

FCC Test Report

Equipment : 11bgn USB module,2T2R
Brand Name : CC&C
Model No. : WM-8192EU
FCC ID : PANWM8192EU
Standard : 47 CFR FCC Part 15.247
Operating Band : 2400 MHz – 2483.5 MHz
Function : ☒ Point-to-multipoint; ☐ Point-to-point
Applicant : CC&C Technologies, Inc.
8F, No.150, Jian Yi Rd, Zhonghe District,
New Taipei City, 235, Taiwan
Manufacturer : Kunshan CC&C Technologies,Co.,LTD.
No.9 Building, 3rd Main Street,
Kunshan Free Trade Zone,
Jiangsu Province,P.R. China

This report was evaluated for permissive change. The product sample received on Oct. 31, 2017 and completely tested on Jan. 05, 2018. We, SPORTON, 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Phoenix Chen / Assistant Manager



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Summary of Test Result

Conformance Test Specifications				
Report Clause	Ref. Std. Clause	Description	Limit	Result
1.1.2	15.203	Antenna Requirement	FCC 15.203	Complied
3.1	15.247(d)	Emissions in Non-restricted Frequency Bands	Non-Restricted Bands: > 30 dBc	Complied
3.2	15.247(d)	Emissions in Restricted Frequency Bands	Restricted Bands: FCC 15.209	Complied



SPORTON INTERNATIONAL INC.
TEL : 886-3-3273456
FAX : 886-3-3270973
FCC ID: PANWM8192EU

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	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)
A	1	-	ALO140-052030	PIFA	I-PEX	3
	2					3
B	1	-	ALC140-051021-A	Print	I-PEX	3
	2					3
C	1	-	ALC140-052030-A	PIFA	I-PEX	3
	2					3
D	1	-	ALC160-051020-0000	Print	I-PEX	3.33
	2		ALC160-051021-0000			3.76
E	1	-	GY196HT625-001	Print	I-PEX	1.73
	2		GY196HT625-002			1.84
F	1	-	ALO160-052030-A	PIFA	I-PEX	3.54
	2		ALO160-052030-A			3.41
G (Add)	1	Master Wave	660023500G	Dipole	I-PEX	2.38
	2					2.38
H (Add)	1	WNC	81XCBB15.G01	PIFA	I-PEX	1.28
	2					1.28
I (Add)	1	WNC	81XCBB15.G02	PIFA	I-PEX	1.18
	2					1.18

Note: 1: 802.11b/g only includes 1TX and Port 2 for emission.
Note: 2: 802.11n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From System		
Chip	RTL8192EU		
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 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR472267-01

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add a new type antenna G	Emissions in Non-restricted Frequency Bands was evaluated Emissions in Restricted Frequency Bands was evaluated
Add antenna H and I	N/A

Note : Power setting parameter is the same as original report.

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v04
- ♦ KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Tim	23.7°C / 65.3%	05/Jan/2018
Radiated	03CH09-HY	Eric	25.8°C / 55%	29/Nov/2017

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
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%

