

FCC Test Report

FCC ID : SWX-M222G
Equipment : WiFi 2.4G Module
Brand Name : UBIQUITI
Model Name : 2x2-2G
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 Aug. 31, 2018, and testing was started from Sep. 19, 2018 and completed on Oct. 23, 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
FR6N2219-03AC	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: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	I-Pex	2
2	2	-	-	internal antenna	I-Pex	2

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.987	0.057	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g	0.907	0.424	1.398m	1k
802.11n HT20	0.886	0.526	1.182m	1k
802.11n HT40	0.777	1.096	589.063u	3k

1.2 Testing Applied Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ KDB 558074 D01 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	Gary	23.6°C / 62%	23/Oct/2018
Radiated	03CH03-HY	Paul	22.5°C / 53.2%	23/Oct/2018
AC Conduction	CO04-HY	Jerry	24.5°C / 55.5%	19/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	120V

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	Adapter 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	Adapter Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V		

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	Test fixture	-	-	-
4	AC adapter for Test fixture	Mass power	NBS18C240050VU	-

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

Support Equipment – Radiated				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Test fixture	-	-	-
2	AC adapter for Test fixture	Mass power	NBS18C240050VU	-

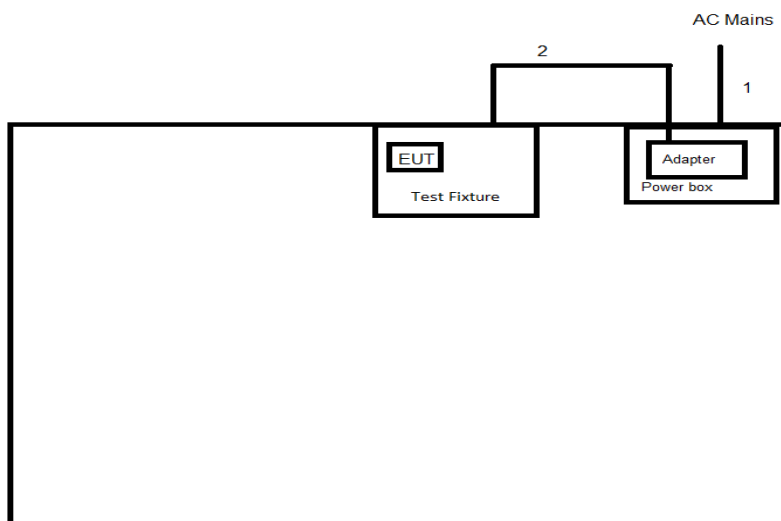
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Test fixture	-	-	-
2	AC adapter for Test fixture	Mass power	NBS18C240050VU	-

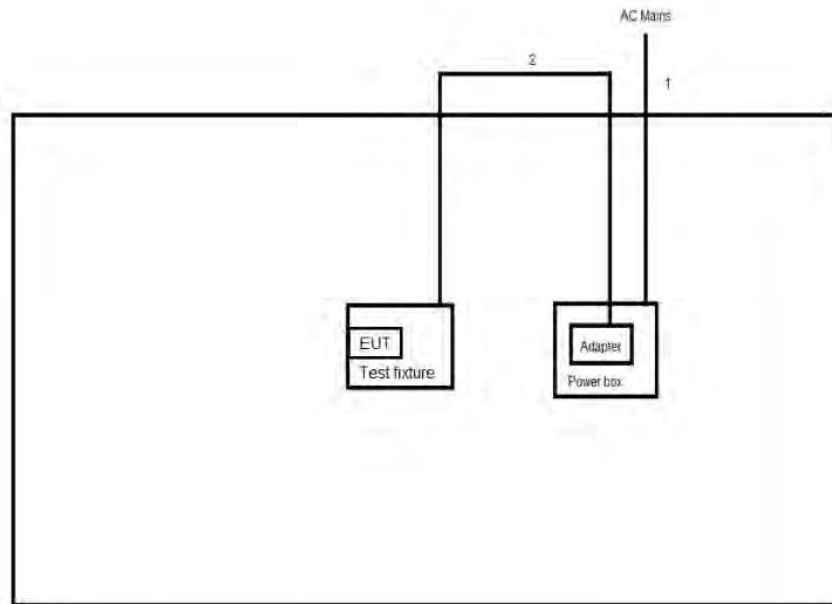
Note: Support equipment No.1 was provided by customer.

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Line	No	1.5m	-
2	DC Power Line	No	1.5m	-

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.

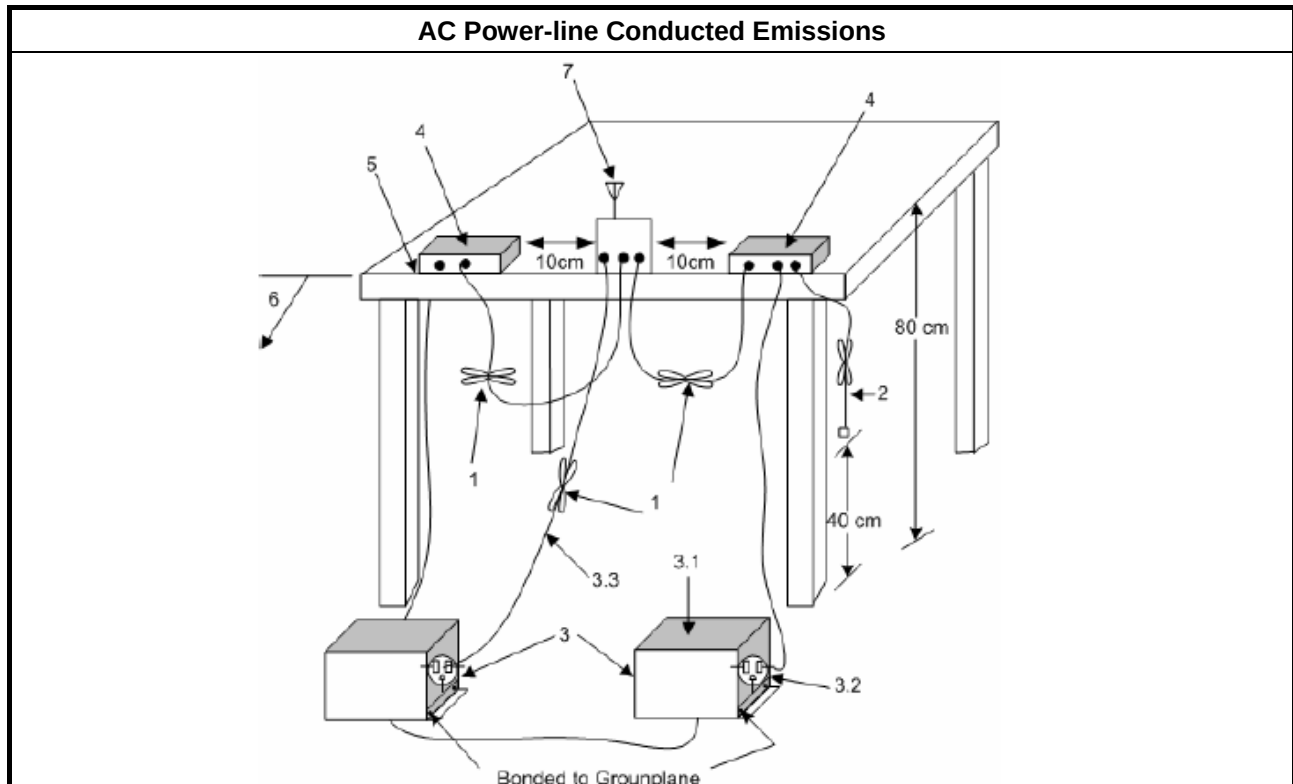
3.1.2 Measuring Instruments

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.

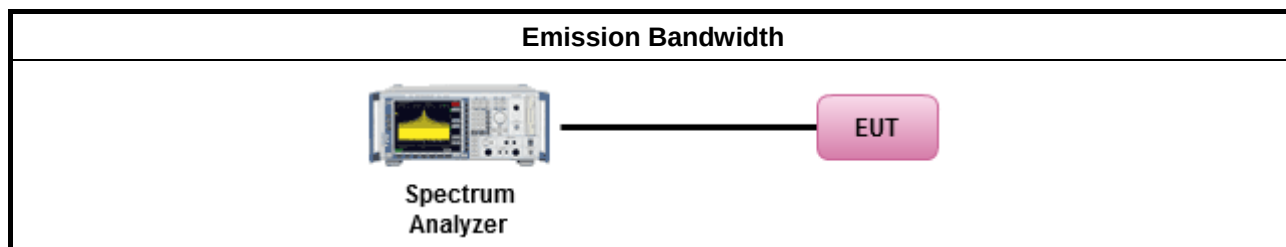
3.2.2 Measuring Instruments

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 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.		

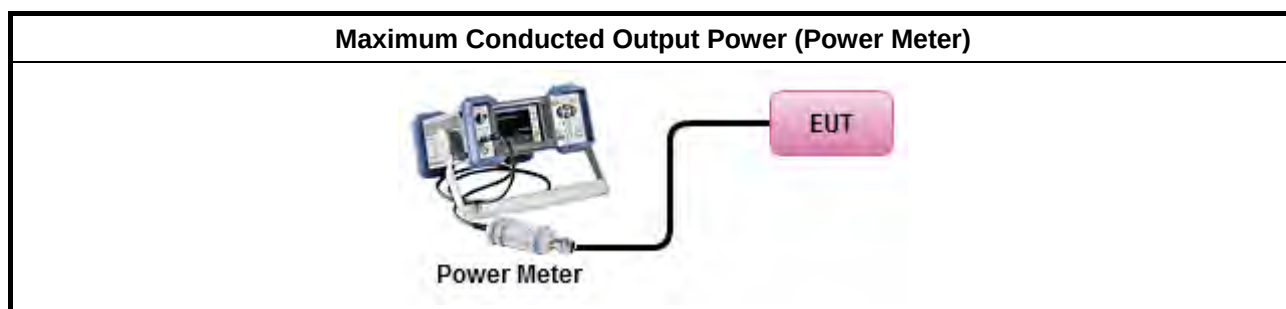
3.3.2 Measuring Instruments

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

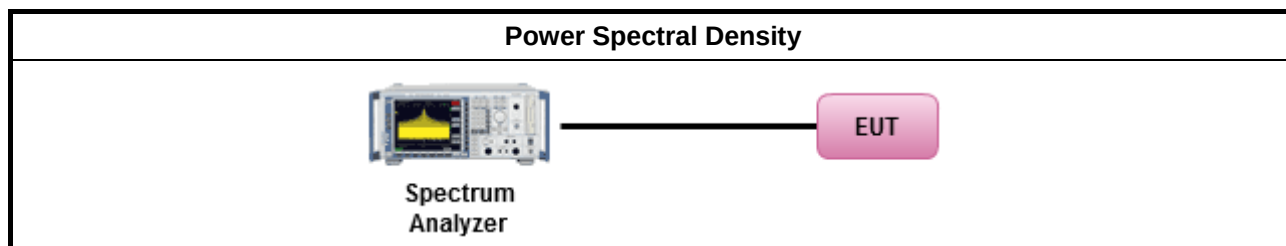
3.4.2 Measuring Instruments

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.	

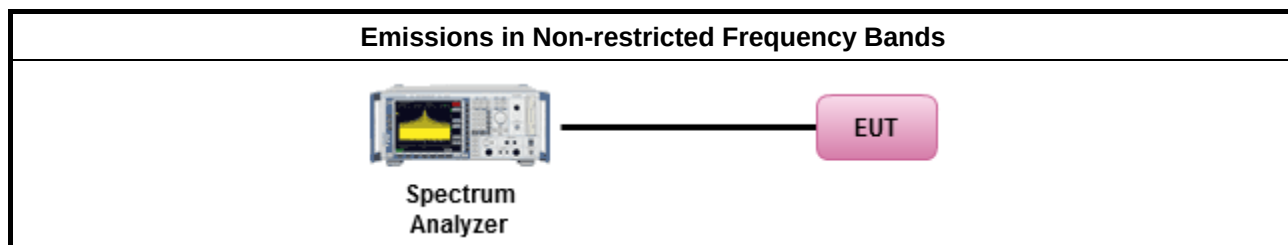
3.5.2 Measuring Instruments

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.

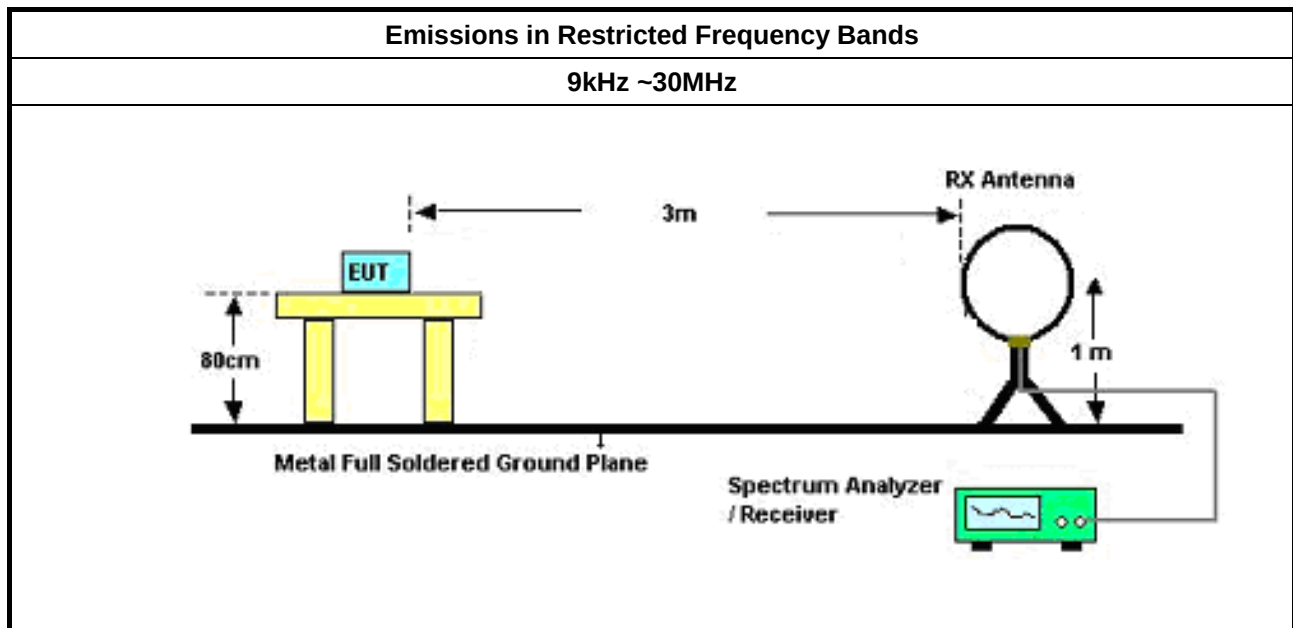
3.6.2 Measuring Instruments

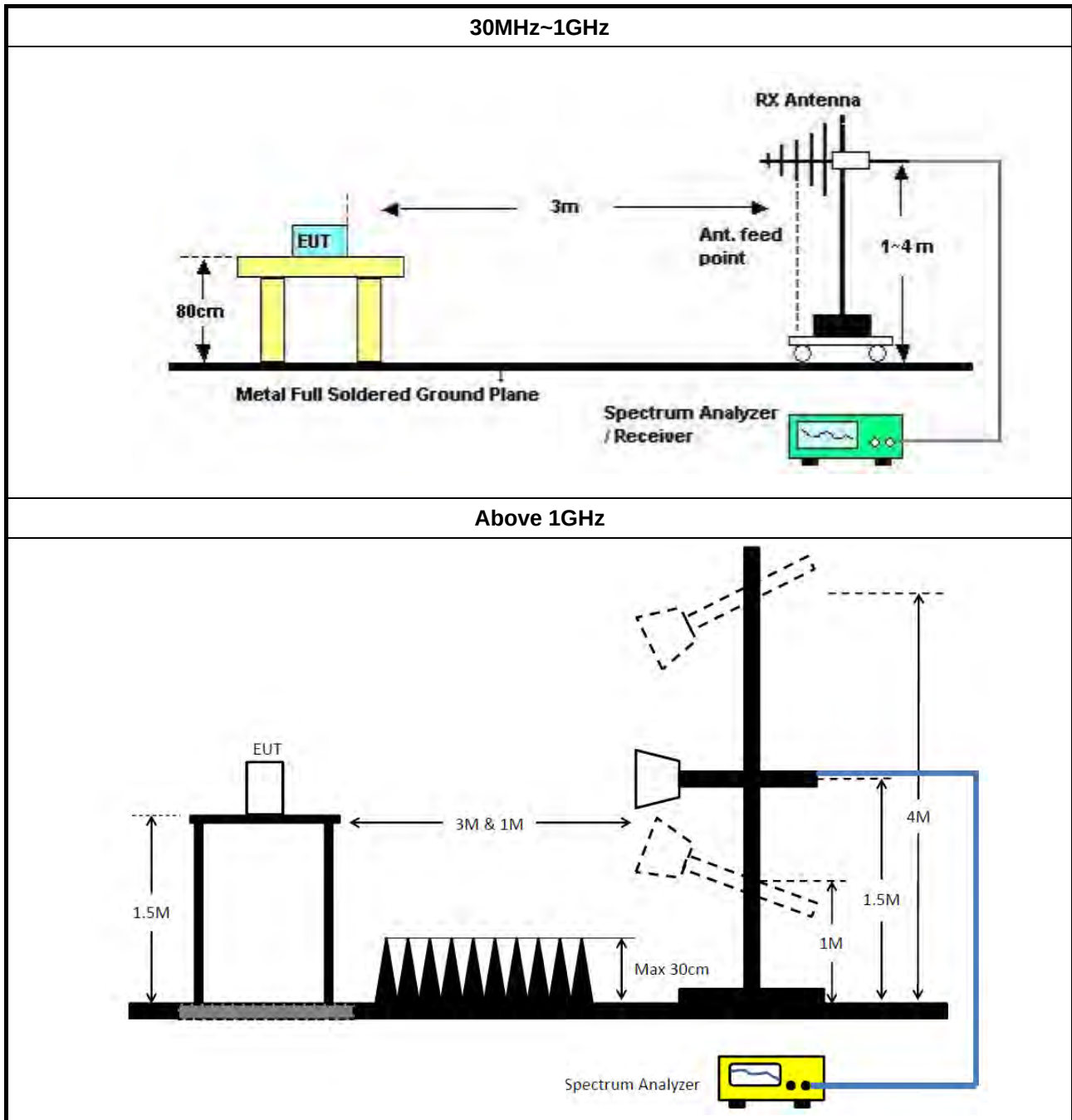
Refer a test equipment and calibration data table in this test report.

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

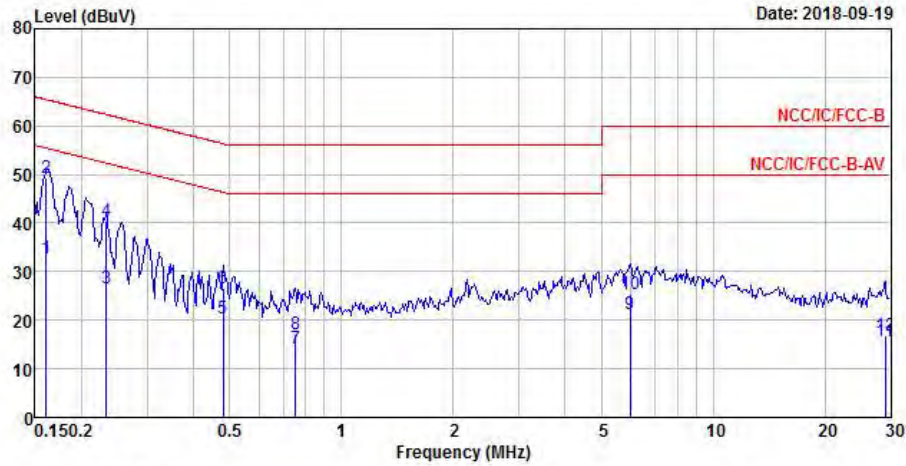
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	31/Oct/2017	30/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	01/Nov/2017	31/Oct/2018
Amplifier	HP	8447D	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

**Instrument for Conducted Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	Anritsu	MG3694C	163401	10MHz ~ 40GHz	15/Jan/2018	14/Jan/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2018	10/Jan/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2018	10/Jan/2019
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	11/Jan/2018	10/Jan/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter Mode		

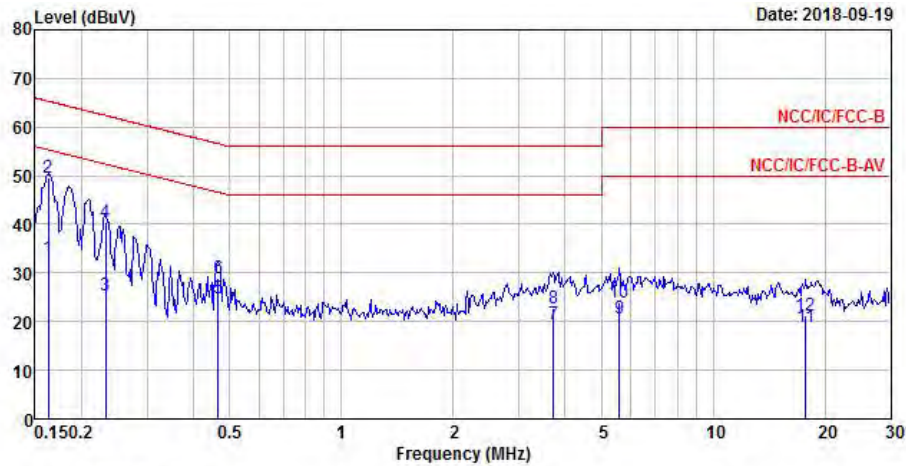


	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	32.79	-22.64	55.43	23.14	9.62	0.03	Average
2 MAX	0.16	49.38	-16.05	65.43	39.73	9.62	0.03	QP
3	0.23	26.47	-25.88	52.35	16.83	9.62	0.02	Average
4	0.23	40.32	-22.03	62.35	30.68	9.62	0.02	QP
5	0.48	20.32	-26.00	46.32	10.63	9.61	0.08	Average
6	0.48	26.49	-29.83	56.32	16.80	9.61	0.08	QP
7	0.75	14.16	-31.84	46.00	4.52	9.61	0.03	Average
8	0.75	16.99	-39.01	56.00	7.35	9.61	0.03	QP
9	5.99	21.29	-28.71	50.00	11.51	9.64	0.14	Average
10	5.99	25.39	-34.61	60.00	15.61	9.64	0.14	QP
11	29.06	15.66	-34.34	50.00	5.91	9.51	0.24	Average
12	29.06	16.74	-43.26	60.00	6.99	9.51	0.24	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	Adapter Mode		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.16	33.01	-22.33	55.34	23.35	9.63	0.03	Average
2 MAX	0.16	49.50	-15.84	65.34	39.84	9.63	0.03	QP
3	0.23	25.51	-26.88	52.39	15.87	9.62	0.02	Average
4	0.23	40.34	-22.05	62.39	30.70	9.62	0.02	QP
5	0.47	24.86	-21.72	46.58	15.17	9.61	0.08	Average
6	0.47	29.04	-27.54	56.58	19.35	9.61	0.08	QP
7	3.72	19.55	-26.45	46.00	9.83	9.64	0.08	Average
8	3.72	22.79	-33.21	56.00	13.07	9.64	0.08	QP
9	5.59	20.60	-29.40	50.00	10.81	9.66	0.13	Average
10	5.59	23.95	-36.05	60.00	14.16	9.66	0.13	QP
11	17.75	18.90	-31.10	50.00	9.07	9.71	0.12	Average
12	17.75	21.40	-38.60	60.00	11.57	9.71	0.12	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	10.05M	14.825M	14M8G1D	9.025M	14.425M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.7M	16M7D1D	13.8M	16.425M
802.11n HT20_Nss1,(MCS0)_2TX	15.05M	17.8M	17M8D1D	13.775M	17.55M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	36.35M	36M3D1D	33.8M	35.95M

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

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

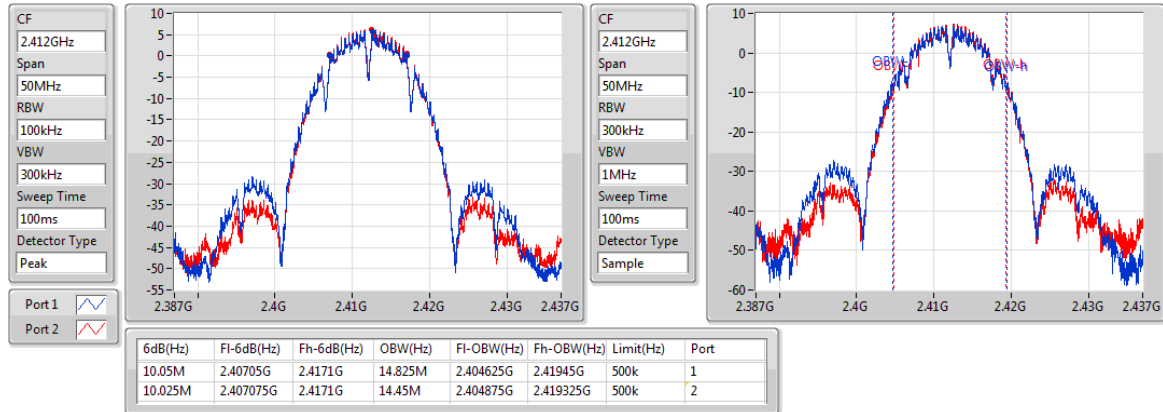
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	14.825M	10.025M	14.45M
2437MHz	Pass	500k	10.025M	14.825M	10.025M	14.425M
2462MHz	Pass	500k	10.025M	14.75M	9.025M	14.475M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15M	16.525M	15.025M	16.475M
2437MHz	Pass	500k	15.05M	16.7M	15.1M	16.65M
2462MHz	Pass	500k	13.8M	16.45M	15M	16.425M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	17.6M	15.05M	17.65M
2437MHz	Pass	500k	15.025M	17.775M	15.025M	17.8M
2462MHz	Pass	500k	13.775M	17.55M	15.025M	17.575M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.05M	36.1M	35M	36.15M
2437MHz	Pass	500k	35M	36.35M	33.8M	36.2M
2452MHz	Pass	500k	33.8M	35.95M	35.05M	36M

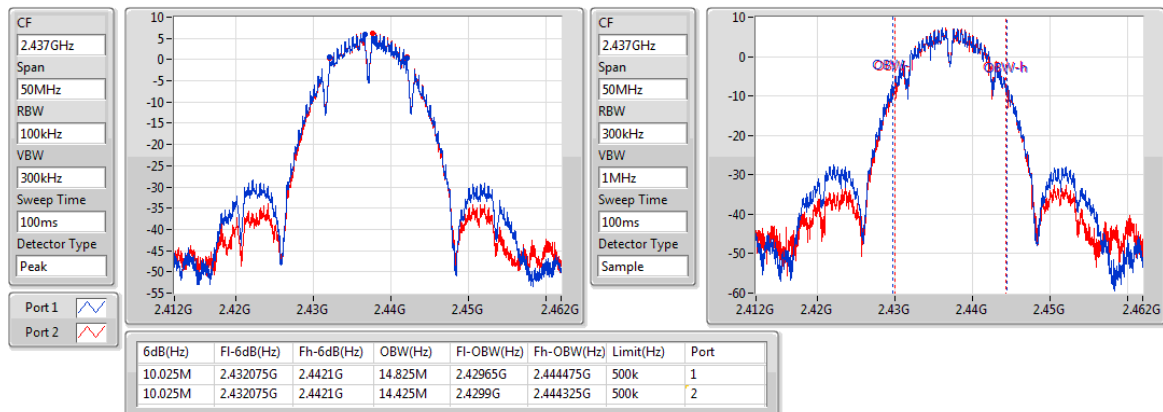
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

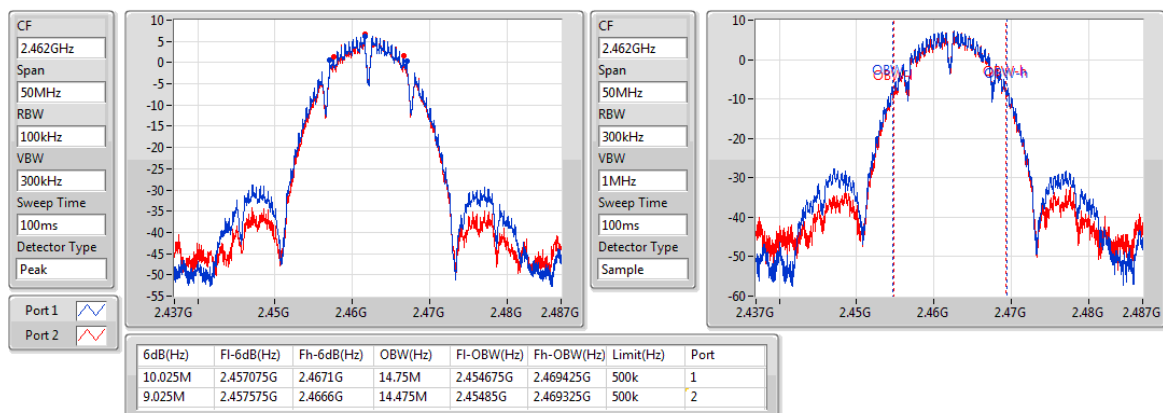
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802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

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802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

