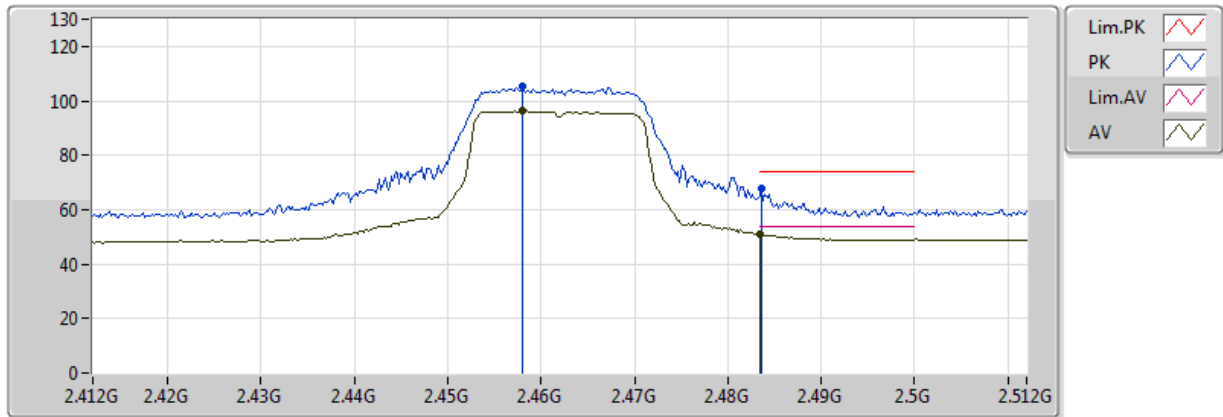


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87334G	36.66	54.00	-17.34	3.24	3	Horizontal	75	1.07	-
PK	4.8734G	48.29	74.00	-25.71	3.24	3	Horizontal	75	1.07	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

05/05/2018

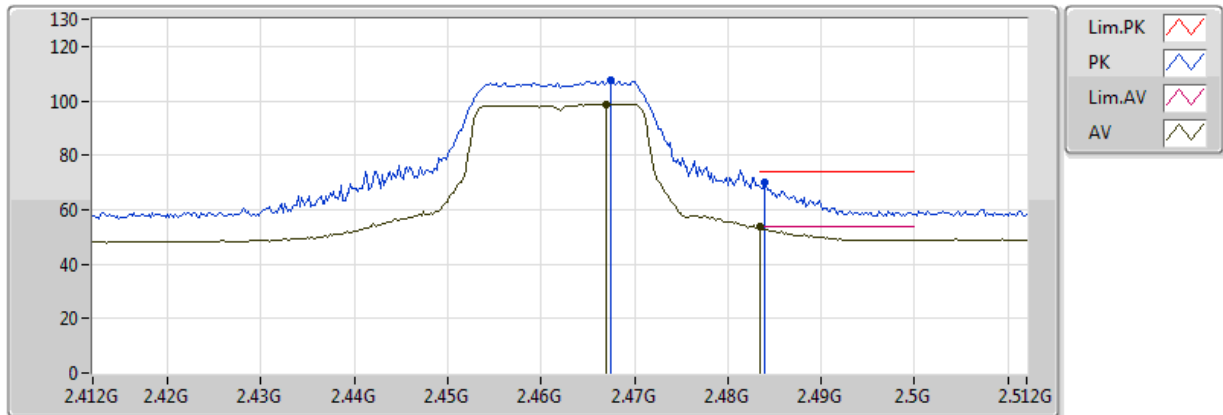


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.458G	96.24	Inf	-Inf	32.71	3	Vertical	126	1.03	-
AV	2.483502G	51.08	54.00	-2.92	32.81	3	Vertical	126	1.03	-
PK	2.458G	105.19	Inf	-Inf	32.71	3	Vertical	126	1.03	-
PK	2.4836G	67.68	74.00	-6.32	32.81	3	Vertical	126	1.03	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

05/05/2018

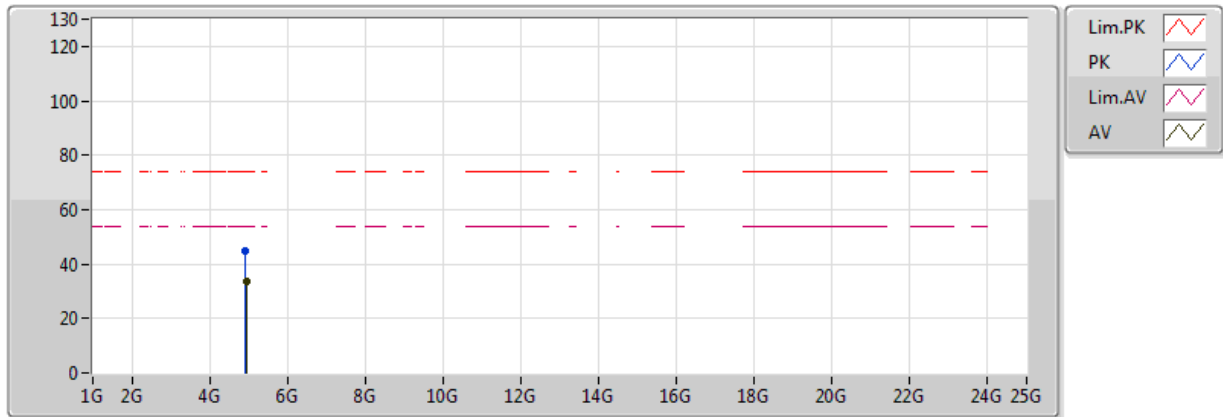


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.467G	98.84	Inf	-Inf	32.74	3	Horizontal	325	1.29	-
AV	2.483502G	53.52	54.00	-0.48	32.81	3	Horizontal	325	1.29	-
PK	2.4674G	107.39	Inf	-Inf	32.75	3	Horizontal	325	1.29	-
PK	2.484G	70.07	74.00	-3.93	32.81	3	Horizontal	325	1.29	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

05/05/2018

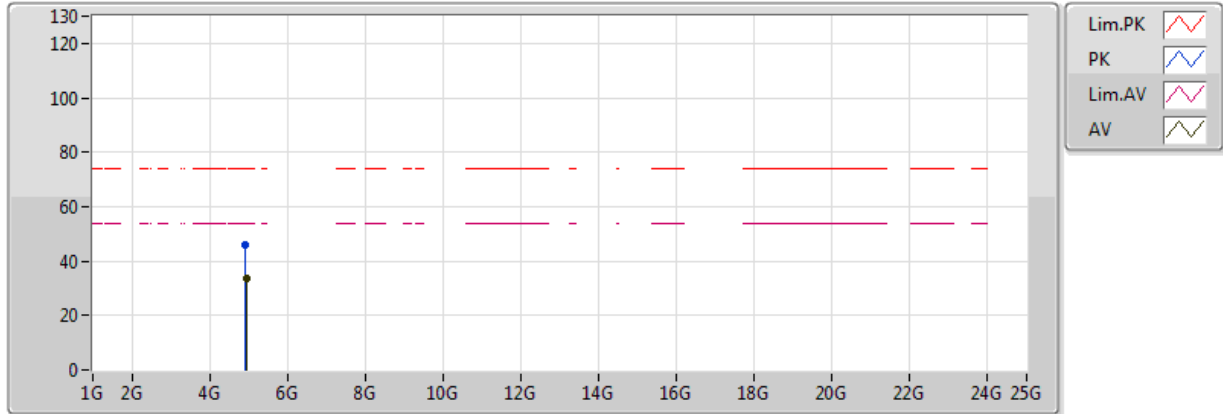


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9375G	33.89	54.00	-20.11	3.38	3	Vertical	101	1.50	-
PK	4.92988G	45.10	74.00	-28.90	3.36	3	Vertical	101	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

05/05/2018

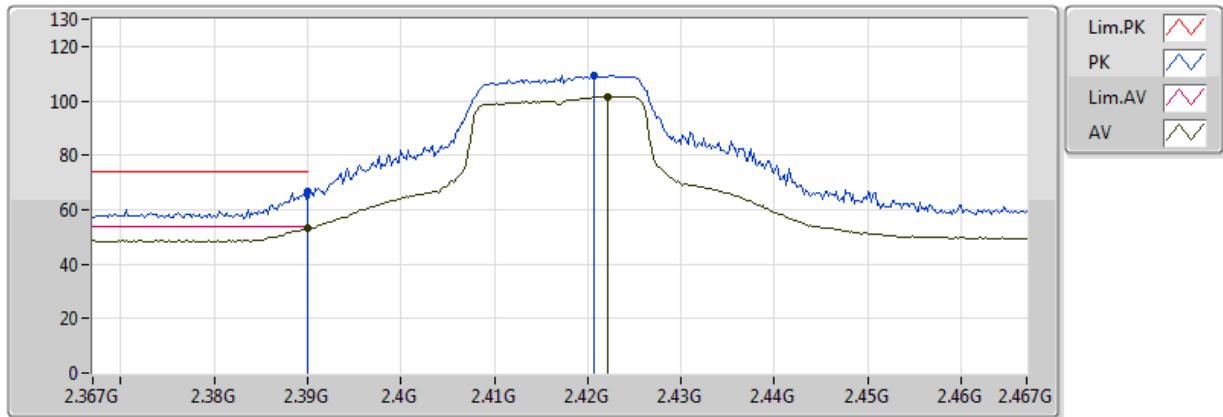


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93528G	33.81	54.00	-20.19	3.37	3	Horizontal	138	1.50	-
PK	4.92754G	45.88	74.00	-28.12	3.36	3	Horizontal	138	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

07/05/2018

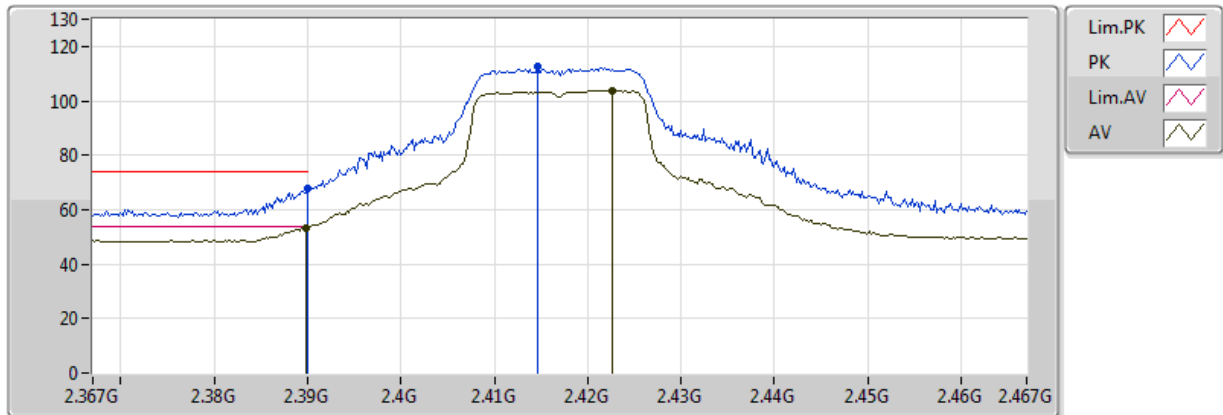


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.28	54.00	-0.72	32.45	3	Vertical	255	1.10	-
AV	2.4222G	101.53	Inf	-Inf	32.57	3	Vertical	255	1.10	-
PK	2.389998G	66.73	74.00	-7.27	32.45	3	Vertical	255	1.10	-
PK	2.4206G	109.51	Inf	-Inf	32.57	3	Vertical	255	1.10	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

07/05/2018

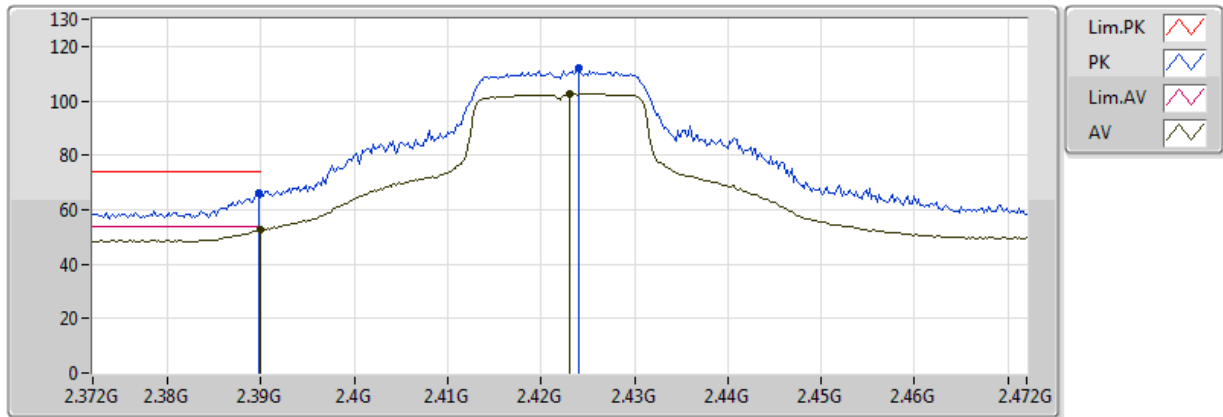


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.44	54.00	-0.56	32.45	3	Horizontal	277	3.06	-
AV	2.4226G	103.84	Inf	-Inf	32.58	3	Horizontal	277	3.06	-
PK	2.389998G	68.00	74.00	-6.00	32.45	3	Horizontal	277	3.06	-
PK	2.4146G	112.67	Inf	-Inf	32.55	3	Horizontal	277	3.06	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

07/05/2018

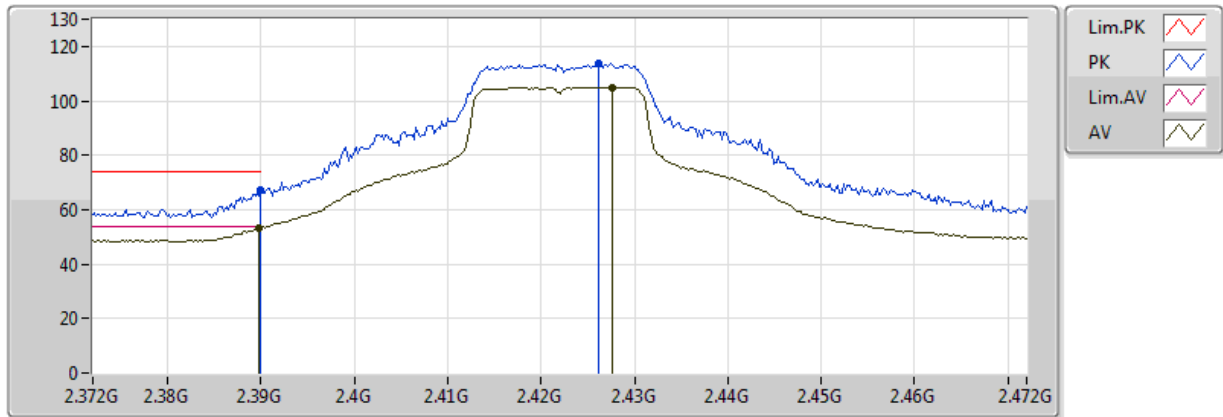


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.42	54.00	-1.58	32.45	3	Vertical	257	1.09	-
AV	2.423G	102.51	Inf	-Inf	32.58	3	Vertical	257	1.09	-
PK	2.3898G	65.93	74.00	-8.07	32.45	3	Vertical	257	1.09	-
PK	2.424G	111.89	Inf	-Inf	32.58	3	Vertical	257	1.09	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

07/05/2018

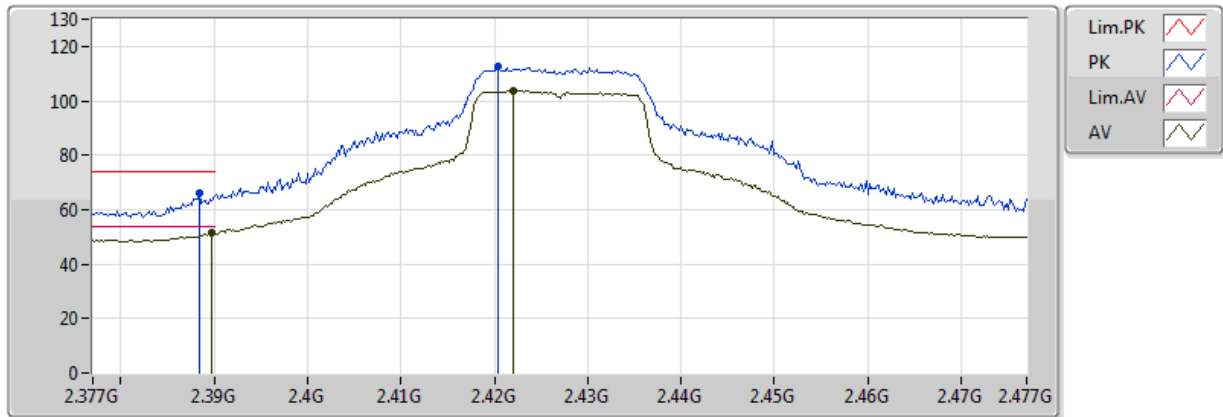


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.28	54.00	-0.72	32.45	3	Horizontal	274	3.04	-
AV	2.4276G	105.03	Inf	-Inf	32.59	3	Horizontal	274	3.04	-
PK	2.389998G	67.19	74.00	-6.81	32.45	3	Horizontal	274	3.04	-
PK	2.4262G	113.77	Inf	-Inf	32.59	3	Horizontal	274	3.04	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

07/05/2018

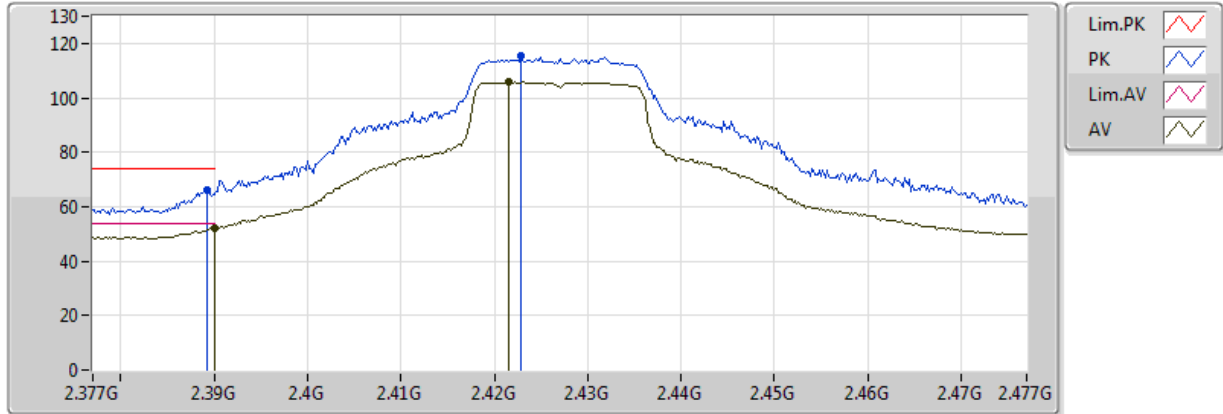


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	51.46	54.00	-2.54	32.45	3	Vertical	258	1.08	-
AV	2.422G	103.69	Inf	-Inf	32.57	3	Vertical	258	1.08	-
PK	2.3884G	66.14	74.00	-7.86	32.45	3	Vertical	258	1.08	-
PK	2.4204G	112.51	Inf	-Inf	32.57	3	Vertical	258	1.08	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

07/05/2018

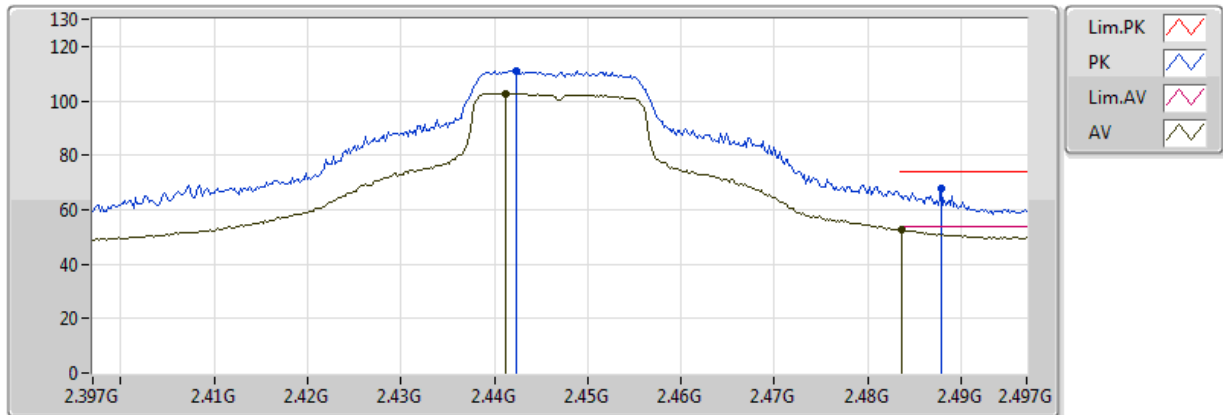


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	51.86	54.00	-2.14	32.45	3	Horizontal	275	3.05	-
AV	2.4216G	105.84	Inf	-Inf	32.57	3	Horizontal	275	3.05	-
PK	2.3892G	66.35	74.00	-7.65	32.45	3	Horizontal	275	3.05	-
PK	2.4228G	115.17	Inf	-Inf	32.58	3	Horizontal	275	3.05	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

07/05/2018

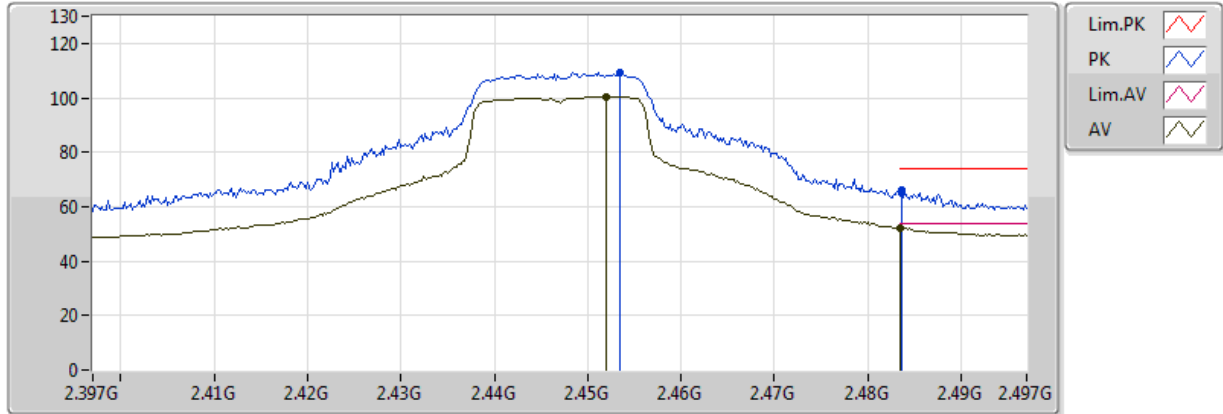


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4412G	102.72	Inf	-Inf	32.65	3	Vertical	258	1.01	-
AV	2.4836G	52.67	54.00	-1.33	32.81	3	Vertical	258	1.01	-
PK	2.4424G	110.81	Inf	-Inf	32.65	3	Vertical	258	1.01	-
PK	2.4878G	67.56	74.00	-6.44	32.83	3	Vertical	258	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

07/05/2018

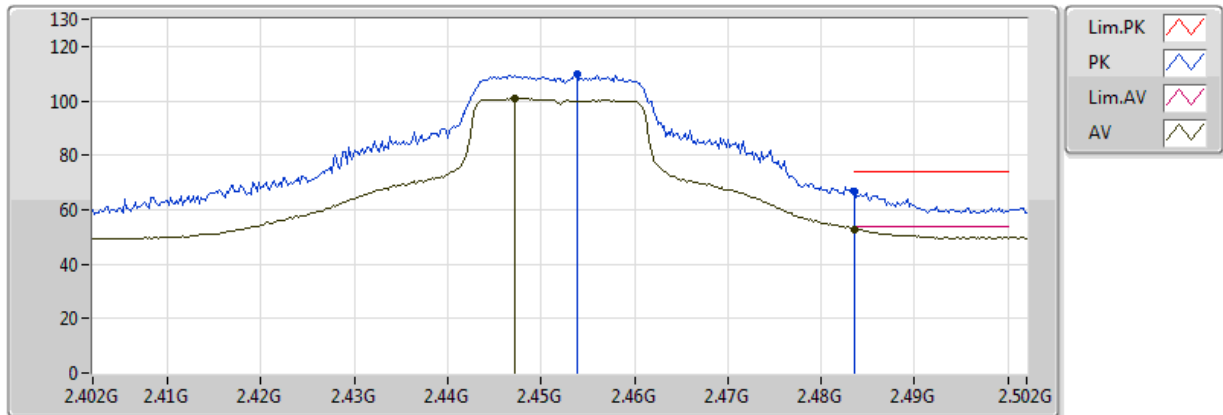


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.452G	100.43	Inf	-Inf	32.69	3	Horizontal	7	1.36	-
AV	2.483502G	52.27	54.00	-1.73	32.81	3	Horizontal	7	1.36	-
PK	2.4534G	109.21	Inf	-Inf	32.69	3	Horizontal	7	1.36	-
PK	2.4836G	66.03	74.00	-7.97	32.81	3	Horizontal	7	1.36	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

07/05/2018

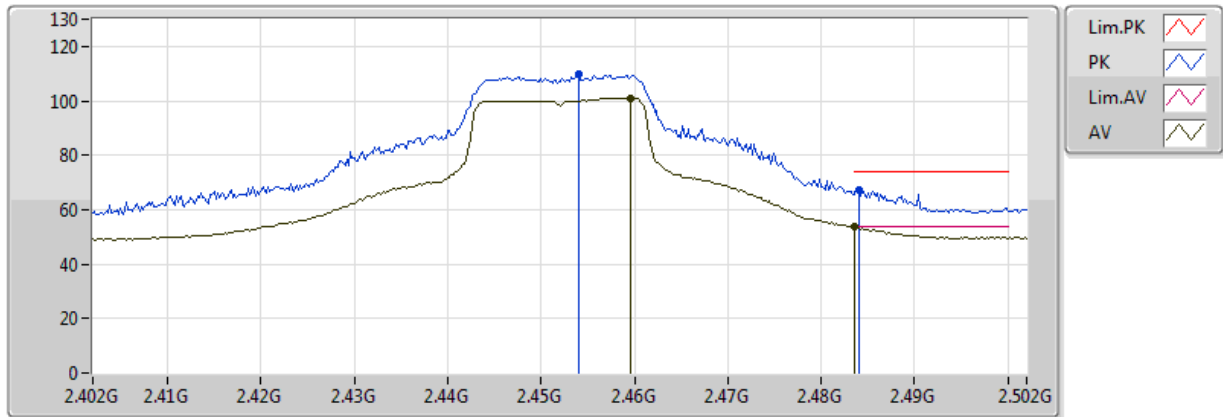


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4472G	100.81	Inf	-Inf	32.67	3	Vertical	239	1.02	-
AV	2.483502G	52.87	54.00	-1.13	32.81	3	Vertical	239	1.02	-
PK	2.4538G	109.64	Inf	-Inf	32.69	3	Vertical	239	1.02	-
PK	2.4836G	66.91	74.00	-7.09	32.81	3	Vertical	239	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

07/05/2018

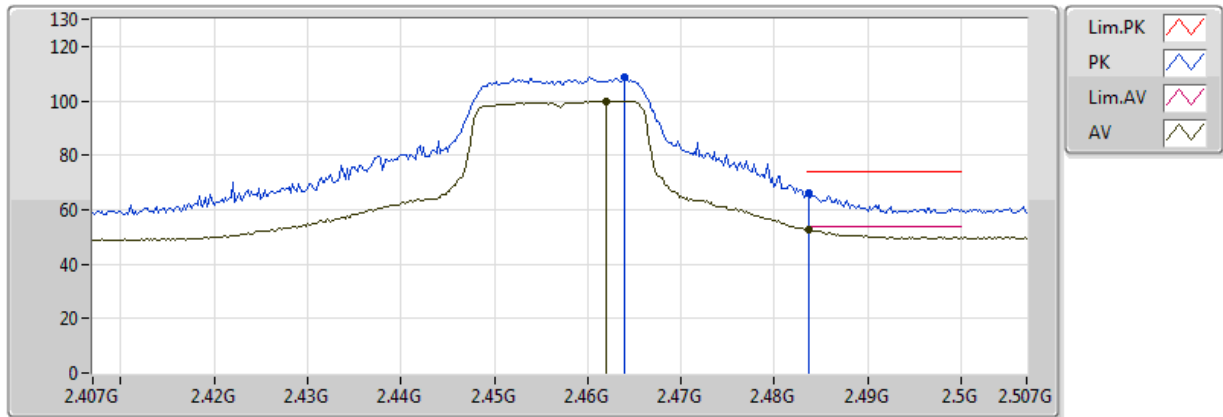


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4596G	101.10	Inf	-Inf	32.72	3	Horizontal	60	2.23	-
AV	2.483502G	53.79	54.00	-0.21	32.81	3	Horizontal	60	2.23	-
PK	2.454G	109.63	Inf	-Inf	32.70	3	Horizontal	60	2.23	-
PK	2.484G	67.13	74.00	-6.87	32.81	3	Horizontal	60	2.23	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

07/05/2018

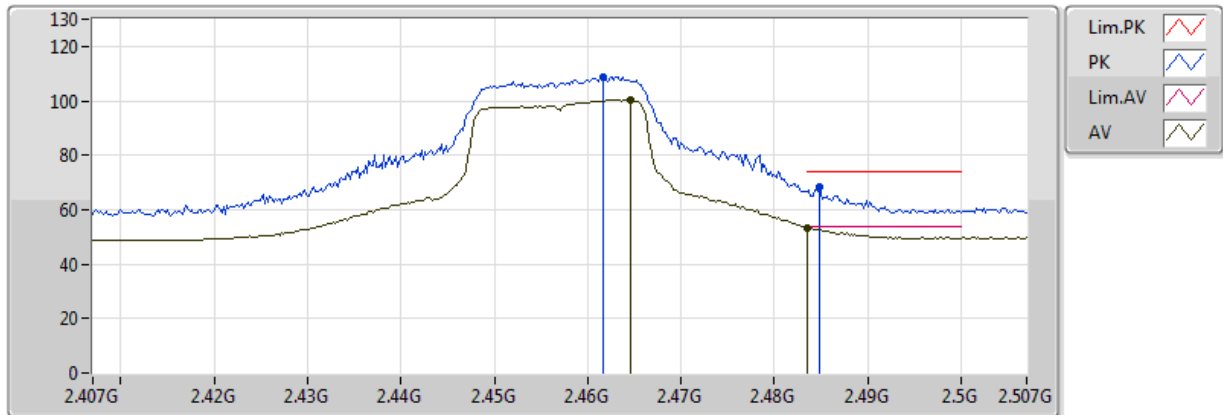


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.462G	99.92	Inf	-Inf	32.73	3	Vertical	240	1.28	-
AV	2.4836G	52.67	54.00	-1.33	32.81	3	Vertical	240	1.28	-
PK	2.464G	108.57	Inf	-Inf	32.73	3	Vertical	240	1.28	-
PK	2.4836G	66.27	74.00	-7.73	32.81	3	Vertical	240	1.28	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

07/05/2018

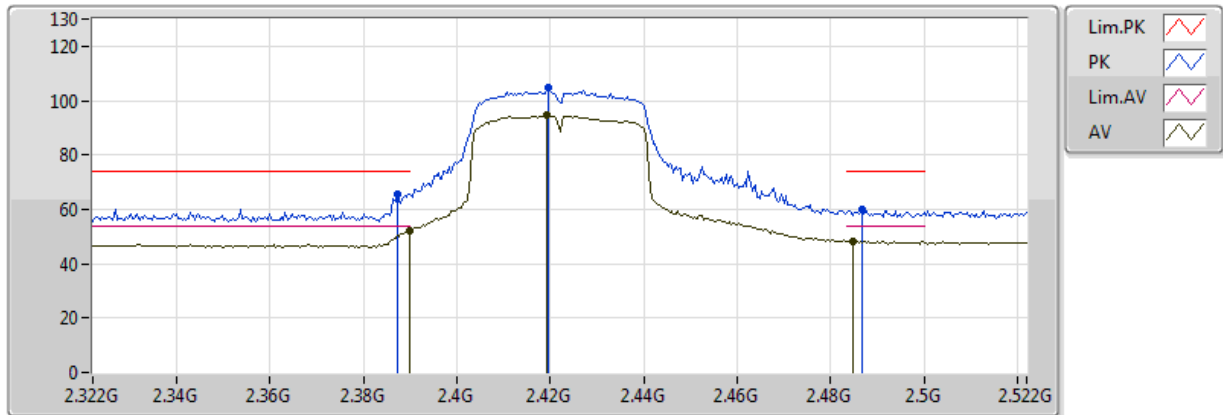


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4646G	100.26	Inf	-Inf	32.74	3	Horizontal	67	3.05	-
AV	2.483502G	53.43	54.00	-0.57	32.81	3	Horizontal	67	3.05	-
PK	2.4616G	108.86	Inf	-Inf	32.72	3	Horizontal	67	3.05	-
PK	2.4848G	68.48	74.00	-5.52	32.81	3	Horizontal	67	3.05	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

05/05/2018

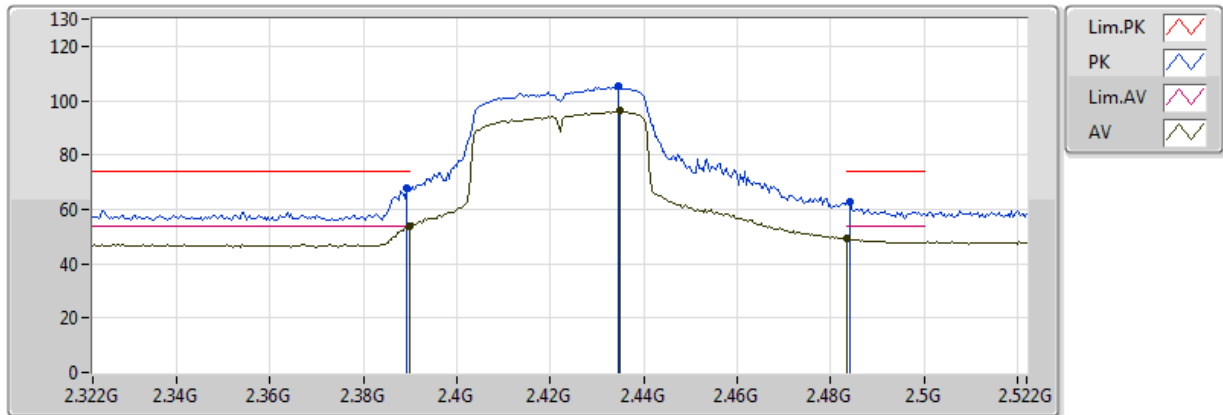


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	52.10	54.00	-1.90	32.45	3	Vertical	259	3.19	-
AV	2.4192G	94.42	Inf	-Inf	32.56	3	Vertical	259	3.19	-
AV	2.4848G	48.45	54.00	-5.55	32.81	3	Vertical	259	3.19	-
PK	2.3872G	65.74	74.00	-8.26	32.44	3	Vertical	259	3.19	-
PK	2.4196G	104.63	Inf	-Inf	32.56	3	Vertical	259	3.19	-
PK	2.4868G	60.23	74.00	-13.77	32.82	3	Vertical	259	3.19	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