2 Test Configuration of EUT

2.1 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

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

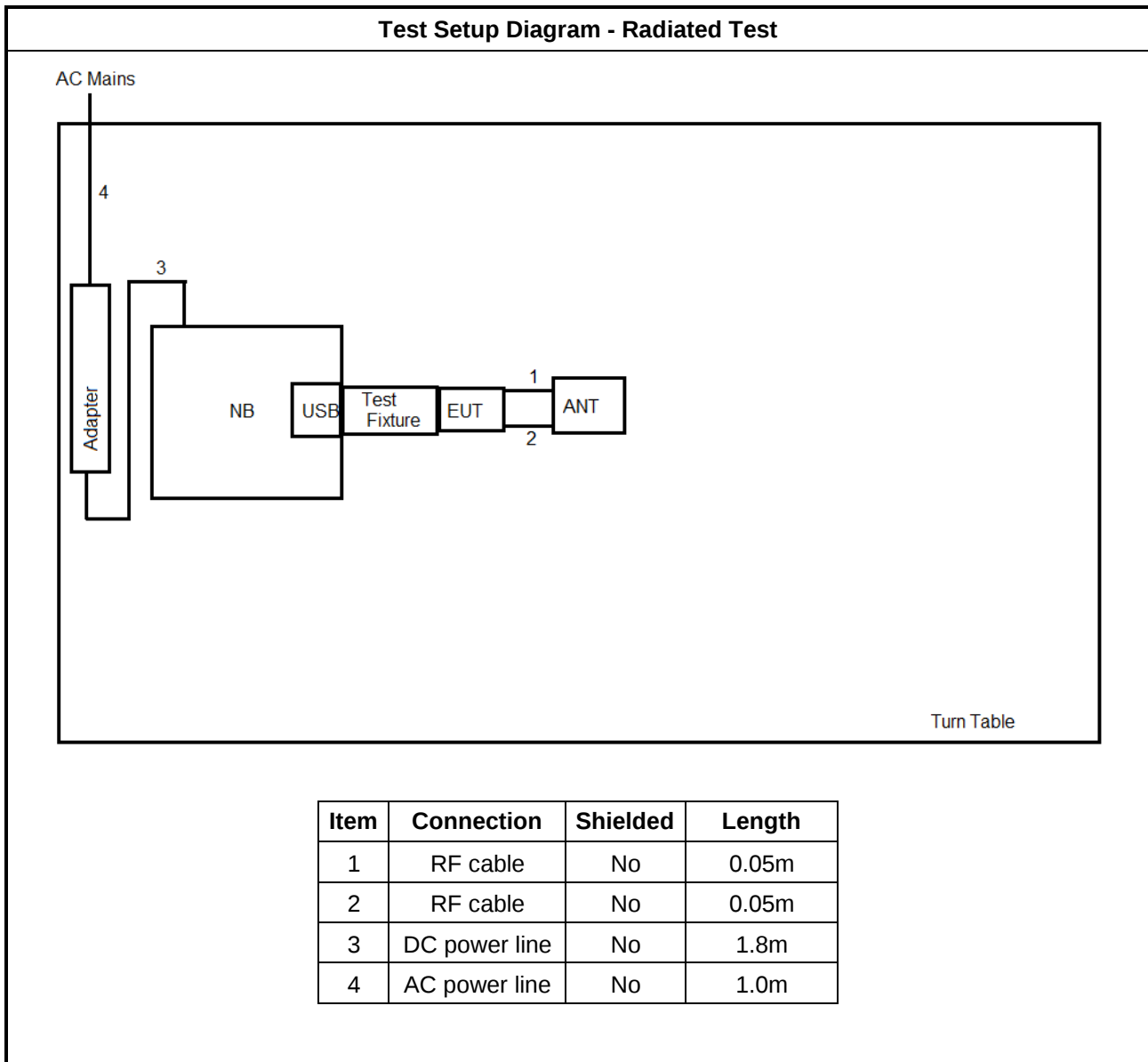
2.2 Support Equipment

Support Equipment – RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	DOC
2	AC Adapter for Notebook	DELL	HA65NM130	DOC

Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5430	DOC
2	AC Adapter for Notebook	DELL	LA65NS2-01	DOC
3	Mouse	ACER	MOANUOA	DOC
4	Fixture	-	-	-

Note: Support equipment No.4 was provided by customer.

2.3 Test Setup Diagram



3 Transmitter Test Result

3.1 Emissions in Non-restricted Frequency Bands

3.1.1 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.	

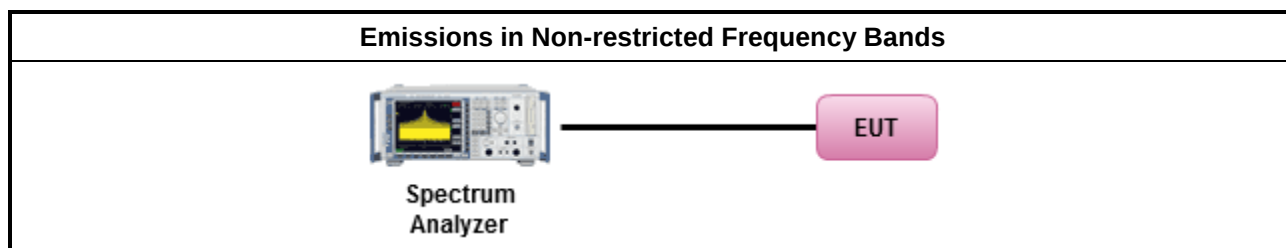
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix A

3.2 Emissions in Restricted Frequency Bands

3.2.1 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.

