

FCC Test Report

FCC ID : SWX-ULEDACR
Equipment : UniFi LED
Brand Name : UBIQUITI
Model Name : ULED-AC
Applicant : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York,
New York 10017 USA
Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York,
New York 10017 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 18, 2018, and testing was started from Sep. 25, 2018 and completed on Oct. 16, 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
FR7N0734-08AC	01	Initial issue of report	Oct. 30, 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: Jackson Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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	-	-	internal antenna	I-PEX
2	-	-	internal antenna	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	BT
1	1	4	-
2	2	-	3.5

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC power supply			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	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) ≥ 1/T
802.11b	1	0	n/a (DC≥0.98)	n/a (DC≥0.98)
802.11g	0.99	0.044	n/a (DC≥0.98)	n/a (DC≥0.98)
802.11n HT20	0.986	0.061	n/a (DC≥0.98)	n/a (DC≥0.98)
802.11n HT40	0.993	0.031	n/a (DC≥0.98)	n/a (DC≥0.98)

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v05

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Andy	25.5°C / 63.6%	16/Oct/2018
Radiated	03CH03-HY	Andy	22.8°C / 59%	12/Oct/2018
AC Conduction	CO04-HY	Daniel	23.13°C / 52%	25/Sep/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	277V

2.2 Test Channel Mode

Test Software	Dos
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2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	AC mode

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

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



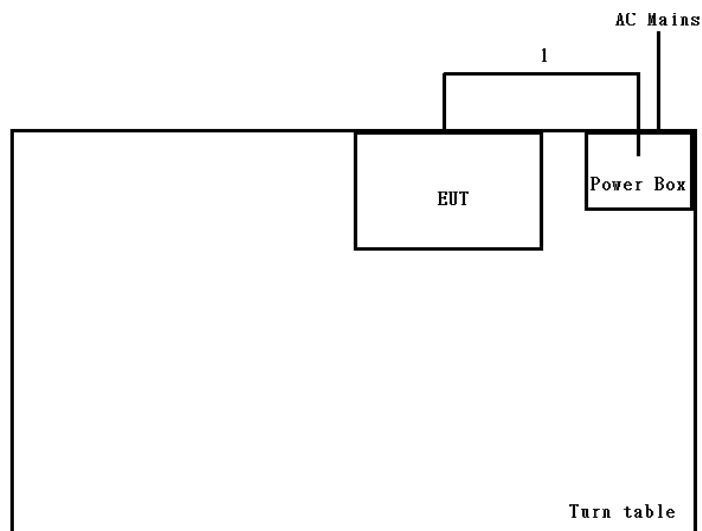
The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
Refer to Sporton Test Report No.: FA7N0734-08 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

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

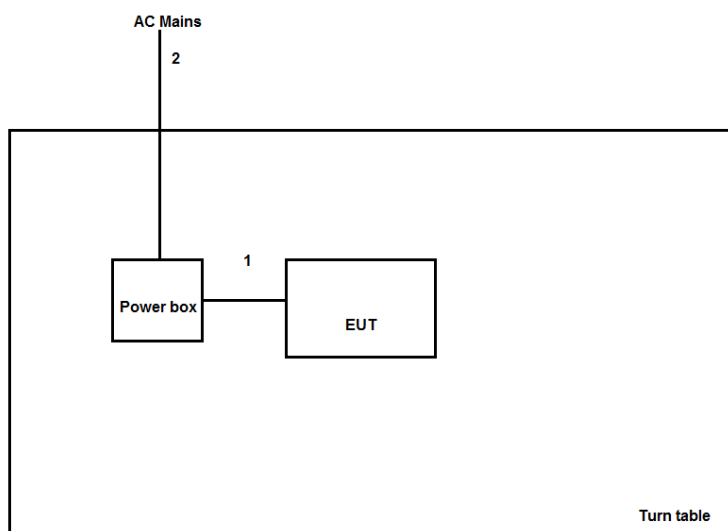
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power line	No	0.65m
2	AC Power line	No	1.0m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power line	No	0.65m
2	AC Power line	No	1.8m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

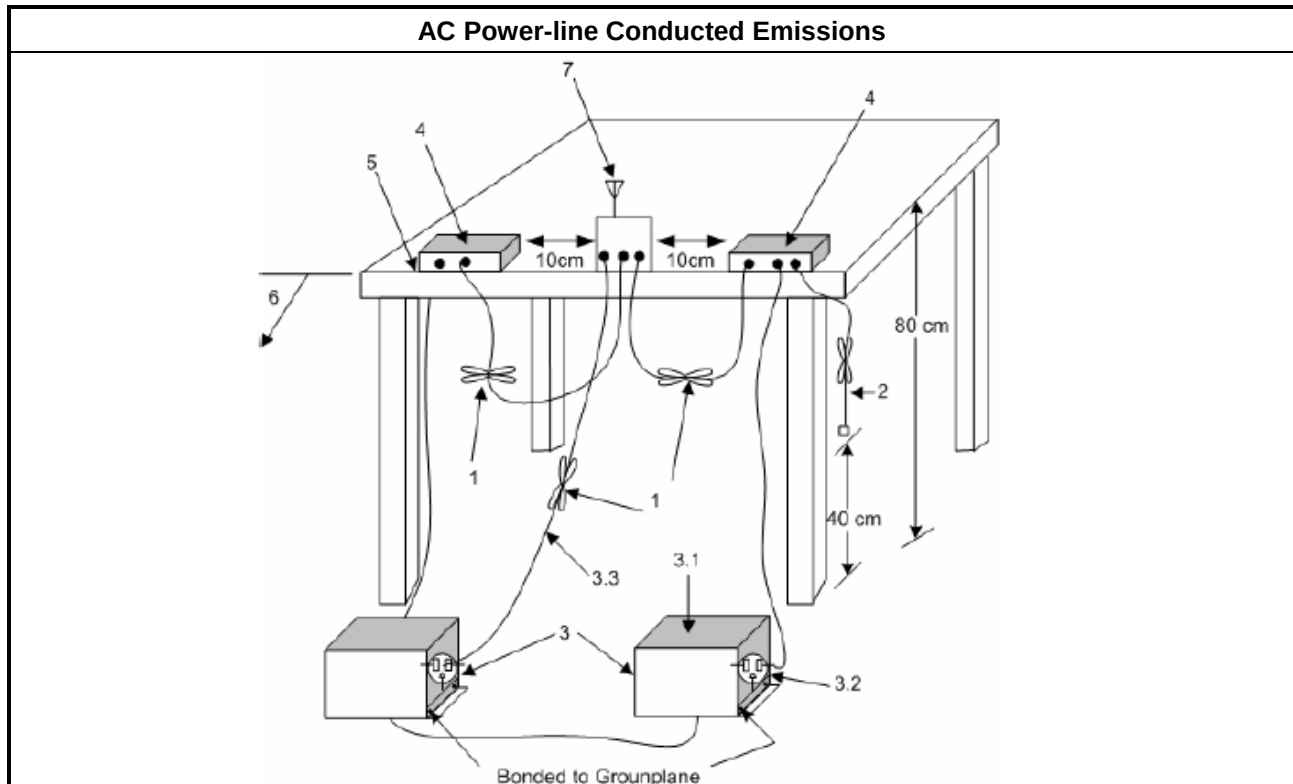
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

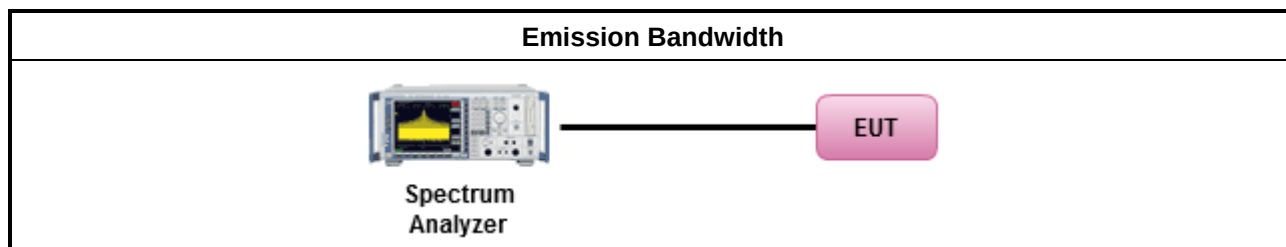
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074. clause 8.2 (11.9.2.2 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

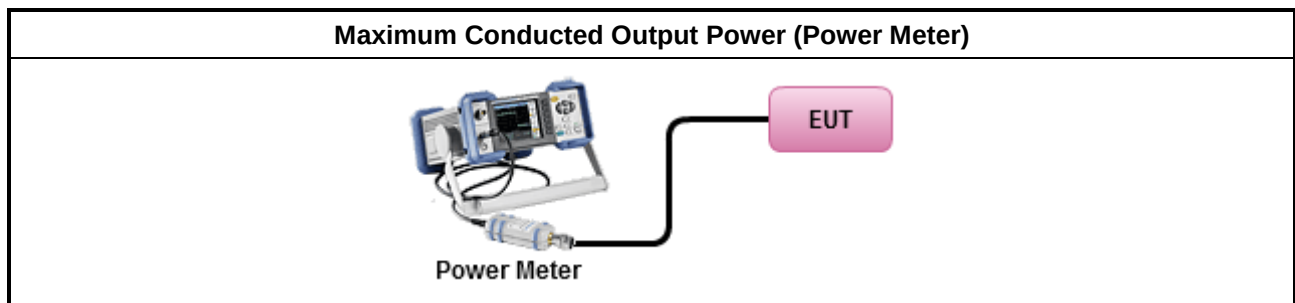
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

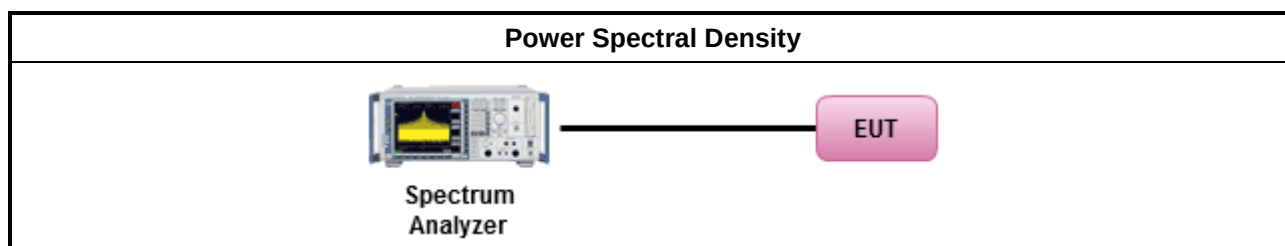
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

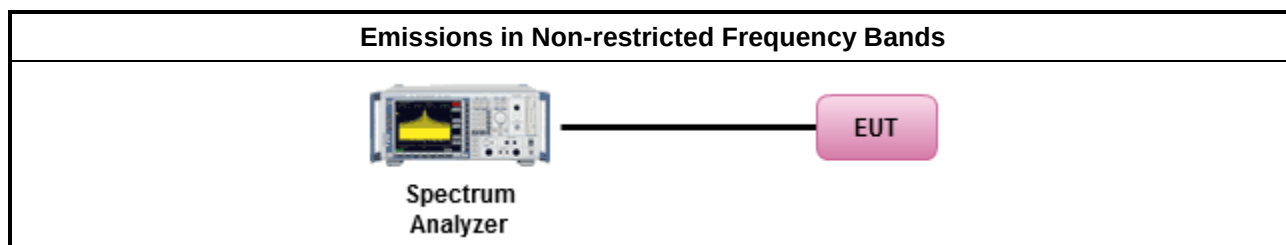
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

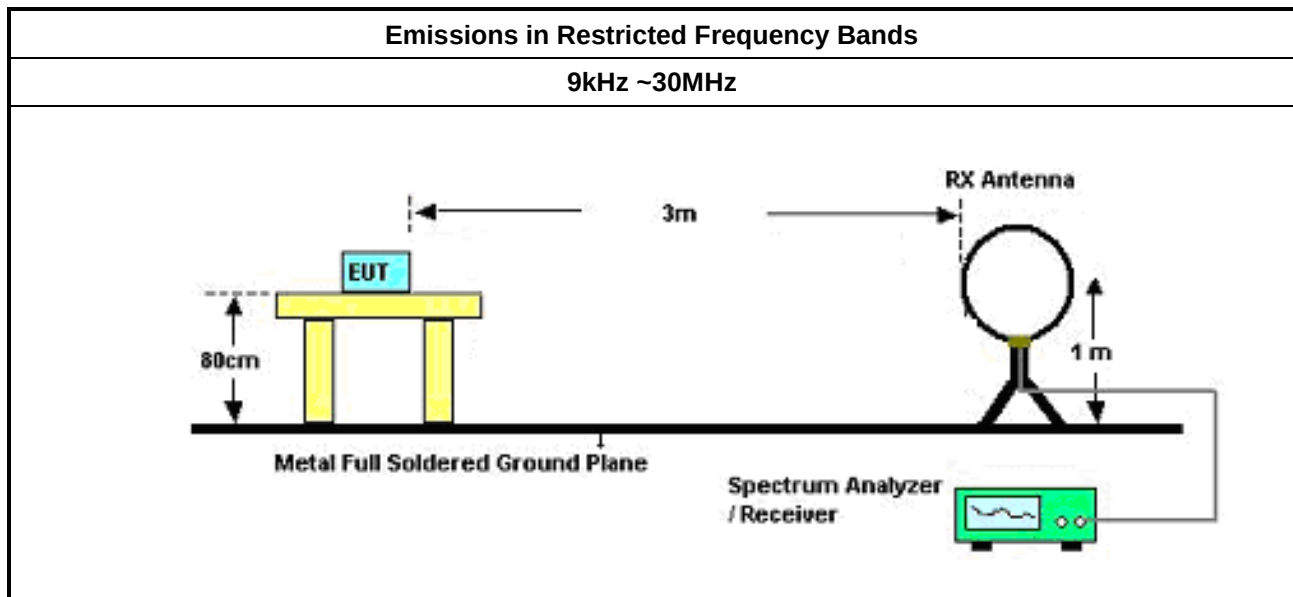
3.6.2 Measuring Instruments

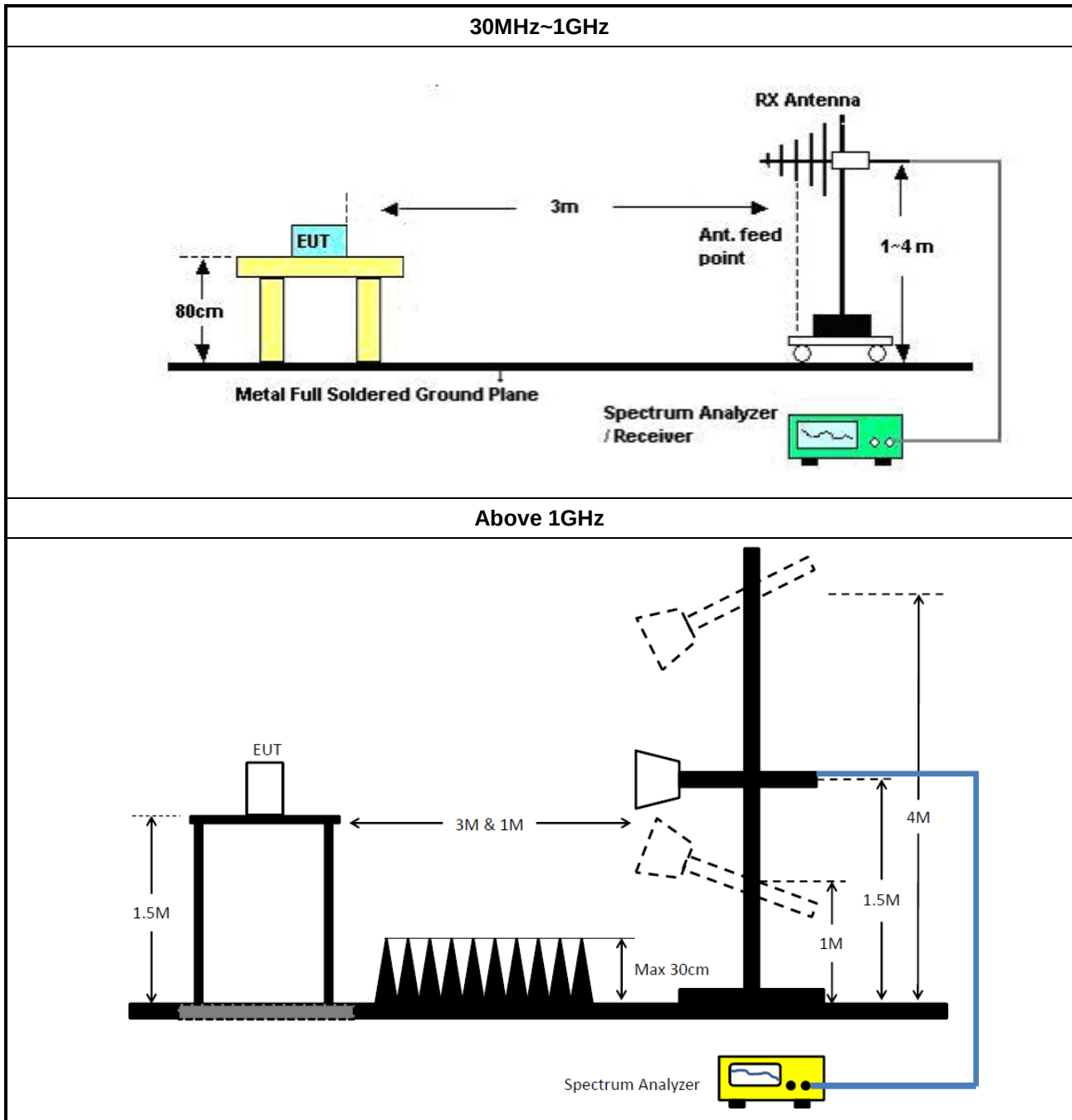
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).

3.6.4 Test Setup





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

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR	102051	9KHz ~ 3.6GHz	03/May/2018	02/May/2019
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

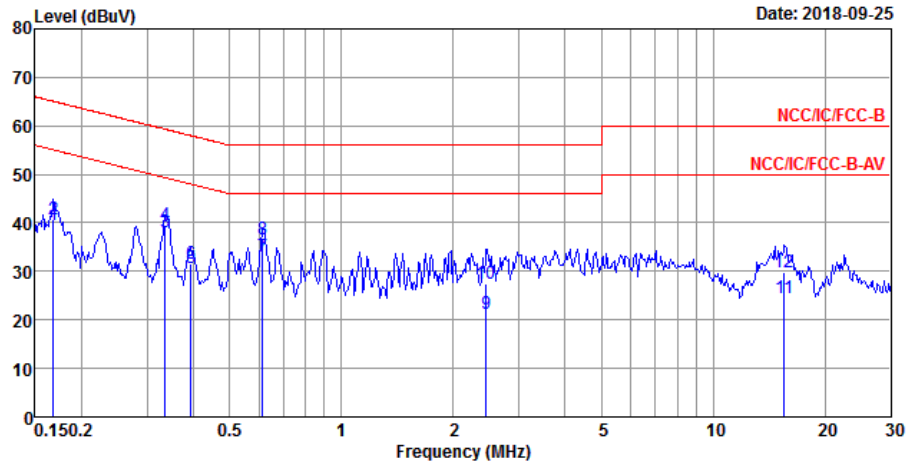
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	31/Oct/2017	30/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	01/Nov/2017	31/Oct/2018
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	23/Apr/2018	19/Apr/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	29/Jan/2018	28/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX 106	CB222	1GHz ~ 40GHz	29/Jan/2018	28/Jan/2019
Bilog Antenna & 5db Attenuator	SCHAFFNER/MTJ	CBL6112D / MTJ6102-05	2678 / 001	30MHz ~ 2GHz	07/Jul/2018	06/Jul/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/ 2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	28/Mar/2018	27/Mar/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12585/4	30MHz~26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz~26.5GHz	26/Jan/2018	25/Jan/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz~26.5GHz	26/Jan/2018	25/Jan/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	AC mode		

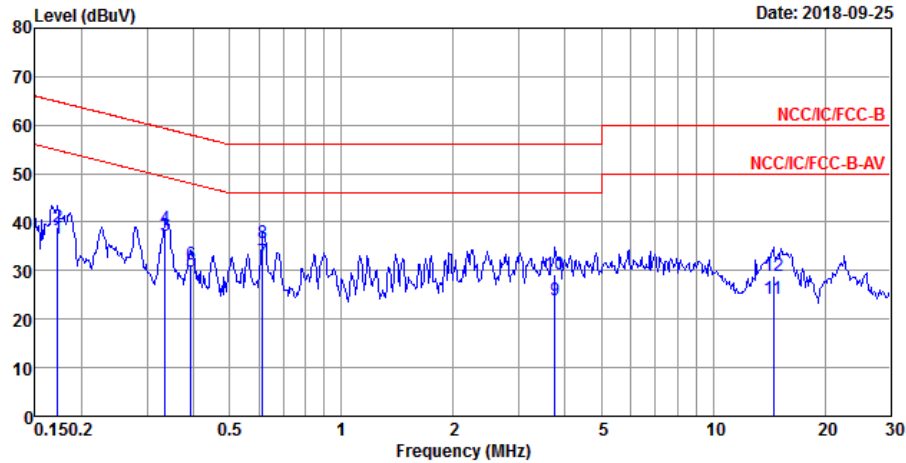


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	39.46	-15.62	55.08	29.80	9.63	0.03	Average
2	0.17	40.66	-24.42	65.08	31.00	9.63	0.03	QP
3 MAX	0.34	38.10	-11.21	49.31	28.42	9.61	0.07	Average
4	0.34	39.50	-19.81	59.31	29.82	9.61	0.07	QP
5	0.39	30.58	-17.41	47.99	20.87	9.61	0.10	Average
6	0.39	31.71	-26.28	57.99	22.00	9.61	0.10	QP
7	0.61	33.10	-12.90	46.00	23.44	9.61	0.05	Average
8	0.61	36.60	-19.40	56.00	26.94	9.61	0.05	QP
9	2.45	21.33	-24.67	46.00	11.67	9.63	0.03	Average
10	2.45	27.46	-28.54	56.00	17.80	9.63	0.03	QP
11	15.55	24.55	-25.45	50.00	14.82	9.70	0.03	Average
12	15.55	29.67	-30.33	60.00	19.94	9.70	0.03	QP

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

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	AC mode		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.17	36.68	-18.18	54.86	27.04	9.62	0.02	Average
2	0.17	38.98	-25.88	64.86	29.34	9.62	0.02	QP
3 MAX	0.34	37.20	-12.11	49.31	27.52	9.61	0.07	Average
4	0.34	38.82	-20.49	59.31	29.14	9.61	0.07	QP
5	0.39	29.92	-18.07	47.99	20.21	9.61	0.10	Average
6	0.39	31.17	-26.82	57.99	21.46	9.61	0.10	QP
7	0.61	31.74	-14.26	46.00	22.08	9.61	0.05	Average
8	0.61	35.82	-20.18	56.00	26.16	9.61	0.05	QP
9	3.76	23.83	-22.17	46.00	14.12	9.63	0.08	Average
10	3.76	29.23	-26.77	56.00	19.52	9.63	0.08	QP
11	14.52	24.10	-25.90	50.00	14.45	9.64	0.01	Average
12	14.52	28.95	-31.05	60.00	19.30	9.64	0.01	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10.025M	13.893M	13M9G1D	9.55M	13.193M
802.11g_Nss1,(6Mbps)_1TX	15.65M	16.217M	16M2D1D	15.275M	16.192M
802.11n HT20_Nss1,(MCS0)_1TX	16.125M	17.341M	17M3D1D	15.875M	17.291M
802.11n HT40_Nss1,(MCS0)_1TX	35.05M	35.782M	35M8D1D	34.1M	35.682M

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	10M	13.268M
2437MHz_TnomVnom	Pass	500k	10.025M	13.893M
2462MHz_TnomVnom	Pass	500k	9.55M	13.193M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.275M	16.217M
2437MHz_TnomVnom	Pass	500k	15.55M	16.217M
2462MHz_TnomVnom	Pass	500k	15.65M	16.192M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.05M	17.291M
2437MHz_TnomVnom	Pass	500k	15.875M	17.316M
2462MHz_TnomVnom	Pass	500k	16.125M	17.341M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.05M	35.682M
2437MHz_TnomVnom	Pass	500k	34.1M	35.782M
2452MHz_TnomVnom	Pass	500k	34.8M	35.782M

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

802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

16/10/2018

Ch Freq
2.412GHz

Span
50MHz

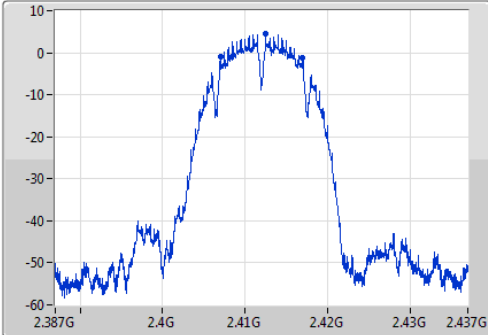
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.412GHz

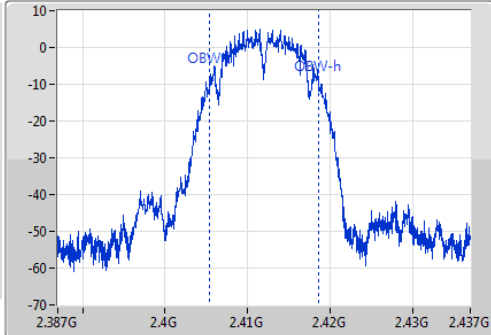
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.407G	2.417G	13.268M	2.405378G	2.418647G	500k	1

802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

21/09/2018

Ch Freq
2.437GHz

Span
50MHz

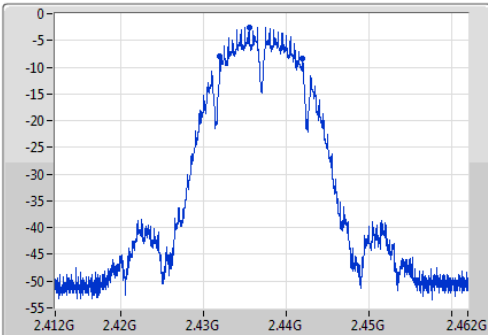
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

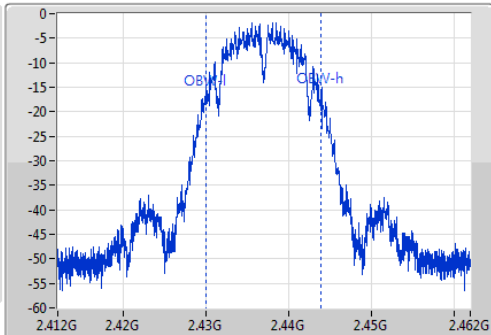
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.025M	2.431975G	2.442G	13.893M	2.429954G	2.443847G	500k	1

802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

16/10/2018

Ch Freq
2.462GHz

Span
50MHz

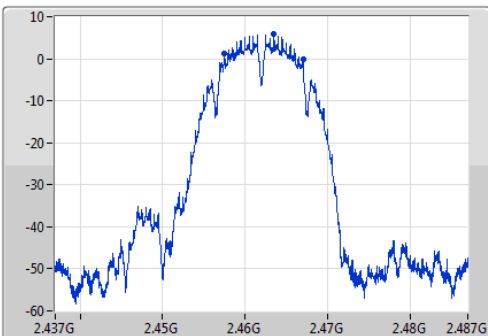
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.462GHz

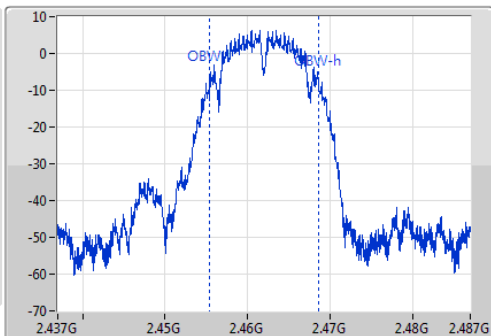
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.55M	2.457475G	2.467025G	13.193M	2.455403G	2.468597G	500k	1

802.11g_Nss1,(6Mbps)_1TX
EBW
2412MHz

16/10/2018

Ch Freq
2.412GHz

Span
50MHz

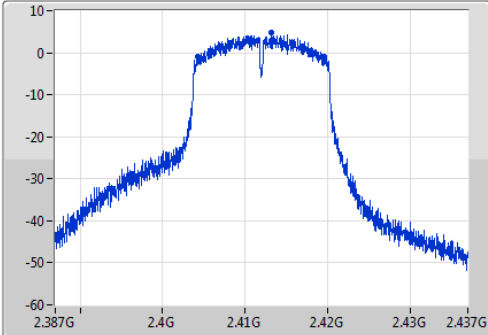
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.412GHz

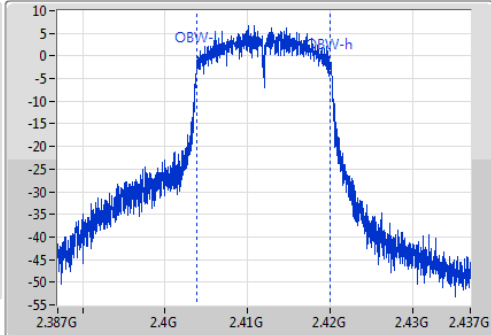
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.275M	2.40425G	2.419525G	16.217M	2.403854G	2.420071G	500k	1

802.11g_Nss1,(6Mbps)_1TX
EBW
2437MHz

16/10/2018

Ch Freq
2.437GHz

Span
50MHz

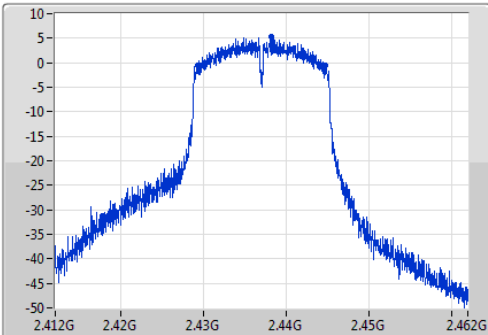
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

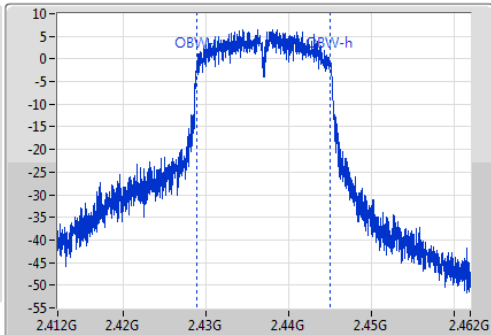
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.55M	2.429225G	2.444775G	16.217M	2.428854G	2.445071G	500k	1

802.11g_Nss1,(6Mbps)_1TX
EBW
2462MHz

16/10/2018

Ch Freq
2.462GHz

Span
50MHz

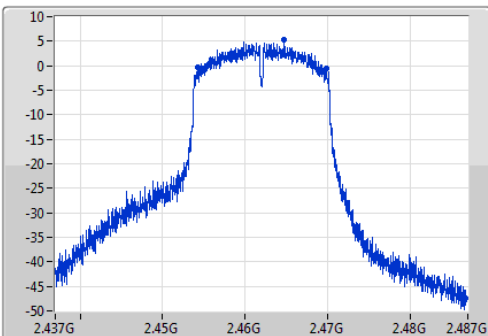
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.462GHz

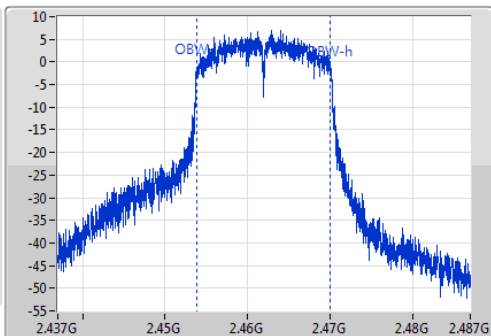
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.454225G	2.469875G	16.192M	2.453879G	2.470071G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2412MHz

16/10/2018

Ch Freq
2.412GHz

Span
50MHz

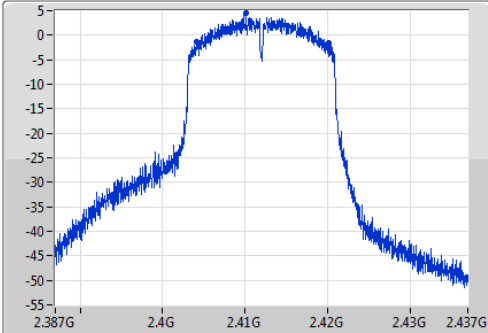
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.412GHz

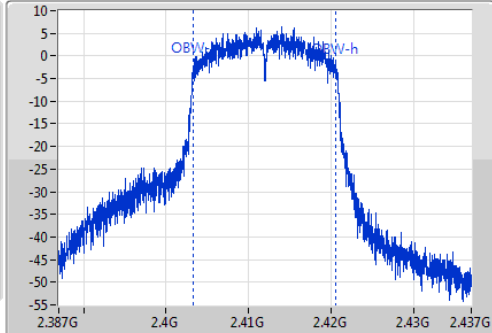
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	2.404075G	2.420125G	17.291M	2.403329G	2.420621G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2437MHz

16/10/2018

Ch Freq
2.437GHz

Span
50MHz

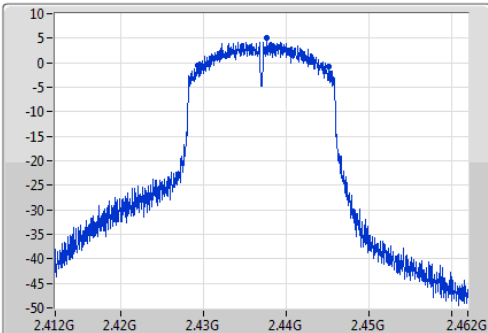
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

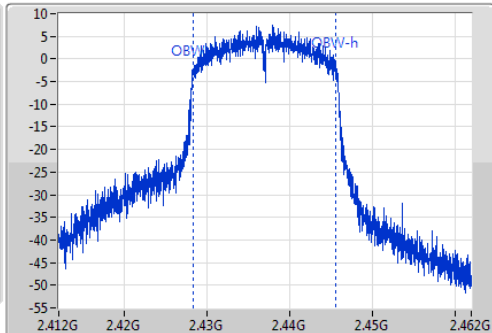
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.875M	2.42925G	2.445125G	17.316M	2.428304G	2.445621G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX
EBW
2462MHz