05/05/2018

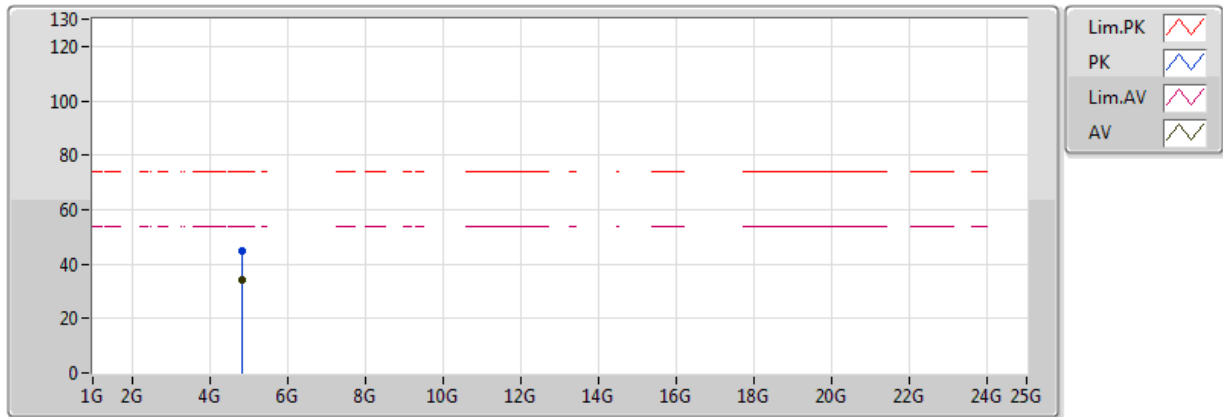


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.62	54.00	-0.38	32.45	3	Horizontal	328	1.02	-
AV	2.4348G	96.16	Inf	-Inf	32.62	3	Horizontal	328	1.02	-
AV	2.483502G	49.21	54.00	-4.79	32.81	3	Horizontal	328	1.02	-
PK	2.3892G	67.59	74.00	-6.41	32.45	3	Horizontal	328	1.02	-
PK	2.4344G	105.38	Inf	-Inf	32.62	3	Horizontal	328	1.02	-
PK	2.484G	62.97	74.00	-11.03	32.81	3	Horizontal	328	1.02	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

05/05/2018

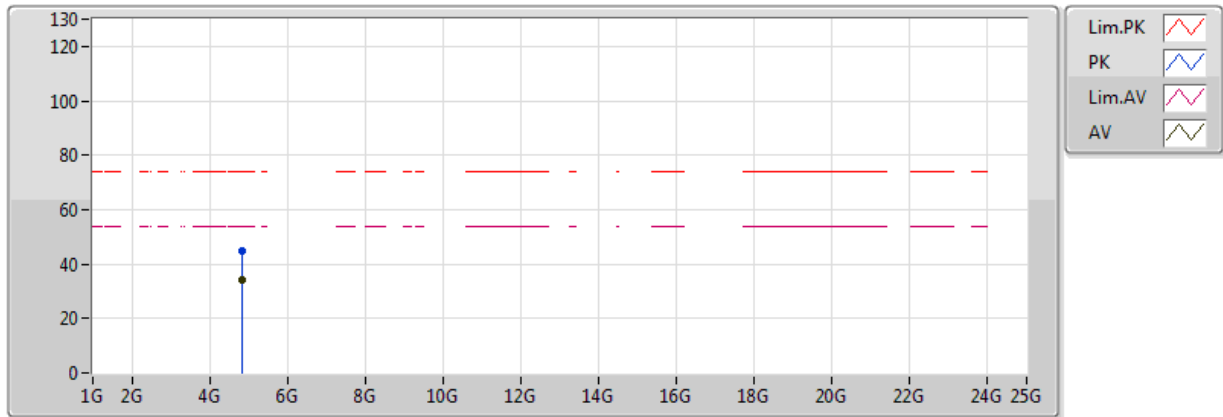


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.83542G	34.28	54.00	-19.72	3.16	3	Vertical	301	1.32	-
PK	4.84094G	44.96	74.00	-29.04	3.17	3	Vertical	301	1.32	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

05/05/2018

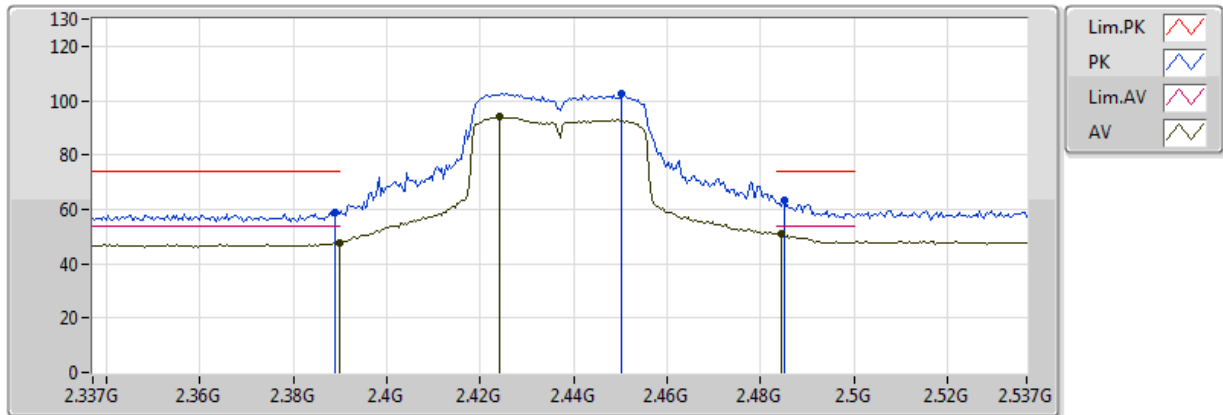


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.83566G	34.28	54.00	-19.72	3.16	3	Horizontal	152	1.50	-
PK	4.82918G	44.99	74.00	-29.01	3.14	3	Horizontal	152	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

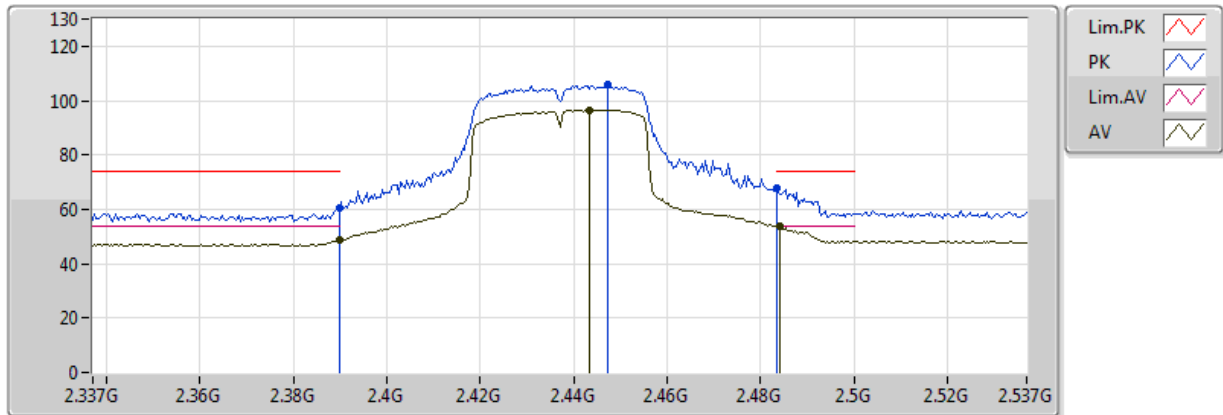


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.76	54.00	-6.24	32.45	3	Vertical	256	3.19	-
AV	2.4242G	93.95	Inf	-Inf	32.58	3	Vertical	256	3.19	-
AV	2.4846G	51.03	54.00	-2.97	32.81	3	Vertical	256	3.19	-
PK	2.389G	58.78	74.00	-15.22	32.45	3	Vertical	256	3.19	-
PK	2.4502G	102.65	Inf	-Inf	32.68	3	Vertical	256	3.19	-
PK	2.485G	63.05	74.00	-10.95	32.81	3	Vertical	256	3.19	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

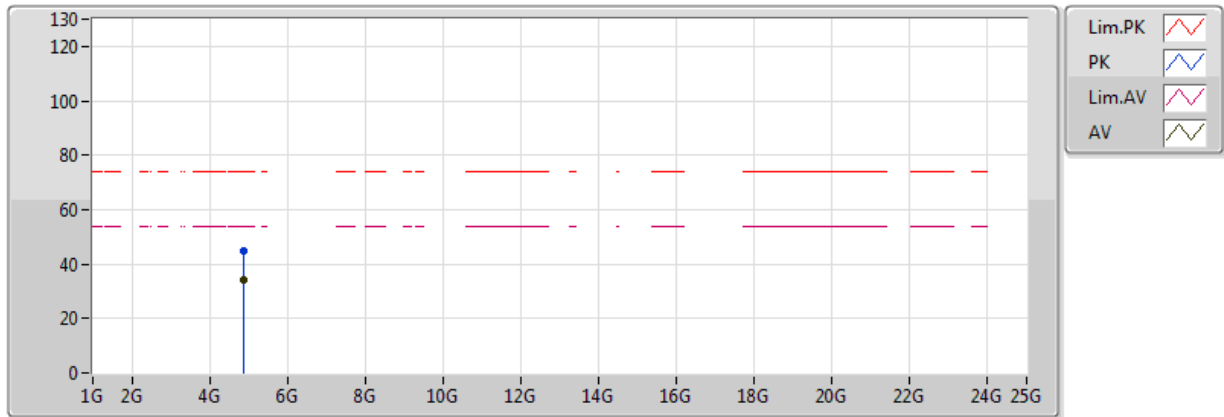


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.71	54.00	-5.29	32.45	3	Horizontal	327	1.01	-
AV	2.4434G	96.54	Inf	-Inf	32.65	3	Horizontal	327	1.01	-
AV	2.4842G	53.87	54.00	-0.13	32.81	3	Horizontal	327	1.01	-
PK	2.3898G	60.24	74.00	-13.76	32.45	3	Horizontal	327	1.01	-
PK	2.4474G	105.76	Inf	-Inf	32.67	3	Horizontal	327	1.01	-
PK	2.483502G	67.66	74.00	-6.34	32.81	3	Horizontal	327	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

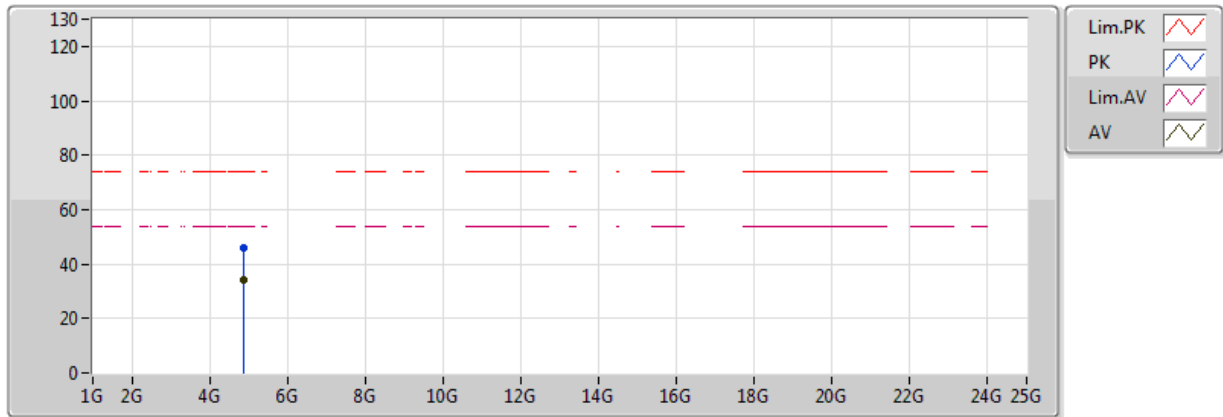


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87166G	34.11	54.00	-19.89	3.24	3	Vertical	260	1.50	-
PK	4.85936G	44.96	74.00	-29.04	3.21	3	Vertical	260	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

05/05/2018

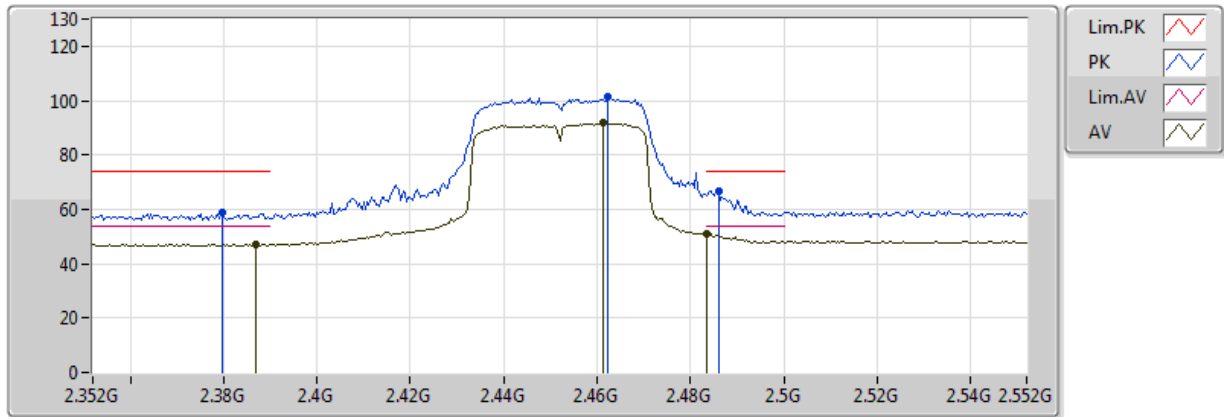


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87514G	34.42	54.00	-19.58	3.25	3	Horizontal	80	1.50	-
PK	4.88246G	45.80	74.00	-28.20	3.26	3	Horizontal	80	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

05/05/2018

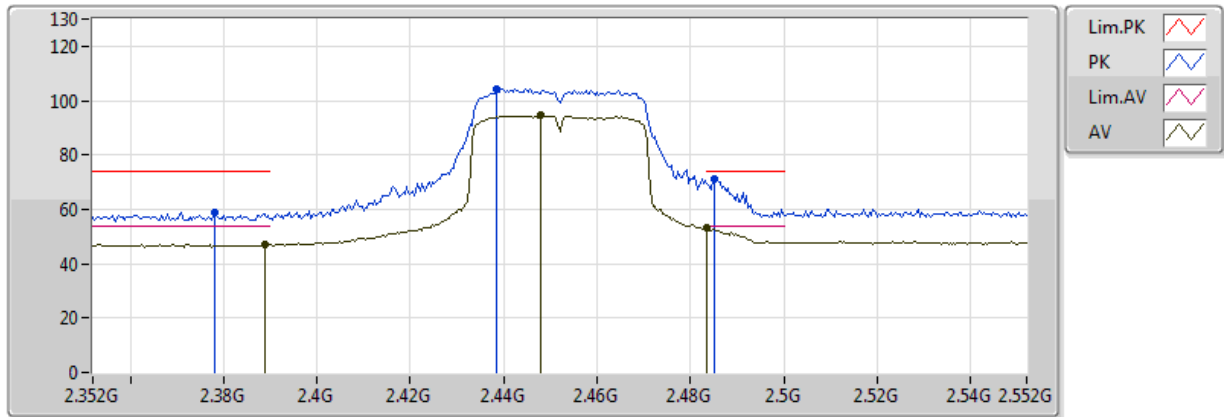


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3868G	47.15	54.00	-6.85	32.44	3	Vertical	122	1.01	-
AV	2.4612G	91.66	Inf	-Inf	32.72	3	Vertical	122	1.01	-
AV	2.483502G	50.85	54.00	-3.15	32.81	3	Vertical	122	1.01	-
PK	2.3796G	58.71	74.00	-15.29	32.42	3	Vertical	122	1.01	-
PK	2.4624G	101.40	Inf	-Inf	32.73	3	Vertical	122	1.01	-
PK	2.486G	66.89	74.00	-7.11	32.81	3	Vertical	122	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

05/05/2018

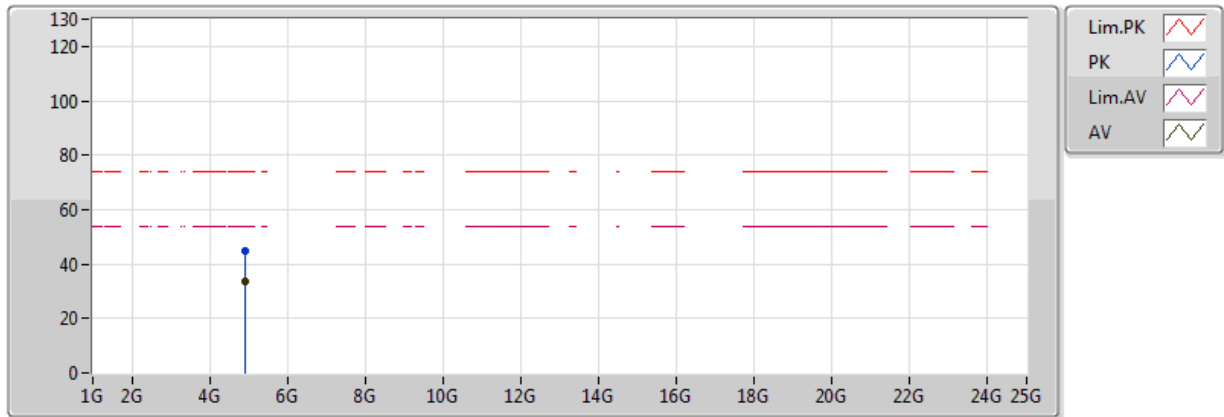


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3888G	47.13	54.00	-6.87	32.45	3	Horizontal	328	1.01	-
AV	2.448G	94.45	Inf	-Inf	32.67	3	Horizontal	328	1.01	-
AV	2.483502G	52.97	54.00	-1.03	32.81	3	Horizontal	328	1.01	-
PK	2.378G	59.01	74.00	-14.99	32.40	3	Horizontal	328	1.01	-
PK	2.4384G	104.21	Inf	-Inf	32.64	3	Horizontal	328	1.01	-
PK	2.4852G	71.04	74.00	-2.96	32.81	3	Horizontal	328	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

05/05/2018

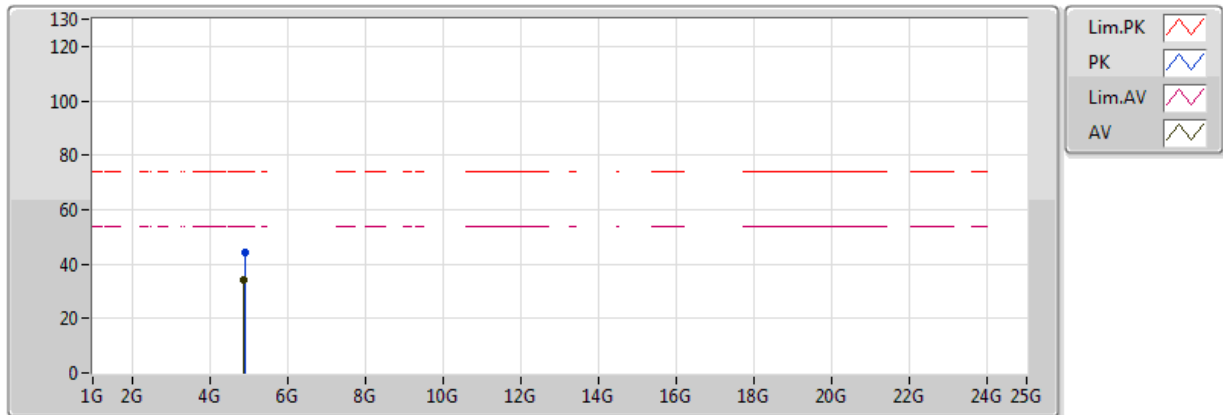


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91432G	33.86	54.00	-20.14	3.33	3	Vertical	14	1.50	-
PK	4.90004G	44.88	74.00	-29.12	3.30	3	Vertical	14	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

05/05/2018

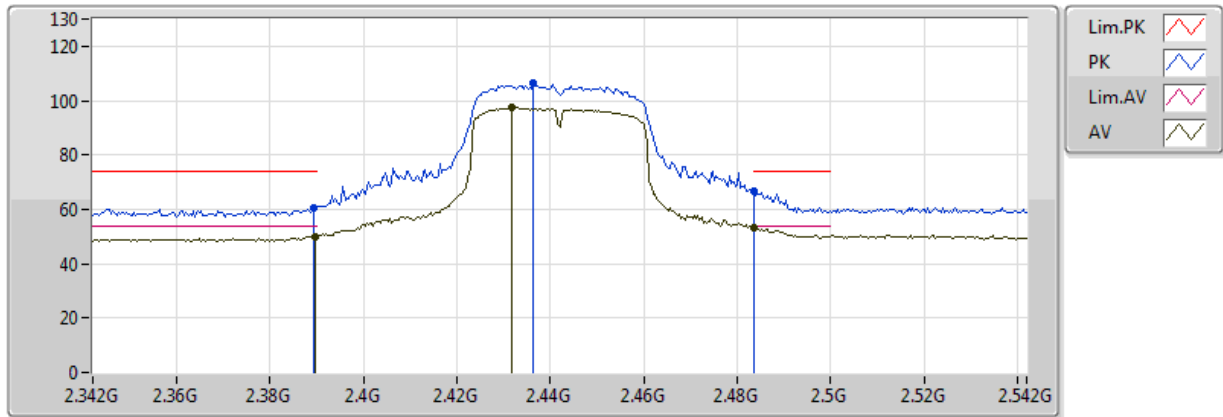


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8944G	34.03	54.00	-19.97	3.29	3	Horizontal	275	1.50	-
PK	4.9046G	44.43	74.00	-29.57	3.31	3	Horizontal	275	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

07/05/2018

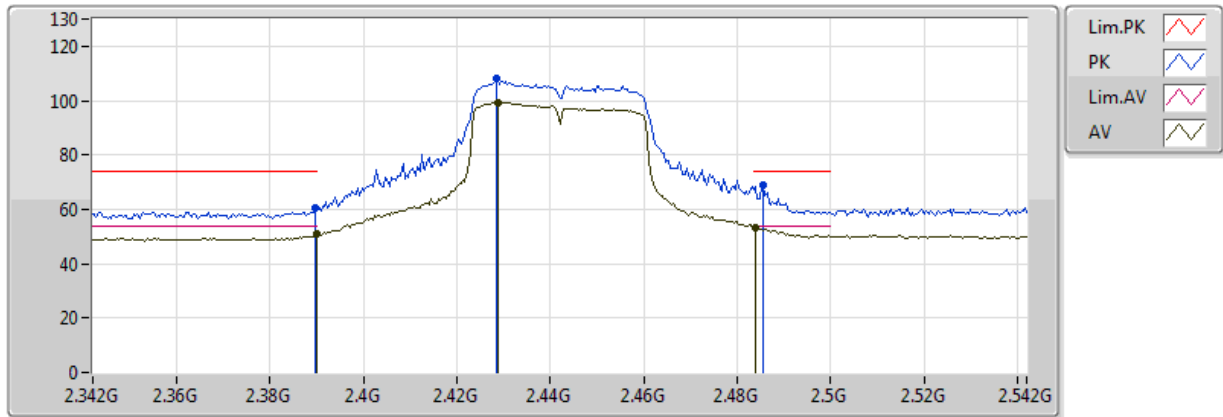


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	50.15	54.00	-3.85	32.45	3	Vertical	258	1.01	-
AV	2.4316G	97.39	Inf	-Inf	32.61	3	Vertical	258	1.01	-
AV	2.483502G	53.24	54.00	-0.76	32.81	3	Vertical	258	1.01	-
PK	2.3892G	60.64	74.00	-13.36	32.45	3	Vertical	258	1.01	-
PK	2.4364G	106.71	Inf	-Inf	32.63	3	Vertical	258	1.01	-
PK	2.483502G	66.58	74.00	-7.42	32.81	3	Vertical	258	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

07/05/2018

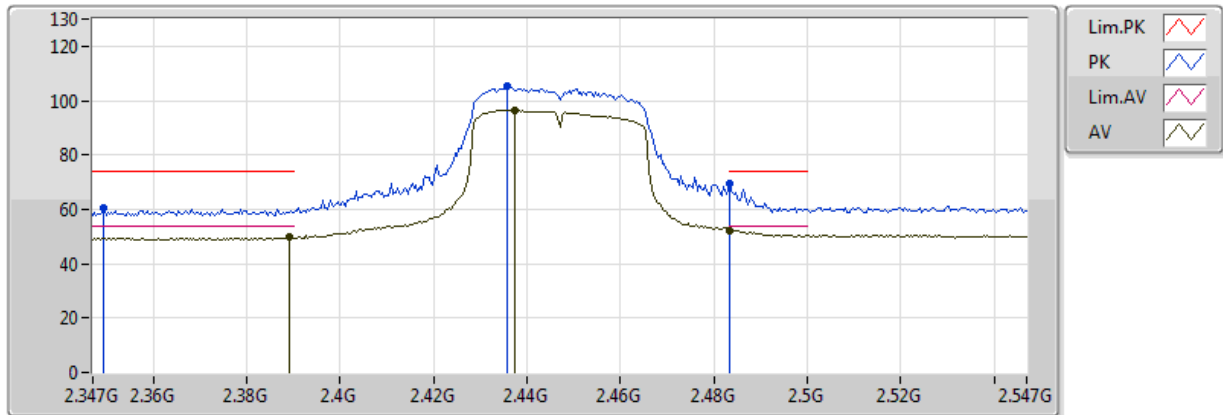


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	50.83	54.00	-3.17	32.45	3	Horizontal	276	3.05	-
AV	2.4288G	99.44	Inf	-Inf	32.60	3	Horizontal	276	3.05	-
AV	2.484G	53.43	54.00	-0.57	32.81	3	Horizontal	276	3.05	-
PK	2.3896G	60.31	74.00	-13.69	32.45	3	Horizontal	276	3.05	-
PK	2.4284G	107.99	Inf	-Inf	32.60	3	Horizontal	276	3.05	-
PK	2.4856G	69.10	74.00	-4.90	32.81	3	Horizontal	276	3.05	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

07/05/2018

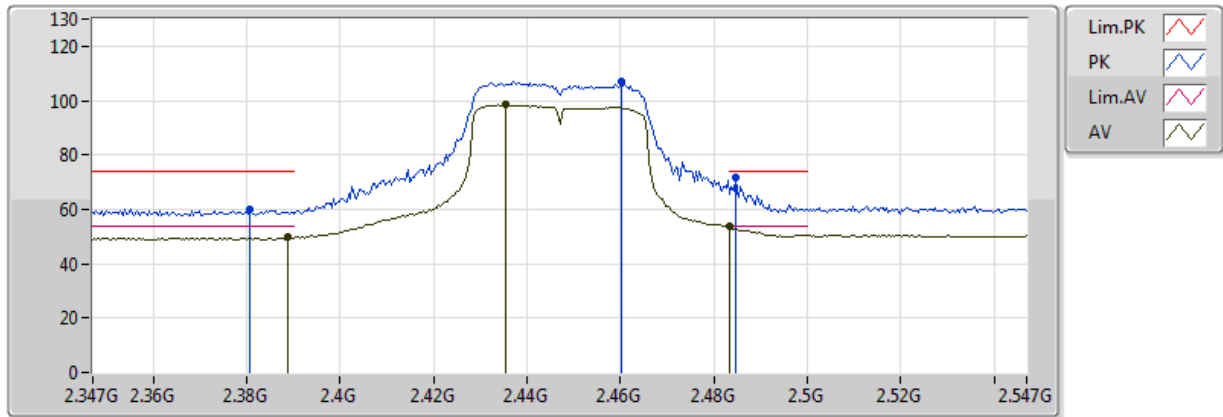


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	49.66	54.00	-4.34	32.45	3	Vertical	258	1.00	-
AV	2.4374G	96.55	Inf	-Inf	32.63	3	Vertical	258	1.00	-
AV	2.483502G	52.27	54.00	-1.73	32.81	3	Vertical	258	1.00	-
PK	2.3494G	60.64	74.00	-13.36	32.30	3	Vertical	258	1.00	-
PK	2.4358G	105.12	Inf	-Inf	32.63	3	Vertical	258	1.00	-
PK	2.483502G	69.51	74.00	-4.49	32.81	3	Vertical	258	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

07/05/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3886G	49.66	54.00	-4.34	32.45	3	Horizontal	274	3.02	-
AV	2.4354G	98.57	Inf	-Inf	32.62	3	Horizontal	274	3.02	-
AV	2.483502G	53.60	54.00	-0.40	32.81	3	Horizontal	274	3.02	-
PK	2.3806G	60.09	74.00	-13.91	32.42	3	Horizontal	274	3.02	-
PK	2.4602G	107.22	Inf	-Inf	32.72	3	Horizontal	274	3.02	-
PK	2.4846G	71.66	74.00	-2.34	32.81	3	Horizontal	274	3.02	-

**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	PK	712.88M	42.79	46.00	-3.21	-9.43	3	Horizontal	0	1.00	-

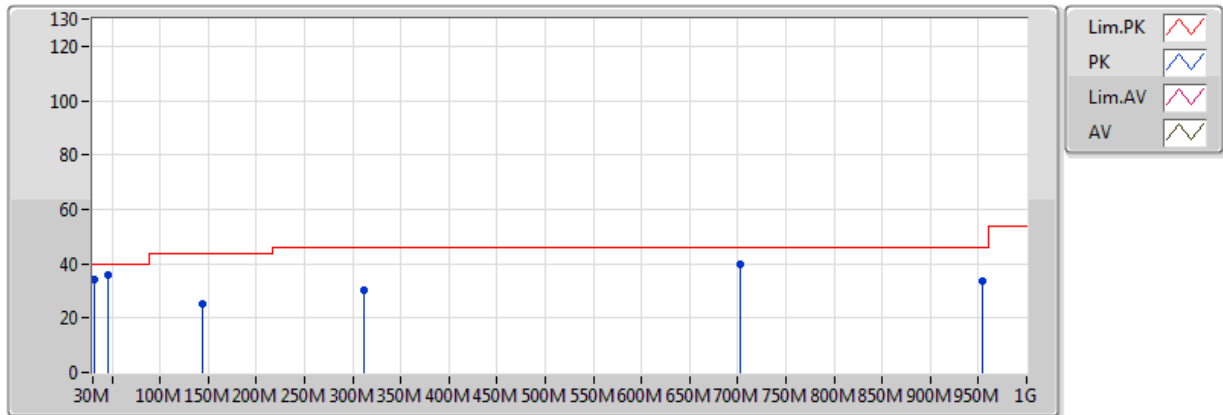
Result

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	30.97M	34.44	40.00	-5.56	-13.88	3	Vertical	360	1.00	-
2437MHz	Pass	PK	144.46M	25.21	43.50	-18.29	-19.35	3	Vertical	360	1.00	-
2437MHz	Pass	PK	312.27M	30.30	46.00	-15.70	-16.50	3	Vertical	360	1.00	-
2437MHz	Pass	PK	703.18M	39.78	46.00	-6.22	-9.65	3	Vertical	360	1.00	-
2437MHz	Pass	PK	953.44M	33.82	46.00	-12.18	-4.71	3	Vertical	360	1.00	-
2437MHz	Pass	QP	45.52M	35.93	40.00	-4.07	-21.27	3	Vertical	290	1.10	-
2437MHz	Pass	PK	31.94M	21.33	40.00	-18.67	-14.36	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	45.52M	21.86	40.00	-18.14	-21.27	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	107.6M	24.51	43.50	-18.99	-20.25	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	312.27M	35.45	46.00	-10.55	-16.50	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	500.45M	29.56	46.00	-16.44	-12.09	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	712.88M	42.79	46.00	-3.21	-9.43	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE

22/05/2018

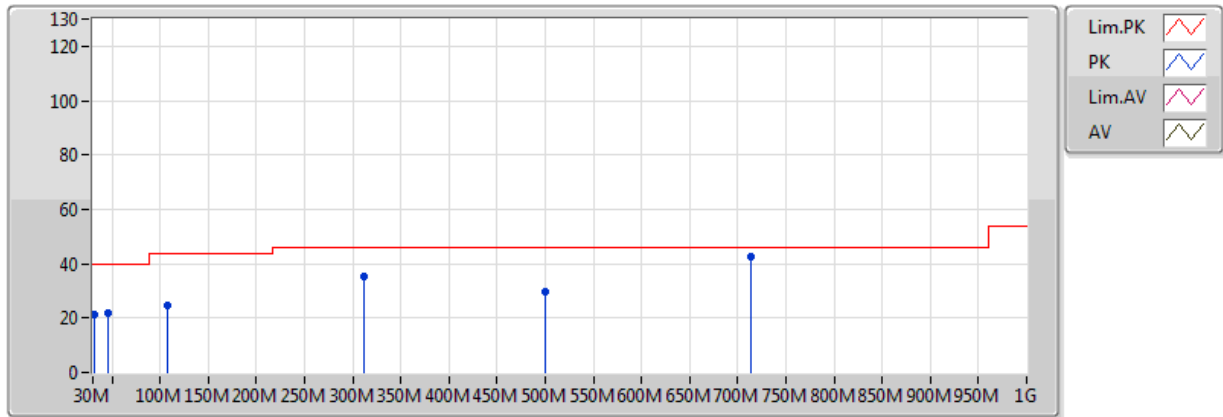


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	30.97M	34.44	40.00	-5.56	-13.88	3	Vertical	360	1.00	-
PK	144.46M	25.21	43.50	-18.29	-19.35	3	Vertical	360	1.00	-
PK	312.27M	30.30	46.00	-15.70	-16.50	3	Vertical	360	1.00	-
PK	703.18M	39.78	46.00	-6.22	-9.65	3	Vertical	360	1.00	-
PK	953.44M	33.82	46.00	-12.18	-4.71	3	Vertical	360	1.00	-
QP	45.52M	35.93	40.00	-4.07	-21.27	3	Vertical	290	1.10	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_PoE

22/05/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	31.94M	21.33	40.00	-18.67	-14.36	3	Horizontal	0	1.00	-
PK	45.52M	21.86	40.00	-18.14	-21.27	3	Horizontal	0	1.00	-
PK	107.6M	24.51	43.50	-18.99	-20.25	3	Horizontal	0	1.00	-
PK	312.27M	35.45	46.00	-10.55	-16.50	3	Horizontal	0	1.00	-
PK	500.45M	29.56	46.00	-16.44	-12.09	3	Horizontal	0	1.00	-
PK	712.88M	42.79	46.00	-3.21	-9.43	3	Horizontal	0	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	4.92394G	44.22	54.00	-9.78	2.30	3	Horizontal	152	1.29	-
802.11g_Nss1,(6Mbps)_1TX	Pass	PK	2.3898G	73.81	74.00	-0.19	30.77	3	Horizontal	59	1.23	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.483502G	53.88	54.00	-0.12	31.11	3	Horizontal	148	1.00	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.389998G	53.89	54.00	-0.11	30.77	3	Horizontal	149	1.01	-