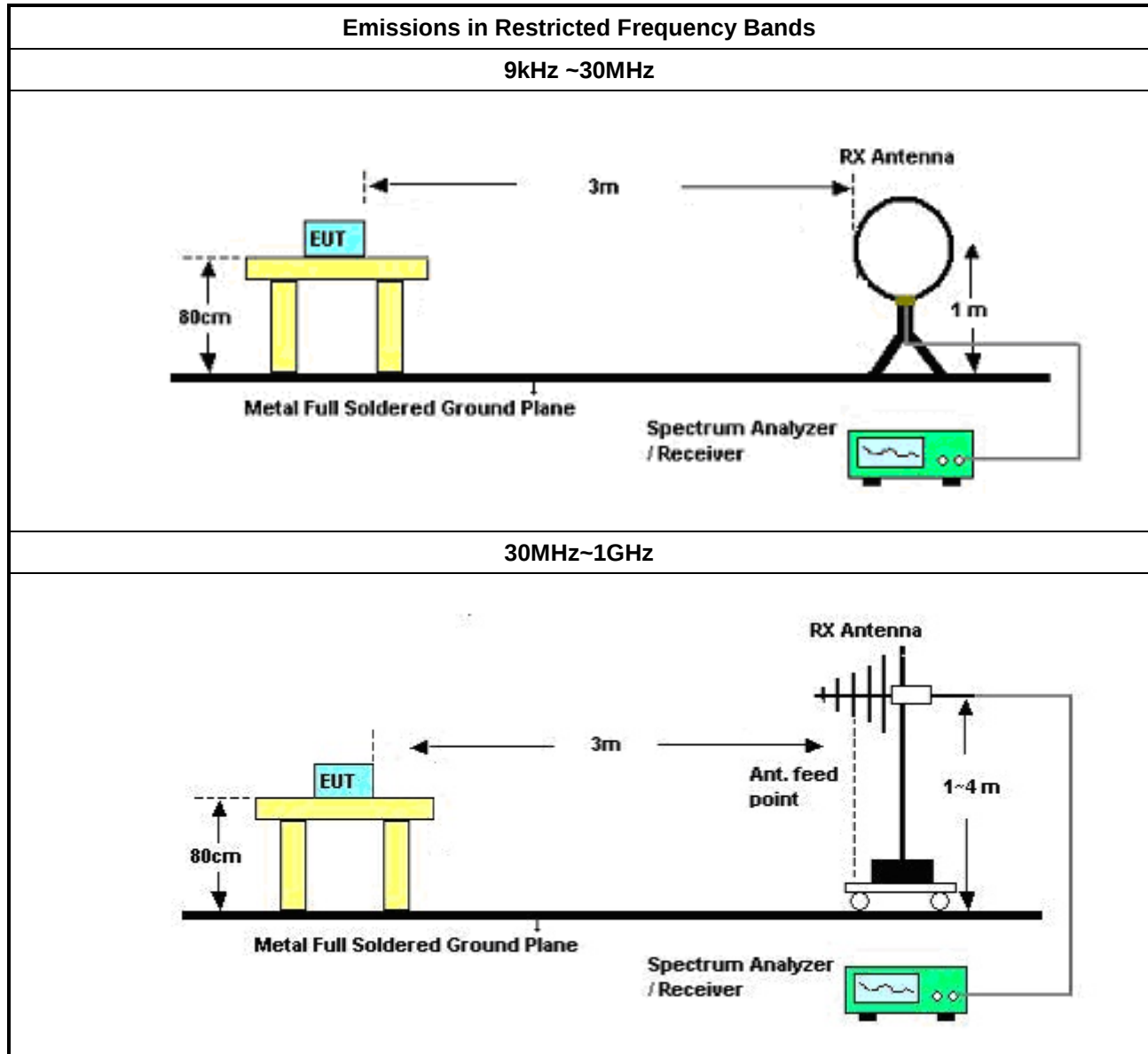
3.2.2 Measuring Instruments

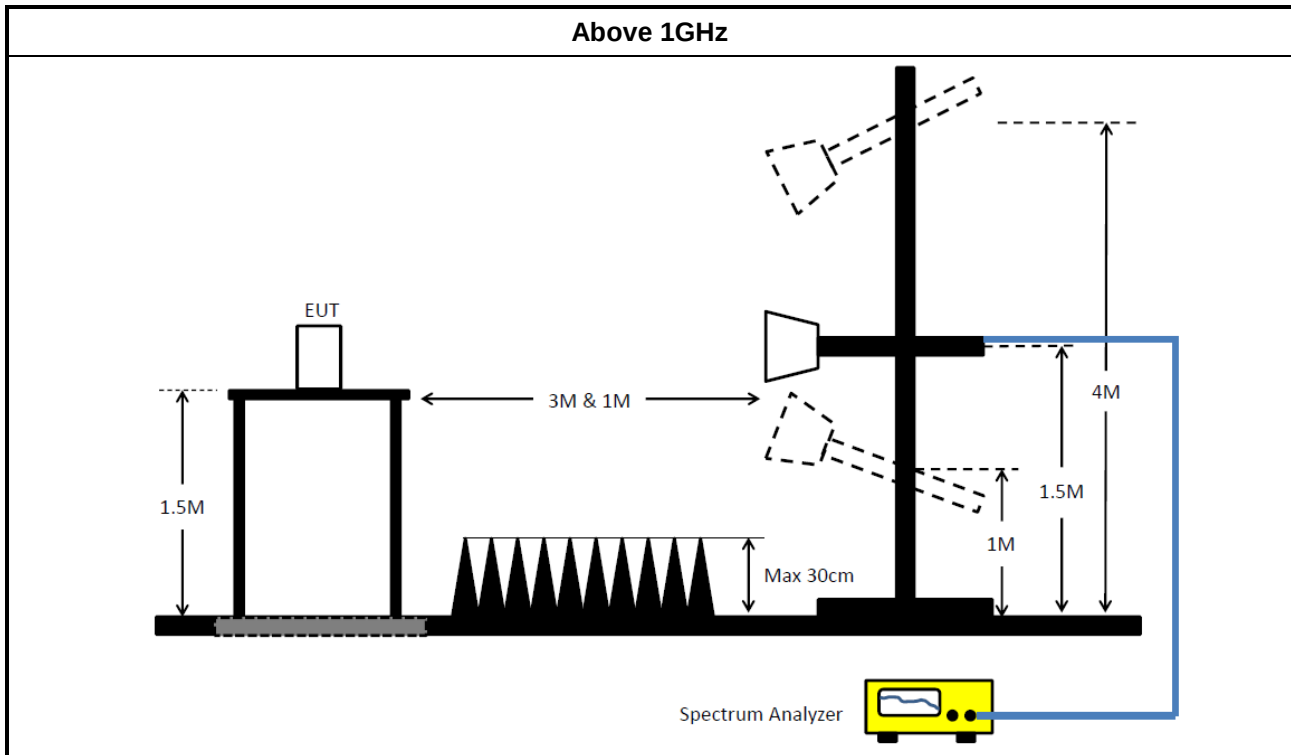
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup





3.2.5 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.

3.2.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix B

4 Test Equipment and Calibration Data

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	21/Jun/2017	20/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-3 3-8P	1840917	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2017	01/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	02/Feb/2017	01/Feb/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101515	9kHz~40GHz	08/Dec/2017	07/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.412358G	6.18	-13.82	159.315M	-60.91	2.39952G	-32.40	2.4935G	-56.06	7.235136G	-53.85	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.418537G	-2.37	-22.37	2.305245G	-59.34	2.39992G	-36.82	2.50158G	-55.13	6.973847G	-53.44	2
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.418537G	-8.54	-28.54	2.093215G	-60.66	2.39992G	-41.44	2.48702G	-56.96	6.215265G	-55.17	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.425384G	-13.64	-33.64	2.30397G	-60.72	2.39984G	-48.16	2.48446G	-57.54	6.972272G	-53.92	2