16/10/2018

Ch Freq
2.462GHz

Span
50MHz

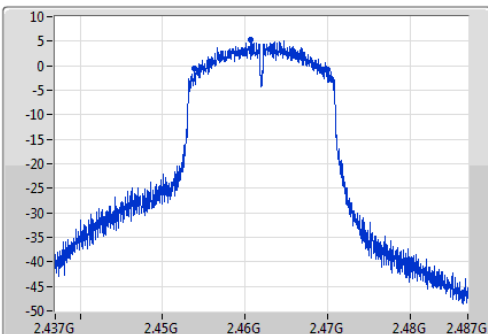
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.462GHz

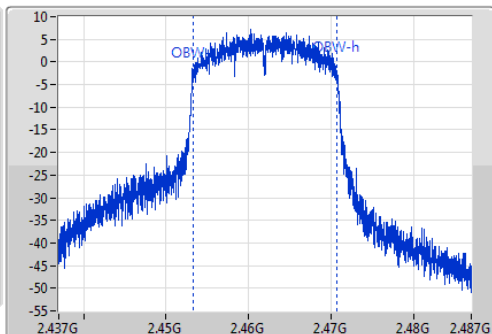
Span
50MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.125M	2.453875G	2.47G	17.341M	2.453304G	2.470646G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2422MHz

16/10/2018

Ch Freq
2.422GHz

Span
100MHz

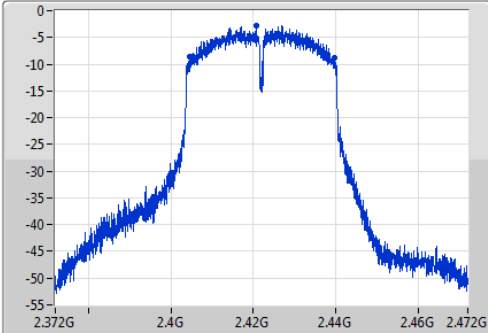
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.422GHz

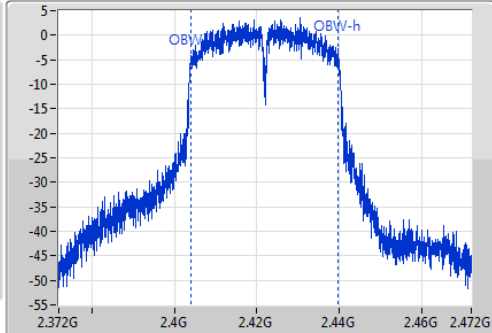
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4047G	2.43975G	35.682M	2.404109G	2.439791G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2437MHz

16/10/2018

Ch Freq
2.437GHz

Span
100MHz

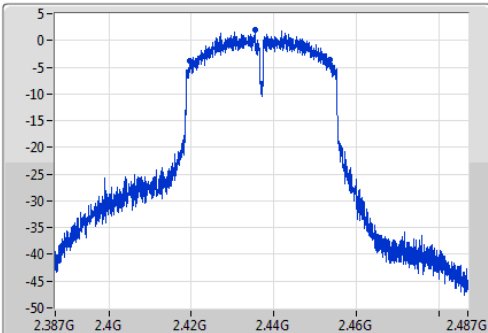
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.437GHz

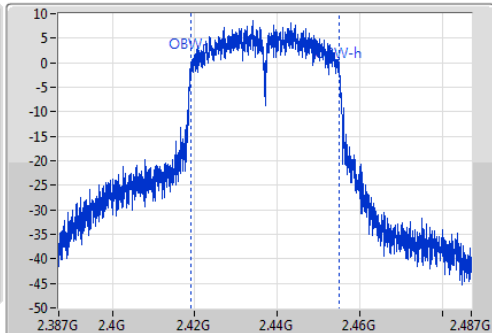
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.1M	2.4195G	2.4536G	35.782M	2.419059G	2.454841G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX
EBW
2452MHz

16/10/2018

Ch Freq
2.452GHz

Span
100MHz

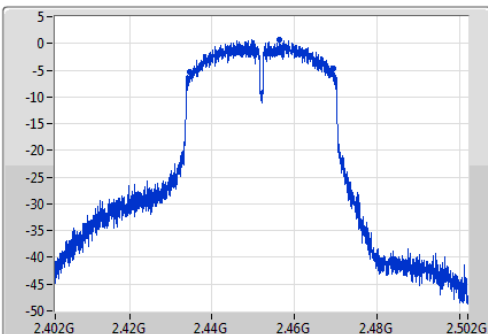
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port1 



Ch Freq
2.452GHz

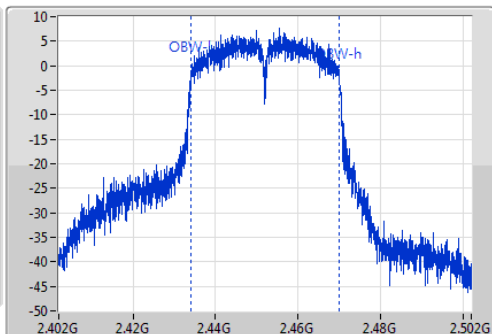
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.8M	2.4347G	2.4695G	35.782M	2.434059G	2.469841G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	15.28	0.03373
802.11g_Nss1,(6Mbps)_1TX	17.98	0.06281
802.11n HT20_Nss1,(MCS0)_1TX	17.97	0.06266
802.11n HT40_Nss1,(MCS0)_1TX	17.59	0.05741

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	13.67	13.67	30.00
2417MHz_TnomVnom	Pass	4.00	15.28	15.28	30.00
2437MHz_TnomVnom	Pass	4.00	14.90	14.90	30.00
2462MHz_TnomVnom	Pass	4.00	15.18	15.18	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	17.20	17.20	30.00
2417MHz_TnomVnom	Pass	4.00	17.95	17.95	30.00
2422MHz_TnomVnom	Pass	4.00	17.90	17.90	30.00
2427MHz_TnomVnom	Pass	4.00	17.91	17.91	30.00
2432MHz_TnomVnom	Pass	4.00	17.96	17.96	30.00
2437MHz_TnomVnom	Pass	4.00	17.98	17.98	30.00
2442MHz_TnomVnom	Pass	4.00	17.94	17.94	30.00
2447MHz_TnomVnom	Pass	4.00	17.98	17.98	30.00
2452MHz_TnomVnom	Pass	4.00	17.98	17.98	30.00
2457MHz_TnomVnom	Pass	4.00	17.67	17.67	30.00
2462MHz_TnomVnom	Pass	4.00	17.72	17.72	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	16.82	16.82	30.00
2417MHz_TnomVnom	Pass	4.00	17.62	17.62	30.00
2422MHz_TnomVnom	Pass	4.00	17.66	17.66	30.00
2427MHz_TnomVnom	Pass	4.00	17.72	17.72	30.00
2432MHz_TnomVnom	Pass	4.00	17.69	17.69	30.00
2437MHz_TnomVnom	Pass	4.00	17.67	17.67	30.00
2442MHz_TnomVnom	Pass	4.00	17.70	17.70	30.00
2447MHz_TnomVnom	Pass	4.00	17.74	17.74	30.00
2452MHz_TnomVnom	Pass	4.00	17.84	17.84	30.00
2457MHz_TnomVnom	Pass	4.00	17.89	17.89	30.00
2462MHz_TnomVnom	Pass	4.00	17.97	17.97	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	13.00	13.00	30.00
2427MHz_TnomVnom	Pass	4.00	13.71	13.71	30.00
2432MHz_TnomVnom	Pass	4.00	16.11	16.11	30.00
2437MHz_TnomVnom	Pass	4.00	17.59	17.59	30.00
2442MHz_TnomVnom	Pass	4.00	17.47	17.47	30.00
2447MHz_TnomVnom	Pass	4.00	17.26	17.26	30.00



AV Power Result

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
2452MHz_TnomVnom	Pass	4.00	16.76	16.76	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-8.59
802.11g_Nss1,(6Mbps)_1TX	-7.31
802.11n HT20_Nss1,(MCS0)_1TX	-7.41
802.11n HT40_Nss1,(MCS0)_1TX	-10.68

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	4.00	-9.74	-9.74	8.00
2437MHz_TnomVnom	Pass	4.00	-8.74	-8.74	8.00
2462MHz_TnomVnom	Pass	4.00	-8.59	-8.59	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	-7.99	-7.99	8.00
2437MHz_TnomVnom	Pass	4.00	-7.31	-7.31	8.00
2462MHz_TnomVnom	Pass	4.00	-7.99	-7.99	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	-8.57	-8.57	8.00
2437MHz_TnomVnom	Pass	4.00	-8.12	-8.12	8.00
2462MHz_TnomVnom	Pass	4.00	-7.41	-7.41	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	-15.19	-15.19	8.00
2437MHz_TnomVnom	Pass	4.00	-10.68	-10.68	8.00
2452MHz_TnomVnom	Pass	4.00	-11.83	-11.83	8.00

DG = Directional Gain; RBW=3kHz;

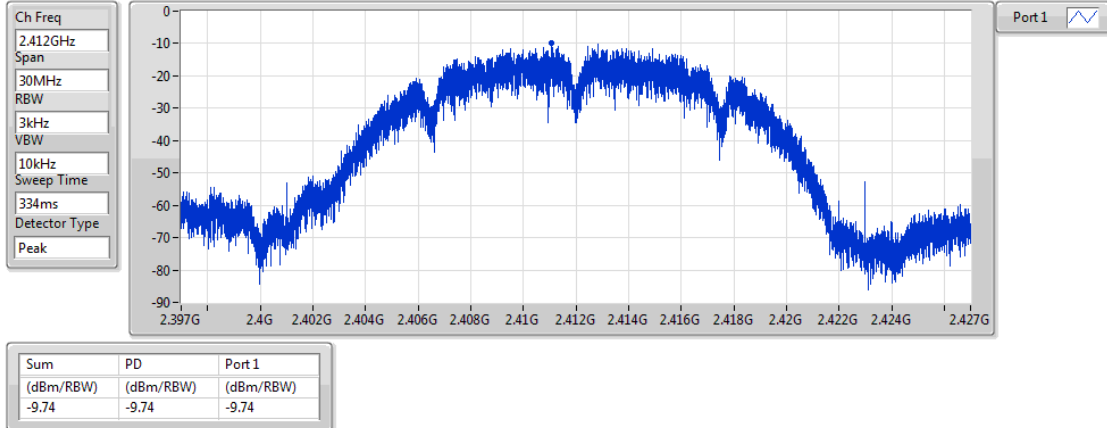
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

16/10/2018

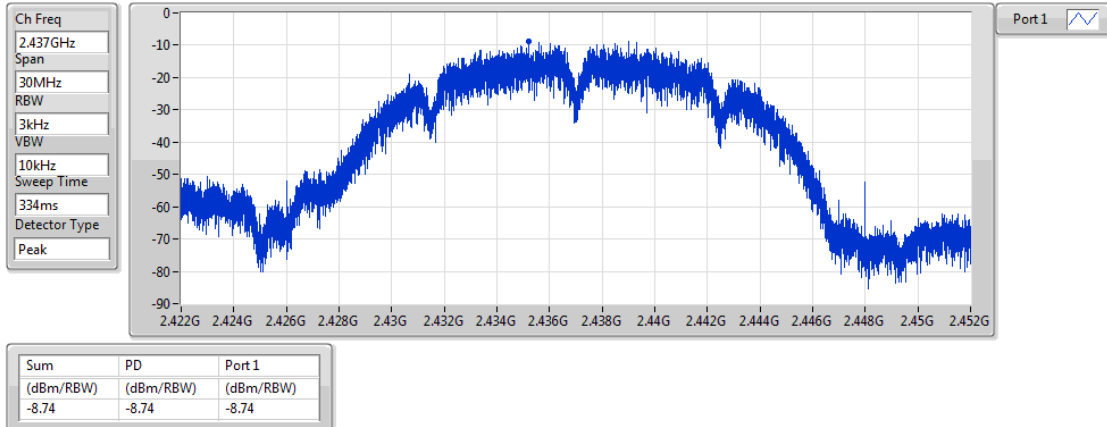


802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

16/10/2018

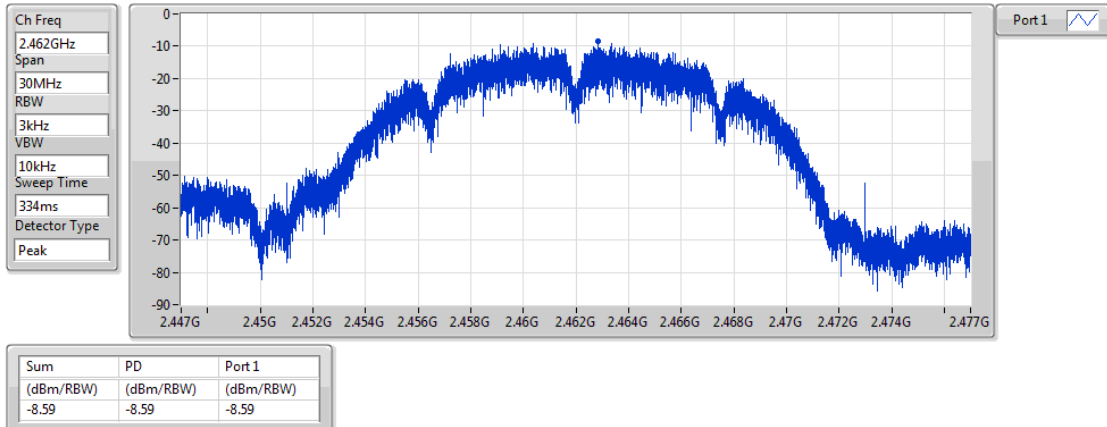


802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

16/10/2018

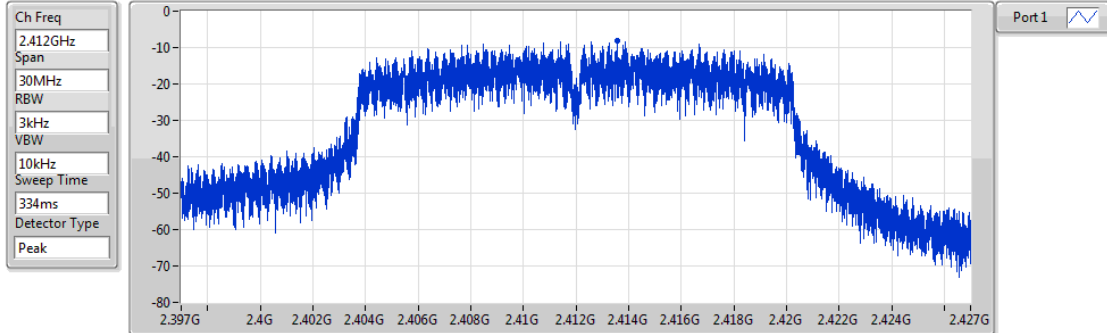


802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

16/10/2018



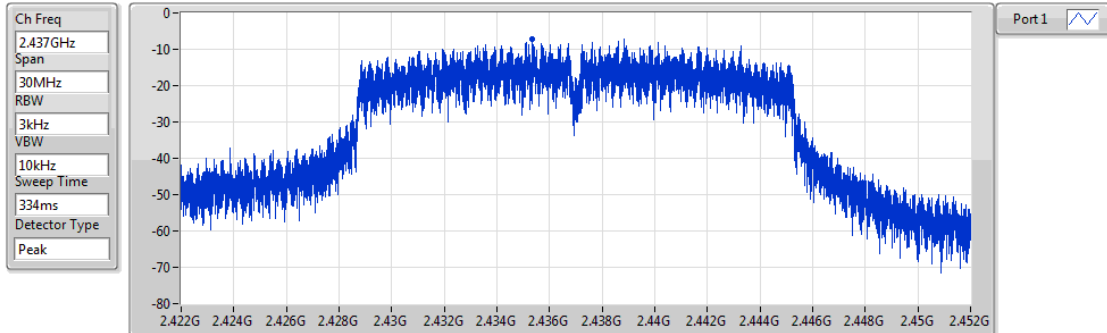
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.99	-7.99	-7.99

802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

16/10/2018



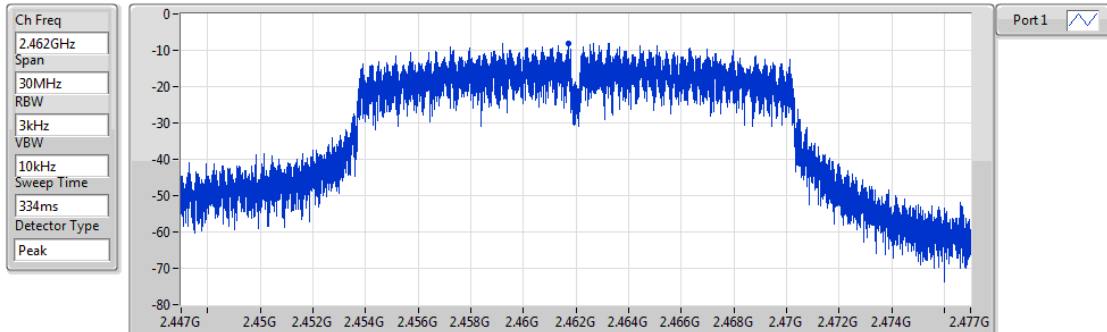
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.31	-7.31	-7.31

802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

16/10/2018



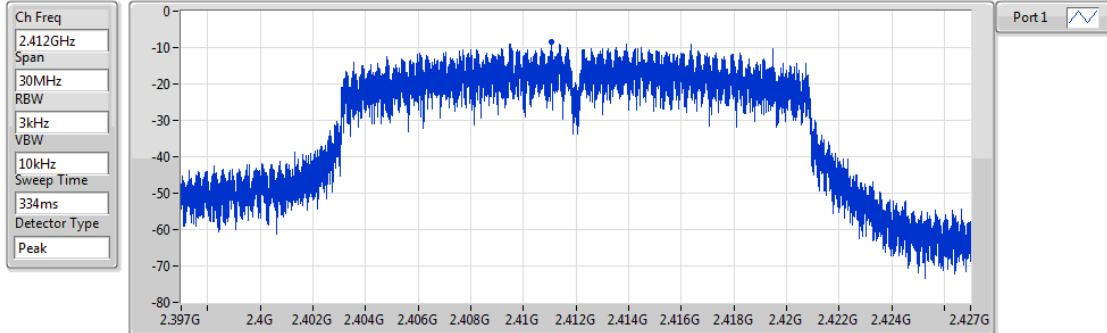
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.99	-7.99	-7.99

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2412MHz

16/10/2018



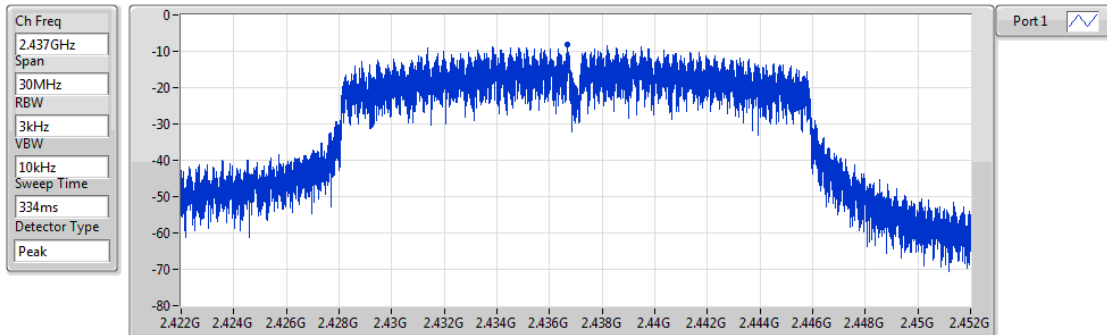
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
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802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

16/10/2018



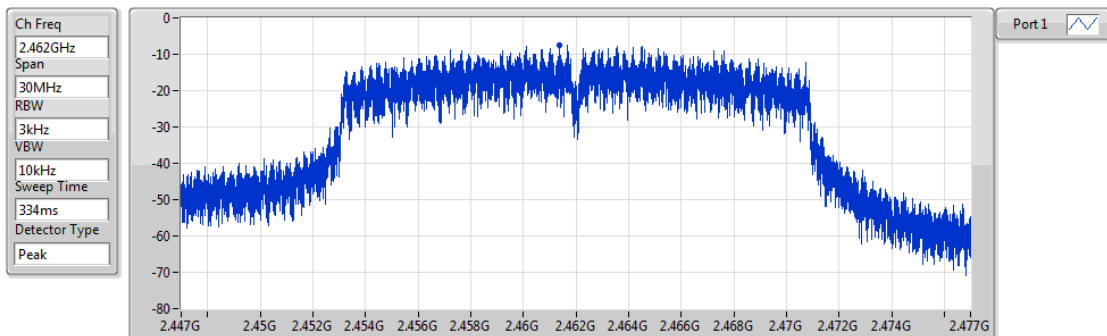
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.12	-8.12	-8.12

802.11n HT20_Nss1,(MCS0)_1TX

PSD

2462MHz

16/10/2018



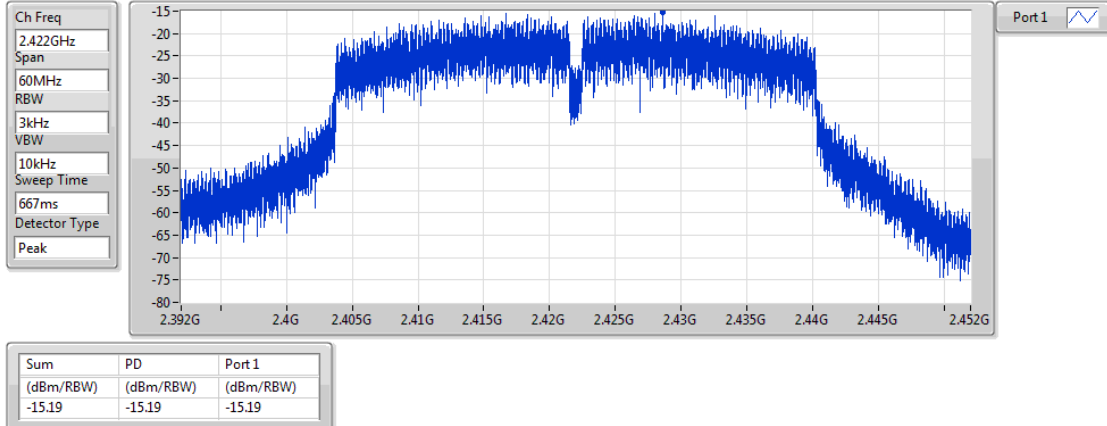
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.41	-7.41	-7.41

802.11n HT40_Nss1,(MCS0)_1TX

PSD

2422MHz

16/10/2018

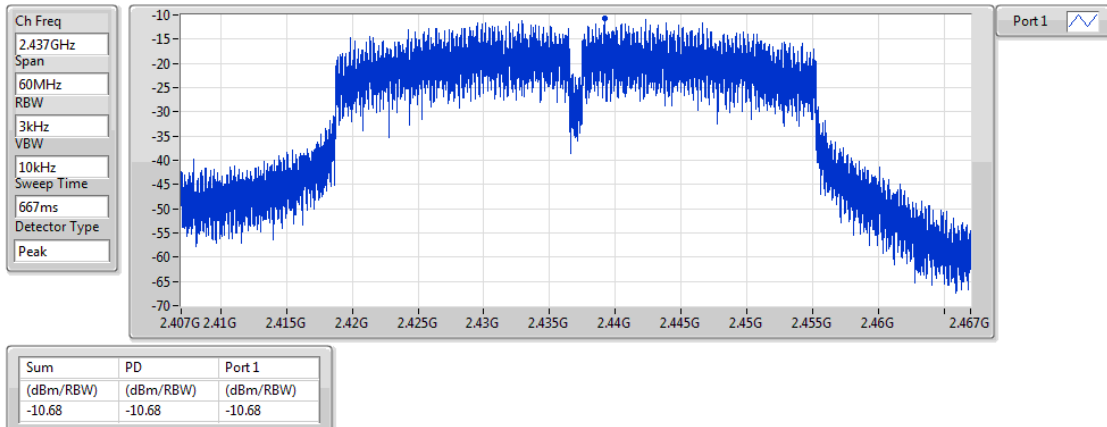


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2437MHz

16/10/2018

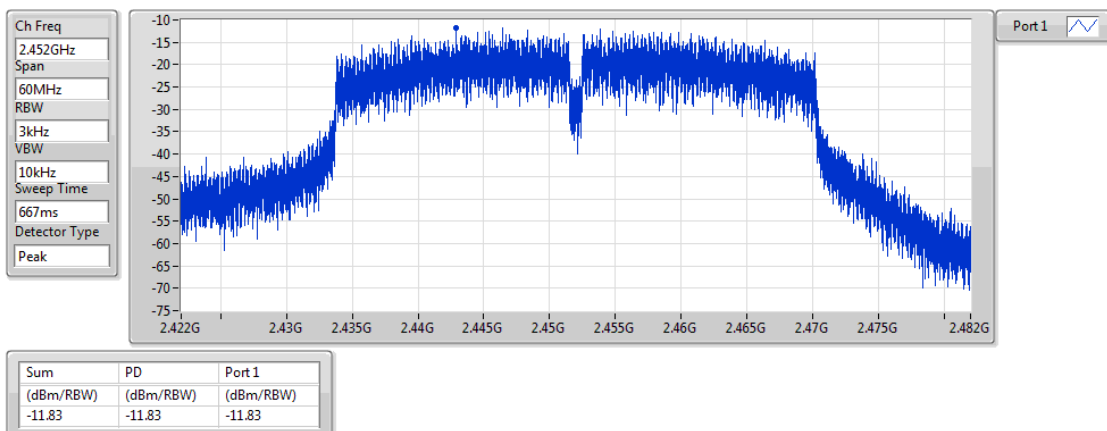


802.11n HT40_Nss1,(MCS0)_1TX

PSD

2452MHz

16/10/2018



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.461456G	6.26	-23.74	805.89M	-52.89	2.39808G	-40.83	2.49406G	-61.91	16.546026G	-54.52	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.438911G	5.40	-24.60	800.065M	-52.09	2.39856G	-25.10	2.49766G	-59.35	7.240755G	-53.70	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.461456G	4.32	-25.68	801.23M	-52.40	2.39984G	-26.19	2.4871G	-58.58	17.515326G	-55.00	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.433066G	1.38	-28.62	800.585M	-54.63	2.39872G	-29.01	2.48382G	-40.48	15.015758G	-54.98	1

Result

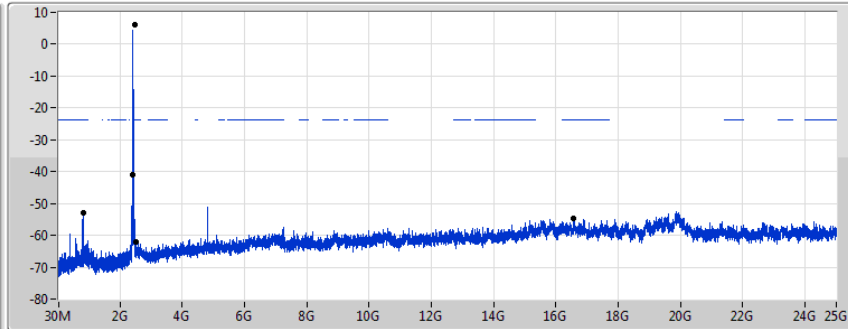
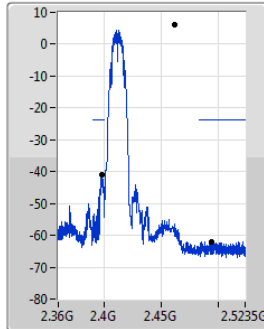
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.461456G	6.26	-23.74	805.89M	-52.89	2.39808G	-40.83	2.49406G	-61.91	16.546026G	-54.52	1
2437MHz_TnomVnom	Pass	2.461456G	6.26	-23.74	810.55M	-49.84	2.39912G	-53.71	2.48654G	-53.16	17.450706G	-54.28	1
2462MHz_TnomVnom	Pass	2.461456G	6.26	-23.74	816.375M	-52.52	2.394G	-61.96	2.4875G	-44.24	16.672457G	-54.82	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438911G	5.40	-24.60	800.065M	-52.09	2.39856G	-25.10	2.49766G	-59.35	7.240755G	-53.70	1
2437MHz_TnomVnom	Pass	2.438911G	5.40	-24.60	814.045M	-50.19	2.39616G	-50.02	2.48462G	-51.07	17.512516G	-54.77	1
2462MHz_TnomVnom	Pass	2.438911G	5.40	-24.60	822.2M	-50.76	2.39912G	-59.41	2.4847G	-42.91	17.442277G	-55.32	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.461456G	4.32	-25.68	801.23M	-52.40	2.39984G	-26.19	2.4871G	-58.58	17.515326G	-55.00	1
2437MHz_TnomVnom	Pass	2.461456G	4.32	-25.68	810.55M	-50.96	2.39928G	-49.13	2.4859G	-51.45	23.291786G	-54.27	1
2462MHz_TnomVnom	Pass	2.461456G	4.32	-25.68	819.87M	-50.47	2.39992G	-59.17	2.4839G	-41.93	17.599612G	-54.62	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.433066G	1.38	-28.62	392.965M	-58.50	2.39984G	-30.88	2.48446G	-56.13	17.59315G	-54.16	1
2437MHz_TnomVnom	Pass	2.433066G	1.38	-28.62	800.585M	-54.63	2.39872G	-29.01	2.48382G	-40.48	15.015758G	-54.98	1
2452MHz_TnomVnom	Pass	2.433066G	1.38	-28.62	810.89M	-55.75	2.39952G	-43.73	2.48542G	-38.14	16.552658G	-54.69	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2412MHz

16/10/2018



Port1 

RBW VBW
100kHz 300kHz
Detector Type
Peak

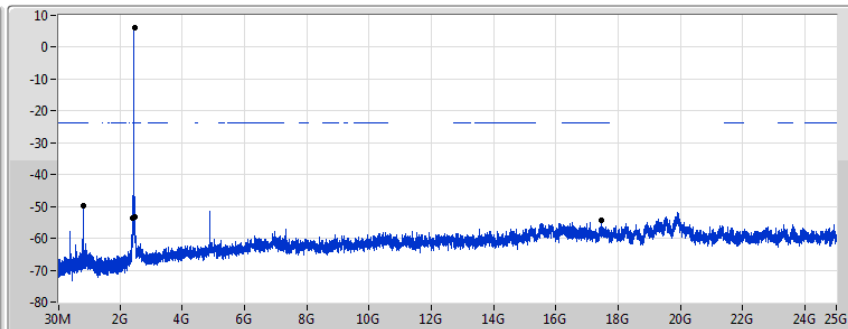
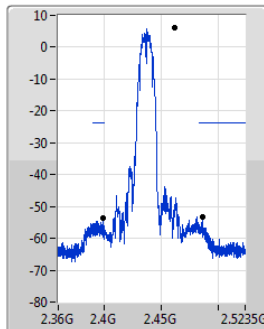
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	6.26	-23.74	805.89M	-52.89	2.39808G	-40.83	2.49406G	-61.91	16.546026G	-54.52	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2437MHz

16/10/2018



Port1 

RBW VBW
100kHz 300kHz
Detector Type
Peak

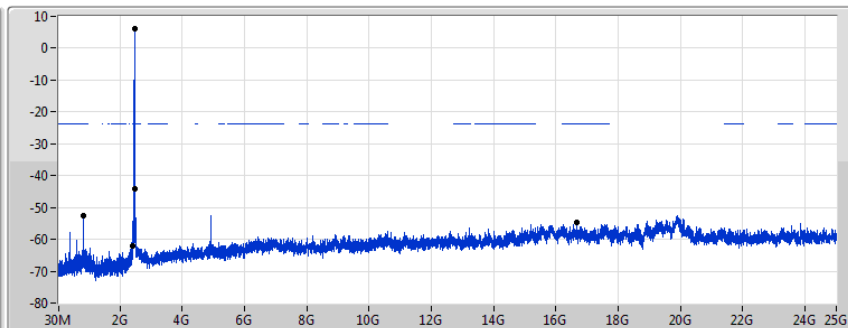
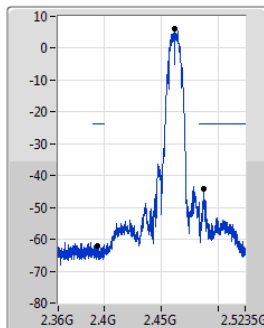
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	6.26	-23.74	810.55M	-49.84	2.39912G	-53.71	2.48654G	-53.16	17.450706G	-54.28	1

802.11b_Nss1,(1Mbps)_1TX

CSE NdB

2462MHz

16/10/2018



Port1 

RBW VBW
100kHz 300kHz
Detector Type
Peak

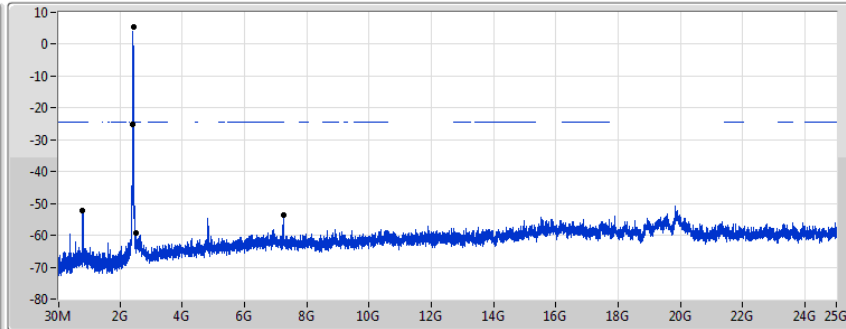
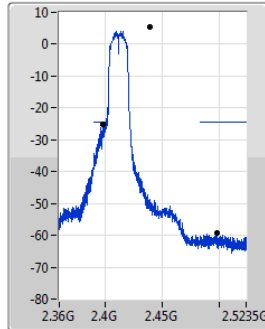
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	6.26	-23.74	816.375M	-52.52	2.394G	-61.96	2.4875G	-44.24	16.672457G	-54.82	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2412MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

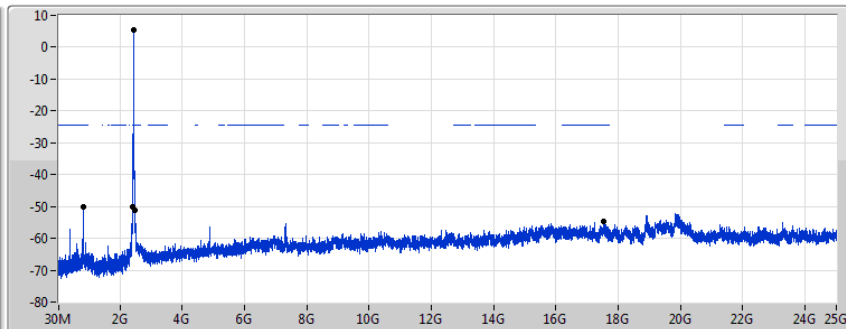
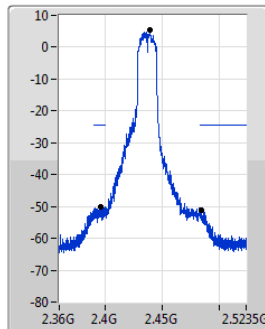
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	5.40	-24.60	800.065M	-52.09	2.39856G	-25.10	2.49766G	-59.35	7.240755G	-53.70	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2437MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