23/10/2018

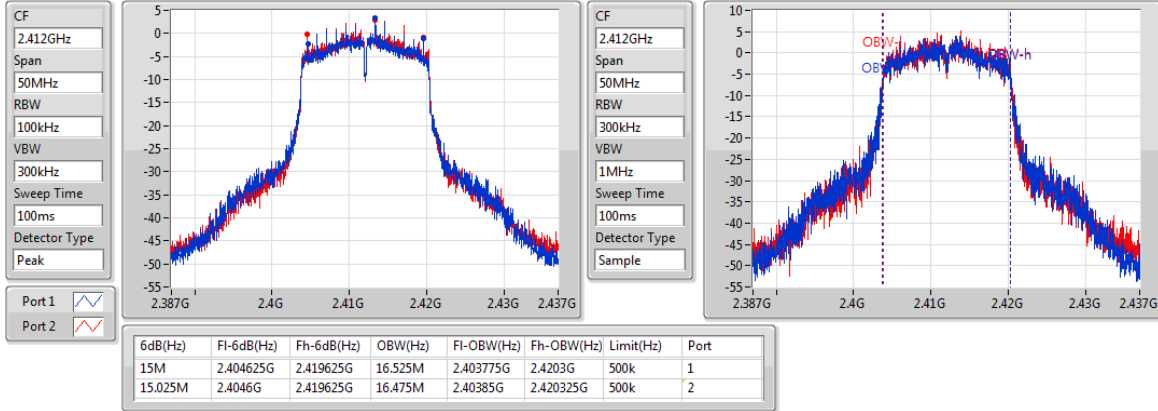


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

23/10/2018

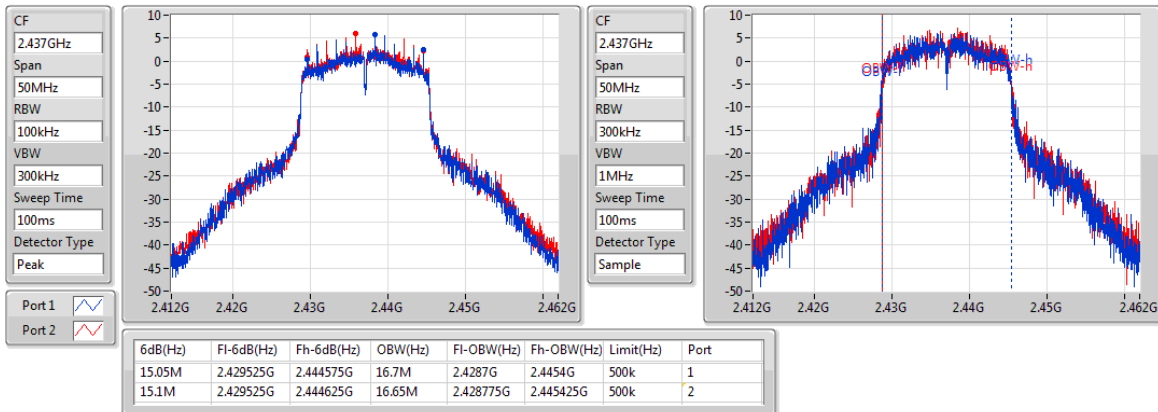


802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

23/10/2018

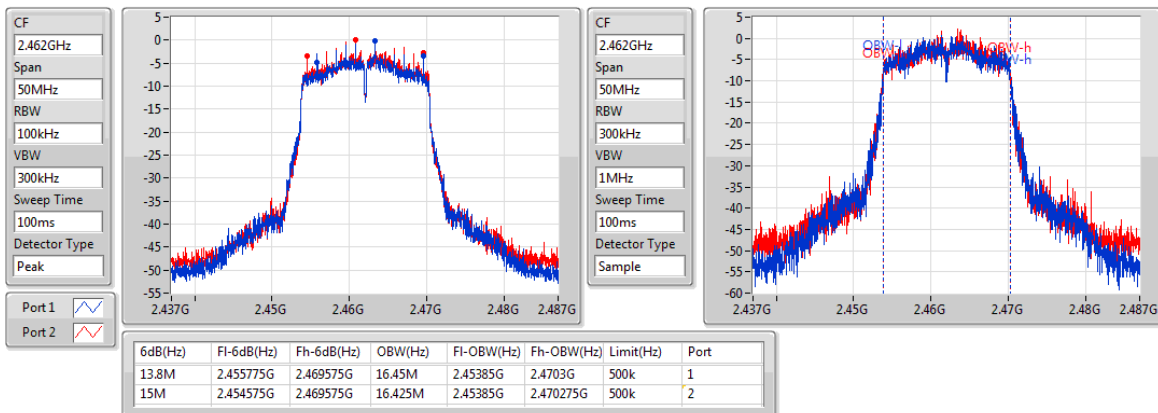


802.11g_Nss1,(6Mbps)_2TX

EBW

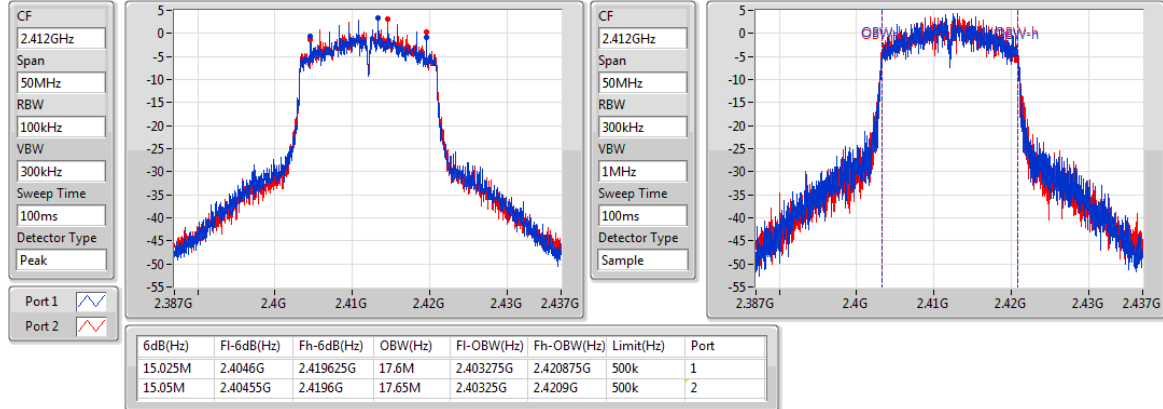
2462MHz

23/10/2018

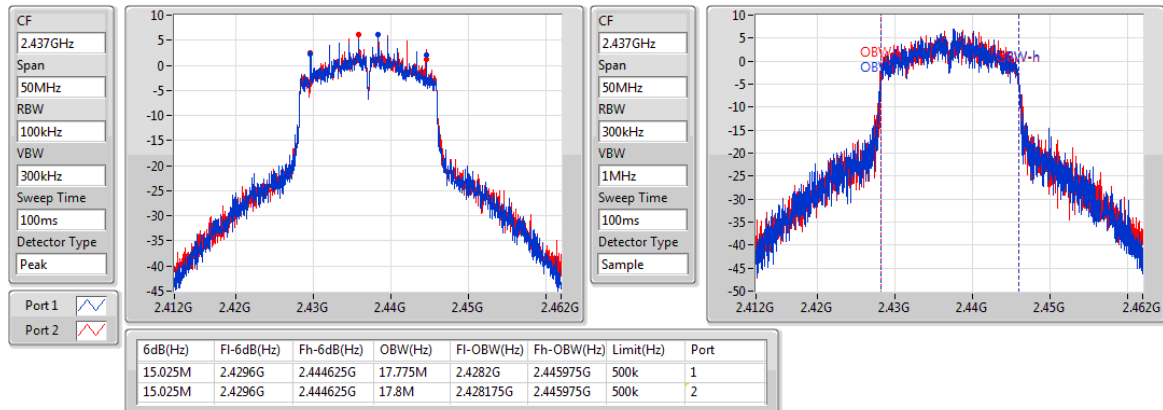


802.11n HT20_Nss1,(MCS0)_2TX
EBW
2412MHz

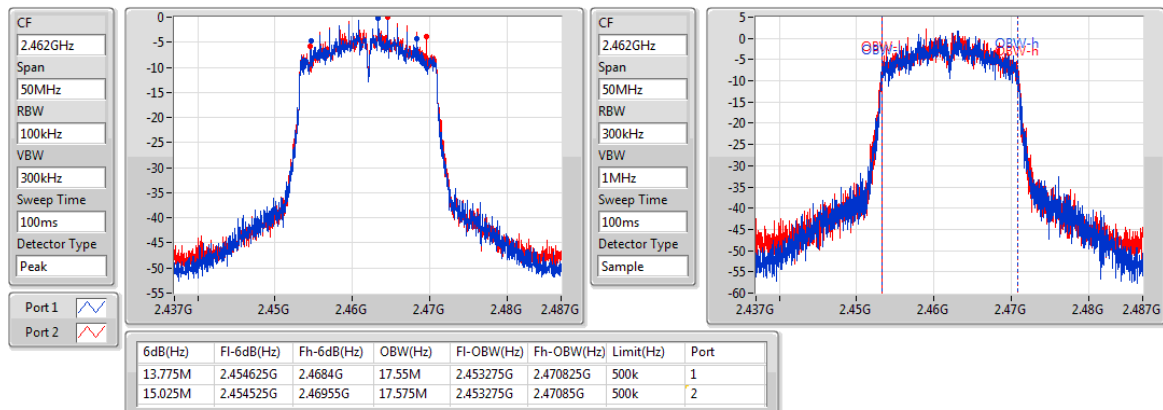
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802.11n HT20_Nss1,(MCS0)_2TX
EBW
2437MHz

23/10/2018

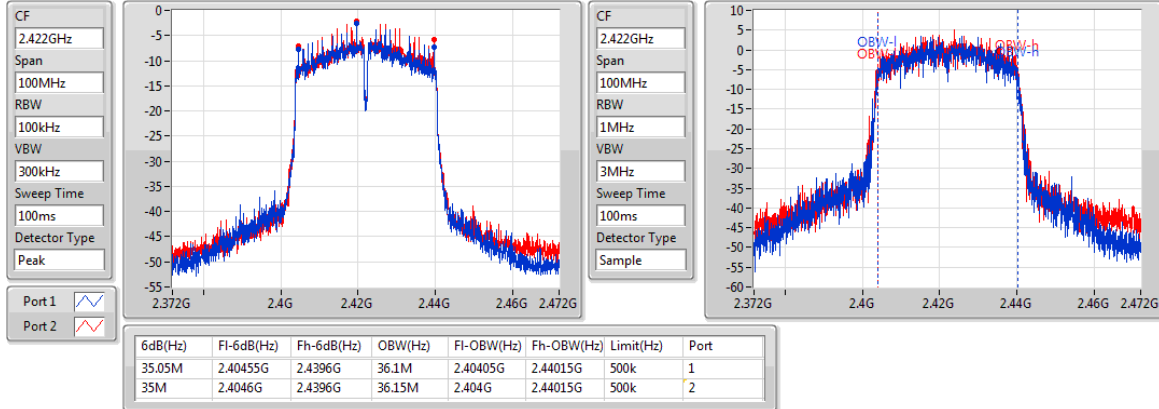

802.11n HT20_Nss1,(MCS0)_2TX
EBW
2462MHz

23/10/2018

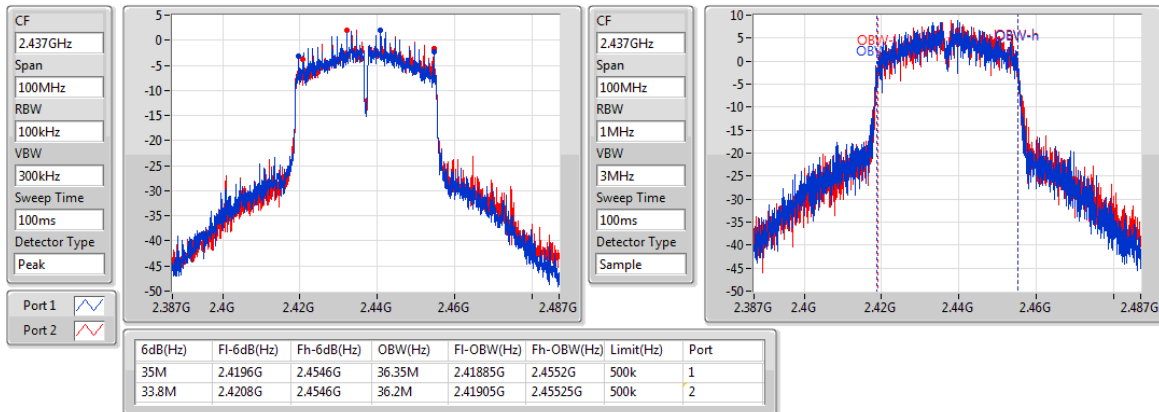


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2422MHz

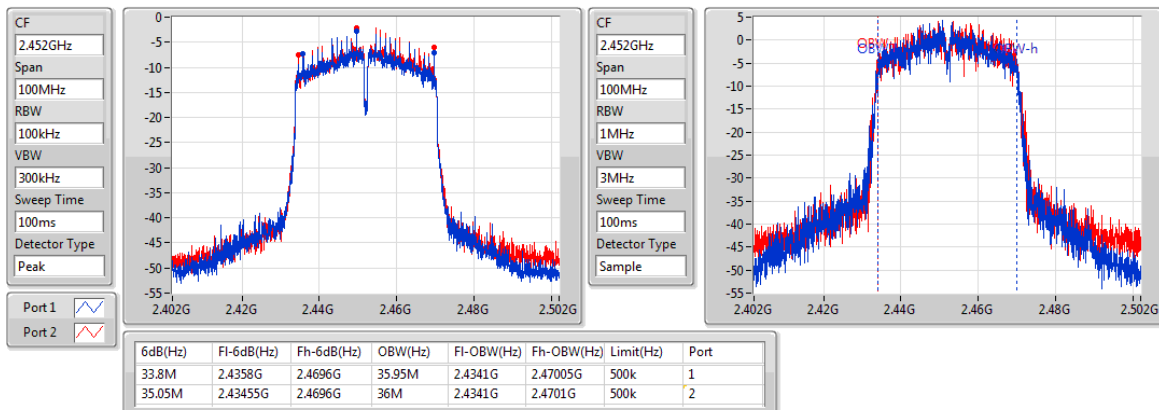
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802.11n HT40_Nss1,(MCS0)_2TX
EBW
2437MHz

23/10/2018


802.11n HT40_Nss1,(MCS0)_2TX
EBW
2452MHz

23/10/2018



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	20.09	0.10209
802.11g_Nss1,(6Mbps)_2TX	19.69	0.09311
802.11n HT20_Nss1,(MCS0)_2TX	19.58	0.09078
802.11n HT40_Nss1,(MCS0)_2TX	18.77	0.07534

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	16.84	17.30	20.09	30.00
2437MHz	Pass	2.00	16.77	17.09	19.94	30.00
2462MHz	Pass	2.00	16.79	17.01	19.91	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	13.72	14.15	16.95	30.00
2437MHz	Pass	2.00	16.46	16.88	19.69	30.00
2447MHz	Pass	2.00	16.26	16.69	19.49	30.00
2452MHz	Pass	2.00	15.53	15.67	18.61	30.00
2457MHz	Pass	2.00	13.49	13.96	16.74	30.00
2462MHz	Pass	2.00	10.61	10.99	13.81	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	13.77	11.10	15.65	30.00
2417MHz	Pass	2.00	16.34	16.79	19.58	30.00
2437MHz	Pass	2.00	16.35	16.68	19.53	30.00
2447MHz	Pass	2.00	16.37	16.59	19.49	30.00
2452MHz	Pass	2.00	15.46	15.66	18.57	30.00
2457MHz	Pass	2.00	13.47	13.89	16.70	30.00
2462MHz	Pass	2.00	10.37	10.94	13.67	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.00	10.62	11.30	13.98	30.00
2427MHz	Pass	2.00	10.61	11.16	13.90	30.00
2432MHz	Pass	2.00	13.62	14.07	16.86	30.00
2437MHz	Pass	2.00	15.32	16.16	18.77	30.00
2442MHz	Pass	2.00	13.50	13.85	16.69	30.00
2447MHz	Pass	2.00	10.46	11.04	13.77	30.00
2452MHz	Pass	2.00	10.56	11.23	13.92	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-7.24
802.11g_Nss1,(6Mbps)_2TX	-9.00
802.11n HT20_Nss1,(MCS0)_2TX	-9.26
802.11n HT40_Nss1,(MCS0)_2TX	-12.18

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-9.87	-9.56	-8.40	8.00
2437MHz	Pass	5.01	-8.07	-9.17	-7.24	8.00
2462MHz	Pass	5.01	-10.13	-9.32	-8.14	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-13.27	-13.86	-11.35	8.00
2437MHz	Pass	5.01	-11.39	-11.18	-9.00	8.00
2462MHz	Pass	5.01	-17.10	-16.32	-14.71	8.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.01	-13.85	-13.35	-10.98	8.00
2437MHz	Pass	5.01	-10.74	-12.09	-9.26	8.00
2462MHz	Pass	5.01	-16.21	-16.92	-14.90	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.01	-19.53	-19.22	-17.38	8.00
2437MHz	Pass	5.01	-13.92	-14.94	-12.18	8.00
2452MHz	Pass	5.01	-20.19	-19.41	-17.46	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;

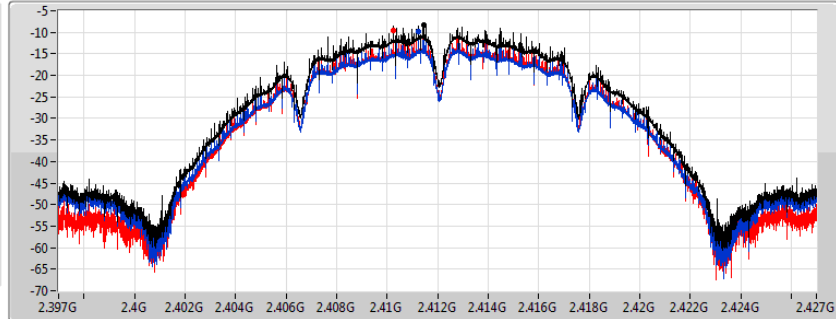
802.11b_Nss1,(1Mbps)_2TX

2412MHz

PSD

23/10/2018

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
3.4s
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.40	-8.40	-9.87	-9.56

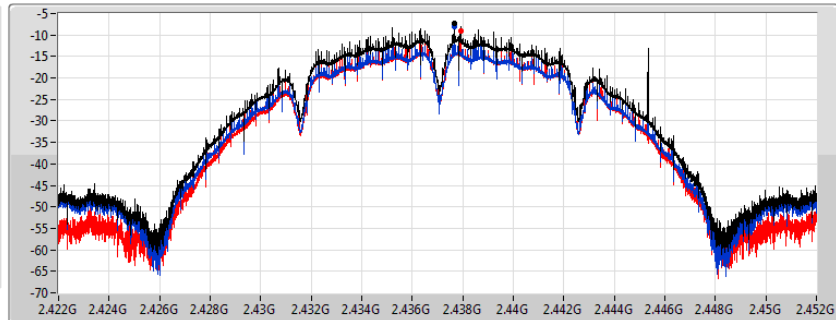
802.11b_Nss1,(1Mbps)_2TX

2437MHz

PSD

23/10/2018

CF
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
3.4s
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.24	-7.24	-8.07	-9.17

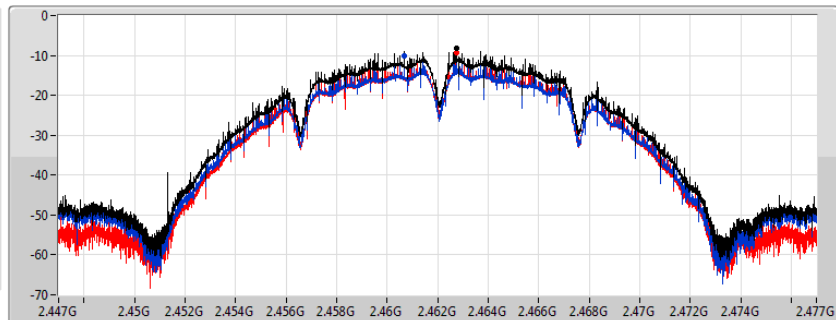
802.11b_Nss1,(1Mbps)_2TX

2462MHz

PSD

23/10/2018

CF
2.462GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
3.4s
Detector Type
Peak



Sum
Port 1
Port 2

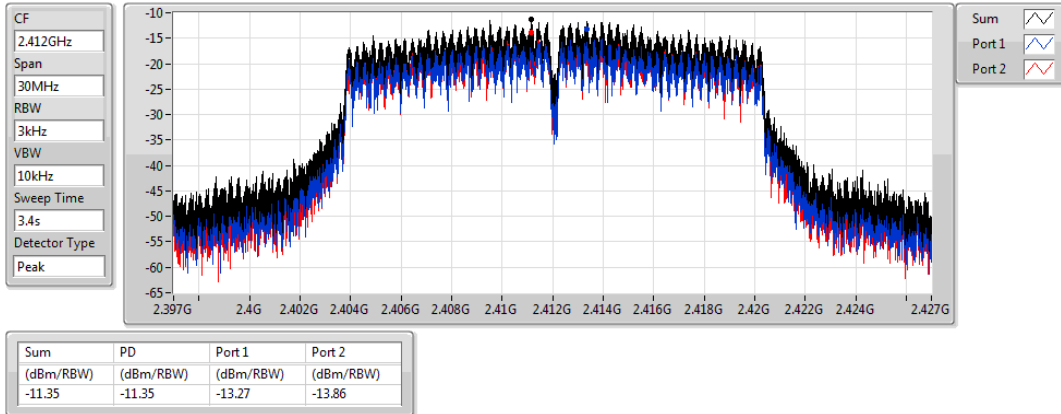
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.14	-8.14	-10.13	-9.32

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

23/10/2018

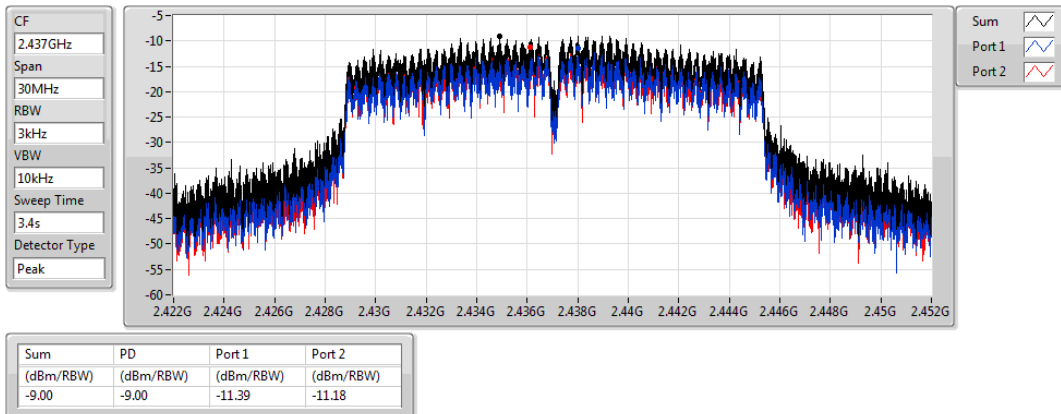


802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

23/10/2018

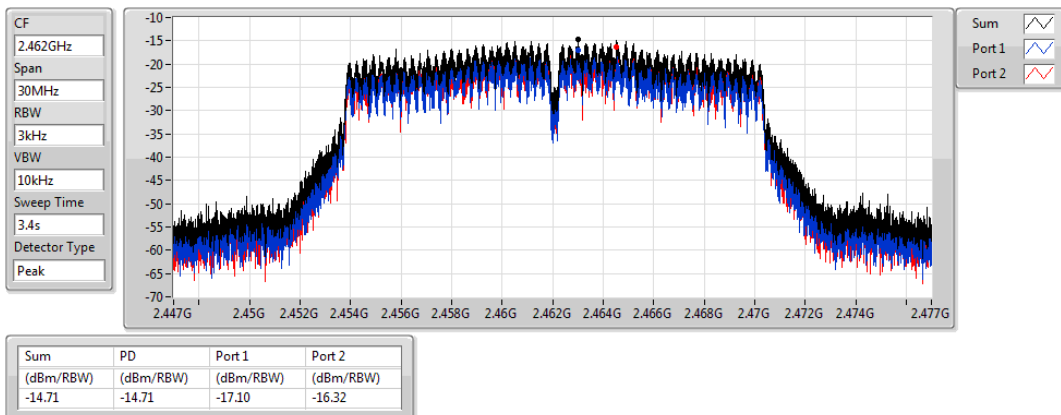


802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

23/10/2018

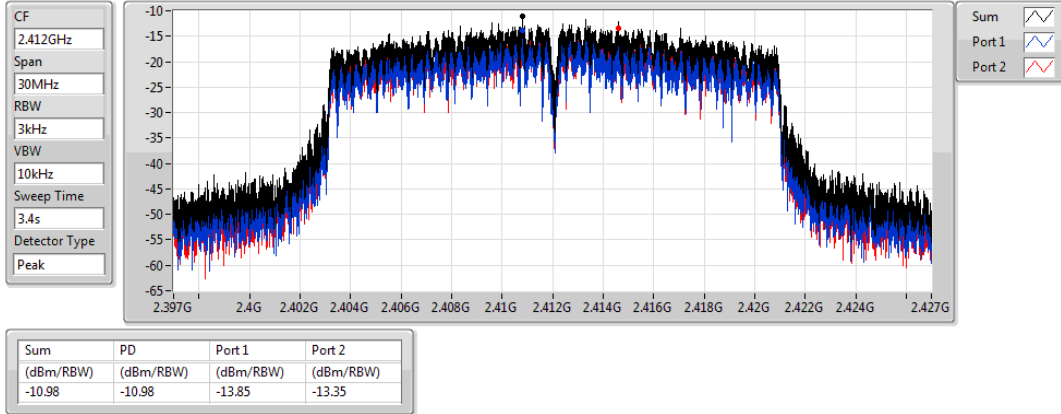


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2412MHz

23/10/2018

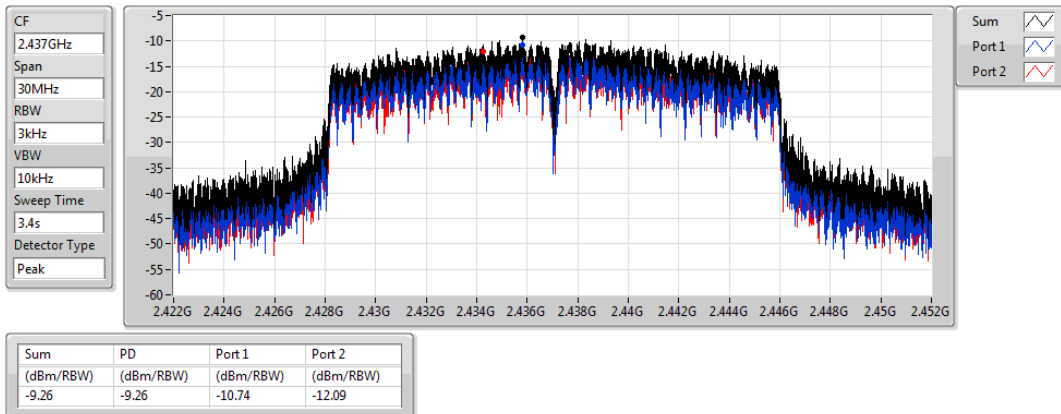


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2437MHz

23/10/2018

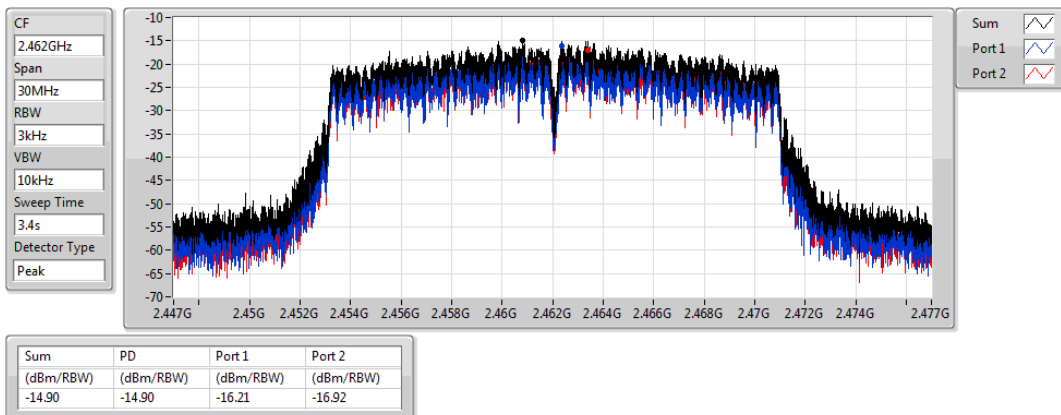


802.11n HT20_Nss1,(MCS0)_2TX

PSD

2462MHz

23/10/2018

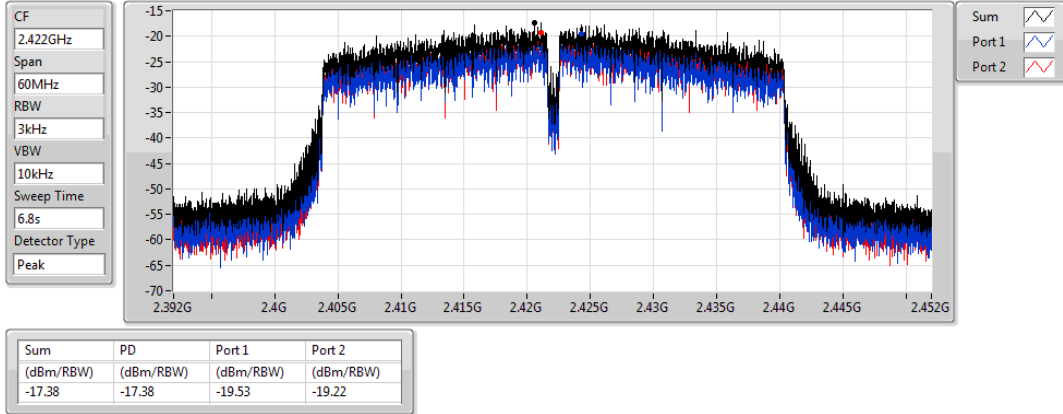


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2422MHz

23/10/2018

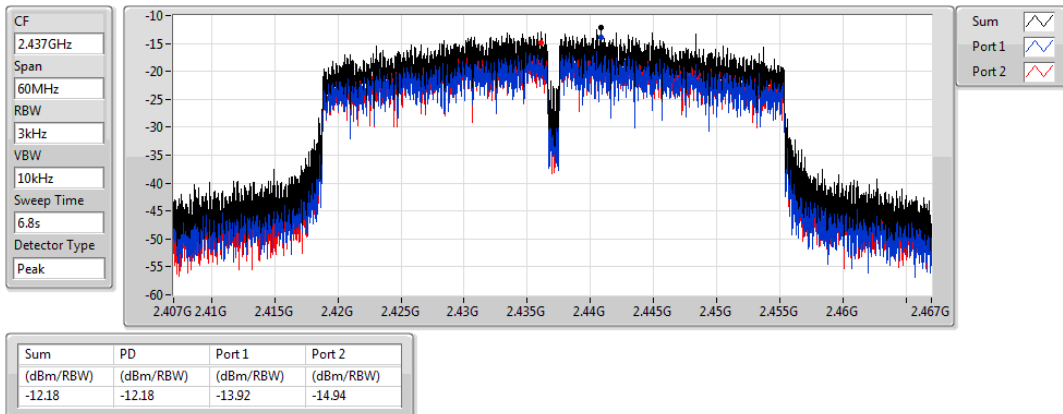


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2437MHz

23/10/2018

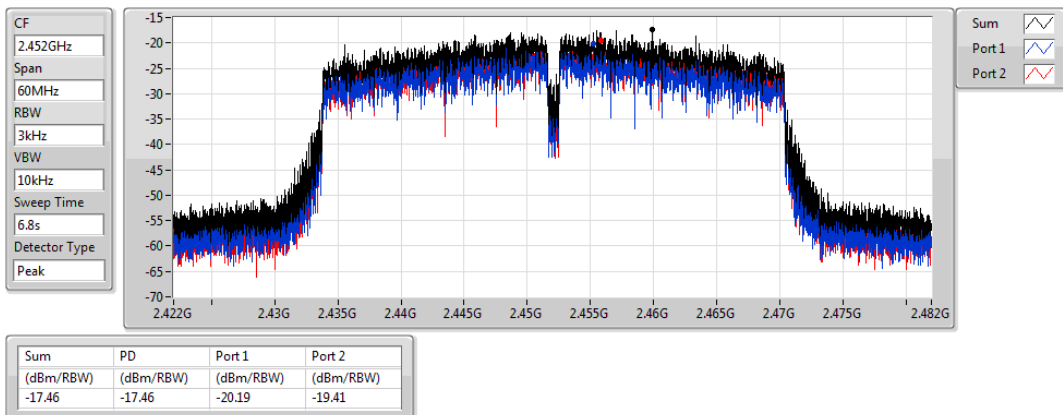


802.11n HT40_Nss1,(MCS0)_2TX

PSD

2452MHz

23/10/2018



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)_2TX	Pass	2.41106G	6.10	-23.90	673.95M	-40.20	2.3971G	-27.83	2.4931G	-48.83	21.87577G	-45.96	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43586G	4.55	-25.45	673.37M	-51.68	2.39978G	-28.78	2.49298G	-47.10	21.60043G	-45.24	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43962G	4.97	-25.03	674.83M	-52.50	2.3996G	-28.15	2.51248G	-51.25	21.65662G	-46.48	1
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43958G	2.47	-27.53	694.67M	-51.36	2.3996G	-29.27	2.4933G	-42.66	21.54758G	-46.60	1