Result

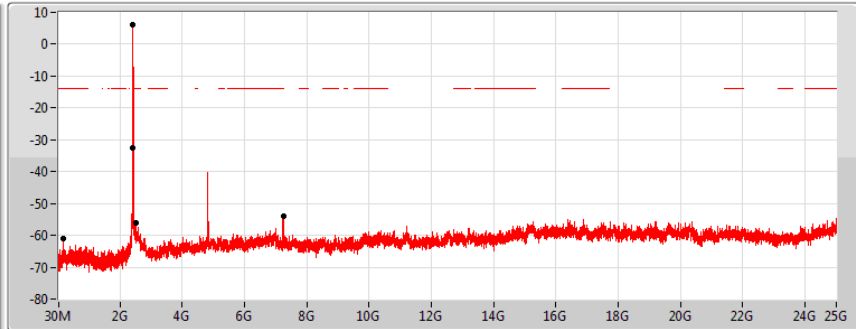
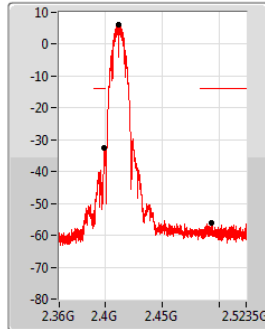
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412358G	6.18	-13.82	159.315M	-60.91	2.39952G	-32.40	2.4935G	-56.06	7.235136G	-53.85	2
2437MHz_TnomVnom	Pass	2.437408G	6.55	-13.45	2.300585G	-61.83	2.39784G	-57.58	2.4891G	-55.23	16.891603G	-55.44	2
2462MHz_TnomVnom	Pass	2.462959G	6.47	-13.53	2.30175G	-62.05	2.39128G	-58.40	2.48702G	-48.65	15.208675G	-54.84	2
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.418537G	-2.37	-22.37	2.305245G	-59.34	2.39992G	-36.82	2.50158G	-55.13	6.973847G	-53.44	2
2437MHz_TnomVnom	Pass	2.443587G	-2.45	-22.45	560.075M	-60.15	2.39912G	-57.84	2.48582G	-56.32	6.982276G	-53.70	2
2462MHz_TnomVnom	Pass	2.466132G	-2.04	-22.04	2.30175G	-59.30	2.3928G	-58.04	2.48414G	-48.84	6.990704G	-54.48	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.411356G	-9.15	-29.15	2.11302G	-60.10	2.39992G	-42.09	2.50374G	-58.81	6.965418G	-55.40	1
2412MHz_TnomVnom	Pass	2.418537G	-8.54	-28.54	2.093215G	-60.66	2.39992G	-41.44	2.48702G	-56.96	6.215265G	-55.17	2
2437MHz_TnomVnom	Pass	2.429559G	-10.33	-30.33	1.99186G	-60.88	2.39704G	-58.83	2.48422G	-57.83	6.987895G	-54.99	1
2437MHz_TnomVnom	Pass	2.442418G	-9.86	-29.86	2.095545G	-59.75	2.39696G	-58.81	2.50566G	-57.13	6.996324G	-53.40	2
2462MHz_TnomVnom	Pass	2.470474G	-9.94	-29.94	2.127G	-59.58	2.39416G	-59.92	2.48582G	-57.19	6.971037G	-55.03	1
2462MHz_TnomVnom	Pass	2.456613G	-9.82	-29.82	635.8M	-60.85	2.39136G	-59.06	2.4839G	-55.49	6.243361G	-54.77	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.418537G	-13.43	-33.43	496.015M	-61.18	2.39984G	-50.20	2.48462G	-57.83	24.952322G	-55.72	1
2422MHz_TnomVnom	Pass	2.425384G	-13.64	-33.64	2.30397G	-60.72	2.39984G	-48.16	2.48446G	-57.54	6.972272G	-53.92	2
2437MHz_TnomVnom	Pass	2.440581G	-12.42	-32.42	2.1597G	-61.37	2.39984G	-55.02	2.48814G	-58.69	6.377705G	-55.63	1
2437MHz_TnomVnom	Pass	2.446593G	-12.98	-32.98	891.04M	-60.91	2.39968G	-52.79	2.50718G	-56.50	6.386119G	-54.71	2
2452MHz_TnomVnom	Pass	2.45678G	-13.23	-33.23	2.103595G	-61.47	2.39488G	-59.61	2.48446G	-54.75	6.846067G	-55.07	1
2452MHz_TnomVnom	Pass	2.45511G	-13.15	-33.15	2.053215G	-60.05	2.39952G	-58.13	2.48446G	-53.12	6.245891G	-54.53	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

CSE NdB

2412MHz

05/01/2018



Port 2 

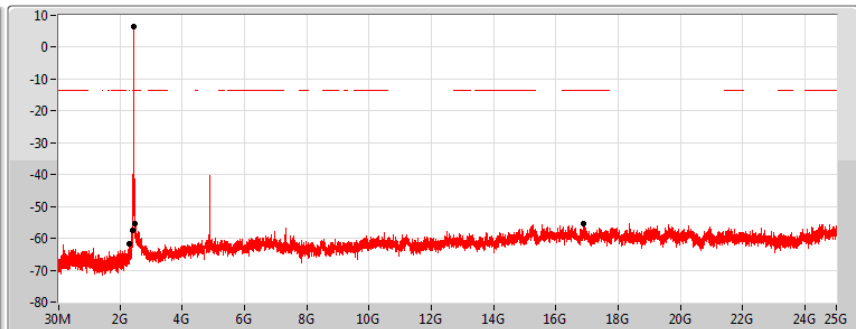
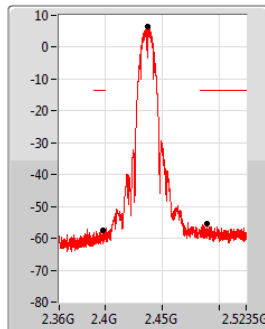
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.412358G	6.18	-13.82	159.315M	-60.91	2.39952G	-32.40	2.4935G	-56.06	7.235136G	-53.85	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

CSE NdB

2437MHz

05/01/2018



Port 2 

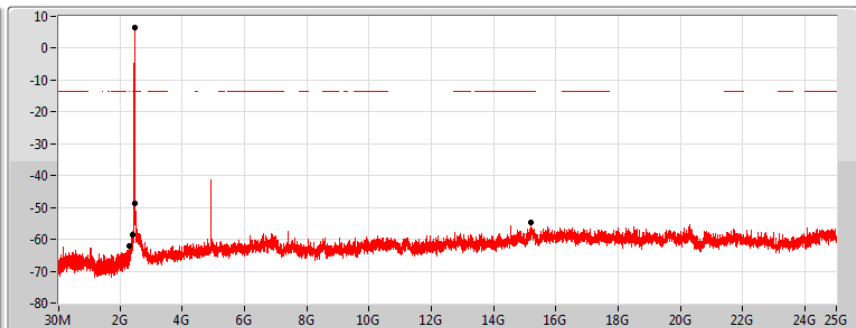
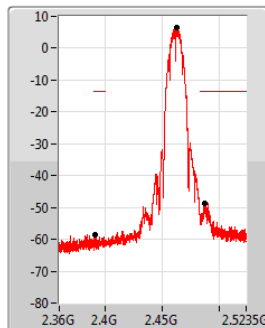
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.437408G	6.55	-13.45	2.300585G	-61.83	2.39784G	-57.58	2.4891G	-55.23	16.891603G	-55.44	2

802.11b_Nss1,(1Mbps)_1TX(Port2)