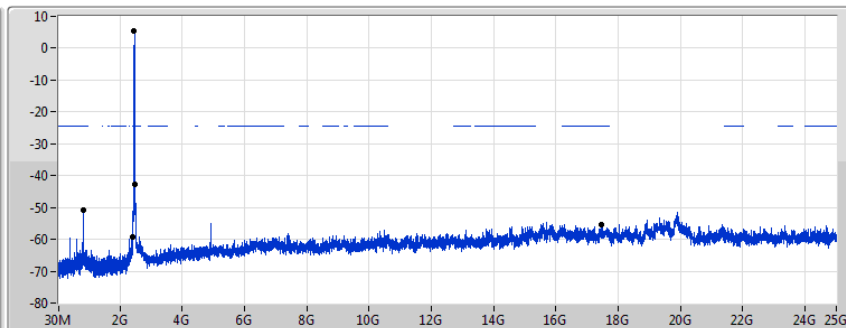
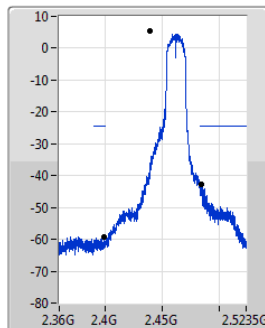
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	5.40	-24.60	814.045M	-50.19	2.39616G	-50.02	2.48462G	-51.07	17.512516G	-54.77	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2462MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

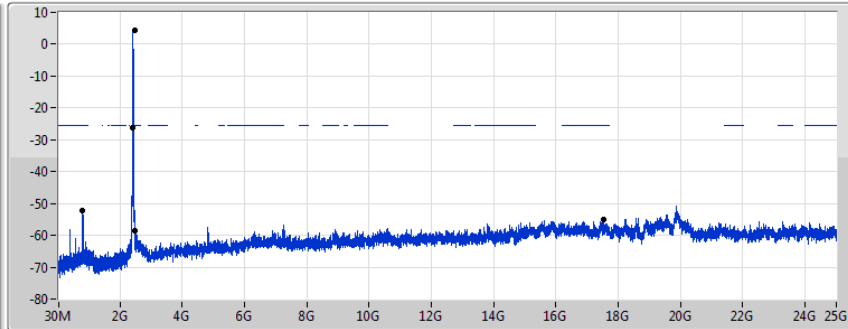
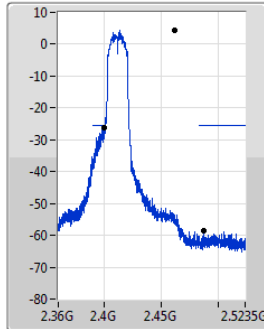
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438911G	5.40	-24.60	822.2M	-50.76	2.39912G	-59.41	2.4847G	-42.91	17.442277G	-55.32	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2412MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

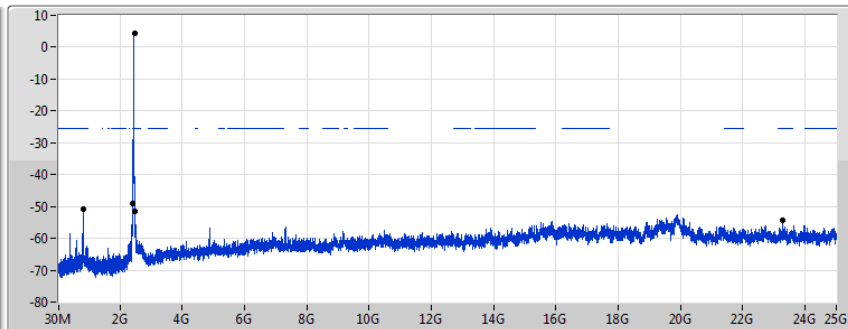
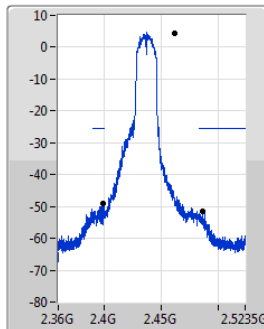
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	4.32	-25.68	801.23M	-52.40	2.39984G	-26.19	2.4871G	-58.58	17.515326G	-55.00	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

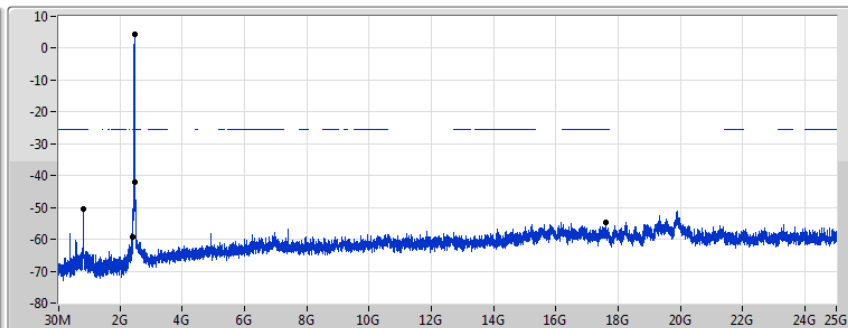
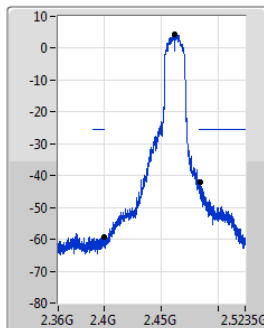
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	4.32	-25.68	810.55M	-50.96	2.39928G	-49.13	2.4859G	-51.45	23.291786G	-54.27	1

802.11n HT20_Nss1,(MCS0)_1TX

CSE NdB

2462MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

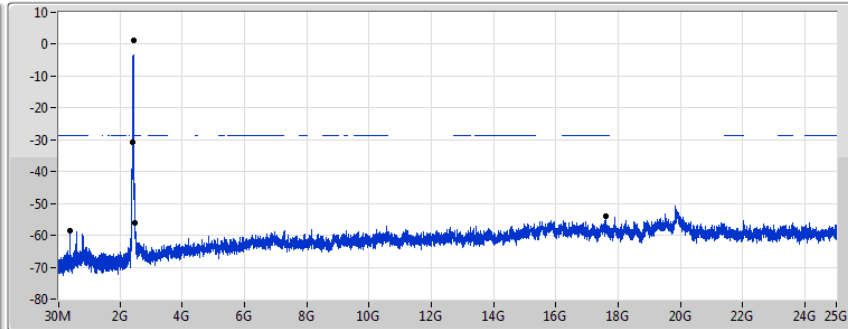
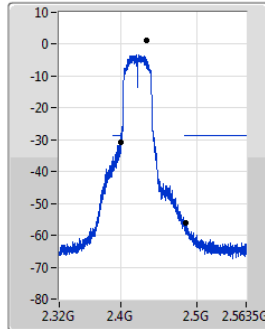
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.461456G	4.32	-25.68	819.87M	-50.47	2.39992G	-59.17	2.4839G	-41.93	17.599612G	-54.62	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2422MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

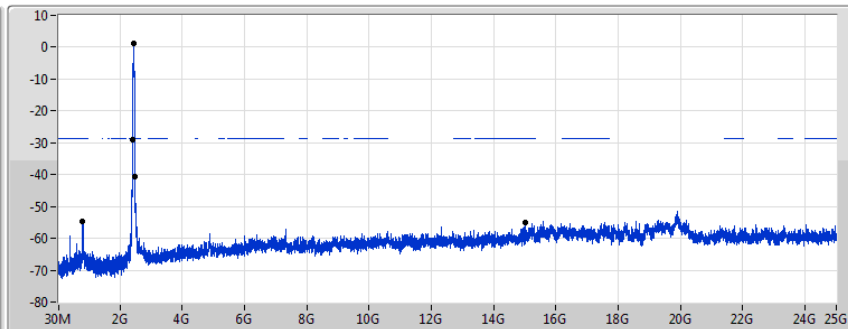
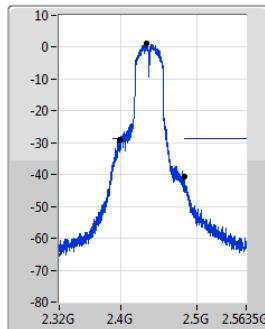
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433066G	1.38	-28.62	392.965M	-58.50	2.39984G	-30.88	2.48446G	-56.13	17.59315G	-54.16	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2437MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

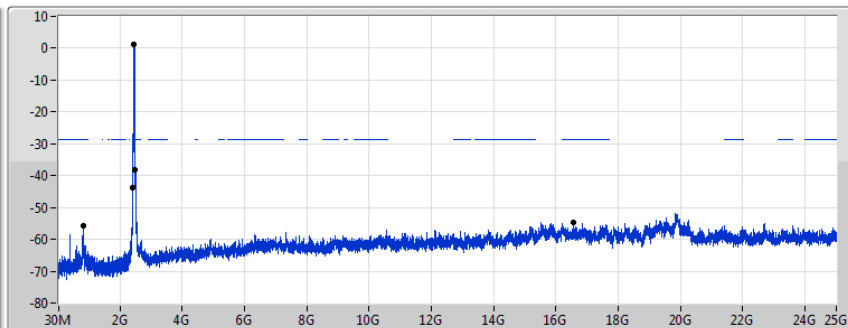
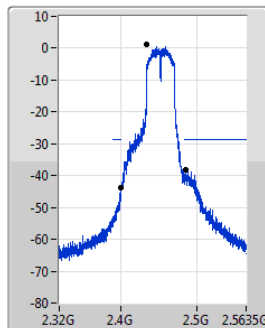
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433066G	1.38	-28.62	800.585M	-54.63	2.39872G	-29.01	2.48382G	-40.48	15.015758G	-54.98	1

802.11n HT40_Nss1,(MCS0)_1TX

CSE NdB

2452MHz

16/10/2018



Port1

RBW VSW
100kHz 300kHz
Detector Type
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433066G	1.38	-28.62	810.89M	-55.75	2.39952G	-43.73	2.48542G	-38.14	16.552658G	-54.69	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	158.04M	37.41	43.50	-6.09	-19.88	3	Horizontal	360	1.00	-

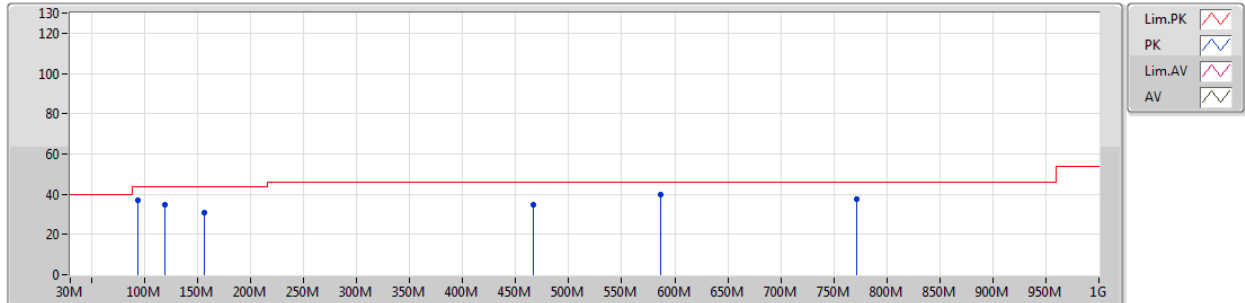
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	94.02M	37.07	43.50	-6.43	-21.90	3	Vertical	0	1.00	-
2437MHz	Pass	PK	119.24M	34.67	43.50	-8.83	-19.33	3	Vertical	0	1.00	-
2437MHz	Pass	PK	156.1M	30.77	43.50	-12.73	-19.78	3	Vertical	0	1.00	-
2437MHz	Pass	PK	466.5M	34.82	46.00	-11.18	-12.60	3	Vertical	0	1.00	-
2437MHz	Pass	PK	586.78M	39.55	46.00	-6.45	-10.97	3	Vertical	0	1.00	-
2437MHz	Pass	PK	771.08M	37.34	46.00	-8.66	-8.18	3	Vertical	0	1.00	-
2437MHz	Pass	PK	94.02M	32.56	43.50	-10.94	-21.90	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	158.04M	37.41	43.50	-6.09	-19.88	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	208.48M	31.59	43.50	-11.91	-20.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	464.56M	35.97	46.00	-10.03	-12.63	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	586.78M	35.45	46.00	-10.55	-10.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	771.08M	35.26	46.00	-10.74	-8.18	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

21/09/2018

2437MHz_Switching Power Supply

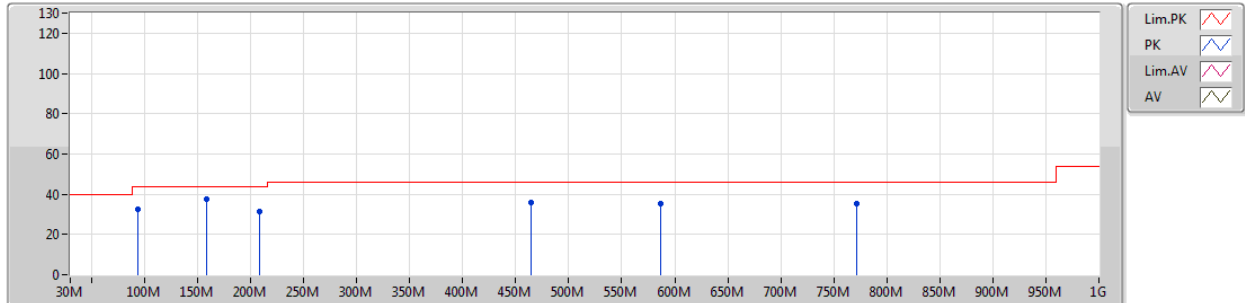


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	94.02M	37.07	43.50	-6.43	-21.90	3	Vertical	0	1.00	-
PK	119.24M	34.67	43.50	-8.83	-19.33	3	Vertical	0	1.00	-
PK	156.1M	30.77	43.50	-12.73	-19.78	3	Vertical	0	1.00	-
PK	466.5M	34.82	46.00	-11.18	-12.60	3	Vertical	0	1.00	-
PK	586.78M	39.55	46.00	-6.45	-10.97	3	Vertical	0	1.00	-
PK	771.08M	37.34	46.00	-8.66	-8.18	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

21/09/2018

2437MHz_Switching Power Supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	94.02M	32.56	43.50	-10.94	-21.90	3	Horizontal	360	1.00	-
PK	158.04M	37.41	43.50	-6.09	-19.88	3	Horizontal	360	1.00	-
PK	208.48M	31.59	43.50	-11.91	-20.97	3	Horizontal	360	1.00	-
PK	464.56M	35.97	46.00	-10.03	-12.63	3	Horizontal	360	1.00	-
PK	586.78M	35.45	46.00	-10.55	-10.97	3	Horizontal	360	1.00	-
PK	771.08M	35.26	46.00	-10.74	-8.18	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	4.92397G	53.64	54.00	-0.36	6.77	3	Vertical	189	2.51	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	53.64	54.00	-0.36	30.69	3	Vertical	268	3.09	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.89	54.00	-0.11	30.69	3	Horizontal	207	3.07	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.4835G	53.49	54.00	-0.51	30.69	3	Vertical	276	3.09	-

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	2.3852G	43.98	54.00	-10.02	30.67	3	Vertical	65	1.01	-
2412MHz	Pass	AV	2.4138G	98.04	Inf	-Inf	30.76	3	Vertical	65	1.01	-
2412MHz	Pass	PK	2.362G	55.43	74.00	-18.57	30.60	3	Vertical	65	1.01	-
2412MHz	Pass	PK	2.413G	102.01	Inf	-Inf	30.76	3	Vertical	65	1.01	-
2412MHz	Pass	AV	2.3852G	42.74	54.00	-11.26	30.67	3	Horizontal	154	2.56	-
2412MHz	Pass	AV	2.4112G	93.40	Inf	-Inf	30.76	3	Horizontal	154	2.56	-
2412MHz	Pass	PK	2.3706G	54.26	74.00	-19.74	30.63	3	Horizontal	154	2.56	-
2412MHz	Pass	PK	2.411G	97.28	Inf	-Inf	30.76	3	Horizontal	154	2.56	-
2412MHz	Pass	AV	4.82398G	53.24	54.00	-0.76	6.53	3	Vertical	213	1.99	-
2412MHz	Pass	PK	4.82392G	55.68	74.00	-18.32	6.53	3	Vertical	213	1.99	-
2412MHz	Pass	AV	4.82398G	46.29	54.00	-7.71	6.53	3	Horizontal	144	1.04	-
2412MHz	Pass	PK	4.82398G	51.53	74.00	-22.47	6.53	3	Horizontal	144	1.04	-
2417MHz	Pass	AV	2.3888G	44.68	54.00	-9.32	30.77	3	Vertical	318	2.88	-
2417MHz	Pass	AV	2.4162G	98.14	Inf	-Inf	30.87	3	Vertical	318	2.88	-
2417MHz	Pass	PK	2.3852G	55.80	74.00	-18.20	30.76	3	Vertical	318	2.88	-
2417MHz	Pass	PK	2.4178G	99.99	Inf	-Inf	30.87	3	Vertical	318	2.88	-
2417MHz	Pass	AV	2.3802G	44.43	54.00	-9.57	30.74	3	Horizontal	178	3.09	-
2417MHz	Pass	AV	2.4162G	91.29	Inf	-Inf	30.87	3	Horizontal	178	3.09	-
2417MHz	Pass	PK	2.3722G	54.87	74.00	-19.13	30.71	3	Horizontal	178	3.09	-
2417MHz	Pass	PK	2.4162G	93.09	Inf	-Inf	30.87	3	Horizontal	178	3.09	-
2437MHz	Pass	AV	2.3898G	42.81	54.00	-11.19	30.69	3	Vertical	67	1.12	-
2437MHz	Pass	AV	2.4386G	97.69	Inf	-Inf	30.83	3	Vertical	67	1.12	-
2437MHz	Pass	AV	2.4835G	43.25	54.00	-10.75	30.97	3	Vertical	67	1.12	-
2437MHz	Pass	PK	2.3802G	53.77	74.00	-20.23	30.66	3	Vertical	67	1.12	-
2437MHz	Pass	PK	2.4378G	101.60	Inf	-Inf	30.83	3	Vertical	67	1.12	-
2437MHz	Pass	PK	2.491G	54.74	74.00	-19.26	30.99	3	Vertical	67	1.12	-
2437MHz	Pass	AV	2.3898G	42.45	54.00	-11.55	30.69	3	Horizontal	157	2.39	-
2437MHz	Pass	AV	2.4362G	94.80	Inf	-Inf	30.83	3	Horizontal	157	2.39	-
2437MHz	Pass	AV	2.4842G	43.01	54.00	-10.99	30.97	3	Horizontal	157	2.39	-
2437MHz	Pass	PK	2.339G	54.45	74.00	-19.55	30.53	3	Horizontal	157	2.39	-
2437MHz	Pass	PK	2.4378G	98.70	Inf	-Inf	30.83	3	Horizontal	157	2.39	-
2437MHz	Pass	PK	2.4882G	54.12	74.00	-19.88	30.98	3	Horizontal	157	2.39	-
2437MHz	Pass	AV	4.874G	53.58	54.00	-0.42	6.65	3	Vertical	212	1.46	-
2437MHz	Pass	PK	4.87406G	55.96	74.00	-18.04	6.65	3	Vertical	212	1.46	-
2437MHz	Pass	AV	4.874G	48.87	54.00	-5.13	6.65	3	Horizontal	145	1.01	-
2437MHz	Pass	PK	4.87409G	51.54	74.00	-22.46	6.65	3	Horizontal	145	1.01	-
2462MHz	Pass	AV	2.4602G	97.10	Inf	-Inf	30.89	3	Vertical	62	1.01	-
2462MHz	Pass	AV	2.4835G	44.79	54.00	-9.21	30.97	3	Vertical	62	1.01	-
2462MHz	Pass	PK	2.461G	101.01	Inf	-Inf	30.90	3	Vertical	62	1.01	-
2462MHz	Pass	PK	2.4846G	55.76	74.00	-18.24	30.97	3	Vertical	62	1.01	-
2462MHz	Pass	AV	2.4612G	87.82	Inf	-Inf	30.90	3	Horizontal	169	1.50	-
2462MHz	Pass	AV	2.5G	42.96	54.00	-11.04	31.02	3	Horizontal	169	1.50	-
2462MHz	Pass	PK	2.463G	91.68	Inf	-Inf	30.90	3	Horizontal	169	1.50	-
2462MHz	Pass	PK	2.4874G	54.31	74.00	-19.69	30.98	3	Horizontal	169	1.50	-
2462MHz	Pass	AV	4.92397G	53.64	54.00	-0.36	6.77	3	Vertical	189	2.51	-
2462MHz	Pass	PK	4.92392G	56.17	74.00	-17.83	6.77	3	Vertical	189	2.51	-
2462MHz	Pass	AV	4.92397G	47.01	54.00	-6.99	6.77	3	Horizontal	141	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	4.92395G	51.60	74.00	-22.40	6.77	3	Horizontal	141	1.01	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.16	54.00	-1.84	30.69	3	Vertical	64	1.01	-
2412MHz	Pass	AV	2.4134G	97.55	Inf	-Inf	30.76	3	Vertical	64	1.01	-
2412MHz	Pass	PK	2.3898G	67.36	74.00	-6.64	30.69	3	Vertical	64	1.01	-
2412MHz	Pass	PK	2.412G	108.88	Inf	-Inf	30.76	3	Vertical	64	1.01	-
2412MHz	Pass	AV	2.39G	46.40	54.00	-7.60	30.69	3	Horizontal	161	2.09	-
2412MHz	Pass	AV	2.4134G	91.35	Inf	-Inf	30.76	3	Horizontal	161	2.09	-
2412MHz	Pass	PK	2.39G	60.28	74.00	-13.72	30.69	3	Horizontal	161	2.09	-
2412MHz	Pass	PK	2.4122G	102.04	Inf	-Inf	30.76	3	Horizontal	161	2.09	-
2412MHz	Pass	AV	4.82286G	48.15	54.00	-5.85	5.89	3	Vertical	298	2.47	-
2412MHz	Pass	PK	4.8261G	62.96	74.00	-11.04	5.90	3	Vertical	298	2.47	-
2412MHz	Pass	AV	4.82376G	43.38	54.00	-10.62	5.89	3	Horizontal	171	2.55	-
2412MHz	Pass	PK	4.8264G	58.29	74.00	-15.71	5.90	3	Horizontal	171	2.55	-
2417MHz	Pass	AV	2.39G	53.35	54.00	-0.65	30.38	3	Vertical	214	2.49	-
2417MHz	Pass	AV	2.4154G	99.91	Inf	-Inf	30.47	3	Vertical	214	2.49	-
2417MHz	Pass	PK	2.3896G	69.10	74.00	-4.90	30.38	3	Vertical	214	2.49	-
2417MHz	Pass	PK	2.4154G	111.01	Inf	-Inf	30.47	3	Vertical	214	2.49	-
2417MHz	Pass	AV	2.39G	45.26	54.00	-8.74	30.38	3	Horizontal	17	1.50	-
2417MHz	Pass	AV	2.416G	91.45	Inf	-Inf	30.47	3	Horizontal	17	1.50	-
2417MHz	Pass	PK	2.39G	59.47	74.00	-14.53	30.38	3	Horizontal	17	1.50	-
2417MHz	Pass	PK	2.4154G	102.36	Inf	-Inf	30.47	3	Horizontal	17	1.50	-
2422MHz	Pass	AV	2.39G	53.61	54.00	-0.39	30.38	3	Vertical	278	2.89	-
2422MHz	Pass	AV	2.4206G	102.14	Inf	-Inf	30.48	3	Vertical	278	2.89	-
2422MHz	Pass	PK	2.39G	69.30	74.00	-4.70	30.38	3	Vertical	278	2.89	-
2422MHz	Pass	PK	2.4206G	112.87	Inf	-Inf	30.48	3	Vertical	278	2.89	-
2422MHz	Pass	AV	2.39G	45.32	54.00	-8.68	30.38	3	Horizontal	19	2.20	-
2422MHz	Pass	AV	2.4214G	92.98	Inf	-Inf	30.48	3	Horizontal	19	2.20	-
2422MHz	Pass	PK	2.3894G	59.07	74.00	-14.93	30.37	3	Horizontal	19	2.20	-
2422MHz	Pass	PK	2.4202G	103.35	Inf	-Inf	30.48	3	Horizontal	19	2.20	-
2427MHz	Pass	AV	2.39G	52.95	54.00	-1.05	30.38	3	Vertical	292	2.92	-
2427MHz	Pass	AV	2.4254G	104.40	Inf	-Inf	30.50	3	Vertical	292	2.92	-
2427MHz	Pass	PK	2.3878G	69.13	74.00	-4.87	30.37	3	Vertical	292	2.92	-
2427MHz	Pass	PK	2.4288G	115.82	Inf	-Inf	30.51	3	Vertical	292	2.92	-
2427MHz	Pass	AV	2.39G	46.08	54.00	-7.92	30.38	3	Horizontal	179	3.00	-
2427MHz	Pass	AV	2.426G	96.34	Inf	-Inf	30.50	3	Horizontal	179	3.00	-
2427MHz	Pass	PK	2.3898G	60.72	74.00	-13.28	30.38	3	Horizontal	179	3.00	-
2427MHz	Pass	PK	2.4256G	106.82	Inf	-Inf	30.50	3	Horizontal	179	3.00	-
2432MHz	Pass	AV	2.39G	52.10	54.00	-1.90	30.38	3	Vertical	272	2.78	-
2432MHz	Pass	AV	2.4346G	104.49	Inf	-Inf	30.52	3	Vertical	272	2.78	-
2432MHz	Pass	PK	2.3894G	68.29	74.00	-5.71	30.37	3	Vertical	272	2.78	-
2432MHz	Pass	PK	2.431G	115.20	Inf	-Inf	30.51	3	Vertical	272	2.78	-
2432MHz	Pass	AV	2.3898G	43.88	54.00	-10.12	30.38	3	Horizontal	15	1.52	-
2432MHz	Pass	AV	2.43G	93.41	Inf	-Inf	30.51	3	Horizontal	15	1.52	-
2432MHz	Pass	PK	2.3886G	56.62	74.00	-17.38	30.37	3	Horizontal	15	1.52	-
2432MHz	Pass	PK	2.4334G	103.69	Inf	-Inf	30.52	3	Horizontal	15	1.52	-
2437MHz	Pass	AV	2.3898G	50.76	54.00	-3.24	30.69	3	Vertical	66	1.10	-
2437MHz	Pass	AV	2.4382G	103.54	Inf	-Inf	30.83	3	Vertical	66	1.10	-
2437MHz	Pass	AV	2.4835G	46.24	54.00	-7.76	30.97	3	Vertical	66	1.10	-