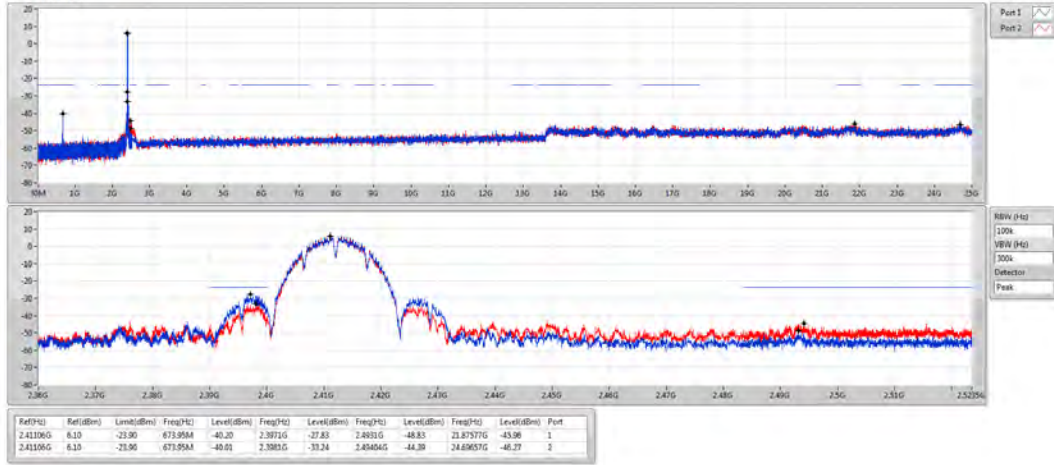
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41106G	6.10	-23.90	673.95M	-40.20	2.3971G	-27.83	2.4931G	-48.83	21.87577G	-45.96	1
2412MHz	Pass	2.41106G	6.10	-23.90	673.95M	-40.01	2.3981G	-33.24	2.49404G	-44.39	24.69657G	-46.27	2
2437MHz	Pass	2.41106G	6.10	-23.90	699M	-40.25	2.39916G	-48.45	2.51412G	-49.97	13.7758G	-46.14	1
2437MHz	Pass	2.41106G	6.10	-23.90	699M	-39.44	2.39408G	-45.59	2.51434G	-45.70	24.60385G	-45.75	2
2462MHz	Pass	2.41106G	6.10	-23.90	724.05M	-40.17	2.3965G	-51.25	2.48606G	-47.39	21.66224G	-45.77	1
2462MHz	Pass	2.41106G	6.10	-23.90	724.05M	-39.86	2.39592G	-51.02	2.5001G	-42.89	24.73871G	-45.91	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43586G	4.55	-25.45	673.95M	-50.78	2.39994G	-29.20	2.4996G	-50.30	21.72967G	-45.22	1
2412MHz	Pass	2.43586G	4.55	-25.45	673.37M	-51.68	2.39978G	-28.78	2.49298G	-47.10	21.60043G	-45.24	2
2437MHz	Pass	2.43586G	4.55	-25.45	697.84M	-48.15	2.39924G	-47.61	2.51832G	-47.90	21.80553G	-45.89	1
2437MHz	Pass	2.43586G	4.55	-25.45	696.96M	-47.57	2.39332G	-44.33	2.48646G	-44.90	13.79827G	-45.48	2
2462MHz	Pass	2.43586G	4.55	-25.45	2.30874G	-53.56	2.39796G	-52.98	2.4837G	-49.58	21.6791G	-45.67	1
2462MHz	Pass	2.43586G	4.55	-25.45	2.30554G	-54.00	2.39624G	-51.98	2.49646G	-47.46	21.65943G	-45.88	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43962G	4.97	-25.03	674.83M	-52.50	2.3996G	-28.15	2.51248G	-51.25	21.65662G	-46.48	1
2412MHz	Pass	2.43962G	4.97	-25.03	2.30583G	-53.14	2.39954G	-30.27	2.49326G	-48.09	21.63695G	-46.01	2
2437MHz	Pass	2.43962G	4.97	-25.03	696.96M	-49.71	2.39984G	-47.77	2.5133G	-48.61	14.86591G	-45.30	1
2437MHz	Pass	2.43962G	4.97	-25.03	695.51M	-47.86	2.39966G	-44.69	2.51458G	-44.03	21.66505G	-45.32	2
2462MHz	Pass	2.43962G	4.97	-25.03	2.07661G	-54.89	2.3943G	-53.11	2.484G	-49.53	24.63476G	-46.68	1
2462MHz	Pass	2.43962G	4.97	-25.03	942.49M	-55.30	2.39638G	-51.40	2.5046G	-47.61	21.77181G	-46.36	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43958G	2.47	-27.53	1.85084G	-55.00	2.39836G	-35.23	2.48366G	-52.30	16.39841G	-46.24	1
2422MHz	Pass	2.43958G	2.47	-27.53	2.30826G	-55.20	2.3946G	-36.73	2.48454G	-47.69	14.46887G	-45.85	2
2437MHz	Pass	2.43958G	2.47	-27.53	694.67M	-51.36	2.3996G	-29.27	2.4933G	-42.66	21.54758G	-46.60	1
2437MHz	Pass	2.43958G	2.47	-27.53	2.30139G	-51.41	2.39956G	-32.07	2.51082G	-39.83	24.64382G	-45.90	2
2452MHz	Pass	2.43958G	2.47	-27.53	2.30941G	-54.40	2.39736G	-52.78	2.4845G	-43.87	24.75881G	-44.75	1
2452MHz	Pass	2.43958G	2.47	-27.53	2.30597G	-56.00	2.39752G	-51.29	2.48702G	-43.07	21.66818G	-46.30	2

802.11b_Nss1,(1Mbps)_2TX

CSE NdB

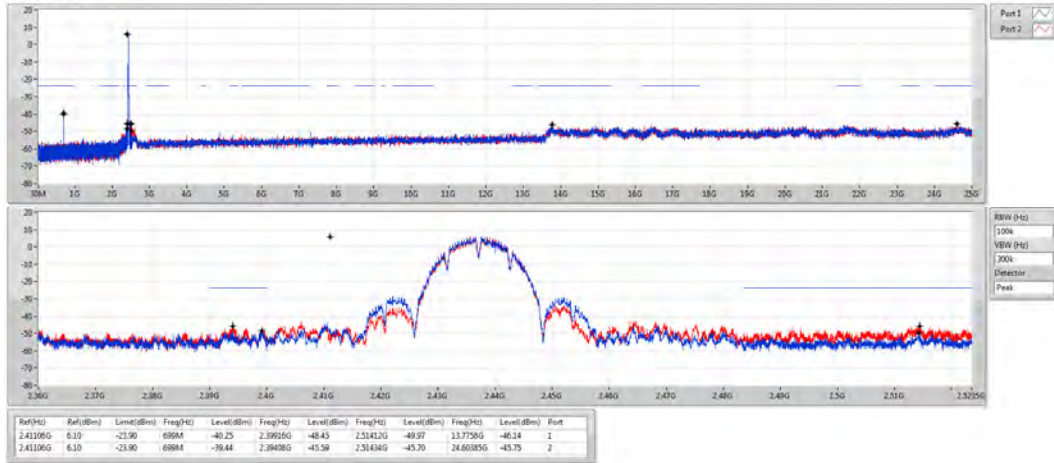
2412MHz



802.11b_Nss1,(1Mbps)_2TX

CSE NdB

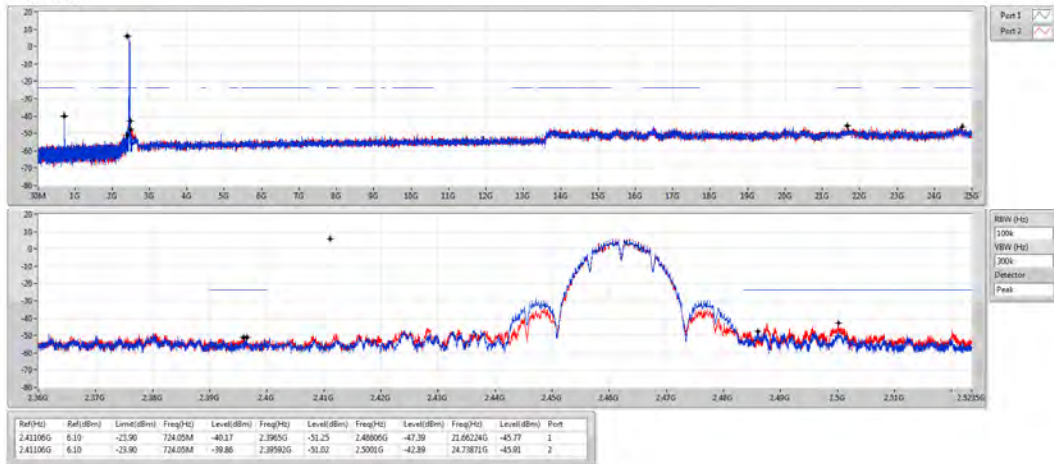
2437MHz



802.11b_Nss1,(1Mbps)_2TX

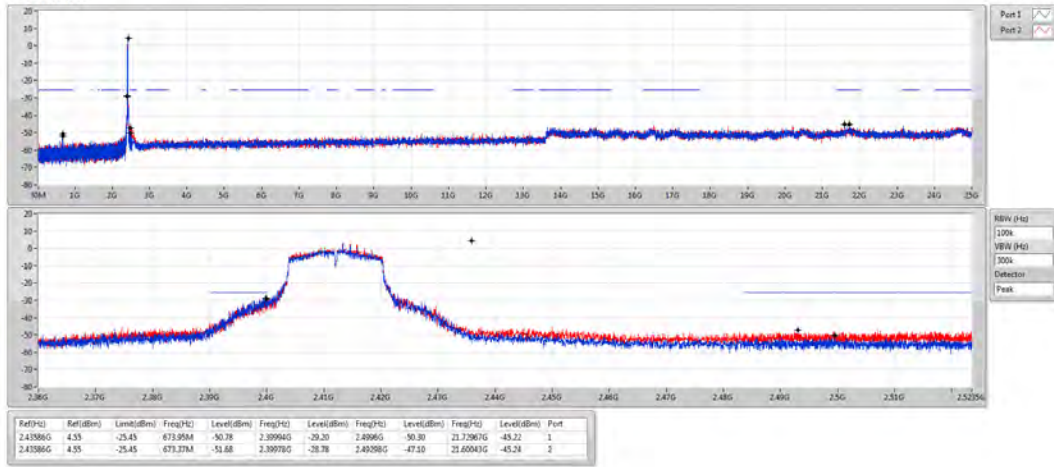
CSE NdB

2462MHz



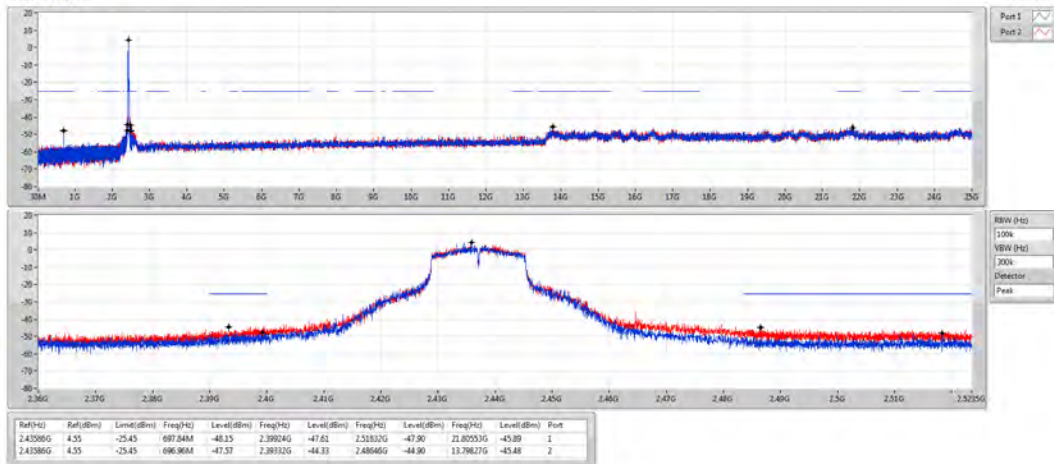
802.11g_Nss1,(6Mbps)_2TX
2412MHz

CSE NdB



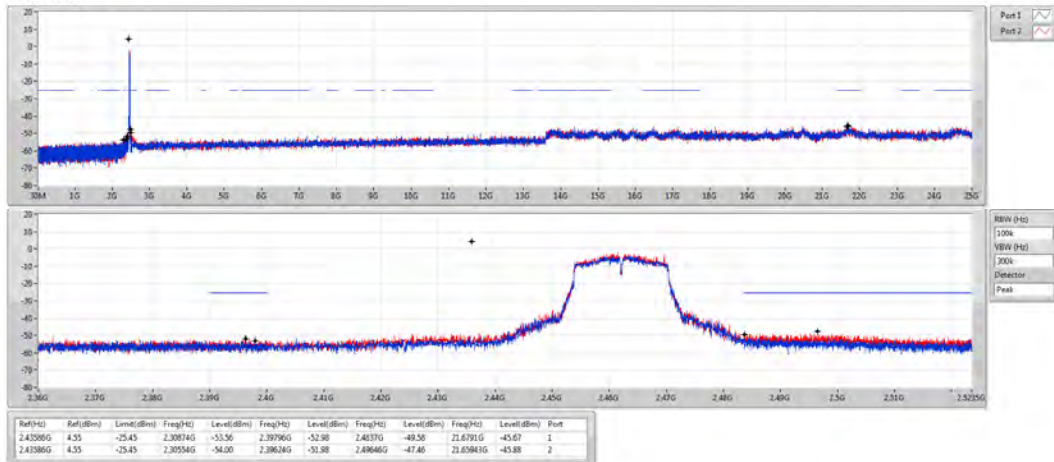
802.11g_Nss1,(6Mbps)_2TX
2437MHz

CSE NdB



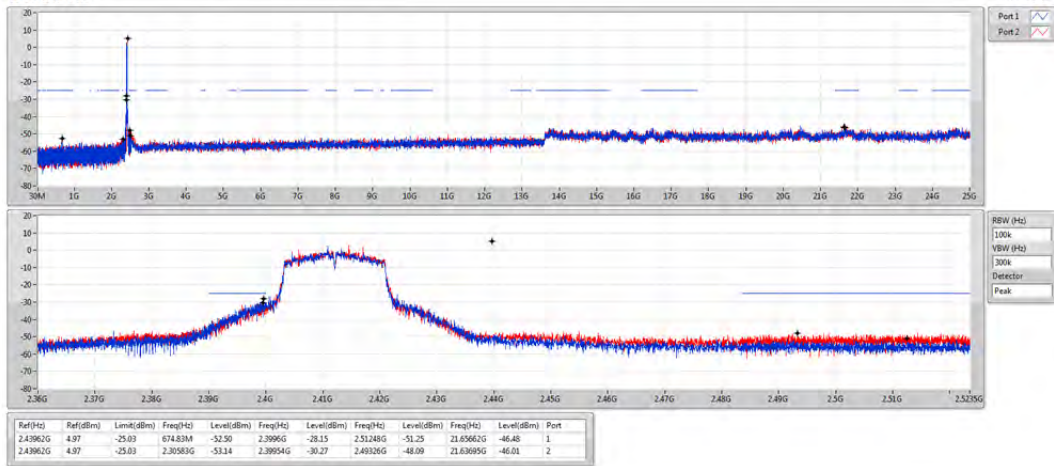
802.11g_Nss1,(6Mbps)_2TX
2462MHz

CSE NdB



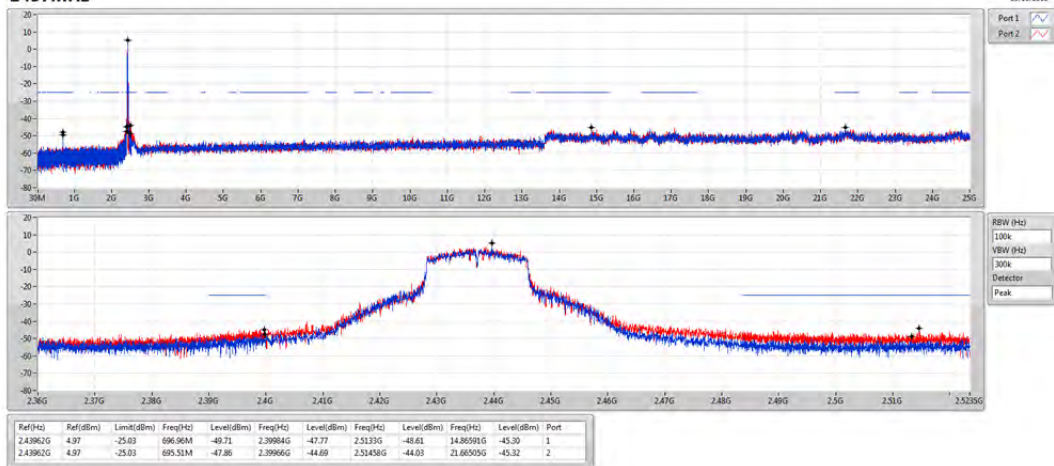
802.11n HT20_Nss1,(MCS0)_2TX
2412MHz

CSE NdB



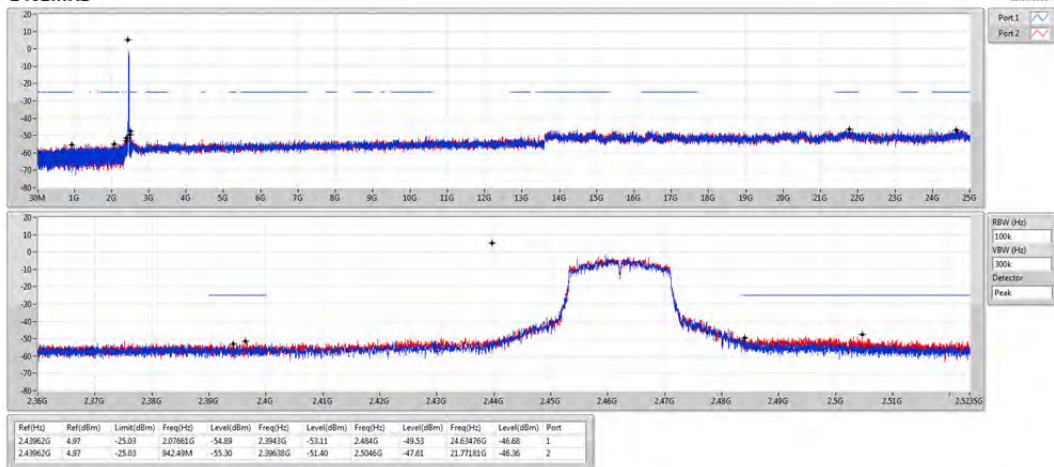
802.11n HT20_Nss1,(MCS0)_2TX
2437MHz

CSE NdB



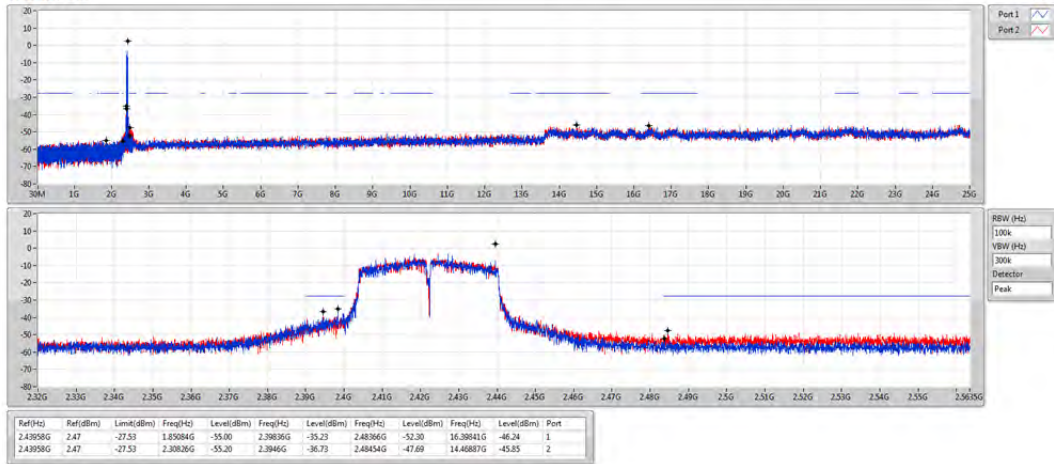
802.11n HT20_Nss1,(MCS0)_2TX
2462MHz

CSE NdB



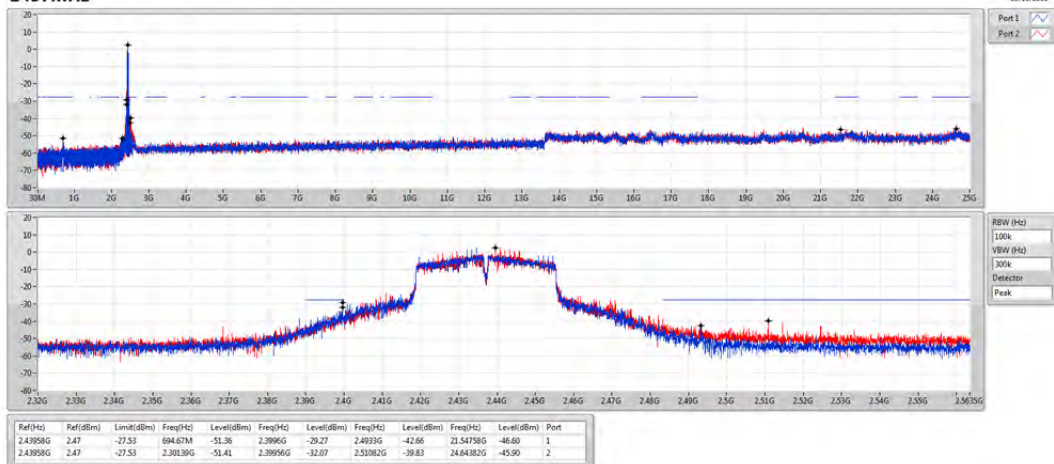
802.11n HT40_Nss1,(MCS0)_2TX 2422MHz

CSE NdB



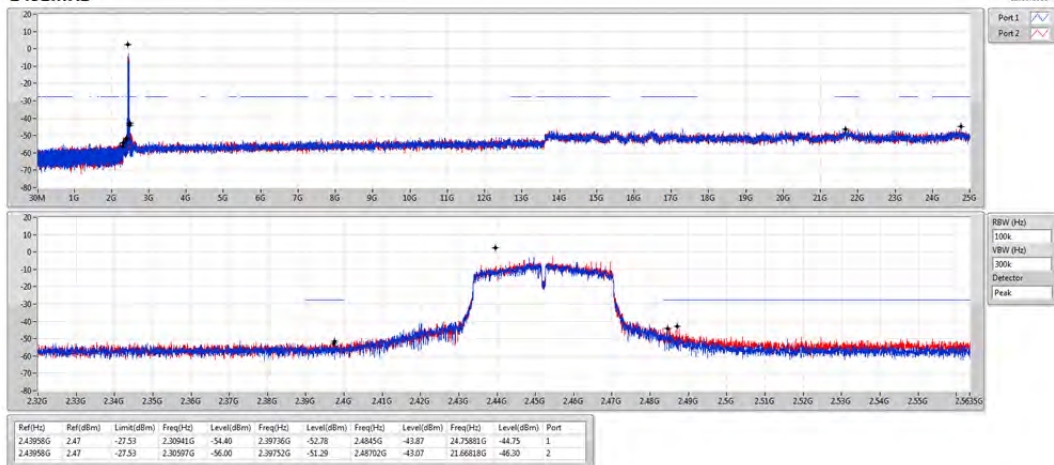
802.11n HT40_Nss1,(MCS0)_2TX 2437MHz

CSE NdB



802.11n HT40_Nss1,(MCS0)_2TX 2452MHz

CSE NdB





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)_2TX	Pass	PK	125.06M	36.40	43.50	-7.10	-7.88	3	Horizontal	0	1.00	-

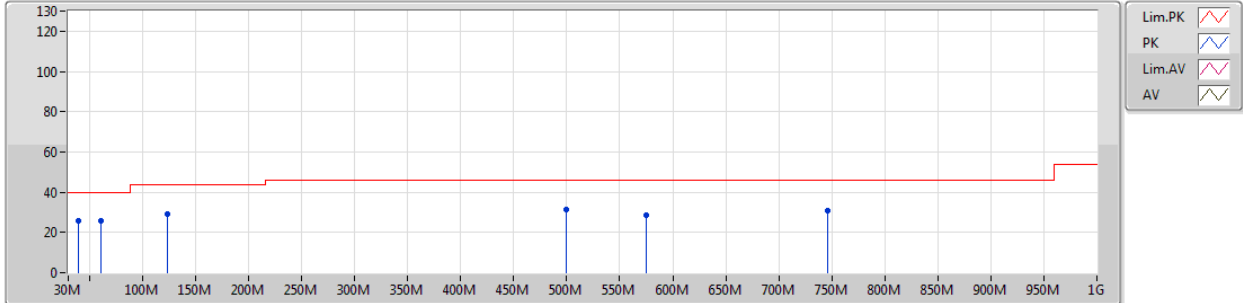
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	39.7M	26.03	40.00	-13.97	-7.97	3	Vertical	360	1.00	-
2437MHz	Pass	PK	61.04M	25.84	40.00	-14.16	-14.28	3	Vertical	360	1.00	-
2437MHz	Pass	PK	123.12M	29.25	43.50	-14.25	-7.89	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	31.24	46.00	-14.76	-1.55	3	Vertical	360	1.00	-
2437MHz	Pass	PK	575.14M	28.63	46.00	-17.37	-0.43	3	Vertical	360	1.00	-
2437MHz	Pass	PK	745.86M	30.85	46.00	-15.15	1.53	3	Vertical	360	1.00	-
2437MHz	Pass	PK	37.76M	26.71	40.00	-13.29	-6.83	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	125.06M	36.40	43.50	-7.10	-7.88	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	198.78M	22.74	43.50	-20.76	-9.96	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	412.18M	25.96	46.00	-20.04	-2.46	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	31.06	46.00	-14.94	-1.55	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	745.86M	29.96	46.00	-16.04	1.53	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2437MHz_Adapter