CSE NdB

2462MHz

05/01/2018



Port 2 

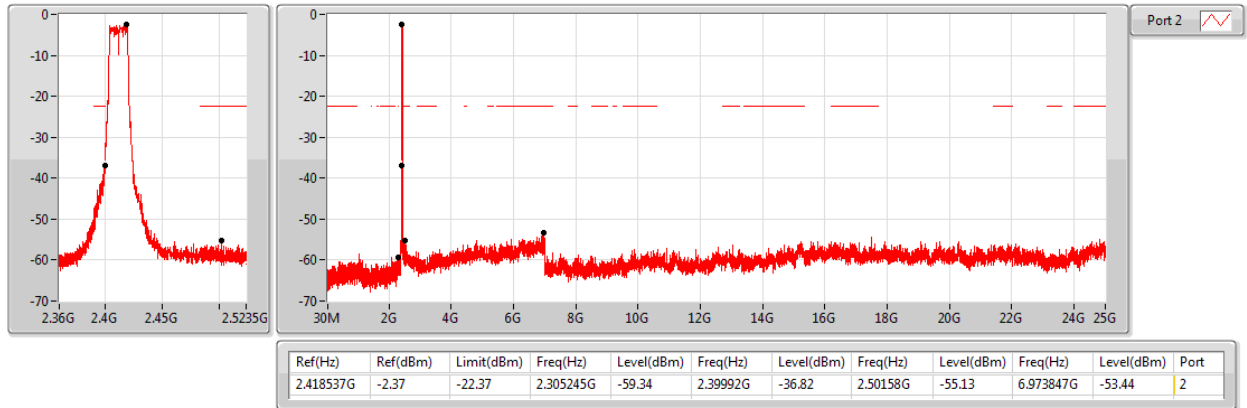
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.462959G	6.47	-13.53	2.30175G	-62.05	2.39128G	-58.40	2.48702G	-48.65	15.208675G	-54.84	2

802.11g_Nss1,(6Mbps)_1TX(Port2)

CSE NdB

2412MHz

05/01/2018

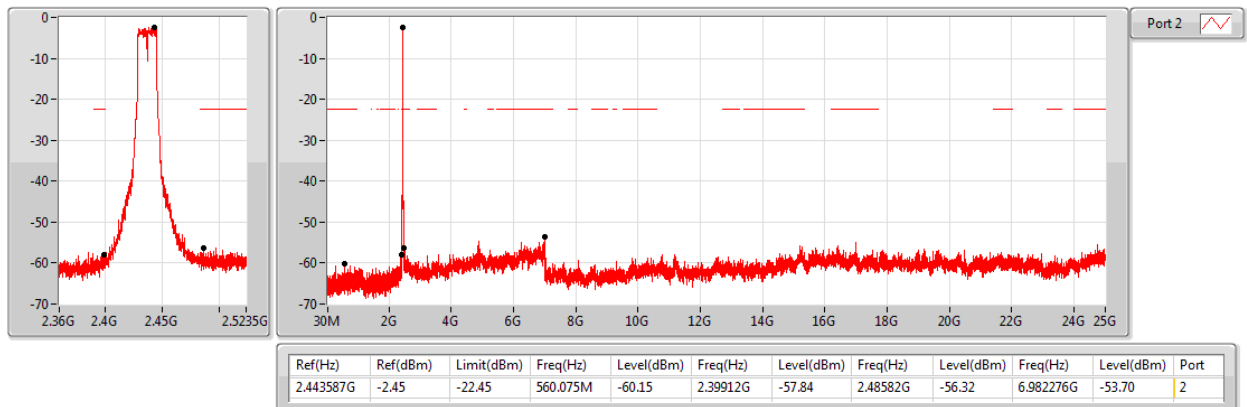


802.11g_Nss1,(6Mbps)_1TX(Port2)

CSE NdB

2437MHz

05/01/2018

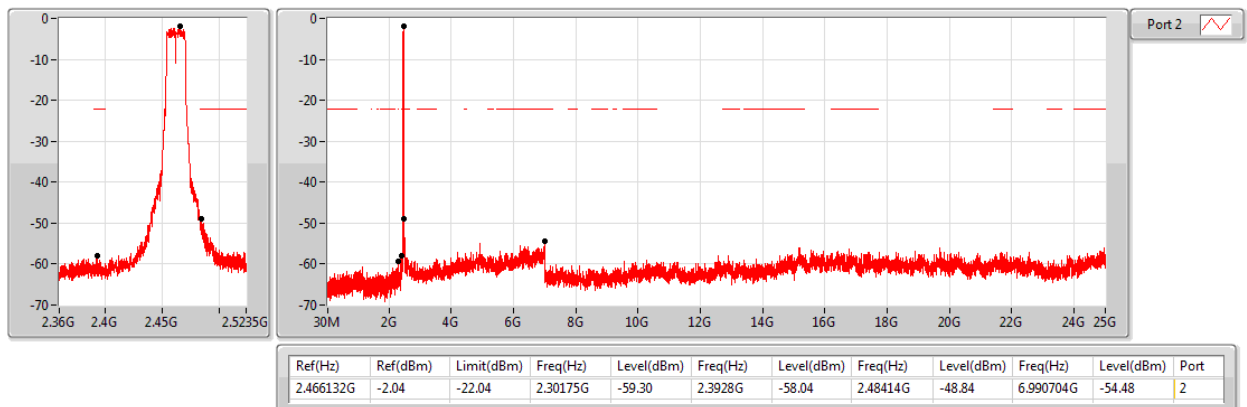


802.11g_Nss1,(6Mbps)_1TX(Port2)