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	2.3898G	67.24	74.00	-6.76	30.69	3	Vertical	66	1.10	-
2437MHz	Pass	PK	2.4362G	114.44	Inf	-Inf	30.83	3	Vertical	66	1.10	-
2437MHz	Pass	PK	2.4835G	61.43	74.00	-12.57	30.97	3	Vertical	66	1.10	-
2437MHz	Pass	AV	2.3898G	48.32	54.00	-5.68	30.69	3	Horizontal	158	2.39	-
2437MHz	Pass	AV	2.4358G	98.27	Inf	-Inf	30.83	3	Horizontal	158	2.39	-
2437MHz	Pass	AV	2.4835G	43.90	54.00	-10.10	30.97	3	Horizontal	158	2.39	-
2437MHz	Pass	PK	2.389G	65.76	74.00	-8.24	30.68	3	Horizontal	158	2.39	-
2437MHz	Pass	PK	2.4362G	109.11	Inf	-Inf	30.83	3	Horizontal	158	2.39	-
2437MHz	Pass	PK	2.4846G	56.25	74.00	-17.75	30.97	3	Horizontal	158	2.39	-
2437MHz	Pass	AV	4.8746G	51.25	54.00	-2.75	6.00	3	Vertical	35	1.05	-
2437MHz	Pass	PK	4.87448G	65.32	74.00	-8.68	6.00	3	Vertical	35	1.05	-
2437MHz	Pass	AV	4.8734G	46.55	54.00	-7.45	6.00	3	Horizontal	172	2.29	-
2437MHz	Pass	PK	4.87394G	59.76	74.00	-14.24	6.00	3	Horizontal	172	2.29	-
2442MHz	Pass	AV	2.39G	47.82	54.00	-6.18	30.77	3	Vertical	310	2.81	-
2442MHz	Pass	AV	2.4432G	107.80	Inf	-Inf	30.96	3	Vertical	310	2.81	-
2442MHz	Pass	AV	2.4835G	51.41	54.00	-2.59	31.11	3	Vertical	310	2.81	-
2442MHz	Pass	PK	2.3896G	59.08	74.00	-14.92	30.77	3	Vertical	310	2.81	-
2442MHz	Pass	PK	2.4444G	115.78	Inf	-Inf	30.97	3	Vertical	310	2.81	-
2442MHz	Pass	PK	2.484G	64.51	74.00	-9.49	31.12	3	Vertical	310	2.81	-
2442MHz	Pass	AV	2.39G	44.74	54.00	-9.26	30.77	3	Horizontal	173	2.99	-
2442MHz	Pass	AV	2.4432G	101.36	Inf	-Inf	30.96	3	Horizontal	173	2.99	-
2442MHz	Pass	AV	2.4835G	47.08	54.00	-6.92	31.11	3	Horizontal	173	2.99	-
2442MHz	Pass	PK	2.3792G	55.62	74.00	-18.38	30.74	3	Horizontal	173	2.99	-
2442MHz	Pass	PK	2.4436G	109.52	Inf	-Inf	30.96	3	Horizontal	173	2.99	-
2442MHz	Pass	PK	2.4835G	57.61	74.00	-16.39	31.11	3	Horizontal	173	2.99	-
2447MHz	Pass	AV	2.3898G	45.94	54.00	-8.06	30.77	3	Vertical	310	2.86	-
2447MHz	Pass	AV	2.4482G	107.59	Inf	-Inf	30.98	3	Vertical	310	2.86	-
2447MHz	Pass	AV	2.4835G	53.51	54.00	-0.49	31.11	3	Vertical	310	2.86	-
2447MHz	Pass	PK	2.3866G	56.79	74.00	-17.21	30.76	3	Vertical	310	2.86	-
2447MHz	Pass	PK	2.449G	115.56	Inf	-Inf	30.99	3	Vertical	310	2.86	-
2447MHz	Pass	PK	2.4835G	65.57	74.00	-8.43	31.11	3	Vertical	310	2.86	-
2447MHz	Pass	AV	2.3898G	44.52	54.00	-9.48	30.77	3	Horizontal	174	3.01	-
2447MHz	Pass	AV	2.4486G	101.29	Inf	-Inf	30.99	3	Horizontal	174	3.01	-
2447MHz	Pass	AV	2.4835G	47.67	54.00	-6.33	31.11	3	Horizontal	174	3.01	-
2447MHz	Pass	PK	2.389G	55.59	74.00	-18.41	30.77	3	Horizontal	174	3.01	-
2447MHz	Pass	PK	2.4494G	109.13	Inf	-Inf	30.99	3	Horizontal	174	3.01	-
2447MHz	Pass	PK	2.4838G	57.97	74.00	-16.03	31.11	3	Horizontal	174	3.01	-
2452MHz	Pass	AV	2.454G	103.15	Inf	-Inf	30.59	3	Vertical	149	1.01	-
2452MHz	Pass	AV	2.4835G	52.31	54.00	-1.69	30.69	3	Vertical	149	1.01	-
2452MHz	Pass	PK	2.4538G	113.68	Inf	-Inf	30.59	3	Vertical	149	1.01	-
2452MHz	Pass	PK	2.4836G	66.47	74.00	-7.53	30.69	3	Vertical	149	1.01	-
2452MHz	Pass	AV	2.4534G	95.14	Inf	-Inf	30.59	3	Horizontal	26	2.15	-
2452MHz	Pass	AV	2.4835G	45.25	54.00	-8.75	30.69	3	Horizontal	26	2.15	-
2452MHz	Pass	PK	2.4538G	105.68	Inf	-Inf	30.59	3	Horizontal	26	2.15	-
2452MHz	Pass	PK	2.4835G	57.40	74.00	-16.60	30.69	3	Horizontal	26	2.15	-
2457MHz	Pass	AV	2.4586G	102.49	Inf	-Inf	30.61	3	Vertical	268	3.09	-
2457MHz	Pass	AV	2.4835G	53.64	54.00	-0.36	30.69	3	Vertical	268	3.09	-
2457MHz	Pass	PK	2.4602G	113.11	Inf	-Inf	30.61	3	Vertical	268	3.09	-
2457MHz	Pass	PK	2.4836G	67.30	74.00	-6.70	30.69	3	Vertical	268	3.09	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4584G	94.64	Inf	-Inf	30.61	3	Horizontal	30	2.18	-
2457MHz	Pass	AV	2.4835G	45.90	54.00	-8.10	30.69	3	Horizontal	30	2.18	-
2457MHz	Pass	PK	2.4546G	105.17	Inf	-Inf	30.59	3	Horizontal	30	2.18	-
2457MHz	Pass	PK	2.4835G	58.77	74.00	-15.23	30.69	3	Horizontal	30	2.18	-
2462MHz	Pass	AV	2.461G	97.80	Inf	-Inf	30.90	3	Vertical	82	1.12	-
2462MHz	Pass	AV	2.4835G	51.05	54.00	-2.95	30.97	3	Vertical	82	1.12	-
2462MHz	Pass	PK	2.4598G	109.51	Inf	-Inf	30.89	3	Vertical	82	1.12	-
2462MHz	Pass	PK	2.4835G	64.16	74.00	-9.84	30.97	3	Vertical	82	1.12	-
2462MHz	Pass	AV	2.4608G	90.95	Inf	-Inf	30.90	3	Horizontal	167	1.19	-
2462MHz	Pass	AV	2.4835G	44.82	54.00	-9.18	30.97	3	Horizontal	167	1.19	-
2462MHz	Pass	PK	2.4632G	101.58	Inf	-Inf	30.90	3	Horizontal	167	1.19	-
2462MHz	Pass	PK	2.4835G	56.66	74.00	-17.34	30.97	3	Horizontal	167	1.19	-
2462MHz	Pass	AV	4.92376G	44.31	54.00	-9.69	6.09	3	Vertical	126	1.86	-
2462MHz	Pass	PK	4.92436G	59.20	74.00	-14.80	6.09	3	Vertical	126	1.86	-
2462MHz	Pass	AV	4.9249G	44.38	54.00	-9.62	6.09	3	Horizontal	172	2.52	-
2462MHz	Pass	PK	4.92574G	58.30	74.00	-15.70	6.10	3	Horizontal	172	2.52	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.61	54.00	-1.39	30.38	3	Vertical	216	2.51	-
2412MHz	Pass	AV	2.4132G	96.98	Inf	-Inf	30.45	3	Vertical	216	2.51	-
2412MHz	Pass	PK	2.39G	66.25	74.00	-7.75	30.38	3	Vertical	216	2.51	-
2412MHz	Pass	PK	2.4116G	107.73	Inf	-Inf	30.45	3	Vertical	216	2.51	-
2412MHz	Pass	AV	2.39G	45.58	54.00	-8.42	30.38	3	Horizontal	32	3.06	-
2412MHz	Pass	AV	2.414G	90.02	Inf	-Inf	30.45	3	Horizontal	32	3.06	-
2412MHz	Pass	PK	2.3898G	57.83	74.00	-16.17	30.38	3	Horizontal	32	3.06	-
2412MHz	Pass	PK	2.4154G	101.42	Inf	-Inf	30.47	3	Horizontal	32	3.06	-
2412MHz	Pass	AV	4.8246G	42.05	54.00	-11.95	5.89	3	Vertical	167	1.33	-
2412MHz	Pass	PK	4.82376G	57.10	74.00	-16.90	5.89	3	Vertical	167	1.33	-
2412MHz	Pass	AV	4.82454G	41.79	54.00	-12.21	5.89	3	Horizontal	178	2.23	-
2412MHz	Pass	PK	4.82544G	56.66	74.00	-17.34	5.90	3	Horizontal	178	2.23	-
2417MHz	Pass	AV	2.39G	53.63	54.00	-0.37	30.77	3	Vertical	31	2.95	-
2417MHz	Pass	AV	2.4188G	100.23	Inf	-Inf	30.88	3	Vertical	31	2.95	-
2417MHz	Pass	PK	2.39G	67.90	74.00	-6.10	30.77	3	Vertical	31	2.95	-
2417MHz	Pass	PK	2.42G	108.47	Inf	-Inf	30.89	3	Vertical	31	2.95	-
2417MHz	Pass	AV	2.39G	48.56	54.00	-5.44	30.77	3	Horizontal	173	3.09	-
2417MHz	Pass	AV	2.4154G	95.84	Inf	-Inf	30.86	3	Horizontal	173	3.09	-
2417MHz	Pass	PK	2.3896G	60.45	74.00	-13.55	30.77	3	Horizontal	173	3.09	-
2417MHz	Pass	PK	2.4148G	104.05	Inf	-Inf	30.86	3	Horizontal	173	3.09	-
2422MHz	Pass	AV	2.39G	53.65	54.00	-0.35	30.77	3	Vertical	31	2.64	-
2422MHz	Pass	AV	2.4208G	102.72	Inf	-Inf	30.89	3	Vertical	31	2.64	-
2422MHz	Pass	PK	2.3892G	66.40	74.00	-7.60	30.77	3	Vertical	31	2.64	-
2422MHz	Pass	PK	2.4198G	111.06	Inf	-Inf	30.89	3	Vertical	31	2.64	-
2422MHz	Pass	AV	2.39G	48.22	54.00	-5.78	30.77	3	Horizontal	173	3.05	-
2422MHz	Pass	AV	2.4234G	97.50	Inf	-Inf	30.90	3	Horizontal	173	3.05	-
2422MHz	Pass	PK	2.3896G	60.33	74.00	-13.67	30.77	3	Horizontal	173	3.05	-
2422MHz	Pass	PK	2.4204G	106.18	Inf	-Inf	30.89	3	Horizontal	173	3.05	-
2427MHz	Pass	AV	2.3898G	52.40	54.00	-1.60	30.77	3	Vertical	31	2.63	-
2427MHz	Pass	AV	2.4286G	103.79	Inf	-Inf	30.91	3	Vertical	31	2.63	-
2427MHz	Pass	AV	2.4835G	45.71	54.00	-8.29	31.11	3	Vertical	31	2.63	-
2427MHz	Pass	PK	2.3898G	63.80	74.00	-10.20	30.77	3	Vertical	31	2.63	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	PK	2.425G	111.95	Inf	-Inf	30.90	3	Vertical	31	2.63	-
2427MHz	Pass	PK	2.4886G	56.41	74.00	-17.59	31.13	3	Vertical	31	2.63	-
2427MHz	Pass	AV	2.3898G	47.55	54.00	-6.45	30.77	3	Horizontal	174	3.05	-
2427MHz	Pass	AV	2.4282G	98.95	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
2427MHz	Pass	AV	2.4998G	45.23	54.00	-8.77	31.17	3	Horizontal	174	3.05	-
2427MHz	Pass	PK	2.3898G	60.26	74.00	-13.74	30.77	3	Horizontal	174	3.05	-
2427MHz	Pass	PK	2.4282G	106.68	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
2427MHz	Pass	PK	2.497G	55.57	74.00	-18.43	31.16	3	Horizontal	174	3.05	-
2432MHz	Pass	AV	2.39G	52.07	54.00	-1.93	30.77	3	Vertical	34	2.63	-
2432MHz	Pass	AV	2.4332G	104.63	Inf	-Inf	30.93	3	Vertical	34	2.63	-
2432MHz	Pass	AV	2.4835G	46.22	54.00	-7.78	31.11	3	Vertical	34	2.63	-
2432MHz	Pass	PK	2.39G	64.13	74.00	-9.87	30.77	3	Vertical	34	2.63	-
2432MHz	Pass	PK	2.4304G	112.56	Inf	-Inf	30.92	3	Vertical	34	2.63	-
2432MHz	Pass	PK	2.4835G	57.20	74.00	-16.80	31.11	3	Vertical	34	2.63	-
2432MHz	Pass	AV	2.39G	47.61	54.00	-6.39	30.77	3	Horizontal	174	3.05	-
2432MHz	Pass	AV	2.4308G	100.00	Inf	-Inf	30.92	3	Horizontal	174	3.05	-
2432MHz	Pass	AV	2.494G	45.27	54.00	-8.73	31.15	3	Horizontal	174	3.05	-
2432MHz	Pass	PK	2.39G	59.35	74.00	-14.65	30.77	3	Horizontal	174	3.05	-
2432MHz	Pass	PK	2.4296G	107.95	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
2432MHz	Pass	PK	2.4928G	56.52	74.00	-17.48	31.14	3	Horizontal	174	3.05	-
2437MHz	Pass	AV	2.3898G	52.73	54.00	-1.27	30.38	3	Vertical	273	2.82	-
2437MHz	Pass	AV	2.4382G	105.20	Inf	-Inf	30.54	3	Vertical	273	2.82	-
2437MHz	Pass	AV	2.4835G	49.18	54.00	-4.82	30.69	3	Vertical	273	2.82	-
2437MHz	Pass	PK	2.3898G	69.31	74.00	-4.69	30.38	3	Vertical	273	2.82	-
2437MHz	Pass	PK	2.4374G	115.90	Inf	-Inf	30.54	3	Vertical	273	2.82	-
2437MHz	Pass	PK	2.4835G	64.10	74.00	-9.90	30.69	3	Vertical	273	2.82	-
2437MHz	Pass	AV	2.3898G	45.09	54.00	-8.91	30.38	3	Horizontal	213	1.01	-
2437MHz	Pass	AV	2.4386G	96.58	Inf	-Inf	30.54	3	Horizontal	213	1.01	-
2437MHz	Pass	AV	2.4838G	44.03	54.00	-9.97	30.69	3	Horizontal	213	1.01	-
2437MHz	Pass	PK	2.3882G	58.66	74.00	-15.34	30.37	3	Horizontal	213	1.01	-
2437MHz	Pass	PK	2.4362G	107.68	Inf	-Inf	30.54	3	Horizontal	213	1.01	-
2437MHz	Pass	PK	2.485G	56.29	74.00	-17.71	30.69	3	Horizontal	213	1.01	-
2437MHz	Pass	AV	4.87472G	49.69	54.00	-4.31	6.00	3	Vertical	293	2.22	-
2437MHz	Pass	PK	4.8746G	62.75	74.00	-11.25	6.00	3	Vertical	293	2.22	-
2437MHz	Pass	AV	4.87478G	47.29	54.00	-6.71	6.00	3	Horizontal	171	2.45	-
2437MHz	Pass	PK	4.87448G	60.67	74.00	-13.33	6.00	3	Horizontal	171	2.45	-
2442MHz	Pass	AV	2.39G	48.86	54.00	-5.14	30.77	3	Vertical	35	2.57	-
2442MHz	Pass	AV	2.4432G	106.50	Inf	-Inf	30.96	3	Vertical	35	2.57	-
2442MHz	Pass	AV	2.4835G	52.68	54.00	-1.32	31.11	3	Vertical	35	2.57	-
2442MHz	Pass	PK	2.3892G	62.40	74.00	-11.60	30.77	3	Vertical	35	2.57	-
2442MHz	Pass	PK	2.4432G	114.57	Inf	-Inf	30.96	3	Vertical	35	2.57	-
2442MHz	Pass	PK	2.4848G	66.53	74.00	-7.47	31.12	3	Vertical	35	2.57	-
2442MHz	Pass	AV	2.39G	45.12	54.00	-8.88	30.77	3	Horizontal	176	3.00	-
2442MHz	Pass	AV	2.4428G	101.61	Inf	-Inf	30.96	3	Horizontal	176	3.00	-
2442MHz	Pass	AV	2.4835G	48.56	54.00	-5.44	31.11	3	Horizontal	176	3.00	-
2442MHz	Pass	PK	2.39G	55.78	74.00	-18.22	30.77	3	Horizontal	176	3.00	-
2442MHz	Pass	PK	2.44G	109.51	Inf	-Inf	30.95	3	Horizontal	176	3.00	-
2442MHz	Pass	PK	2.4844G	59.47	74.00	-14.53	31.12	3	Horizontal	176	3.00	-
2447MHz	Pass	AV	2.3898G	45.14	54.00	-8.86	30.77	3	Vertical	315	2.79	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	AV	2.4486G	106.87	Inf	-Inf	30.99	3	Vertical	315	2.79	-
2447MHz	Pass	AV	2.4835G	52.24	54.00	-1.76	31.11	3	Vertical	315	2.79	-
2447MHz	Pass	PK	2.381G	55.97	74.00	-18.03	30.75	3	Vertical	315	2.79	-
2447MHz	Pass	PK	2.445G	114.99	Inf	-Inf	30.98	3	Vertical	315	2.79	-
2447MHz	Pass	PK	2.4835G	63.92	74.00	-10.08	31.11	3	Vertical	315	2.79	-
2447MHz	Pass	AV	2.3894G	44.49	54.00	-9.51	30.77	3	Horizontal	177	3.01	-
2447MHz	Pass	AV	2.4486G	100.40	Inf	-Inf	30.99	3	Horizontal	177	3.01	-
2447MHz	Pass	AV	2.4835G	46.96	54.00	-7.04	31.11	3	Horizontal	177	3.01	-
2447MHz	Pass	PK	2.3602G	55.55	74.00	-18.45	30.67	3	Horizontal	177	3.01	-
2447MHz	Pass	PK	2.4486G	108.35	Inf	-Inf	30.99	3	Horizontal	177	3.01	-
2447MHz	Pass	PK	2.4838G	57.04	74.00	-16.96	31.11	3	Horizontal	177	3.01	-
2452MHz	Pass	AV	2.4508G	104.22	Inf	-Inf	30.99	3	Vertical	36	2.58	-
2452MHz	Pass	AV	2.4835G	52.05	54.00	-1.95	31.11	3	Vertical	36	2.58	-
2452MHz	Pass	PK	2.451G	112.43	Inf	-Inf	30.99	3	Vertical	36	2.58	-
2452MHz	Pass	PK	2.4838G	63.92	74.00	-10.08	31.11	3	Vertical	36	2.58	-
2452MHz	Pass	AV	2.4528G	100.20	Inf	-Inf	31.00	3	Horizontal	177	3.00	-
2452MHz	Pass	AV	2.4835G	48.31	54.00	-5.69	31.11	3	Horizontal	177	3.00	-
2452MHz	Pass	PK	2.4526G	108.53	Inf	-Inf	31.00	3	Horizontal	177	3.00	-
2452MHz	Pass	PK	2.484G	58.23	74.00	-15.77	31.12	3	Horizontal	177	3.00	-
2457MHz	Pass	AV	2.4592G	103.33	Inf	-Inf	31.03	3	Vertical	312	3.09	-
2457MHz	Pass	AV	2.4835G	53.31	54.00	-0.69	31.11	3	Vertical	312	3.09	-
2457MHz	Pass	PK	2.4596G	111.52	Inf	-Inf	31.03	3	Vertical	312	3.09	-
2457MHz	Pass	PK	2.484G	64.47	74.00	-9.53	31.12	3	Vertical	312	3.09	-
2457MHz	Pass	AV	2.4556G	97.41	Inf	-Inf	31.01	3	Horizontal	175	3.00	-
2457MHz	Pass	AV	2.4835G	47.43	54.00	-6.57	31.11	3	Horizontal	175	3.00	-
2457MHz	Pass	PK	2.4572G	105.95	Inf	-Inf	31.02	3	Horizontal	175	3.00	-
2457MHz	Pass	PK	2.4844G	58.63	74.00	-15.37	31.12	3	Horizontal	175	3.00	-
2462MHz	Pass	AV	2.4634G	99.83	Inf	-Inf	30.62	3	Vertical	270	3.07	-
2462MHz	Pass	AV	2.4835G	53.70	54.00	-0.30	30.69	3	Vertical	270	3.07	-
2462MHz	Pass	PK	2.4632G	110.97	Inf	-Inf	30.62	3	Vertical	270	3.07	-
2462MHz	Pass	PK	2.4835G	67.12	74.00	-6.88	30.69	3	Vertical	270	3.07	-
2462MHz	Pass	AV	2.4636G	99.72	Inf	-Inf	30.62	3	Horizontal	207	3.07	-
2462MHz	Pass	AV	2.4835G	53.89	54.00	-0.11	30.69	3	Horizontal	207	3.07	-
2462MHz	Pass	PK	2.463G	110.85	Inf	-Inf	30.62	3	Horizontal	207	3.07	-
2462MHz	Pass	PK	2.4835G	68.42	74.00	-5.58	30.69	3	Horizontal	207	3.07	-
2462MHz	Pass	AV	4.92442G	43.76	54.00	-10.24	6.09	3	Vertical	127	1.83	-
2462MHz	Pass	PK	4.9255G	58.22	74.00	-15.78	6.10	3	Vertical	127	1.83	-
2462MHz	Pass	AV	4.92316G	43.98	54.00	-10.02	6.09	3	Horizontal	171	2.36	-
2462MHz	Pass	PK	4.92742G	58.81	74.00	-15.19	6.10	3	Horizontal	171	2.36	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.31	54.00	-0.69	30.38	3	Vertical	290	2.85	-
2422MHz	Pass	AV	2.4256G	90.56	Inf	-Inf	30.50	3	Vertical	290	2.85	-
2422MHz	Pass	AV	2.4844G	43.22	54.00	-10.78	30.69	3	Vertical	290	2.85	-
2422MHz	Pass	PK	2.3896G	66.47	74.00	-7.53	30.38	3	Vertical	290	2.85	-
2422MHz	Pass	PK	2.426G	102.00	Inf	-Inf	30.50	3	Vertical	290	2.85	-
2422MHz	Pass	PK	2.4944G	54.66	74.00	-19.34	30.73	3	Vertical	290	2.85	-
2422MHz	Pass	AV	2.39G	44.81	54.00	-9.19	30.38	3	Horizontal	33	3.09	-
2422MHz	Pass	AV	2.4168G	82.75	Inf	-Inf	30.47	3	Horizontal	33	3.09	-
2422MHz	Pass	AV	2.4984G	42.83	54.00	-11.17	30.75	3	Horizontal	33	3.09	-

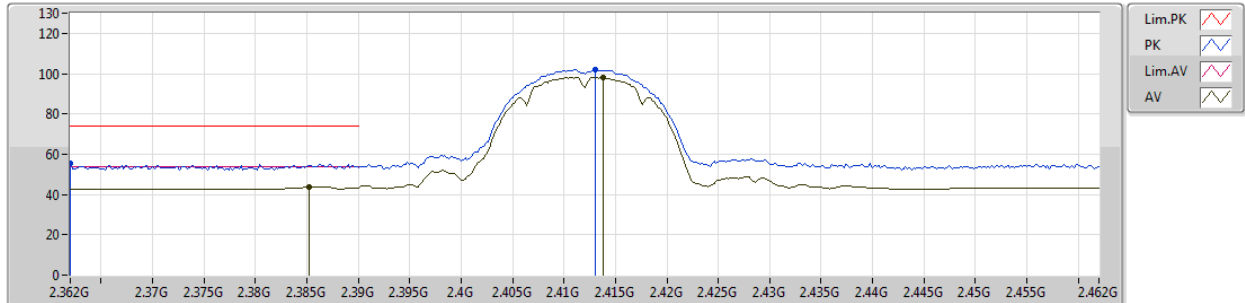
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.388G	56.81	74.00	-17.19	30.37	3	Horizontal	33	3.09	-
2422MHz	Pass	PK	2.4188G	92.86	Inf	-Inf	30.48	3	Horizontal	33	3.09	-
2422MHz	Pass	PK	2.49G	54.04	74.00	-19.96	30.72	3	Horizontal	33	3.09	-
2422MHz	Pass	AV	4.8437G	35.13	54.00	-18.87	5.93	3	Vertical	104	2.24	-
2422MHz	Pass	PK	4.84568G	49.49	74.00	-24.51	5.93	3	Vertical	104	2.24	-
2422MHz	Pass	AV	4.85036G	34.49	54.00	-19.51	5.96	3	Horizontal	171	2.32	-
2422MHz	Pass	PK	4.84868G	48.87	74.00	-25.13	5.94	3	Horizontal	171	2.32	-
2427MHz	Pass	AV	2.3898G	52.49	54.00	-1.51	30.77	3	Vertical	33	2.95	-
2427MHz	Pass	AV	2.4326G	91.76	Inf	-Inf	30.93	3	Vertical	33	2.95	-
2427MHz	Pass	AV	2.4835G	46.02	54.00	-7.98	31.11	3	Vertical	33	2.95	-
2427MHz	Pass	PK	2.3898G	63.18	74.00	-10.82	30.77	3	Vertical	33	2.95	-
2427MHz	Pass	PK	2.433G	100.38	Inf	-Inf	30.93	3	Vertical	33	2.95	-
2427MHz	Pass	PK	2.4842G	56.51	74.00	-17.49	31.12	3	Vertical	33	2.95	-
2427MHz	Pass	AV	2.3898G	47.40	54.00	-6.60	30.77	3	Horizontal	175	3.05	-
2427MHz	Pass	AV	2.4314G	87.12	Inf	-Inf	30.93	3	Horizontal	175	3.05	-
2427MHz	Pass	AV	2.4835G	45.25	54.00	-8.75	31.11	3	Horizontal	175	3.05	-
2427MHz	Pass	PK	2.3894G	57.45	74.00	-16.55	30.77	3	Horizontal	175	3.05	-
2427MHz	Pass	PK	2.423G	95.55	Inf	-Inf	30.89	3	Horizontal	175	3.05	-
2427MHz	Pass	PK	2.4918G	55.84	74.00	-18.16	31.14	3	Horizontal	175	3.05	-
2432MHz	Pass	AV	2.39G	53.11	54.00	-0.89	30.77	3	Vertical	36	2.55	-
2432MHz	Pass	AV	2.4392G	94.35	Inf	-Inf	30.95	3	Vertical	36	2.55	-
2432MHz	Pass	AV	2.4835G	47.94	54.00	-6.06	31.11	3	Vertical	36	2.55	-
2432MHz	Pass	PK	2.3896G	63.65	74.00	-10.35	30.77	3	Vertical	36	2.55	-
2432MHz	Pass	PK	2.4416G	102.80	Inf	-Inf	30.96	3	Vertical	36	2.55	-
2432MHz	Pass	PK	2.4835G	57.60	74.00	-16.40	31.11	3	Vertical	36	2.55	-
2432MHz	Pass	AV	2.39G	46.36	54.00	-7.64	30.77	3	Horizontal	177	2.99	-
2432MHz	Pass	AV	2.4404G	89.62	Inf	-Inf	30.95	3	Horizontal	177	2.99	-
2432MHz	Pass	AV	2.4835G	46.33	54.00	-7.67	31.11	3	Horizontal	177	2.99	-
2432MHz	Pass	PK	2.39G	56.65	74.00	-17.35	30.77	3	Horizontal	177	2.99	-
2432MHz	Pass	PK	2.44G	97.84	Inf	-Inf	30.95	3	Horizontal	177	2.99	-
2432MHz	Pass	PK	2.4876G	56.34	74.00	-17.66	31.13	3	Horizontal	177	2.99	-
2437MHz	Pass	AV	2.3898G	53.36	54.00	-0.64	30.38	3	Vertical	277	2.82	-
2437MHz	Pass	AV	2.4402G	95.13	Inf	-Inf	30.55	3	Vertical	277	2.82	-
2437MHz	Pass	AV	2.4835G	49.34	54.00	-4.66	30.69	3	Vertical	277	2.82	-
2437MHz	Pass	PK	2.3894G	68.91	74.00	-5.09	30.37	3	Vertical	277	2.82	-
2437MHz	Pass	PK	2.4426G	105.75	Inf	-Inf	30.55	3	Vertical	277	2.82	-
2437MHz	Pass	PK	2.4842G	62.64	74.00	-11.36	30.69	3	Vertical	277	2.82	-
2437MHz	Pass	AV	2.3898G	46.02	54.00	-7.98	30.38	3	Horizontal	212	1.05	-
2437MHz	Pass	AV	2.4414G	87.03	Inf	-Inf	30.55	3	Horizontal	212	1.05	-
2437MHz	Pass	AV	2.4835G	44.78	54.00	-9.22	30.69	3	Horizontal	212	1.05	-
2437MHz	Pass	PK	2.3886G	58.15	74.00	-15.85	30.37	3	Horizontal	212	1.05	-
2437MHz	Pass	PK	2.4442G	97.57	Inf	-Inf	30.56	3	Horizontal	212	1.05	-
2437MHz	Pass	PK	2.4835G	57.15	74.00	-16.85	30.69	3	Horizontal	212	1.05	-
2437MHz	Pass	AV	4.87508G	40.87	54.00	-13.13	6.01	3	Vertical	222	1.78	-
2437MHz	Pass	PK	4.87952G	54.94	74.00	-19.06	6.01	3	Vertical	222	1.78	-
2437MHz	Pass	AV	4.87526G	40.79	54.00	-13.21	6.01	3	Horizontal	172	2.28	-
2437MHz	Pass	PK	4.87382G	54.74	74.00	-19.26	6.00	3	Horizontal	172	2.28	-
2442MHz	Pass	AV	2.39G	49.05	54.00	-4.95	30.77	3	Vertical	41	2.96	-
2442MHz	Pass	AV	2.4484G	96.09	Inf	-Inf	30.99	3	Vertical	41	2.96	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz	Pass	AV	2.4835G	52.97	54.00	-1.03	31.11	3	Vertical	41	2.96	-
2442MHz	Pass	PK	2.3896G	58.94	74.00	-15.06	30.77	3	Vertical	41	2.96	-
2442MHz	Pass	PK	2.4468G	104.25	Inf	-Inf	30.98	3	Vertical	41	2.96	-
2442MHz	Pass	PK	2.4848G	64.16	74.00	-9.84	31.12	3	Vertical	41	2.96	-
2442MHz	Pass	AV	2.39G	44.70	54.00	-9.30	30.77	3	Horizontal	180	2.98	-
2442MHz	Pass	AV	2.4484G	91.93	Inf	-Inf	30.99	3	Horizontal	180	2.98	-
2442MHz	Pass	AV	2.4835G	49.77	54.00	-4.23	31.11	3	Horizontal	180	2.98	-
2442MHz	Pass	PK	2.39G	55.85	74.00	-18.15	30.77	3	Horizontal	180	2.98	-
2442MHz	Pass	PK	2.4448G	100.28	Inf	-Inf	30.98	3	Horizontal	180	2.98	-
2442MHz	Pass	PK	2.484G	59.69	74.00	-14.31	31.12	3	Horizontal	180	2.98	-
2447MHz	Pass	AV	2.3898G	45.70	54.00	-8.30	30.77	3	Vertical	36	2.96	-
2447MHz	Pass	AV	2.4518G	96.00	Inf	-Inf	31.00	3	Vertical	36	2.96	-
2447MHz	Pass	AV	2.4835G	52.83	54.00	-1.17	31.11	3	Vertical	36	2.96	-
2447MHz	Pass	PK	2.3866G	55.93	74.00	-18.07	30.76	3	Vertical	36	2.96	-
2447MHz	Pass	PK	2.453G	104.57	Inf	-Inf	31.00	3	Vertical	36	2.96	-
2447MHz	Pass	PK	2.4866G	63.34	74.00	-10.66	31.12	3	Vertical	36	2.96	-
2447MHz	Pass	AV	2.3894G	44.50	54.00	-9.50	30.77	3	Horizontal	179	3.00	-
2447MHz	Pass	AV	2.4522G	92.34	Inf	-Inf	31.00	3	Horizontal	179	3.00	-
2447MHz	Pass	AV	2.4835G	49.63	54.00	-4.37	31.11	3	Horizontal	179	3.00	-
2447MHz	Pass	PK	2.3774G	56.55	74.00	-17.45	30.73	3	Horizontal	179	3.00	-
2447MHz	Pass	PK	2.4494G	100.30	Inf	-Inf	30.99	3	Horizontal	179	3.00	-
2447MHz	Pass	PK	2.4878G	60.16	74.00	-13.84	31.13	3	Horizontal	179	3.00	-
2452MHz	Pass	AV	2.39G	42.93	54.00	-11.07	30.38	3	Vertical	276	3.09	-
2452MHz	Pass	AV	2.448G	94.25	Inf	-Inf	30.58	3	Vertical	276	3.09	-
2452MHz	Pass	AV	2.4835G	53.49	54.00	-0.51	30.69	3	Vertical	276	3.09	-
2452MHz	Pass	PK	2.3664G	53.99	74.00	-20.01	30.30	3	Vertical	276	3.09	-
2452MHz	Pass	PK	2.4468G	105.25	Inf	-Inf	30.57	3	Vertical	276	3.09	-
2452MHz	Pass	PK	2.4868G	65.49	74.00	-8.51	30.71	3	Vertical	276	3.09	-
2452MHz	Pass	AV	2.39G	42.41	54.00	-11.59	30.38	3	Horizontal	213	1.08	-
2452MHz	Pass	AV	2.4484G	86.97	Inf	-Inf	30.58	3	Horizontal	213	1.08	-
2452MHz	Pass	AV	2.484G	46.79	54.00	-7.21	30.69	3	Horizontal	213	1.08	-
2452MHz	Pass	PK	2.3724G	53.21	74.00	-20.79	30.32	3	Horizontal	213	1.08	-
2452MHz	Pass	PK	2.45G	97.49	Inf	-Inf	30.58	3	Horizontal	213	1.08	-
2452MHz	Pass	PK	2.4916G	59.18	74.00	-14.82	30.72	3	Horizontal	213	1.08	-
2452MHz	Pass	AV	4.89992G	39.45	54.00	-14.55	6.05	3	Vertical	128	1.85	-
2452MHz	Pass	PK	4.90358G	54.03	74.00	-19.97	6.06	3	Vertical	128	1.85	-
2452MHz	Pass	AV	4.90646G	39.27	54.00	-14.73	6.06	3	Horizontal	170	2.37	-
2452MHz	Pass	PK	4.90544G	53.59	74.00	-20.41	6.06	3	Horizontal	170	2.37	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2412MHz_TX

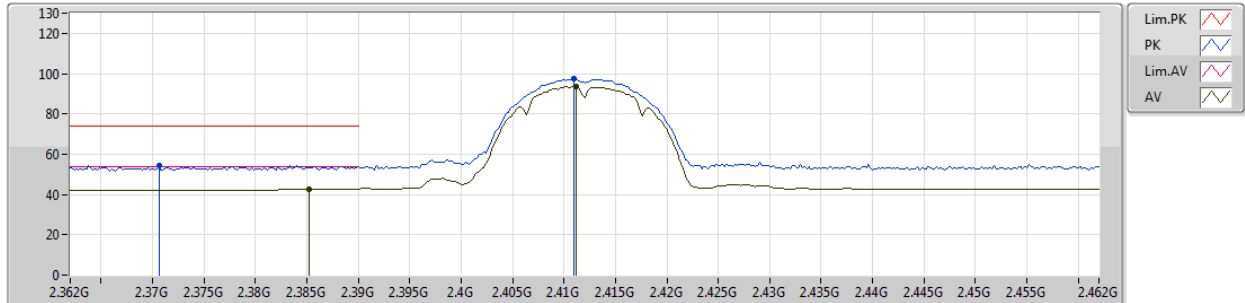


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3852G	43.98	54.00	-10.02	30.67	3	Vertical	65	1.01	-								
AV	2.4138G	98.04	Inf	-Inf	30.76	3	Vertical	65	1.01	-								
PK	2.362G	55.43	74.00	-18.57	30.60	3	Vertical	65	1.01	-								
PK	2.413G	102.01	Inf	-Inf	30.76	3	Vertical	65	1.01	-								

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2412MHz_TX

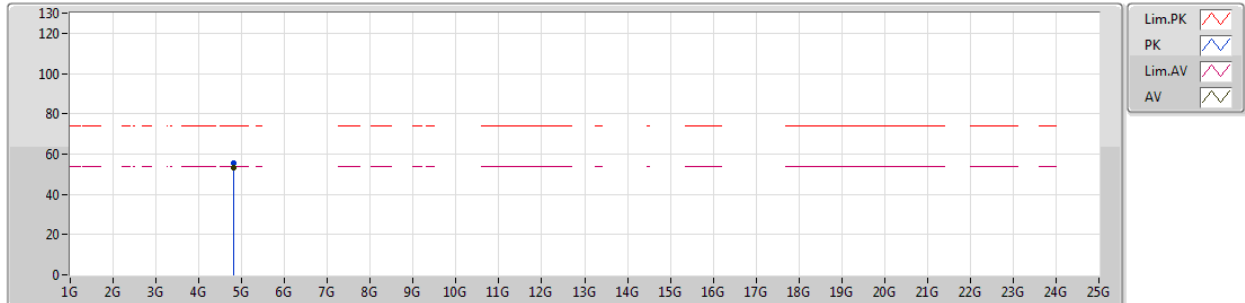


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3852G	42.74	54.00	-11.26	30.67	3	Horizontal	154	2.56	-
AV	2.4112G	93.40	Inf	-Inf	30.76	3	Horizontal	154	2.56	-
PK	2.3706G	54.26	74.00	-19.74	30.63	3	Horizontal	154	2.56	-
PK	2.411G	97.28	Inf	-Inf	30.76	3	Horizontal	154	2.56	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2412MHz_TX

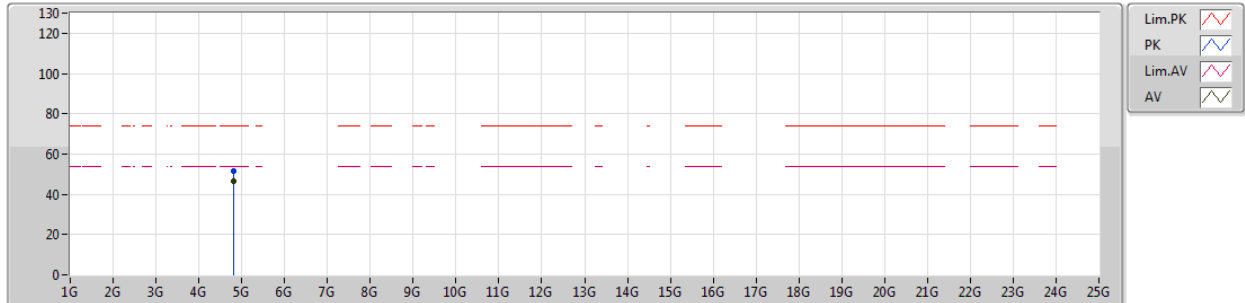


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.82398G	53.24	54.00	-0.76	6.53	3	Vertical	213	1.99	-							
PK	4.82392G	55.68	74.00	-18.32	6.53	3	Vertical	213	1.99	-							

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2412MHz_TX

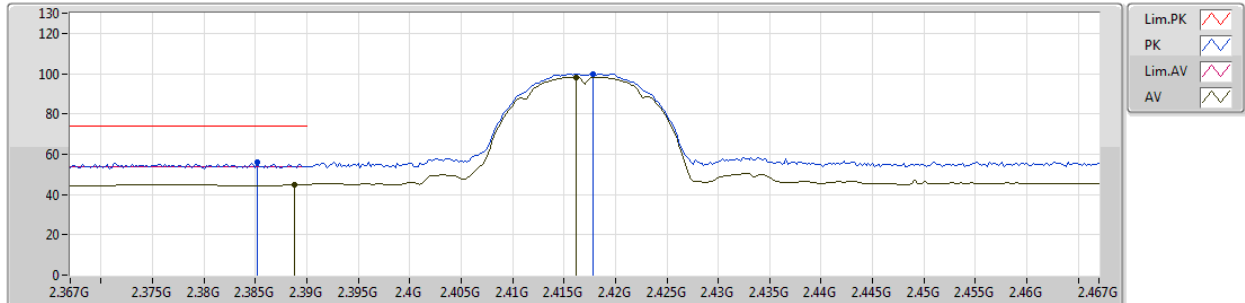


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.82398G	46.29	54.00	-7.71	6.53	3	Horizontal	144	1.04	-								
PK	4.82398G	51.53	74.00	-22.47	6.53	3	Horizontal	144	1.04	-								