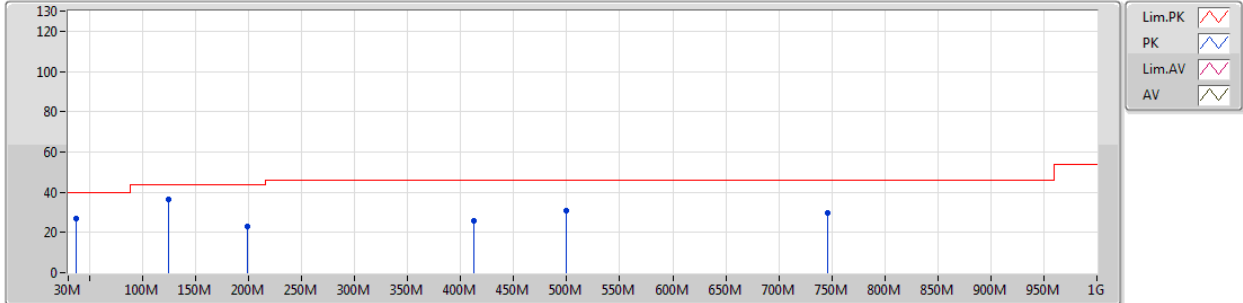


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	39.7M	26.03	40.00	-13.97	-7.97	3	Vertical	360	1.00	-
PK	61.04M	25.84	40.00	-14.16	-14.28	3	Vertical	360	1.00	-
PK	123.12M	29.25	43.50	-14.25	-7.89	3	Vertical	360	1.00	-
PK	499.48M	31.24	46.00	-14.76	-1.55	3	Vertical	360	1.00	-
PK	575.14M	28.63	46.00	-17.37	-0.43	3	Vertical	360	1.00	-
PK	745.86M	30.85	46.00	-15.15	1.53	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments										
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)											
PK	37.76M	26.71	40.00	-13.29	-6.83	3	Horizontal	0	1.00	-										
PK	125.06M	36.40	43.50	-7.10	-7.88	3	Horizontal	0	1.00	-										
PK	198.78M	22.74	43.50	-20.76	-9.96	3	Horizontal	0	1.00	-										
PK	412.18M	25.96	46.00	-20.04	-2.46	3	Horizontal	0	1.00	-										
PK	499.48M	31.06	46.00	-14.94	-1.55	3	Horizontal	0	1.00	-										
PK	745.86M	29.96	46.00	-16.04	1.53	3	Horizontal	0	1.00	-										

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.82424G	53.71	54.00	-0.29	6.53	3	Horizontal	165	2.44	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.36	54.00	-0.64	30.69	3	Horizontal	39	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4846G	52.70	54.00	-1.30	30.97	3	Horizontal	43	1.02	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.32	54.00	-0.68	30.69	3	Horizontal	43	2.08	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3836G	51.34	54.00	-2.66	30.67	3	Vertical	19	2.97	-
2412MHz	Pass	AV	2.4128G	100.12	Inf	-Inf	30.76	3	Vertical	19	2.97	-
2412MHz	Pass	AV	2.4908G	49.57	54.00	-4.43	30.99	3	Vertical	19	2.97	-
2412MHz	Pass	PK	2.3832G	59.02	74.00	-14.98	30.67	3	Vertical	19	2.97	-
2412MHz	Pass	PK	2.4132G	105.04	Inf	-Inf	30.76	3	Vertical	19	2.97	-
2412MHz	Pass	PK	2.4928G	58.48	74.00	-15.52	30.99	3	Vertical	19	2.97	-
2412MHz	Pass	AV	2.3836G	52.87	54.00	-1.13	30.67	3	Horizontal	45	2.34	-
2412MHz	Pass	AV	2.4128G	103.10	Inf	-Inf	30.76	3	Horizontal	45	2.34	-
2412MHz	Pass	AV	2.4908G	50.64	54.00	-3.36	30.99	3	Horizontal	45	2.34	-
2412MHz	Pass	PK	2.3796G	59.59	74.00	-14.41	30.66	3	Horizontal	45	2.34	-
2412MHz	Pass	PK	2.4132G	108.01	Inf	-Inf	30.76	3	Horizontal	45	2.34	-
2412MHz	Pass	PK	2.4916G	59.31	74.00	-14.69	30.99	3	Horizontal	45	2.34	-
2412MHz	Pass	AV	4.82424G	47.48	54.00	-6.52	6.53	3	Vertical	48	2.14	-
2412MHz	Pass	PK	4.8243G	51.32	74.00	-22.68	6.53	3	Vertical	48	2.14	-
2412MHz	Pass	AV	4.82424G	53.71	54.00	-0.29	6.53	3	Horizontal	165	2.44	-
2412MHz	Pass	PK	4.82424G	56.37	74.00	-17.63	6.53	3	Horizontal	165	2.44	-
2437MHz	Pass	AV	2.3598G	45.75	54.00	-8.25	30.59	3	Vertical	19	2.90	-
2437MHz	Pass	AV	2.4362G	99.48	Inf	-Inf	30.83	3	Vertical	19	2.90	-
2437MHz	Pass	AV	2.4978G	46.19	54.00	-7.81	31.00	3	Vertical	19	2.90	-
2437MHz	Pass	PK	2.3594G	55.93	74.00	-18.07	30.59	3	Vertical	19	2.90	-
2437MHz	Pass	PK	2.4362G	104.36	Inf	-Inf	30.83	3	Vertical	19	2.90	-
2437MHz	Pass	PK	2.4858G	56.90	74.00	-17.10	30.98	3	Vertical	19	2.90	-
2437MHz	Pass	AV	2.3562G	47.07	54.00	-6.93	30.58	3	Horizontal	45	2.04	-
2437MHz	Pass	AV	2.4382G	103.21	Inf	-Inf	30.83	3	Horizontal	45	2.04	-
2437MHz	Pass	AV	2.4898G	48.14	54.00	-5.86	30.99	3	Horizontal	45	2.04	-
2437MHz	Pass	PK	2.3558G	56.77	74.00	-17.23	30.58	3	Horizontal	45	2.04	-
2437MHz	Pass	PK	2.4382G	108.03	Inf	-Inf	30.83	3	Horizontal	45	2.04	-
2437MHz	Pass	PK	2.4942G	57.95	74.00	-16.05	31.00	3	Horizontal	45	2.04	-
2437MHz	Pass	AV	4.87424G	44.23	54.00	-9.77	6.65	3	Vertical	35	1.81	-
2437MHz	Pass	PK	4.87418G	49.15	74.00	-24.85	6.65	3	Vertical	35	1.81	-
2437MHz	Pass	AV	4.87424G	51.88	54.00	-2.12	6.65	3	Horizontal	248	1.07	-
2437MHz	Pass	PK	4.87424G	54.76	74.00	-19.24	6.65	3	Horizontal	248	1.07	-
2462MHz	Pass	AV	2.3812G	44.78	54.00	-9.22	30.66	3	Vertical	17	2.83	-
2462MHz	Pass	AV	2.4616G	99.37	Inf	-Inf	30.90	3	Vertical	17	2.83	-
2462MHz	Pass	AV	2.4888G	48.84	54.00	-5.16	30.98	3	Vertical	17	2.83	-
2462MHz	Pass	PK	2.3808G	55.22	74.00	-18.78	30.66	3	Vertical	17	2.83	-
2462MHz	Pass	PK	2.4612G	103.93	Inf	-Inf	30.90	3	Vertical	17	2.83	-
2462MHz	Pass	PK	2.4932G	57.61	74.00	-16.39	30.99	3	Vertical	17	2.83	-
2462MHz	Pass	AV	2.3808G	46.58	54.00	-7.42	30.66	3	Horizontal	47	2.22	-
2462MHz	Pass	AV	2.4612G	103.09	Inf	-Inf	30.90	3	Horizontal	47	2.22	-
2462MHz	Pass	AV	2.4928G	51.27	54.00	-2.73	30.99	3	Horizontal	47	2.22	-
2462MHz	Pass	PK	2.3808G	56.09	74.00	-17.91	30.66	3	Horizontal	47	2.22	-
2462MHz	Pass	PK	2.4612G	107.72	Inf	-Inf	30.90	3	Horizontal	47	2.22	-
2462MHz	Pass	PK	2.4928G	59.64	74.00	-14.36	30.99	3	Horizontal	47	2.22	-
2462MHz	Pass	AV	4.92424G	44.65	54.00	-9.35	6.77	3	Vertical	141	2.83	-
2462MHz	Pass	PK	4.92424G	49.76	74.00	-24.24	6.77	3	Vertical	141	2.83	-
2462MHz	Pass	AV	4.92424G	50.58	54.00	-3.42	6.77	3	Horizontal	248	1.10	-

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	4.92418G	53.61	74.00	-20.39	6.77	3	Horizontal	248	1.10	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	48.92	54.00	-5.08	30.69	3	Vertical	10	2.50	-
2412MHz	Pass	AV	2.413G	96.50	Inf	-Inf	30.76	3	Vertical	10	2.50	-
2412MHz	Pass	PK	2.3874G	66.54	74.00	-7.46	30.68	3	Vertical	10	2.50	-
2412MHz	Pass	PK	2.4128G	105.73	Inf	-Inf	30.76	3	Vertical	10	2.50	-
2412MHz	Pass	AV	2.39G	53.36	54.00	-0.64	30.69	3	Horizontal	39	1.50	-
2412MHz	Pass	AV	2.4126G	99.88	Inf	-Inf	30.76	3	Horizontal	39	1.50	-
2412MHz	Pass	PK	2.3872G	70.95	74.00	-3.05	30.68	3	Horizontal	39	1.50	-
2412MHz	Pass	PK	2.4126G	109.27	Inf	-Inf	30.76	3	Horizontal	39	1.50	-
2412MHz	Pass	AV	4.82592G	43.34	54.00	-10.66	6.54	3	Vertical	164	1.81	-
2412MHz	Pass	PK	4.82592G	58.49	74.00	-15.51	6.54	3	Vertical	164	1.81	-
2412MHz	Pass	AV	4.82644G	38.46	54.00	-15.54	6.54	3	Horizontal	163	2.30	-
2412MHz	Pass	PK	4.82624G	52.10	74.00	-21.90	6.54	3	Horizontal	163	2.30	-
2437MHz	Pass	AV	2.3578G	44.74	54.00	-9.26	30.59	3	Vertical	8	2.99	-
2437MHz	Pass	AV	2.4378G	97.31	Inf	-Inf	30.83	3	Vertical	8	2.99	-
2437MHz	Pass	AV	2.4835G	47.48	54.00	-6.52	30.97	3	Vertical	8	2.99	-
2437MHz	Pass	PK	2.357G	56.09	74.00	-17.91	30.59	3	Vertical	8	2.99	-
2437MHz	Pass	PK	2.4382G	106.47	Inf	-Inf	30.83	3	Vertical	8	2.99	-
2437MHz	Pass	PK	2.4862G	58.36	74.00	-15.64	30.98	3	Vertical	8	2.99	-
2437MHz	Pass	AV	2.3898G	47.08	54.00	-6.92	30.69	3	Horizontal	45	1.01	-
2437MHz	Pass	AV	2.4378G	99.25	Inf	-Inf	30.83	3	Horizontal	45	1.01	-
2437MHz	Pass	AV	2.4835G	49.39	54.00	-4.61	30.97	3	Horizontal	45	1.01	-
2437MHz	Pass	PK	2.383G	59.29	74.00	-14.71	30.67	3	Horizontal	45	1.01	-
2437MHz	Pass	PK	2.4378G	108.19	Inf	-Inf	30.83	3	Horizontal	45	1.01	-
2437MHz	Pass	PK	2.485G	61.99	74.00	-12.01	30.97	3	Horizontal	45	1.01	-
2437MHz	Pass	AV	4.87576G	44.09	54.00	-9.91	6.66	3	Vertical	194	1.10	-
2437MHz	Pass	PK	4.87608G	58.20	74.00	-15.80	6.66	3	Vertical	194	1.10	-
2437MHz	Pass	AV	4.87228G	38.30	54.00	-15.70	6.65	3	Horizontal	159	1.07	-
2437MHz	Pass	PK	4.8764G	52.24	74.00	-21.76	6.66	3	Horizontal	159	1.07	-
2447MHz	Pass	AV	2.448G	97.26	Inf	-Inf	30.87	3	Vertical	7	3.01	-
2447MHz	Pass	AV	2.4835G	49.78	54.00	-4.22	30.97	3	Vertical	7	3.01	-
2447MHz	Pass	PK	2.4478G	106.25	Inf	-Inf	30.86	3	Vertical	7	3.01	-
2447MHz	Pass	PK	2.4842G	60.88	74.00	-13.12	30.97	3	Vertical	7	3.01	-
2447MHz	Pass	AV	2.4476G	99.40	Inf	-Inf	30.86	3	Horizontal	45	1.22	-
2447MHz	Pass	AV	2.4838G	52.40	54.00	-1.60	30.97	3	Horizontal	45	1.22	-
2447MHz	Pass	PK	2.4476G	108.63	Inf	-Inf	30.86	3	Horizontal	45	1.22	-
2447MHz	Pass	PK	2.4836G	63.74	74.00	-10.26	30.97	3	Horizontal	45	1.22	-
2452MHz	Pass	AV	2.4532G	96.53	Inf	-Inf	30.88	3	Vertical	15	2.65	-
2452MHz	Pass	AV	2.4848G	49.04	54.00	-4.96	30.97	3	Vertical	15	2.65	-
2452MHz	Pass	PK	2.4532G	105.39	Inf	-Inf	30.88	3	Vertical	15	2.65	-
2452MHz	Pass	PK	2.4835G	61.95	74.00	-12.05	30.97	3	Vertical	15	2.65	-
2452MHz	Pass	AV	2.4526G	98.70	Inf	-Inf	30.88	3	Horizontal	45	1.22	-
2452MHz	Pass	AV	2.4835G	53.14	54.00	-0.86	30.97	3	Horizontal	45	1.22	-
2452MHz	Pass	PK	2.4526G	108.01	Inf	-Inf	30.88	3	Horizontal	45	1.22	-
2452MHz	Pass	PK	2.4836G	64.33	74.00	-9.67	30.97	3	Horizontal	45	1.22	-
2457MHz	Pass	AV	2.4582G	95.26	Inf	-Inf	30.89	3	Vertical	14	2.65	-
2457MHz	Pass	AV	2.4856G	48.37	54.00	-5.63	30.98	3	Vertical	14	2.65	-
2457MHz	Pass	PK	2.4584G	103.99	Inf	-Inf	30.89	3	Vertical	14	2.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4856G	60.97	74.00	-13.03	30.98	3	Vertical	14	2.65	-
2457MHz	Pass	AV	2.458G	96.94	Inf	-Inf	30.89	3	Horizontal	42	2.15	-
2457MHz	Pass	AV	2.4835G	51.61	54.00	-2.39	30.97	3	Horizontal	42	2.15	-
2457MHz	Pass	PK	2.4578G	106.06	Inf	-Inf	30.89	3	Horizontal	42	2.15	-
2457MHz	Pass	PK	2.4836G	64.10	74.00	-9.90	30.97	3	Horizontal	42	2.15	-
2462MHz	Pass	AV	2.4604G	88.72	Inf	-Inf	30.89	3	Vertical	161	1.90	-
2462MHz	Pass	AV	2.5G	44.75	54.00	-9.25	31.02	3	Vertical	161	1.90	-
2462MHz	Pass	PK	2.4606G	97.87	Inf	-Inf	30.90	3	Vertical	161	1.90	-
2462MHz	Pass	PK	2.4892G	55.43	74.00	-18.57	30.98	3	Vertical	161	1.90	-
2462MHz	Pass	AV	2.4628G	92.66	Inf	-Inf	30.90	3	Horizontal	43	1.43	-
2462MHz	Pass	AV	2.5G	47.91	54.00	-6.09	31.02	3	Horizontal	43	1.43	-
2462MHz	Pass	PK	2.4628G	102.63	Inf	-Inf	30.90	3	Horizontal	43	1.43	-
2462MHz	Pass	PK	2.4838G	61.82	74.00	-12.18	30.97	3	Horizontal	43	1.43	-
2462MHz	Pass	AV	4.9258G	34.79	54.00	-19.21	6.78	3	Vertical	185	1.50	-
2462MHz	Pass	PK	4.9302G	50.01	74.00	-23.99	6.78	3	Vertical	185	1.50	-
2462MHz	Pass	AV	4.92152G	32.67	54.00	-21.33	6.76	3	Horizontal	156	2.11	-
2462MHz	Pass	PK	4.91616G	46.31	74.00	-27.69	6.75	3	Horizontal	156	2.11	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	48.41	54.00	-5.59	30.69	3	Vertical	10	2.50	-
2412MHz	Pass	AV	2.4126G	93.57	Inf	-Inf	30.76	3	Vertical	10	2.50	-
2412MHz	Pass	PK	2.3894G	62.68	74.00	-11.32	30.68	3	Vertical	10	2.50	-
2412MHz	Pass	PK	2.4134G	103.47	Inf	-Inf	30.76	3	Vertical	10	2.50	-
2412MHz	Pass	AV	2.3898G	51.17	54.00	-2.83	30.69	3	Horizontal	40	1.50	-
2412MHz	Pass	AV	2.4096G	96.69	Inf	-Inf	30.75	3	Horizontal	40	1.50	-
2412MHz	Pass	PK	2.3894G	66.67	74.00	-7.33	30.68	3	Horizontal	40	1.50	-
2412MHz	Pass	PK	2.4096G	106.76	Inf	-Inf	30.75	3	Horizontal	40	1.50	-
2412MHz	Pass	AV	4.82252G	38.59	54.00	-15.41	6.53	3	Vertical	168	1.26	-
2412MHz	Pass	PK	4.8248G	53.59	74.00	-20.41	6.53	3	Vertical	168	1.26	-
2412MHz	Pass	AV	4.8226G	35.14	54.00	-18.86	6.53	3	Horizontal	159	2.29	-
2412MHz	Pass	PK	4.82536G	49.81	74.00	-24.19	6.54	3	Horizontal	159	2.29	-
2417MHz	Pass	AV	2.3888G	45.61	54.00	-8.39	30.68	3	Vertical	164	2.03	-
2417MHz	Pass	AV	2.4188G	93.00	Inf	-Inf	30.78	3	Vertical	164	2.03	-
2417MHz	Pass	PK	2.3886G	57.89	74.00	-16.11	30.68	3	Vertical	164	2.03	-
2417MHz	Pass	PK	2.4162G	101.94	Inf	-Inf	30.77	3	Vertical	164	2.03	-
2417MHz	Pass	AV	2.3896G	51.30	54.00	-2.70	30.69	3	Horizontal	39	1.50	-
2417MHz	Pass	AV	2.4198G	99.14	Inf	-Inf	30.78	3	Horizontal	39	1.50	-
2417MHz	Pass	PK	2.3894G	65.67	74.00	-8.33	30.68	3	Horizontal	39	1.50	-
2417MHz	Pass	PK	2.4198G	108.84	Inf	-Inf	30.78	3	Horizontal	39	1.50	-
2437MHz	Pass	AV	2.3878G	44.74	54.00	-9.26	30.68	3	Vertical	0	3.01	-
2437MHz	Pass	AV	2.4378G	96.15	Inf	-Inf	30.83	3	Vertical	0	3.01	-
2437MHz	Pass	AV	2.4835G	47.58	54.00	-6.42	30.97	3	Vertical	0	3.01	-
2437MHz	Pass	PK	2.3566G	55.86	74.00	-18.14	30.59	3	Vertical	0	3.01	-
2437MHz	Pass	PK	2.435G	105.51	Inf	-Inf	30.82	3	Vertical	0	3.01	-
2437MHz	Pass	PK	2.4862G	58.53	74.00	-15.47	30.98	3	Vertical	0	3.01	-
2437MHz	Pass	AV	2.3898G	47.15	54.00	-6.85	30.69	3	Horizontal	36	1.03	-
2437MHz	Pass	AV	2.4346G	98.61	Inf	-Inf	30.82	3	Horizontal	36	1.03	-
2437MHz	Pass	AV	2.4835G	49.77	54.00	-4.23	30.97	3	Horizontal	36	1.03	-
2437MHz	Pass	PK	2.3558G	58.84	74.00	-15.16	30.58	3	Horizontal	36	1.03	-
2437MHz	Pass	PK	2.4398G	108.62	Inf	-Inf	30.84	3	Horizontal	36	1.03	-

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	2.4842G	62.00	74.00	-12.00	30.97	3	Horizontal	36	1.03	-
2437MHz	Pass	AV	4.87508G	42.93	54.00	-11.07	6.66	3	Vertical	171	1.99	-
2437MHz	Pass	PK	4.87742G	58.57	74.00	-15.43	6.67	3	Vertical	171	1.99	-
2437MHz	Pass	AV	4.8758G	37.62	54.00	-16.38	6.66	3	Horizontal	165	2.09	-
2437MHz	Pass	PK	4.87052G	51.67	74.00	-22.33	6.65	3	Horizontal	165	2.09	-
2447MHz	Pass	AV	2.4476G	96.08	Inf	-Inf	30.86	3	Vertical	8	2.74	-
2447MHz	Pass	AV	2.4836G	48.72	54.00	-5.28	30.97	3	Vertical	8	2.74	-
2447MHz	Pass	PK	2.4444G	105.11	Inf	-Inf	30.85	3	Vertical	8	2.74	-
2447MHz	Pass	PK	2.4848G	60.75	74.00	-13.25	30.97	3	Vertical	8	2.74	-
2447MHz	Pass	AV	2.4446G	98.67	Inf	-Inf	30.85	3	Horizontal	43	1.02	-
2447MHz	Pass	AV	2.4846G	52.70	54.00	-1.30	30.97	3	Horizontal	43	1.02	-
2447MHz	Pass	PK	2.4446G	108.38	Inf	-Inf	30.85	3	Horizontal	43	1.02	-
2447MHz	Pass	PK	2.4884G	64.49	74.00	-9.51	30.98	3	Horizontal	43	1.02	-
2452MHz	Pass	AV	2.4526G	95.48	Inf	-Inf	30.88	3	Vertical	11	2.64	-
2452MHz	Pass	AV	2.4836G	49.63	54.00	-4.37	30.97	3	Vertical	11	2.64	-
2452MHz	Pass	PK	2.4532G	105.06	Inf	-Inf	30.88	3	Vertical	11	2.64	-
2452MHz	Pass	PK	2.4838G	62.46	74.00	-11.54	30.97	3	Vertical	11	2.64	-
2452MHz	Pass	AV	2.4526G	97.52	Inf	-Inf	30.88	3	Horizontal	43	2.17	-
2452MHz	Pass	AV	2.484G	52.60	54.00	-1.40	30.97	3	Horizontal	43	2.17	-
2452MHz	Pass	PK	2.45G	106.66	Inf	-Inf	30.87	3	Horizontal	43	2.17	-
2452MHz	Pass	PK	2.4838G	65.09	74.00	-8.91	30.97	3	Horizontal	43	2.17	-
2457MHz	Pass	AV	2.4576G	94.19	Inf	-Inf	30.89	3	Vertical	15	2.65	-
2457MHz	Pass	AV	2.4836G	48.31	54.00	-5.69	30.97	3	Vertical	15	2.65	-
2457MHz	Pass	PK	2.4548G	104.16	Inf	-Inf	30.88	3	Vertical	15	2.65	-
2457MHz	Pass	PK	2.4835G	60.25	74.00	-13.75	30.97	3	Vertical	15	2.65	-
2457MHz	Pass	AV	2.4576G	96.06	Inf	-Inf	30.89	3	Horizontal	40	2.15	-
2457MHz	Pass	AV	2.4836G	51.50	54.00	-2.50	30.97	3	Horizontal	40	2.15	-
2457MHz	Pass	PK	2.455G	105.85	Inf	-Inf	30.88	3	Horizontal	40	2.15	-
2457MHz	Pass	PK	2.486G	63.93	74.00	-10.07	30.98	3	Horizontal	40	2.15	-
2462MHz	Pass	AV	2.4638G	88.22	Inf	-Inf	30.91	3	Vertical	164	1.90	-
2462MHz	Pass	AV	2.4836G	44.59	54.00	-9.41	30.97	3	Vertical	164	1.90	-
2462MHz	Pass	PK	2.461G	97.99	Inf	-Inf	30.90	3	Vertical	164	1.90	-
2462MHz	Pass	PK	2.4836G	56.02	74.00	-17.98	30.97	3	Vertical	164	1.90	-
2462MHz	Pass	AV	2.4648G	93.01	Inf	-Inf	30.92	3	Horizontal	38	1.46	-
2462MHz	Pass	AV	2.5G	48.10	54.00	-5.90	31.02	3	Horizontal	38	1.46	-
2462MHz	Pass	PK	2.4648G	103.21	Inf	-Inf	30.92	3	Horizontal	38	1.46	-
2462MHz	Pass	PK	2.49G	61.31	74.00	-12.69	30.99	3	Horizontal	38	1.46	-
2462MHz	Pass	AV	4.92742G	34.12	54.00	-19.88	6.78	3	Vertical	188	1.50	-
2462MHz	Pass	PK	4.9243G	49.51	74.00	-24.49	6.77	3	Vertical	188	1.50	-
2462MHz	Pass	AV	4.92034G	32.57	54.00	-21.43	6.76	3	Horizontal	158	2.07	-
2462MHz	Pass	PK	4.9246G	46.79	74.00	-27.21	6.77	3	Horizontal	158	2.07	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	48.83	54.00	-5.17	30.69	3	Vertical	20	2.92	-
2422MHz	Pass	AV	2.4168G	88.47	Inf	-Inf	30.77	3	Vertical	20	2.92	-
2422MHz	Pass	AV	2.5G	45.15	54.00	-8.85	31.02	3	Vertical	20	2.92	-
2422MHz	Pass	PK	2.3892G	61.96	74.00	-12.04	30.68	3	Vertical	20	2.92	-
2422MHz	Pass	PK	2.4168G	97.58	Inf	-Inf	30.77	3	Vertical	20	2.92	-
2422MHz	Pass	PK	2.496G	56.51	74.00	-17.49	31.00	3	Vertical	20	2.92	-
2422MHz	Pass	AV	2.3896G	50.84	54.00	-3.16	30.69	3	Horizontal	37	1.83	-

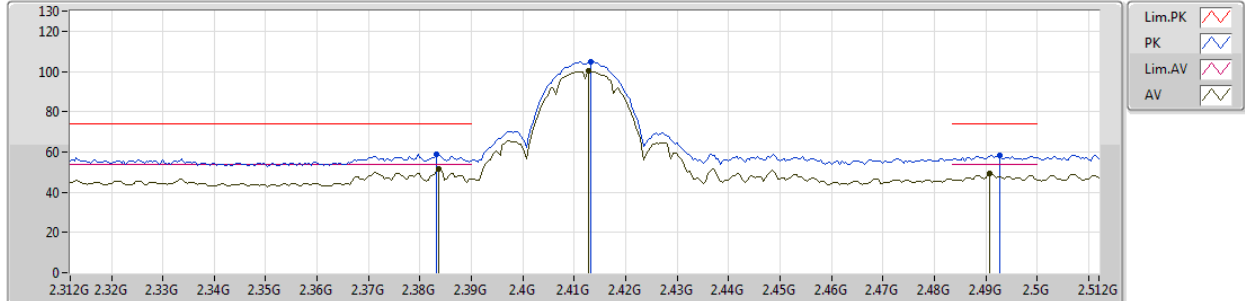
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.42G	91.56	Inf	-Inf	30.78	3	Horizontal	37	1.83	-
2422MHz	Pass	AV	2.5G	44.85	54.00	-9.15	31.02	3	Horizontal	37	1.83	-
2422MHz	Pass	PK	2.39G	64.86	74.00	-9.14	30.69	3	Horizontal	37	1.83	-
2422MHz	Pass	PK	2.4248G	101.17	Inf	-Inf	30.79	3	Horizontal	37	1.83	-
2422MHz	Pass	PK	2.5G	55.62	74.00	-18.38	31.02	3	Horizontal	37	1.83	-
2422MHz	Pass	AV	4.84472G	33.85	54.00	-20.15	6.58	3	Vertical	197	1.01	-
2422MHz	Pass	PK	4.84472G	47.27	74.00	-26.73	6.58	3	Vertical	197	1.01	-
2422MHz	Pass	AV	4.84514G	32.50	54.00	-21.50	6.58	3	Horizontal	240	1.06	-
2422MHz	Pass	PK	4.85036G	46.04	74.00	-27.96	6.60	3	Horizontal	240	1.06	-
2427MHz	Pass	AV	2.3886G	45.70	54.00	-8.30	30.68	3	Vertical	164	2.04	-
2427MHz	Pass	AV	2.429G	85.57	Inf	-Inf	30.81	3	Vertical	164	2.04	-
2427MHz	Pass	AV	2.4998G	44.75	54.00	-9.25	31.01	3	Vertical	164	2.04	-
2427MHz	Pass	PK	2.3898G	56.83	74.00	-17.17	30.69	3	Vertical	164	2.04	-
2427MHz	Pass	PK	2.4286G	95.08	Inf	-Inf	30.81	3	Vertical	164	2.04	-
2427MHz	Pass	PK	2.4966G	55.27	74.00	-18.73	31.00	3	Vertical	164	2.04	-
2427MHz	Pass	AV	2.3894G	50.02	54.00	-3.98	30.68	3	Horizontal	39	1.08	-
2427MHz	Pass	AV	2.4298G	91.84	Inf	-Inf	30.81	3	Horizontal	39	1.08	-
2427MHz	Pass	AV	2.4998G	47.89	54.00	-6.11	31.01	3	Horizontal	39	1.08	-
2427MHz	Pass	PK	2.3874G	61.98	74.00	-12.02	30.68	3	Horizontal	39	1.08	-
2427MHz	Pass	PK	2.4314G	101.52	Inf	-Inf	30.82	3	Horizontal	39	1.08	-
2427MHz	Pass	PK	2.4998G	56.95	74.00	-17.05	31.01	3	Horizontal	39	1.08	-
2432MHz	Pass	AV	2.3892G	50.36	54.00	-3.64	30.68	3	Vertical	166	1.96	-
2432MHz	Pass	AV	2.434G	90.51	Inf	-Inf	30.82	3	Vertical	166	1.96	-
2432MHz	Pass	AV	2.4835G	46.49	54.00	-7.51	30.97	3	Vertical	166	1.96	-
2432MHz	Pass	PK	2.3888G	62.80	74.00	-11.20	30.68	3	Vertical	166	1.96	-
2432MHz	Pass	PK	2.4336G	99.92	Inf	-Inf	30.82	3	Vertical	166	1.96	-
2432MHz	Pass	PK	2.4868G	58.16	74.00	-15.84	30.98	3	Vertical	166	1.96	-
2432MHz	Pass	AV	2.3892G	52.82	54.00	-1.18	30.68	3	Horizontal	43	1.06	-
2432MHz	Pass	AV	2.4348G	95.13	Inf	-Inf	30.82	3	Horizontal	43	1.06	-
2432MHz	Pass	AV	2.5G	50.37	54.00	-3.63	31.02	3	Horizontal	43	1.06	-
2432MHz	Pass	PK	2.3896G	64.65	74.00	-9.35	30.69	3	Horizontal	43	1.06	-
2432MHz	Pass	PK	2.4348G	102.91	Inf	-Inf	30.82	3	Horizontal	43	1.06	-
2432MHz	Pass	PK	2.4896G	62.02	74.00	-11.98	30.99	3	Horizontal	43	1.06	-
2437MHz	Pass	AV	2.3898G	49.93	54.00	-4.07	30.69	3	Vertical	12	2.89	-
2437MHz	Pass	AV	2.4398G	92.51	Inf	-Inf	30.84	3	Vertical	12	2.89	-
2437MHz	Pass	AV	2.4842G	51.68	54.00	-2.32	30.97	3	Vertical	12	2.89	-
2437MHz	Pass	PK	2.3894G	62.10	74.00	-11.90	30.68	3	Vertical	12	2.89	-
2437MHz	Pass	PK	2.4346G	101.17	Inf	-Inf	30.82	3	Vertical	12	2.89	-
2437MHz	Pass	PK	2.4842G	63.44	74.00	-10.56	30.97	3	Vertical	12	2.89	-
2437MHz	Pass	AV	2.3898G	53.32	54.00	-0.68	30.69	3	Horizontal	43	2.08	-
2437MHz	Pass	AV	2.4398G	96.12	Inf	-Inf	30.84	3	Horizontal	43	2.08	-
2437MHz	Pass	AV	2.4854G	53.24	54.00	-0.76	30.97	3	Horizontal	43	2.08	-
2437MHz	Pass	PK	2.3894G	65.92	74.00	-8.08	30.68	3	Horizontal	43	2.08	-
2437MHz	Pass	PK	2.4426G	104.55	Inf	-Inf	30.84	3	Horizontal	43	2.08	-
2437MHz	Pass	PK	2.4858G	65.89	74.00	-8.11	30.98	3	Horizontal	43	2.08	-
2437MHz	Pass	AV	4.8746G	39.21	54.00	-14.79	6.65	3	Vertical	196	1.01	-
2437MHz	Pass	PK	4.87526G	53.96	74.00	-20.04	6.66	3	Vertical	196	1.01	-
2437MHz	Pass	AV	4.8755G	34.89	54.00	-19.11	6.66	3	Horizontal	164	2.05	-
2437MHz	Pass	PK	4.87484G	49.69	74.00	-24.31	6.65	3	Horizontal	164	2.05	-