CSE NdB

2462MHz

05/01/2018

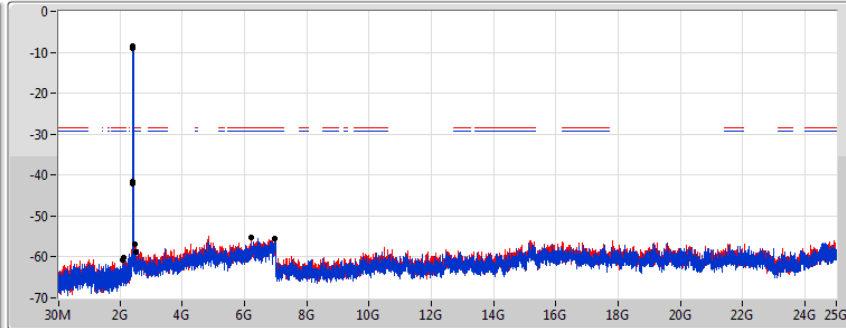
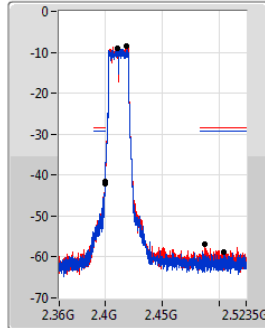


802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2412MHz

05/01/2018



Port 1 
Port 2 

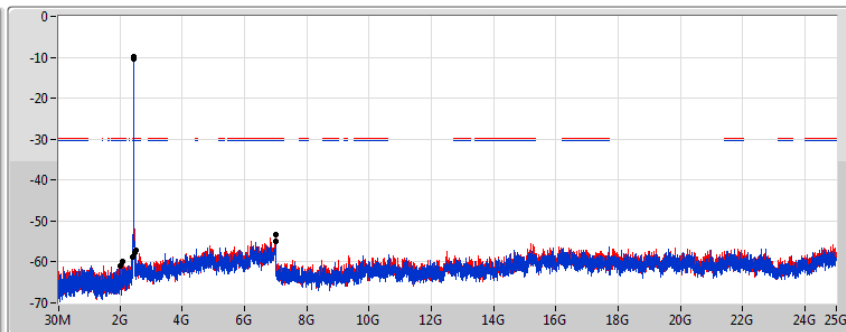
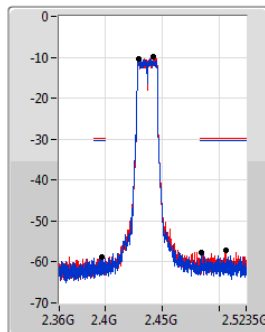
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.411356G	-9.15	-29.15	2.11302G	-60.10	2.39992G	-42.09	2.50374G	-58.81	6.965418G	-55.40	1
2.418537G	-8.54	-28.54	2.093215G	-60.66	2.39992G	-41.44	2.48702G	-56.96	6.215265G	-55.17	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

05/01/2018



Port 1 
Port 2 

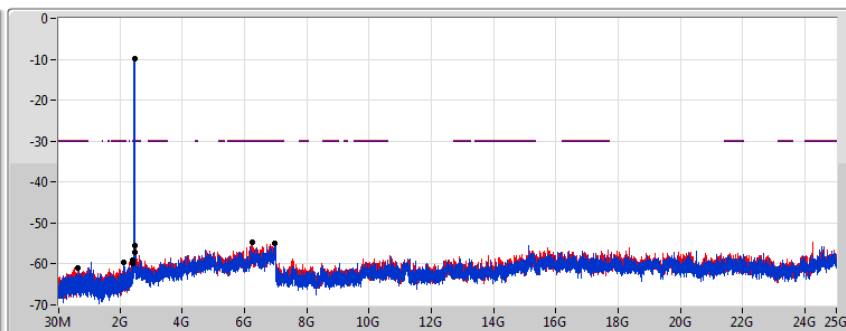
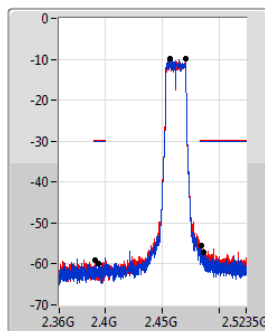
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.429599G	-10.33	-30.33	1.99186G	-60.88	2.39704G	-58.83	2.48422G	-57.83	6.987895G	-54.99	1
2.442418G	-9.86	-29.86	2.095545G	-59.75	2.39696G	-58.81	2.50566G	-57.13	6.996324G	-53.40	2

802.11n HT20_Nss1,(MCS0)_2TX

CSE NdB

2462MHz

05/01/2018



Port 1 
Port 2 

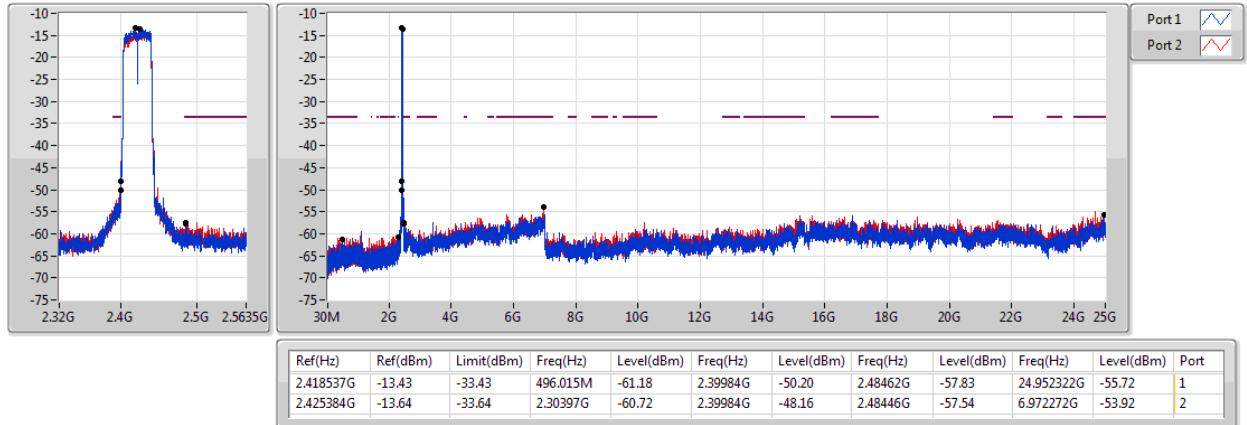
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.470474G	-9.94	-29.94	2.127G	-59.58	2.39416G	-59.92	2.48582G	-57.19	6.971037G	-55.03	1
2.456613G	-9.82	-29.82	635.8M	-60.85	2.39136G	-59.06	2.4839G	-55.49	6.243361G	-54.77	2