802.11b_Nss1,(1Mbps)_1TX

20/09/2018

2417MHz_TX

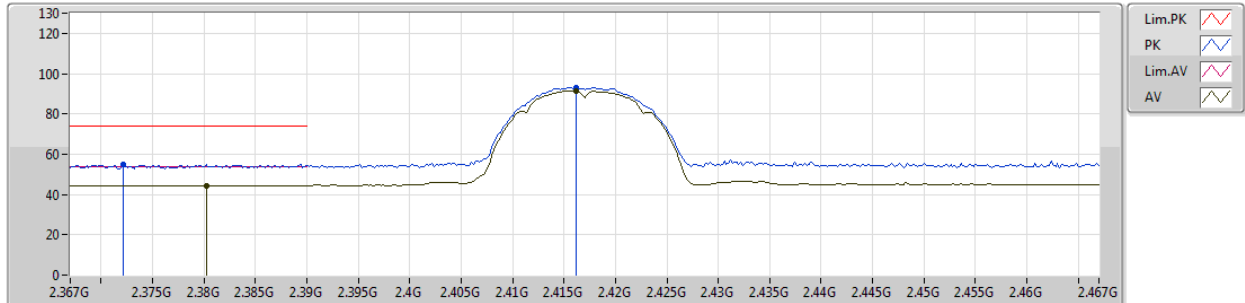


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3888G	44.68	54.00	-9.32	30.77	3	Vertical	318	2.88	-								
AV	2.4162G	98.14	Inf	-Inf	30.87	3	Vertical	318	2.88	-								
PK	2.3852G	55.80	74.00	-18.20	30.76	3	Vertical	318	2.88	-								
PK	2.4178G	99.99	Inf	-Inf	30.87	3	Vertical	318	2.88	-								

802.11b_Nss1,(1Mbps)_1TX

20/09/2018

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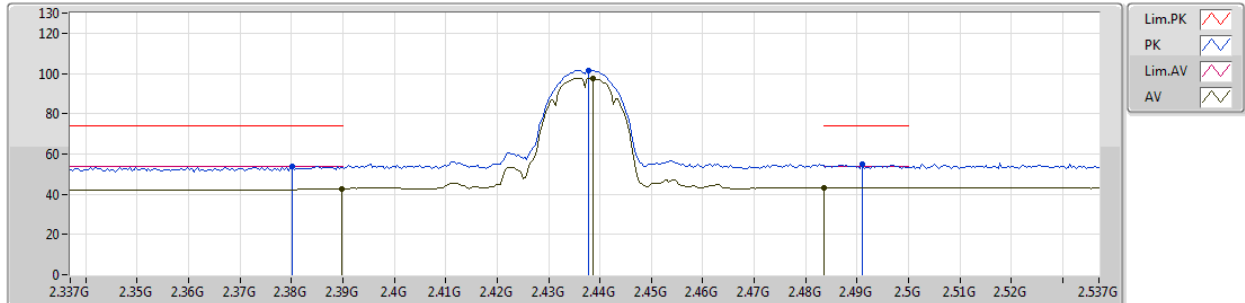


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.3802G	44.43	54.00	-9.57	30.74	3	Horizontal	178	3.09	-							
AV	2.4162G	91.29	Inf	-Inf	30.87	3	Horizontal	178	3.09	-							
PK	2.3722G	54.87	74.00	-19.13	30.71	3	Horizontal	178	3.09	-							
PK	2.4162G	93.09	Inf	-Inf	30.87	3	Horizontal	178	3.09	-							

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

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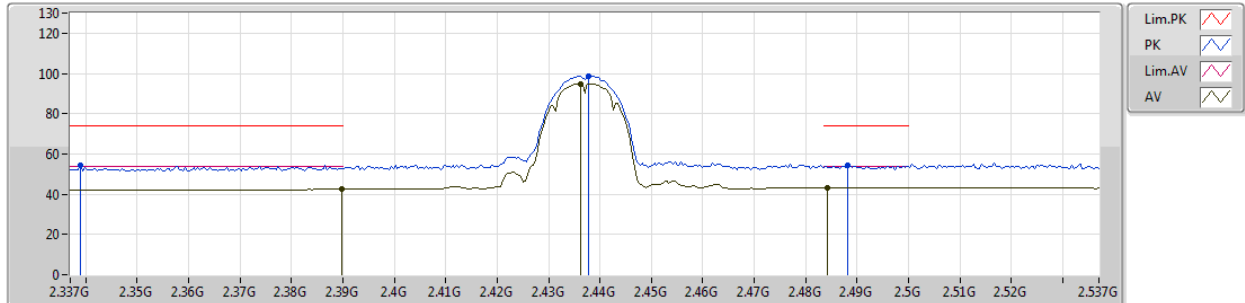


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	42.81	54.00	-11.19	30.69	3	Vertical	67	1.12	-
AV	2.4386G	97.69	Inf	-Inf	30.83	3	Vertical	67	1.12	-
AV	2.4835G	43.25	54.00	-10.75	30.97	3	Vertical	67	1.12	-
PK	2.3802G	53.77	74.00	-20.23	30.66	3	Vertical	67	1.12	-
PK	2.4378G	101.60	Inf	-Inf	30.83	3	Vertical	67	1.12	-
PK	2.491G	54.74	74.00	-19.26	30.99	3	Vertical	67	1.12	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2437MHz_TX

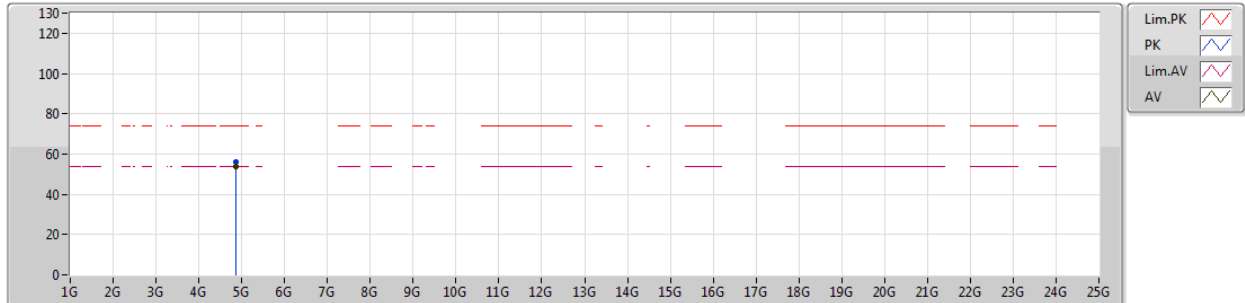


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	42.45	54.00	-11.55	30.69	3	Horizontal	157	2.39	-
AV	2.4362G	94.80	Inf	-Inf	30.83	3	Horizontal	157	2.39	-
AV	2.4842G	43.01	54.00	-10.99	30.97	3	Horizontal	157	2.39	-
PK	2.339G	54.45	74.00	-19.55	30.53	3	Horizontal	157	2.39	-
PK	2.4378G	98.70	Inf	-Inf	30.83	3	Horizontal	157	2.39	-
PK	2.4882G	54.12	74.00	-19.88	30.98	3	Horizontal	157	2.39	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

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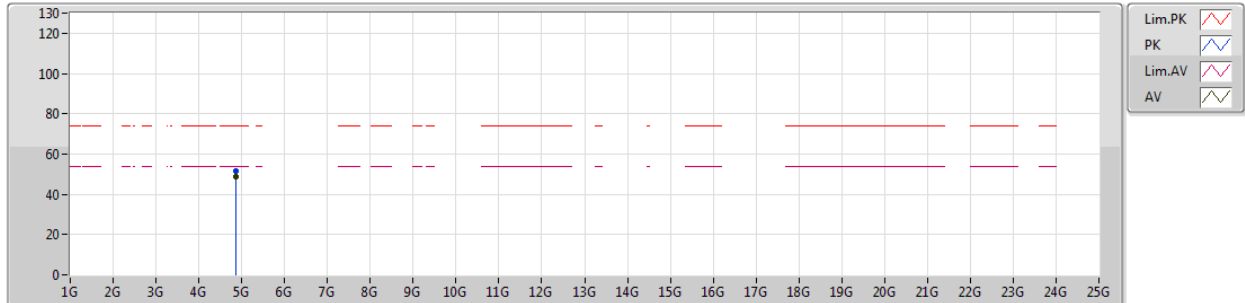


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	53.58	54.00	-0.42	6.65	3	Vertical	212	1.46	-
PK	4.87406G	55.96	74.00	-18.04	6.65	3	Vertical	212	1.46	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2437MHz_TX

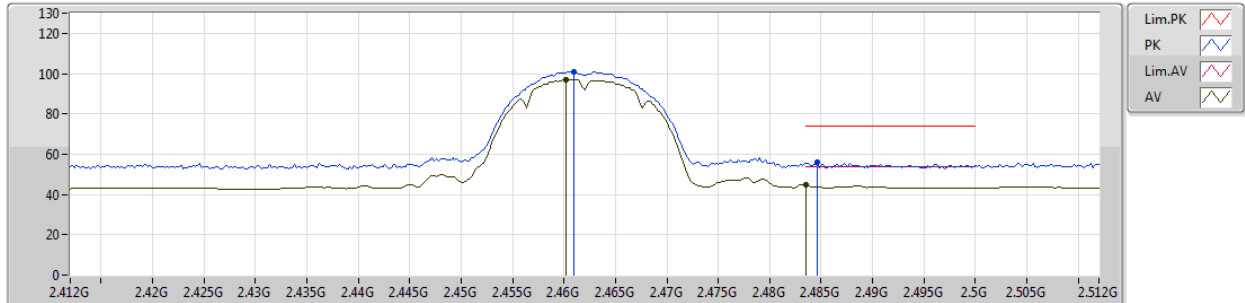


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	48.87	54.00	-5.13	6.65	3	Horizontal	145	1.01	-
PK	4.87409G	51.54	74.00	-22.46	6.65	3	Horizontal	145	1.01	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2462MHz_TX

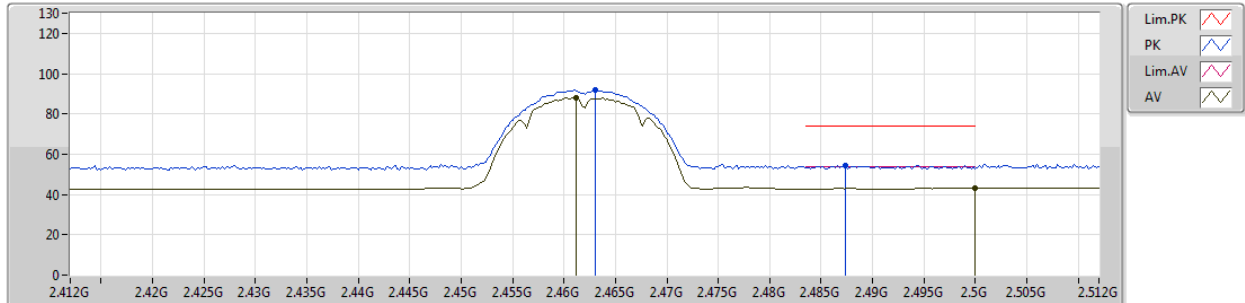


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	97.10	Inf	-Inf	30.89	3	Vertical	62	1.01	-
AV	2.4835G	44.79	54.00	-9.21	30.97	3	Vertical	62	1.01	-
PK	2.461G	101.01	Inf	-Inf	30.90	3	Vertical	62	1.01	-
PK	2.4846G	55.76	74.00	-18.24	30.97	3	Vertical	62	1.01	-

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2462MHz_TX

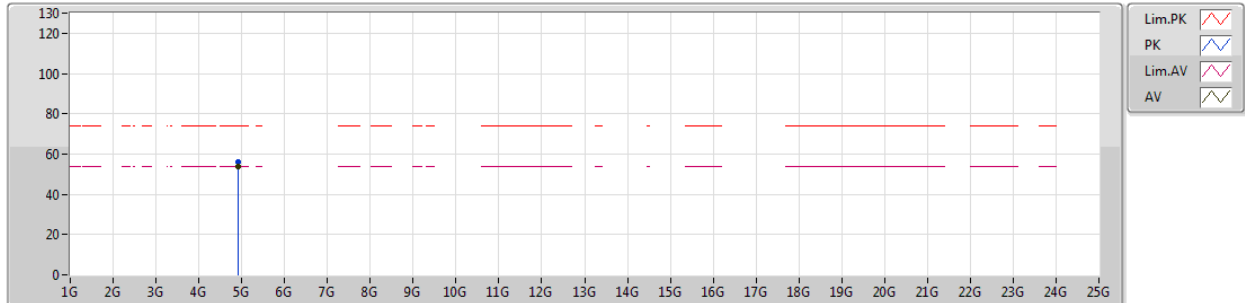


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.4612G	87.82	Inf	-Inf	30.90	3	Horizontal	169	1.50	-								
AV	2.5G	42.96	54.00	-11.04	31.02	3	Horizontal	169	1.50	-								
PK	2.463G	91.68	Inf	-Inf	30.90	3	Horizontal	169	1.50	-								
PK	2.4874G	54.31	74.00	-19.69	30.98	3	Horizontal	169	1.50	-								

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2462MHz_TX

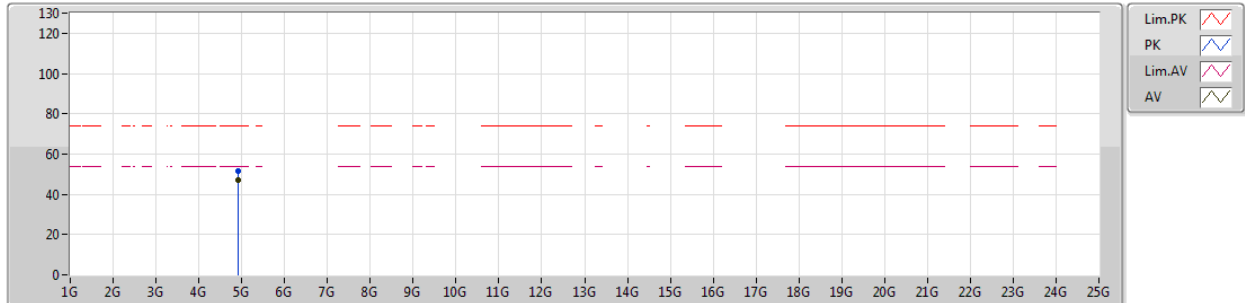


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.92397G	53.64	54.00	-0.36	6.77	3	Vertical	189	2.51	-								
PK	4.92392G	56.17	74.00	-17.83	6.77	3	Vertical	189	2.51	-								

802.11b_Nss1,(1Mbps)_1TX

12/10/2018

2462MHz_TX

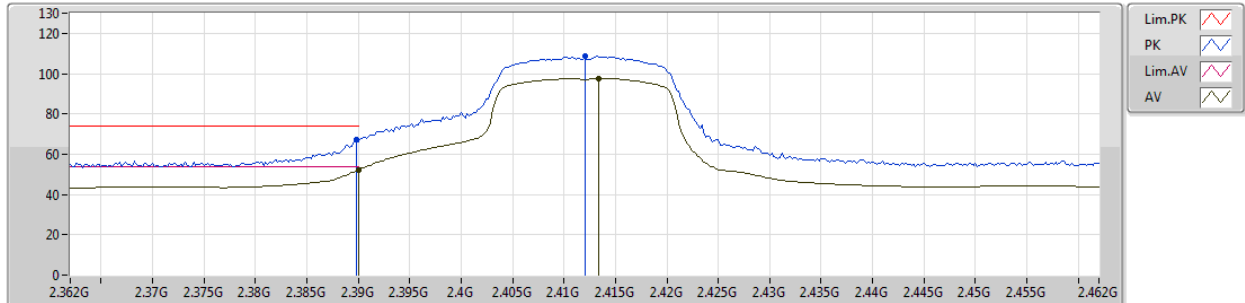


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.92397G	47.01	54.00	-6.99	6.77	3	Horizontal	141	1.01	-							
PK	4.92395G	51.60	74.00	-22.40	6.77	3	Horizontal	141	1.01	-							

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2412MHz_TX

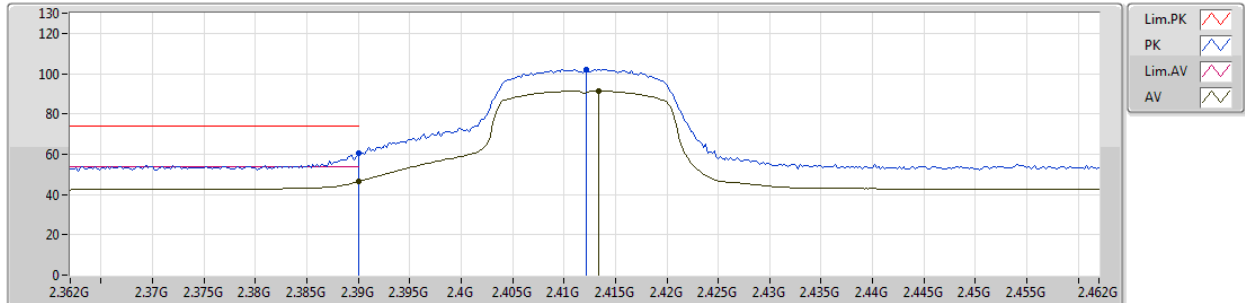


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.16	54.00	-1.84	30.69	3	Vertical	64	1.01	-
AV	2.4134G	97.55	Inf	-Inf	30.76	3	Vertical	64	1.01	-
PK	2.3898G	67.36	74.00	-6.64	30.69	3	Vertical	64	1.01	-
PK	2.412G	108.88	Inf	-Inf	30.76	3	Vertical	64	1.01	-

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2412MHz_TX

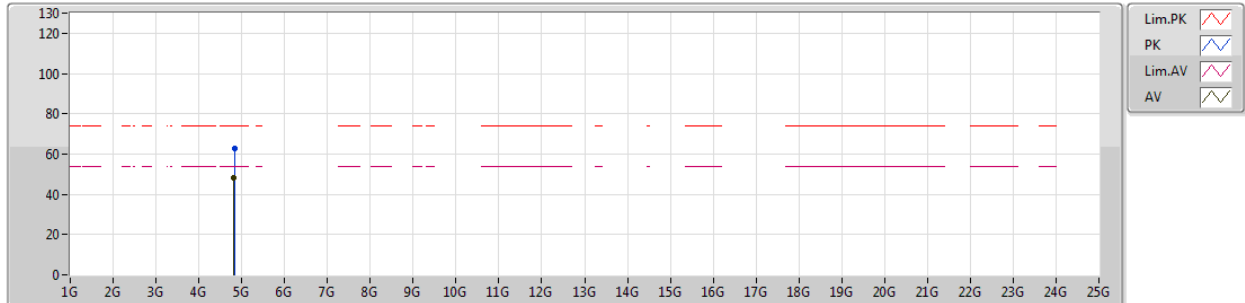


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.40	54.00	-7.60	30.69	3	Horizontal	161	2.09	-
AV	2.4134G	91.35	Inf	-Inf	30.76	3	Horizontal	161	2.09	-
PK	2.39G	60.28	74.00	-13.72	30.69	3	Horizontal	161	2.09	-
PK	2.4122G	102.04	Inf	-Inf	30.76	3	Horizontal	161	2.09	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2412MHz_TX

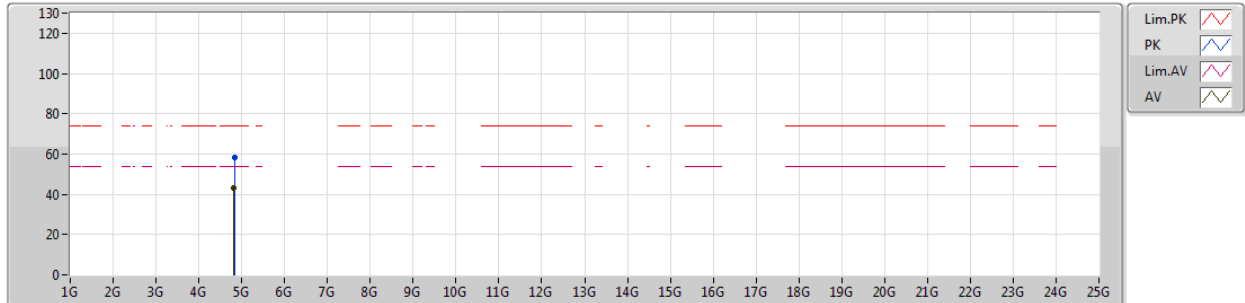


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.82286G	48.15	54.00	-5.85	5.89	3	Vertical	298	2.47	-							
PK	4.8261G	62.96	74.00	-11.04	5.90	3	Vertical	298	2.47	-							

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2412MHz_TX

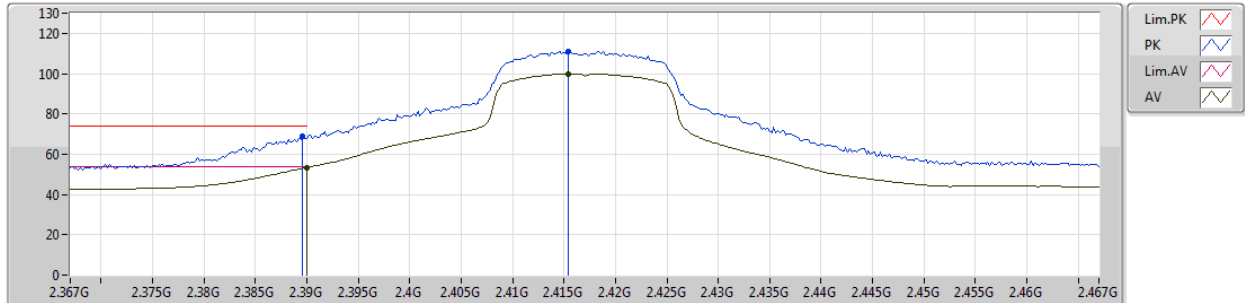


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.82376G	43.38	54.00	-10.62	5.89	3	Horizontal	171	2.55	-								
PK	4.8264G	58.29	74.00	-15.71	5.90	3	Horizontal	171	2.55	-								

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2417MHz_TX

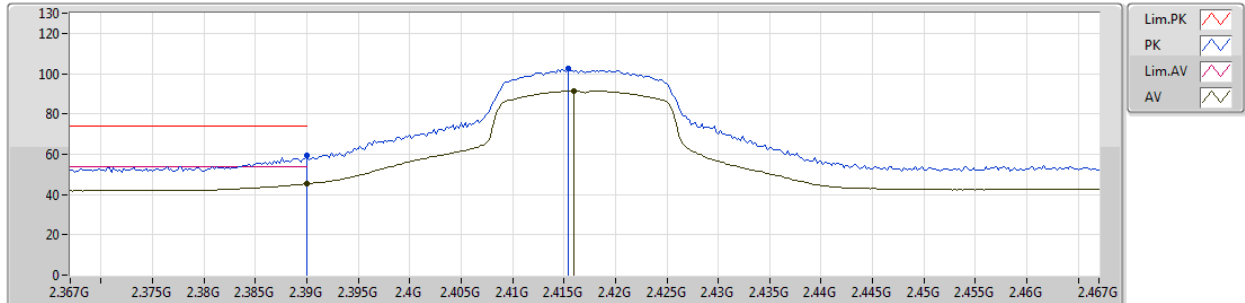


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.35	54.00	-0.65	30.38	3	Vertical	214	2.49	-
AV	2.4154G	99.91	Inf	-Inf	30.47	3	Vertical	214	2.49	-
PK	2.3896G	69.10	74.00	-4.90	30.38	3	Vertical	214	2.49	-
PK	2.4154G	111.01	Inf	-Inf	30.47	3	Vertical	214	2.49	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2417MHz_TX

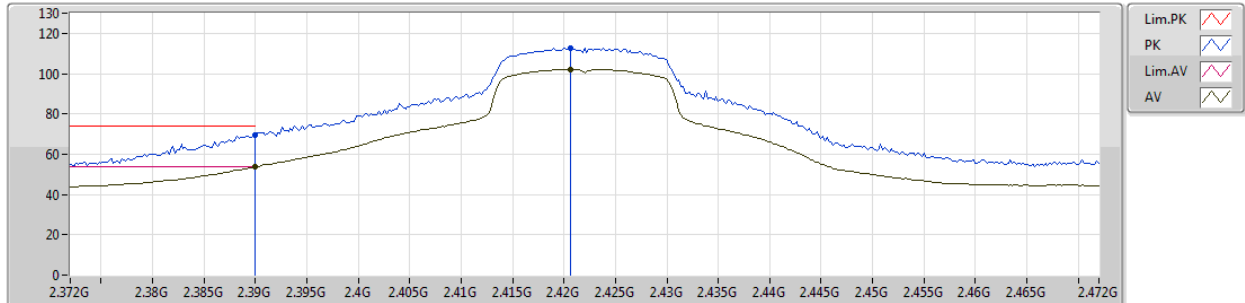


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.26	54.00	-8.74	30.38	3	Horizontal	17	1.50	-
AV	2.416G	91.45	Inf	-Inf	30.47	3	Horizontal	17	1.50	-
PK	2.39G	59.47	74.00	-14.53	30.38	3	Horizontal	17	1.50	-
PK	2.4154G	102.36	Inf	-Inf	30.47	3	Horizontal	17	1.50	-

802.11g_Nss1,(6Mbps)_1TX

2422MHz_TX

20/09/2018

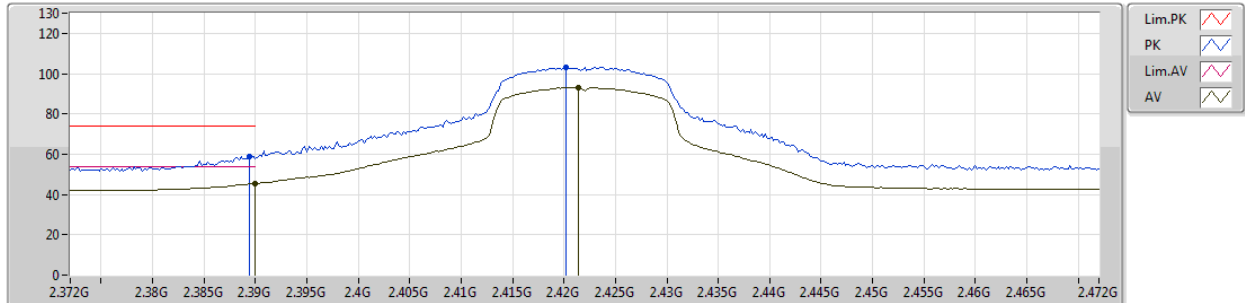


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.61	54.00	-0.39	30.38	3	Vertical	278	2.89	-
AV	2.4206G	102.14	Inf	-Inf	30.48	3	Vertical	278	2.89	-
PK	2.39G	69.30	74.00	-4.70	30.38	3	Vertical	278	2.89	-
PK	2.4206G	112.87	Inf	-Inf	30.48	3	Vertical	278	2.89	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2422MHz_TX

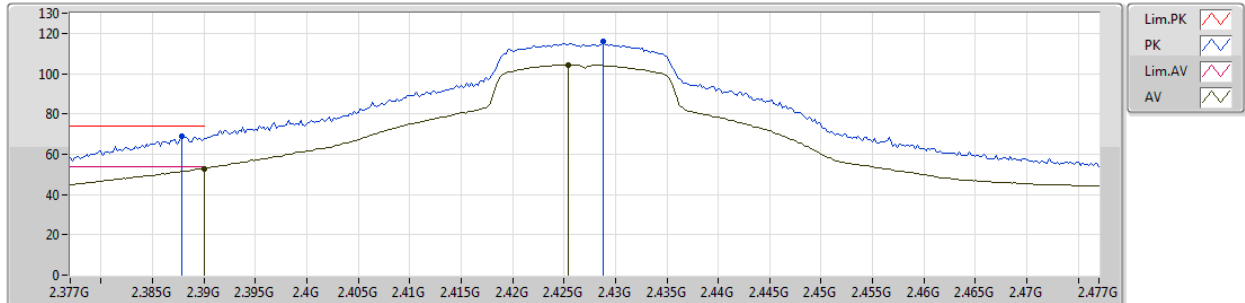


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.32	54.00	-8.68	30.38	3	Horizontal	19	2.20	-
AV	2.4214G	92.98	Inf	-Inf	30.48	3	Horizontal	19	2.20	-
PK	2.3894G	59.07	74.00	-14.93	30.37	3	Horizontal	19	2.20	-
PK	2.4202G	103.35	Inf	-Inf	30.48	3	Horizontal	19	2.20	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2427MHz_TX

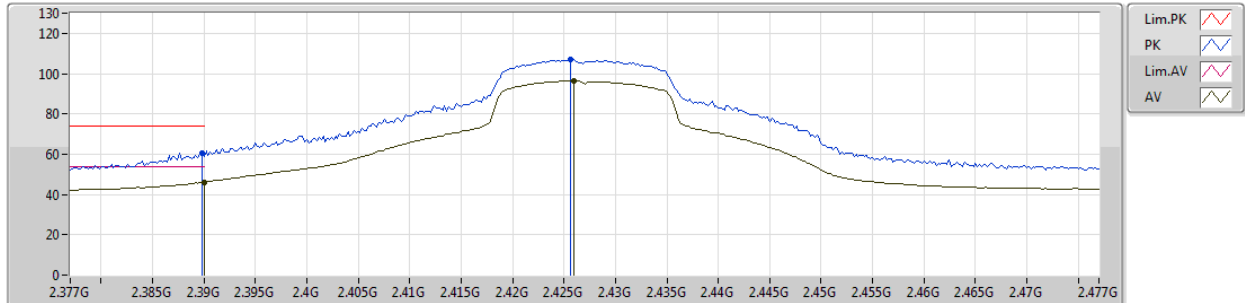


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.95	54.00	-1.05	30.38	3	Vertical	292	2.92	-
AV	2.4254G	104.40	Inf	-Inf	30.50	3	Vertical	292	2.92	-
PK	2.3878G	69.13	74.00	-4.87	30.37	3	Vertical	292	2.92	-
PK	2.4288G	115.82	Inf	-Inf	30.51	3	Vertical	292	2.92	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2427MHz_TX

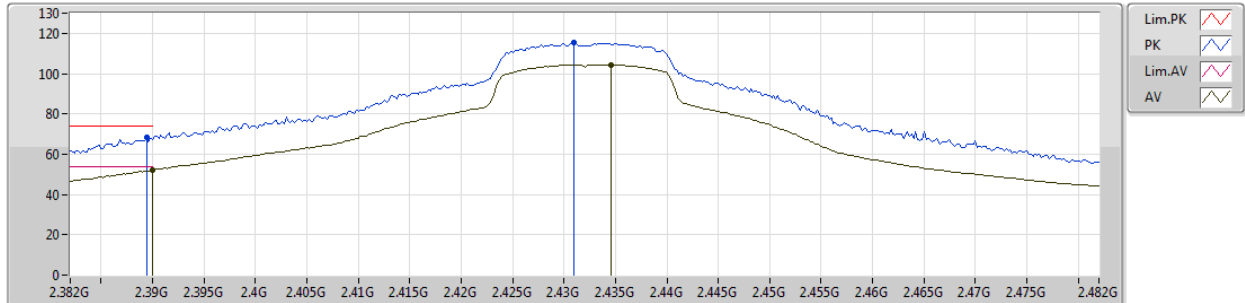


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.08	54.00	-7.92	30.38	3	Horizontal	179	3.00	-
AV	2.426G	96.34	Inf	-Inf	30.50	3	Horizontal	179	3.00	-
PK	2.3898G	60.72	74.00	-13.28	30.38	3	Horizontal	179	3.00	-
PK	2.4256G	106.82	Inf	-Inf	30.50	3	Horizontal	179	3.00	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2432MHz_TX

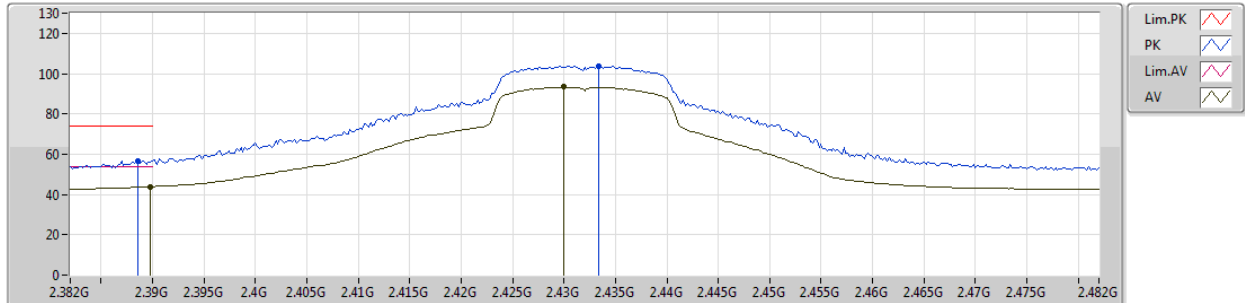


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.10	54.00	-1.90	30.38	3	Vertical	272	2.78	-
AV	2.4346G	104.49	Inf	-Inf	30.52	3	Vertical	272	2.78	-
PK	2.3894G	68.29	74.00	-5.71	30.37	3	Vertical	272	2.78	-
PK	2.431G	115.20	Inf	-Inf	30.51	3	Vertical	272	2.78	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2432MHz_TX

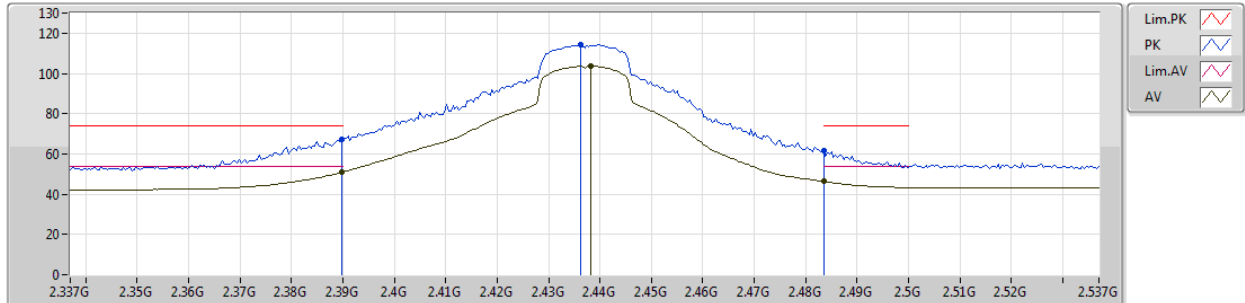


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	43.88	54.00	-10.12	30.38	3	Horizontal	15	1.52	-
AV	2.43G	93.41	Inf	-Inf	30.51	3	Horizontal	15	1.52	-
PK	2.3886G	56.62	74.00	-17.38	30.37	3	Horizontal	15	1.52	-
PK	2.4334G	103.69	Inf	-Inf	30.52	3	Horizontal	15	1.52	-