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	2.3856G	44.27	54.00	-9.73	30.68	3	Vertical	166	1.97	-
2442MHz	Pass	AV	2.444G	88.60	Inf	-Inf	30.85	3	Vertical	166	1.97	-
2442MHz	Pass	AV	2.4835G	47.43	54.00	-6.57	30.97	3	Vertical	166	1.97	-
2442MHz	Pass	PK	2.35G	55.01	74.00	-18.99	30.56	3	Vertical	166	1.97	-
2442MHz	Pass	PK	2.4436G	98.55	Inf	-Inf	30.84	3	Vertical	166	1.97	-
2442MHz	Pass	PK	2.4872G	57.69	74.00	-16.31	30.98	3	Vertical	166	1.97	-
2442MHz	Pass	AV	2.3872G	47.24	54.00	-6.76	30.68	3	Horizontal	52	1.01	-
2442MHz	Pass	AV	2.4448G	94.64	Inf	-Inf	30.85	3	Horizontal	52	1.01	-
2442MHz	Pass	AV	2.4844G	52.82	54.00	-1.18	30.97	3	Horizontal	52	1.01	-
2442MHz	Pass	PK	2.3852G	58.63	74.00	-15.37	30.67	3	Horizontal	52	1.01	-
2442MHz	Pass	PK	2.4376G	102.99	Inf	-Inf	30.83	3	Horizontal	52	1.01	-
2442MHz	Pass	PK	2.4844G	68.26	74.00	-5.74	30.97	3	Horizontal	52	1.01	-
2447MHz	Pass	AV	2.359G	44.45	54.00	-9.55	30.59	3	Vertical	9	3.02	-
2447MHz	Pass	AV	2.445G	89.14	Inf	-Inf	30.85	3	Vertical	9	3.02	-
2447MHz	Pass	AV	2.4835G	47.16	54.00	-6.84	30.97	3	Vertical	9	3.02	-
2447MHz	Pass	PK	2.365G	55.28	74.00	-18.72	30.62	3	Vertical	9	3.02	-
2447MHz	Pass	PK	2.445G	97.83	Inf	-Inf	30.85	3	Vertical	9	3.02	-
2447MHz	Pass	PK	2.4838G	59.16	74.00	-14.84	30.97	3	Vertical	9	3.02	-
2447MHz	Pass	AV	2.3726G	45.23	54.00	-8.77	30.63	3	Horizontal	32	1.21	-
2447MHz	Pass	AV	2.4498G	91.13	Inf	-Inf	30.87	3	Horizontal	32	1.21	-
2447MHz	Pass	AV	2.4842G	49.08	54.00	-4.92	30.97	3	Horizontal	32	1.21	-
2447MHz	Pass	PK	2.3866G	55.53	74.00	-18.47	30.68	3	Horizontal	32	1.21	-
2447MHz	Pass	PK	2.4446G	99.58	Inf	-Inf	30.85	3	Horizontal	32	1.21	-
2447MHz	Pass	PK	2.4842G	61.39	74.00	-12.61	30.97	3	Horizontal	32	1.21	-
2452MHz	Pass	AV	2.3788G	43.12	54.00	-10.88	30.66	3	Vertical	21	2.83	-
2452MHz	Pass	AV	2.4548G	87.25	Inf	-Inf	30.88	3	Vertical	21	2.83	-
2452MHz	Pass	AV	2.4844G	47.87	54.00	-6.13	30.97	3	Vertical	21	2.83	-
2452MHz	Pass	PK	2.3652G	54.39	74.00	-19.61	30.62	3	Vertical	21	2.83	-
2452MHz	Pass	PK	2.4488G	96.39	Inf	-Inf	30.87	3	Vertical	21	2.83	-
2452MHz	Pass	PK	2.4848G	62.51	74.00	-11.49	30.97	3	Vertical	21	2.83	-
2452MHz	Pass	AV	2.3856G	43.63	54.00	-10.37	30.68	3	Horizontal	45	2.52	-
2452MHz	Pass	AV	2.4548G	91.21	Inf	-Inf	30.88	3	Horizontal	45	2.52	-
2452MHz	Pass	AV	2.4848G	50.29	54.00	-3.71	30.97	3	Horizontal	45	2.52	-
2452MHz	Pass	PK	2.3896G	54.76	74.00	-19.24	30.69	3	Horizontal	45	2.52	-
2452MHz	Pass	PK	2.4572G	99.98	Inf	-Inf	30.89	3	Horizontal	45	2.52	-
2452MHz	Pass	PK	2.4848G	66.58	74.00	-7.42	30.97	3	Horizontal	45	2.52	-
2452MHz	Pass	AV	4.90538G	33.09	54.00	-20.91	6.73	3	Vertical	185	1.85	-
2452MHz	Pass	PK	4.90514G	47.44	74.00	-26.56	6.73	3	Vertical	185	1.85	-
2452MHz	Pass	AV	4.89578G	32.11	54.00	-21.89	6.70	3	Horizontal	160	2.07	-
2452MHz	Pass	PK	4.89656G	45.53	74.00	-28.47	6.71	3	Horizontal	160	2.07	-

802.11b_Nss1,(1Mbps)_2TX

23/10/2018

2412MHz_TX

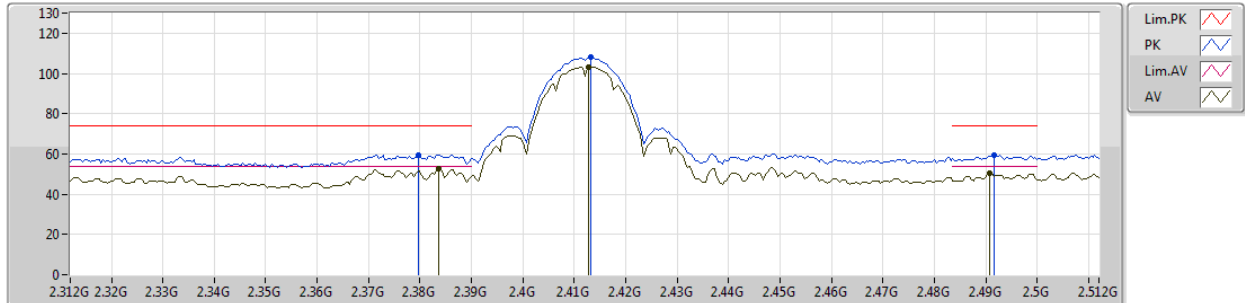


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3836G	51.34	54.00	-2.66	30.67	3	Vertical	19	2.97	-
AV	2.4128G	100.12	Inf	-Inf	30.76	3	Vertical	19	2.97	-
AV	2.4908G	49.57	54.00	-4.43	30.99	3	Vertical	19	2.97	-
PK	2.3832G	59.02	74.00	-14.98	30.67	3	Vertical	19	2.97	-
PK	2.4132G	105.04	Inf	-Inf	30.76	3	Vertical	19	2.97	-
PK	2.4928G	58.48	74.00	-15.52	30.99	3	Vertical	19	2.97	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

18/10/2018

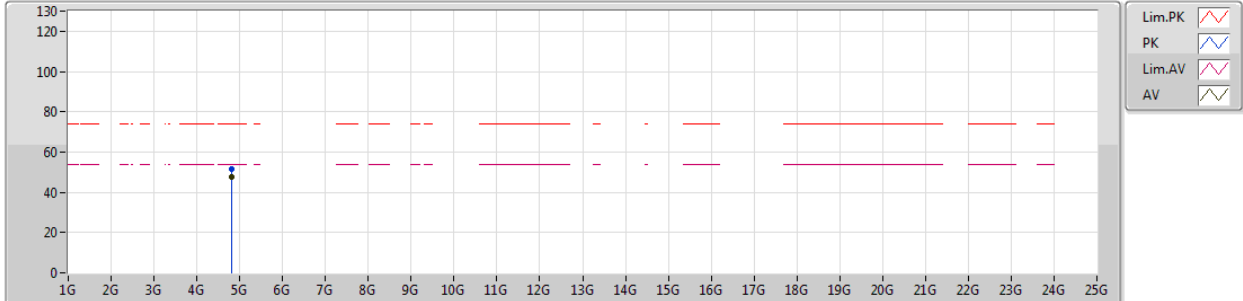


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3836G	52.87	54.00	-1.13	30.67	3	Horizontal	45	2.34	-
AV	2.4128G	103.10	Inf	-Inf	30.76	3	Horizontal	45	2.34	-
AV	2.4908G	50.64	54.00	-3.36	30.99	3	Horizontal	45	2.34	-
PK	2.3796G	59.59	74.00	-14.41	30.66	3	Horizontal	45	2.34	-
PK	2.4132G	108.01	Inf	-Inf	30.76	3	Horizontal	45	2.34	-
PK	2.4916G	59.31	74.00	-14.69	30.99	3	Horizontal	45	2.34	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2412MHz_TX

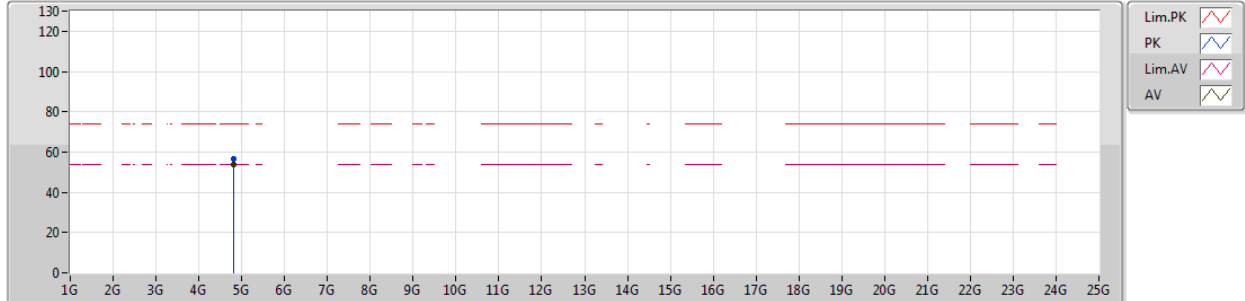


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.82424G	47.48	54.00	-6.52	6.53	3	Vertical	48	2.14	-							
PK	4.8243G	51.32	74.00	-22.68	6.53	3	Vertical	48	2.14	-							

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2412MHz_TX

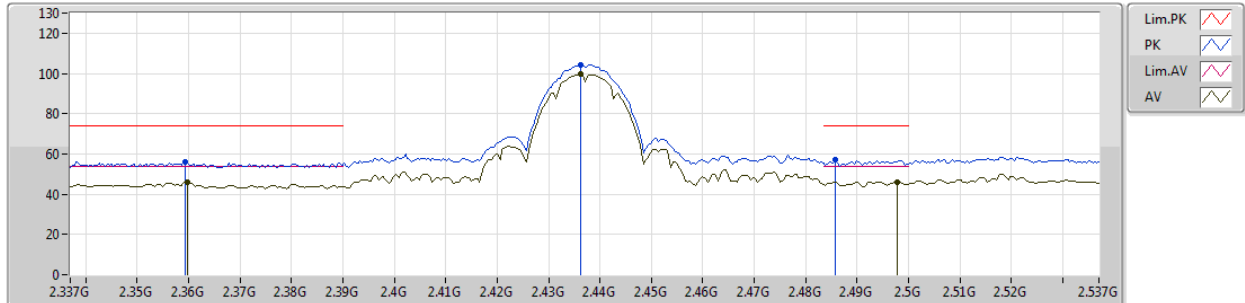


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.82424G	53.71	54.00	-0.29	6.53	3	Horizontal	165	2.44	-							
PK	4.82424G	56.37	74.00	-17.63	6.53	3	Horizontal	165	2.44	-							

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2437MHz_TX

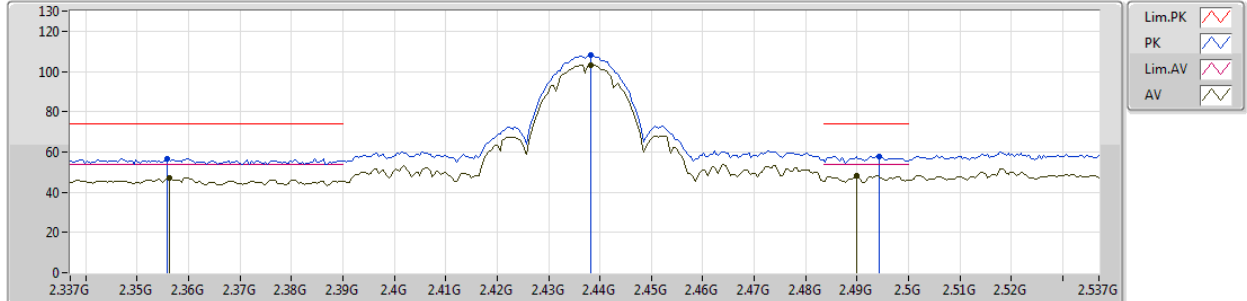


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3598G	45.75	54.00	-8.25	30.59	3	Vertical	19	2.90	-
AV	2.4362G	99.48	Inf	-Inf	30.83	3	Vertical	19	2.90	-
AV	2.4978G	46.19	54.00	-7.81	31.00	3	Vertical	19	2.90	-
PK	2.3594G	55.93	74.00	-18.07	30.59	3	Vertical	19	2.90	-
PK	2.4362G	104.36	Inf	-Inf	30.83	3	Vertical	19	2.90	-
PK	2.4858G	56.90	74.00	-17.10	30.98	3	Vertical	19	2.90	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2437MHz_TX

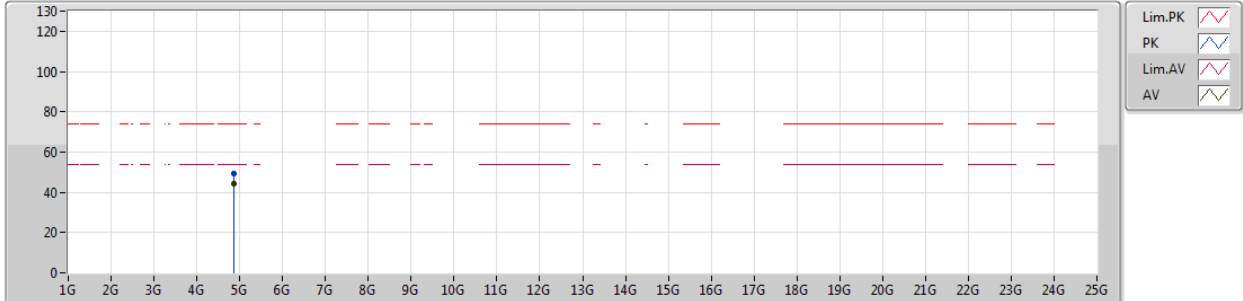


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3562G	47.07	54.00	-6.93	30.58	3	Horizontal	45	2.04	-
AV	2.4382G	103.21	Inf	-Inf	30.83	3	Horizontal	45	2.04	-
AV	2.4898G	48.14	54.00	-5.86	30.99	3	Horizontal	45	2.04	-
PK	2.3558G	56.77	74.00	-17.23	30.58	3	Horizontal	45	2.04	-
PK	2.4382G	108.03	Inf	-Inf	30.83	3	Horizontal	45	2.04	-
PK	2.4942G	57.95	74.00	-16.05	31.00	3	Horizontal	45	2.04	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2437MHz_TX

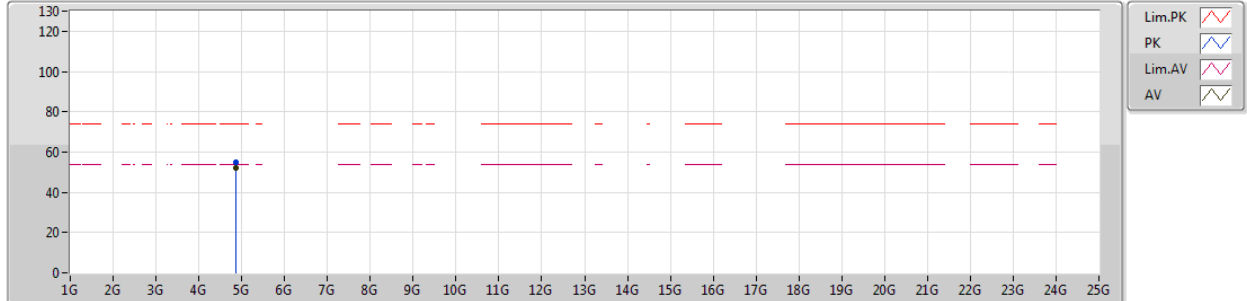


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.87424G	44.23	54.00	-9.77	6.65	3	Vertical	35	1.81	-							
PK	4.87418G	49.15	74.00	-24.85	6.65	3	Vertical	35	1.81	-							

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2437MHz_TX

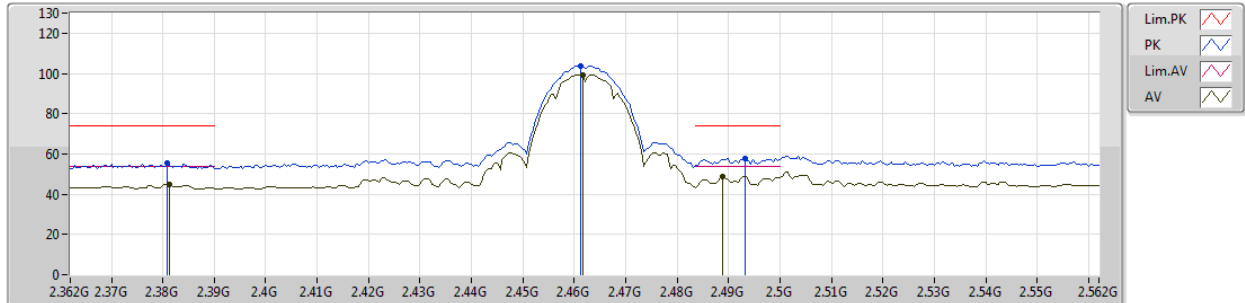


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87424G	51.88	54.00	-2.12	6.65	3	Horizontal	248	1.07	-
PK	4.87424G	54.76	74.00	-19.24	6.65	3	Horizontal	248	1.07	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2462MHz_TX

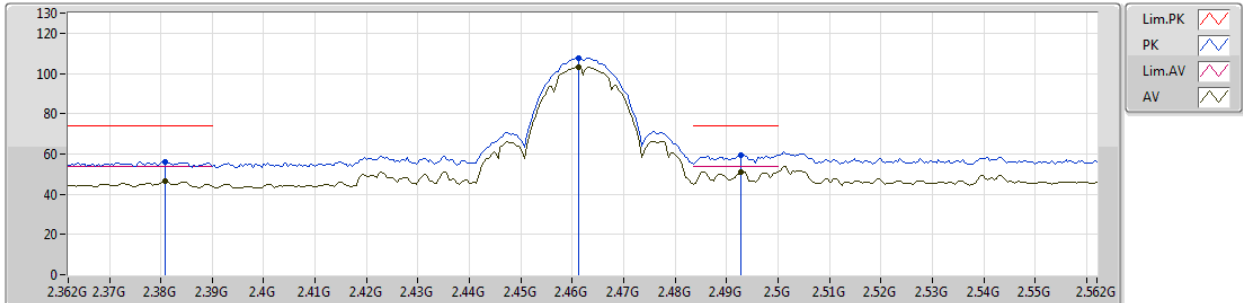


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3812G	44.78	54.00	-9.22	30.66	3	Vertical	17	2.83	-
AV	2.4616G	99.37	Inf	-Inf	30.90	3	Vertical	17	2.83	-
AV	2.4888G	48.84	54.00	-5.16	30.98	3	Vertical	17	2.83	-
PK	2.3808G	55.22	74.00	-18.78	30.66	3	Vertical	17	2.83	-
PK	2.4612G	103.93	Inf	-Inf	30.90	3	Vertical	17	2.83	-
PK	2.4932G	57.61	74.00	-16.39	30.99	3	Vertical	17	2.83	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2462MHz_TX

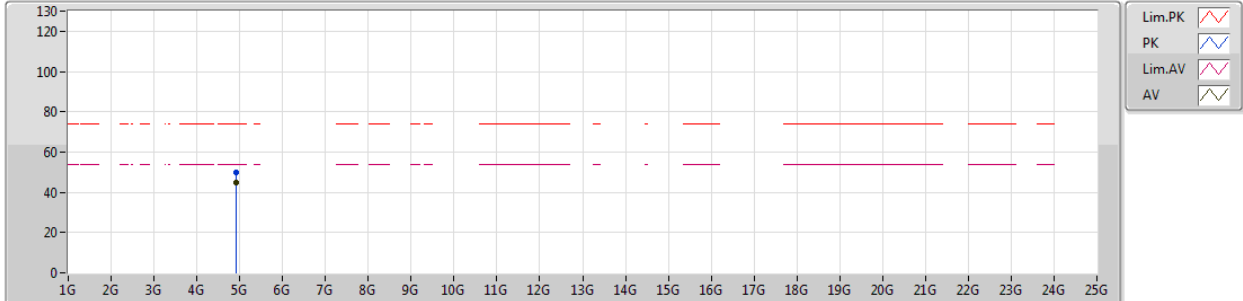


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3808G	46.58	54.00	-7.42	30.66	3	Horizontal	47	2.22	-
AV	2.4612G	103.09	Inf	-Inf	30.90	3	Horizontal	47	2.22	-
AV	2.4928G	51.27	54.00	-2.73	30.99	3	Horizontal	47	2.22	-
PK	2.3808G	56.09	74.00	-17.91	30.66	3	Horizontal	47	2.22	-
PK	2.4612G	107.72	Inf	-Inf	30.90	3	Horizontal	47	2.22	-
PK	2.4928G	59.64	74.00	-14.36	30.99	3	Horizontal	47	2.22	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2462MHz_TX

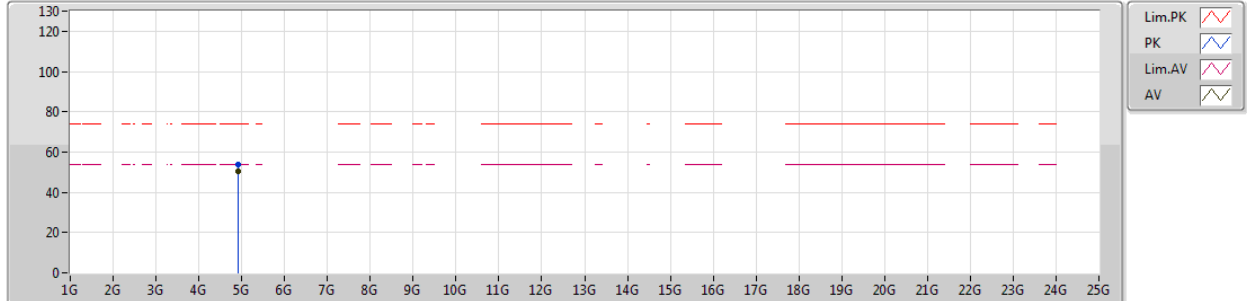


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92424G	44.65	54.00	-9.35	6.77	3	Vertical	141	2.83	-
PK	4.92424G	49.76	74.00	-24.24	6.77	3	Vertical	141	2.83	-

802.11b_Nss1,(1Mbps)_2TX

18/10/2018

2462MHz_TX

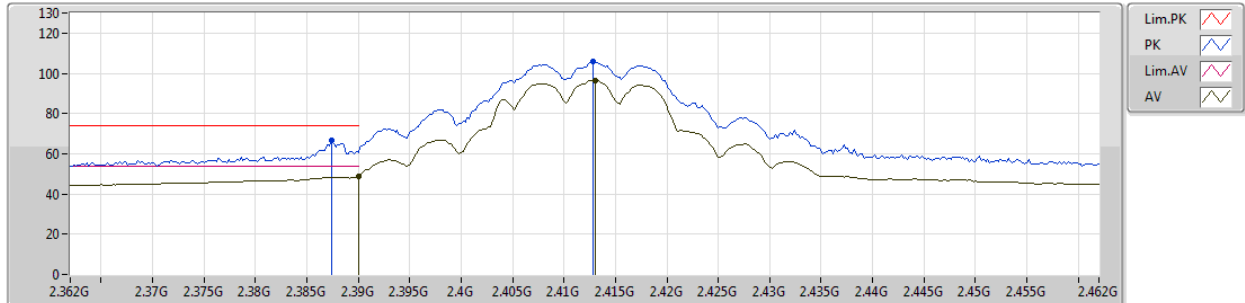


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.92424G	50.58	54.00	-3.42	6.77	3	Horizontal	248	1.10	-								
PK	4.92418G	53.61	74.00	-20.39	6.77	3	Horizontal	248	1.10	-								

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2412MHz_TX

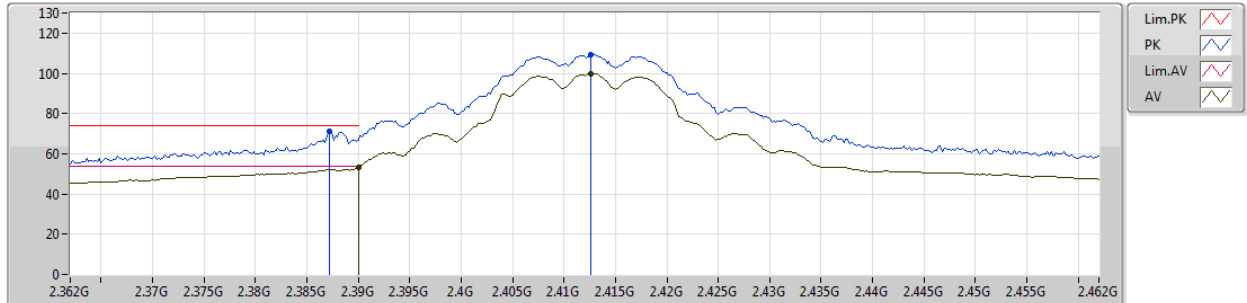


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	48.92	54.00	-5.08	30.69	3	Vertical	10	2.50	-
AV	2.413G	96.50	Inf	-Inf	30.76	3	Vertical	10	2.50	-
PK	2.3874G	66.54	74.00	-7.46	30.68	3	Vertical	10	2.50	-
PK	2.4128G	105.73	Inf	-Inf	30.76	3	Vertical	10	2.50	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2412MHz_TX

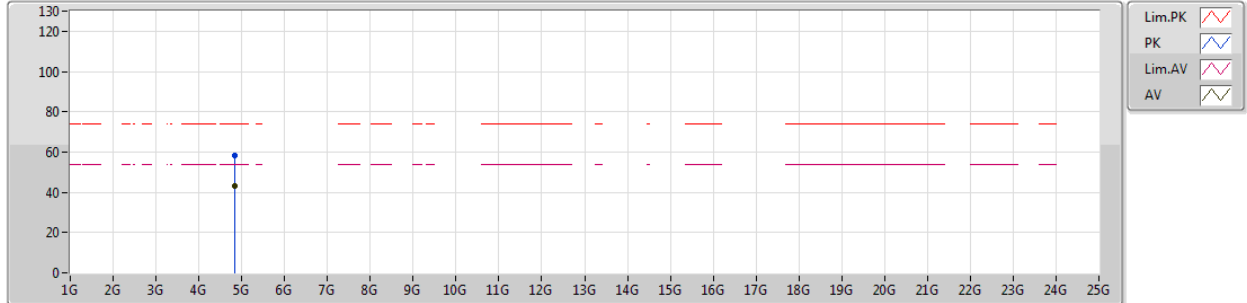


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	2.39G	53.36	54.00	-0.64	30.69	3	Horizontal	39	1.50	-							
AV	2.4126G	99.88	Inf	-Inf	30.76	3	Horizontal	39	1.50	-							
PK	2.3872G	70.95	74.00	-3.05	30.68	3	Horizontal	39	1.50	-							
PK	2.4126G	109.27	Inf	-Inf	30.76	3	Horizontal	39	1.50	-							