802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2422MHz

05/01/2018

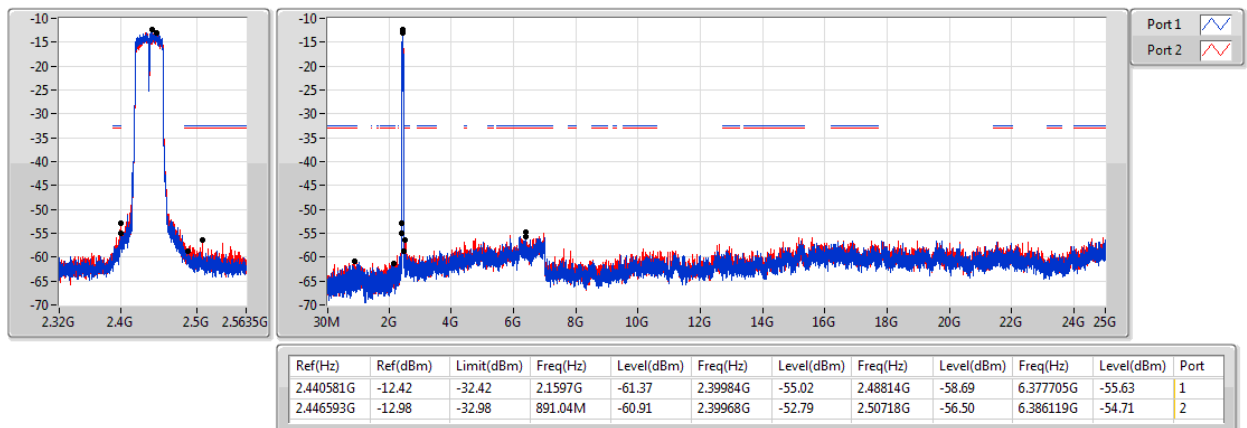


802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2437MHz

05/01/2018

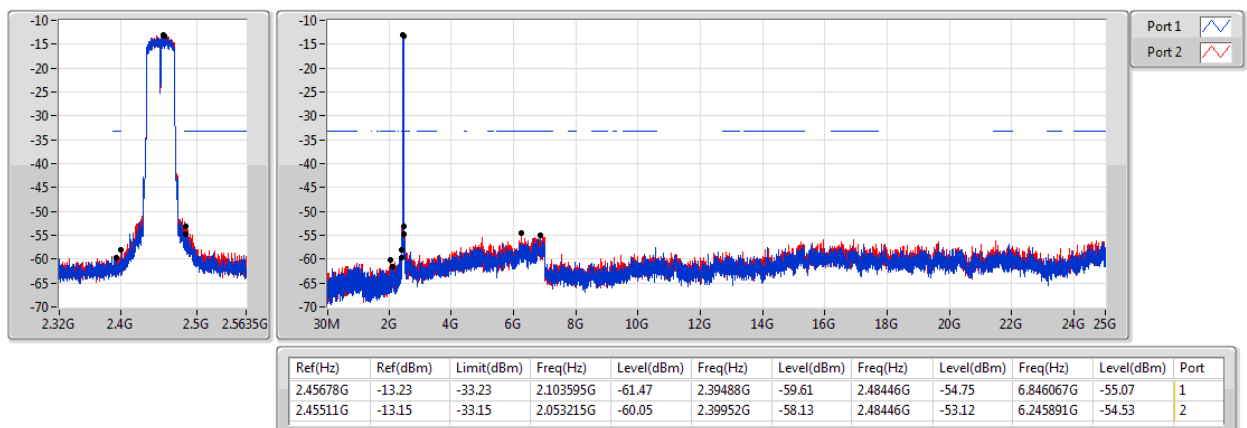


802.11n HT40_Nss1,(MCS0)_2TX

CSE NdB

2452MHz

05/01/2018



**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	QP	256.98M	42.57	46.00	-3.43	-14.75	3	Vertical	357	1.71	-

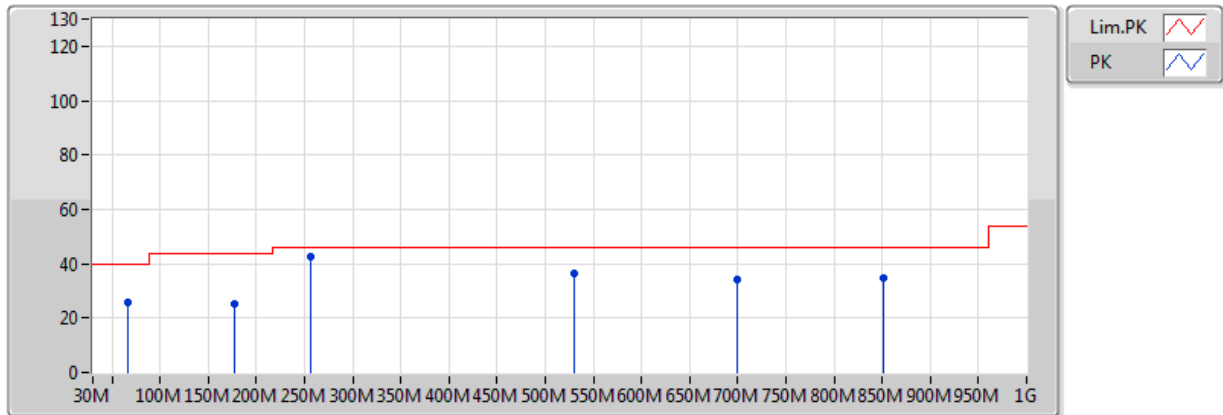
Result

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	88.2M	26.90	43.50	-16.60	-21.79	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	165.8M	27.08	43.50	-16.42	-19.23	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	431.58M	33.54	46.00	-12.46	-11.17	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	532.46M	34.48	46.00	-11.52	-9.67	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	639.16M	35.20	46.00	-10.80	-7.24	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	270.56M	41.98	46.00	-4.02	-14.97	3	Horizontal	280	1.01	-
2437MHz	Pass	PK	66.86M	25.63	40.00	-14.37	-24.53	3	Vertical	0	1.00	-
2437MHz	Pass	PK	177.44M	25.05	43.50	-18.45	-20.00	3	Vertical	0	1.00	-
2437MHz	Pass	PK	530.52M	36.15	46.00	-9.85	-9.68	3	Vertical	0	1.00	-
2437MHz	Pass	PK	699.3M	34.05	46.00	-11.95	-7.23	3	Vertical	0	1.00	-
2437MHz	Pass	PK	850.62M	34.78	46.00	-11.22	-4.13	3	Vertical	0	1.00	-
2437MHz	Pass	QP	256.98M	42.57	46.00	-3.43	-14.75	3	Vertical	357	1.71	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_USB

29/11/2017

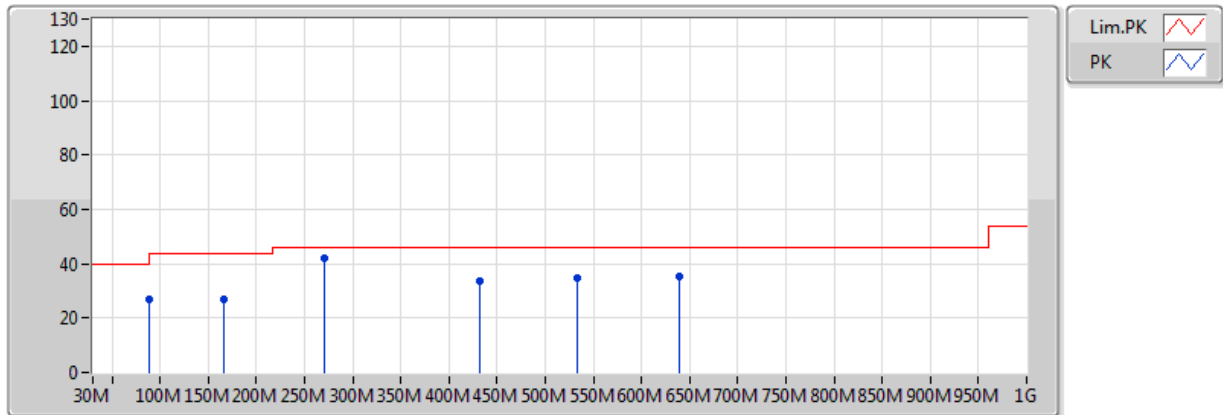


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	66.86M	25.63	40.00	-14.37	-24.53	3	Vertical	0	1.00	-	50.16	11.18	1.32	37.03
PK	177.44M	25.05	43.50	-18.45	-20.00	3	Vertical	0	1.00	-	45.05	14.28	2.18	36.47
PK	530.52M	36.15	46.00	-9.85	-9.68	3	Vertical	0	1.00	-	45.83	23.31	4.01	37.00
PK	699.3M	34.05	46.00	-11.95	-7.23	3	Vertical	0	1.00	-	41.28	25.77	4.35	37.35
PK	850.62M	34.78	46.00	-11.22	-4.13	3	Vertical	0	1.00	-	38.91	28.33	5.04	37.50