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2437MHz_TX

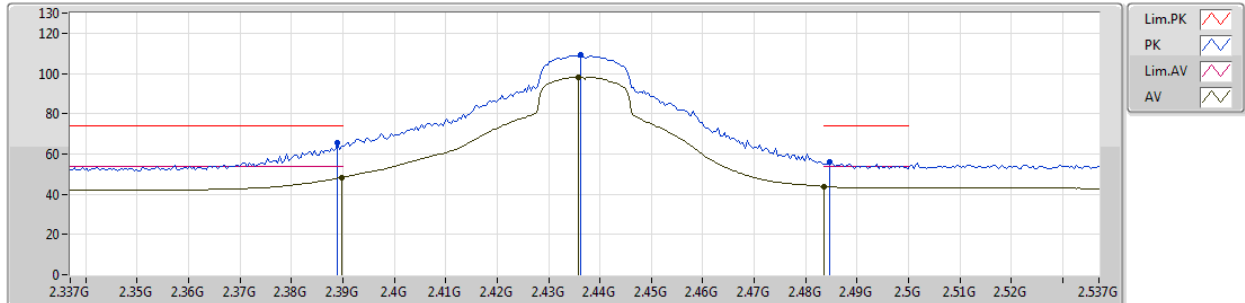


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	50.76	54.00	-3.24	30.69	3	Vertical	66	1.10	-
AV	2.4382G	103.54	Inf	-Inf	30.83	3	Vertical	66	1.10	-
AV	2.4835G	46.24	54.00	-7.76	30.97	3	Vertical	66	1.10	-
PK	2.3898G	67.24	74.00	-6.76	30.69	3	Vertical	66	1.10	-
PK	2.4362G	114.44	Inf	-Inf	30.83	3	Vertical	66	1.10	-
PK	2.4835G	61.43	74.00	-12.57	30.97	3	Vertical	66	1.10	-

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2437MHz_TX

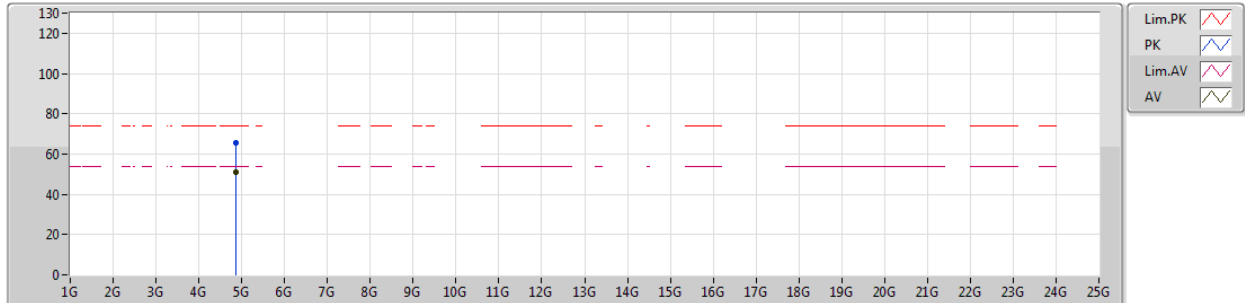


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.32	54.00	-5.68	30.69	3	Horizontal	158	2.39	-
AV	2.4358G	98.27	Inf	-Inf	30.83	3	Horizontal	158	2.39	-
AV	2.4835G	43.90	54.00	-10.10	30.97	3	Horizontal	158	2.39	-
PK	2.389G	65.76	74.00	-8.24	30.68	3	Horizontal	158	2.39	-
PK	2.4362G	109.11	Inf	-Inf	30.83	3	Horizontal	158	2.39	-
PK	2.4846G	56.25	74.00	-17.75	30.97	3	Horizontal	158	2.39	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2437MHz_TX

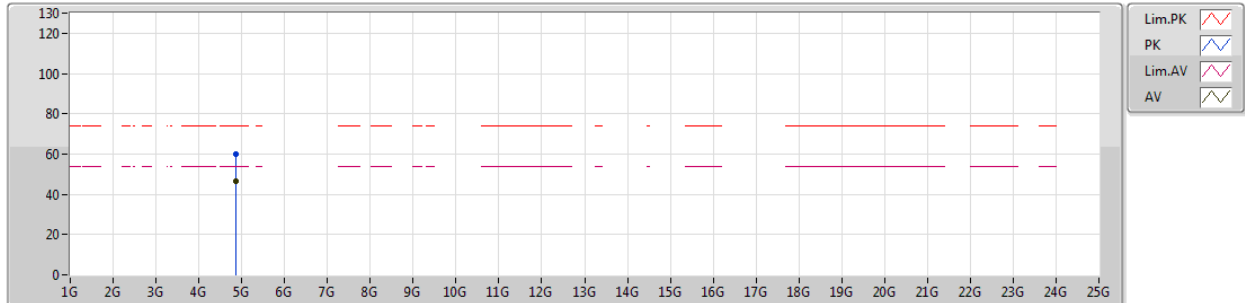


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.8746G	51.25	54.00	-2.75	6.00	3	Vertical	35	1.05	-								
PK	4.87448G	65.32	74.00	-8.68	6.00	3	Vertical	35	1.05	-								

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2437MHz_TX

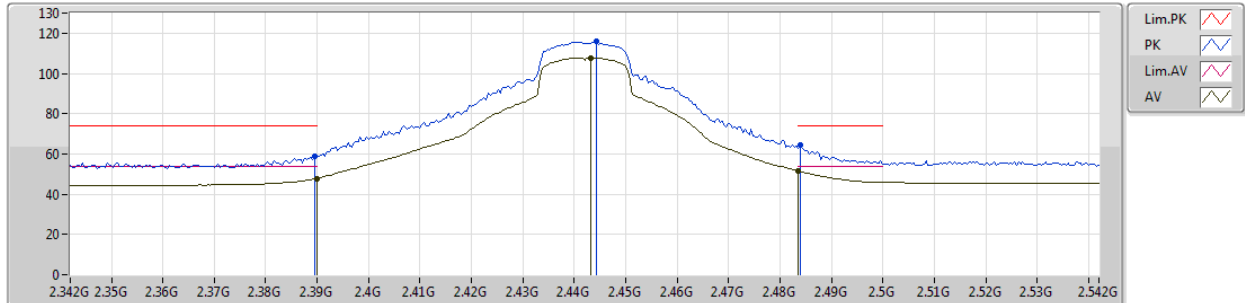


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8734G	46.55	54.00	-7.45	6.00	3	Horizontal	172	2.29	-
PK	4.87394G	59.76	74.00	-14.24	6.00	3	Horizontal	172	2.29	-

802.11g_Nss1,(6Mbps)_1TX

2442MHz_TX

20/09/2018

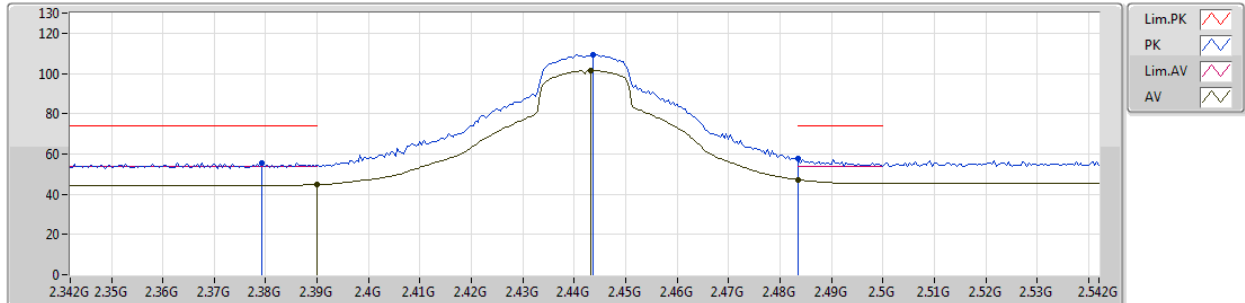


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.82	54.00	-6.18	30.77	3	Vertical	310	2.81	-
AV	2.4432G	107.80	Inf	-Inf	30.96	3	Vertical	310	2.81	-
AV	2.4835G	51.41	54.00	-2.59	31.11	3	Vertical	310	2.81	-
PK	2.3896G	59.08	74.00	-14.92	30.77	3	Vertical	310	2.81	-
PK	2.4444G	115.78	Inf	-Inf	30.97	3	Vertical	310	2.81	-
PK	2.484G	64.51	74.00	-9.49	31.12	3	Vertical	310	2.81	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2442MHz_TX

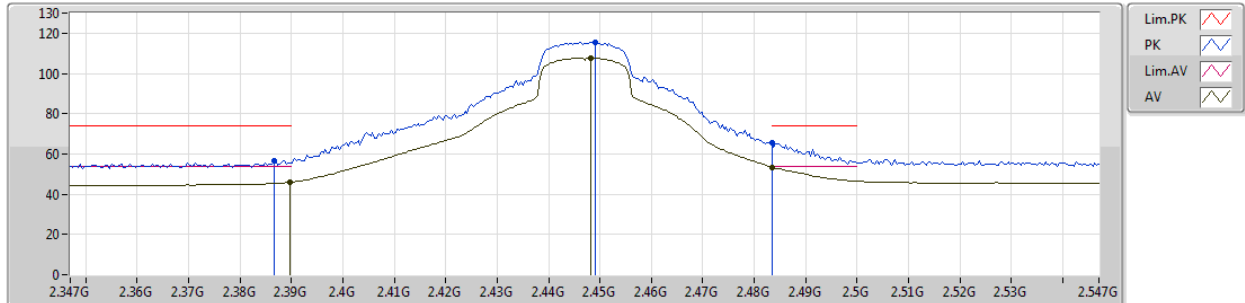


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	44.74	54.00	-9.26	30.77	3	Horizontal	173	2.99	-
AV	2.4432G	101.36	Inf	-Inf	30.96	3	Horizontal	173	2.99	-
AV	2.4835G	47.08	54.00	-6.92	31.11	3	Horizontal	173	2.99	-
PK	2.3792G	55.62	74.00	-18.38	30.74	3	Horizontal	173	2.99	-
PK	2.4436G	109.52	Inf	-Inf	30.96	3	Horizontal	173	2.99	-
PK	2.4835G	57.61	74.00	-16.39	31.11	3	Horizontal	173	2.99	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2447MHz_TX

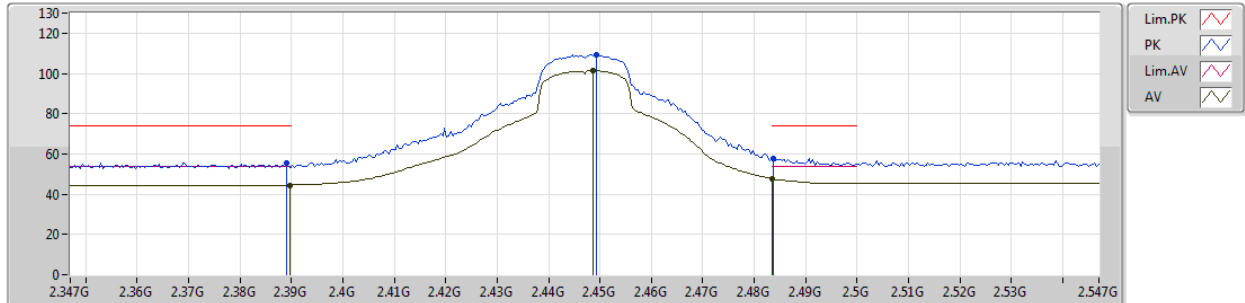


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.94	54.00	-8.06	30.77	3	Vertical	310	2.86	-
AV	2.4482G	107.59	Inf	-Inf	30.98	3	Vertical	310	2.86	-
AV	2.4835G	53.51	54.00	-0.49	31.11	3	Vertical	310	2.86	-
PK	2.3866G	56.79	74.00	-17.21	30.76	3	Vertical	310	2.86	-
PK	2.449G	115.56	Inf	-Inf	30.99	3	Vertical	310	2.86	-
PK	2.4835G	65.57	74.00	-8.43	31.11	3	Vertical	310	2.86	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2447MHz_TX

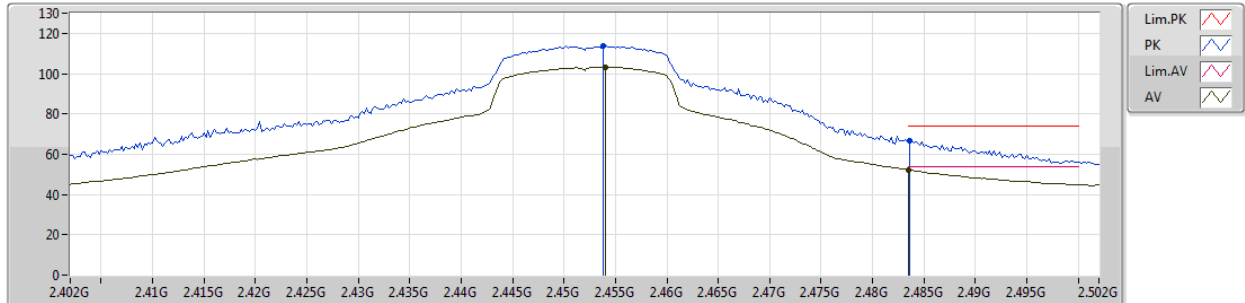


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	44.52	54.00	-9.48	30.77	3	Horizontal	174	3.01	-
AV	2.4486G	101.29	Inf	-Inf	30.99	3	Horizontal	174	3.01	-
AV	2.4835G	47.67	54.00	-6.33	31.11	3	Horizontal	174	3.01	-
PK	2.389G	55.59	74.00	-18.41	30.77	3	Horizontal	174	3.01	-
PK	2.4494G	109.13	Inf	-Inf	30.99	3	Horizontal	174	3.01	-
PK	2.4838G	57.97	74.00	-16.03	31.11	3	Horizontal	174	3.01	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2452MHz_TX

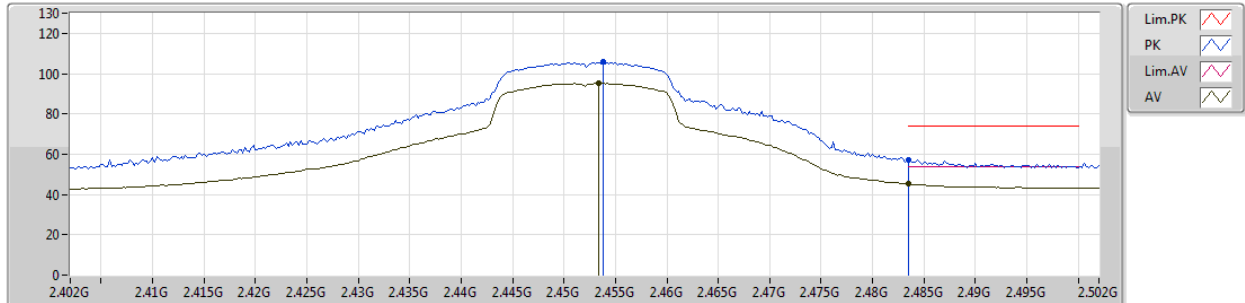


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.454G	103.15	Inf	-Inf	30.59	3	Vertical	149	1.01	-
AV	2.4835G	52.31	54.00	-1.69	30.69	3	Vertical	149	1.01	-
PK	2.4538G	113.68	Inf	-Inf	30.59	3	Vertical	149	1.01	-
PK	2.4836G	66.47	74.00	-7.53	30.69	3	Vertical	149	1.01	-

802.11g_Nss1,(6Mbps)_1TX

2452MHz_TX

20/09/2018

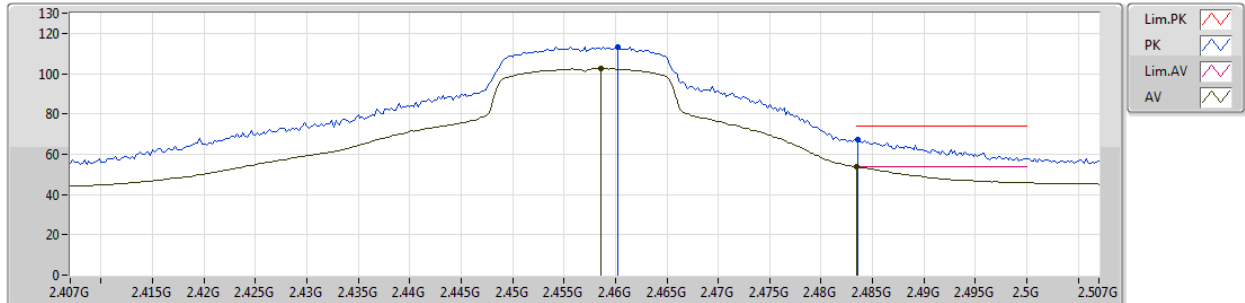


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4534G	95.14	Inf	-Inf	30.59	3	Horizontal	26	2.15	-
AV	2.4835G	45.25	54.00	-8.75	30.69	3	Horizontal	26	2.15	-
PK	2.4538G	105.68	Inf	-Inf	30.59	3	Horizontal	26	2.15	-
PK	2.4835G	57.40	74.00	-16.60	30.69	3	Horizontal	26	2.15	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2457MHz_TX

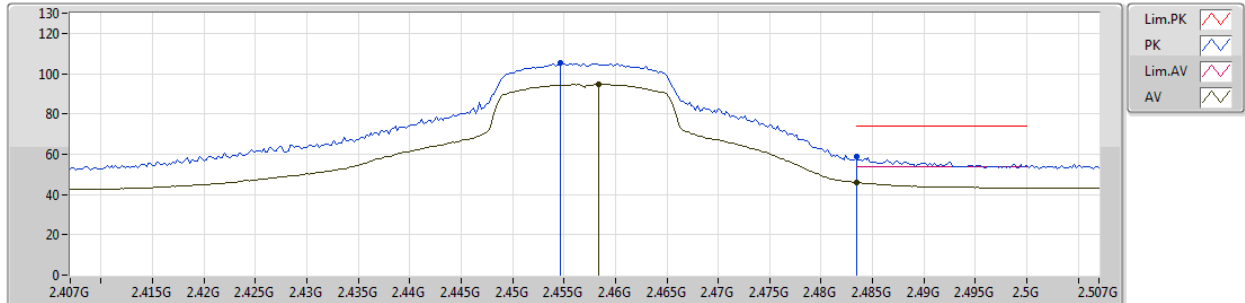


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4586G	102.49	Inf	-Inf	30.61	3	Vertical	268	3.09	-
AV	2.4835G	53.64	54.00	-0.36	30.69	3	Vertical	268	3.09	-
PK	2.4602G	113.11	Inf	-Inf	30.61	3	Vertical	268	3.09	-
PK	2.4836G	67.30	74.00	-6.70	30.69	3	Vertical	268	3.09	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2457MHz_TX

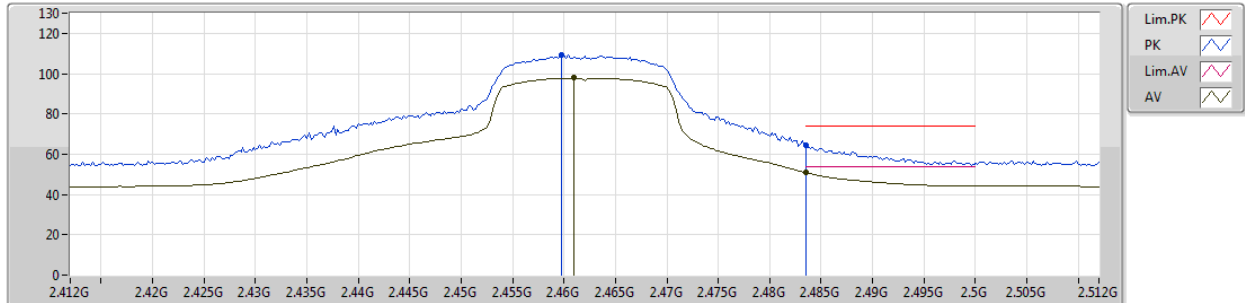


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4584G	94.64	Inf	-Inf	30.61	3	Horizontal	30	2.18	-
AV	2.4835G	45.90	54.00	-8.10	30.69	3	Horizontal	30	2.18	-
PK	2.4546G	105.17	Inf	-Inf	30.59	3	Horizontal	30	2.18	-
PK	2.4835G	58.77	74.00	-15.23	30.69	3	Horizontal	30	2.18	-

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2462MHz_TX

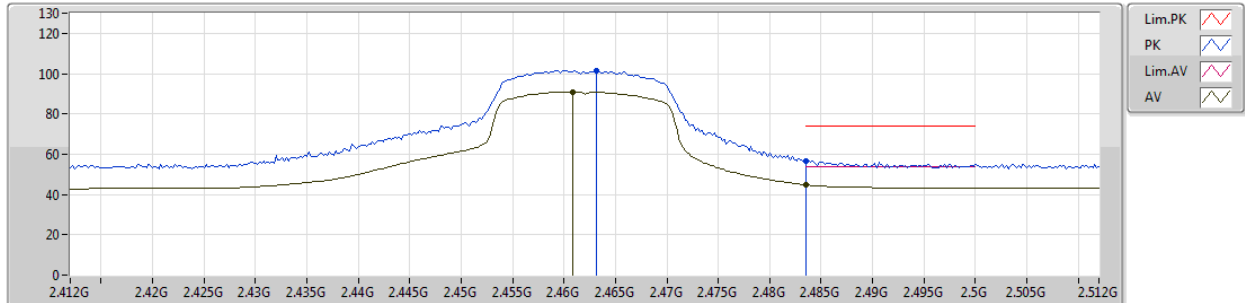


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.461G	97.80	Inf	-Inf	30.90	3	Vertical	82	1.12	-
AV	2.4835G	51.05	54.00	-2.95	30.97	3	Vertical	82	1.12	-
PK	2.4598G	109.51	Inf	-Inf	30.89	3	Vertical	82	1.12	-
PK	2.4835G	64.16	74.00	-9.84	30.97	3	Vertical	82	1.12	-

802.11g_Nss1,(6Mbps)_1TX

12/10/2018

2462MHz_TX

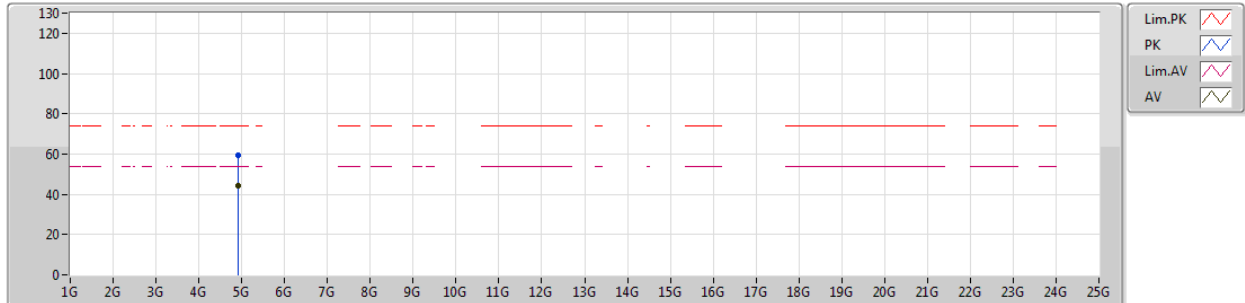


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4608G	90.95	Inf	-Inf	30.90	3	Horizontal	167	1.19	-
AV	2.4835G	44.82	54.00	-9.18	30.97	3	Horizontal	167	1.19	-
PK	2.4632G	101.58	Inf	-Inf	30.90	3	Horizontal	167	1.19	-
PK	2.4835G	56.66	74.00	-17.34	30.97	3	Horizontal	167	1.19	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2462MHz_TX

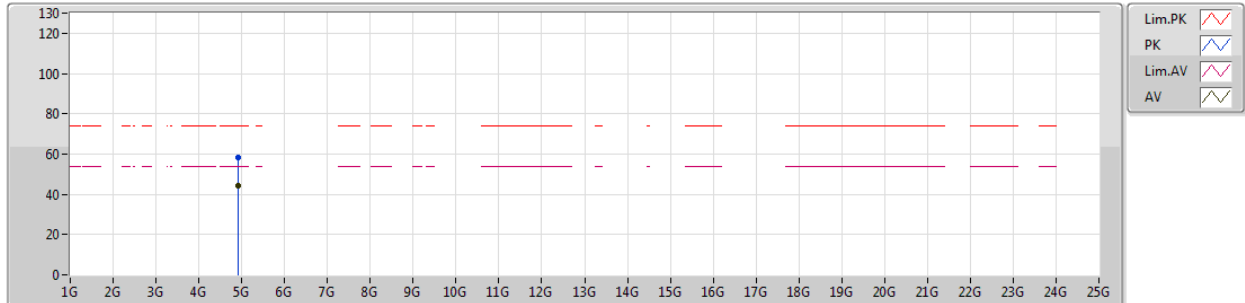


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92376G	44.31	54.00	-9.69	6.09	3	Vertical	126	1.86	-
PK	4.92436G	59.20	74.00	-14.80	6.09	3	Vertical	126	1.86	-

802.11g_Nss1,(6Mbps)_1TX

20/09/2018

2462MHz_TX

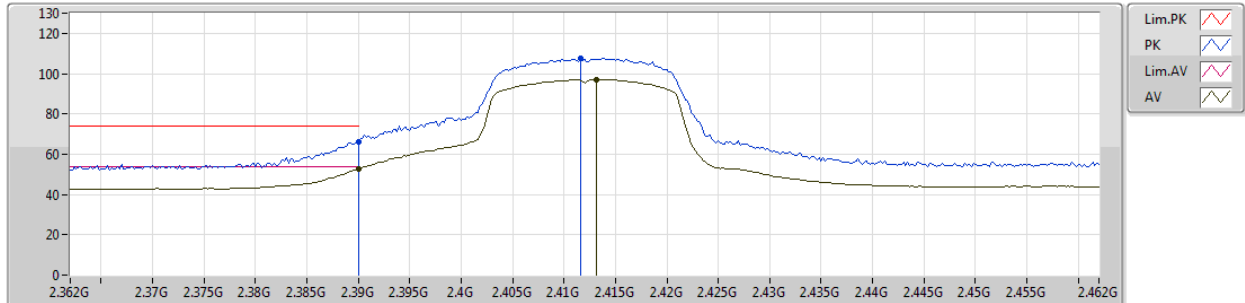


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9249G	44.38	54.00	-9.62	6.09	3	Horizontal	172	2.52	-
PK	4.92574G	58.30	74.00	-15.70	6.10	3	Horizontal	172	2.52	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2412MHz_TX

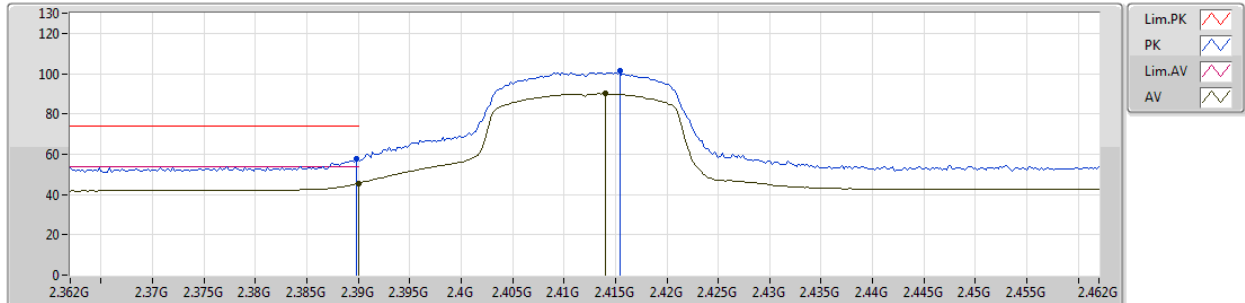


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.39G	52.61	54.00	-1.39	30.38	3	Vertical	216	2.51	-							
AV	2.4132G	96.98	Inf	-Inf	30.45	3	Vertical	216	2.51	-							
PK	2.39G	66.25	74.00	-7.75	30.38	3	Vertical	216	2.51	-							
PK	2.4116G	107.73	Inf	-Inf	30.45	3	Vertical	216	2.51	-							

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2412MHz_TX

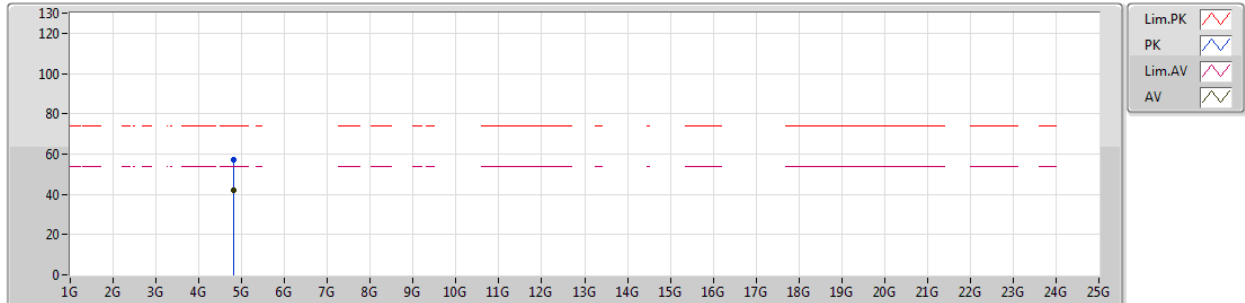


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.58	54.00	-8.42	30.38	3	Horizontal	32	3.06	-
AV	2.414G	90.02	Inf	-Inf	30.45	3	Horizontal	32	3.06	-
PK	2.3898G	57.83	74.00	-16.17	30.38	3	Horizontal	32	3.06	-
PK	2.4154G	101.42	Inf	-Inf	30.47	3	Horizontal	32	3.06	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2412MHz_TX

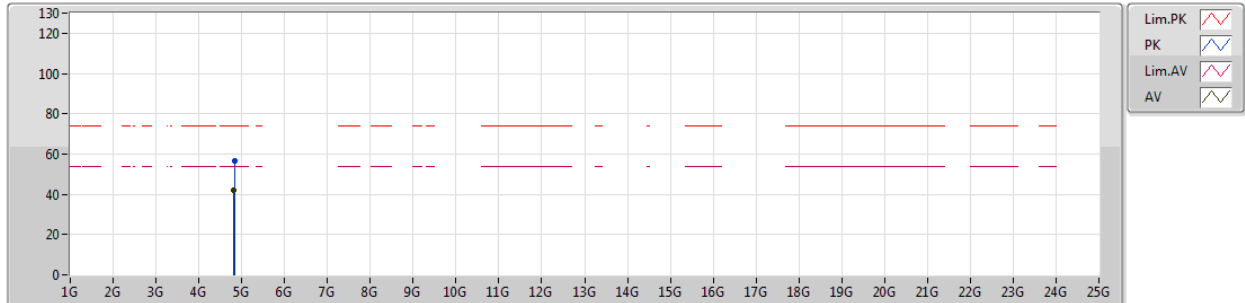


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8246G	42.05	54.00	-11.95	5.89	3	Vertical	167	1.33	-
PK	4.82376G	57.10	74.00	-16.90	5.89	3	Vertical	167	1.33	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2412MHz_TX

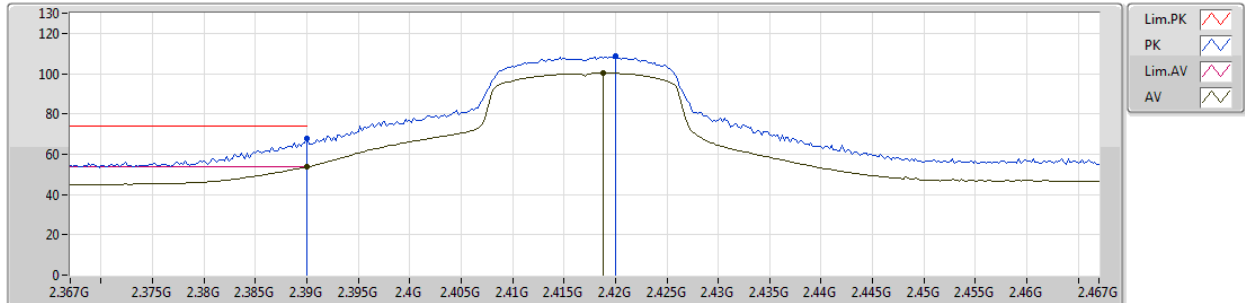


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82454G	41.79	54.00	-12.21	5.89	3	Horizontal	178	2.23	-
PK	4.82544G	56.66	74.00	-17.34	5.90	3	Horizontal	178	2.23	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2417MHz_TX

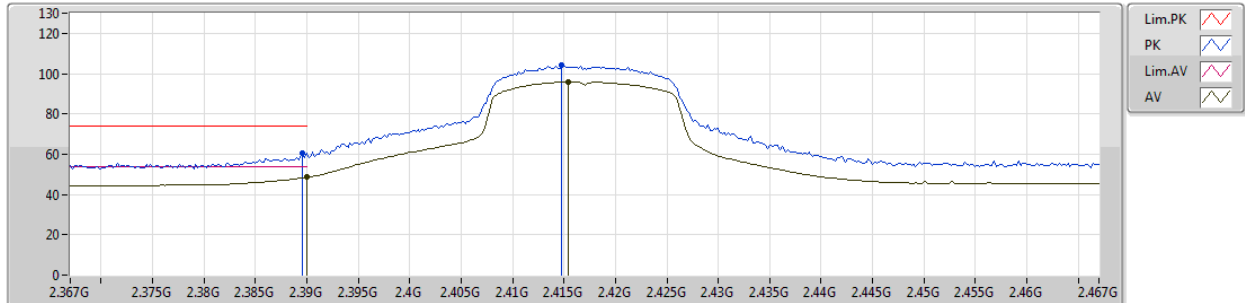


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.63	54.00	-0.37	30.77	3	Vertical	31	2.95	-
AV	2.4188G	100.23	Inf	-Inf	30.88	3	Vertical	31	2.95	-
PK	2.39G	67.90	74.00	-6.10	30.77	3	Vertical	31	2.95	-
PK	2.42G	108.47	Inf	-Inf	30.89	3	Vertical	31	2.95	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2417MHz_TX

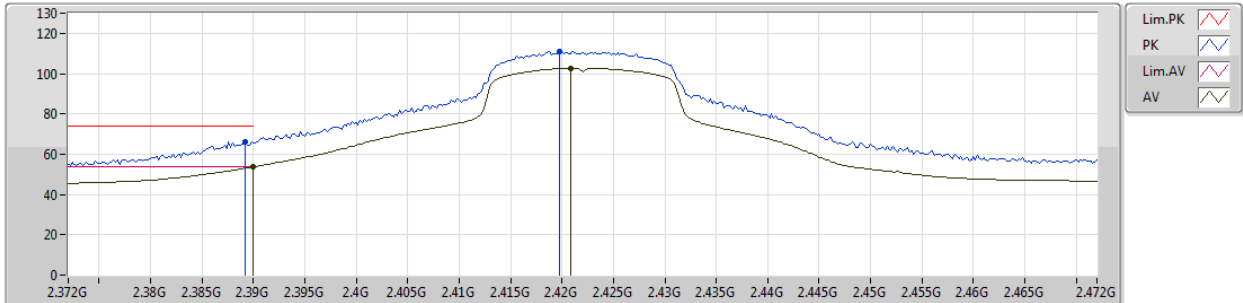


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.39G	48.56	54.00	-5.44	30.77	3	Horizontal	173	3.09	-							
AV	2.4154G	95.84	Inf	-Inf	30.86	3	Horizontal	173	3.09	-							
PK	2.3896G	60.45	74.00	-13.55	30.77	3	Horizontal	173	3.09	-							
PK	2.4148G	104.05	Inf	-Inf	30.86	3	Horizontal	173	3.09	-							