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2412MHz_TX

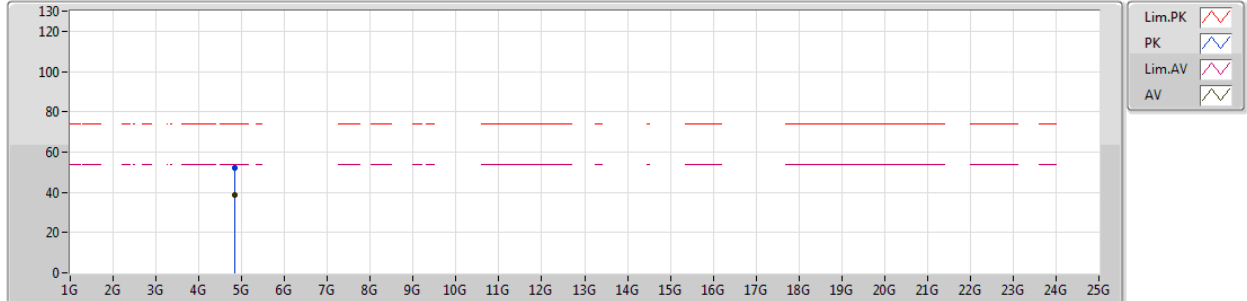


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.82592G	43.34	54.00	-10.66	6.54	3	Vertical	164	1.81	-								
PK	4.82592G	58.49	74.00	-15.51	6.54	3	Vertical	164	1.81	-								

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2412MHz_TX

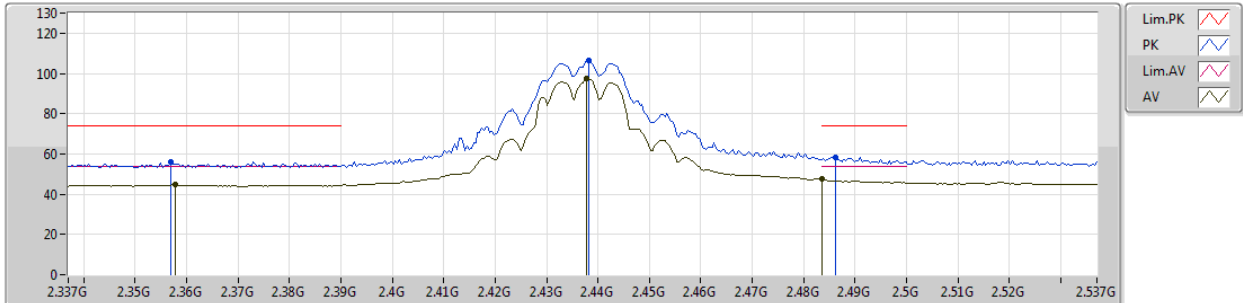


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82644G	38.46	54.00	-15.54	6.54	3	Horizontal	163	2.30	-
PK	4.82624G	52.10	74.00	-21.90	6.54	3	Horizontal	163	2.30	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2437MHz_TX

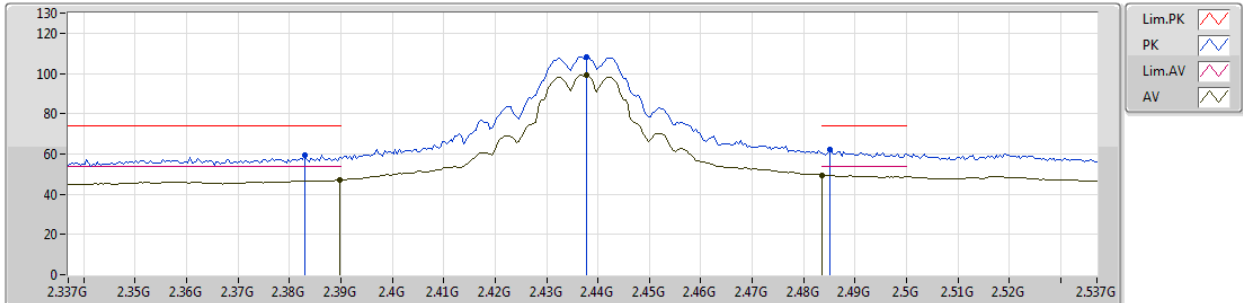


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3578G	44.74	54.00	-9.26	30.59	3	Vertical	8	2.99	-
AV	2.4378G	97.31	Inf	-Inf	30.83	3	Vertical	8	2.99	-
AV	2.4835G	47.48	54.00	-6.52	30.97	3	Vertical	8	2.99	-
PK	2.357G	56.09	74.00	-17.91	30.59	3	Vertical	8	2.99	-
PK	2.4382G	106.47	Inf	-Inf	30.83	3	Vertical	8	2.99	-
PK	2.4862G	58.36	74.00	-15.64	30.98	3	Vertical	8	2.99	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2437MHz_TX

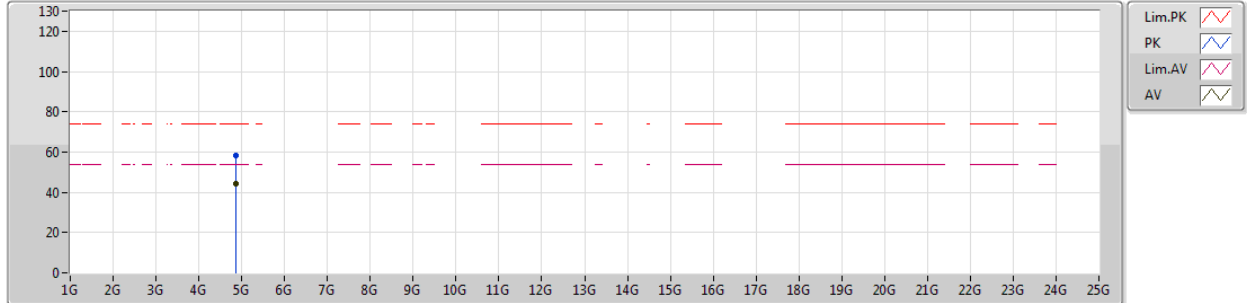


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.08	54.00	-6.92	30.69	3	Horizontal	45	1.01	-
AV	2.4378G	99.25	Inf	-Inf	30.83	3	Horizontal	45	1.01	-
AV	2.4835G	49.39	54.00	-4.61	30.97	3	Horizontal	45	1.01	-
PK	2.383G	59.29	74.00	-14.71	30.67	3	Horizontal	45	1.01	-
PK	2.4378G	108.19	Inf	-Inf	30.83	3	Horizontal	45	1.01	-
PK	2.485G	61.99	74.00	-12.01	30.97	3	Horizontal	45	1.01	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2437MHz_TX

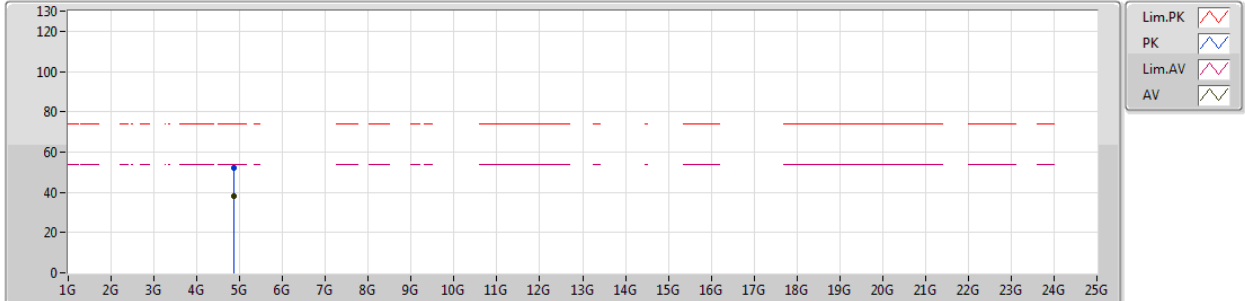


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.87576G	44.09	54.00	-9.91	6.66	3	Vertical	194	1.10	-								
PK	4.87608G	58.20	74.00	-15.80	6.66	3	Vertical	194	1.10	-								

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2437MHz_TX

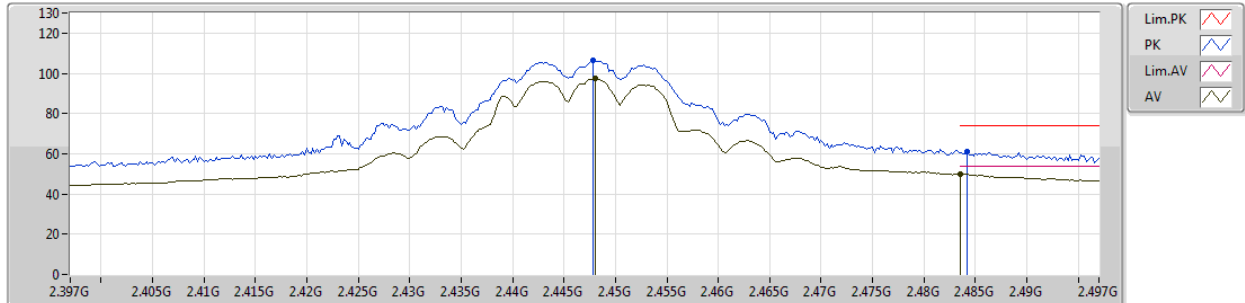


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87228G	38.30	54.00	-15.70	6.65	3	Horizontal	159	1.07	-
PK	4.8764G	52.24	74.00	-21.76	6.66	3	Horizontal	159	1.07	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2018

2447MHz_TX

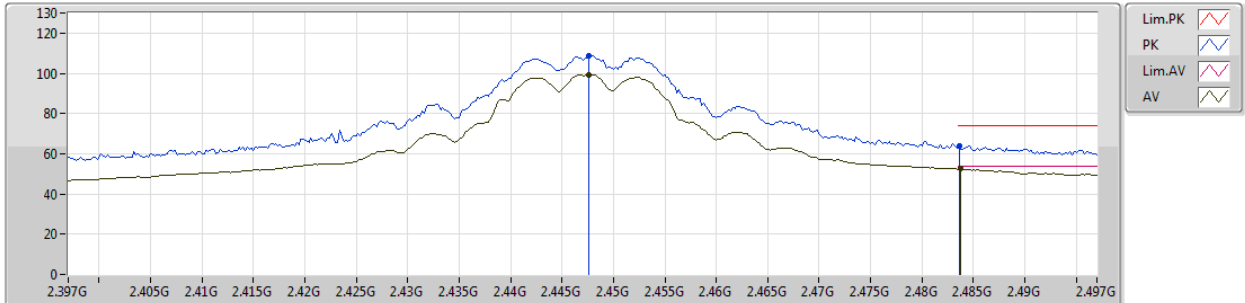


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.448G	97.26	Inf	-Inf	30.87	3	Vertical	7	3.01	-
AV	2.4835G	49.78	54.00	-4.22	30.97	3	Vertical	7	3.01	-
PK	2.4478G	106.25	Inf	-Inf	30.86	3	Vertical	7	3.01	-
PK	2.4842G	60.88	74.00	-13.12	30.97	3	Vertical	7	3.01	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2018

2447MHz_TX

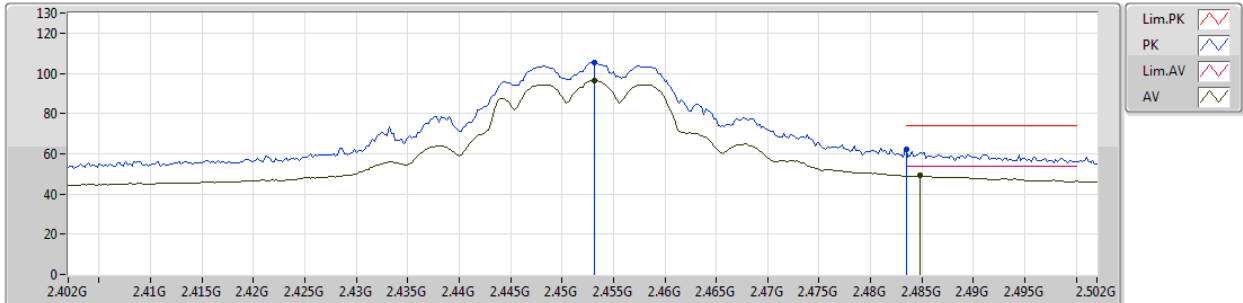


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4476G	99.40	Inf	-Inf	30.86	3	Horizontal	45	1.22	-
AV	2.4838G	52.40	54.00	-1.60	30.97	3	Horizontal	45	1.22	-
PK	2.4476G	108.63	Inf	-Inf	30.86	3	Horizontal	45	1.22	-
PK	2.4836G	63.74	74.00	-10.26	30.97	3	Horizontal	45	1.22	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2018

2452MHz_TX

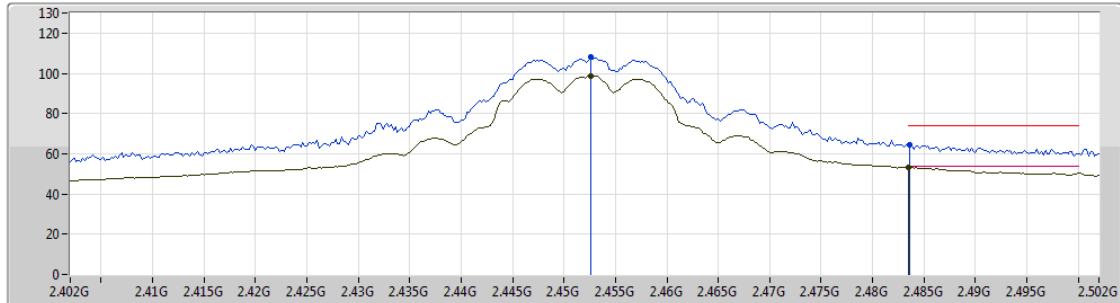


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4532G	96.53	Inf	-Inf	30.88	3	Vertical	15	2.65	-
AV	2.4848G	49.04	54.00	-4.96	30.97	3	Vertical	15	2.65	-
PK	2.4532G	105.39	Inf	-Inf	30.88	3	Vertical	15	2.65	-
PK	2.4835G	61.95	74.00	-12.05	30.97	3	Vertical	15	2.65	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2018

2452MHz_TX



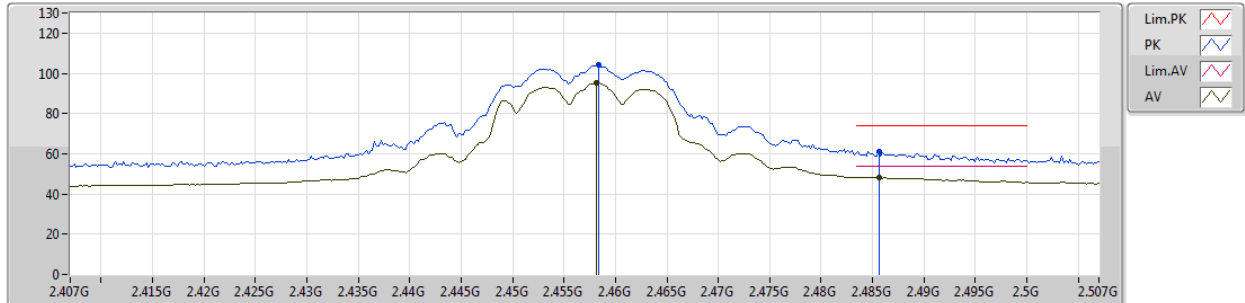
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PK	
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AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4526G	98.70	Inf	-Inf	30.88	3	Horizontal	45	1.22	-
AV	2.4835G	53.14	54.00	-0.86	30.97	3	Horizontal	45	1.22	-
PK	2.4526G	108.01	Inf	-Inf	30.88	3	Horizontal	45	1.22	-
PK	2.4836G	64.33	74.00	-9.67	30.97	3	Horizontal	45	1.22	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

23/10/2018

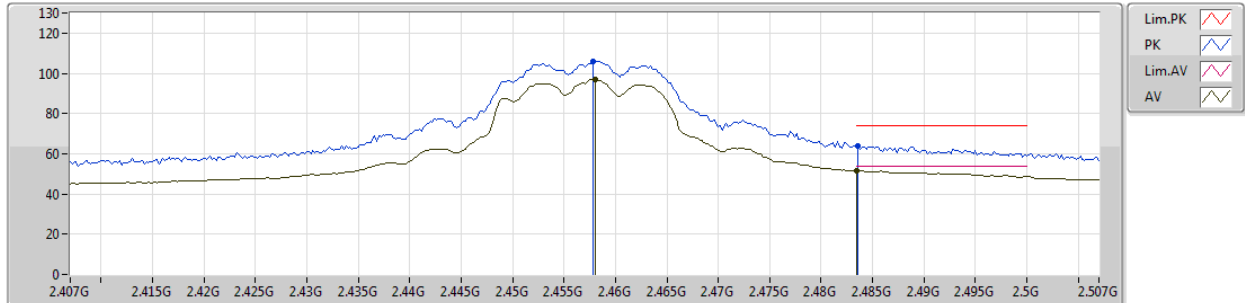


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4582G	95.26	Inf	-Inf	30.89	3	Vertical	14	2.65	-
AV	2.4856G	48.37	54.00	-5.63	30.98	3	Vertical	14	2.65	-
PK	2.4584G	103.99	Inf	-Inf	30.89	3	Vertical	14	2.65	-
PK	2.4856G	60.97	74.00	-13.03	30.98	3	Vertical	14	2.65	-

802.11g_Nss1,(6Mbps)_2TX

23/10/2018

2457MHz_TX

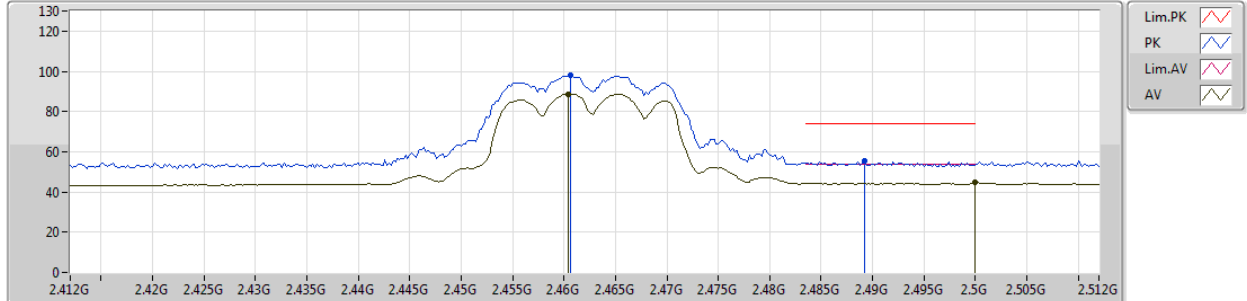


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.458G	96.94	Inf	-Inf	30.89	3	Horizontal	42	2.15	-
AV	2.4835G	51.61	54.00	-2.39	30.97	3	Horizontal	42	2.15	-
PK	2.4578G	106.06	Inf	-Inf	30.89	3	Horizontal	42	2.15	-
PK	2.4836G	64.10	74.00	-9.90	30.97	3	Horizontal	42	2.15	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2462MHz_TX

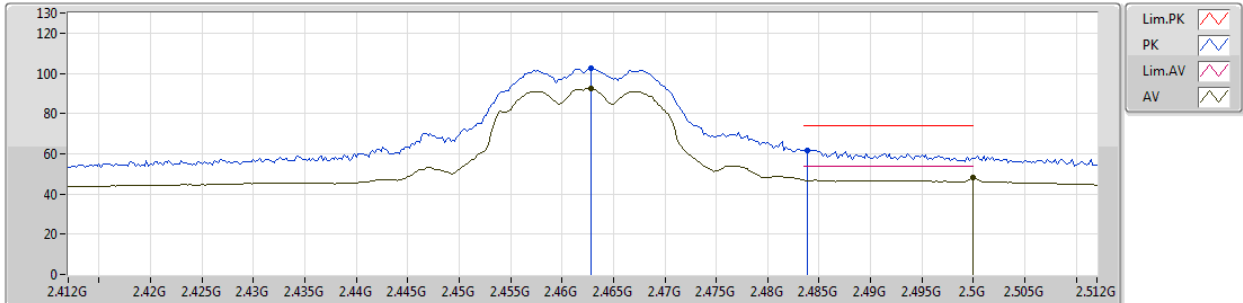


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	2.4604G	88.72	Inf	-Inf	30.89	3	Vertical	161	1.90	-							
AV	2.5G	44.75	54.00	-9.25	31.02	3	Vertical	161	1.90	-							
PK	2.4606G	97.87	Inf	-Inf	30.90	3	Vertical	161	1.90	-							
PK	2.4892G	55.43	74.00	-18.57	30.98	3	Vertical	161	1.90	-							

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2462MHz_TX

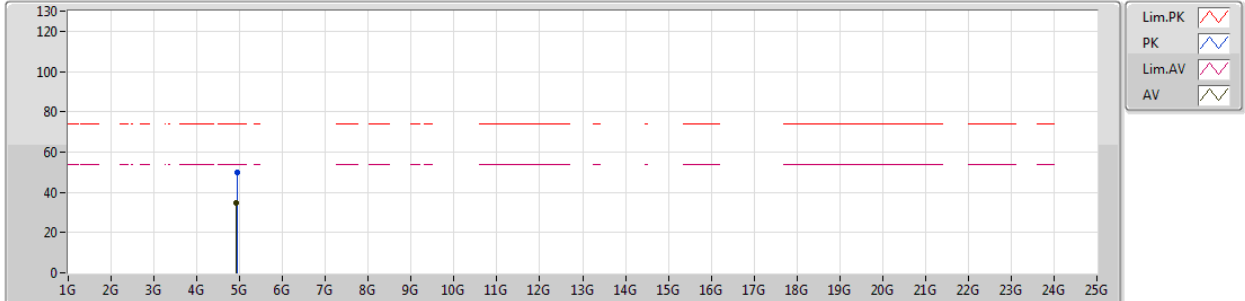


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4628G	92.66	Inf	-Inf	30.90	3	Horizontal	43	1.43	-
AV	2.5G	47.91	54.00	-6.09	31.02	3	Horizontal	43	1.43	-
PK	2.4628G	102.63	Inf	-Inf	30.90	3	Horizontal	43	1.43	-
PK	2.4838G	61.82	74.00	-12.18	30.97	3	Horizontal	43	1.43	-

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2462MHz_TX

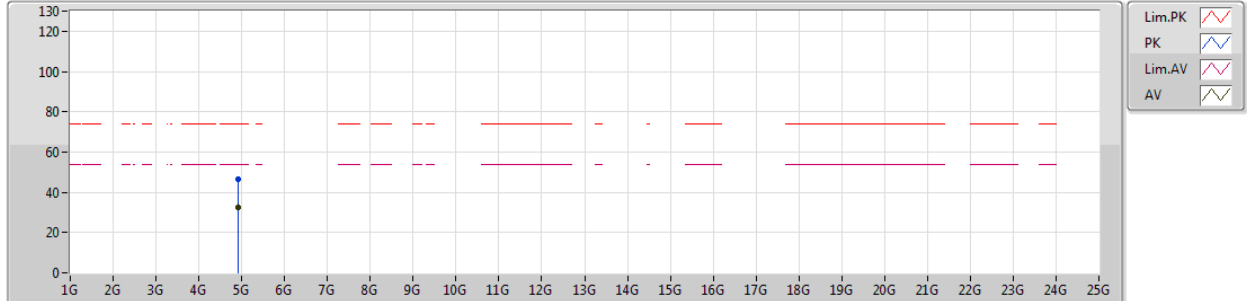


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.9258G	34.79	54.00	-19.21	6.78	3	Vertical	185	1.50	-							
PK	4.9302G	50.01	74.00	-23.99	6.78	3	Vertical	185	1.50	-							

802.11g_Nss1,(6Mbps)_2TX

22/10/2018

2462MHz_TX

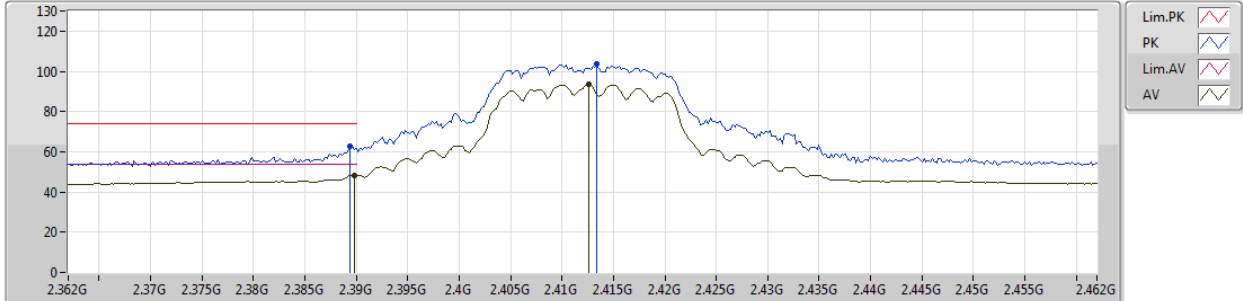


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92152G	32.67	54.00	-21.33	6.76	3	Horizontal	156	2.11	-
PK	4.91616G	46.31	74.00	-27.69	6.75	3	Horizontal	156	2.11	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2412MHz_TX

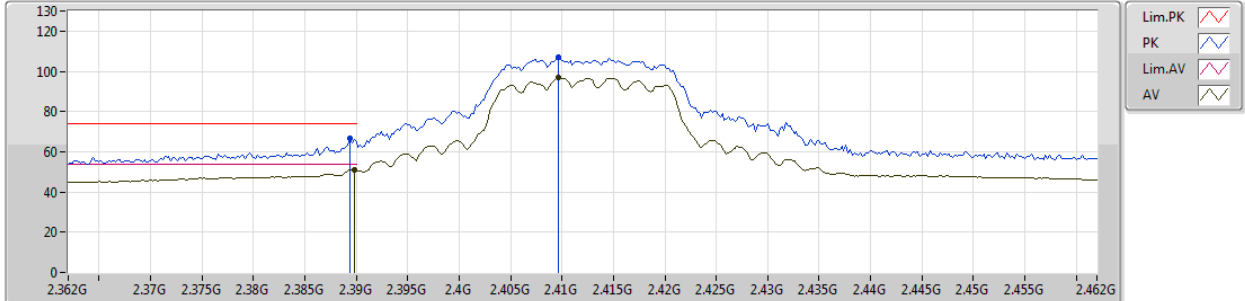


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.41	54.00	-5.59	30.69	3	Vertical	10	2.50	-
AV	2.4126G	93.57	Inf	-Inf	30.76	3	Vertical	10	2.50	-
PK	2.3894G	62.68	74.00	-11.32	30.68	3	Vertical	10	2.50	-
PK	2.4134G	103.47	Inf	-Inf	30.76	3	Vertical	10	2.50	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2412MHz_TX

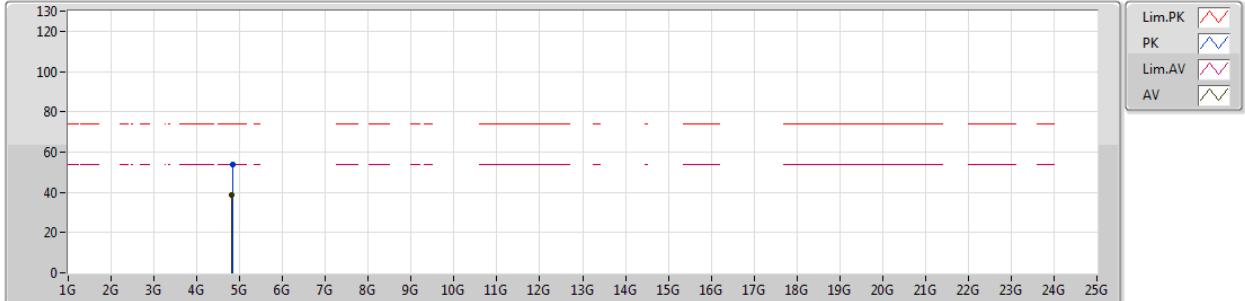


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.3898G	51.17	54.00	-2.83	30.69	3	Horizontal	40	1.50	-								
AV	2.4096G	96.69	Inf	-Inf	30.75	3	Horizontal	40	1.50	-								
PK	2.3894G	66.67	74.00	-7.33	30.68	3	Horizontal	40	1.50	-								
PK	2.4096G	106.76	Inf	-Inf	30.75	3	Horizontal	40	1.50	-								

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2412MHz_TX

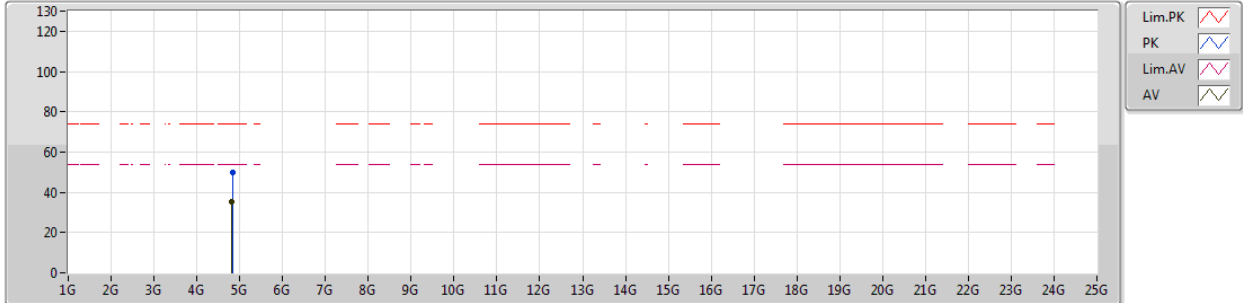


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.82252G	38.59	54.00	-15.41	6.53	3	Vertical	168	1.26	-							
PK	4.8248G	53.59	74.00	-20.41	6.53	3	Vertical	168	1.26	-							