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	2.3684G	42.60	54.00	-11.40	30.70	3	Vertical	2	1.45	-
2412MHz	Pass	AV	2.4128G	96.60	Inf	-Inf	30.86	3	Vertical	2	1.45	-
2412MHz	Pass	PK	2.367G	55.50	74.00	-18.50	30.70	3	Vertical	2	1.45	-
2412MHz	Pass	PK	2.4128G	98.97	Inf	-Inf	30.86	3	Vertical	2	1.45	-
2412MHz	Pass	AV	2.38998G	43.17	54.00	-10.83	30.77	3	Horizontal	150	1.25	-
2412MHz	Pass	AV	2.4112G	105.38	Inf	-Inf	30.85	3	Horizontal	150	1.25	-
2412MHz	Pass	PK	2.3638G	56.67	74.00	-17.33	30.68	3	Horizontal	150	1.25	-
2412MHz	Pass	PK	2.4128G	107.65	Inf	-Inf	30.86	3	Horizontal	150	1.25	-
2412MHz	Pass	AV	4.82398G	34.62	54.00	-19.38	2.09	3	Vertical	146	1.81	-
2412MHz	Pass	PK	4.8237G	43.72	74.00	-30.28	2.09	3	Vertical	146	1.81	-
2412MHz	Pass	AV	4.82398G	41.29	54.00	-12.71	2.09	3	Horizontal	163	1.12	-
2412MHz	Pass	PK	4.82402G	46.30	74.00	-27.70	2.09	3	Horizontal	163	1.12	-
2437MHz	Pass	AV	2.3742G	42.62	54.00	-11.38	30.72	3	Vertical	0	1.45	-
2437MHz	Pass	AV	2.4362G	95.52	Inf	-Inf	30.94	3	Vertical	0	1.45	-
2437MHz	Pass	AV	2.483502G	43.39	54.00	-10.61	31.11	3	Vertical	0	1.45	-
2437MHz	Pass	PK	2.389G	55.74	74.00	-18.26	30.77	3	Vertical	0	1.45	-
2437MHz	Pass	PK	2.4362G	97.82	Inf	-Inf	30.94	3	Vertical	0	1.45	-
2437MHz	Pass	PK	2.4898G	56.33	74.00	-17.67	31.13	3	Vertical	0	1.45	-
2437MHz	Pass	AV	2.3878G	42.58	54.00	-11.42	30.77	3	Horizontal	149	1.00	-
2437MHz	Pass	AV	2.4362G	104.38	Inf	-Inf	30.94	3	Horizontal	149	1.00	-
2437MHz	Pass	AV	2.4898G	43.44	54.00	-10.56	31.13	3	Horizontal	149	1.00	-
2437MHz	Pass	PK	2.3794G	56.48	74.00	-17.52	30.74	3	Horizontal	149	1.00	-
2437MHz	Pass	PK	2.4362G	106.64	Inf	-Inf	30.94	3	Horizontal	149	1.00	-
2437MHz	Pass	PK	2.4954G	56.45	74.00	-17.55	31.16	3	Horizontal	149	1.00	-
2437MHz	Pass	AV	4.87396G	34.88	54.00	-19.12	2.19	3	Vertical	139	1.92	-
2437MHz	Pass	PK	4.87406G	44.10	74.00	-29.90	2.19	3	Vertical	139	1.92	-
2437MHz	Pass	AV	4.87398G	43.53	54.00	-10.47	2.19	3	Horizontal	162	1.10	-
2437MHz	Pass	PK	4.87394G	48.26	74.00	-25.74	2.19	3	Horizontal	162	1.10	-
2462MHz	Pass	AV	2.4612G	97.90	Inf	-Inf	31.03	3	Vertical	15	1.21	-
2462MHz	Pass	AV	2.484G	43.48	54.00	-10.52	31.12	3	Vertical	15	1.21	-
2462MHz	Pass	PK	2.4628G	100.17	Inf	-Inf	31.04	3	Vertical	15	1.21	-
2462MHz	Pass	PK	2.4922G	56.24	74.00	-17.76	31.14	3	Vertical	15	1.21	-
2462MHz	Pass	AV	2.4612G	105.97	Inf	-Inf	31.03	3	Horizontal	137	1.00	-
2462MHz	Pass	AV	2.4838G	43.97	54.00	-10.03	31.11	3	Horizontal	137	1.00	-
2462MHz	Pass	PK	2.461G	108.17	Inf	-Inf	31.03	3	Horizontal	137	1.00	-
2462MHz	Pass	PK	2.4836G	57.10	74.00	-16.90	31.11	3	Horizontal	137	1.00	-
2462MHz	Pass	AV	4.92391G	34.74	54.00	-19.26	2.30	3	Vertical	140	1.87	-
2462MHz	Pass	PK	4.92412G	44.01	74.00	-29.99	2.30	3	Vertical	140	1.87	-
2462MHz	Pass	AV	4.92394G	44.22	54.00	-9.78	2.30	3	Horizontal	152	1.29	-
2462MHz	Pass	PK	4.92389G	48.84	74.00	-25.16	2.30	3	Horizontal	152	1.29	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	46.89	54.00	-7.11	30.77	3	Vertical	89	1.87	-
2412MHz	Pass	AV	2.4074G	91.19	Inf	-Inf	30.84	3	Vertical	89	1.87	-
2412MHz	Pass	PK	2.3898G	62.07	74.00	-11.93	30.77	3	Vertical	89	1.87	-
2412MHz	Pass	PK	2.4162G	101.03	Inf	-Inf	30.87	3	Vertical	89	1.87	-
2412MHz	Pass	AV	2.3898G	53.48	54.00	-0.52	30.77	3	Horizontal	59	1.23	-
2412MHz	Pass	AV	2.4196G	100.49	Inf	-Inf	30.88	3	Horizontal	59	1.23	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3898G	73.81	74.00	-0.19	30.77	3	Horizontal	59	1.23	-
2412MHz	Pass	PK	2.417G	110.32	Inf	-Inf	30.87	3	Horizontal	59	1.23	-
2412MHz	Pass	AV	4.81668G	29.94	54.00	-24.06	2.07	3	Vertical	125	1.62	-
2412MHz	Pass	PK	4.8114G	42.27	74.00	-31.73	2.06	3	Vertical	125	1.62	-
2412MHz	Pass	AV	4.8191G	33.84	54.00	-20.16	2.08	3	Horizontal	162	1.71	-
2412MHz	Pass	PK	4.8192G	48.34	74.00	-25.66	2.08	3	Horizontal	162	1.71	-
2417MHz	Pass	AV	2.3896G	49.14	54.00	-4.86	30.77	3	Vertical	210	1.97	-
2417MHz	Pass	AV	2.4232G	96.86	Inf	-Inf	30.89	3	Vertical	210	1.97	-
2417MHz	Pass	PK	2.3898G	66.56	74.00	-7.44	30.77	3	Vertical	210	1.97	-
2417MHz	Pass	PK	2.4214G	106.79	Inf	-Inf	30.89	3	Vertical	210	1.97	-
2417MHz	Pass	AV	2.389998G	53.46	54.00	-0.54	30.77	3	Horizontal	146	1.50	-
2417MHz	Pass	AV	2.4228G	101.89	Inf	-Inf	30.89	3	Horizontal	146	1.50	-
2417MHz	Pass	PK	2.389998G	71.92	74.00	-2.08	30.77	3	Horizontal	146	1.50	-
2417MHz	Pass	PK	2.4108G	111.08	Inf	-Inf	30.85	3	Horizontal	146	1.50	-
2422MHz	Pass	AV	2.3896G	45.44	54.00	-8.56	30.77	3	Vertical	51	1.45	-
2422MHz	Pass	AV	2.4276G	96.63	Inf	-Inf	30.91	3	Vertical	51	1.45	-
2422MHz	Pass	PK	2.3898G	61.21	74.00	-12.79	30.77	3	Vertical	51	1.45	-
2422MHz	Pass	PK	2.4286G	106.29	Inf	-Inf	30.91	3	Vertical	51	1.45	-
2422MHz	Pass	AV	2.389998G	53.14	54.00	-0.86	30.77	3	Horizontal	145	1.68	-
2422MHz	Pass	AV	2.4286G	103.48	Inf	-Inf	30.91	3	Horizontal	145	1.68	-
2422MHz	Pass	PK	2.389998G	70.25	74.00	-3.75	30.77	3	Horizontal	145	1.68	-
2422MHz	Pass	PK	2.4266G	113.61	Inf	-Inf	30.91	3	Horizontal	145	1.68	-
2427MHz	Pass	AV	2.3898G	43.51	54.00	-10.49	30.77	3	Vertical	52	1.45	-
2427MHz	Pass	AV	2.43G	96.84	Inf	-Inf	30.92	3	Vertical	52	1.45	-
2427MHz	Pass	PK	2.3884G	56.35	74.00	-17.65	30.77	3	Vertical	52	1.45	-
2427MHz	Pass	PK	2.429G	106.84	Inf	-Inf	30.91	3	Vertical	52	1.45	-
2427MHz	Pass	AV	2.389998G	47.40	54.00	-6.60	30.77	3	Horizontal	142	1.50	-
2427MHz	Pass	AV	2.4316G	103.37	Inf	-Inf	30.92	3	Horizontal	142	1.50	-
2427MHz	Pass	PK	2.3898G	66.32	74.00	-7.68	30.77	3	Horizontal	142	1.50	-
2427MHz	Pass	PK	2.4222G	112.97	Inf	-Inf	30.89	3	Horizontal	142	1.50	-
2437MHz	Pass	AV	2.341G	43.14	54.00	-10.86	30.60	3	Vertical	319	1.96	-
2437MHz	Pass	AV	2.4302G	94.85	Inf	-Inf	30.92	3	Vertical	319	1.96	-
2437MHz	Pass	AV	2.489G	44.59	54.00	-9.41	31.13	3	Vertical	319	1.96	-
2437MHz	Pass	PK	2.3858G	55.80	74.00	-18.20	30.76	3	Vertical	319	1.96	-
2437MHz	Pass	PK	2.4318G	104.72	Inf	-Inf	30.92	3	Vertical	319	1.96	-
2437MHz	Pass	PK	2.4898G	56.80	74.00	-17.20	31.13	3	Vertical	319	1.96	-
2437MHz	Pass	AV	2.385G	44.10	54.00	-9.90	30.76	3	Horizontal	64	1.02	-
2437MHz	Pass	AV	2.4318G	102.04	Inf	-Inf	30.92	3	Horizontal	64	1.02	-
2437MHz	Pass	AV	2.489G	46.14	54.00	-7.86	31.13	3	Horizontal	64	1.02	-
2437MHz	Pass	PK	2.3898G	59.53	74.00	-14.47	30.77	3	Horizontal	64	1.02	-
2437MHz	Pass	PK	2.4322G	111.49	Inf	-Inf	30.93	3	Horizontal	64	1.02	-
2437MHz	Pass	PK	2.4898G	57.49	74.00	-16.51	31.13	3	Horizontal	64	1.02	-
2437MHz	Pass	AV	4.8725G	32.80	54.00	-21.20	2.19	3	Vertical	50	1.79	-
2437MHz	Pass	PK	4.87172G	45.96	74.00	-28.04	2.19	3	Vertical	50	1.79	-
2437MHz	Pass	AV	4.88552G	34.72	54.00	-19.28	2.22	3	Horizontal	297	1.81	-
2437MHz	Pass	PK	4.87604G	48.11	74.00	-25.89	2.20	3	Horizontal	297	1.81	-
2447MHz	Pass	AV	2.4416G	95.93	Inf	-Inf	30.96	3	Vertical	56	1.67	-
2447MHz	Pass	AV	2.483502G	46.49	54.00	-7.51	31.11	3	Vertical	56	1.67	-
2447MHz	Pass	PK	2.4506G	105.91	Inf	-Inf	30.99	3	Vertical	56	1.67	-

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	2.4838G	65.01	74.00	-8.99	31.11	3	Vertical	56	1.67	-
2447MHz	Pass	AV	2.4408G	102.09	Inf	-Inf	30.96	3	Horizontal	144	1.37	-
2447MHz	Pass	AV	2.483502G	49.79	54.00	-4.21	31.11	3	Horizontal	144	1.37	-
2447MHz	Pass	PK	2.44G	111.37	Inf	-Inf	30.95	3	Horizontal	144	1.37	-
2447MHz	Pass	PK	2.4838G	68.53	74.00	-5.47	31.11	3	Horizontal	144	1.37	-
2452MHz	Pass	AV	2.4592G	95.93	Inf	-Inf	31.02	3	Vertical	54	1.42	-
2452MHz	Pass	AV	2.4836G	49.48	54.00	-4.52	31.11	3	Vertical	54	1.42	-
2452MHz	Pass	PK	2.4586G	105.60	Inf	-Inf	31.02	3	Vertical	54	1.42	-
2452MHz	Pass	PK	2.4846G	67.16	74.00	-6.84	31.12	3	Vertical	54	1.42	-
2452MHz	Pass	AV	2.4594G	101.93	Inf	-Inf	31.02	3	Horizontal	144	1.01	-
2452MHz	Pass	AV	2.483502G	53.33	54.00	-0.67	31.11	3	Horizontal	144	1.01	-
2452MHz	Pass	PK	2.4568G	111.54	Inf	-Inf	31.01	3	Horizontal	144	1.01	-
2452MHz	Pass	PK	2.483502G	69.26	74.00	-4.74	31.11	3	Horizontal	144	1.01	-
2457MHz	Pass	AV	2.462G	95.63	Inf	-Inf	31.03	3	Vertical	53	1.42	-
2457MHz	Pass	AV	2.483502G	49.93	54.00	-4.07	31.11	3	Vertical	53	1.42	-
2457MHz	Pass	PK	2.4604G	105.60	Inf	-Inf	31.03	3	Vertical	53	1.42	-
2457MHz	Pass	PK	2.4836G	65.56	74.00	-8.44	31.11	3	Vertical	53	1.42	-
2457MHz	Pass	AV	2.4608G	101.78	Inf	-Inf	31.03	3	Horizontal	144	1.00	-
2457MHz	Pass	AV	2.483502G	53.37	54.00	-0.63	31.11	3	Horizontal	144	1.00	-
2457MHz	Pass	PK	2.4626G	111.79	Inf	-Inf	31.04	3	Horizontal	144	1.00	-
2457MHz	Pass	PK	2.4862G	69.12	74.00	-4.88	31.12	3	Horizontal	144	1.00	-
2462MHz	Pass	AV	2.4674G	95.27	Inf	-Inf	31.05	3	Vertical	326	2.97	-
2462MHz	Pass	AV	2.483502G	50.46	54.00	-3.54	31.11	3	Vertical	326	2.97	-
2462MHz	Pass	PK	2.4662G	106.08	Inf	-Inf	31.05	3	Vertical	326	2.97	-
2462MHz	Pass	PK	2.4836G	69.35	74.00	-4.65	31.11	3	Vertical	326	2.97	-
2462MHz	Pass	AV	2.4586G	98.95	Inf	-Inf	31.02	3	Horizontal	60	1.14	-
2462MHz	Pass	AV	2.483502G	53.15	54.00	-0.85	31.11	3	Horizontal	60	1.14	-
2462MHz	Pass	PK	2.4554G	109.37	Inf	-Inf	31.01	3	Horizontal	60	1.14	-
2462MHz	Pass	PK	2.483502G	72.16	74.00	-1.84	31.11	3	Horizontal	60	1.14	-
2462MHz	Pass	AV	4.9387G	32.06	54.00	-21.94	2.33	3	Vertical	6	1.39	-
2462MHz	Pass	PK	4.93636G	44.61	74.00	-29.39	2.33	3	Vertical	6	1.39	-
2462MHz	Pass	AV	4.93666G	34.23	54.00	-19.77	2.33	3	Horizontal	209	1.33	-
2462MHz	Pass	PK	4.92712G	47.20	74.00	-26.80	2.31	3	Horizontal	209	1.33	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	47.37	54.00	-6.63	30.77	3	Vertical	96	2.74	-
2412MHz	Pass	AV	2.4044G	92.21	Inf	-Inf	30.83	3	Vertical	96	2.74	-
2412MHz	Pass	PK	2.389998G	62.11	74.00	-11.89	30.77	3	Vertical	96	2.74	-
2412MHz	Pass	PK	2.4074G	100.98	Inf	-Inf	30.84	3	Vertical	96	2.74	-
2412MHz	Pass	AV	2.389998G	53.17	54.00	-0.83	30.77	3	Horizontal	60	1.01	-
2412MHz	Pass	AV	2.4198G	100.14	Inf	-Inf	30.88	3	Horizontal	60	1.01	-
2412MHz	Pass	PK	2.389998G	70.62	74.00	-3.38	30.77	3	Horizontal	60	1.01	-
2412MHz	Pass	PK	2.4196G	108.89	Inf	-Inf	30.88	3	Horizontal	60	1.01	-
2412MHz	Pass	AV	4.80912G	31.91	54.00	-22.09	2.06	3	Vertical	212	1.64	-
2412MHz	Pass	PK	4.82478G	44.20	74.00	-29.80	2.09	3	Vertical	212	1.64	-
2412MHz	Pass	AV	4.80972G	34.77	54.00	-19.23	2.06	3	Horizontal	341	1.24	-
2412MHz	Pass	PK	4.82274G	46.96	74.00	-27.04	2.08	3	Horizontal	341	1.24	-
2417MHz	Pass	AV	2.3894G	46.89	54.00	-7.11	30.77	3	Vertical	55	1.01	-
2417MHz	Pass	AV	2.4248G	94.78	Inf	-Inf	30.90	3	Vertical	55	1.01	-
2417MHz	Pass	PK	2.3898G	59.14	74.00	-14.86	30.77	3	Vertical	55	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.4246G	103.52	Inf	-Inf	30.90	3	Vertical	55	1.01	-
2417MHz	Pass	AV	2.389998G	53.81	54.00	-0.19	30.77	3	Horizontal	146	1.58	-
2417MHz	Pass	AV	2.4248G	101.51	Inf	-Inf	30.90	3	Horizontal	146	1.58	-
2417MHz	Pass	PK	2.389998G	68.66	74.00	-5.34	30.77	3	Horizontal	146	1.58	-
2417MHz	Pass	PK	2.4246G	110.25	Inf	-Inf	30.90	3	Horizontal	146	1.58	-
2422MHz	Pass	AV	2.389998G	45.37	54.00	-8.63	30.77	3	Vertical	55	1.46	-
2422MHz	Pass	AV	2.4276G	96.22	Inf	-Inf	30.91	3	Vertical	55	1.46	-
2422MHz	Pass	PK	2.3898G	60.09	74.00	-13.91	30.77	3	Vertical	55	1.46	-
2422MHz	Pass	PK	2.4266G	105.14	Inf	-Inf	30.91	3	Vertical	55	1.46	-
2422MHz	Pass	AV	2.389998G	53.44	54.00	-0.56	30.77	3	Horizontal	145	1.50	-
2422MHz	Pass	AV	2.4296G	102.89	Inf	-Inf	30.92	3	Horizontal	145	1.50	-
2422MHz	Pass	PK	2.3894G	70.37	74.00	-3.63	30.77	3	Horizontal	145	1.50	-
2422MHz	Pass	PK	2.4278G	112.70	Inf	-Inf	30.91	3	Horizontal	145	1.50	-
2427MHz	Pass	AV	2.3896G	44.58	54.00	-9.42	30.77	3	Vertical	54	1.47	-
2427MHz	Pass	AV	2.4298G	97.22	Inf	-Inf	30.92	3	Vertical	54	1.47	-
2427MHz	Pass	PK	2.3894G	57.57	74.00	-16.43	30.77	3	Vertical	54	1.47	-
2427MHz	Pass	PK	2.433G	106.27	Inf	-Inf	30.93	3	Vertical	54	1.47	-
2427MHz	Pass	AV	2.389998G	49.25	54.00	-4.75	30.77	3	Horizontal	144	1.42	-
2427MHz	Pass	AV	2.432G	103.97	Inf	-Inf	30.93	3	Horizontal	144	1.42	-
2427MHz	Pass	PK	2.389998G	67.44	74.00	-6.56	30.77	3	Horizontal	144	1.42	-
2427MHz	Pass	PK	2.4302G	112.93	Inf	-Inf	30.92	3	Horizontal	144	1.42	-
2437MHz	Pass	AV	2.3726G	44.11	54.00	-9.89	30.71	3	Vertical	313	2.70	-
2437MHz	Pass	AV	2.4294G	95.01	Inf	-Inf	30.92	3	Vertical	313	2.70	-
2437MHz	Pass	AV	2.4894G	45.86	54.00	-8.14	31.13	3	Vertical	313	2.70	-
2437MHz	Pass	PK	2.3394G	55.93	74.00	-18.07	30.60	3	Vertical	313	2.70	-
2437MHz	Pass	PK	2.4322G	104.01	Inf	-Inf	30.93	3	Vertical	313	2.70	-
2437MHz	Pass	PK	2.489G	57.60	74.00	-16.40	31.13	3	Vertical	313	2.70	-
2437MHz	Pass	AV	2.3854G	45.95	54.00	-8.05	30.76	3	Horizontal	61	1.00	-
2437MHz	Pass	AV	2.4294G	102.18	Inf	-Inf	30.92	3	Horizontal	61	1.00	-
2437MHz	Pass	AV	2.489G	47.15	54.00	-6.85	31.13	3	Horizontal	61	1.00	-
2437MHz	Pass	PK	2.387G	59.96	74.00	-14.04	30.76	3	Horizontal	61	1.00	-
2437MHz	Pass	PK	2.4322G	111.10	Inf	-Inf	30.93	3	Horizontal	61	1.00	-
2437MHz	Pass	PK	2.489G	57.64	74.00	-16.36	31.13	3	Horizontal	61	1.00	-
2437MHz	Pass	AV	4.88246G	32.84	54.00	-21.16	2.21	3	Vertical	107	1.50	-
2437MHz	Pass	PK	4.88474G	45.58	74.00	-28.42	2.22	3	Vertical	107	1.50	-
2437MHz	Pass	AV	4.889G	35.87	54.00	-18.13	2.22	3	Horizontal	58	1.78	-
2437MHz	Pass	PK	4.88558G	48.47	74.00	-25.53	2.22	3	Horizontal	58	1.78	-
2447MHz	Pass	AV	2.4414G	96.56	Inf	-Inf	30.96	3	Vertical	57	1.65	-
2447MHz	Pass	AV	2.4836G	48.81	54.00	-5.19	31.11	3	Vertical	57	1.65	-
2447MHz	Pass	PK	2.4424G	106.24	Inf	-Inf	30.96	3	Vertical	57	1.65	-
2447MHz	Pass	PK	2.483502G	64.47	74.00	-9.53	31.11	3	Vertical	57	1.65	-
2447MHz	Pass	AV	2.4394G	102.95	Inf	-Inf	30.95	3	Horizontal	148	1.47	-
2447MHz	Pass	AV	2.4838G	53.03	54.00	-0.97	31.11	3	Horizontal	148	1.47	-
2447MHz	Pass	PK	2.4398G	111.70	Inf	-Inf	30.95	3	Horizontal	148	1.47	-
2447MHz	Pass	PK	2.4836G	67.98	74.00	-6.02	31.11	3	Horizontal	148	1.47	-
2452MHz	Pass	AV	2.4594G	95.75	Inf	-Inf	31.02	3	Vertical	56	1.41	-
2452MHz	Pass	AV	2.483502G	50.31	54.00	-3.69	31.11	3	Vertical	56	1.41	-
2452MHz	Pass	PK	2.457G	104.82	Inf	-Inf	31.02	3	Vertical	56	1.41	-
2452MHz	Pass	PK	2.483502G	65.15	74.00	-8.85	31.11	3	Vertical	56	1.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.4446G	101.35	Inf	-Inf	30.97	3	Horizontal	145	1.24	-
2452MHz	Pass	AV	2.483502G	53.85	54.00	-0.15	31.11	3	Horizontal	145	1.24	-
2452MHz	Pass	PK	2.4582G	110.83	Inf	-Inf	31.02	3	Horizontal	145	1.24	-
2452MHz	Pass	PK	2.4842G	70.91	74.00	-3.09	31.12	3	Horizontal	145	1.24	-
2457MHz	Pass	AV	2.4614G	95.59	Inf	-Inf	31.03	3	Vertical	55	1.49	-
2457MHz	Pass	AV	2.483502G	50.51	54.00	-3.49	31.11	3	Vertical	55	1.49	-
2457MHz	Pass	PK	2.4618G	105.56	Inf	-Inf	31.03	3	Vertical	55	1.49	-
2457MHz	Pass	PK	2.483502G	64.64	74.00	-9.36	31.11	3	Vertical	55	1.49	-
2457MHz	Pass	AV	2.4618G	101.44	Inf	-Inf	31.03	3	Horizontal	148	1.00	-
2457MHz	Pass	AV	2.483502G	53.88	54.00	-0.12	31.11	3	Horizontal	148	1.00	-
2457MHz	Pass	PK	2.4592G	111.02	Inf	-Inf	31.02	3	Horizontal	148	1.00	-
2457MHz	Pass	PK	2.4836G	68.90	74.00	-5.10	31.11	3	Horizontal	148	1.00	-
2462MHz	Pass	AV	2.4574G	93.28	Inf	-Inf	31.02	3	Vertical	311	2.95	-
2462MHz	Pass	AV	2.4836G	49.04	54.00	-4.96	31.11	3	Vertical	311	2.95	-
2462MHz	Pass	PK	2.4574G	102.24	Inf	-Inf	31.02	3	Vertical	311	2.95	-
2462MHz	Pass	PK	2.4842G	66.54	74.00	-7.46	31.12	3	Vertical	311	2.95	-
2462MHz	Pass	AV	2.459G	98.53	Inf	-Inf	31.02	3	Horizontal	59	1.14	-
2462MHz	Pass	AV	2.483502G	53.29	54.00	-0.71	31.11	3	Horizontal	59	1.14	-
2462MHz	Pass	PK	2.4574G	107.58	Inf	-Inf	31.02	3	Horizontal	59	1.14	-
2462MHz	Pass	PK	2.484G	71.37	74.00	-2.63	31.12	3	Horizontal	59	1.14	-
2462MHz	Pass	AV	4.93042G	32.66	54.00	-21.34	2.32	3	Vertical	61	1.97	-
2462MHz	Pass	PK	4.93666G	44.80	74.00	-29.20	2.33	3	Vertical	61	1.97	-
2462MHz	Pass	AV	4.93342G	34.79	54.00	-19.21	2.32	3	Horizontal	175	1.24	-
2462MHz	Pass	PK	4.93G	47.67	74.00	-26.33	2.31	3	Horizontal	175	1.24	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	45.51	54.00	-8.49	30.77	3	Vertical	313	2.71	-
2422MHz	Pass	AV	2.4268G	89.05	Inf	-Inf	30.91	3	Vertical	313	2.71	-
2422MHz	Pass	AV	2.4888G	44.62	54.00	-9.38	31.13	3	Vertical	313	2.71	-
2422MHz	Pass	PK	2.3888G	56.82	74.00	-17.18	30.77	3	Vertical	313	2.71	-
2422MHz	Pass	PK	2.4324G	97.85	Inf	-Inf	30.93	3	Vertical	313	2.71	-
2422MHz	Pass	PK	2.4876G	56.27	74.00	-17.73	31.13	3	Vertical	313	2.71	-
2422MHz	Pass	AV	2.389998G	53.54	54.00	-0.46	30.77	3	Horizontal	61	1.01	-
2422MHz	Pass	AV	2.43G	95.82	Inf	-Inf	30.92	3	Horizontal	61	1.01	-
2422MHz	Pass	AV	2.4924G	44.85	54.00	-9.15	31.14	3	Horizontal	61	1.01	-
2422MHz	Pass	PK	2.3892G	64.78	74.00	-9.22	30.77	3	Horizontal	61	1.01	-
2422MHz	Pass	PK	2.4196G	105.17	Inf	-Inf	30.88	3	Horizontal	61	1.01	-
2422MHz	Pass	PK	2.484G	56.21	74.00	-17.79	31.12	3	Horizontal	61	1.01	-
2422MHz	Pass	AV	4.84205G	31.23	54.00	-22.77	2.13	3	Vertical	335	1.22	-
2422MHz	Pass	PK	4.84356G	43.70	74.00	-30.30	2.13	3	Vertical	335	1.22	-
2422MHz	Pass	AV	4.84159G	32.64	54.00	-21.36	2.12	3	Horizontal	47	1.76	-
2422MHz	Pass	PK	4.84314G	44.41	74.00	-29.59	2.13	3	Horizontal	47	1.76	-
2427MHz	Pass	AV	2.3898G	45.48	54.00	-8.52	30.77	3	Vertical	57	1.50	-
2427MHz	Pass	AV	2.4298G	90.38	Inf	-Inf	30.92	3	Vertical	57	1.50	-
2427MHz	Pass	AV	2.4854G	44.63	54.00	-9.37	31.12	3	Vertical	57	1.50	-
2427MHz	Pass	PK	2.389G	60.40	74.00	-13.60	30.77	3	Vertical	57	1.50	-
2427MHz	Pass	PK	2.439G	99.40	Inf	-Inf	30.95	3	Vertical	57	1.50	-
2427MHz	Pass	PK	2.485G	57.03	74.00	-16.97	31.12	3	Vertical	57	1.50	-
2427MHz	Pass	AV	2.3898G	53.07	54.00	-0.93	30.77	3	Horizontal	147	1.44	-
2427MHz	Pass	AV	2.4306G	97.49	Inf	-Inf	30.92	3	Horizontal	147	1.44	-

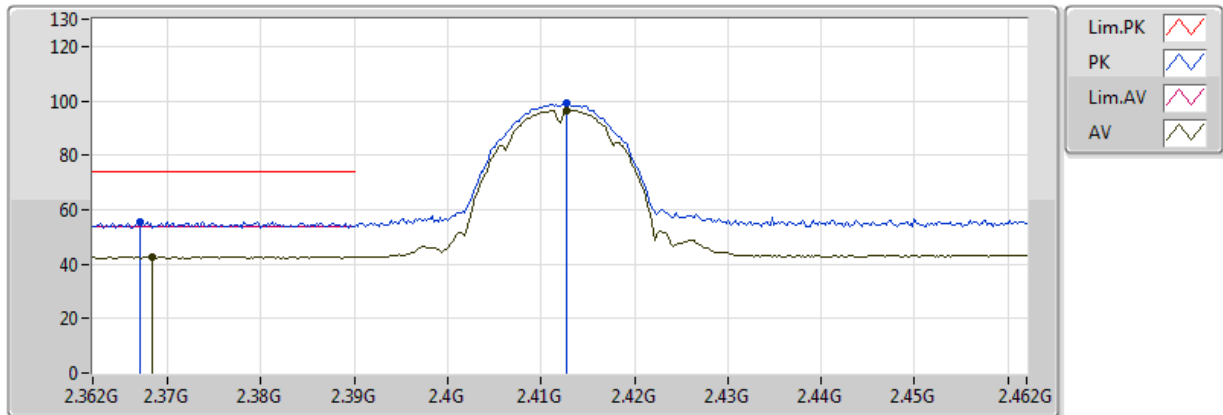
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.4842G	46.68	54.00	-7.32	31.12	3	Horizontal	147	1.44	-
2427MHz	Pass	PK	2.3894G	69.22	74.00	-4.78	30.77	3	Horizontal	147	1.44	-
2427MHz	Pass	PK	2.4306G	106.66	Inf	-Inf	30.92	3	Horizontal	147	1.44	-
2427MHz	Pass	PK	2.483502G	60.45	74.00	-13.55	31.11	3	Horizontal	147	1.44	-
2432MHz	Pass	AV	2.389998G	46.40	54.00	-7.60	30.77	3	Vertical	59	1.50	-
2432MHz	Pass	AV	2.4332G	91.19	Inf	-Inf	30.93	3	Vertical	59	1.50	-
2432MHz	Pass	AV	2.483502G	46.79	54.00	-7.21	31.11	3	Vertical	59	1.50	-
2432MHz	Pass	PK	2.3884G	60.51	74.00	-13.49	30.77	3	Vertical	59	1.50	-
2432MHz	Pass	PK	2.4268G	101.67	Inf	-Inf	30.91	3	Vertical	59	1.50	-
2432MHz	Pass	PK	2.4848G	58.64	74.00	-15.36	31.12	3	Vertical	59	1.50	-
2432MHz	Pass	AV	2.389998G	53.89	54.00	-0.11	30.77	3	Horizontal	149	1.01	-
2432MHz	Pass	AV	2.4228G	98.62	Inf	-Inf	30.89	3	Horizontal	149	1.01	-
2432MHz	Pass	AV	2.484G	50.05	54.00	-3.95	31.12	3	Horizontal	149	1.01	-
2432MHz	Pass	PK	2.389998G	71.55	74.00	-2.45	30.77	3	Horizontal	149	1.01	-
2432MHz	Pass	PK	2.4284G	108.18	Inf	-Inf	30.91	3	Horizontal	149	1.01	-
2432MHz	Pass	PK	2.484G	65.63	74.00	-8.37	31.12	3	Horizontal	149	1.01	-
2437MHz	Pass	AV	2.3898G	46.14	54.00	-7.86	30.77	3	Vertical	315	2.71	-
2437MHz	Pass	AV	2.4274G	91.26	Inf	-Inf	30.91	3	Vertical	315	2.71	-
2437MHz	Pass	AV	2.483502G	50.06	54.00	-3.94	31.11	3	Vertical	315	2.71	-
2437MHz	Pass	PK	2.3886G	60.26	74.00	-13.74	30.77	3	Vertical	315	2.71	-
2437MHz	Pass	PK	2.4322G	100.34	Inf	-Inf	30.93	3	Vertical	315	2.71	-
2437MHz	Pass	PK	2.483502G	64.19	74.00	-9.81	31.11	3	Vertical	315	2.71	-
2437MHz	Pass	AV	2.3898G	53.18	54.00	-0.82	30.77	3	Horizontal	60	1.00	-
2437MHz	Pass	AV	2.427G	98.14	Inf	-Inf	30.91	3	Horizontal	60	1.00	-
2437MHz	Pass	AV	2.4838G	52.64	54.00	-1.36	31.11	3	Horizontal	60	1.00	-
2437MHz	Pass	PK	2.3898G	68.11	74.00	-5.89	30.77	3	Horizontal	60	1.00	-
2437MHz	Pass	PK	2.4322G	107.17	Inf	-Inf	30.93	3	Horizontal	60	1.00	-
2437MHz	Pass	PK	2.483502G	67.16	74.00	-6.84	31.11	3	Horizontal	60	1.00	-
2437MHz	Pass	AV	4.87191G	32.08	54.00	-21.92	2.19	3	Vertical	98	1.02	-
2437MHz	Pass	PK	4.87193G	44.08	74.00	-29.92	2.19	3	Vertical	98	1.02	-
2437MHz	Pass	AV	4.87243G	34.12	54.00	-19.88	2.19	3	Horizontal	155	1.63	-
2437MHz	Pass	PK	4.8736G	46.31	74.00	-27.69	2.19	3	Horizontal	155	1.63	-
2442MHz	Pass	AV	2.3896G	44.53	54.00	-9.47	30.77	3	Vertical	61	1.45	-
2442MHz	Pass	AV	2.4324G	91.34	Inf	-Inf	30.93	3	Vertical	61	1.45	-
2442MHz	Pass	AV	2.484G	50.12	54.00	-3.88	31.12	3	Vertical	61	1.45	-
2442MHz	Pass	PK	2.389998G	55.76	74.00	-18.24	30.77	3	Vertical	61	1.45	-
2442MHz	Pass	PK	2.4292G	100.99	Inf	-Inf	30.92	3	Vertical	61	1.45	-
2442MHz	Pass	PK	2.483502G	68.95	74.00	-5.05	31.11	3	Vertical	61	1.45	-
2442MHz	Pass	AV	2.389998G	48.73	54.00	-5.27	30.77	3	Horizontal	153	1.01	-
2442MHz	Pass	AV	2.4296G	98.07	Inf	-Inf	30.92	3	Horizontal	153	1.01	-
2442MHz	Pass	AV	2.483502G	53.83	54.00	-0.17	31.11	3	Horizontal	153	1.01	-
2442MHz	Pass	PK	2.389998G	63.62	74.00	-10.38	30.77	3	Horizontal	153	1.01	-
2442MHz	Pass	PK	2.4264G	107.09	Inf	-Inf	30.91	3	Horizontal	153	1.01	-
2442MHz	Pass	PK	2.484G	72.67	74.00	-1.33	31.12	3	Horizontal	153	1.01	-
2447MHz	Pass	AV	2.3894G	43.79	54.00	-10.21	30.77	3	Vertical	59	1.45	-
2447MHz	Pass	AV	2.459G	90.28	Inf	-Inf	31.02	3	Vertical	59	1.45	-
2447MHz	Pass	AV	2.4838G	48.81	54.00	-5.19	31.11	3	Vertical	59	1.45	-
2447MHz	Pass	PK	2.3578G	55.59	74.00	-18.41	30.66	3	Vertical	59	1.45	-
2447MHz	Pass	PK	2.4382G	99.77	Inf	-Inf	30.95	3	Vertical	59	1.45	-

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	2.4846G	64.34	74.00	-9.66	31.12	3	Vertical	59	1.45	-
2447MHz	Pass	AV	2.3898G	45.31	54.00	-8.69	30.77	3	Horizontal	149	1.62	-
2447MHz	Pass	AV	2.4342G	96.75	Inf	-Inf	30.93	3	Horizontal	149	1.62	-
2447MHz	Pass	AV	2.4838G	53.28	54.00	-0.72	31.11	3	Horizontal	149	1.62	-
2447MHz	Pass	PK	2.3894G	56.83	74.00	-17.17	30.77	3	Horizontal	149	1.62	-
2447MHz	Pass	PK	2.4354G	106.35	Inf	-Inf	30.94	3	Horizontal	149	1.62	-
2447MHz	Pass	PK	2.4838G	71.07	74.00	-2.93	31.11	3	Horizontal	149	1.62	-
2452MHz	Pass	AV	2.389998G	44.34	54.00	-9.66	30.77	3	Vertical	306	2.36	-
2452MHz	Pass	AV	2.46G	90.96	Inf	-Inf	31.03	3	Vertical	306	2.36	-
2452MHz	Pass	AV	2.483502G	51.78	54.00	-2.22	31.11	3	Vertical	306	2.36	-
2452MHz	Pass	PK	2.362G	56.74	74.00	-17.26	30.67	3	Vertical	306	2.36	-
2452MHz	Pass	PK	2.4624G	100.04	Inf	-Inf	31.03	3	Vertical	306	2.36	-
2452MHz	Pass	PK	2.483502G	68.74	74.00	-5.26	31.11	3	Vertical	306	2.36	-
2452MHz	Pass	AV	2.3896G	46.75	54.00	-7.25	30.77	3	Horizontal	59	1.00	-
2452MHz	Pass	AV	2.4372G	96.06	Inf	-Inf	30.94	3	Horizontal	59	1.00	-
2452MHz	Pass	AV	2.483502G	53.71	54.00	-0.29	31.11	3	Horizontal	59	1.00	-
2452MHz	Pass	PK	2.3884G	59.98	74.00	-14.02	30.77	3	Horizontal	59	1.00	-
2452MHz	Pass	PK	2.4496G	104.80	Inf	-Inf	30.99	3	Horizontal	59	1.00	-
2452MHz	Pass	PK	2.483502G	71.50	74.00	-2.50	31.11	3	Horizontal	59	1.00	-
2452MHz	Pass	AV	4.90364G	32.43	54.00	-21.57	2.26	3	Vertical	83	1.64	-
2452MHz	Pass	PK	4.90363G	44.82	74.00	-29.18	2.26	3	Vertical	83	1.64	-
2452MHz	Pass	AV	4.90233G	34.38	54.00	-19.62	2.25	3	Horizontal	268	1.20	-
2452MHz	Pass	PK	4.90267G	45.96	74.00	-28.04	2.25	3	Horizontal	268	1.20	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/05/2018