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

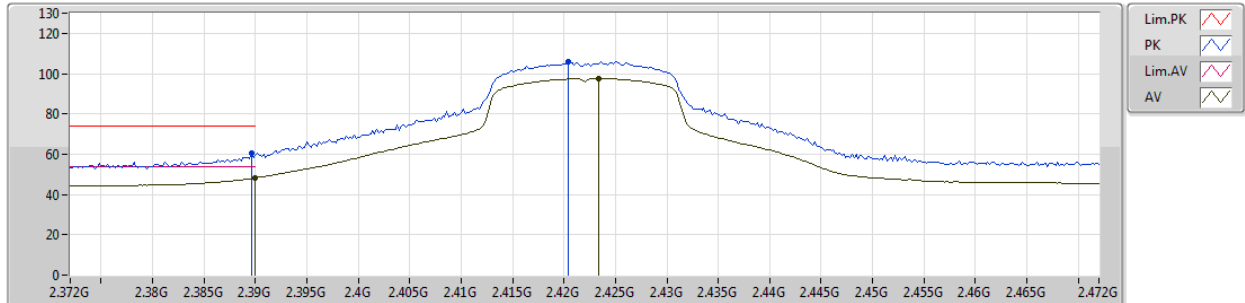


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.65	54.00	-0.35	30.77	3	Vertical	31	2.64	-
AV	2.4208G	102.72	Inf	-Inf	30.89	3	Vertical	31	2.64	-
PK	2.3892G	66.40	74.00	-7.60	30.77	3	Vertical	31	2.64	-
PK	2.4198G	111.06	Inf	-Inf	30.89	3	Vertical	31	2.64	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

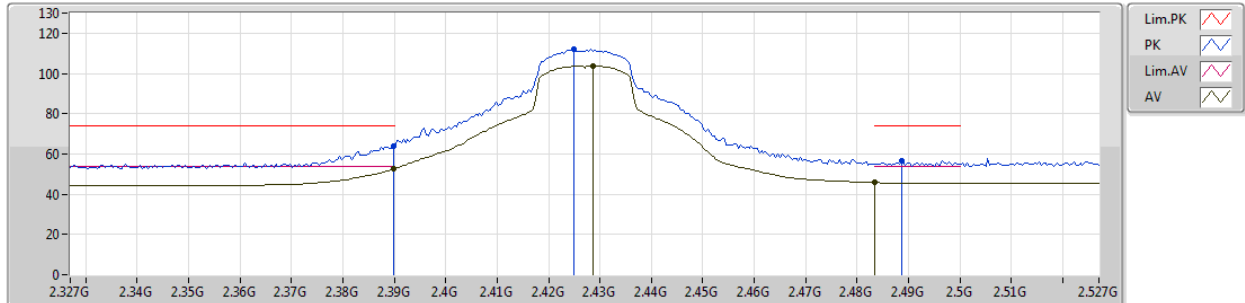


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	2.39G	48.22	54.00	-5.78	30.77	3	Horizontal	173	3.05	-							
AV	2.4234G	97.50	Inf	-Inf	30.90	3	Horizontal	173	3.05	-							
PK	2.3896G	60.33	74.00	-13.67	30.77	3	Horizontal	173	3.05	-							
PK	2.4204G	106.18	Inf	-Inf	30.89	3	Horizontal	173	3.05	-							

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2427MHz_TX

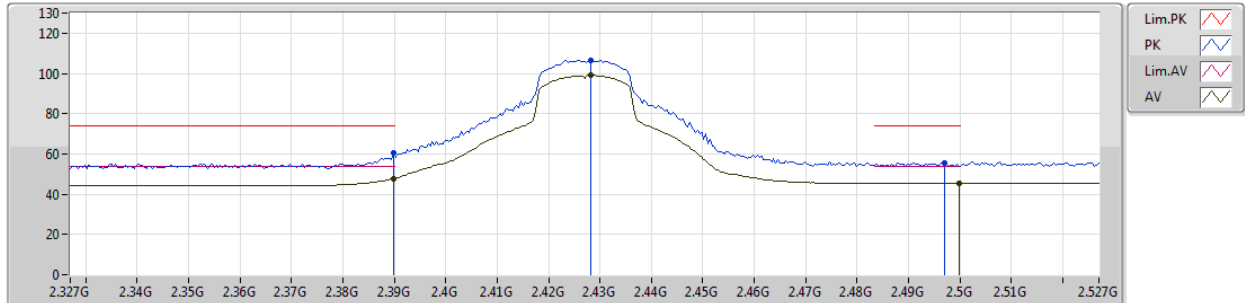


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.40	54.00	-1.60	30.77	3	Vertical	31	2.63	-
AV	2.4286G	103.79	Inf	-Inf	30.91	3	Vertical	31	2.63	-
AV	2.4835G	45.71	54.00	-8.29	31.11	3	Vertical	31	2.63	-
PK	2.3898G	63.80	74.00	-10.20	30.77	3	Vertical	31	2.63	-
PK	2.425G	111.95	Inf	-Inf	30.90	3	Vertical	31	2.63	-
PK	2.4886G	56.41	74.00	-17.59	31.13	3	Vertical	31	2.63	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2427MHz_TX

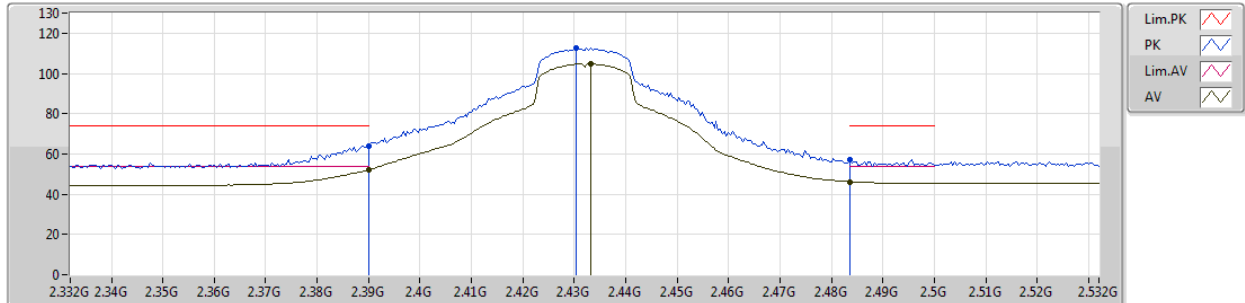


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.55	54.00	-6.45	30.77	3	Horizontal	174	3.05	-
AV	2.4282G	98.95	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
AV	2.4998G	45.23	54.00	-8.77	31.17	3	Horizontal	174	3.05	-
PK	2.3898G	60.26	74.00	-13.74	30.77	3	Horizontal	174	3.05	-
PK	2.4282G	106.68	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
PK	2.497G	55.57	74.00	-18.43	31.16	3	Horizontal	174	3.05	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2432MHz_TX

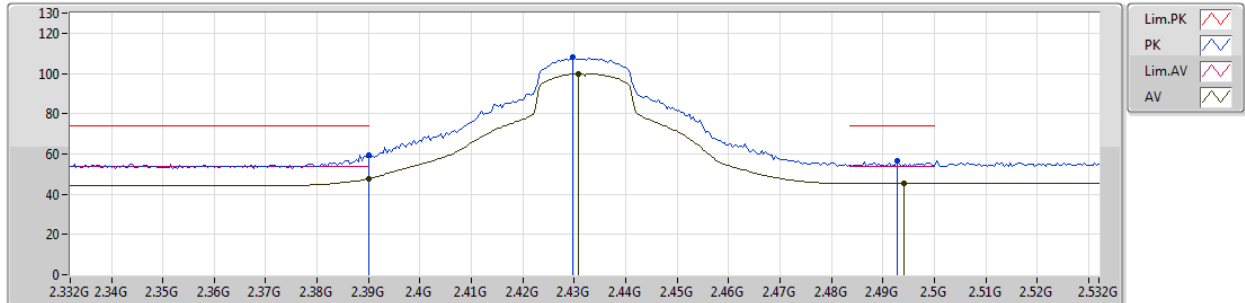


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	52.07	54.00	-1.93	30.77	3	Vertical	34	2.63	-
AV	2.4332G	104.63	Inf	-Inf	30.93	3	Vertical	34	2.63	-
AV	2.4835G	46.22	54.00	-7.78	31.11	3	Vertical	34	2.63	-
PK	2.39G	64.13	74.00	-9.87	30.77	3	Vertical	34	2.63	-
PK	2.4304G	112.56	Inf	-Inf	30.92	3	Vertical	34	2.63	-
PK	2.4835G	57.20	74.00	-16.80	31.11	3	Vertical	34	2.63	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2432MHz_TX

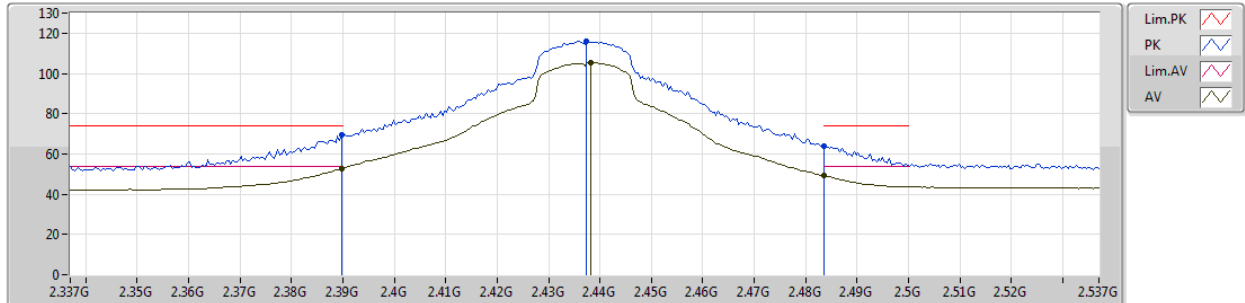


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.61	54.00	-6.39	30.77	3	Horizontal	174	3.05	-
AV	2.4308G	100.00	Inf	-Inf	30.92	3	Horizontal	174	3.05	-
AV	2.494G	45.27	54.00	-8.73	31.15	3	Horizontal	174	3.05	-
PK	2.39G	59.35	74.00	-14.65	30.77	3	Horizontal	174	3.05	-
PK	2.4296G	107.95	Inf	-Inf	30.91	3	Horizontal	174	3.05	-
PK	2.4928G	56.52	74.00	-17.48	31.14	3	Horizontal	174	3.05	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

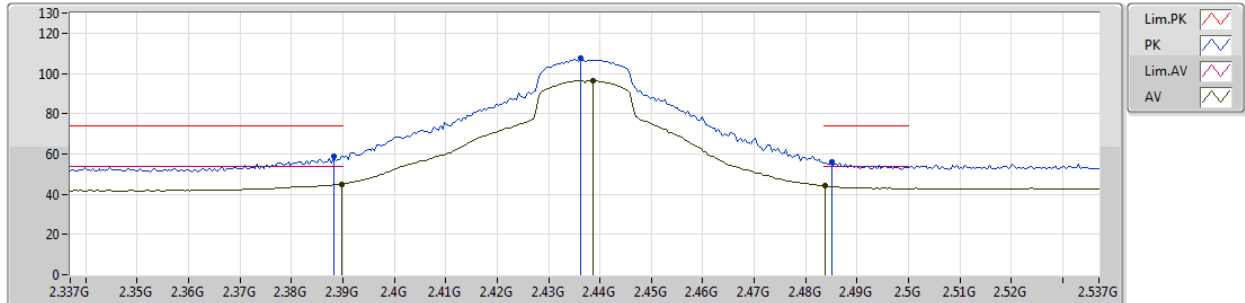


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.73	54.00	-1.27	30.38	3	Vertical	273	2.82	-
AV	2.4382G	105.20	Inf	-Inf	30.54	3	Vertical	273	2.82	-
AV	2.4835G	49.18	54.00	-4.82	30.69	3	Vertical	273	2.82	-
PK	2.3898G	69.31	74.00	-4.69	30.38	3	Vertical	273	2.82	-
PK	2.4374G	115.90	Inf	-Inf	30.54	3	Vertical	273	2.82	-
PK	2.4835G	64.10	74.00	-9.90	30.69	3	Vertical	273	2.82	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

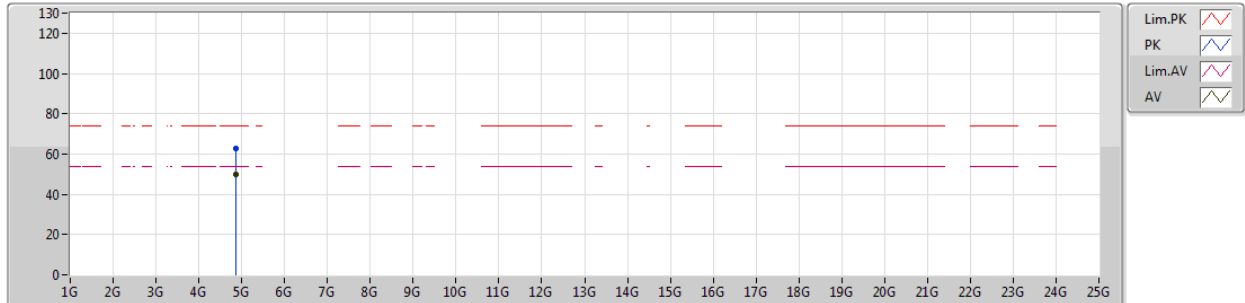


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.09	54.00	-8.91	30.38	3	Horizontal	213	1.01	-
AV	2.4386G	96.58	Inf	-Inf	30.54	3	Horizontal	213	1.01	-
AV	2.4838G	44.03	54.00	-9.97	30.69	3	Horizontal	213	1.01	-
PK	2.3882G	58.66	74.00	-15.34	30.37	3	Horizontal	213	1.01	-
PK	2.4362G	107.68	Inf	-Inf	30.54	3	Horizontal	213	1.01	-
PK	2.485G	56.29	74.00	-17.71	30.69	3	Horizontal	213	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

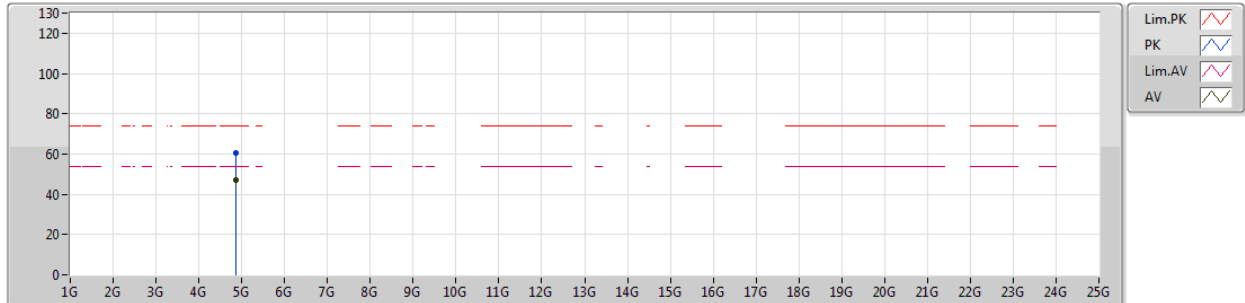


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.87472G	49.69	54.00	-4.31	6.00	3	Vertical	293	2.22	-							
PK	4.8746G	62.75	74.00	-11.25	6.00	3	Vertical	293	2.22	-							

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

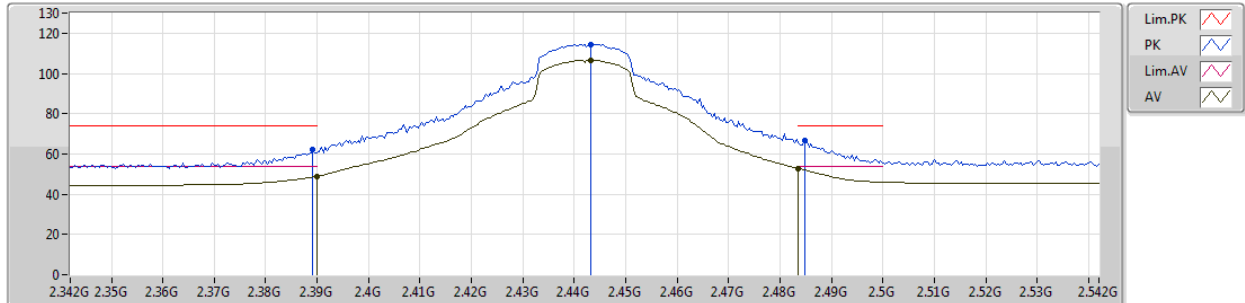


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.87478G	47.29	54.00	-6.71	6.00	3	Horizontal	171	2.45	-								
PK	4.87448G	60.67	74.00	-13.33	6.00	3	Horizontal	171	2.45	-								

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2442MHz_TX

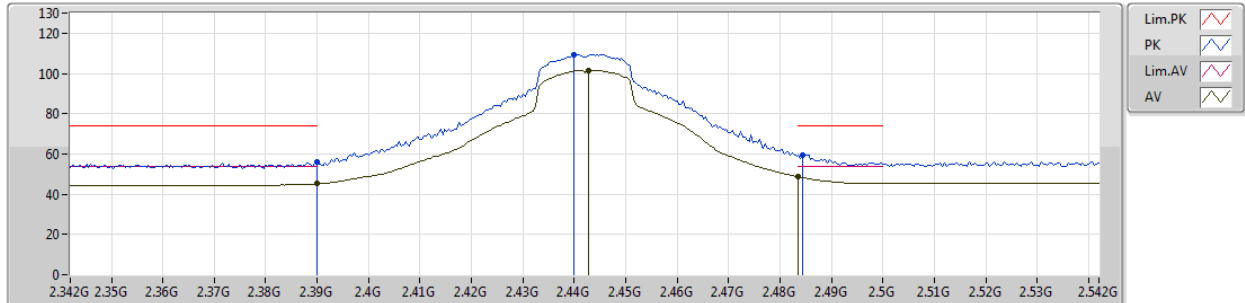


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.86	54.00	-5.14	30.77	3	Vertical	35	2.57	-
AV	2.4432G	106.50	Inf	-Inf	30.96	3	Vertical	35	2.57	-
AV	2.4835G	52.68	54.00	-1.32	31.11	3	Vertical	35	2.57	-
PK	2.3892G	62.40	74.00	-11.60	30.77	3	Vertical	35	2.57	-
PK	2.4432G	114.57	Inf	-Inf	30.96	3	Vertical	35	2.57	-
PK	2.4848G	66.53	74.00	-7.47	31.12	3	Vertical	35	2.57	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2442MHz_TX

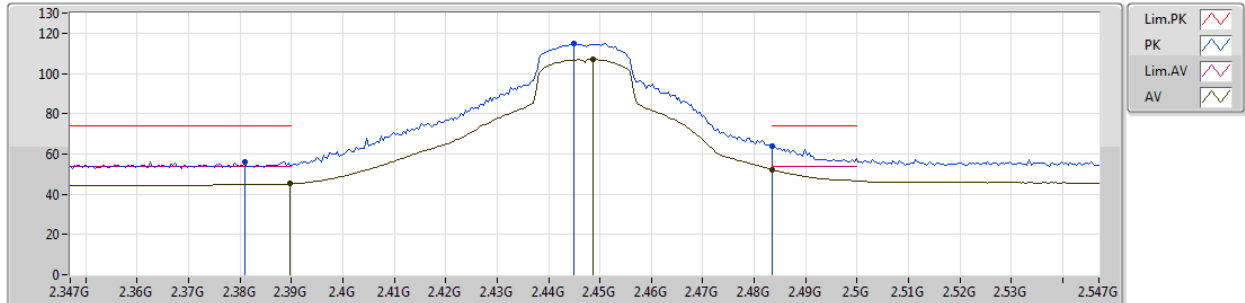


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.12	54.00	-8.88	30.77	3	Horizontal	176	3.00	-
AV	2.4428G	101.61	Inf	-Inf	30.96	3	Horizontal	176	3.00	-
AV	2.4835G	48.56	54.00	-5.44	31.11	3	Horizontal	176	3.00	-
PK	2.39G	55.78	74.00	-18.22	30.77	3	Horizontal	176	3.00	-
PK	2.44G	109.51	Inf	-Inf	30.95	3	Horizontal	176	3.00	-
PK	2.4844G	59.47	74.00	-14.53	31.12	3	Horizontal	176	3.00	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2447MHz_TX

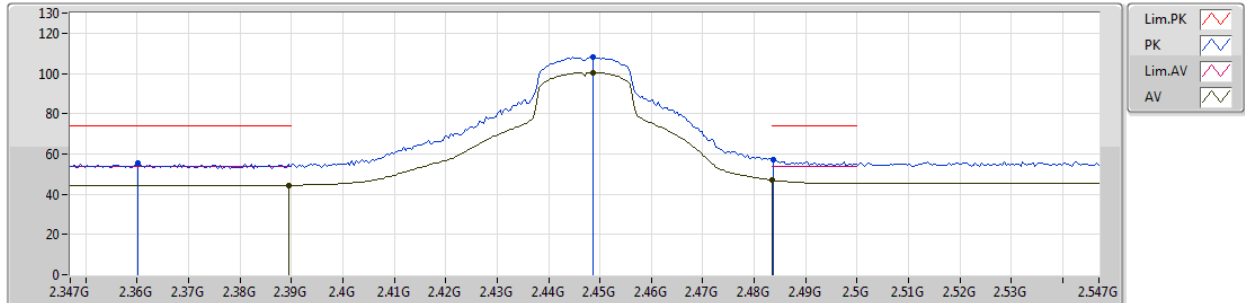


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.14	54.00	-8.86	30.77	3	Vertical	315	2.79	-
AV	2.4486G	106.87	Inf	-Inf	30.99	3	Vertical	315	2.79	-
AV	2.4835G	52.24	54.00	-1.76	31.11	3	Vertical	315	2.79	-
PK	2.381G	55.97	74.00	-18.03	30.75	3	Vertical	315	2.79	-
PK	2.445G	114.99	Inf	-Inf	30.98	3	Vertical	315	2.79	-
PK	2.4835G	63.92	74.00	-10.08	31.11	3	Vertical	315	2.79	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2447MHz_TX

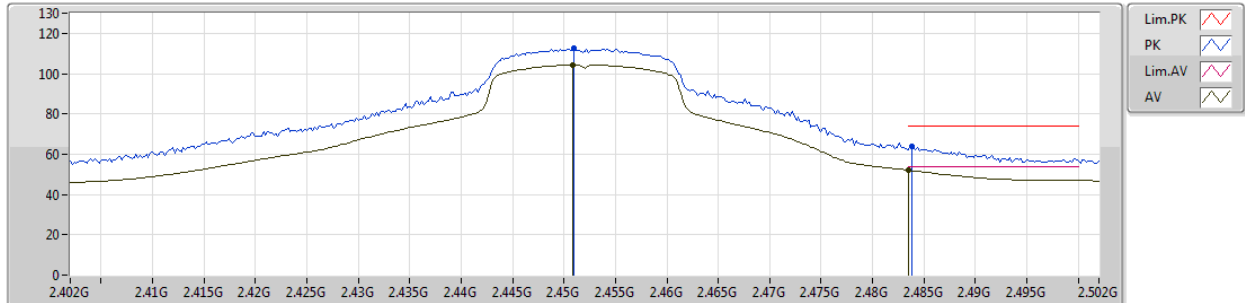


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	44.49	54.00	-9.51	30.77	3	Horizontal	177	3.01	-
AV	2.4486G	100.40	Inf	-Inf	30.99	3	Horizontal	177	3.01	-
AV	2.4835G	46.96	54.00	-7.04	31.11	3	Horizontal	177	3.01	-
PK	2.3602G	55.55	74.00	-18.45	30.67	3	Horizontal	177	3.01	-
PK	2.4486G	108.35	Inf	-Inf	30.99	3	Horizontal	177	3.01	-
PK	2.4838G	57.04	74.00	-16.96	31.11	3	Horizontal	177	3.01	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX

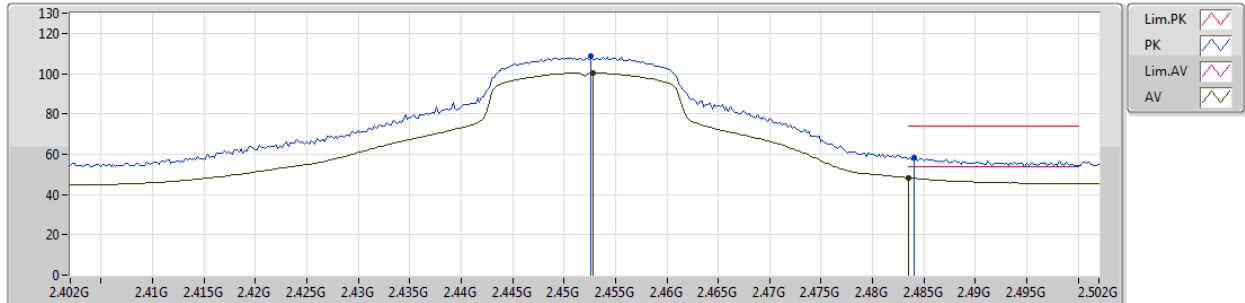


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4508G	104.22	Inf	-Inf	30.99	3	Vertical	36	2.58	-
AV	2.4835G	52.05	54.00	-1.95	31.11	3	Vertical	36	2.58	-
PK	2.451G	112.43	Inf	-Inf	30.99	3	Vertical	36	2.58	-
PK	2.4838G	63.92	74.00	-10.08	31.11	3	Vertical	36	2.58	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX

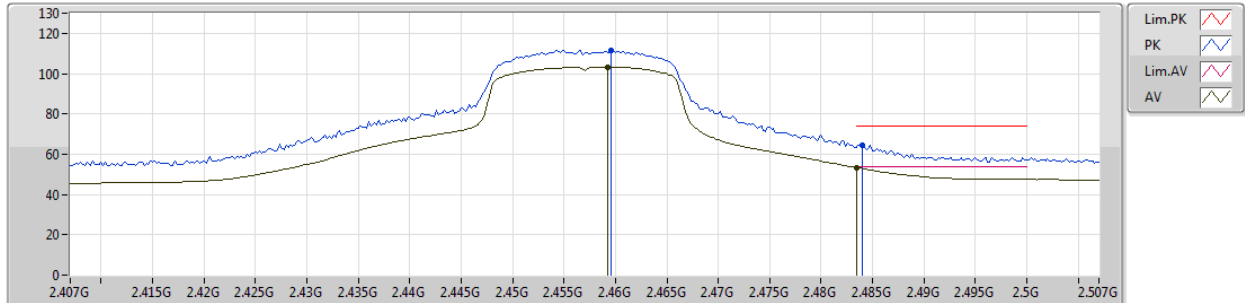


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4528G	100.20	Inf	-Inf	31.00	3	Horizontal	177	3.00	-
AV	2.4835G	48.31	54.00	-5.69	31.11	3	Horizontal	177	3.00	-
PK	2.4526G	108.53	Inf	-Inf	31.00	3	Horizontal	177	3.00	-
PK	2.484G	58.23	74.00	-15.77	31.12	3	Horizontal	177	3.00	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2457MHz_TX

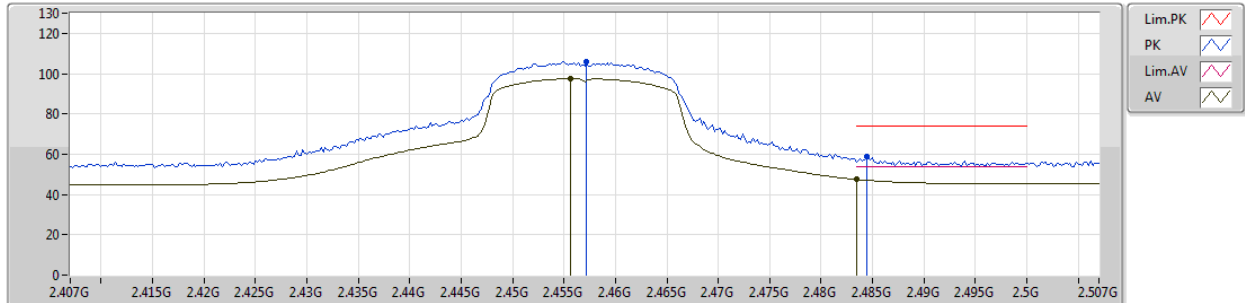


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4592G	103.33	Inf	-Inf	31.03	3	Vertical	312	3.09	-
AV	2.4835G	53.31	54.00	-0.69	31.11	3	Vertical	312	3.09	-
PK	2.4596G	111.52	Inf	-Inf	31.03	3	Vertical	312	3.09	-
PK	2.484G	64.47	74.00	-9.53	31.12	3	Vertical	312	3.09	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2457MHz_TX

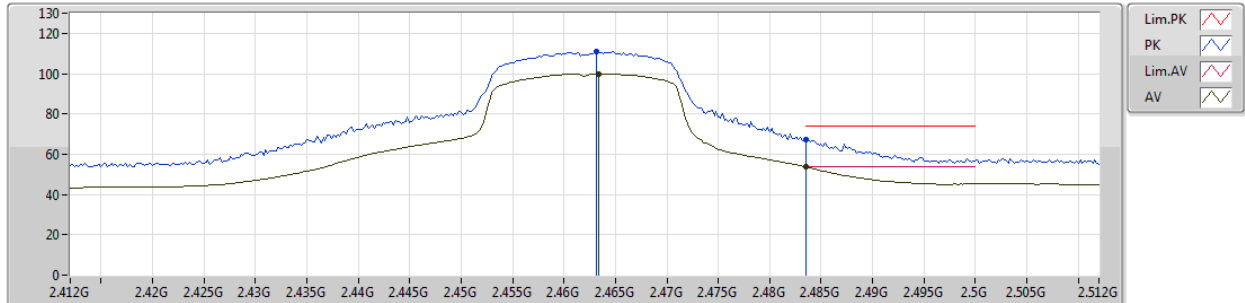


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4556G	97.41	Inf	-Inf	31.01	3	Horizontal	175	3.00	-
AV	2.4835G	47.43	54.00	-6.57	31.11	3	Horizontal	175	3.00	-
PK	2.4572G	105.95	Inf	-Inf	31.02	3	Horizontal	175	3.00	-
PK	2.4844G	58.63	74.00	-15.37	31.12	3	Horizontal	175	3.00	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2462MHz_TX

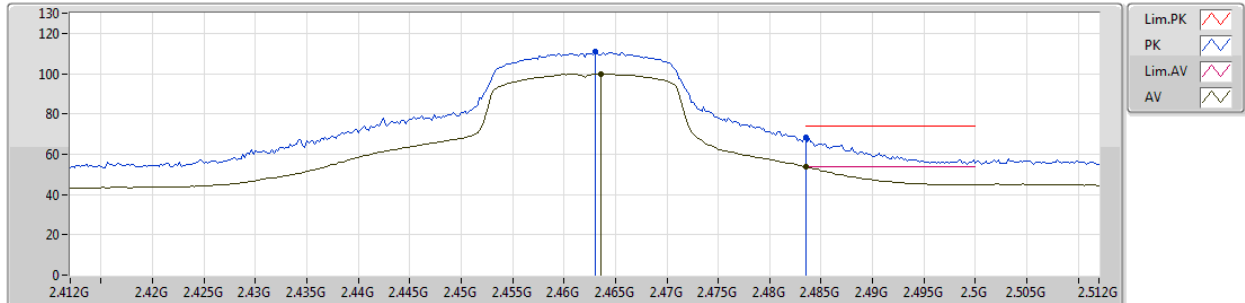


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4634G	99.83	Inf	-Inf	30.62	3	Vertical	270	3.07	-
AV	2.4835G	53.70	54.00	-0.30	30.69	3	Vertical	270	3.07	-
PK	2.4632G	110.97	Inf	-Inf	30.62	3	Vertical	270	3.07	-
PK	2.4835G	67.12	74.00	-6.88	30.69	3	Vertical	270	3.07	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2462MHz_TX

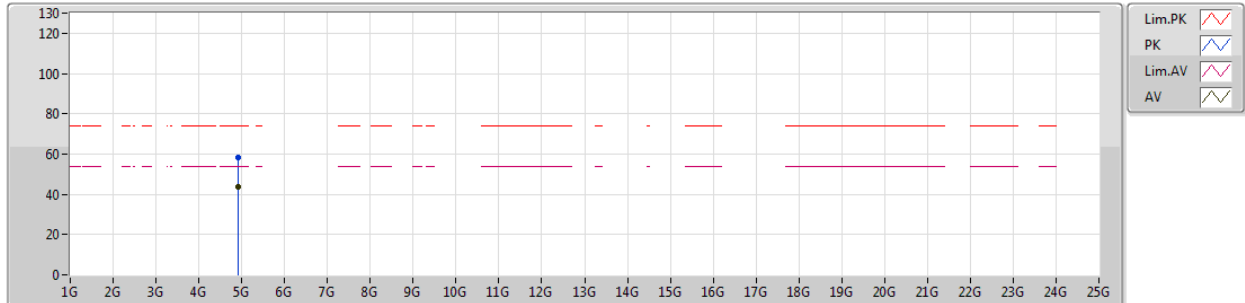


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4636G	99.72	Inf	-Inf	30.62	3	Horizontal	207	3.07	-
AV	2.4835G	53.89	54.00	-0.11	30.69	3	Horizontal	207	3.07	-
PK	2.463G	110.85	Inf	-Inf	30.62	3	Horizontal	207	3.07	-
PK	2.4835G	68.42	74.00	-5.58	30.69	3	Horizontal	207	3.07	-