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2412MHz_TX

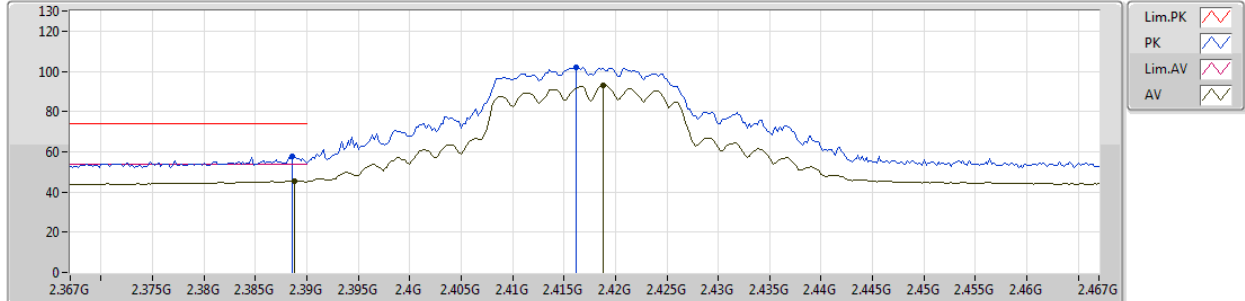


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8226G	35.14	54.00	-18.86	6.53	3	Horizontal	159	2.29	-
PK	4.82536G	49.81	74.00	-24.19	6.54	3	Horizontal	159	2.29	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2417MHz_TX

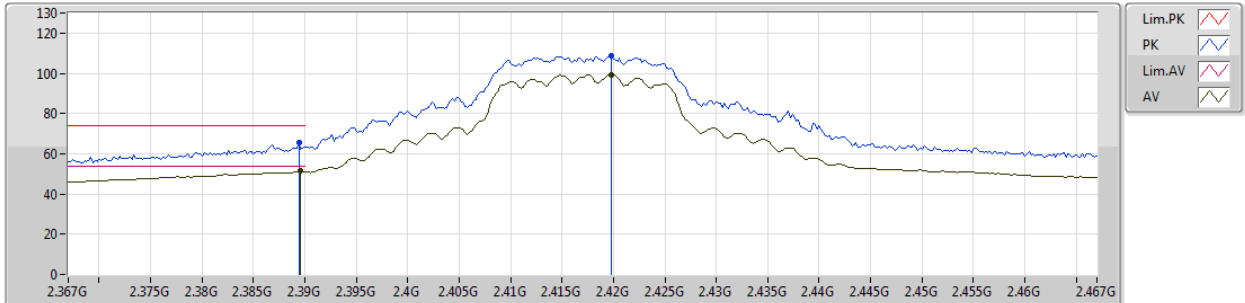


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	2.3888G	45.61	54.00	-8.39	30.68	3	Vertical	164	2.03	-							
AV	2.4188G	93.00	Inf	-Inf	30.78	3	Vertical	164	2.03	-							
PK	2.3886G	57.89	74.00	-16.11	30.68	3	Vertical	164	2.03	-							
PK	2.4162G	101.94	Inf	-Inf	30.77	3	Vertical	164	2.03	-							

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2417MHz_TX

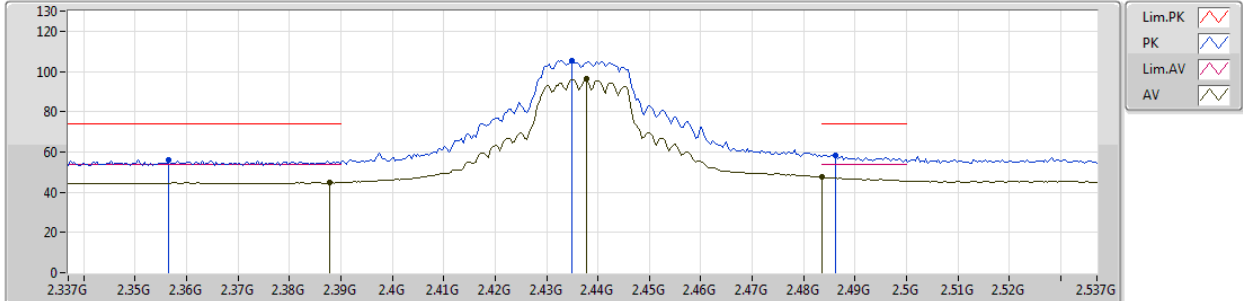


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	51.30	54.00	-2.70	30.69	3	Horizontal	39	1.50	-
AV	2.4198G	99.14	Inf	-Inf	30.78	3	Horizontal	39	1.50	-
PK	2.3894G	65.67	74.00	-8.33	30.68	3	Horizontal	39	1.50	-
PK	2.4198G	108.84	Inf	-Inf	30.78	3	Horizontal	39	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2437MHz_TX

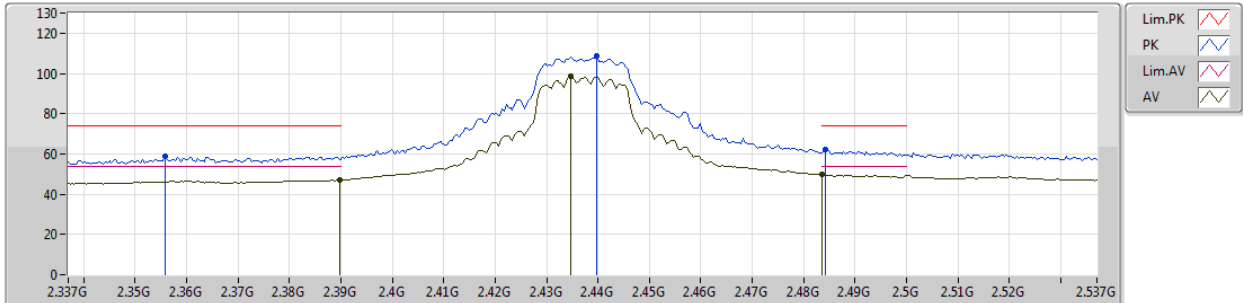


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3878G	44.74	54.00	-9.26	30.68	3	Vertical	0	3.01	-
AV	2.4378G	96.15	Inf	-Inf	30.83	3	Vertical	0	3.01	-
AV	2.4835G	47.58	54.00	-6.42	30.97	3	Vertical	0	3.01	-
PK	2.3566G	55.86	74.00	-18.14	30.59	3	Vertical	0	3.01	-
PK	2.435G	105.51	Inf	-Inf	30.82	3	Vertical	0	3.01	-
PK	2.4862G	58.53	74.00	-15.47	30.98	3	Vertical	0	3.01	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2437MHz_TX

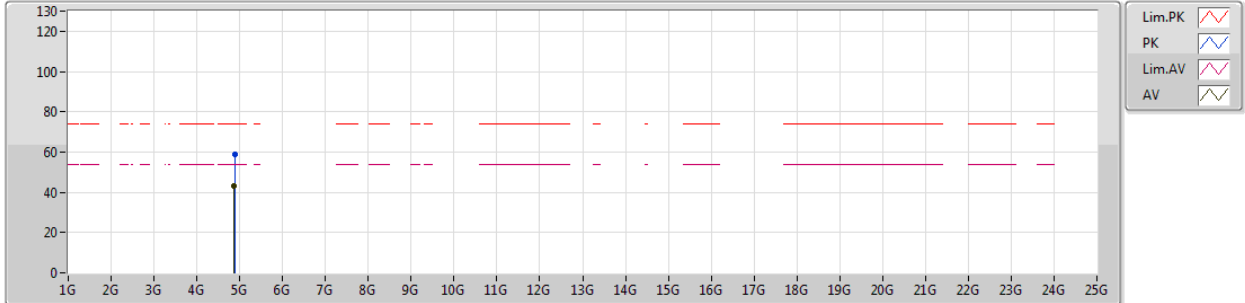


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.15	54.00	-6.85	30.69	3	Horizontal	36	1.03	-
AV	2.4346G	98.61	Inf	-Inf	30.82	3	Horizontal	36	1.03	-
AV	2.4835G	49.77	54.00	-4.23	30.97	3	Horizontal	36	1.03	-
PK	2.3558G	58.84	74.00	-15.16	30.58	3	Horizontal	36	1.03	-
PK	2.4398G	108.62	Inf	-Inf	30.84	3	Horizontal	36	1.03	-
PK	2.4842G	62.00	74.00	-12.00	30.97	3	Horizontal	36	1.03	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2437MHz_TX

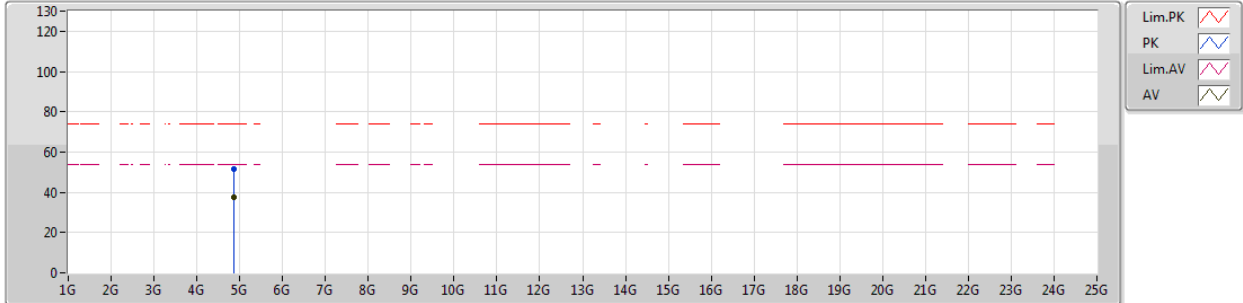


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87508G	42.93	54.00	-11.07	6.66	3	Vertical	171	1.99	-
PK	4.87742G	58.57	74.00	-15.43	6.67	3	Vertical	171	1.99	-

802.11n HT20_Nss1,(MCS0)_2TX

22/10/2018

2437MHz_TX

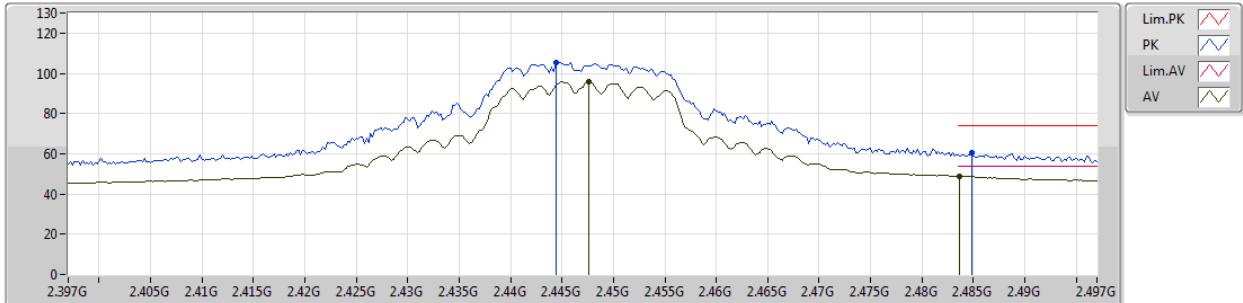


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8758G	37.62	54.00	-16.38	6.66	3	Horizontal	165	2.09	-
PK	4.87052G	51.67	74.00	-22.33	6.65	3	Horizontal	165	2.09	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2447MHz_TX

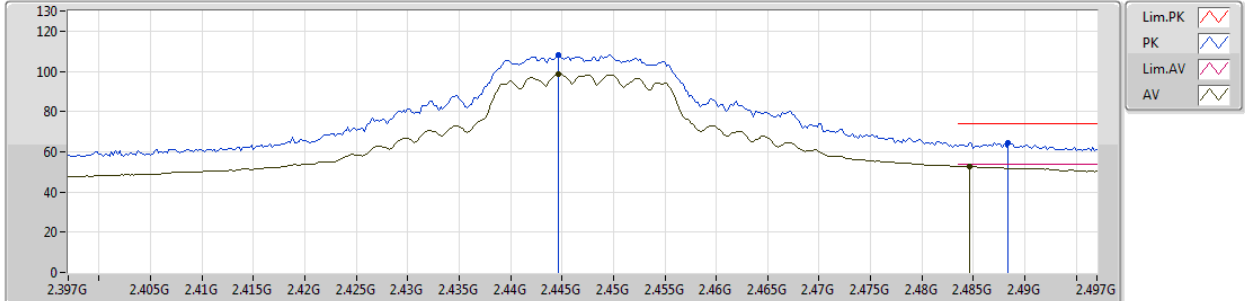


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4476G	96.08	Inf	-Inf	30.86	3	Vertical	8	2.74	-
AV	2.4836G	48.72	54.00	-5.28	30.97	3	Vertical	8	2.74	-
PK	2.4444G	105.11	Inf	-Inf	30.85	3	Vertical	8	2.74	-
PK	2.4848G	60.75	74.00	-13.25	30.97	3	Vertical	8	2.74	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2447MHz_TX

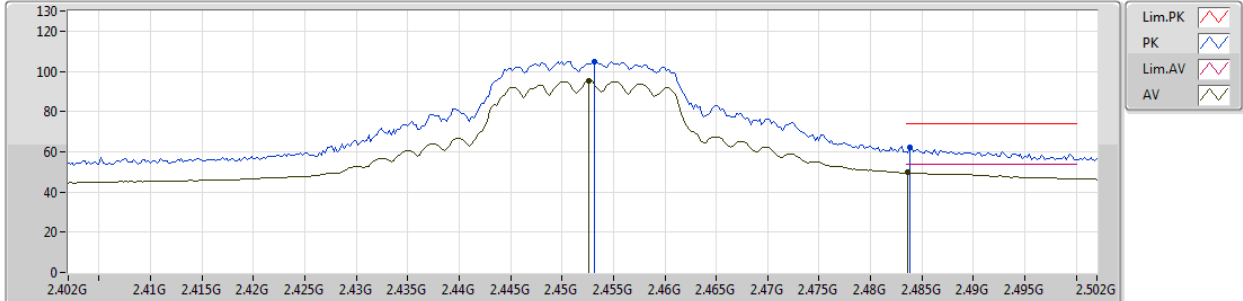


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4446G	98.67	Inf	-Inf	30.85	3	Horizontal	43	1.02	-
AV	2.4846G	52.70	54.00	-1.30	30.97	3	Horizontal	43	1.02	-
PK	2.4446G	108.38	Inf	-Inf	30.85	3	Horizontal	43	1.02	-
PK	2.4884G	64.49	74.00	-9.51	30.98	3	Horizontal	43	1.02	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2452MHz_TX

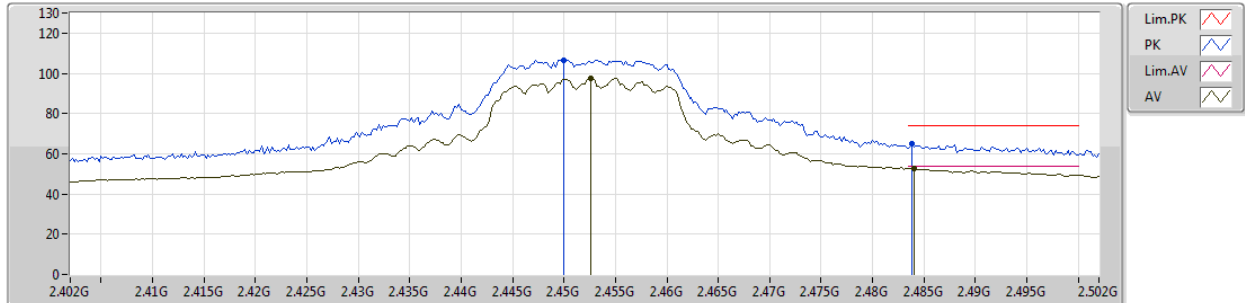


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4526G	95.48	Inf	-Inf	30.88	3	Vertical	11	2.64	-
AV	2.4836G	49.63	54.00	-4.37	30.97	3	Vertical	11	2.64	-
PK	2.4532G	105.06	Inf	-Inf	30.88	3	Vertical	11	2.64	-
PK	2.4838G	62.46	74.00	-11.54	30.97	3	Vertical	11	2.64	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2452MHz_TX

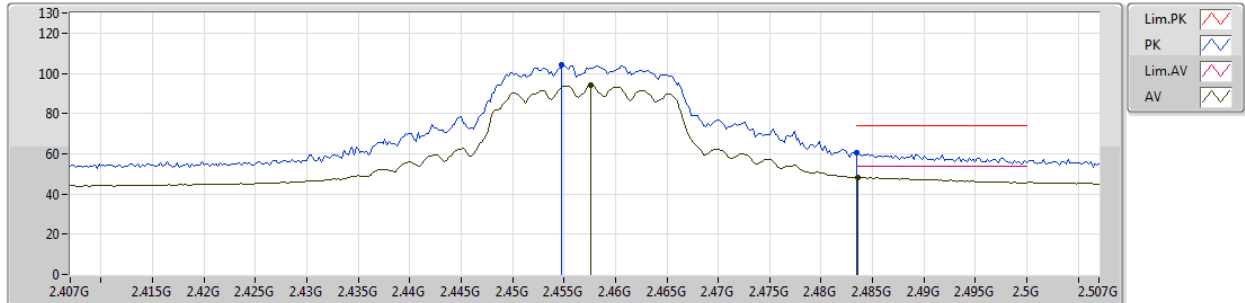


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4526G	97.52	Inf	-Inf	30.88	3	Horizontal	43	2.17	-
AV	2.484G	52.60	54.00	-1.40	30.97	3	Horizontal	43	2.17	-
PK	2.45G	106.66	Inf	-Inf	30.87	3	Horizontal	43	2.17	-
PK	2.4838G	65.09	74.00	-8.91	30.97	3	Horizontal	43	2.17	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2457MHz_TX

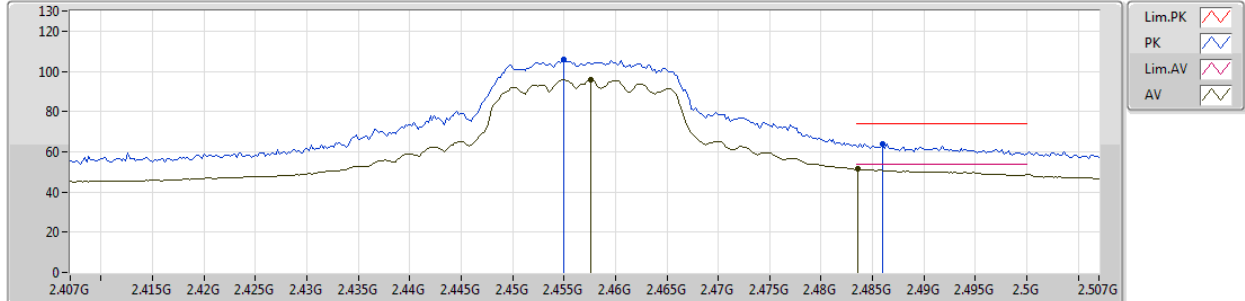


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	2.4576G	94.19	Inf	-Inf	30.89	3	Vertical	15	2.65	-								
AV	2.4836G	48.31	54.00	-5.69	30.97	3	Vertical	15	2.65	-								
PK	2.4548G	104.16	Inf	-Inf	30.88	3	Vertical	15	2.65	-								
PK	2.4835G	60.25	74.00	-13.75	30.97	3	Vertical	15	2.65	-								

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2457MHz_TX

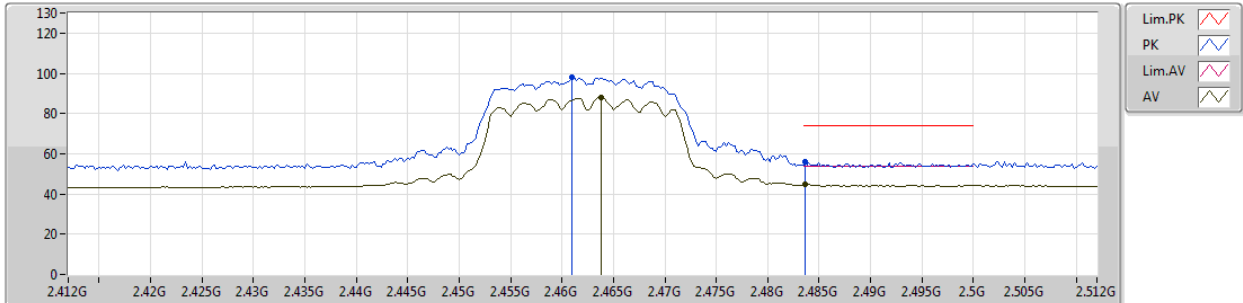


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4576G	96.06	Inf	-Inf	30.89	3	Horizontal	40	2.15	-
AV	2.4836G	51.50	54.00	-2.50	30.97	3	Horizontal	40	2.15	-
PK	2.455G	105.85	Inf	-Inf	30.88	3	Horizontal	40	2.15	-
PK	2.486G	63.93	74.00	-10.07	30.98	3	Horizontal	40	2.15	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2462MHz_TX

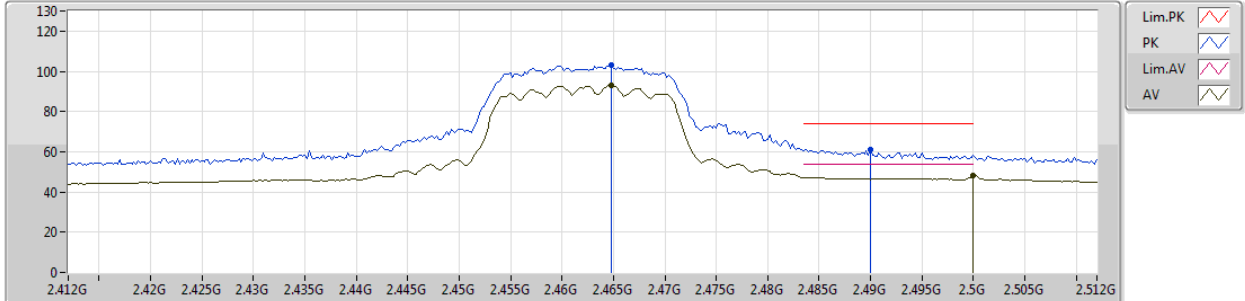


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4638G	88.22	Inf	-Inf	30.91	3	Vertical	164	1.90	-
AV	2.4836G	44.59	54.00	-9.41	30.97	3	Vertical	164	1.90	-
PK	2.461G	97.99	Inf	-Inf	30.90	3	Vertical	164	1.90	-
PK	2.4836G	56.02	74.00	-17.98	30.97	3	Vertical	164	1.90	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2462MHz_TX

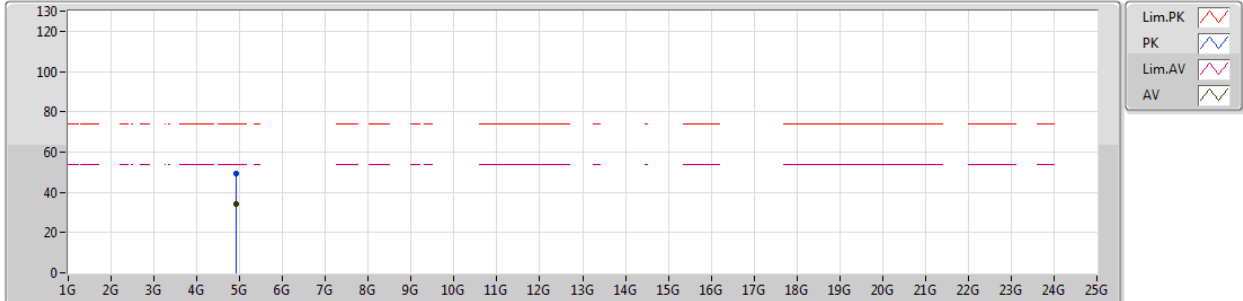


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4648G	93.01	Inf	-Inf	30.92	3	Horizontal	38	1.46	-
AV	2.5G	48.10	54.00	-5.90	31.02	3	Horizontal	38	1.46	-
PK	2.4648G	103.21	Inf	-Inf	30.92	3	Horizontal	38	1.46	-
PK	2.49G	61.31	74.00	-12.69	30.99	3	Horizontal	38	1.46	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2462MHz_TX

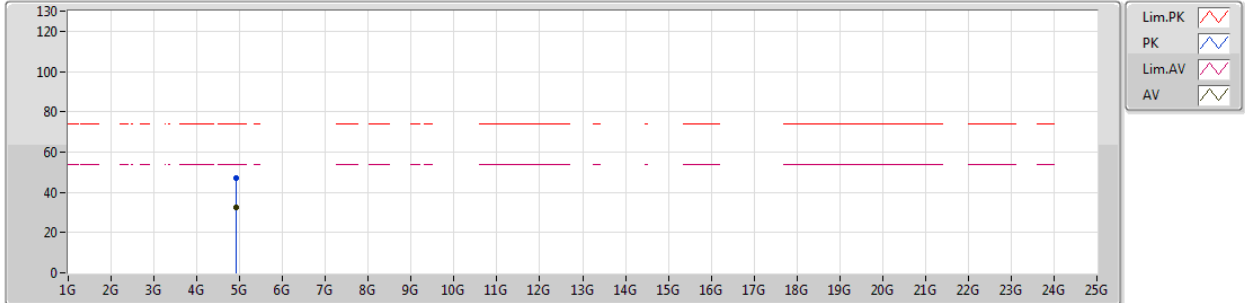


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92742G	34.12	54.00	-19.88	6.78	3	Vertical	188	1.50	-
PK	4.9243G	49.51	74.00	-24.49	6.77	3	Vertical	188	1.50	-

802.11n HT20_Nss1,(MCS0)_2TX

23/10/2018

2462MHz_TX

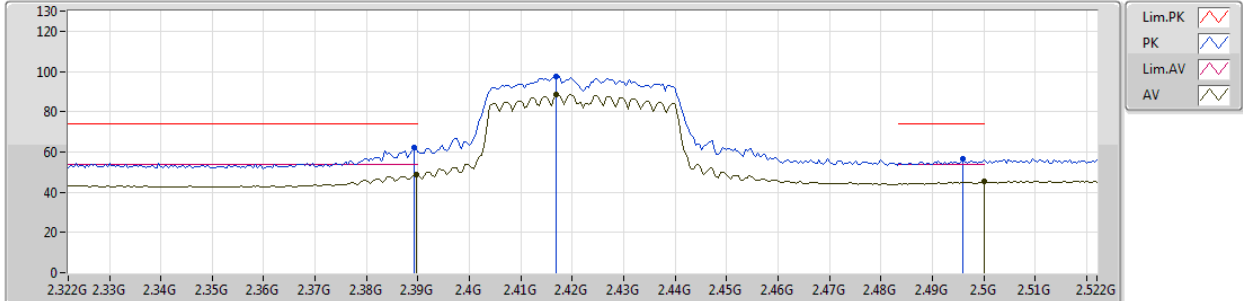


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.92034G	32.57	54.00	-21.43	6.76	3	Horizontal	158	2.07	-								
PK	4.9246G	46.79	74.00	-27.21	6.77	3	Horizontal	158	2.07	-								

802.11n HT40_Nss1,(MCS0)_2TX

18/10/2018

2422MHz_TX

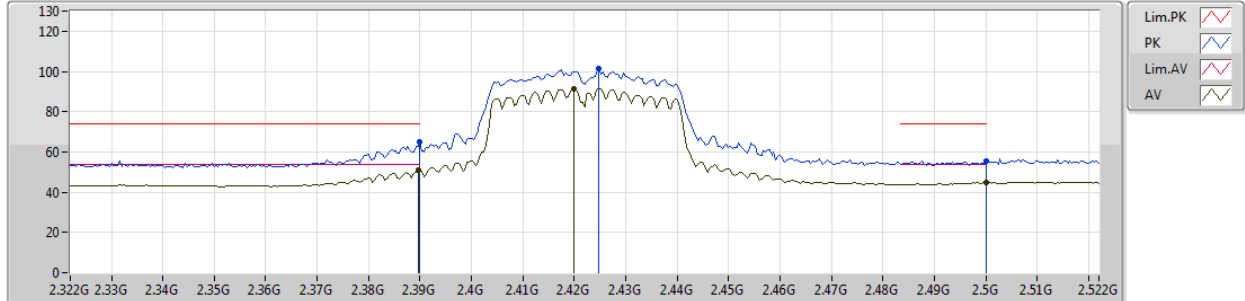


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	48.83	54.00	-5.17	30.69	3	Vertical	20	2.92	-
AV	2.4168G	88.47	Inf	-Inf	30.77	3	Vertical	20	2.92	-
AV	2.5G	45.15	54.00	-8.85	31.02	3	Vertical	20	2.92	-
PK	2.3892G	61.96	74.00	-12.04	30.68	3	Vertical	20	2.92	-
PK	2.4168G	97.58	Inf	-Inf	30.77	3	Vertical	20	2.92	-
PK	2.496G	56.51	74.00	-17.49	31.00	3	Vertical	20	2.92	-

802.11n HT40_Nss1,(MCS0)_2TX

18/10/2018

2422MHz_TX

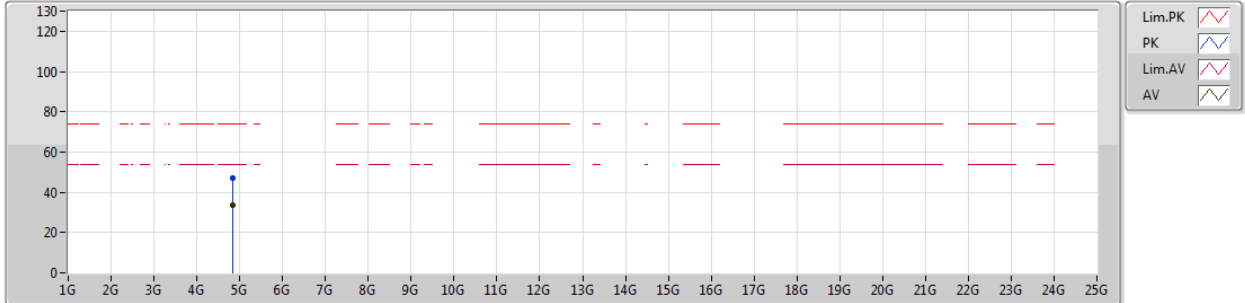


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	50.84	54.00	-3.16	30.69	3	Horizontal	37	1.83	-
AV	2.42G	91.56	Inf	-Inf	30.78	3	Horizontal	37	1.83	-
AV	2.5G	44.85	54.00	-9.15	31.02	3	Horizontal	37	1.83	-
PK	2.39G	64.86	74.00	-9.14	30.69	3	Horizontal	37	1.83	-
PK	2.4248G	101.17	Inf	-Inf	30.79	3	Horizontal	37	1.83	-
PK	2.5G	55.62	74.00	-18.38	31.02	3	Horizontal	37	1.83	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2422MHz_TX