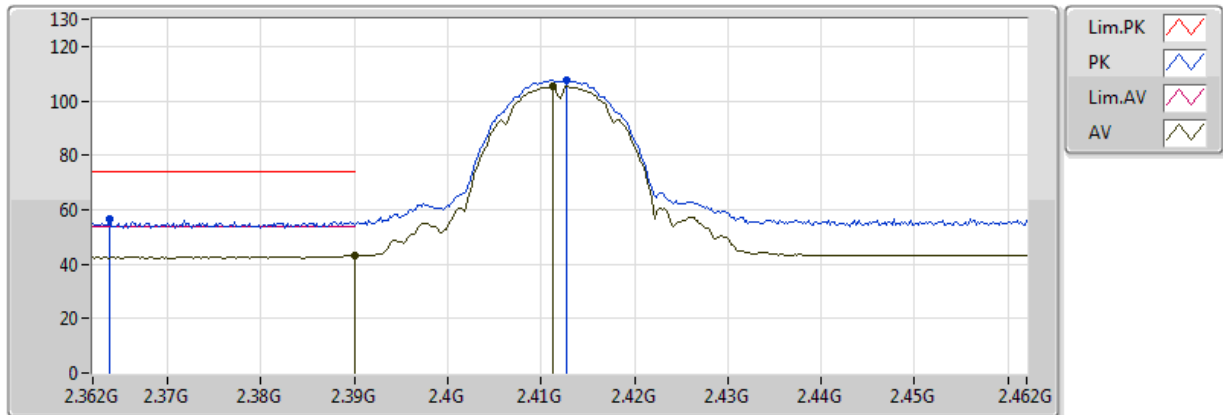


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3684G	42.60	54.00	-11.40	30.70	3	Vertical	2	1.45	-
AV	2.4128G	96.60	Inf	-Inf	30.86	3	Vertical	2	1.45	-
PK	2.367G	55.50	74.00	-18.50	30.70	3	Vertical	2	1.45	-
PK	2.4128G	98.97	Inf	-Inf	30.86	3	Vertical	2	1.45	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

09/05/2018

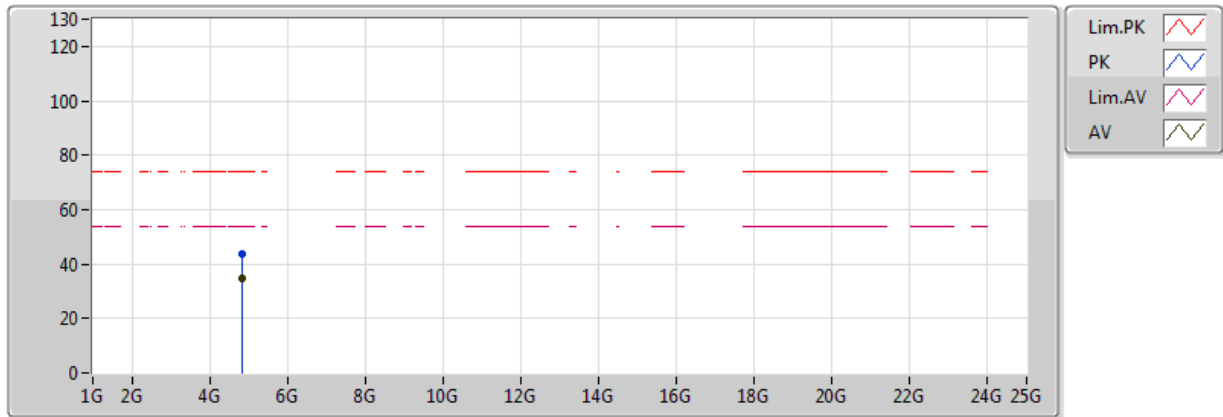


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	43.17	54.00	-10.83	30.77	3	Horizontal	150	1.25	-
AV	2.4112G	105.38	Inf	-Inf	30.85	3	Horizontal	150	1.25	-
PK	2.3638G	56.67	74.00	-17.33	30.68	3	Horizontal	150	1.25	-
PK	2.4128G	107.65	Inf	-Inf	30.86	3	Horizontal	150	1.25	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

10/05/2018

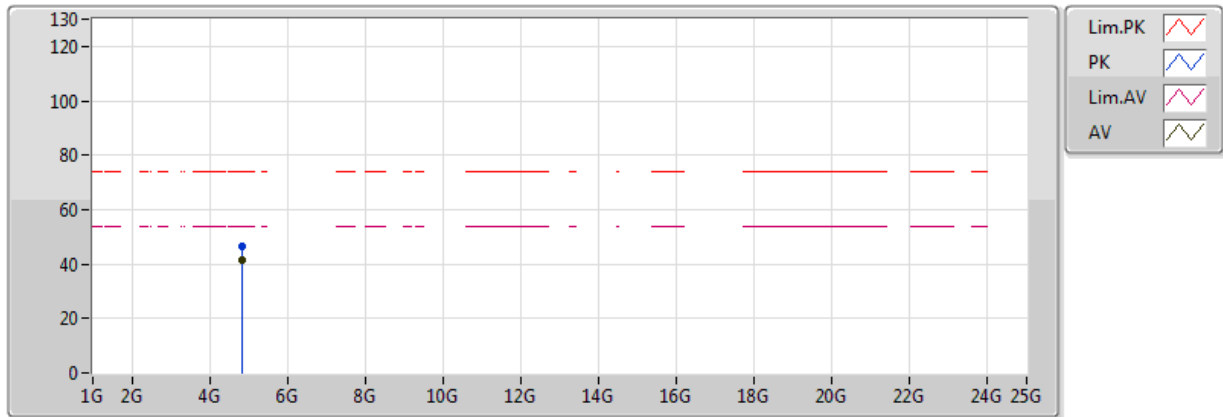


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82398G	34.62	54.00	-19.38	2.09	3	Vertical	146	1.81	-
PK	4.8237G	43.72	74.00	-30.28	2.09	3	Vertical	146	1.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

10/05/2018

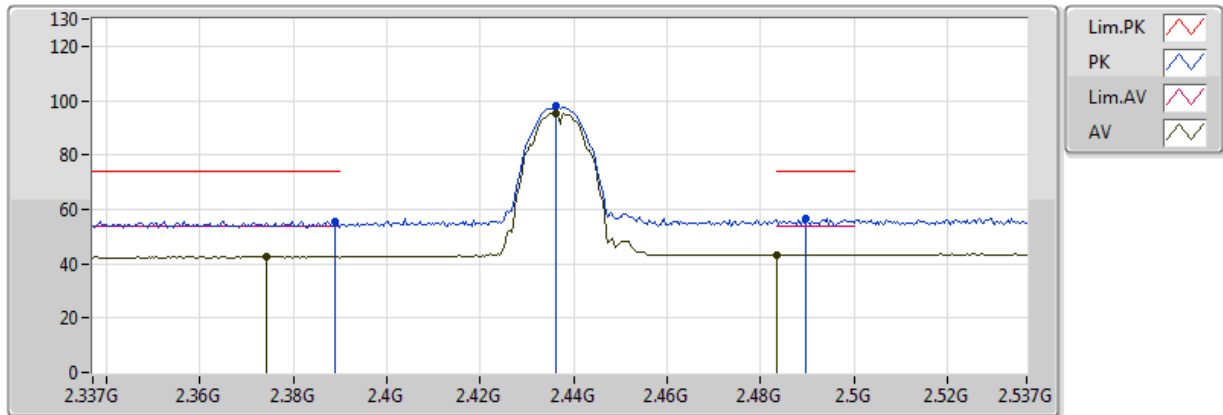


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82398G	41.29	54.00	-12.71	2.09	3	Horizontal	163	1.12	-
PK	4.82402G	46.30	74.00	-27.70	2.09	3	Horizontal	163	1.12	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/05/2018

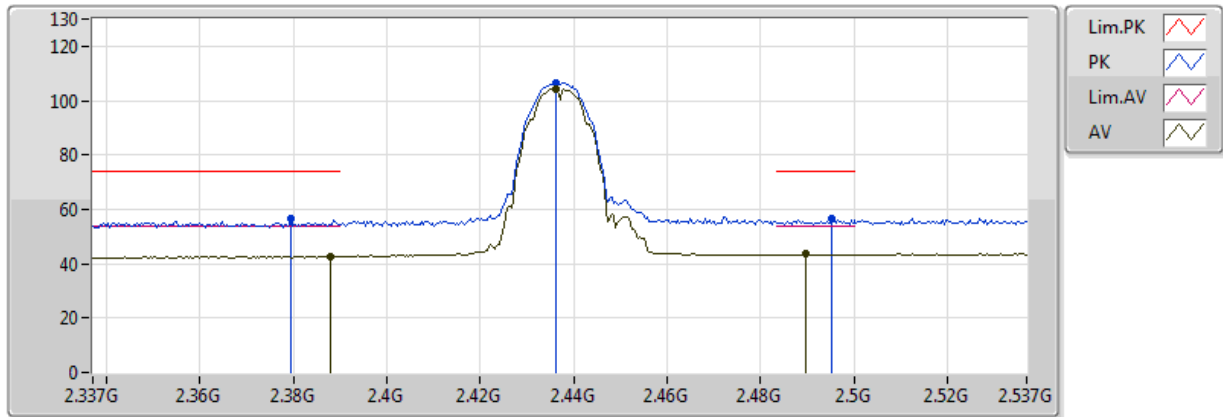


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3742G	42.62	54.00	-11.38	30.72	3	Vertical	0	1.45	-
AV	2.4362G	95.52	Inf	-Inf	30.94	3	Vertical	0	1.45	-
AV	2.483502G	43.39	54.00	-10.61	31.11	3	Vertical	0	1.45	-
PK	2.389G	55.74	74.00	-18.26	30.77	3	Vertical	0	1.45	-
PK	2.4362G	97.82	Inf	-Inf	30.94	3	Vertical	0	1.45	-
PK	2.4898G	56.33	74.00	-17.67	31.13	3	Vertical	0	1.45	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

09/05/2018

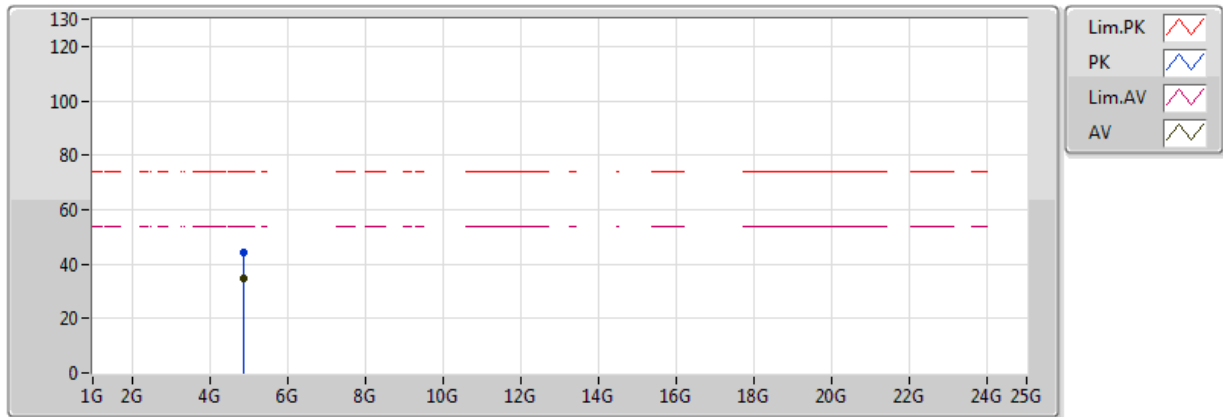


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3878G	42.58	54.00	-11.42	30.77	3	Horizontal	149	1.00	-
AV	2.4362G	104.38	Inf	-Inf	30.94	3	Horizontal	149	1.00	-
AV	2.4898G	43.44	54.00	-10.56	31.13	3	Horizontal	149	1.00	-
PK	2.3794G	56.48	74.00	-17.52	30.74	3	Horizontal	149	1.00	-
PK	2.4362G	106.64	Inf	-Inf	30.94	3	Horizontal	149	1.00	-
PK	2.4954G	56.45	74.00	-17.55	31.16	3	Horizontal	149	1.00	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

10/05/2018

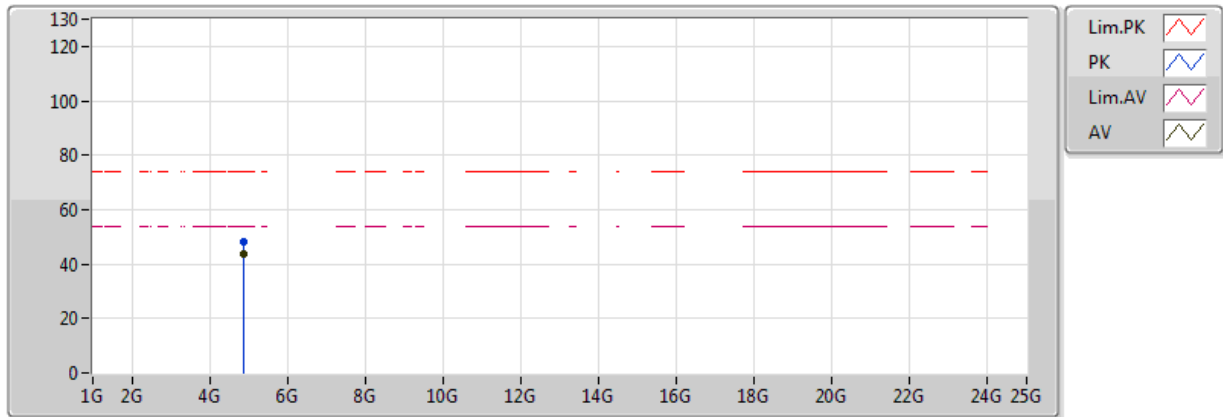


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87396G	34.88	54.00	-19.12	2.19	3	Vertical	139	1.92	-
PK	4.87406G	44.10	74.00	-29.90	2.19	3	Vertical	139	1.92	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

10/05/2018

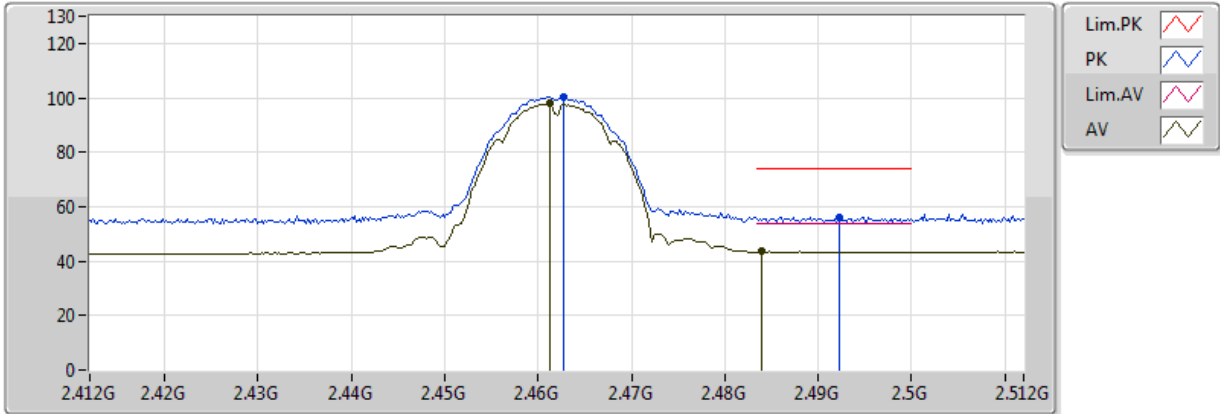


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87398G	43.53	54.00	-10.47	2.19	3	Horizontal	162	1.10	-
PK	4.87394G	48.26	74.00	-25.74	2.19	3	Horizontal	162	1.10	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/05/2018

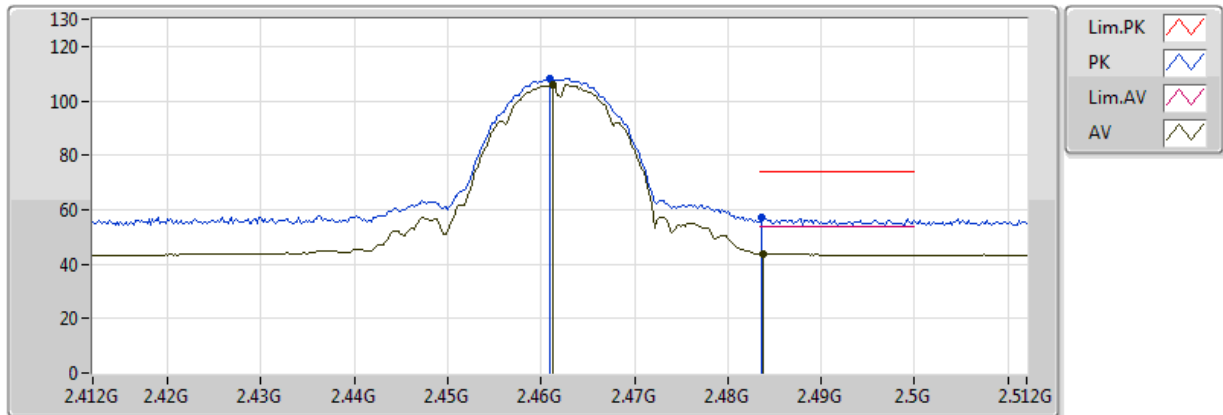


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	97.90	Inf	-Inf	31.03	3	Vertical	15	1.21	-
AV	2.484G	43.48	54.00	-10.52	31.12	3	Vertical	15	1.21	-
PK	2.4628G	100.17	Inf	-Inf	31.04	3	Vertical	15	1.21	-
PK	2.4922G	56.24	74.00	-17.76	31.14	3	Vertical	15	1.21	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

09/05/2018

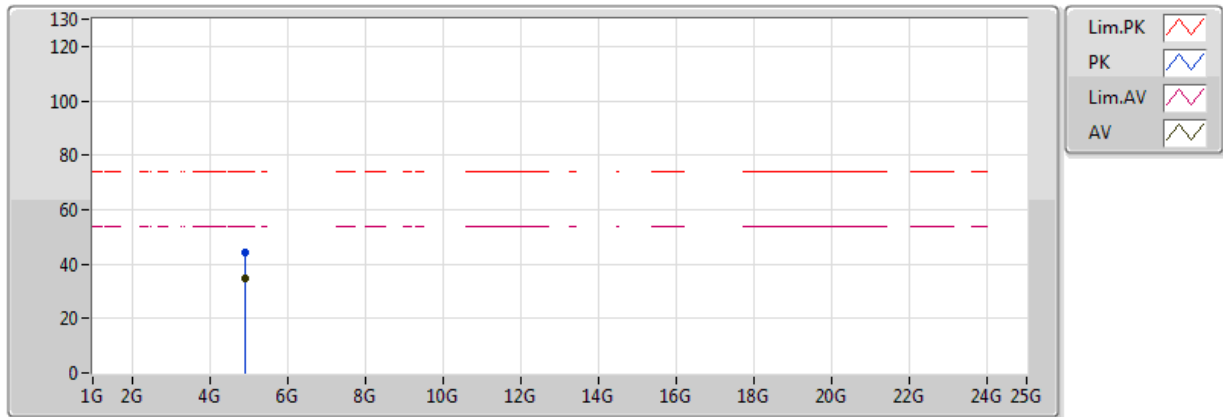


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4612G	105.97	Inf	-Inf	31.03	3	Horizontal	137	1.00	-
AV	2.4838G	43.97	54.00	-10.03	31.11	3	Horizontal	137	1.00	-
PK	2.461G	108.17	Inf	-Inf	31.03	3	Horizontal	137	1.00	-
PK	2.4836G	57.10	74.00	-16.90	31.11	3	Horizontal	137	1.00	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

10/05/2018

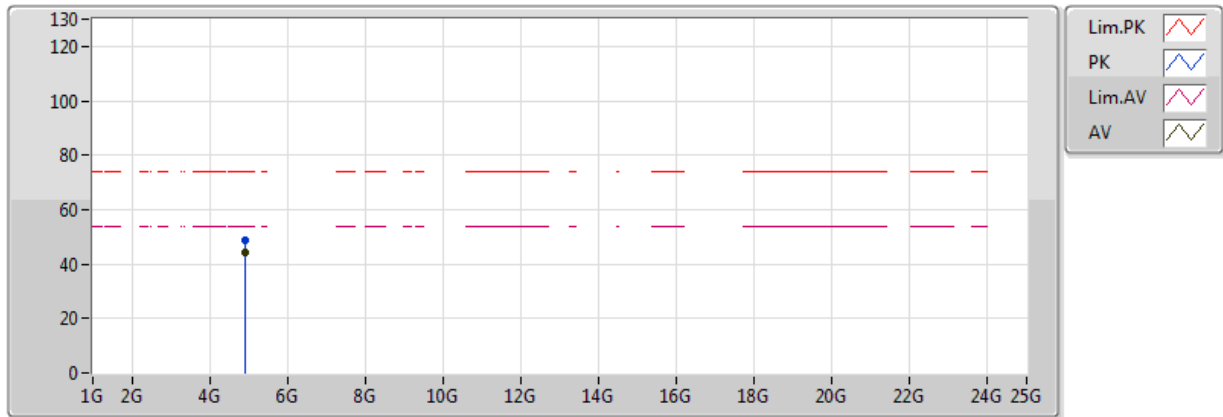


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92391G	34.74	54.00	-19.26	2.30	3	Vertical	140	1.87	-
PK	4.92412G	44.01	74.00	-29.99	2.30	3	Vertical	140	1.87	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

10/05/2018

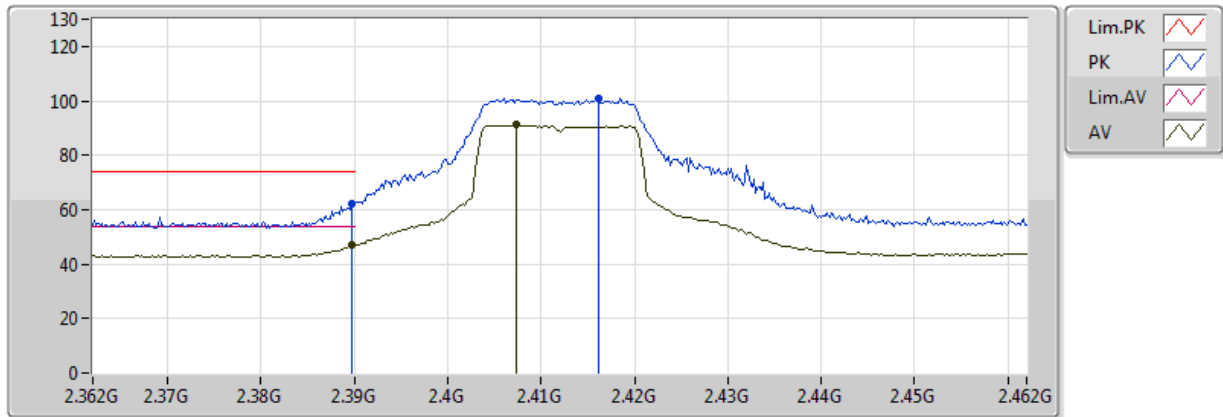


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92394G	44.22	54.00	-9.78	2.30	3	Horizontal	152	1.29	-
PK	4.92389G	48.84	74.00	-25.16	2.30	3	Horizontal	152	1.29	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

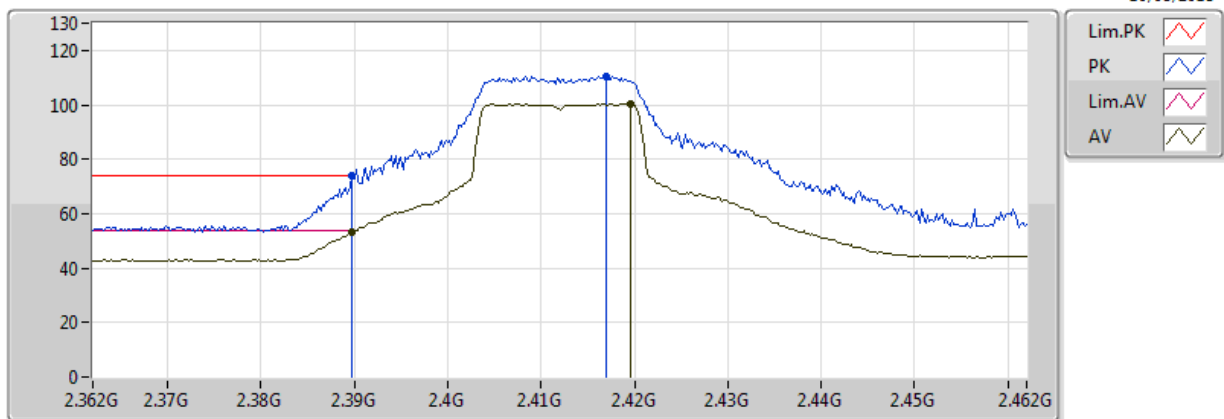
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.89	54.00	-7.11	30.77	3	Vertical	89	1.87	-
AV	2.4074G	91.19	Inf	-Inf	30.84	3	Vertical	89	1.87	-
PK	2.3898G	62.07	74.00	-11.93	30.77	3	Vertical	89	1.87	-
PK	2.4162G	101.03	Inf	-Inf	30.87	3	Vertical	89	1.87	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

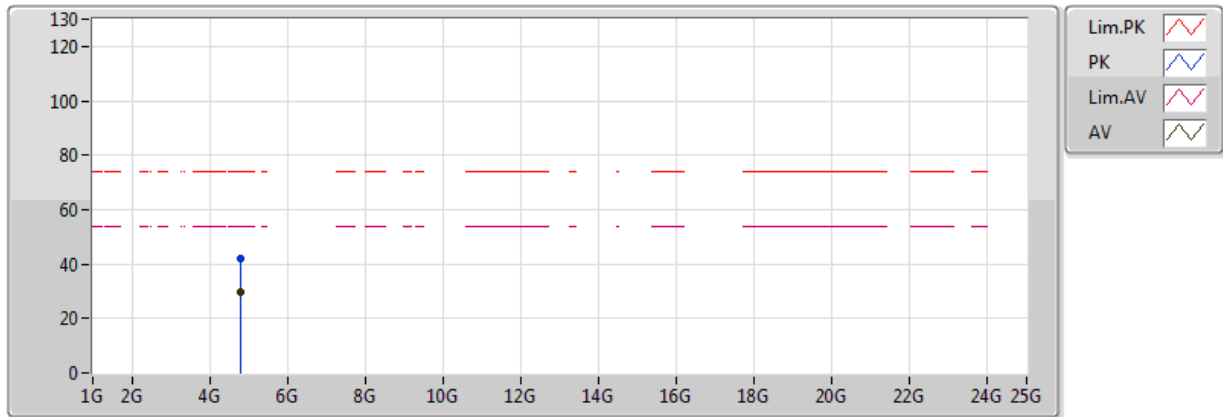


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.48	54.00	-0.52	30.77	3	Horizontal	59	1.23	-
AV	2.4196G	100.49	Inf	-Inf	30.88	3	Horizontal	59	1.23	-
PK	2.3898G	73.81	74.00	-0.19	30.77	3	Horizontal	59	1.23	-
PK	2.417G	110.32	Inf	-Inf	30.87	3	Horizontal	59	1.23	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

10/05/2018

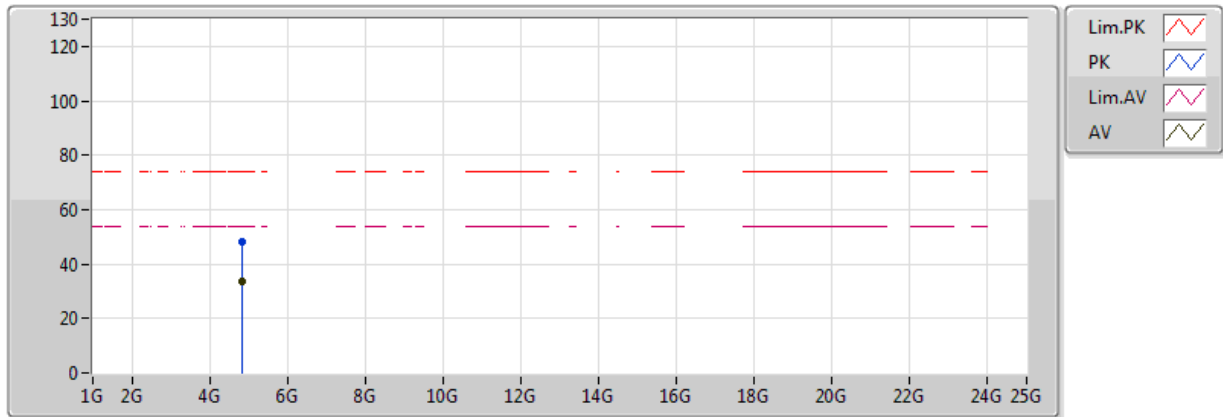


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81668G	29.94	54.00	-24.06	2.07	3	Vertical	125	1.62	-
PK	4.8114G	42.27	74.00	-31.73	2.06	3	Vertical	125	1.62	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

10/05/2018

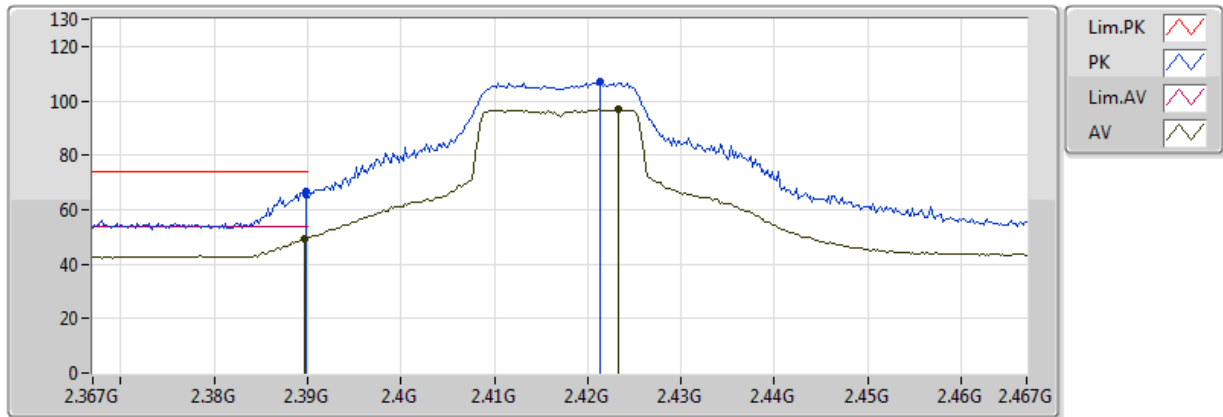


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8191G	33.84	54.00	-20.16	2.08	3	Horizontal	162	1.71	-
PK	4.8192G	48.34	74.00	-25.66	2.08	3	Horizontal	162	1.71	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

10/05/2018

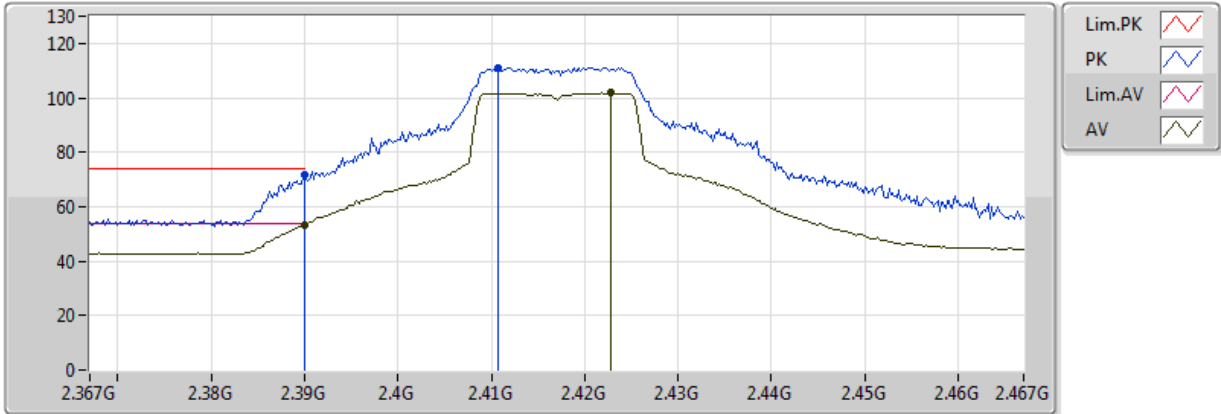


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	49.14	54.00	-4.86	30.77	3	Vertical	210	1.97	-
AV	2.4232G	96.86	Inf	-Inf	30.89	3	Vertical	210	1.97	-
PK	2.3898G	66.56	74.00	-7.44	30.77	3	Vertical	210	1.97	-
PK	2.4214G	106.79	Inf	-Inf	30.89	3	Vertical	210	1.97	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

10/05/2018

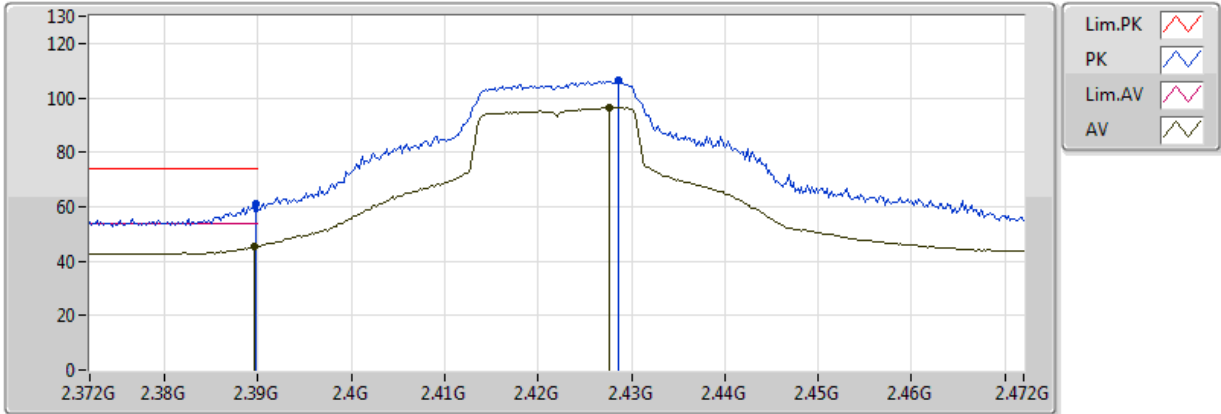


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.46	54.00	-0.54	30.77	3	Horizontal	146	1.50	-
AV	2.4228G	101.89	Inf	-Inf	30.89	3	Horizontal	146	1.50	-
PK	2.389998G	71.92	74.00	-2.08	30.77	3	Horizontal	146	1.50	-
PK	2.4108G	111.08	Inf	-Inf	30.85	3	Horizontal	146	1.50	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

10/05/2018

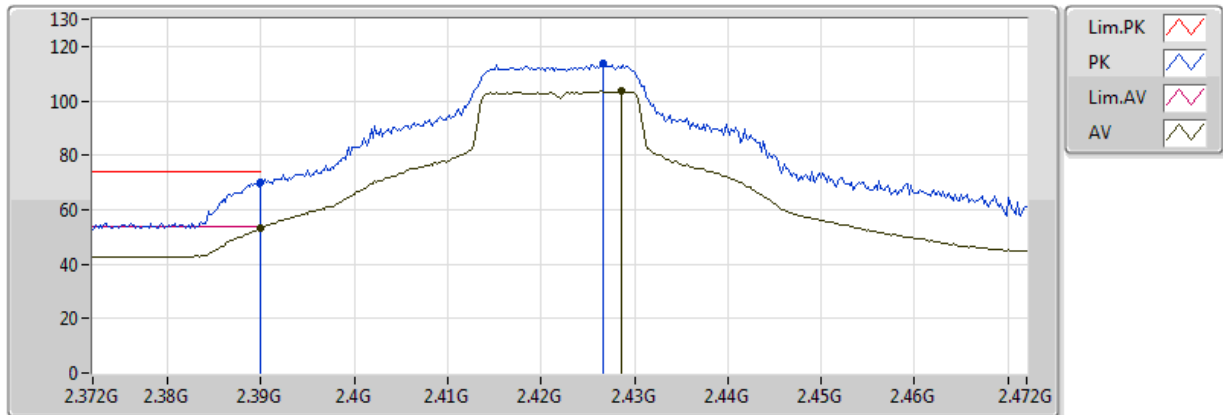


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	45.44	54.00	-8.56	30.77	3	Vertical	51	1.45	-
AV	2.4276G	96.63	Inf	-Inf	30.91	3	Vertical	51	1.45	-
PK	2.3898G	61.21	74.00	-12.79	30.77	3	Vertical	51	1.45	-
PK	2.4286G	106.29	Inf	-Inf	30.91	3	Vertical	51	1.45	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