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2462MHz_TX

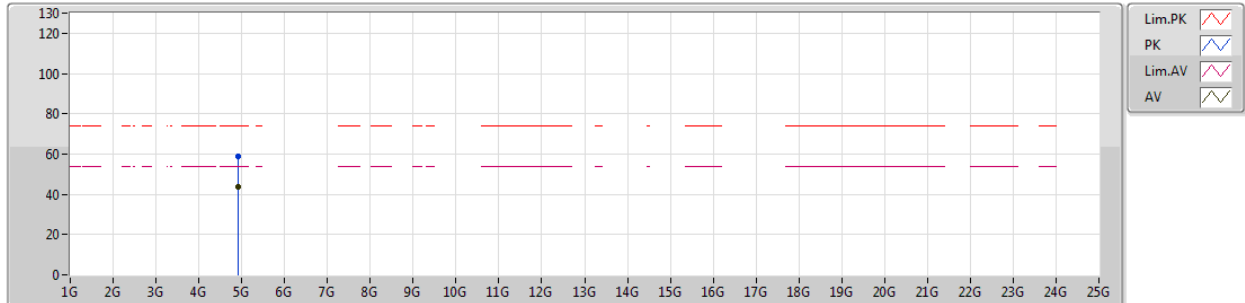


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.92442G	43.76	54.00	-10.24	6.09	3	Vertical	127	1.83	-								
PK	4.9255G	58.22	74.00	-15.78	6.10	3	Vertical	127	1.83	-								

802.11n HT20_Nss1,(MCS0)_1TX

20/09/2018

2462MHz_TX

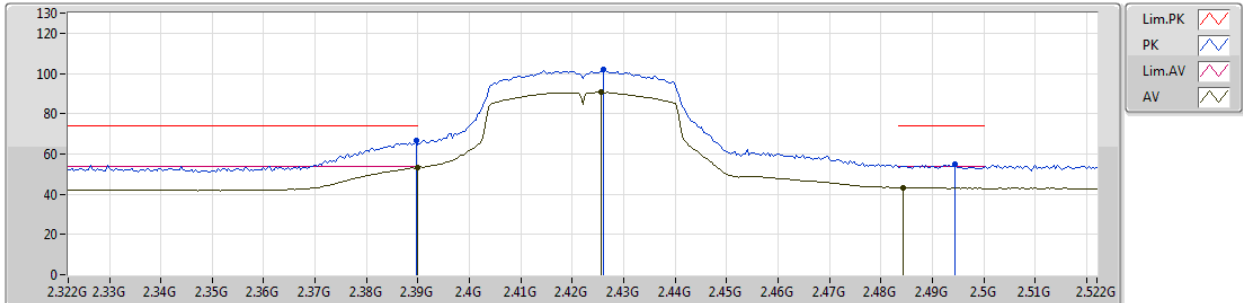


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92316G	43.98	54.00	-10.02	6.09	3	Horizontal	171	2.36	-
PK	4.92742G	58.81	74.00	-15.19	6.10	3	Horizontal	171	2.36	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

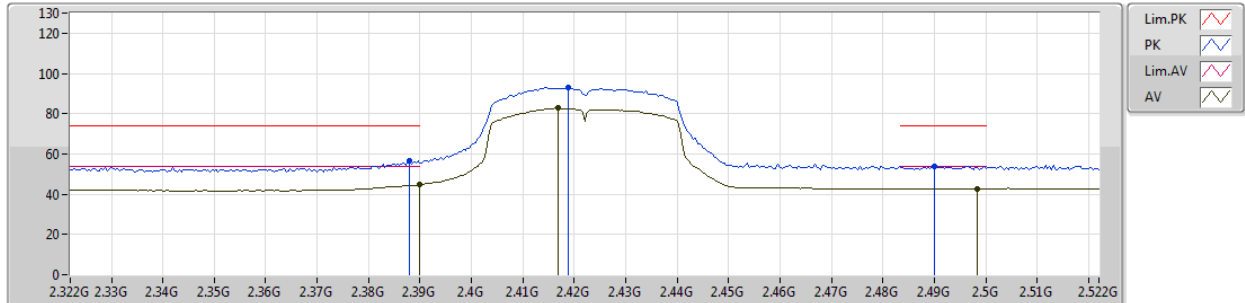


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.31	54.00	-0.69	30.38	3	Vertical	290	2.85	-
AV	2.4256G	90.56	Inf	-Inf	30.50	3	Vertical	290	2.85	-
AV	2.4844G	43.22	54.00	-10.78	30.69	3	Vertical	290	2.85	-
PK	2.3896G	66.47	74.00	-7.53	30.38	3	Vertical	290	2.85	-
PK	2.426G	102.00	Inf	-Inf	30.50	3	Vertical	290	2.85	-
PK	2.4944G	54.66	74.00	-19.34	30.73	3	Vertical	290	2.85	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

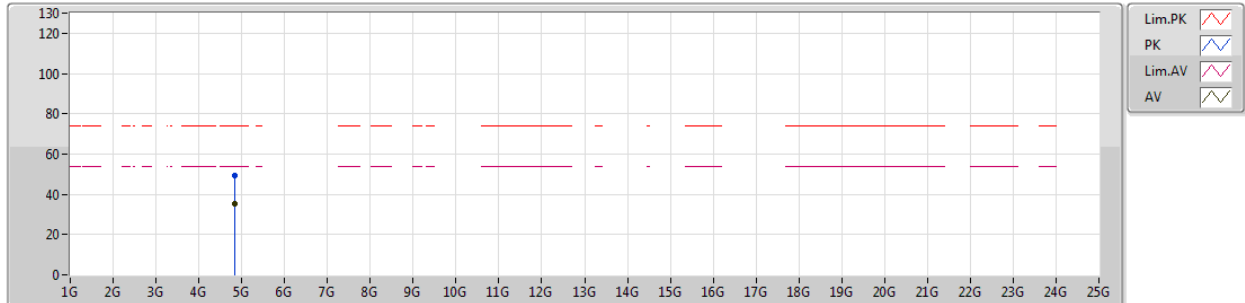


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	44.81	54.00	-9.19	30.38	3	Horizontal	33	3.09	-
AV	2.4168G	82.75	Inf	-Inf	30.47	3	Horizontal	33	3.09	-
AV	2.4984G	42.83	54.00	-11.17	30.75	3	Horizontal	33	3.09	-
PK	2.388G	56.81	74.00	-17.19	30.37	3	Horizontal	33	3.09	-
PK	2.4188G	92.86	Inf	-Inf	30.48	3	Horizontal	33	3.09	-
PK	2.49G	54.04	74.00	-19.96	30.72	3	Horizontal	33	3.09	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

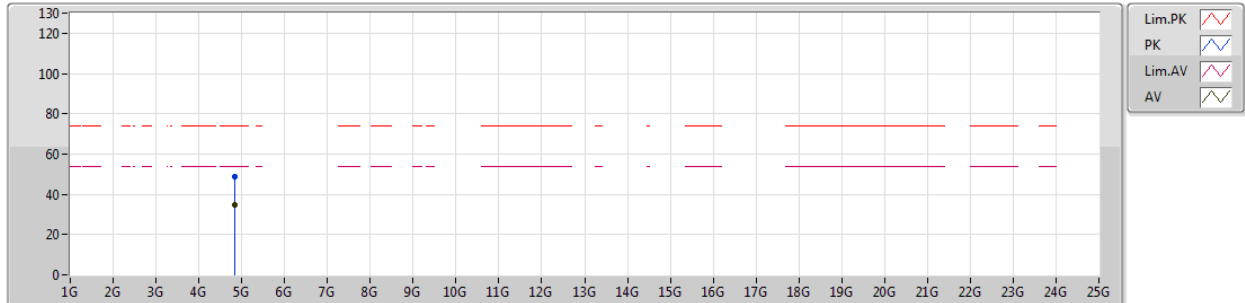


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8437G	35.13	54.00	-18.87	5.93	3	Vertical	104	2.24	-
PK	4.84568G	49.49	74.00	-24.51	5.93	3	Vertical	104	2.24	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2422MHz_TX

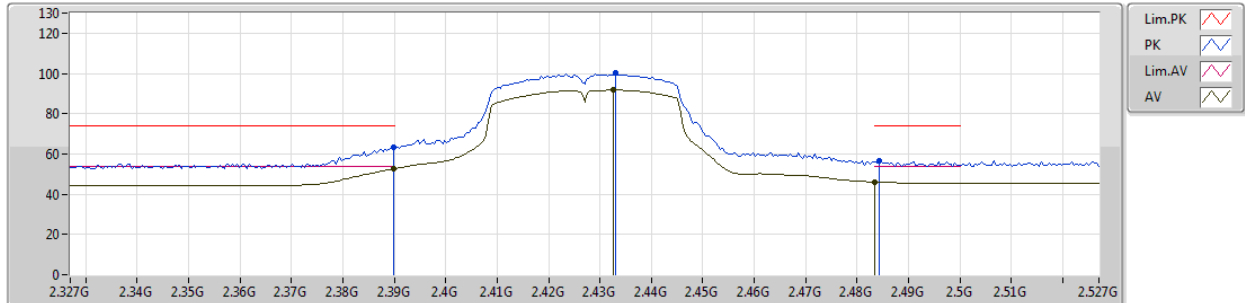


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.85036G	34.49	54.00	-19.51	5.96	3	Horizontal	171	2.32	-
PK	4.84868G	48.87	74.00	-25.13	5.94	3	Horizontal	171	2.32	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2427MHz_TX

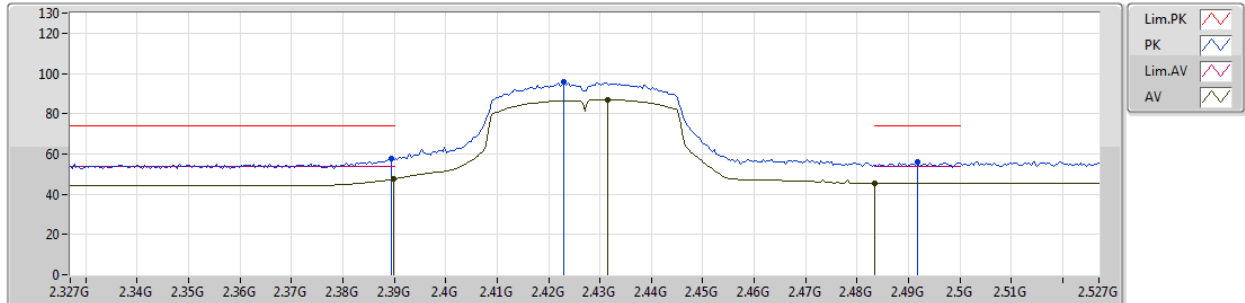


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	52.49	54.00	-1.51	30.77	3	Vertical	33	2.95	-
AV	2.4326G	91.76	Inf	-Inf	30.93	3	Vertical	33	2.95	-
AV	2.4835G	46.02	54.00	-7.98	31.11	3	Vertical	33	2.95	-
PK	2.3898G	63.18	74.00	-10.82	30.77	3	Vertical	33	2.95	-
PK	2.433G	100.38	Inf	-Inf	30.93	3	Vertical	33	2.95	-
PK	2.4842G	56.51	74.00	-17.49	31.12	3	Vertical	33	2.95	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2427MHz_TX

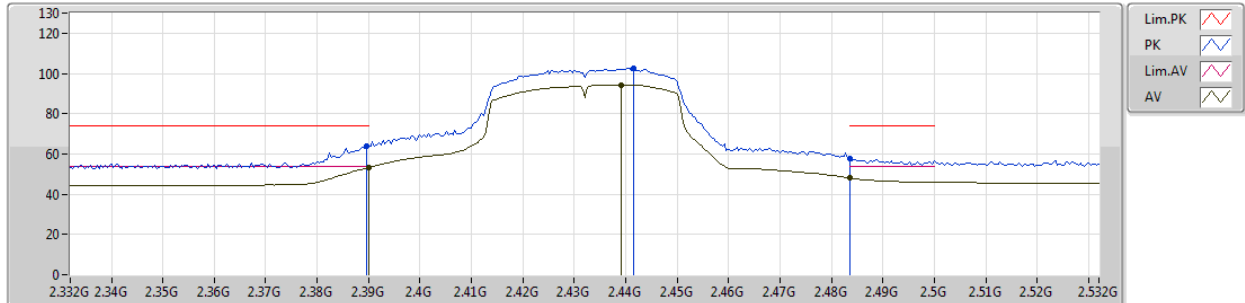


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.40	54.00	-6.60	30.77	3	Horizontal	175	3.05	-
AV	2.4314G	87.12	Inf	-Inf	30.93	3	Horizontal	175	3.05	-
AV	2.4835G	45.25	54.00	-8.75	31.11	3	Horizontal	175	3.05	-
PK	2.3894G	57.45	74.00	-16.55	30.77	3	Horizontal	175	3.05	-
PK	2.423G	95.55	Inf	-Inf	30.89	3	Horizontal	175	3.05	-
PK	2.4918G	55.84	74.00	-18.16	31.14	3	Horizontal	175	3.05	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2432MHz_TX

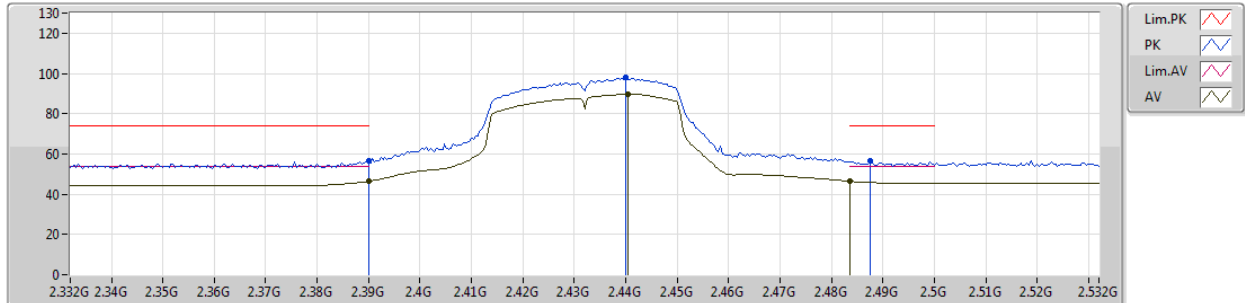


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	53.11	54.00	-0.89	30.77	3	Vertical	36	2.55	-
AV	2.4392G	94.35	Inf	-Inf	30.95	3	Vertical	36	2.55	-
AV	2.4835G	47.94	54.00	-6.06	31.11	3	Vertical	36	2.55	-
PK	2.3896G	63.65	74.00	-10.35	30.77	3	Vertical	36	2.55	-
PK	2.4416G	102.80	Inf	-Inf	30.96	3	Vertical	36	2.55	-
PK	2.4835G	57.60	74.00	-16.40	31.11	3	Vertical	36	2.55	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2432MHz_TX

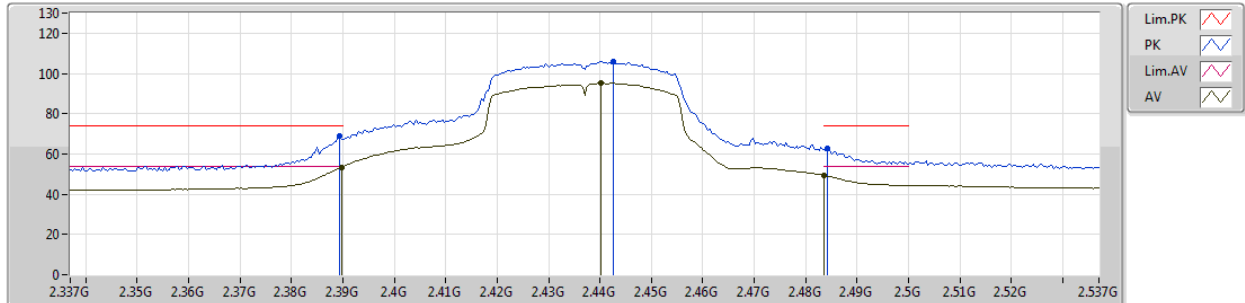


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	46.36	54.00	-7.64	30.77	3	Horizontal	177	2.99	-
AV	2.4404G	89.62	Inf	-Inf	30.95	3	Horizontal	177	2.99	-
AV	2.4835G	46.33	54.00	-7.67	31.11	3	Horizontal	177	2.99	-
PK	2.39G	56.65	74.00	-17.35	30.77	3	Horizontal	177	2.99	-
PK	2.44G	97.84	Inf	-Inf	30.95	3	Horizontal	177	2.99	-
PK	2.4876G	56.34	74.00	-17.66	31.13	3	Horizontal	177	2.99	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

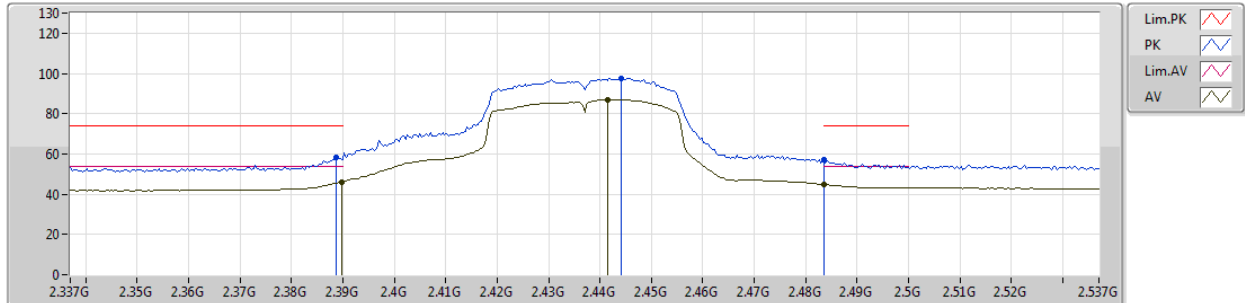


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.36	54.00	-0.64	30.38	3	Vertical	277	2.82	-
AV	2.4402G	95.13	Inf	-Inf	30.55	3	Vertical	277	2.82	-
AV	2.4835G	49.34	54.00	-4.66	30.69	3	Vertical	277	2.82	-
PK	2.3894G	68.91	74.00	-5.09	30.37	3	Vertical	277	2.82	-
PK	2.4426G	105.75	Inf	-Inf	30.55	3	Vertical	277	2.82	-
PK	2.4842G	62.64	74.00	-11.36	30.69	3	Vertical	277	2.82	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

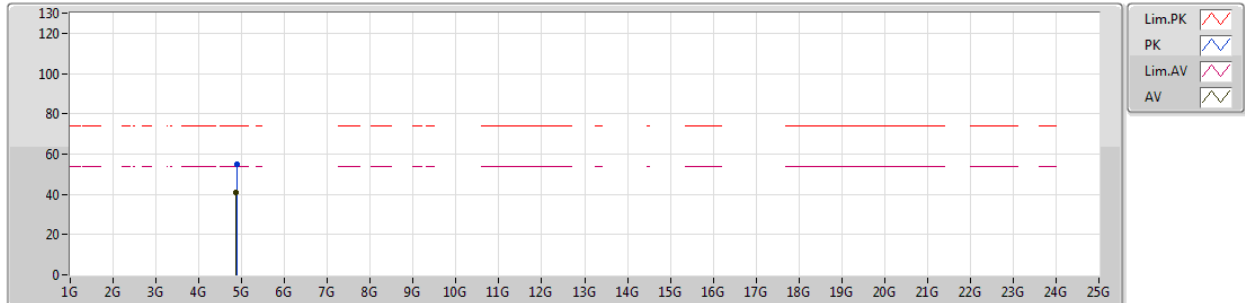


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.02	54.00	-7.98	30.38	3	Horizontal	212	1.05	-
AV	2.4414G	87.03	Inf	-Inf	30.55	3	Horizontal	212	1.05	-
AV	2.4835G	44.78	54.00	-9.22	30.69	3	Horizontal	212	1.05	-
PK	2.3886G	58.15	74.00	-15.85	30.37	3	Horizontal	212	1.05	-
PK	2.4442G	97.57	Inf	-Inf	30.56	3	Horizontal	212	1.05	-
PK	2.4835G	57.15	74.00	-16.85	30.69	3	Horizontal	212	1.05	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

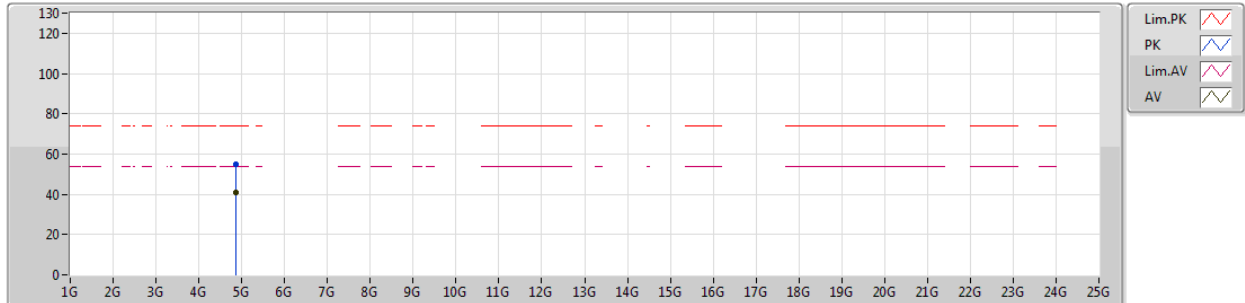


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87508G	40.87	54.00	-13.13	6.01	3	Vertical	222	1.78	-
PK	4.87952G	54.94	74.00	-19.06	6.01	3	Vertical	222	1.78	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2437MHz_TX

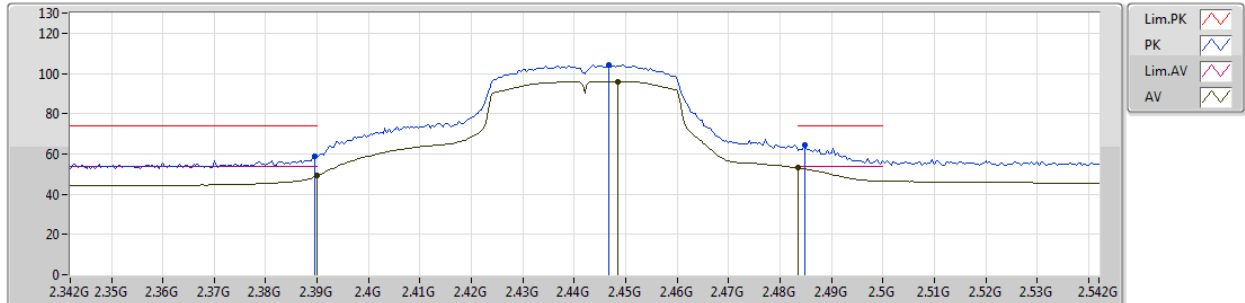


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87526G	40.79	54.00	-13.21	6.01	3	Horizontal	172	2.28	-
PK	4.87382G	54.74	74.00	-19.26	6.00	3	Horizontal	172	2.28	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2442MHz_TX

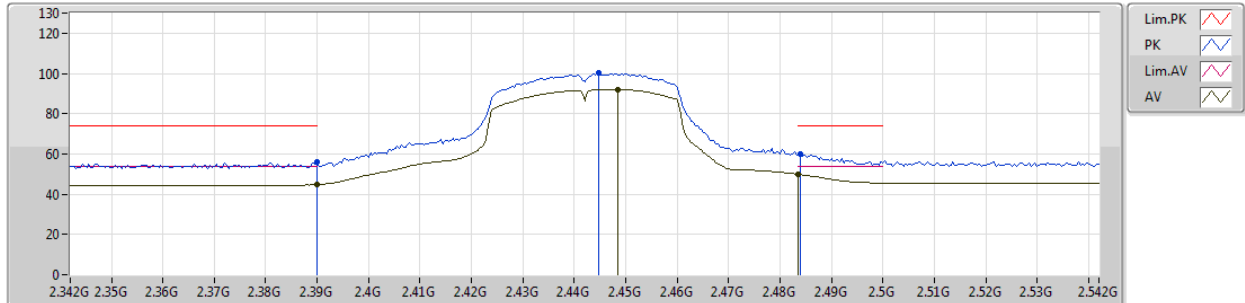


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	49.05	54.00	-4.95	30.77	3	Vertical	41	2.96	-
AV	2.4484G	96.09	Inf	-Inf	30.99	3	Vertical	41	2.96	-
AV	2.4835G	52.97	54.00	-1.03	31.11	3	Vertical	41	2.96	-
PK	2.3896G	58.94	74.00	-15.06	30.77	3	Vertical	41	2.96	-
PK	2.4468G	104.25	Inf	-Inf	30.98	3	Vertical	41	2.96	-
PK	2.4848G	64.16	74.00	-9.84	31.12	3	Vertical	41	2.96	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

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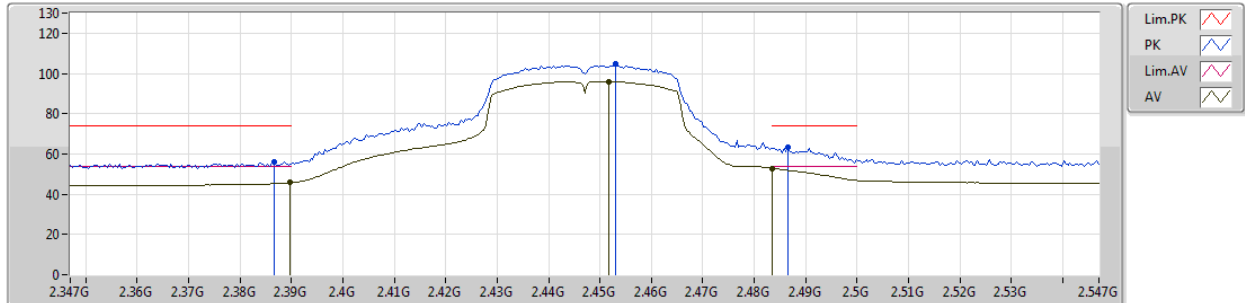


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	44.70	54.00	-9.30	30.77	3	Horizontal	180	2.98	-
AV	2.4484G	91.93	Inf	-Inf	30.99	3	Horizontal	180	2.98	-
AV	2.4835G	49.77	54.00	-4.23	31.11	3	Horizontal	180	2.98	-
PK	2.39G	55.85	74.00	-18.15	30.77	3	Horizontal	180	2.98	-
PK	2.4448G	100.28	Inf	-Inf	30.98	3	Horizontal	180	2.98	-
PK	2.484G	59.69	74.00	-14.31	31.12	3	Horizontal	180	2.98	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2447MHz_TX

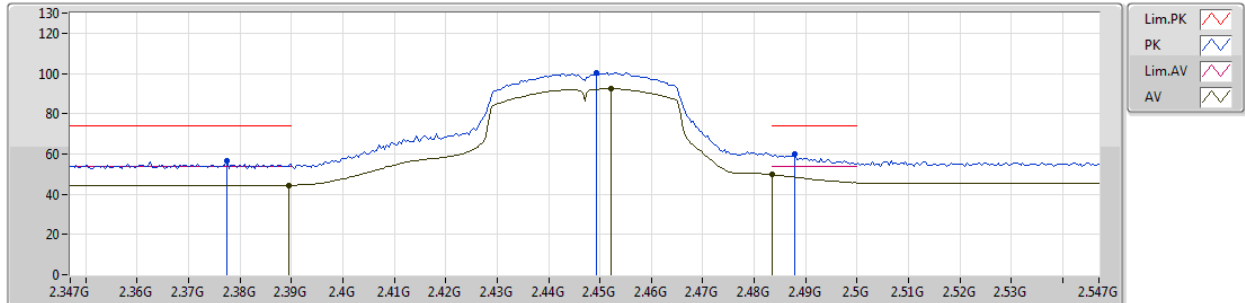


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.70	54.00	-8.30	30.77	3	Vertical	36	2.96	-
AV	2.4518G	96.00	Inf	-Inf	31.00	3	Vertical	36	2.96	-
AV	2.4835G	52.83	54.00	-1.17	31.11	3	Vertical	36	2.96	-
PK	2.3866G	55.93	74.00	-18.07	30.76	3	Vertical	36	2.96	-
PK	2.453G	104.57	Inf	-Inf	31.00	3	Vertical	36	2.96	-
PK	2.4866G	63.34	74.00	-10.66	31.12	3	Vertical	36	2.96	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2447MHz_TX

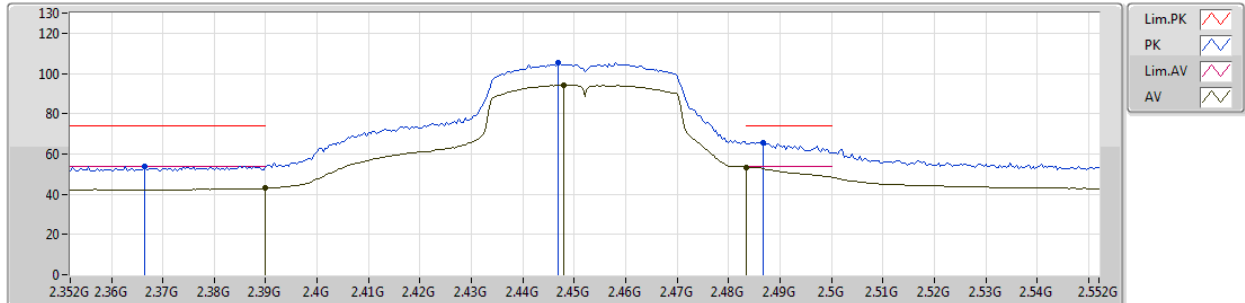


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	44.50	54.00	-9.50	30.77	3	Horizontal	179	3.00	-
AV	2.4522G	92.34	Inf	-Inf	31.00	3	Horizontal	179	3.00	-
AV	2.4835G	49.63	54.00	-4.37	31.11	3	Horizontal	179	3.00	-
PK	2.3774G	56.55	74.00	-17.45	30.73	3	Horizontal	179	3.00	-
PK	2.4494G	100.30	Inf	-Inf	30.99	3	Horizontal	179	3.00	-
PK	2.4878G	60.16	74.00	-13.84	31.13	3	Horizontal	179	3.00	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX

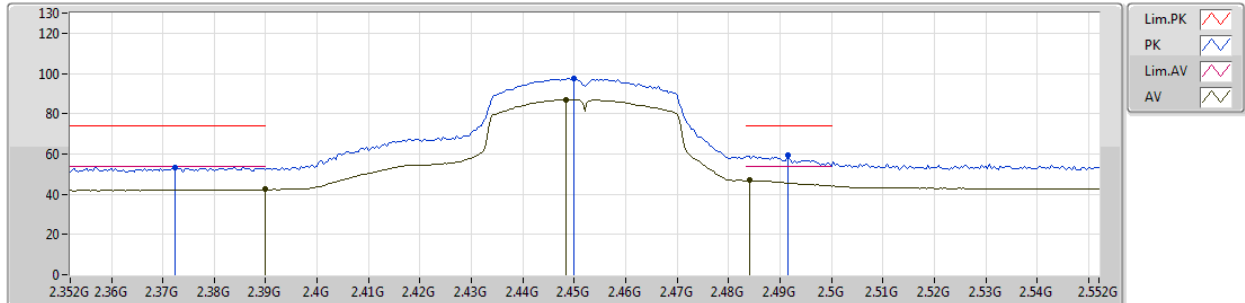


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	42.93	54.00	-11.07	30.38	3	Vertical	276	3.09	-
AV	2.448G	94.25	Inf	-Inf	30.58	3	Vertical	276	3.09	-
AV	2.4835G	53.49	54.00	-0.51	30.69	3	Vertical	276	3.09	-
PK	2.3664G	53.99	74.00	-20.01	30.30	3	Vertical	276	3.09	-
PK	2.4468G	105.25	Inf	-Inf	30.57	3	Vertical	276	3.09	-
PK	2.4868G	65.49	74.00	-8.51	30.71	3	Vertical	276	3.09	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX

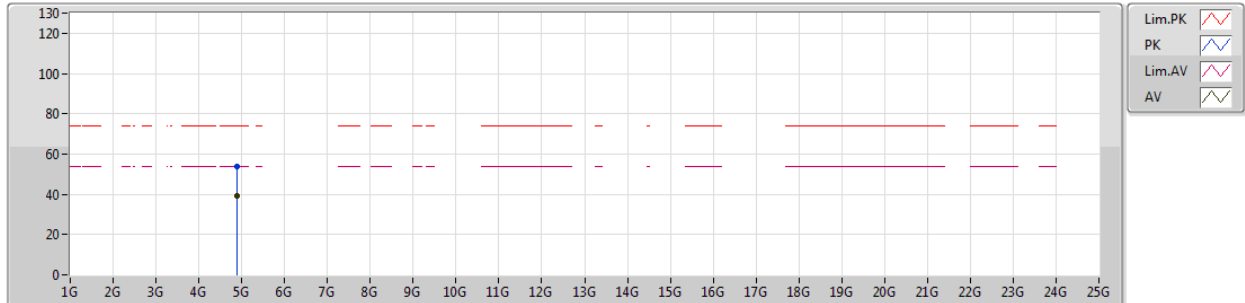


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	42.41	54.00	-11.59	30.38	3	Horizontal	213	1.08	-
AV	2.4484G	86.97	Inf	-Inf	30.58	3	Horizontal	213	1.08	-
AV	2.484G	46.79	54.00	-7.21	30.69	3	Horizontal	213	1.08	-
PK	2.3724G	53.21	74.00	-20.79	30.32	3	Horizontal	213	1.08	-
PK	2.45G	97.49	Inf	-Inf	30.58	3	Horizontal	213	1.08	-
PK	2.4916G	59.18	74.00	-14.82	30.72	3	Horizontal	213	1.08	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX

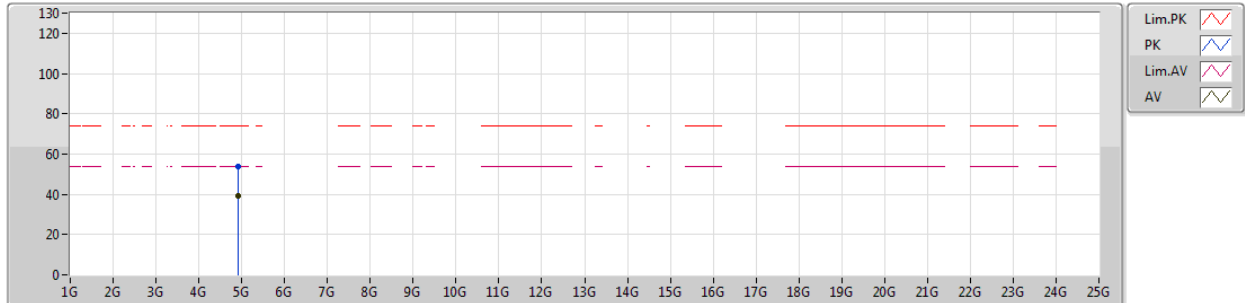


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.89992G	39.45	54.00	-14.55	6.05	3	Vertical	128	1.85	-
PK	4.90358G	54.03	74.00	-19.97	6.06	3	Vertical	128	1.85	-

802.11n HT40_Nss1,(MCS0)_1TX

20/09/2018

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90646G	39.27	54.00	-14.73	6.06	3	Horizontal	170	2.37	-
PK	4.90544G	53.59	74.00	-20.41	6.06	3	Horizontal	170	2.37	-