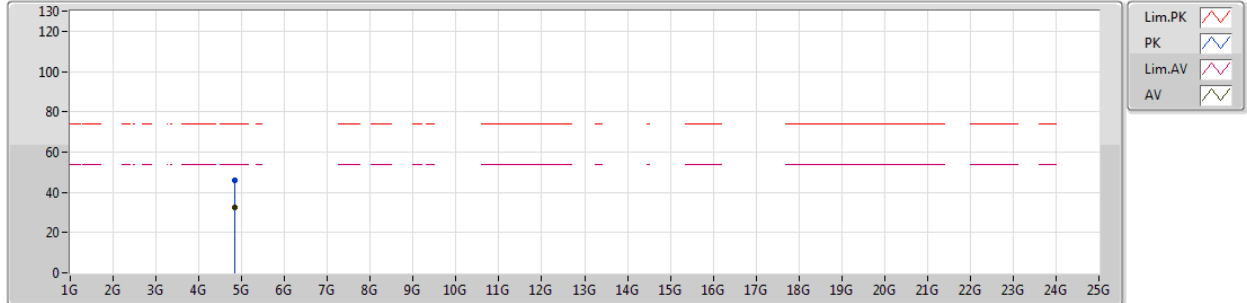


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)									
AV	4.84472G	33.85	54.00	-20.15	6.58	3	Vertical	197	1.01	-								
PK	4.84472G	47.27	74.00	-26.73	6.58	3	Vertical	197	1.01	-								

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2422MHz_TX

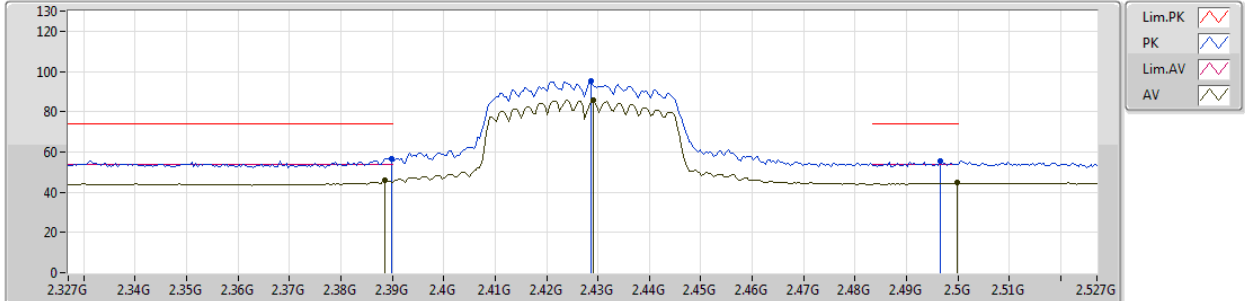


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84514G	32.50	54.00	-21.50	6.58	3	Horizontal	240	1.06	-
PK	4.85036G	46.04	74.00	-27.96	6.60	3	Horizontal	240	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2427MHz_TX

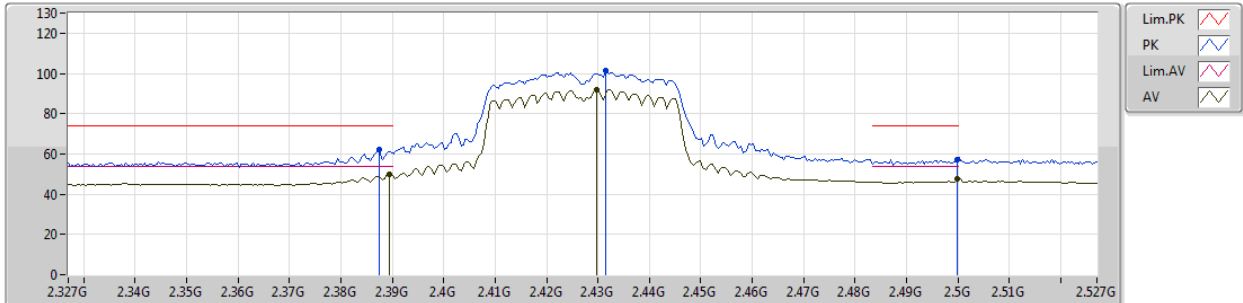


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3886G	45.70	54.00	-8.30	30.68	3	Vertical	164	2.04	-
AV	2.429G	85.57	Inf	-Inf	30.81	3	Vertical	164	2.04	-
AV	2.4998G	44.75	54.00	-9.25	31.01	3	Vertical	164	2.04	-
PK	2.3898G	56.83	74.00	-17.17	30.69	3	Vertical	164	2.04	-
PK	2.4286G	95.08	Inf	-Inf	30.81	3	Vertical	164	2.04	-
PK	2.4966G	55.27	74.00	-18.73	31.00	3	Vertical	164	2.04	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2427MHz_TX

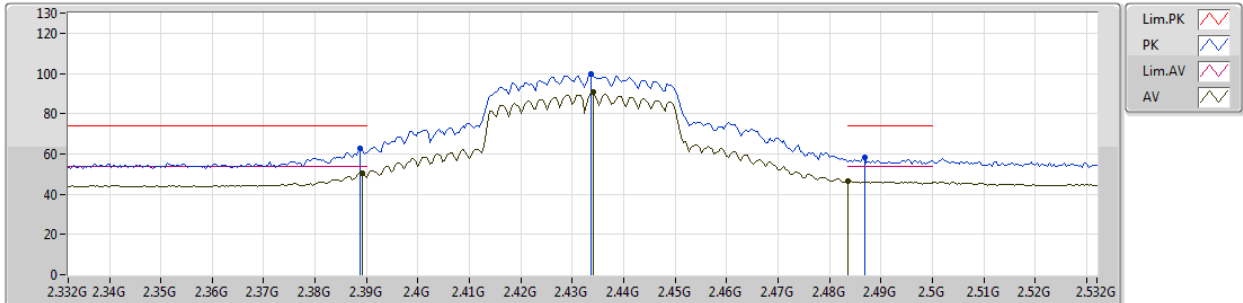


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	50.02	54.00	-3.98	30.68	3	Horizontal	39	1.08	-
AV	2.4298G	91.84	Inf	-Inf	30.81	3	Horizontal	39	1.08	-
AV	2.4998G	47.89	54.00	-6.11	31.01	3	Horizontal	39	1.08	-
PK	2.3874G	61.98	74.00	-12.02	30.68	3	Horizontal	39	1.08	-
PK	2.4314G	101.52	Inf	-Inf	30.82	3	Horizontal	39	1.08	-
PK	2.4998G	56.95	74.00	-17.05	31.01	3	Horizontal	39	1.08	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2432MHz_TX

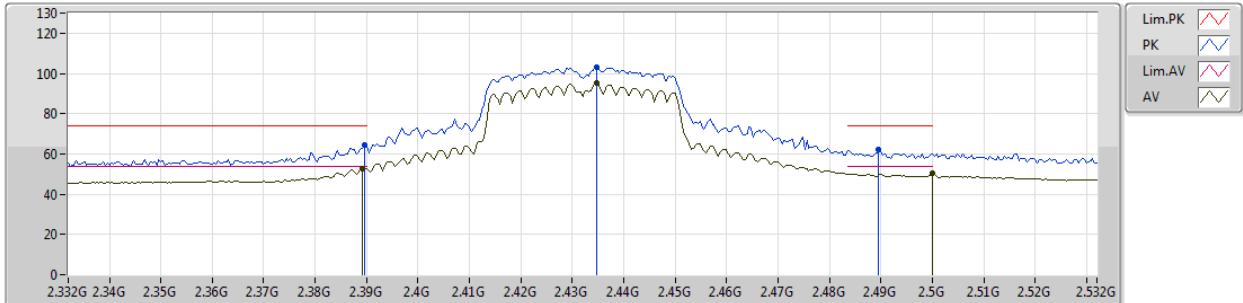


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	50.36	54.00	-3.64	30.68	3	Vertical	166	1.96	-
AV	2.434G	90.51	Inf	-Inf	30.82	3	Vertical	166	1.96	-
AV	2.4835G	46.49	54.00	-7.51	30.97	3	Vertical	166	1.96	-
PK	2.3888G	62.80	74.00	-11.20	30.68	3	Vertical	166	1.96	-
PK	2.4336G	99.92	Inf	-Inf	30.82	3	Vertical	166	1.96	-
PK	2.4868G	58.16	74.00	-15.84	30.98	3	Vertical	166	1.96	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2432MHz_TX

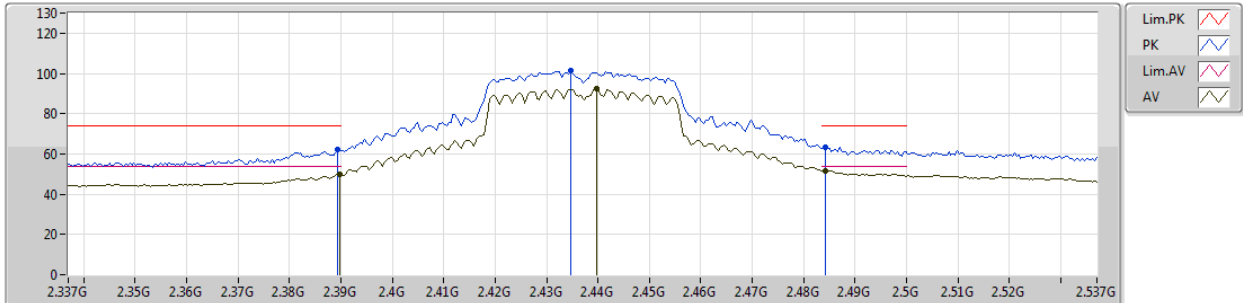


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	52.82	54.00	-1.18	30.68	3	Horizontal	43	1.06	-
AV	2.4348G	95.13	Inf	-Inf	30.82	3	Horizontal	43	1.06	-
AV	2.5G	50.37	54.00	-3.63	31.02	3	Horizontal	43	1.06	-
PK	2.3896G	64.65	74.00	-9.35	30.69	3	Horizontal	43	1.06	-
PK	2.4348G	102.91	Inf	-Inf	30.82	3	Horizontal	43	1.06	-
PK	2.4896G	62.02	74.00	-11.98	30.99	3	Horizontal	43	1.06	-

802.11n HT40_Nss1,(MCS0)_2TX

18/10/2018

2437MHz_TX

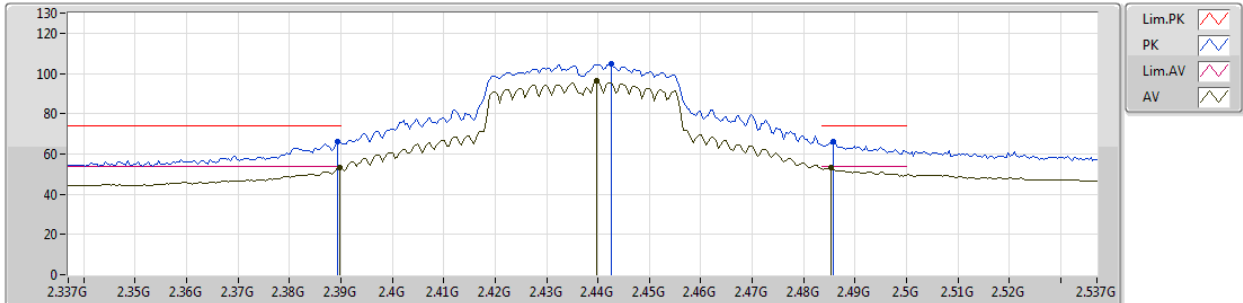


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	49.93	54.00	-4.07	30.69	3	Vertical	12	2.89	-
AV	2.4398G	92.51	Inf	-Inf	30.84	3	Vertical	12	2.89	-
AV	2.4842G	51.68	54.00	-2.32	30.97	3	Vertical	12	2.89	-
PK	2.3894G	62.10	74.00	-11.90	30.68	3	Vertical	12	2.89	-
PK	2.4346G	101.17	Inf	-Inf	30.82	3	Vertical	12	2.89	-
PK	2.4842G	63.44	74.00	-10.56	30.97	3	Vertical	12	2.89	-

802.11n HT40_Nss1,(MCS0)_2TX

18/10/2018

2437MHz_TX

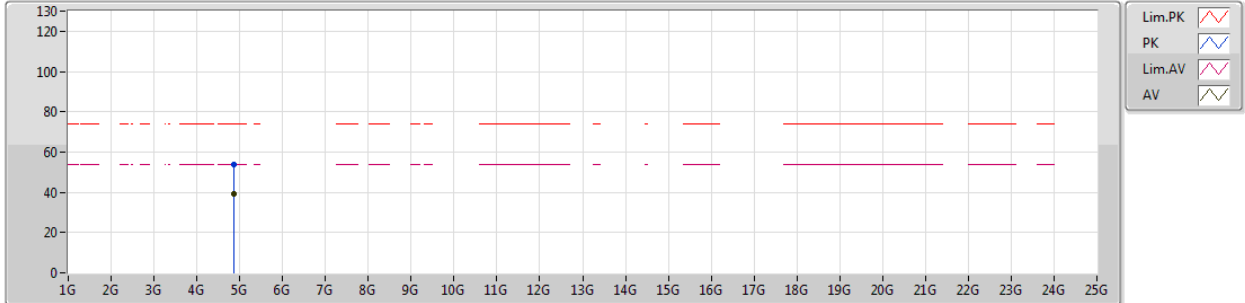


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	53.32	54.00	-0.68	30.69	3	Horizontal	43	2.08	-
AV	2.4398G	96.12	Inf	-Inf	30.84	3	Horizontal	43	2.08	-
AV	2.4854G	53.24	54.00	-0.76	30.97	3	Horizontal	43	2.08	-
PK	2.3894G	65.92	74.00	-8.08	30.68	3	Horizontal	43	2.08	-
PK	2.4426G	104.55	Inf	-Inf	30.84	3	Horizontal	43	2.08	-
PK	2.4858G	65.89	74.00	-8.11	30.98	3	Horizontal	43	2.08	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2437MHz_TX

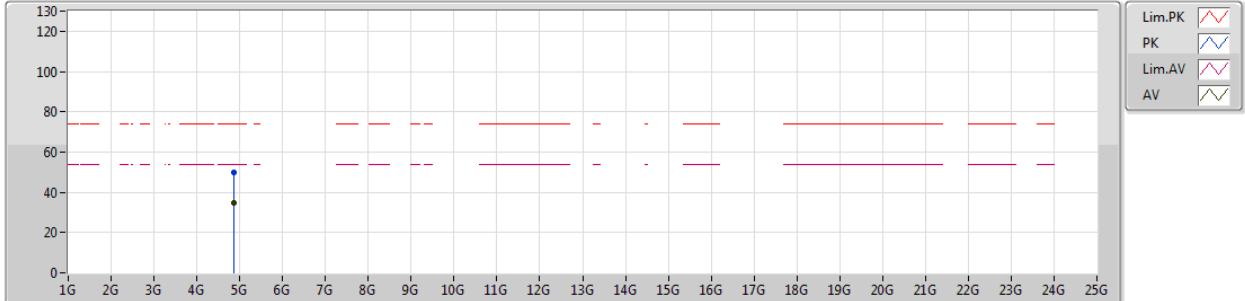


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8746G	39.21	54.00	-14.79	6.65	3	Vertical	196	1.01	-
PK	4.87526G	53.96	74.00	-20.04	6.66	3	Vertical	196	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2437MHz_TX

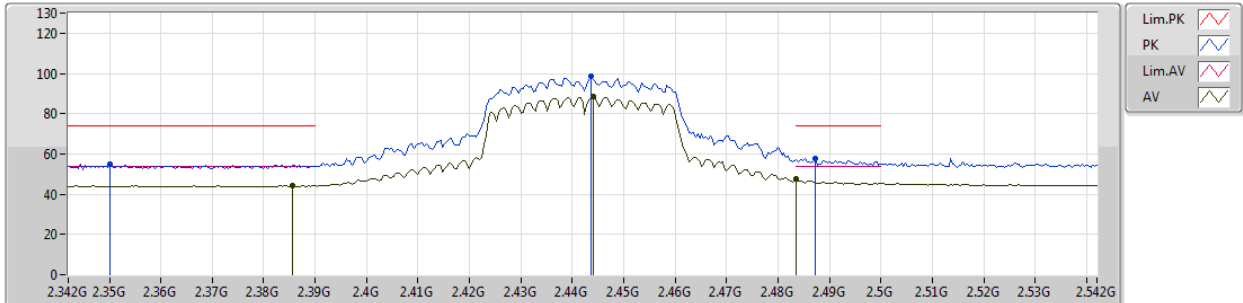


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.8755G	34.89	54.00	-19.11	6.66	3	Horizontal	164	2.05	-								
PK	4.87484G	49.69	74.00	-24.31	6.65	3	Horizontal	164	2.05	-								

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2442MHz_TX

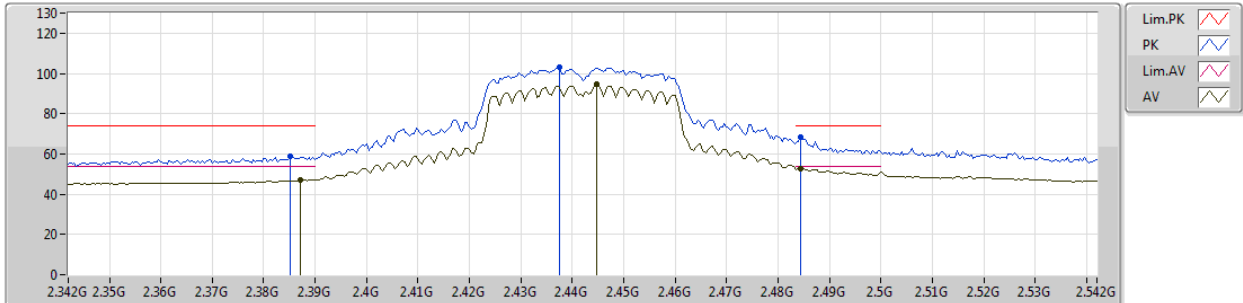


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3856G	44.27	54.00	-9.73	30.68	3	Vertical	166	1.97	-
AV	2.444G	88.60	Inf	-Inf	30.85	3	Vertical	166	1.97	-
AV	2.4835G	47.43	54.00	-6.57	30.97	3	Vertical	166	1.97	-
PK	2.35G	55.01	74.00	-18.99	30.56	3	Vertical	166	1.97	-
PK	2.4436G	98.55	Inf	-Inf	30.84	3	Vertical	166	1.97	-
PK	2.4872G	57.69	74.00	-16.31	30.98	3	Vertical	166	1.97	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2442MHz_TX

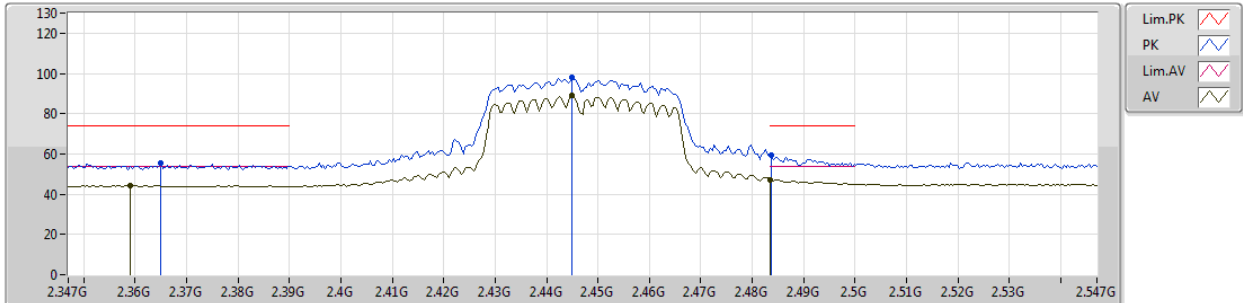


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3872G	47.24	54.00	-6.76	30.68	3	Horizontal	52	1.01	-
AV	2.4448G	94.64	Inf	-Inf	30.85	3	Horizontal	52	1.01	-
AV	2.4844G	52.82	54.00	-1.18	30.97	3	Horizontal	52	1.01	-
PK	2.3852G	58.63	74.00	-15.37	30.67	3	Horizontal	52	1.01	-
PK	2.4376G	102.99	Inf	-Inf	30.83	3	Horizontal	52	1.01	-
PK	2.4844G	68.26	74.00	-5.74	30.97	3	Horizontal	52	1.01	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2447MHz_TX

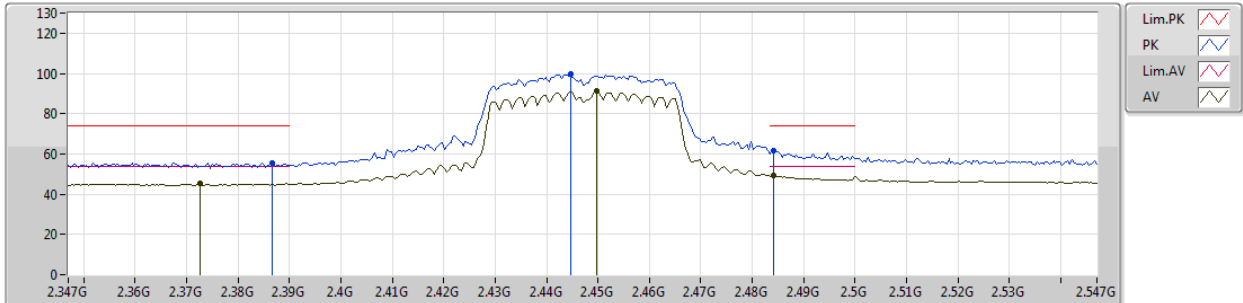


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.359G	44.45	54.00	-9.55	30.59	3	Vertical	9	3.02	-
AV	2.445G	89.14	Inf	-Inf	30.85	3	Vertical	9	3.02	-
AV	2.4835G	47.16	54.00	-6.84	30.97	3	Vertical	9	3.02	-
PK	2.365G	55.28	74.00	-18.72	30.62	3	Vertical	9	3.02	-
PK	2.445G	97.83	Inf	-Inf	30.85	3	Vertical	9	3.02	-
PK	2.4838G	59.16	74.00	-14.84	30.97	3	Vertical	9	3.02	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2447MHz_TX

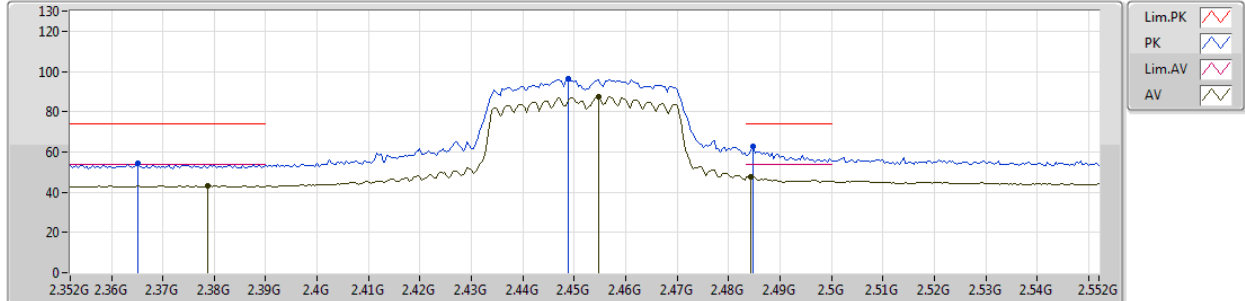


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3726G	45.23	54.00	-8.77	30.63	3	Horizontal	32	1.21	-
AV	2.4498G	91.13	Inf	-Inf	30.87	3	Horizontal	32	1.21	-
AV	2.4842G	49.08	54.00	-4.92	30.97	3	Horizontal	32	1.21	-
PK	2.3866G	55.53	74.00	-18.47	30.68	3	Horizontal	32	1.21	-
PK	2.4446G	99.58	Inf	-Inf	30.85	3	Horizontal	32	1.21	-
PK	2.4842G	61.39	74.00	-12.61	30.97	3	Horizontal	32	1.21	-

802.11n HT40_Nss1,(MCS0)_2TX

18/10/2018

2452MHz_TX

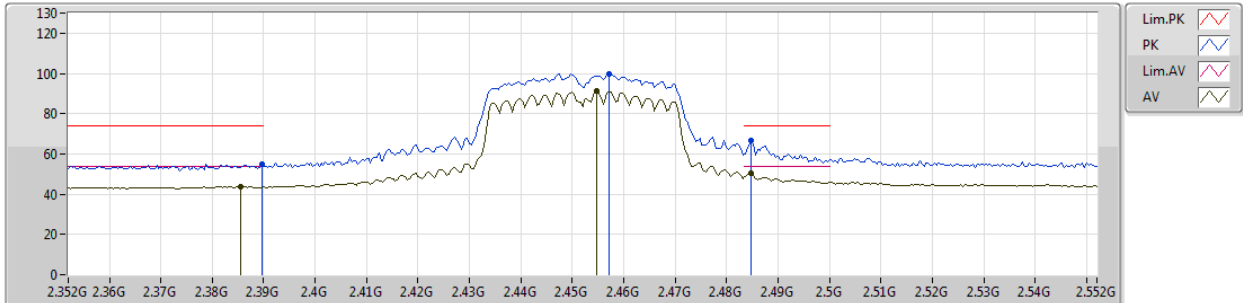


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3788G	43.12	54.00	-10.88	30.66	3	Vertical	21	2.83	-
AV	2.4548G	87.25	Inf	-Inf	30.88	3	Vertical	21	2.83	-
AV	2.4844G	47.87	54.00	-6.13	30.97	3	Vertical	21	2.83	-
PK	2.3652G	54.39	74.00	-19.61	30.62	3	Vertical	21	2.83	-
PK	2.4488G	96.39	Inf	-Inf	30.87	3	Vertical	21	2.83	-
PK	2.4848G	62.51	74.00	-11.49	30.97	3	Vertical	21	2.83	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

18/10/2018

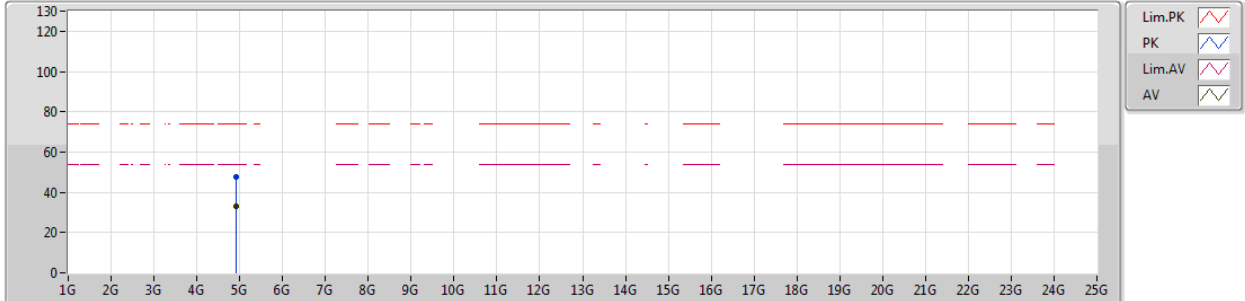


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3856G	43.63	54.00	-10.37	30.68	3	Horizontal	45	2.52	-
AV	2.4548G	91.21	Inf	-Inf	30.88	3	Horizontal	45	2.52	-
AV	2.4848G	50.29	54.00	-3.71	30.97	3	Horizontal	45	2.52	-
PK	2.3896G	54.76	74.00	-19.24	30.69	3	Horizontal	45	2.52	-
PK	2.4572G	99.98	Inf	-Inf	30.89	3	Horizontal	45	2.52	-
PK	2.4848G	66.58	74.00	-7.42	30.97	3	Horizontal	45	2.52	-

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2452MHz_TX

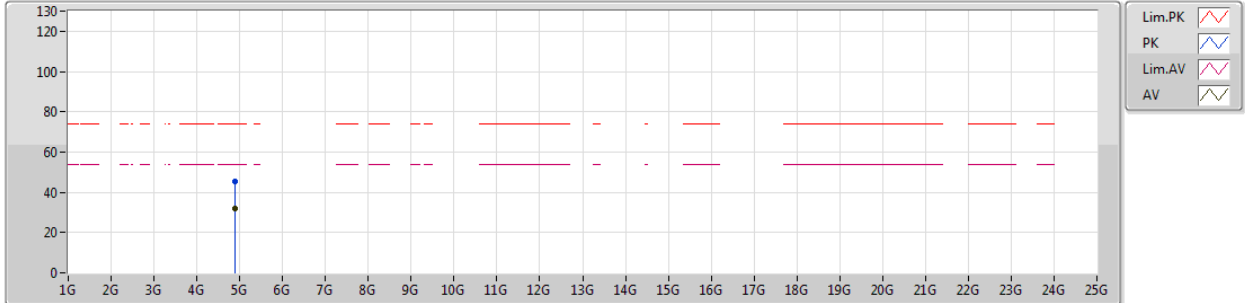


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.90538G	33.09	54.00	-20.91	6.73	3	Vertical	185	1.85	-								
PK	4.90514G	47.44	74.00	-26.56	6.73	3	Vertical	185	1.85	-								

802.11n HT40_Nss1,(MCS0)_2TX

23/10/2018

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.89578G	32.11	54.00	-21.89	6.70	3	Horizontal	160	2.07	-
PK	4.89656G	45.53	74.00	-28.47	6.71	3	Horizontal	160	2.07	-