10/05/2018

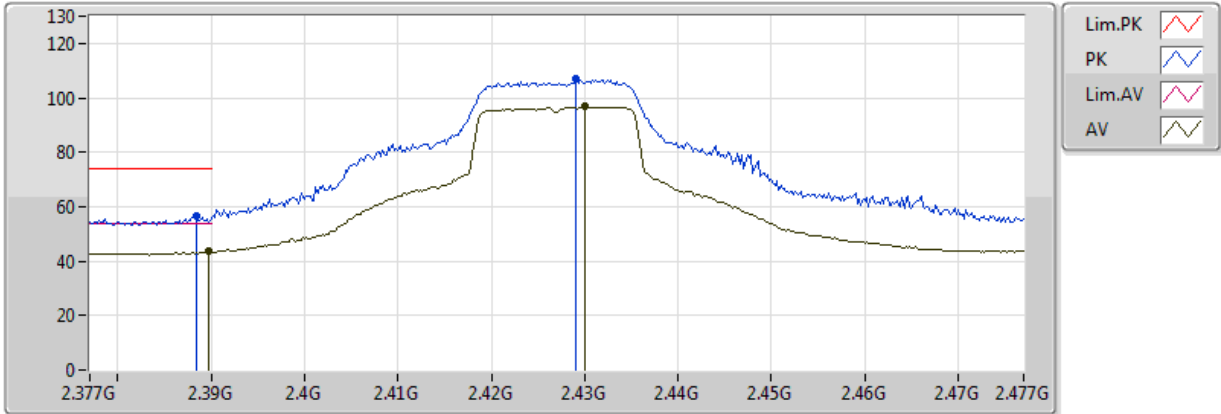


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.14	54.00	-0.86	30.77	3	Horizontal	145	1.68	-
AV	2.4286G	103.48	Inf	-Inf	30.91	3	Horizontal	145	1.68	-
PK	2.389998G	70.25	74.00	-3.75	30.77	3	Horizontal	145	1.68	-
PK	2.4266G	113.61	Inf	-Inf	30.91	3	Horizontal	145	1.68	-

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

10/05/2018

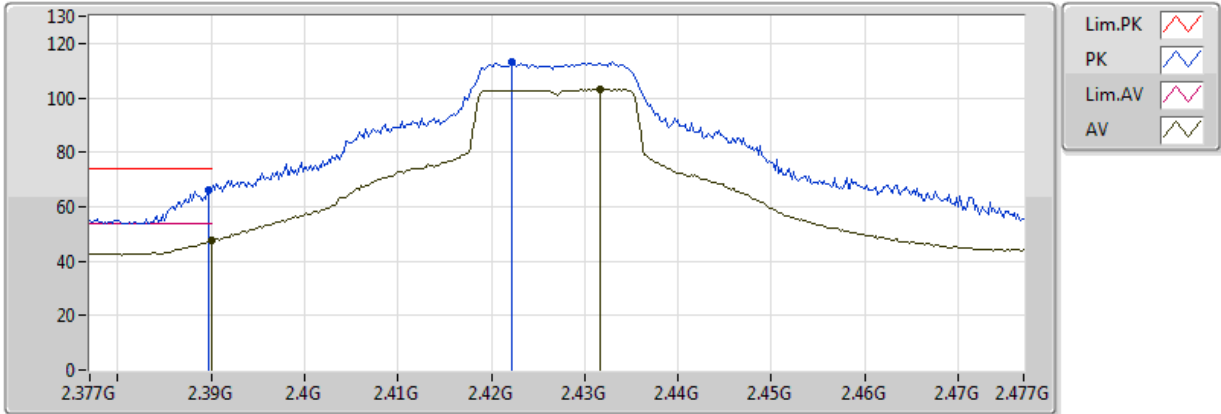


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.51	54.00	-10.49	30.77	3	Vertical	52	1.45	-
AV	2.43G	96.84	Inf	-Inf	30.92	3	Vertical	52	1.45	-
PK	2.3884G	56.35	74.00	-17.65	30.77	3	Vertical	52	1.45	-
PK	2.429G	106.84	Inf	-Inf	30.91	3	Vertical	52	1.45	-

802.11g_Nss1,(6Mbps)_1TX

2427MHz_TX

10/05/2018

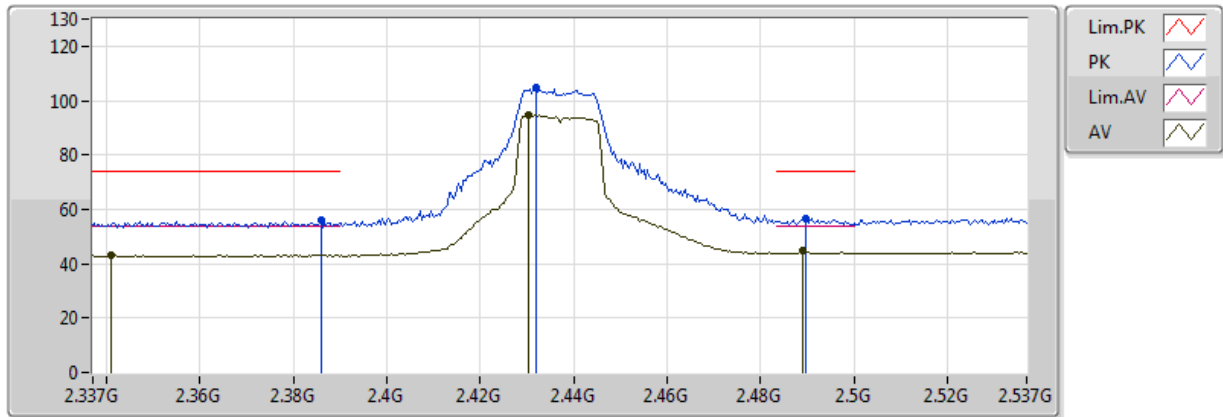


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.40	54.00	-6.60	30.77	3	Horizontal	142	1.50	-
AV	2.4316G	103.37	Inf	-Inf	30.92	3	Horizontal	142	1.50	-
PK	2.3898G	66.32	74.00	-7.68	30.77	3	Horizontal	142	1.50	-
PK	2.4222G	112.97	Inf	-Inf	30.89	3	Horizontal	142	1.50	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

10/05/2018

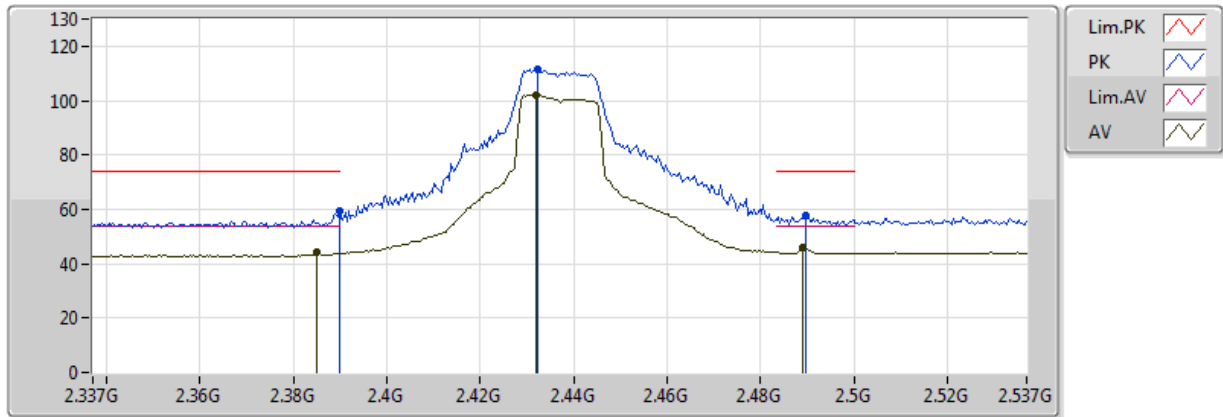


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.341G	43.14	54.00	-10.86	30.60	3	Vertical	319	1.96	-
AV	2.4302G	94.85	Inf	-Inf	30.92	3	Vertical	319	1.96	-
AV	2.489G	44.59	54.00	-9.41	31.13	3	Vertical	319	1.96	-
PK	2.3858G	55.80	74.00	-18.20	30.76	3	Vertical	319	1.96	-
PK	2.4318G	104.72	Inf	-Inf	30.92	3	Vertical	319	1.96	-
PK	2.4898G	56.80	74.00	-17.20	31.13	3	Vertical	319	1.96	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

10/05/2018

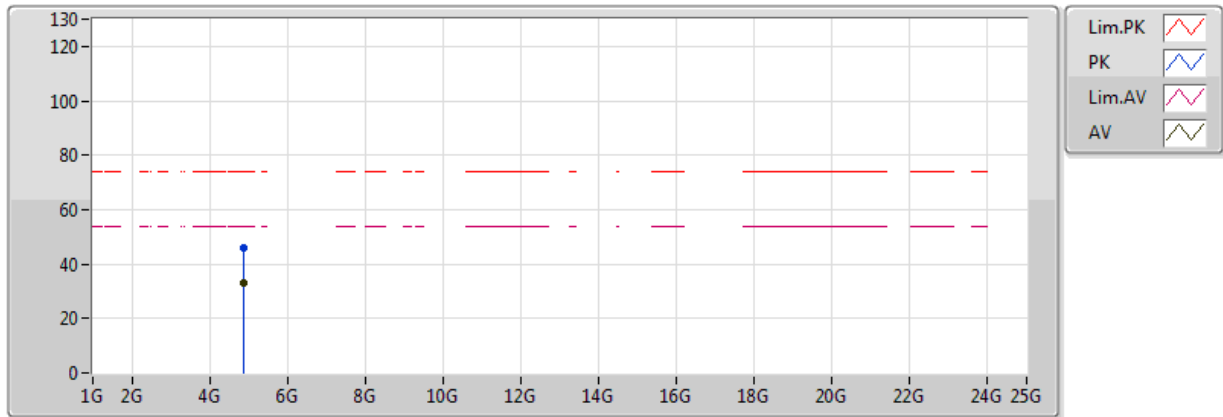


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.385G	44.10	54.00	-9.90	30.76	3	Horizontal	64	1.02	-
AV	2.4318G	102.04	Inf	-Inf	30.92	3	Horizontal	64	1.02	-
AV	2.489G	46.14	54.00	-7.86	31.13	3	Horizontal	64	1.02	-
PK	2.3898G	59.53	74.00	-14.47	30.77	3	Horizontal	64	1.02	-
PK	2.4322G	111.49	Inf	-Inf	30.93	3	Horizontal	64	1.02	-
PK	2.4898G	57.49	74.00	-16.51	31.13	3	Horizontal	64	1.02	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

10/05/2018

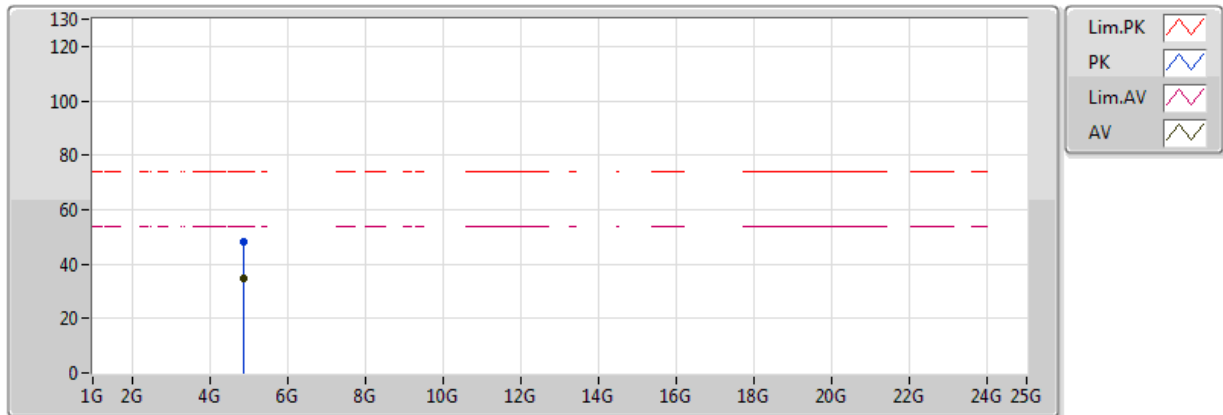


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8725G	32.80	54.00	-21.20	2.19	3	Vertical	50	1.79	-
PK	4.87172G	45.96	74.00	-28.04	2.19	3	Vertical	50	1.79	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

10/05/2018

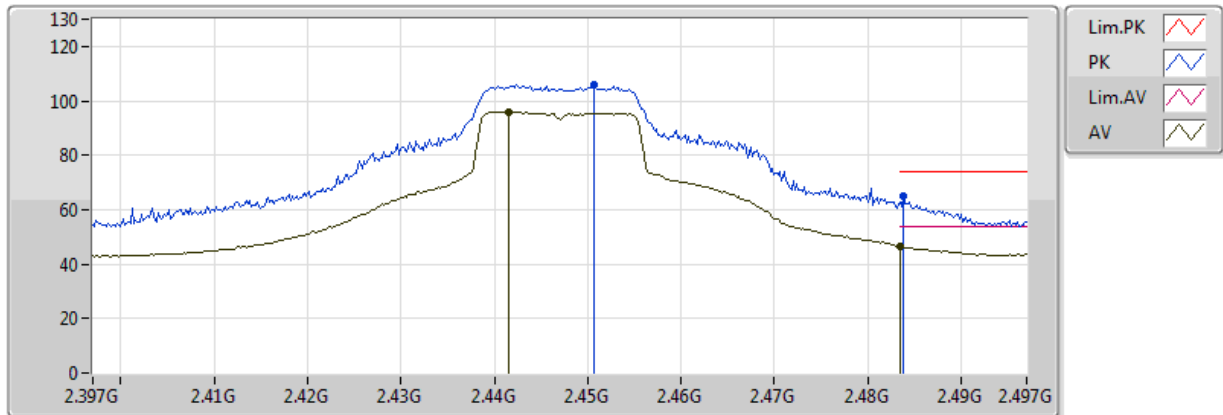


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88552G	34.72	54.00	-19.28	2.22	3	Horizontal	297	1.81	-
PK	4.87604G	48.11	74.00	-25.89	2.20	3	Horizontal	297	1.81	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

10/05/2018

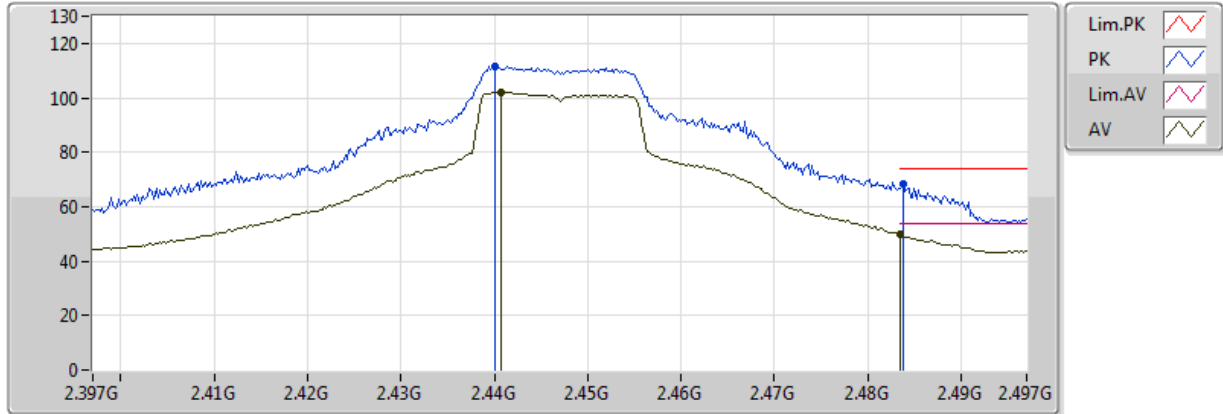


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4416G	95.93	Inf	-Inf	30.96	3	Vertical	56	1.67	-
AV	2.483502G	46.49	54.00	-7.51	31.11	3	Vertical	56	1.67	-
PK	2.4506G	105.91	Inf	-Inf	30.99	3	Vertical	56	1.67	-
PK	2.4838G	65.01	74.00	-8.99	31.11	3	Vertical	56	1.67	-

802.11g_Nss1,(6Mbps)_1TX

2447MHz_TX

10/05/2018

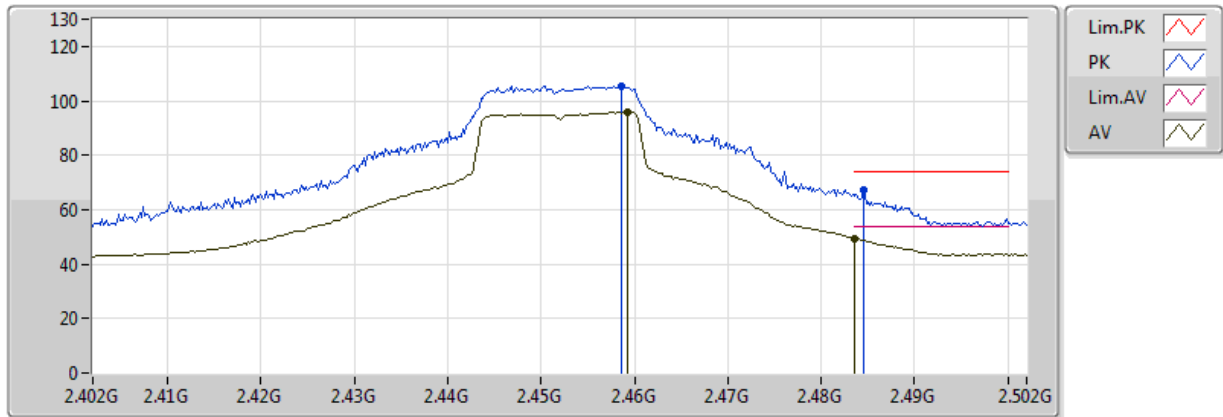


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4408G	102.09	Inf	-Inf	30.96	3	Horizontal	144	1.37	-
AV	2.483502G	49.79	54.00	-4.21	31.11	3	Horizontal	144	1.37	-
PK	2.44G	111.37	Inf	-Inf	30.95	3	Horizontal	144	1.37	-
PK	2.4838G	68.53	74.00	-5.47	31.11	3	Horizontal	144	1.37	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

10/05/2018

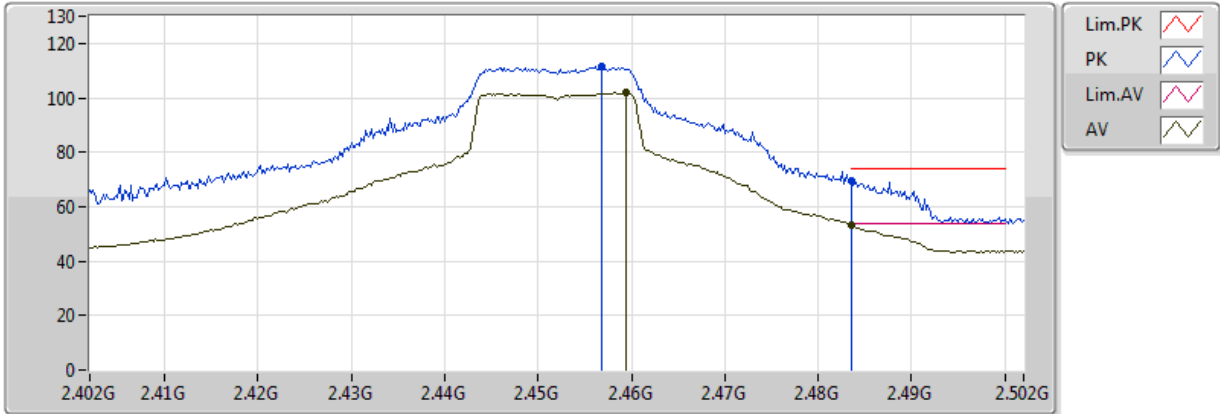


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4592G	95.93	Inf	-Inf	31.02	3	Vertical	54	1.42	-
AV	2.4836G	49.48	54.00	-4.52	31.11	3	Vertical	54	1.42	-
PK	2.4586G	105.60	Inf	-Inf	31.02	3	Vertical	54	1.42	-
PK	2.4846G	67.16	74.00	-6.84	31.12	3	Vertical	54	1.42	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

10/05/2018

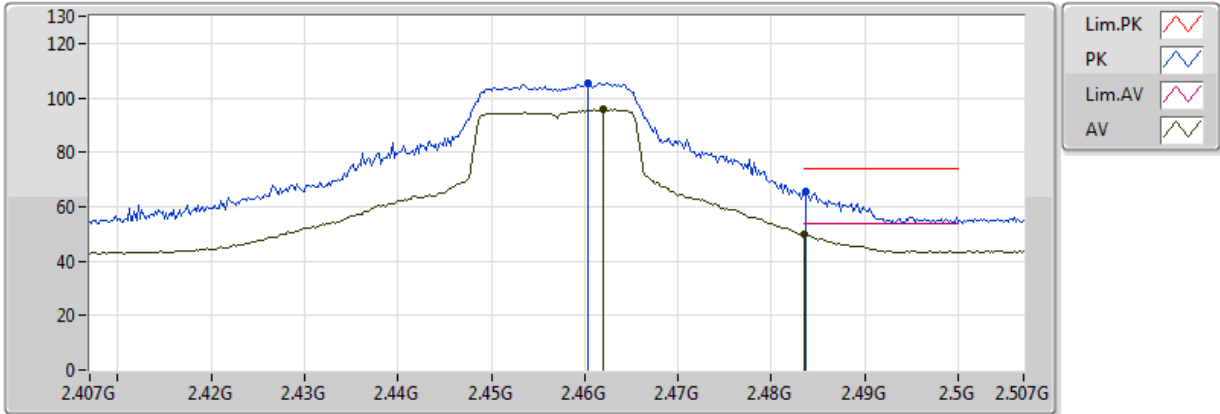


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4594G	101.93	Inf	-Inf	31.02	3	Horizontal	144	1.01	-
AV	2.483502G	53.33	54.00	-0.67	31.11	3	Horizontal	144	1.01	-
PK	2.4568G	111.54	Inf	-Inf	31.01	3	Horizontal	144	1.01	-
PK	2.483502G	69.26	74.00	-4.74	31.11	3	Horizontal	144	1.01	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

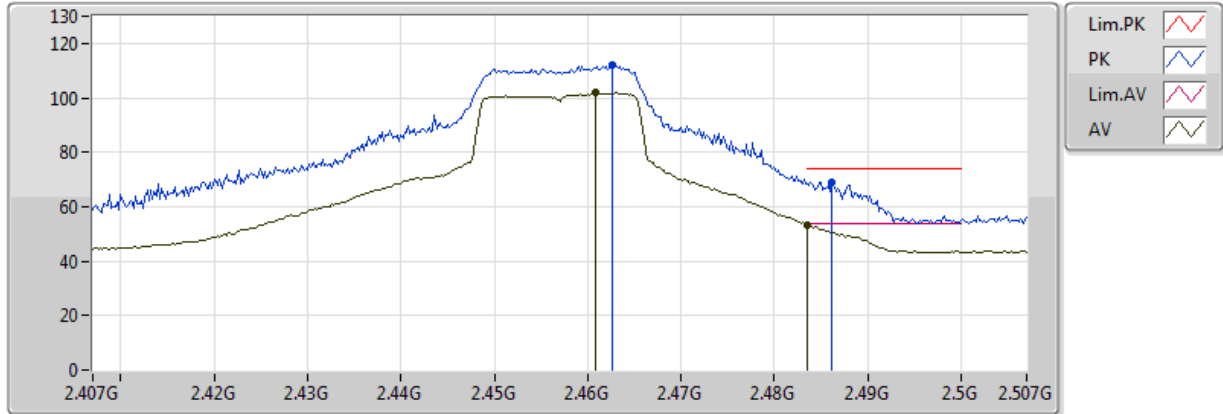
10/05/2018



802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

10/05/2018

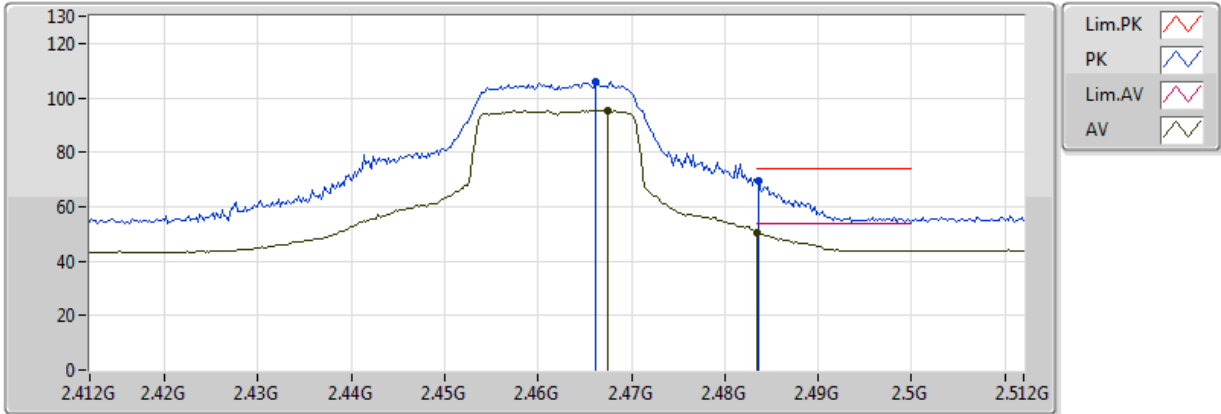


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4608G	101.78	Inf	-Inf	31.03	3	Horizontal	144	1.00	-
AV	2.483502G	53.37	54.00	-0.63	31.11	3	Horizontal	144	1.00	-
PK	2.4626G	111.79	Inf	-Inf	31.04	3	Horizontal	144	1.00	-
PK	2.4862G	69.12	74.00	-4.88	31.12	3	Horizontal	144	1.00	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

10/05/2018

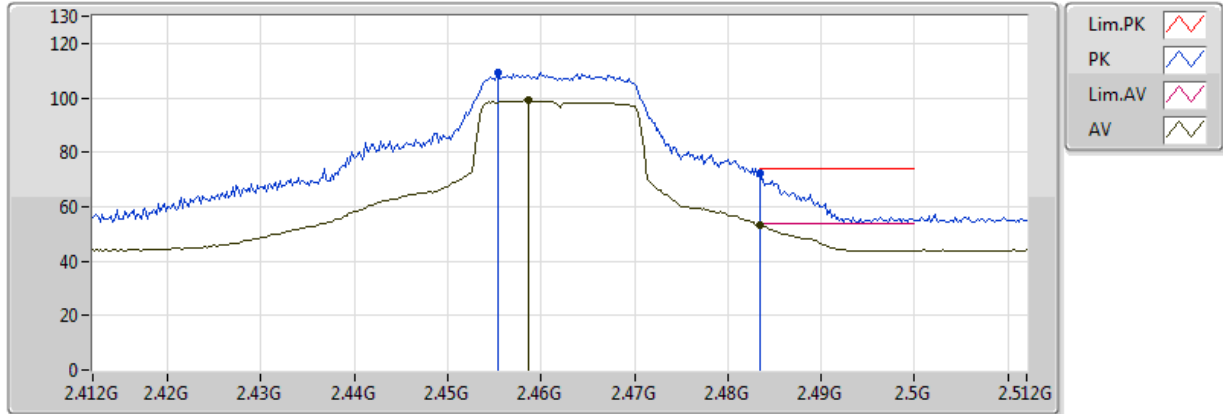


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4674G	95.27	Inf	-Inf	31.05	3	Vertical	326	2.97	-
AV	2.483502G	50.46	54.00	-3.54	31.11	3	Vertical	326	2.97	-
PK	2.4662G	106.08	Inf	-Inf	31.05	3	Vertical	326	2.97	-
PK	2.4836G	69.35	74.00	-4.65	31.11	3	Vertical	326	2.97	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

10/05/2018

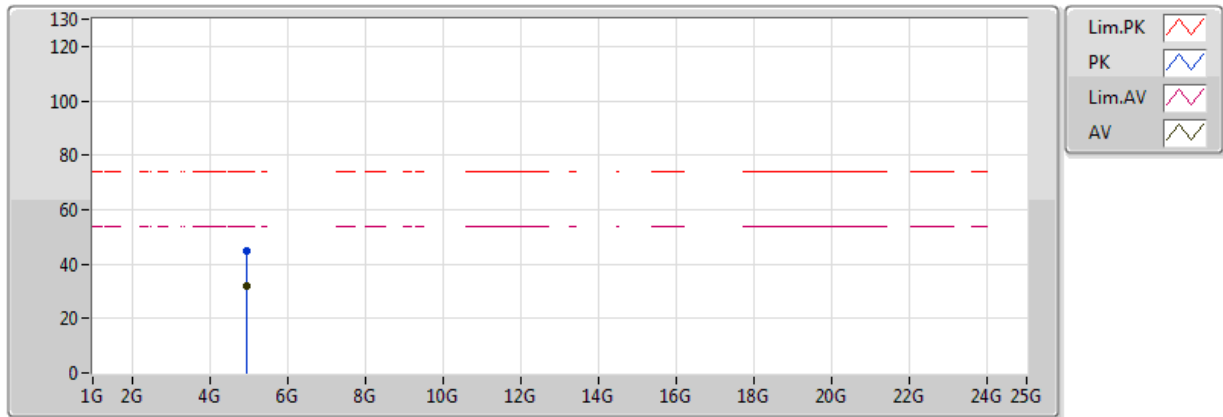


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4586G	98.95	Inf	-Inf	31.02	3	Horizontal	60	1.14	-
AV	2.483502G	53.15	54.00	-0.85	31.11	3	Horizontal	60	1.14	-
PK	2.4554G	109.37	Inf	-Inf	31.01	3	Horizontal	60	1.14	-
PK	2.483502G	72.16	74.00	-1.84	31.11	3	Horizontal	60	1.14	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

10/05/2018

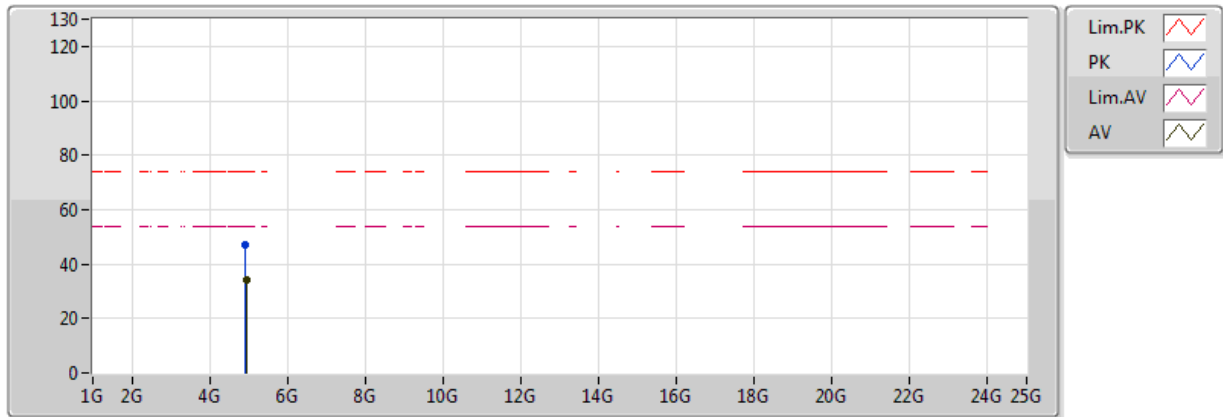


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9387G	32.06	54.00	-21.94	2.33	3	Vertical	6	1.39	-
PK	4.93636G	44.61	74.00	-29.39	2.33	3	Vertical	6	1.39	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

10/05/2018

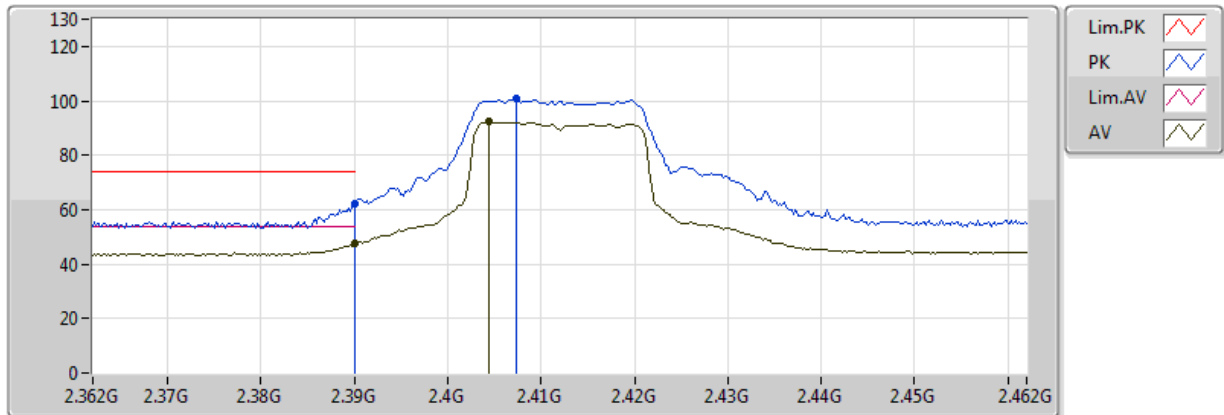


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93666G	34.23	54.00	-19.77	2.33	3	Horizontal	209	1.33	-
PK	4.92712G	47.20	74.00	-26.80	2.31	3	Horizontal	209	1.33	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

10/05/2018

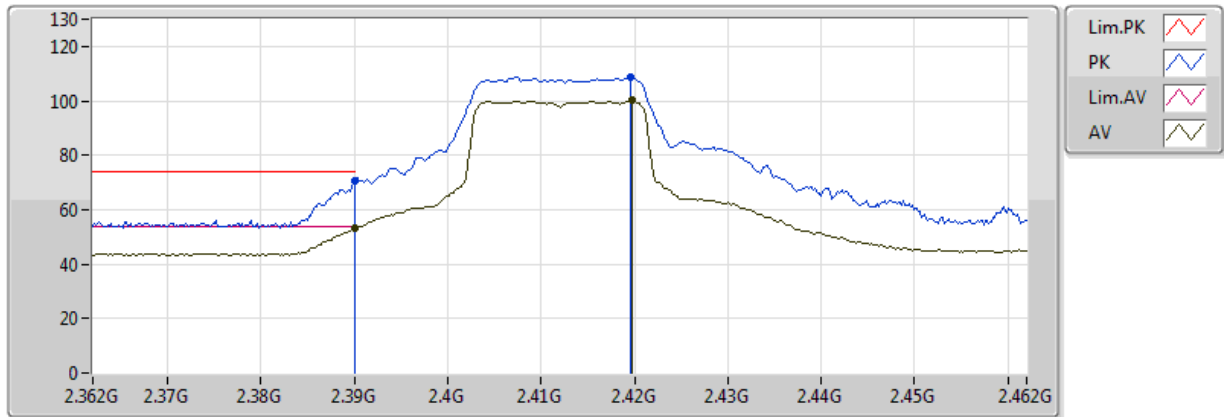


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.37	54.00	-6.63	30.77	3	Vertical	96	2.74	-
AV	2.4044G	92.21	Inf	-Inf	30.83	3	Vertical	96	2.74	-
PK	2.389998G	62.11	74.00	-11.89	30.77	3	Vertical	96	2.74	-
PK	2.4074G	100.98	Inf	-Inf	30.84	3	Vertical	96	2.74	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

10/05/2018

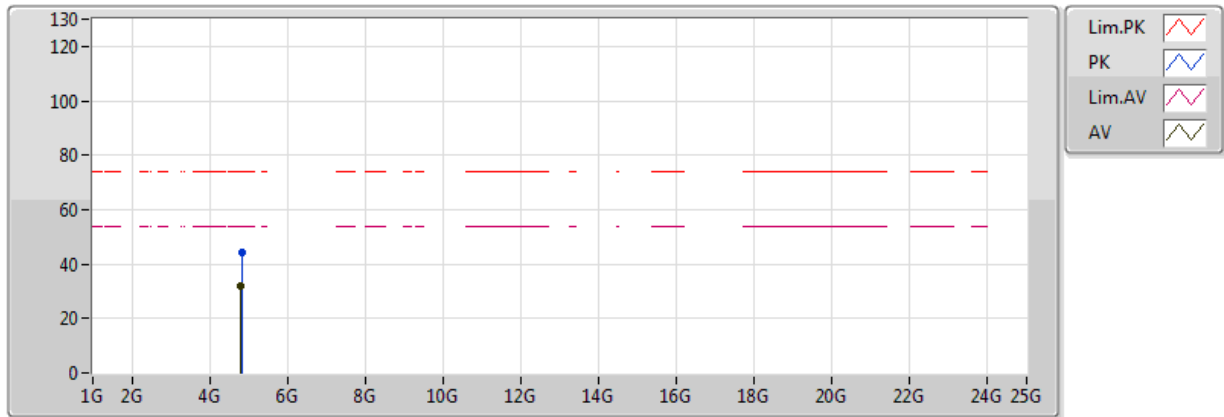


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.17	54.00	-0.83	30.77	3	Horizontal	60	1.01	-
AV	2.4198G	100.14	Inf	-Inf	30.88	3	Horizontal	60	1.01	-
PK	2.389998G	70.62	74.00	-3.38	30.77	3	Horizontal	60	1.01	-
PK	2.4196G	108.89	Inf	-Inf	30.88	3	Horizontal	60	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

10/05/2018

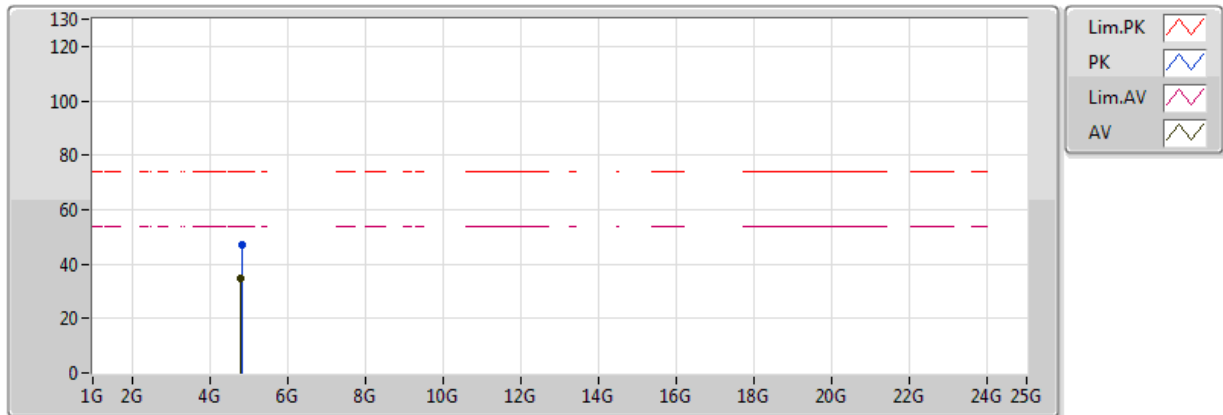


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80912G	31.91	54.00	-22.09	2.06	3	Vertical	212	1.64	-
PK	4.82478G	44.20	74.00	-29.80	2.09	3	Vertical	212	1.64	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

10/05/2018

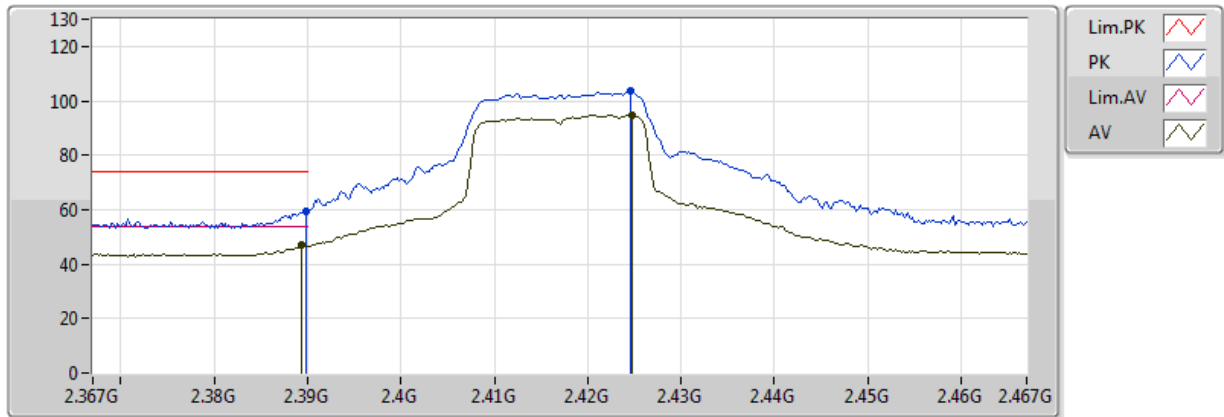


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80972G	34.77	54.00	-19.23	2.06	3	Horizontal	341	1.24	-
PK	4.82274G	46.96	74.00	-27.04	2.08	3	Horizontal	341	1.24	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

10/05/2018

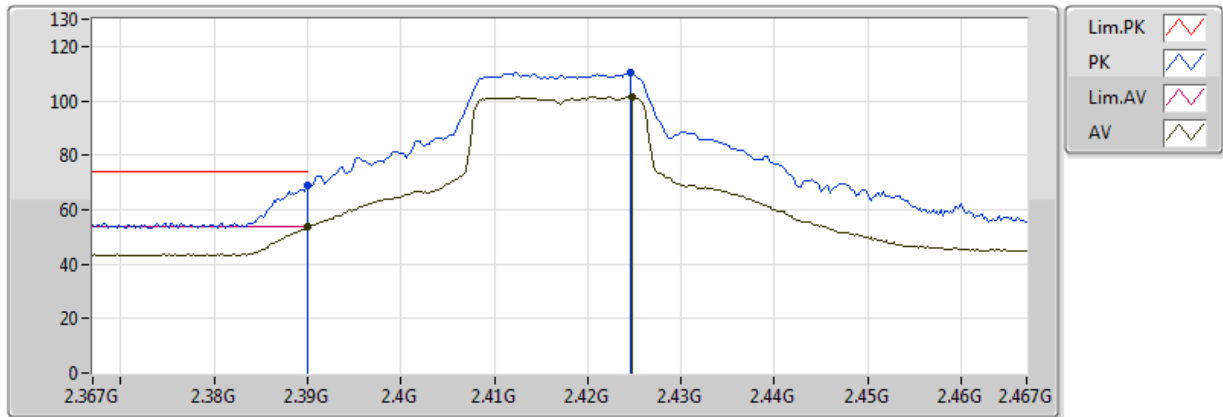


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	46.89	54.00	-7.11	30.77	3	Vertical	55	1.01	-
AV	2.4248G	94.78	Inf	-Inf	30.90	3	Vertical	55	1.01	-
PK	2.3898G	59.14	74.00	-14.86	30.77	3	Vertical	55	1.01	-
PK	2.4246G	103.52	Inf	-Inf	30.90	3	Vertical	55	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

10/05/2018

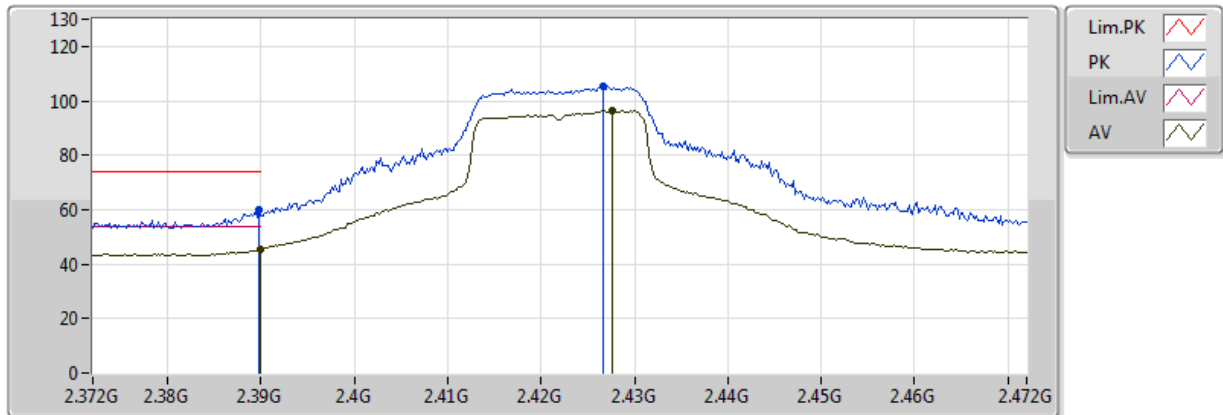


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.81	54.00	-0.19	30.77	3	Horizontal	146	1.58	-
AV	2.4248G	101.51	Inf	-Inf	30.90	3	Horizontal	146	1.58	-
PK	2.389998G	68.66	74.00	-5.34	30.77	3	Horizontal	146	1.58	-
PK	2.4246G	110.25	Inf	-Inf	30.90	3	Horizontal	146	1.58	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

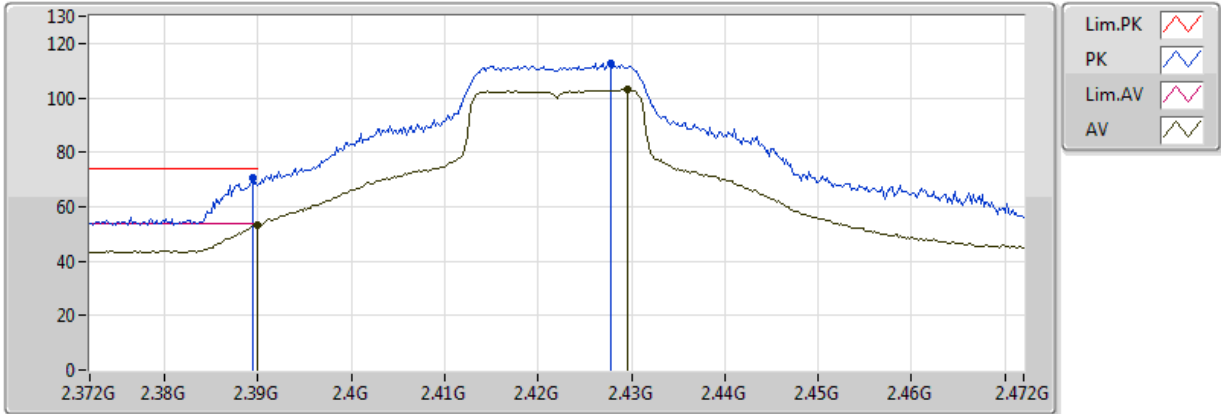


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.37	54.00	-8.63	30.77	3	Vertical	55	1.46	-
AV	2.4276G	96.22	Inf	-Inf	30.91	3	Vertical	55	1.46	-
PK	2.3898G	60.09	74.00	-13.91	30.77	3	Vertical	55	1.46	-
PK	2.4266G	105.14	Inf	-Inf	30.91	3	Vertical	55	1.46	-

802.11n HT20_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

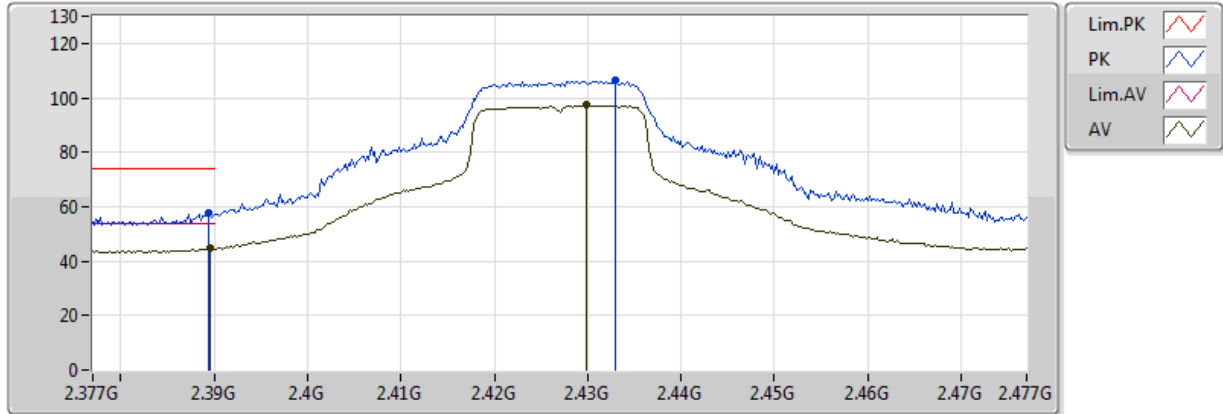


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.44	54.00	-0.56	30.77	3	Horizontal	145	1.50	-
AV	2.4296G	102.89	Inf	-Inf	30.92	3	Horizontal	145	1.50	-
PK	2.3894G	70.37	74.00	-3.63	30.77	3	Horizontal	145	1.50	-
PK	2.4278G	112.70	Inf	-Inf	30.91	3	Horizontal	145	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

10/05/2018

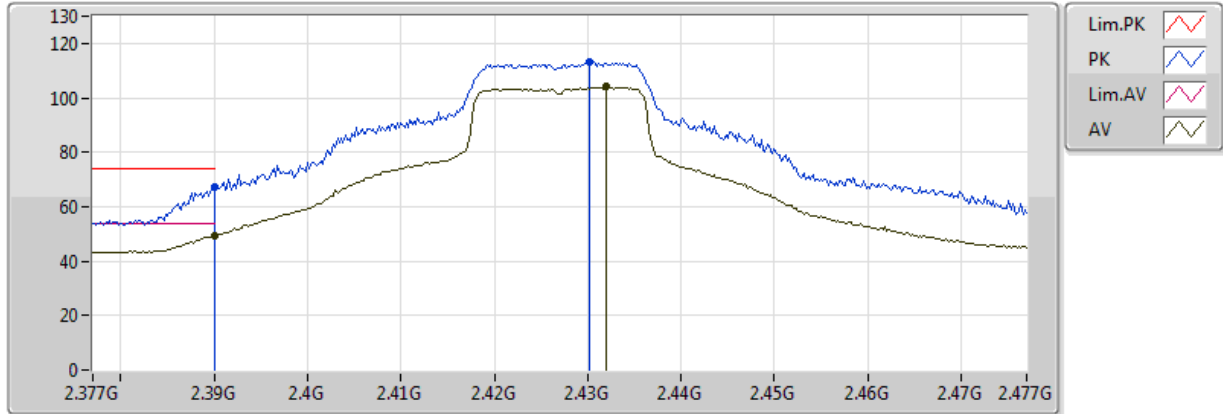


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	44.58	54.00	-9.42	30.77	3	Vertical	54	1.47	-
AV	2.4298G	97.22	Inf	-Inf	30.92	3	Vertical	54	1.47	-
PK	2.3894G	57.57	74.00	-16.43	30.77	3	Vertical	54	1.47	-
PK	2.433G	106.27	Inf	-Inf	30.93	3	Vertical	54	1.47	-

802.11n HT20_Nss1,(MCS0)_1TX

2427MHz_TX

10/05/2018

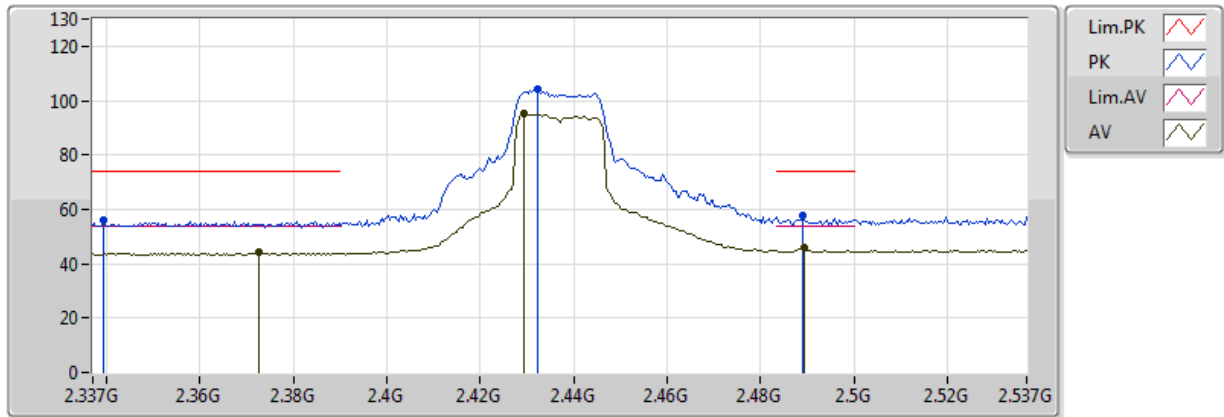


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.25	54.00	-4.75	30.77	3	Horizontal	144	1.42	-
AV	2.432G	103.97	Inf	-Inf	30.93	3	Horizontal	144	1.42	-
PK	2.389998G	67.44	74.00	-6.56	30.77	3	Horizontal	144	1.42	-
PK	2.4302G	112.93	Inf	-Inf	30.92	3	Horizontal	144	1.42	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

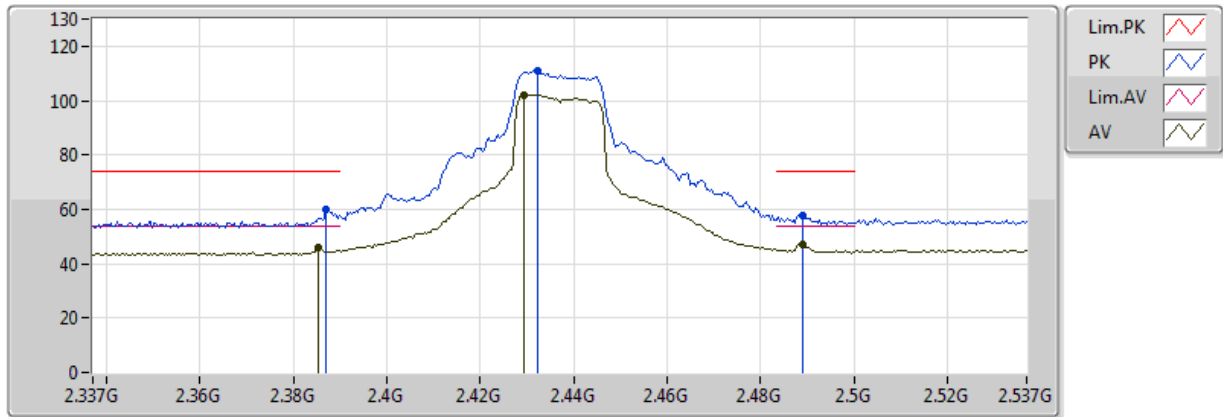


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3726G	44.11	54.00	-9.89	30.71	3	Vertical	313	2.70	-
AV	2.4294G	95.01	Inf	-Inf	30.92	3	Vertical	313	2.70	-
AV	2.4894G	45.86	54.00	-8.14	31.13	3	Vertical	313	2.70	-
PK	2.3394G	55.93	74.00	-18.07	30.60	3	Vertical	313	2.70	-
PK	2.4322G	104.01	Inf	-Inf	30.93	3	Vertical	313	2.70	-
PK	2.489G	57.60	74.00	-16.40	31.13	3	Vertical	313	2.70	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

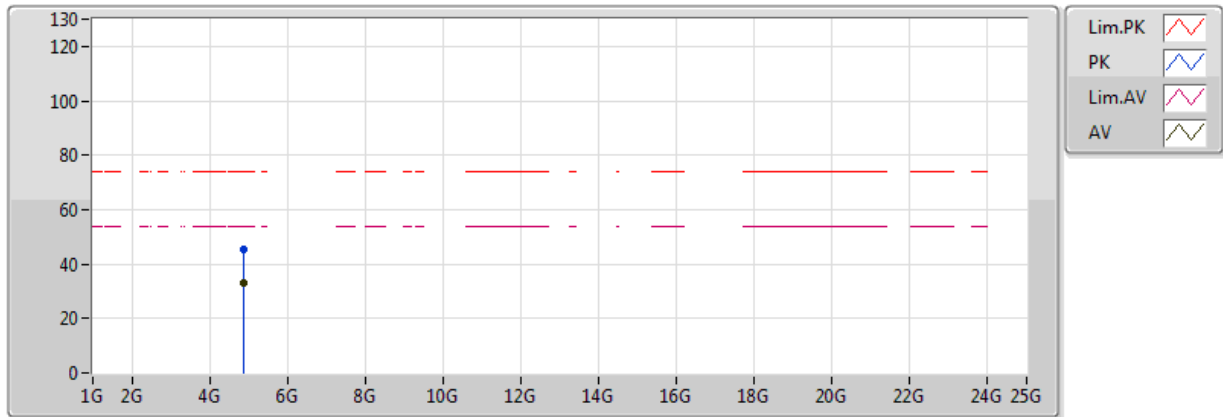


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3854G	45.95	54.00	-8.05	30.76	3	Horizontal	61	1.00	-
AV	2.4294G	102.18	Inf	-Inf	30.92	3	Horizontal	61	1.00	-
AV	2.489G	47.15	54.00	-6.85	31.13	3	Horizontal	61	1.00	-
PK	2.387G	59.96	74.00	-14.04	30.76	3	Horizontal	61	1.00	-
PK	2.4322G	111.10	Inf	-Inf	30.93	3	Horizontal	61	1.00	-
PK	2.489G	57.64	74.00	-16.36	31.13	3	Horizontal	61	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

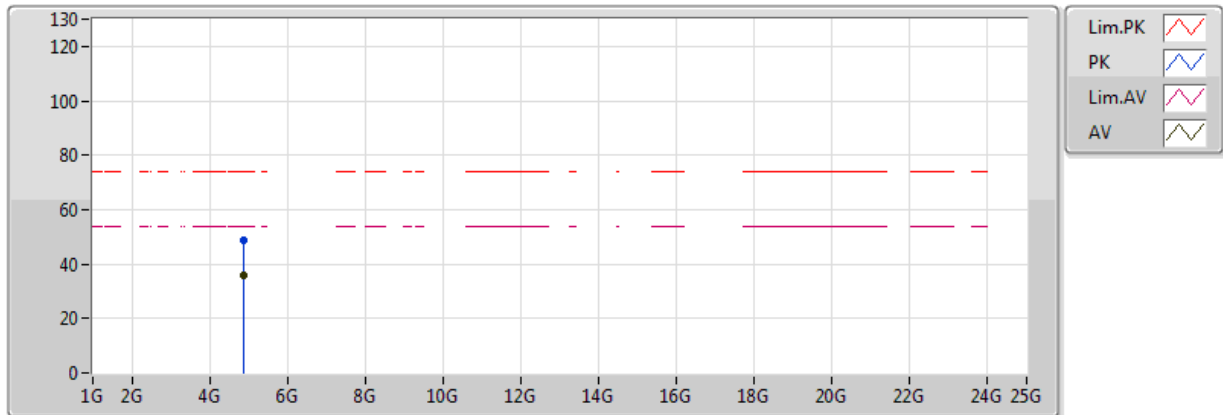


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.88246G	32.84	54.00	-21.16	2.21	3	Vertical	107	1.50	-
PK	4.88474G	45.58	74.00	-28.42	2.22	3	Vertical	107	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

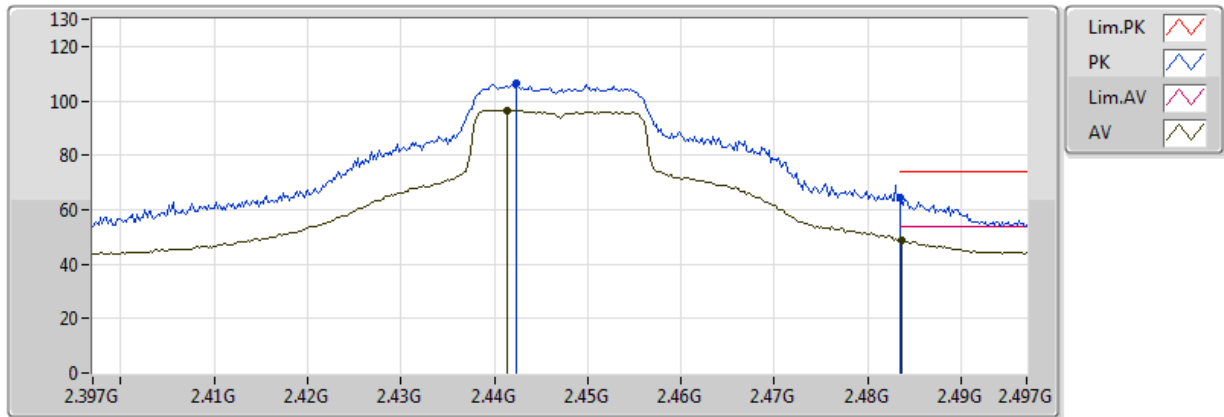


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.889G	35.87	54.00	-18.13	2.22	3	Horizontal	58	1.78	-
PK	4.88558G	48.47	74.00	-25.53	2.22	3	Horizontal	58	1.78	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

10/05/2018

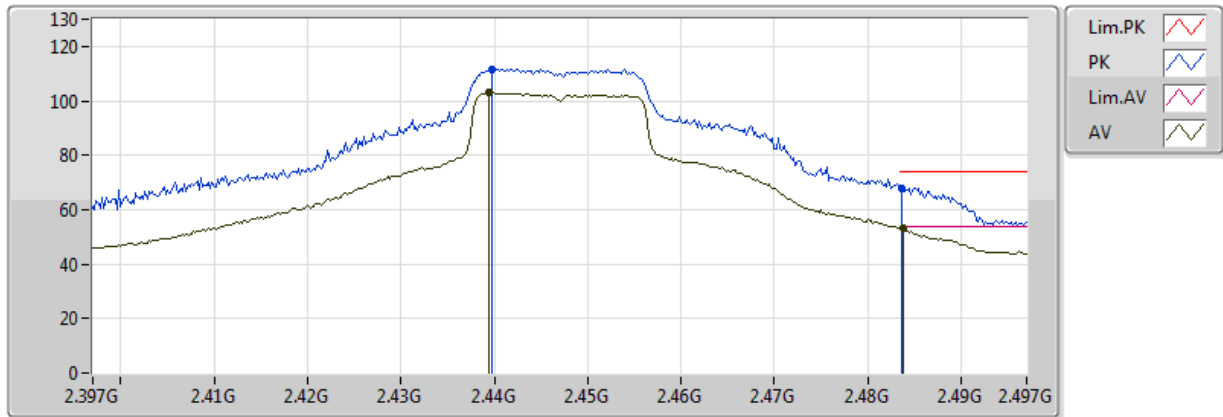


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4414G	96.56	Inf	-Inf	30.96	3	Vertical	57	1.65	-
AV	2.4836G	48.81	54.00	-5.19	31.11	3	Vertical	57	1.65	-
PK	2.4424G	106.24	Inf	-Inf	30.96	3	Vertical	57	1.65	-
PK	2.483502G	64.47	74.00	-9.53	31.11	3	Vertical	57	1.65	-

802.11n HT20_Nss1,(MCS0)_1TX

2447MHz_TX

10/05/2018

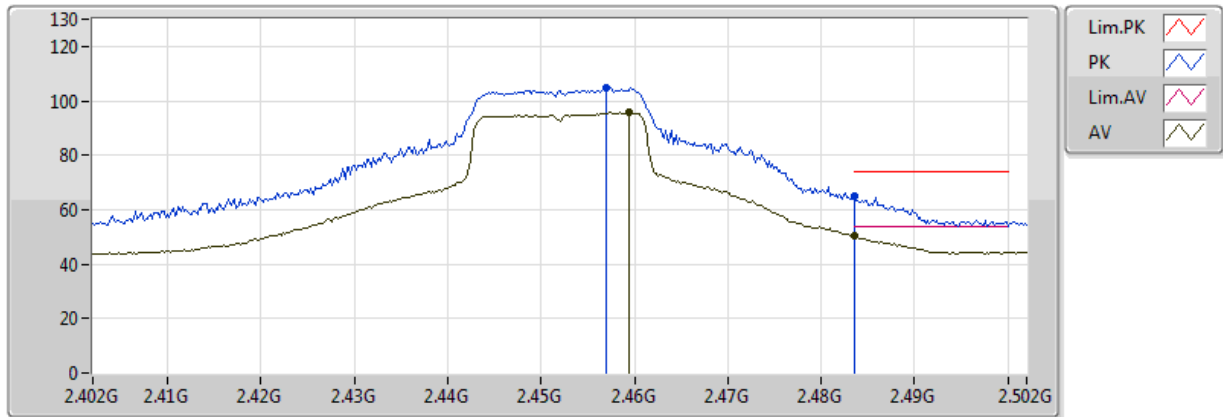


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4394G	102.95	Inf	-Inf	30.95	3	Horizontal	148	1.47	-
AV	2.4838G	53.03	54.00	-0.97	31.11	3	Horizontal	148	1.47	-
PK	2.4398G	111.70	Inf	-Inf	30.95	3	Horizontal	148	1.47	-
PK	2.4836G	67.98	74.00	-6.02	31.11	3	Horizontal	148	1.47	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018

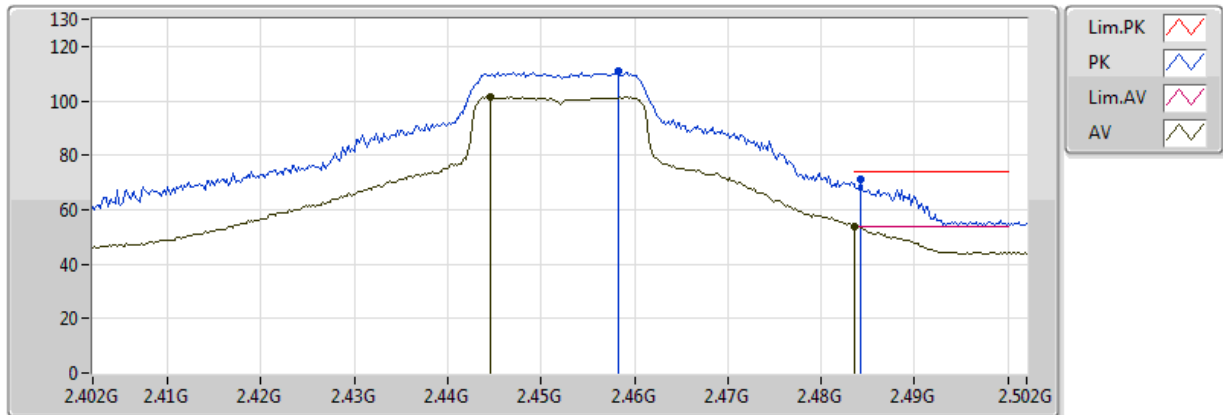


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4594G	95.75	Inf	-Inf	31.02	3	Vertical	56	1.41	-
AV	2.483502G	50.31	54.00	-3.69	31.11	3	Vertical	56	1.41	-
PK	2.457G	104.82	Inf	-Inf	31.02	3	Vertical	56	1.41	-
PK	2.483502G	65.15	74.00	-8.85	31.11	3	Vertical	56	1.41	-

802.11n HT20_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018

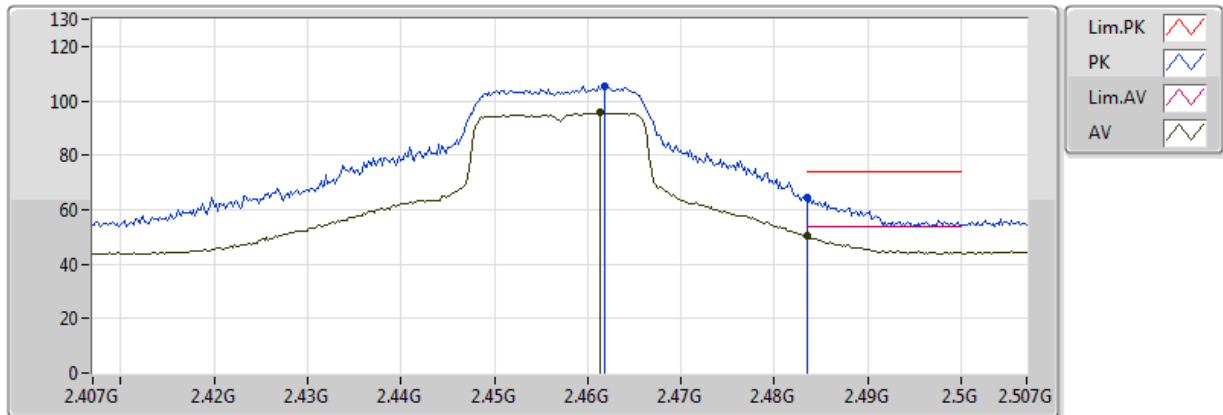


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4446G	101.35	Inf	-Inf	30.97	3	Horizontal	145	1.24	-
AV	2.483502G	53.85	54.00	-0.15	31.11	3	Horizontal	145	1.24	-
PK	2.4582G	110.83	Inf	-Inf	31.02	3	Horizontal	145	1.24	-
PK	2.4842G	70.91	74.00	-3.09	31.12	3	Horizontal	145	1.24	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

10/05/2018

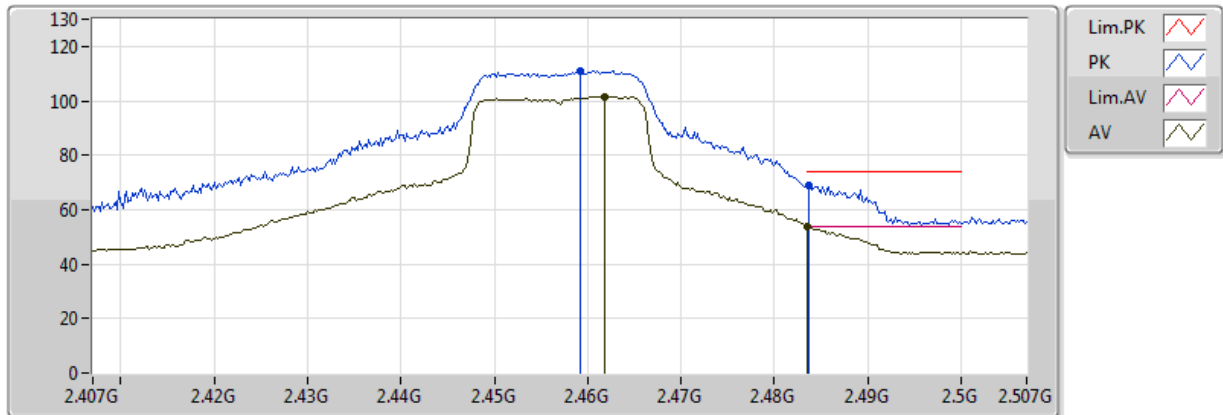


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4614G	95.59	Inf	-Inf	31.03	3	Vertical	55	1.49	-
AV	2.483502G	50.51	54.00	-3.49	31.11	3	Vertical	55	1.49	-
PK	2.4618G	105.56	Inf	-Inf	31.03	3	Vertical	55	1.49	-
PK	2.483502G	64.64	74.00	-9.36	31.11	3	Vertical	55	1.49	-

802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

10/05/2018

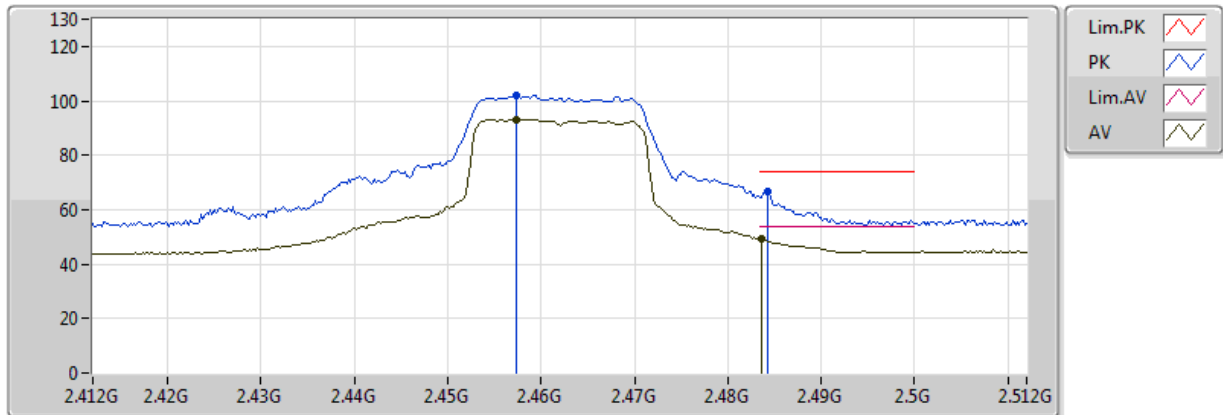


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4618G	101.44	Inf	-Inf	31.03	3	Horizontal	148	1.00	-
AV	2.483502G	53.88	54.00	-0.12	31.11	3	Horizontal	148	1.00	-
PK	2.4592G	111.02	Inf	-Inf	31.02	3	Horizontal	148	1.00	-
PK	2.4836G	68.90	74.00	-5.10	31.11	3	Horizontal	148	1.00	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

10/05/2018

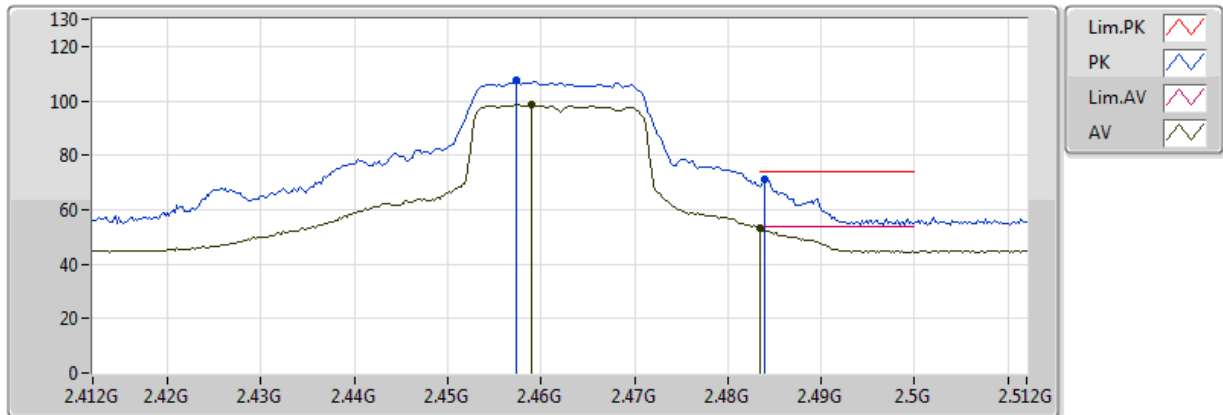


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4574G	93.28	Inf	-Inf	31.02	3	Vertical	311	2.95	-
AV	2.4836G	49.04	54.00	-4.96	31.11	3	Vertical	311	2.95	-
PK	2.4574G	102.24	Inf	-Inf	31.02	3	Vertical	311	2.95	-
PK	2.4842G	66.54	74.00	-7.46	31.12	3	Vertical	311	2.95	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

10/05/2018

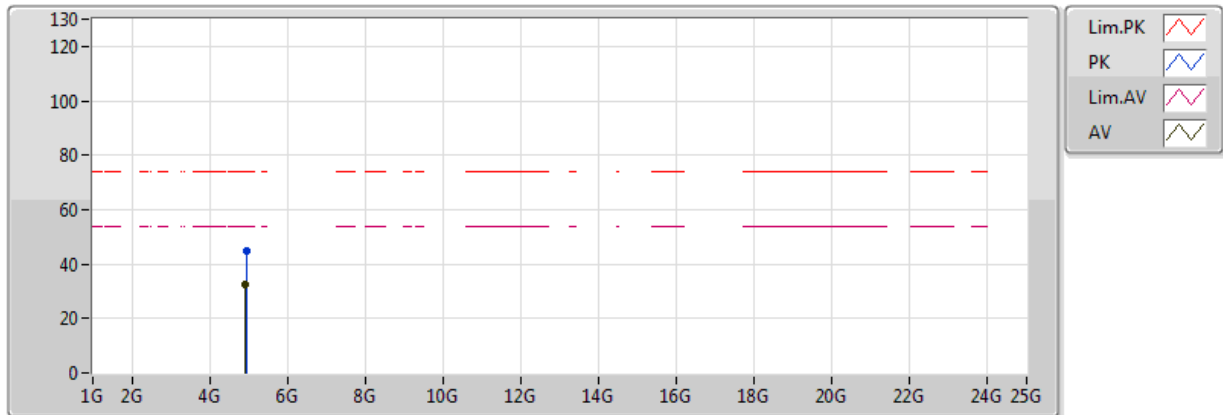


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.459G	98.53	Inf	-Inf	31.02	3	Horizontal	59	1.14	-
AV	2.483502G	53.29	54.00	-0.71	31.11	3	Horizontal	59	1.14	-
PK	2.4574G	107.58	Inf	-Inf	31.02	3	Horizontal	59	1.14	-
PK	2.484G	71.37	74.00	-2.63	31.12	3	Horizontal	59	1.14	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

10/05/2018

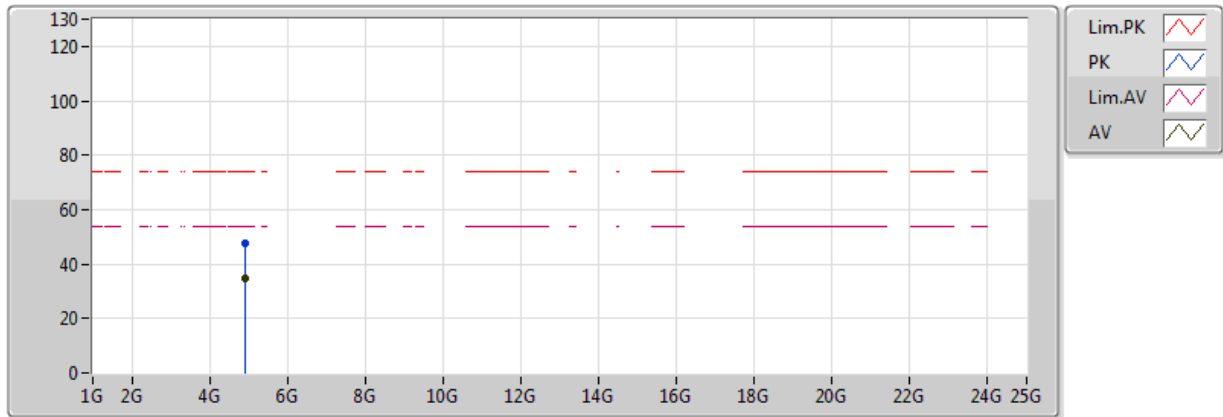


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93042G	32.66	54.00	-21.34	2.32	3	Vertical	61	1.97	-
PK	4.93666G	44.80	74.00	-29.20	2.33	3	Vertical	61	1.97	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

10/05/2018

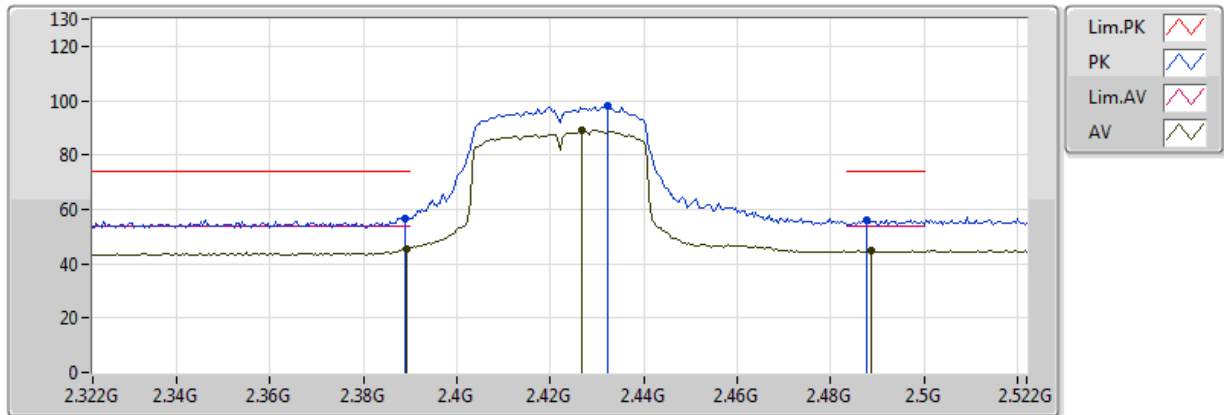


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93342G	34.79	54.00	-19.21	2.32	3	Horizontal	175	1.24	-
PK	4.93G	47.67	74.00	-26.33	2.31	3	Horizontal	175	1.24	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

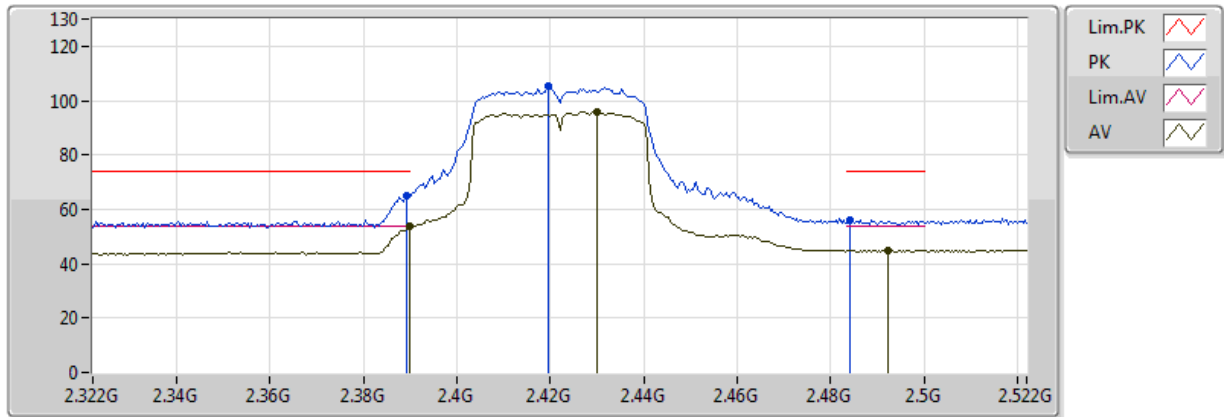


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	45.51	54.00	-8.49	30.77	3	Vertical	313	2.71	-
AV	2.4268G	89.05	Inf	-Inf	30.91	3	Vertical	313	2.71	-
AV	2.4888G	44.62	54.00	-9.38	31.13	3	Vertical	313	2.71	-
PK	2.3888G	56.82	74.00	-17.18	30.77	3	Vertical	313	2.71	-
PK	2.4324G	97.85	Inf	-Inf	30.93	3	Vertical	313	2.71	-
PK	2.4876G	56.27	74.00	-17.73	31.13	3	Vertical	313	2.71	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

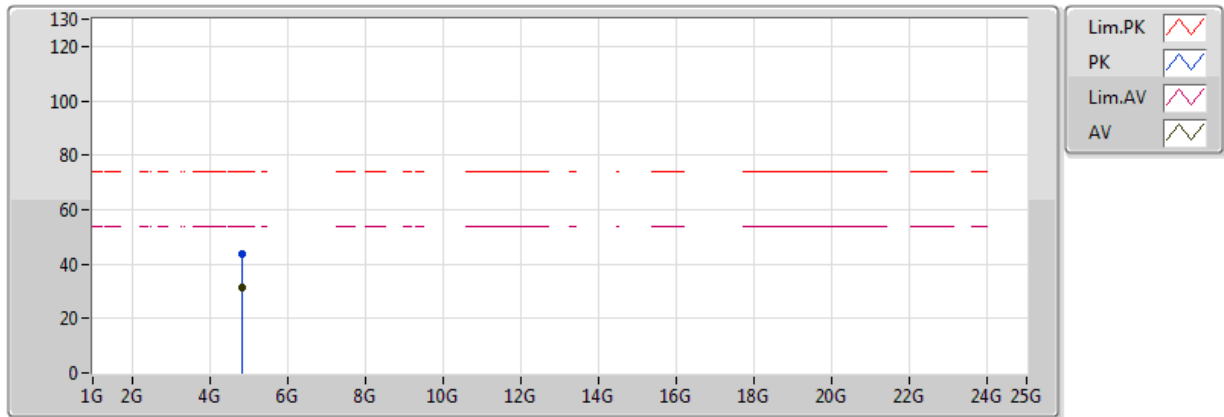


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.54	54.00	-0.46	30.77	3	Horizontal	61	1.01	-
AV	2.43G	95.82	Inf	-Inf	30.92	3	Horizontal	61	1.01	-
AV	2.4924G	44.85	54.00	-9.15	31.14	3	Horizontal	61	1.01	-
PK	2.3892G	64.78	74.00	-9.22	30.77	3	Horizontal	61	1.01	-
PK	2.4196G	105.17	Inf	-Inf	30.88	3	Horizontal	61	1.01	-
PK	2.484G	56.21	74.00	-17.79	31.12	3	Horizontal	61	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

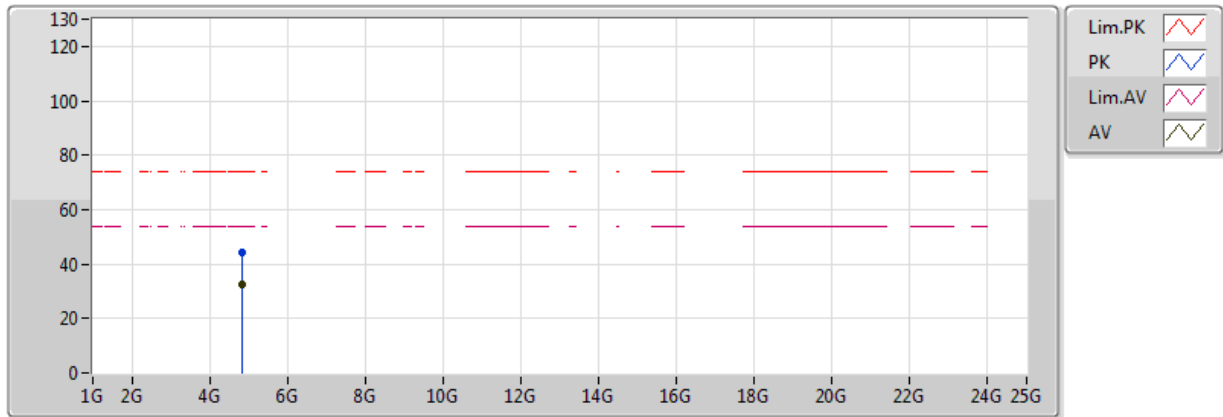


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84205G	31.23	54.00	-22.77	2.13	3	Vertical	335	1.22	-
PK	4.84356G	43.70	74.00	-30.30	2.13	3	Vertical	335	1.22	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

10/05/2018

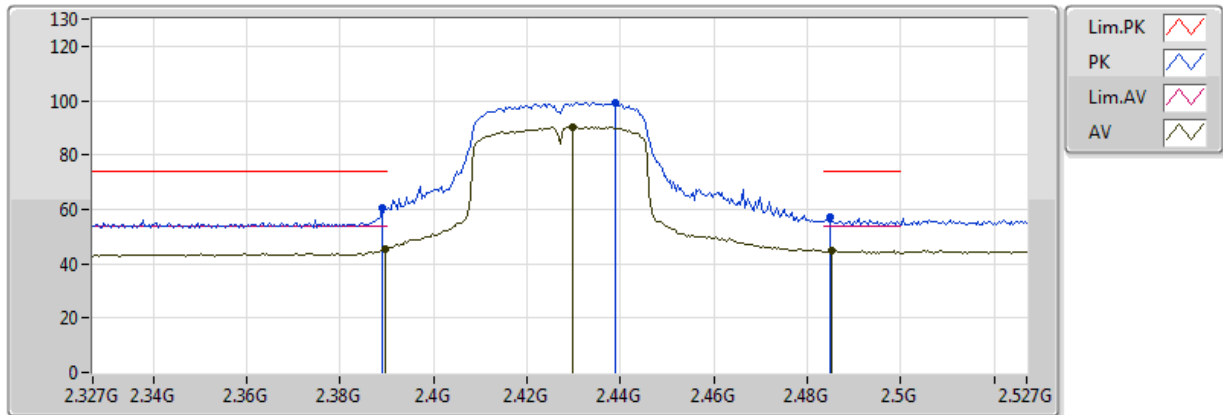


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84159G	32.64	54.00	-21.36	2.12	3	Horizontal	47	1.76	-
PK	4.84314G	44.41	74.00	-29.59	2.13	3	Horizontal	47	1.76	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

10/05/2018

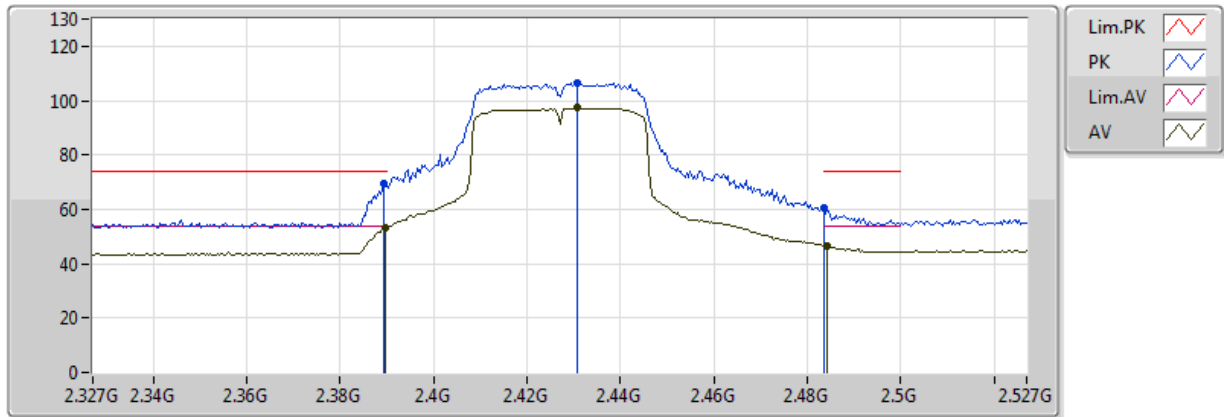


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.48	54.00	-8.52	30.77	3	Vertical	57	1.50	-
AV	2.4298G	90.38	Inf	-Inf	30.92	3	Vertical	57	1.50	-
AV	2.4854G	44.63	54.00	-9.37	31.12	3	Vertical	57	1.50	-
PK	2.389G	60.40	74.00	-13.60	30.77	3	Vertical	57	1.50	-
PK	2.439G	99.40	Inf	-Inf	30.95	3	Vertical	57	1.50	-
PK	2.485G	57.03	74.00	-16.97	31.12	3	Vertical	57	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

10/05/2018

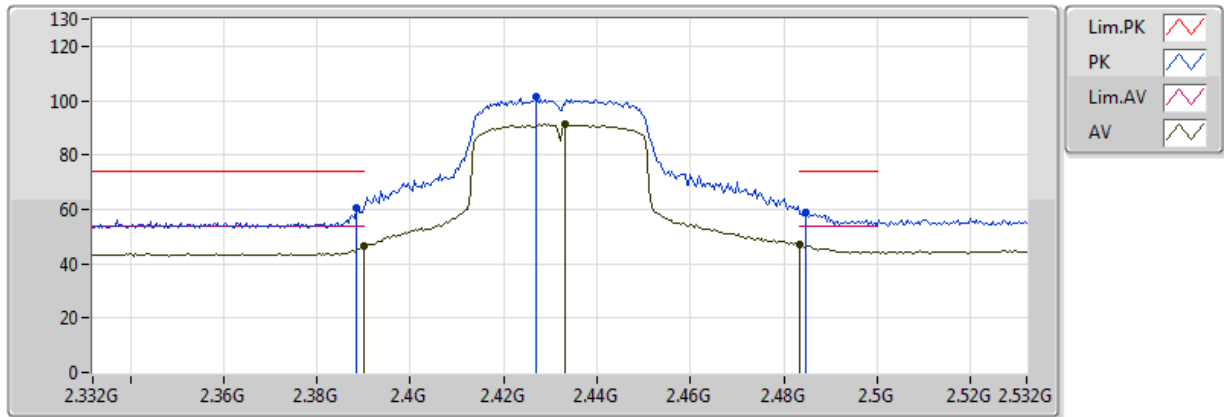


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.07	54.00	-0.93	30.77	3	Horizontal	147	1.44	-
AV	2.4306G	97.49	Inf	-Inf	30.92	3	Horizontal	147	1.44	-
AV	2.4842G	46.68	54.00	-7.32	31.12	3	Horizontal	147	1.44	-
PK	2.3894G	69.22	74.00	-4.78	30.77	3	Horizontal	147	1.44	-
PK	2.4306G	106.66	Inf	-Inf	30.92	3	Horizontal	147	1.44	-
PK	2.483502G	60.45	74.00	-13.55	31.11	3	Horizontal	147	1.44	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

10/05/2018

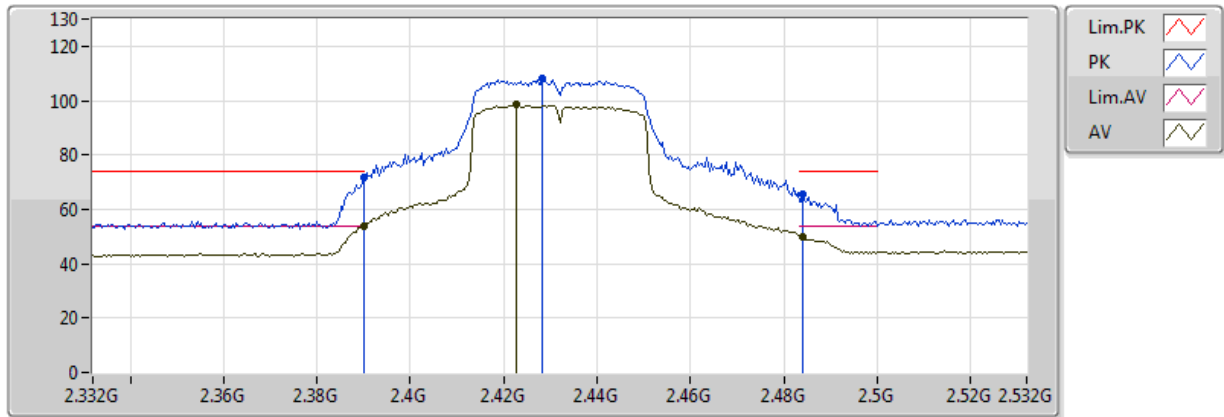


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	46.40	54.00	-7.60	30.77	3	Vertical	59	1.50	-
AV	2.4332G	91.19	Inf	-Inf	30.93	3	Vertical	59	1.50	-
AV	2.483502G	46.79	54.00	-7.21	31.11	3	Vertical	59	1.50	-
PK	2.3884G	60.51	74.00	-13.49	30.77	3	Vertical	59	1.50	-
PK	2.4268G	101.67	Inf	-Inf	30.91	3	Vertical	59	1.50	-
PK	2.4848G	58.64	74.00	-15.36	31.12	3	Vertical	59	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

2432MHz_TX

10/05/2018

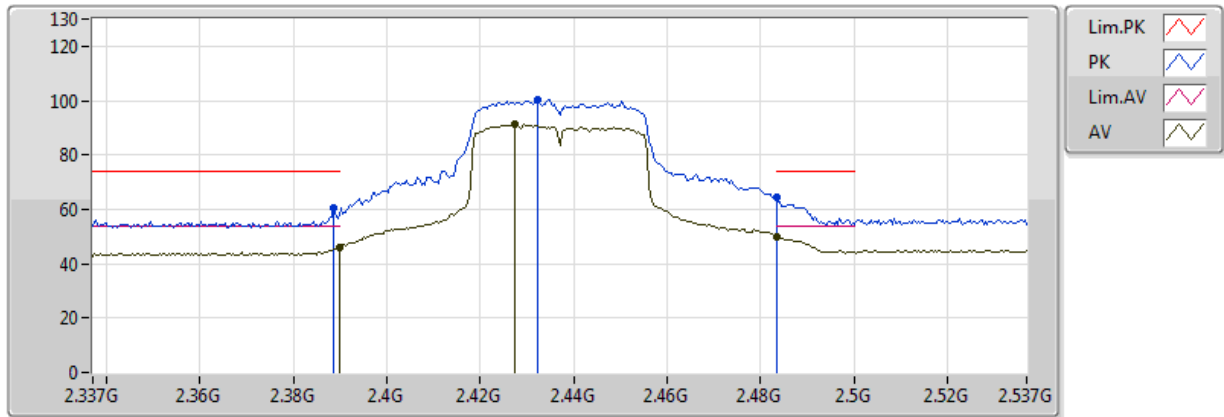


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	53.89	54.00	-0.11	30.77	3	Horizontal	149	1.01	-
AV	2.4228G	98.62	Inf	-Inf	30.89	3	Horizontal	149	1.01	-
AV	2.484G	50.05	54.00	-3.95	31.12	3	Horizontal	149	1.01	-
PK	2.389998G	71.55	74.00	-2.45	30.77	3	Horizontal	149	1.01	-
PK	2.4284G	108.18	Inf	-Inf	30.91	3	Horizontal	149	1.01	-
PK	2.484G	65.63	74.00	-8.37	31.12	3	Horizontal	149	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

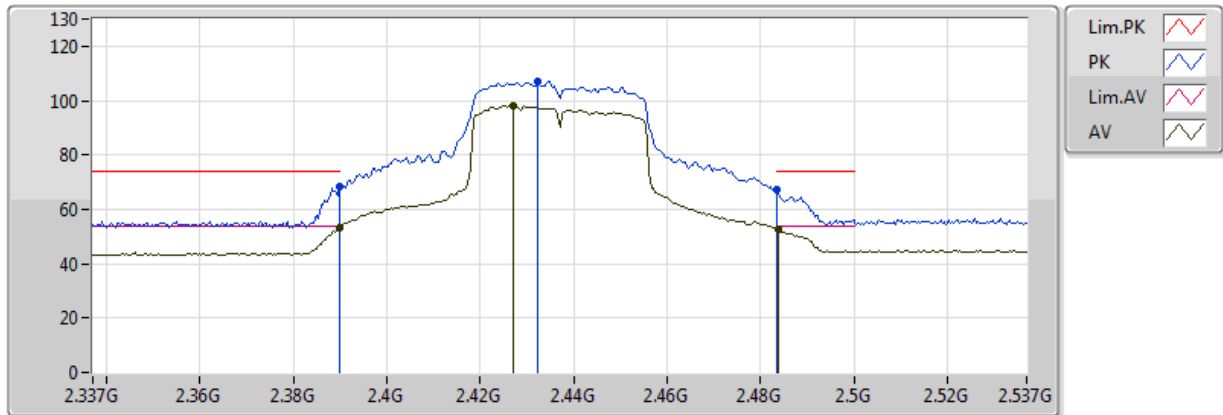


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.14	54.00	-7.86	30.77	3	Vertical	315	2.71	-
AV	2.4274G	91.26	Inf	-Inf	30.91	3	Vertical	315	2.71	-
AV	2.483502G	50.06	54.00	-3.94	31.11	3	Vertical	315	2.71	-
PK	2.3886G	60.26	74.00	-13.74	30.77	3	Vertical	315	2.71	-
PK	2.4322G	100.34	Inf	-Inf	30.93	3	Vertical	315	2.71	-
PK	2.483502G	64.19	74.00	-9.81	31.11	3	Vertical	315	2.71	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

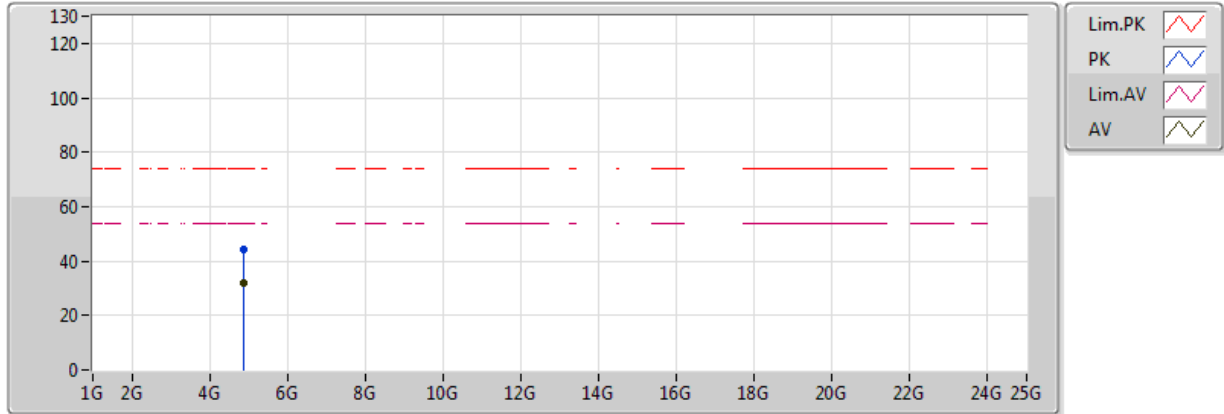


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.18	54.00	-0.82	30.77	3	Horizontal	60	1.00	-
AV	2.427G	98.14	Inf	-Inf	30.91	3	Horizontal	60	1.00	-
AV	2.4838G	52.64	54.00	-1.36	31.11	3	Horizontal	60	1.00	-
PK	2.3898G	68.11	74.00	-5.89	30.77	3	Horizontal	60	1.00	-
PK	2.4322G	107.17	Inf	-Inf	30.93	3	Horizontal	60	1.00	-
PK	2.483502G	67.16	74.00	-6.84	31.11	3	Horizontal	60	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

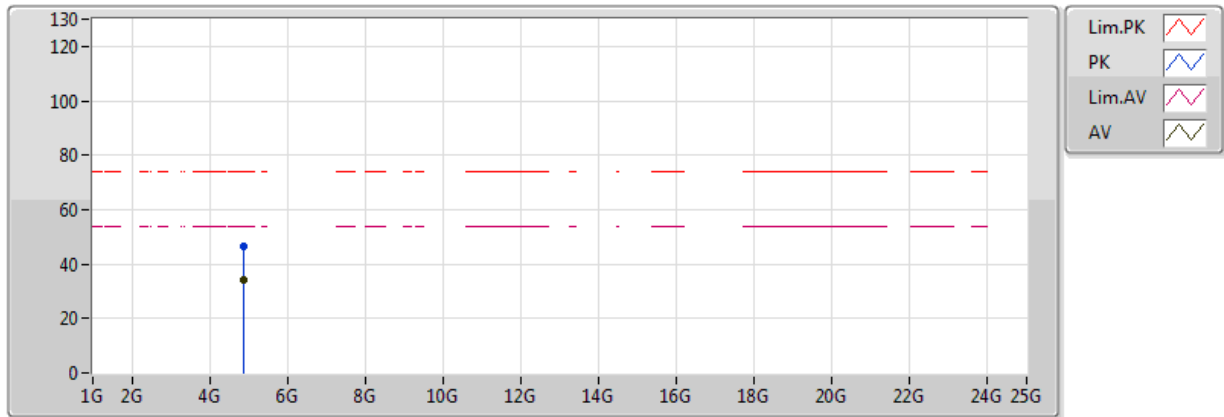


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87191G	32.08	54.00	-21.92	2.19	3	Vertical	98	1.02	-
PK	4.87193G	44.08	74.00	-29.92	2.19	3	Vertical	98	1.02	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

10/05/2018

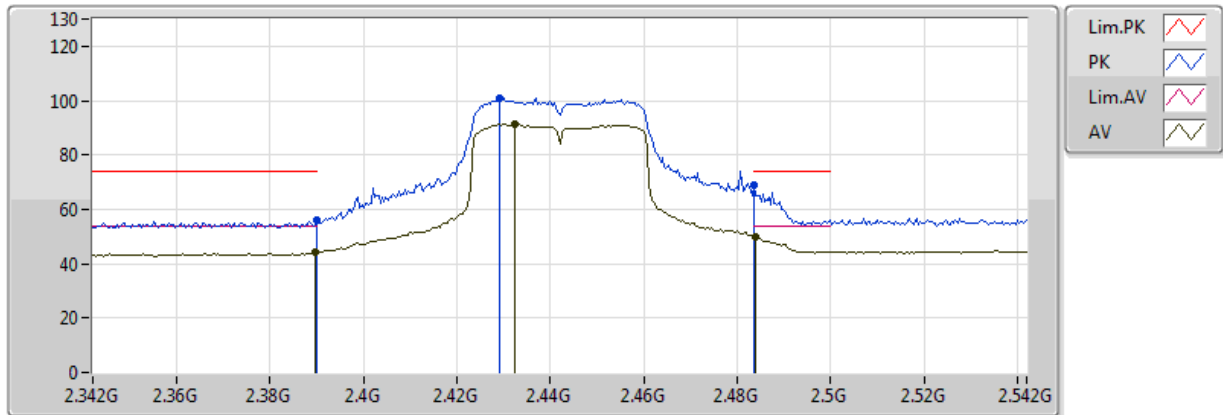


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87243G	34.12	54.00	-19.88	2.19	3	Horizontal	155	1.63	-
PK	4.8736G	46.31	74.00	-27.69	2.19	3	Horizontal	155	1.63	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

11/05/2018

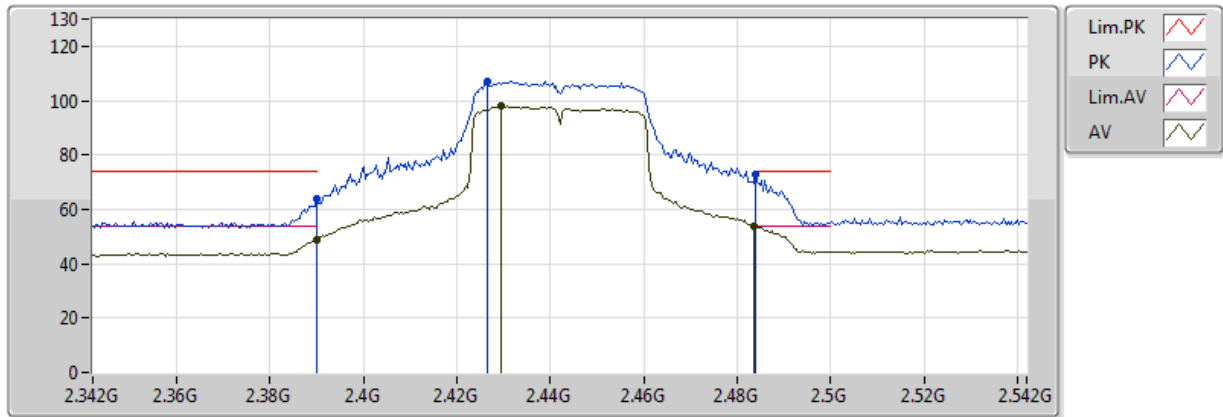


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	44.53	54.00	-9.47	30.77	3	Vertical	61	1.45	-
AV	2.4324G	91.34	Inf	-Inf	30.93	3	Vertical	61	1.45	-
AV	2.484G	50.12	54.00	-3.88	31.12	3	Vertical	61	1.45	-
PK	2.389998G	55.76	74.00	-18.24	30.77	3	Vertical	61	1.45	-
PK	2.4292G	100.99	Inf	-Inf	30.92	3	Vertical	61	1.45	-
PK	2.483502G	68.95	74.00	-5.05	31.11	3	Vertical	61	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

2442MHz_TX

11/05/2018

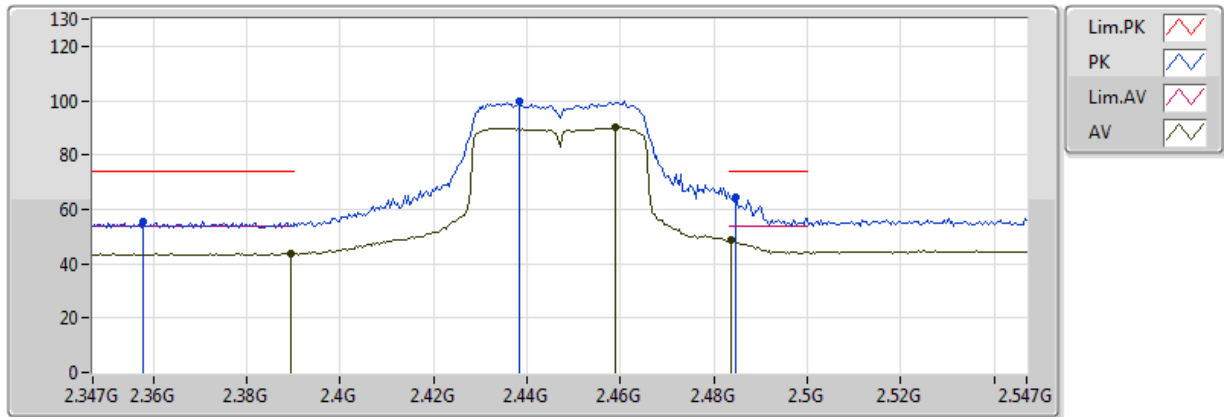


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.73	54.00	-5.27	30.77	3	Horizontal	153	1.01	-
AV	2.4296G	98.07	Inf	-Inf	30.92	3	Horizontal	153	1.01	-
AV	2.483502G	53.83	54.00	-0.17	31.11	3	Horizontal	153	1.01	-
PK	2.389998G	63.62	74.00	-10.38	30.77	3	Horizontal	153	1.01	-
PK	2.4264G	107.09	Inf	-Inf	30.91	3	Horizontal	153	1.01	-
PK	2.484G	72.67	74.00	-1.33	31.12	3	Horizontal	153	1.01	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

11/05/2018

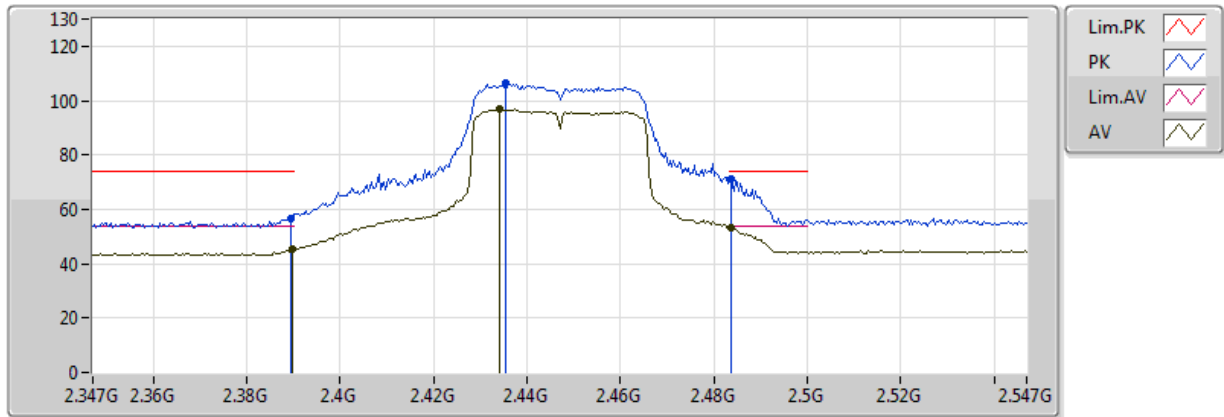


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	43.79	54.00	-10.21	30.77	3	Vertical	59	1.45	-
AV	2.459G	90.28	Inf	-Inf	31.02	3	Vertical	59	1.45	-
AV	2.4838G	48.81	54.00	-5.19	31.11	3	Vertical	59	1.45	-
PK	2.3578G	55.59	74.00	-18.41	30.66	3	Vertical	59	1.45	-
PK	2.4382G	99.77	Inf	-Inf	30.95	3	Vertical	59	1.45	-
PK	2.4846G	64.34	74.00	-9.66	31.12	3	Vertical	59	1.45	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

11/05/2018

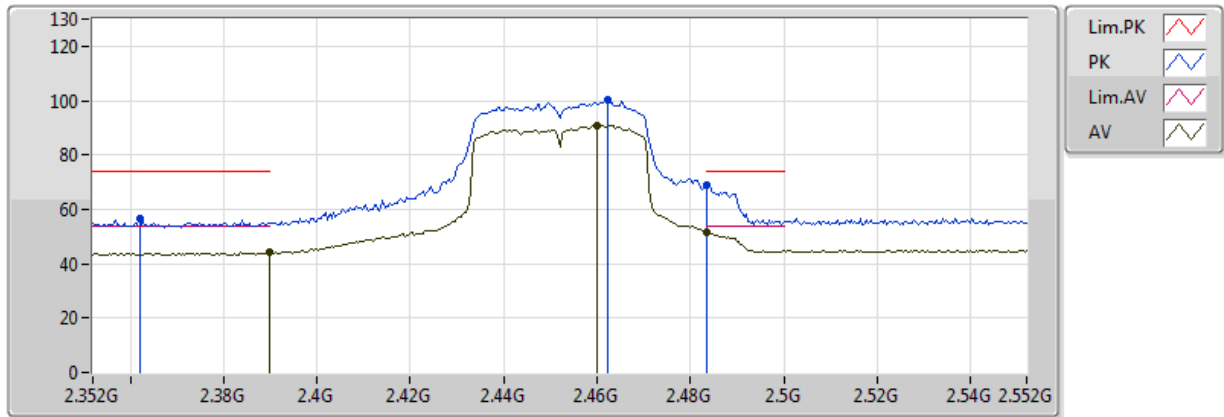


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.31	54.00	-8.69	30.77	3	Horizontal	149	1.62	-
AV	2.4342G	96.75	Inf	-Inf	30.93	3	Horizontal	149	1.62	-
AV	2.4838G	53.28	54.00	-0.72	31.11	3	Horizontal	149	1.62	-
PK	2.3894G	56.83	74.00	-17.17	30.77	3	Horizontal	149	1.62	-
PK	2.4354G	106.35	Inf	-Inf	30.94	3	Horizontal	149	1.62	-
PK	2.4838G	71.07	74.00	-2.93	31.11	3	Horizontal	149	1.62	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018

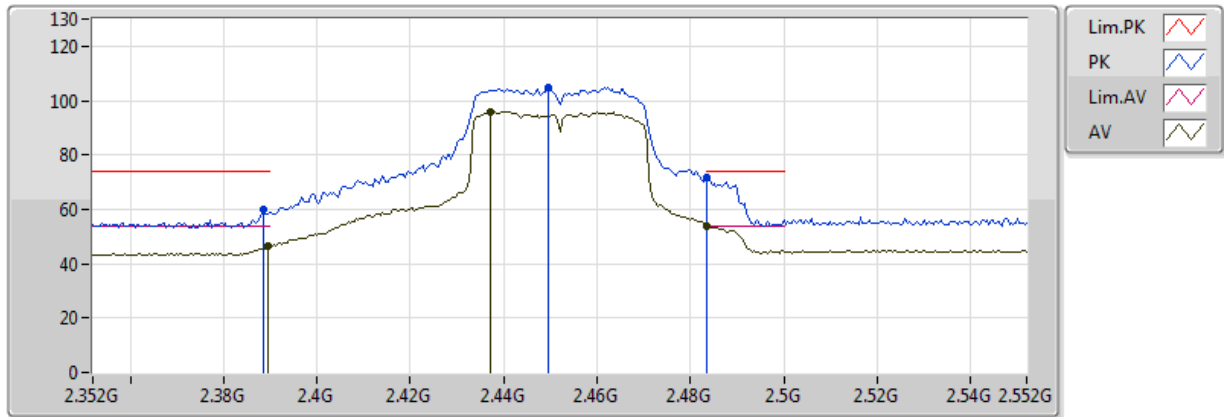


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	44.34	54.00	-9.66	30.77	3	Vertical	306	2.36	-
AV	2.46G	90.96	Inf	-Inf	31.03	3	Vertical	306	2.36	-
AV	2.483502G	51.78	54.00	-2.22	31.11	3	Vertical	306	2.36	-
PK	2.362G	56.74	74.00	-17.26	30.67	3	Vertical	306	2.36	-
PK	2.4624G	100.04	Inf	-Inf	31.03	3	Vertical	306	2.36	-
PK	2.483502G	68.74	74.00	-5.26	31.11	3	Vertical	306	2.36	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018

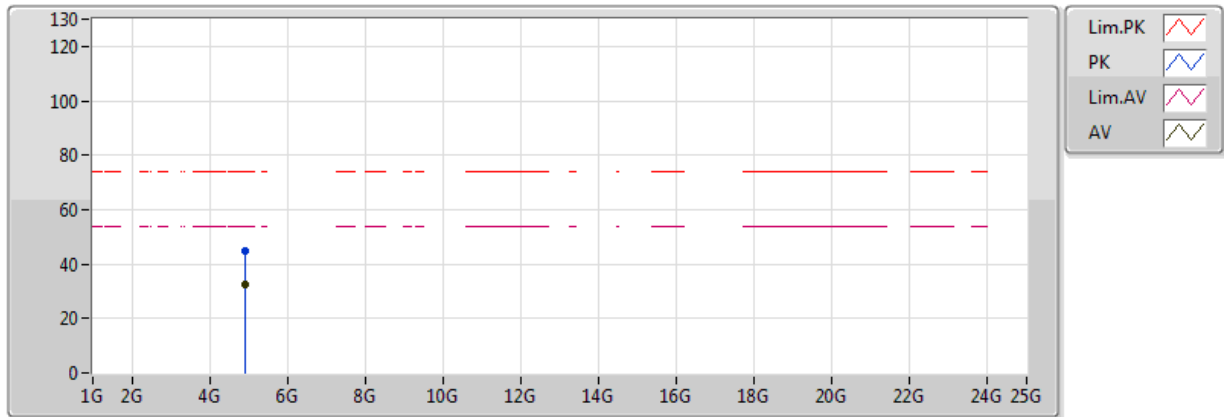


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	46.75	54.00	-7.25	30.77	3	Horizontal	59	1.00	-
AV	2.4372G	96.06	Inf	-Inf	30.94	3	Horizontal	59	1.00	-
AV	2.483502G	53.71	54.00	-0.29	31.11	3	Horizontal	59	1.00	-
PK	2.3884G	59.98	74.00	-14.02	30.77	3	Horizontal	59	1.00	-
PK	2.4496G	104.80	Inf	-Inf	30.99	3	Horizontal	59	1.00	-
PK	2.483502G	71.50	74.00	-2.50	31.11	3	Horizontal	59	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018

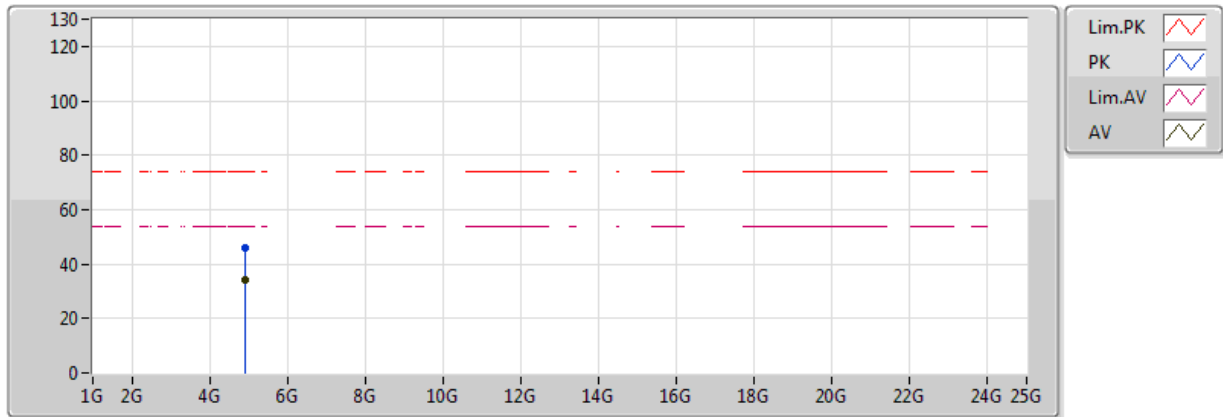


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90364G	32.43	54.00	-21.57	2.26	3	Vertical	83	1.64	-
PK	4.90363G	44.82	74.00	-29.18	2.26	3	Vertical	83	1.64	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

10/05/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90233G	34.38	54.00	-19.62	2.25	3	Horizontal	268	1.20	-
PK	4.90267G	45.96	74.00	-28.04	2.25	3	Horizontal	268	1.20	-



Summary

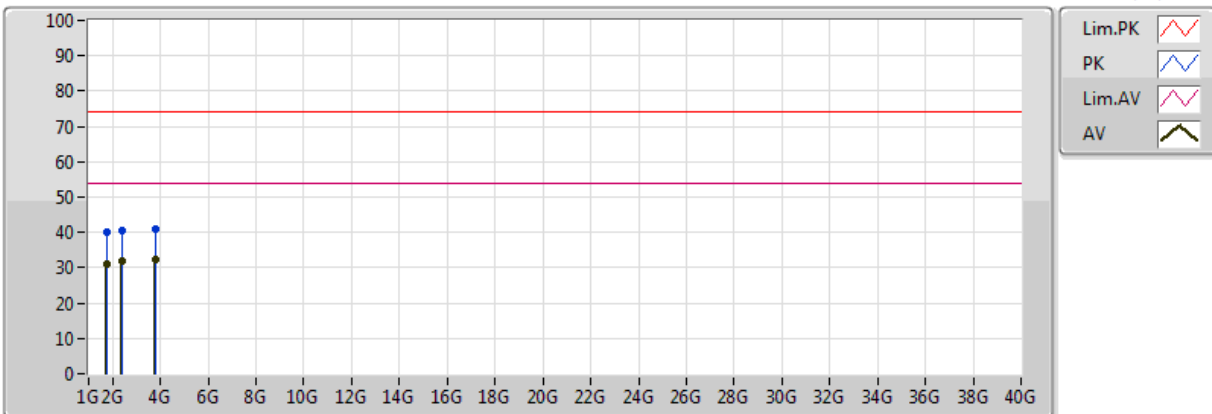
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	3.774G	32.47	54.00	-21.53	0.33	3	Vertical	360	1.00	-
Mode 2	Pass	AV	3.861G	36.85	54.00	-17.15	0.66	3	Horizontal	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.667G	31.10	54.00	-22.90	-4.84	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	2.387G	31.27	54.00	-22.73	-2.48	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	3.337G	31.36	54.00	-22.64	-0.63	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	1.667G	40.12	74.00	-33.88	-4.84	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	2.387G	39.64	74.00	-34.36	-2.48	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	3.337G	40.34	74.00	-33.66	-0.63	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	1.745G	30.88	54.00	-23.12	-4.61	3	Vertical	360	1.00	-
Mode 1	Pass	AV	2.38G	32.05	54.00	-21.95	-2.50	3	Vertical	360	1.00	-
Mode 1	Pass	AV	3.774G	32.47	54.00	-21.53	0.33	3	Vertical	360	1.00	-
Mode 1	Pass	PK	1.745G	39.88	74.00	-34.12	-4.61	3	Vertical	360	1.00	-
Mode 1	Pass	PK	2.38G	40.67	74.00	-33.33	-2.50	3	Vertical	360	1.00	-
Mode 1	Pass	PK	3.774G	40.80	74.00	-33.12	0.33	3	Vertical	360	1.00	-
Mode 2	Pass	AV	1.227G	29.38	54.00	-24.62	-6.79	3	Horizontal	0	1.00	
Mode 2	Pass	AV	2.552G	32.56	54.00	-21.44	-1.91	3	Horizontal	0	1.00	
Mode 2	Pass	AV	3.861G	36.85	54.00	-17.15	0.66	3	Horizontal	0	1.00	
Mode 2	Pass	PK	1.227G	38.48	74.00	-35.52	-6.79	3	Horizontal	0	1.00	
Mode 2	Pass	PK	2.552G	41.15	74.00	-32.85	-1.91	3	Horizontal	0	1.00	
Mode 2	Pass	PK	3.861G	41.21	74.00	-32.79	0.66	3	Horizontal	0	1.00	
Mode 2	Pass	AV	1.174G	28.15	54.00	-25.85	-7.07	3	Vertical	360	1.00	
Mode 2	Pass	AV	2.447G	30.20	54.00	-23.80	-2.26	3	Vertical	360	1.00	
Mode 2	Pass	AV	3.881G	32.84	54.00	-21.16	0.73	3	Vertical	360	1.00	
Mode 2	Pass	PK	1.174G	37.55	74.00	-36.45	-7.07	3	Vertical	360	1.00	
Mode 2	Pass	PK	2.447G	38.31	74.00	-35.69	-2.26	3	Vertical	360	1.00	
Mode 2	Pass	PK	3.881G	41.74	74.00	-32.26	0.73	3	Vertical	360	1.00	

Radiation-above 1GHz_Mode 1

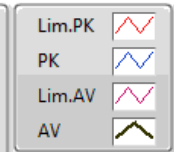
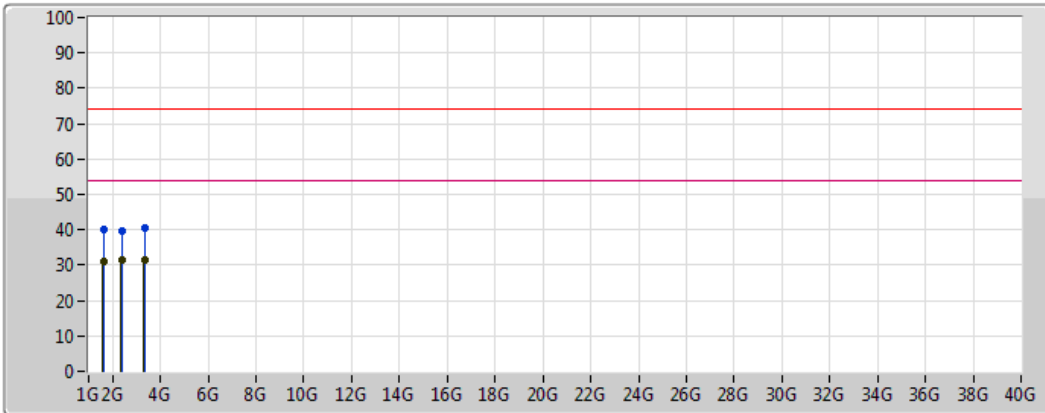
31/01/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	1.745G	30.88	54.00	-23.12	-4.61	3	Vertical	360	1.00	-	35.49	25.64	4.91	35.16
AV	2.38G	32.05	54.00	-21.95	-2.50	3	Vertical	360	1.00	-	34.55	26.96	5.72	35.18
AV	3.774G	32.47	54.00	-21.53	0.33	3	Vertical	360	1.00	-	32.14	29.15	6.44	35.26
PK	1.745G	39.88	74.00	-34.12	-4.61	3	Vertical	360	1.00	-	44.49	25.64	4.91	35.16
PK	2.38G	40.67	74.00	-33.33	-2.50	3	Vertical	360	1.00	-	43.17	26.96	5.72	35.18
PK	3.774G	40.88	74.00	-33.12	0.33	3	Vertical	360	1.00	-	40.55	29.15	6.44	35.26

Radiation-above 1GHz_Mode 1

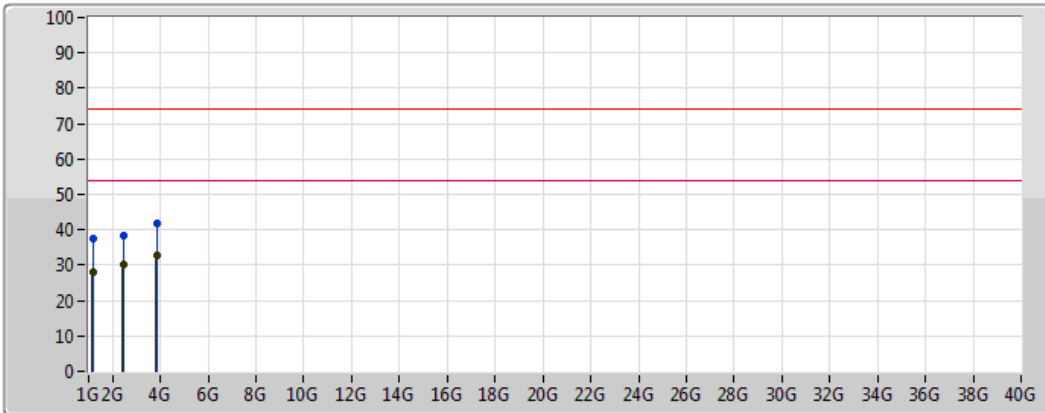
31/01/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.667G	31.10	54.00	-22.90	-4.84	3	Horizontal	0	1.00	-	35.94	25.57	4.79	35.20
AV	2.387G	31.27	54.00	-22.73	-2.48	3	Horizontal	0	1.00	-	33.75	26.98	5.73	35.19
AV	3.337G	31.36	54.00	-22.64	-0.63	3	Horizontal	0	1.00	-	31.99	28.60	6.09	35.33
PK	1.667G	40.12	74.00	-33.88	-4.84	3	Horizontal	0	1.00	-	44.96	25.57	4.79	35.20
PK	2.387G	39.64	74.00	-34.36	-2.48	3	Horizontal	0	1.00	-	42.12	26.98	5.73	35.19
PK	3.337G	40.34	74.00	-33.66	-0.63	3	Horizontal	0	1.00	-	40.97	28.60	6.09	35.33

Radiation-above 1GHz_Mode 2

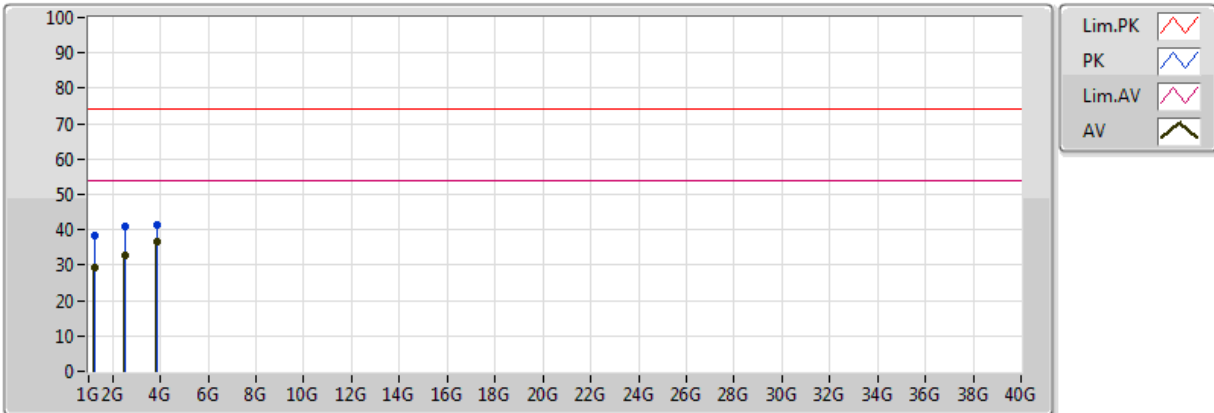
31/01/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.174G	28.15	54.00	-25.85	-7.07	3	Vertical	360	1.00	-	35.22	24.75	4.06	35.88
AV	2.447G	30.20	54.00	-23.80	-2.26	3	Vertical	360	1.00	-	32.46	27.15	5.80	35.21
AV	3.881G	32.84	54.00	-21.16	0.73	3	Vertical	360	1.00	-	32.11	29.36	6.60	35.23
PK	1.174G	37.55	74.00	-36.45	-7.07	3	Vertical	360	1.00	-	44.62	24.75	4.06	35.88
PK	2.447G	38.31	74.00	-35.69	-2.26	3	Vertical	360	1.00	-	40.57	27.15	5.80	35.21
PK	3.881G	41.74	74.00	-32.26	0.73	3	Vertical	360	1.00	-	41.01	29.36	6.60	35.23

Radiation-above 1GHz_Mode 2

31/01/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	1.227G	29.38	54.00	-24.62	-6.79	3	Horizontal	0	1.00	-	36.17	24.85	4.14	35.78
AV	2.552G	32.56	54.00	-21.44	-1.91	3	Horizontal	0	1.00	-	34.47	27.44	5.90	35.25
AV	3.861G	36.85	54.00	-17.15	0.66	3	Horizontal	0	1.00	-	36.19	29.32	6.57	35.24
PK	1.227G	38.48	74.00	-35.52	-6.79	3	Horizontal	0	1.00	-	45.27	24.85	4.14	35.78
PK	2.552G	41.15	74.00	-32.85	-1.91	3	Horizontal	0	1.00	-	43.06	27.44	5.90	35.25
PK	3.861G	41.21	74.00	-32.79	0.66	3	Horizontal	0	1.00	-	40.55	29.32	6.57	35.24



Summary

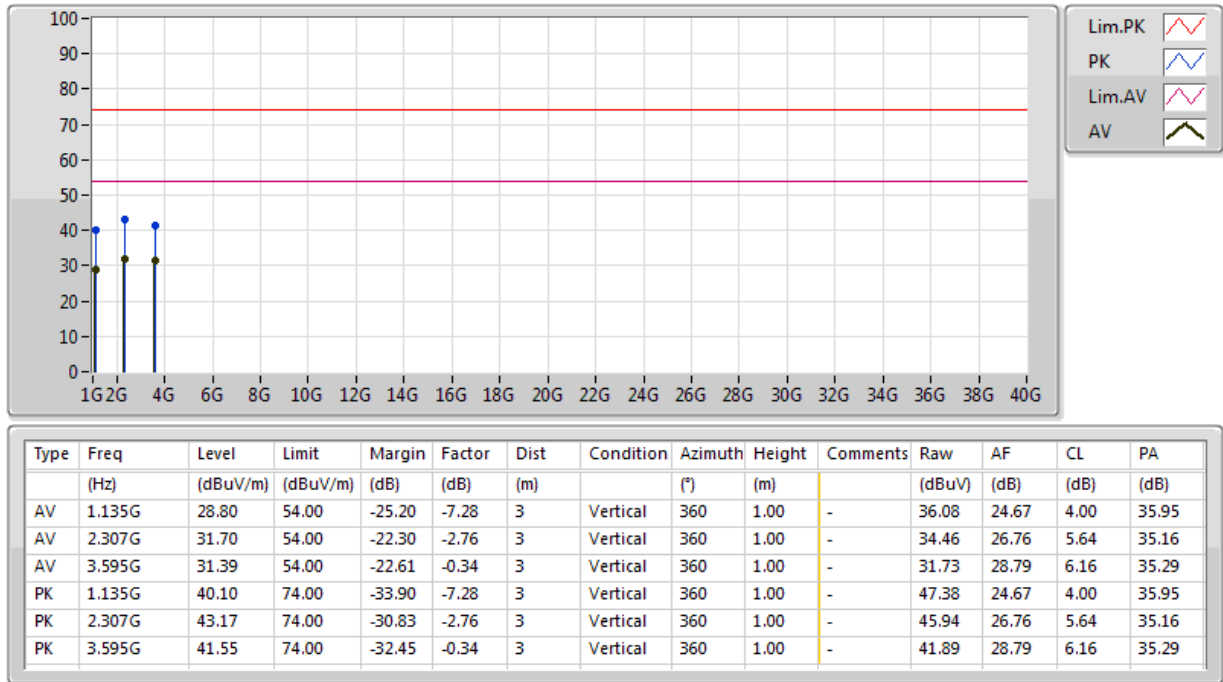
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1.	Pass	AV	4.031G	33.02	54.00	-20.98	1.31	3	Horizontal	0	1.00	-
Mode 2.	Pass	AV	3.951G	33.18	54.00	-20.82	0.99	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.21G	28.59	54.00	-25.41	-6.88	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	2.23G	31.04	54.00	-22.96	-3.04	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	4.031G	33.02	54.00	-20.98	1.31	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	1.21G	38.55	74.00	-35.45	-6.88	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	2.23G	40.43	74.00	-33.57	-3.04	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	4.031G	42.09	74.00	-31.91	1.31	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	1.135G	28.80	54.00	-25.20	-7.28	3	Vertical	360	1.00	-
Mode 1	Pass	AV	2.307G	31.70	54.00	-22.30	-2.76	3	Vertical	360	1.00	-
Mode 1	Pass	AV	3.595G	31.39	54.00	-22.61	-0.34	3	Vertical	360	1.00	-
Mode 1	Pass	PK	1.135G	40.10	74.00	-33.90	-7.28	3	Vertical	360	1.00	-
Mode 1	Pass	PK	2.307G	43.17	74.00	-30.83	-2.76	3	Vertical	360	1.00	-
Mode 1	Pass	PK	3.595G	41.55	74.00	-32.45	-0.34	3	Vertical	360	1.00	-
Mode 2	Pass	AV	1.165G	29.57	54.00	-24.43	-7.12	3	Horizontal	0	1.00	
Mode 2	Pass	AV	2.28G	31.97	54.00	-22.03	-2.86	3	Horizontal	0	1.00	
Mode 2	Pass	AV	3.695G	32.27	54.00	-21.73	0.03	3	Horizontal	0	1.00	
Mode 2	Pass	PK	1.165G	38.58	74.00	-35.42	-7.12	3	Horizontal	0	1.00	
Mode 2	Pass	PK	2.28G	40.74	74.00	-33.26	-2.86	3	Horizontal	0	1.00	
Mode 2	Pass	PK	3.695G	40.79	74.00	-33.21	0.03	3	Horizontal	0	1.00	
Mode 2	Pass	AV	1.189G	29.13	54.00	-24.87	-6.99	3	Vertical	360	1.00	
Mode 2	Pass	AV	2.427G	30.53	54.00	-23.47	-2.33	3	Vertical	360	1.00	
Mode 2	Pass	AV	3.951G	33.18	54.00	-20.82	0.99	3	Vertical	360	1.00	
Mode 2	Pass	PK	1.189G	38.74	74.00	-35.26	-6.99	3	Vertical	360	1.00	
Mode 2	Pass	PK	2.427G	38.54	74.00	-35.46	-2.33	3	Vertical	360	1.00	
Mode 2	Pass	PK	3.951G	42.60	74.00	-31.40	0.99	3	Vertical	360	1.00	

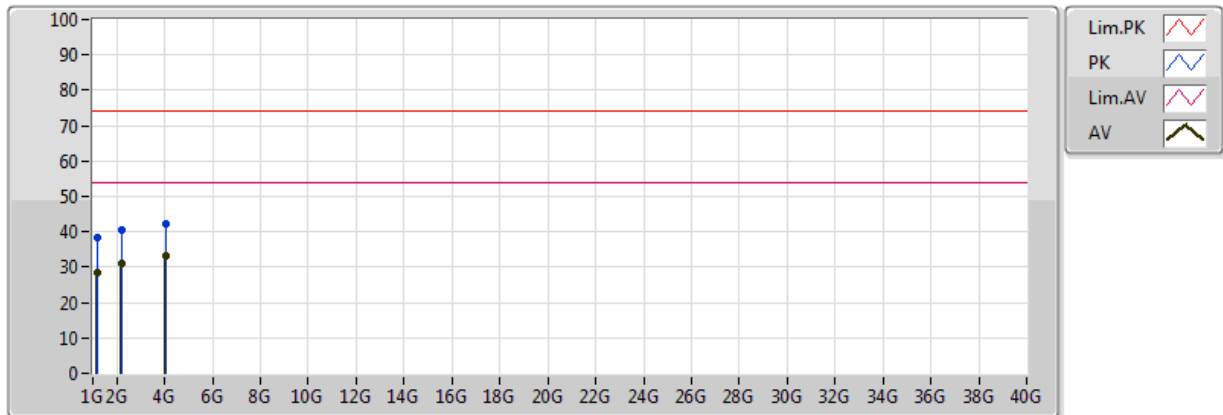
Radiation-above 1GHz_Mode 1

24/01/2018



Radiation-above 1GHz_Mode 1

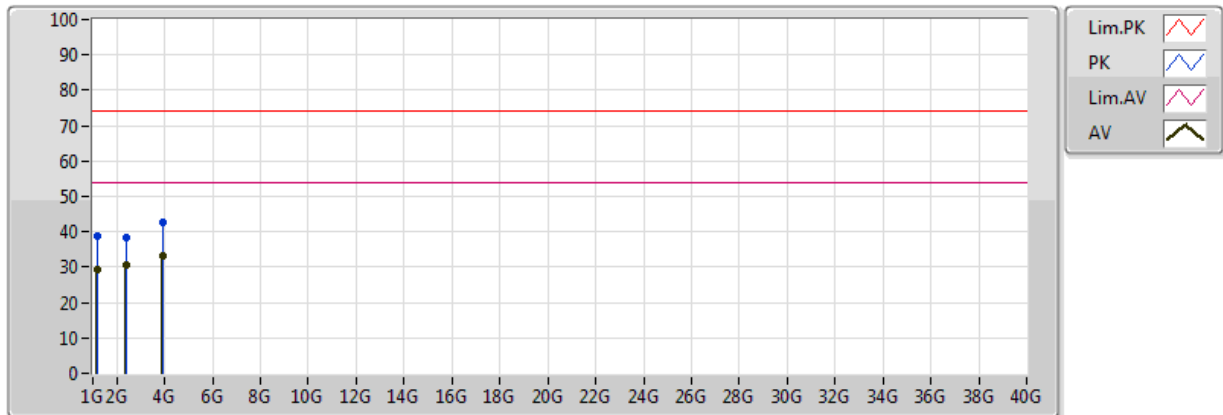
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.21G	28.59	54.00	-25.41	-6.88	3	Horizontal	0	1.00	-	35.47	24.82	4.11	35.81
AV	2.23G	31.04	54.00	-22.96	-3.04	3	Horizontal	0	1.00	-	34.08	26.54	5.55	35.13
AV	4.031G	33.02	54.00	-20.98	1.31	3	Horizontal	0	1.00	-	31.71	29.67	6.85	35.20
PK	1.21G	38.55	74.00	-35.45	-6.88	3	Horizontal	0	1.00	-	45.43	24.82	4.11	35.81
PK	2.23G	40.43	74.00	-33.57	-3.04	3	Horizontal	0	1.00	-	43.47	26.54	5.55	35.13
PK	4.031G	42.09	74.00	-31.91	1.31	3	Horizontal	0	1.00	-	40.77	29.67	6.85	35.20

Radiation-above 1GHz_Mode 2

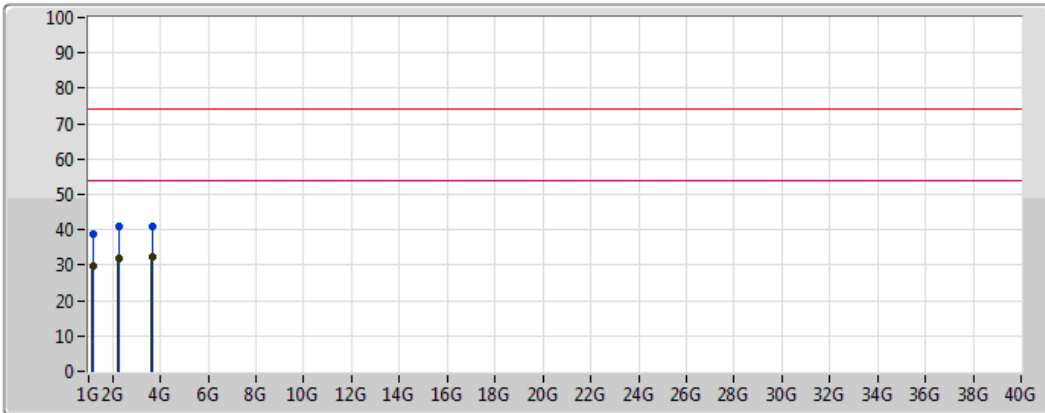
24/01/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.189G	29.13	54.00	-24.87	-6.99	3	Vertical	360	1.00	-	36.12	24.78	4.08	35.85
AV	2.427G	30.53	54.00	-23.47	-2.33	3	Vertical	360	1.00	-	32.86	27.10	5.77	35.20
AV	3.951G	33.18	54.00	-20.82	0.99	3	Vertical	360	1.00	-	32.19	29.50	6.71	35.22
PK	1.189G	38.74	74.00	-35.26	-6.99	3	Vertical	360	1.00	-	45.73	24.78	4.08	35.85
PK	2.427G	38.54	74.00	-35.46	-2.33	3	Vertical	360	1.00	-	40.87	27.10	5.77	35.20
PK	3.951G	42.60	74.00	-31.40	0.99	3	Vertical	360	1.00	-	41.61	29.50	6.71	35.22

Radiation-above 1GHz_Mode 2

24/01/2018



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	1.165G	29.57	54.00	-24.43	-7.12	3	Horizontal	0	1.00	-	36.69	24.73	4.05	35.90
AV	2.28G	31.97	54.00	-22.03	-2.86	3	Horizontal	0	1.00	-	34.84	26.68	5.61	35.15
AV	3.695G	32.27	54.00	-21.73	0.03	3	Horizontal	0	1.00	-	32.24	28.99	6.31	35.27
PK	1.165G	38.58	74.00	-35.42	-7.12	3	Horizontal	0	1.00	-	45.70	24.73	4.05	35.90
PK	2.28G	40.74	74.00	-33.26	-2.86	3	Horizontal	0	1.00	-	43.60	26.68	5.61	35.15
PK	3.695G	40.79	74.00	-33.21	0.03	3	Horizontal	0	1.00	-	40.75	28.99	6.31	35.27