QP	256.98M	42.57	46.00	-3.43	-14.75	3	Vertical	357	1.71	-	57.32	19.05	2.62	36.42

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_USB

29/11/2017



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	88.2M	26.90	43.50	-16.60	-21.79	3	Horizontal	360	1.00	-	48.69	13.58	1.50	36.88
PK	165.8M	27.08	43.50	-16.42	-19.23	3	Horizontal	360	1.00	-	46.31	15.18	2.12	36.53
PK	431.58M	33.54	46.00	-12.46	-11.17	3	Horizontal	360	1.00	-	44.71	22.08	3.46	36.70
PK	532.46M	34.48	46.00	-11.52	-9.67	3	Horizontal	360	1.00	-	44.15	23.32	4.01	37.01
PK	639.16M	35.20	46.00	-10.80	-7.24	3	Horizontal	360	1.00	-	42.44	25.65	4.35	37.25
QP	270.56M	41.98	46.00	-4.02	-14.97	3	Horizontal	280	1.01	-	56.94	18.72	2.73	36.42

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	4.824G	52.01	54.00	-1.99	4.15	3	Vertical	283	1.84	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.4836G	52.28	54.00	-1.72	33.30	3	Vertical	290	2.39	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4836G	50.29	54.00	-3.71	33.30	3	Vertical	108	3.69	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4848G	50.89	54.00	-3.11	33.30	3	Vertical	0	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3858G	49.41	54.00	-4.59	32.93	3	Vertical	295	1.50	-
2412MHz	Pass	AV	2.411G	99.11	Inf	-Inf	33.02	3	Vertical	295	1.50	-
2412MHz	Pass	PK	2.3828G	59.01	74.00	-14.99	32.92	3	Vertical	295	1.50	-
2412MHz	Pass	PK	2.412G	102.59	Inf	-Inf	33.03	3	Vertical	295	1.50	-
2412MHz	Pass	AV	4.82404G	48.72	54.00	-5.28	4.15	3	Horizontal	147	3.69	-
2412MHz	Pass	PK	4.82408G	52.56	74.00	-21.44	4.15	3	Horizontal	147	3.69	-
2412MHz	Pass	AV	4.824G	52.01	54.00	-1.99	4.15	3	Vertical	283	1.84	-
2412MHz	Pass	PK	4.82404G	54.39	74.00	-19.61	4.15	3	Vertical	283	1.84	-
2437MHz	Pass	AV	2.3818G	48.08	54.00	-5.92	32.91	3	Vertical	292	2.47	-
2437MHz	Pass	AV	2.4382G	102.59	Inf	-Inf	33.13	3	Vertical	292	2.47	-
2437MHz	Pass	AV	2.487G	49.03	54.00	-4.97	33.31	3	Vertical	292	2.47	-
2437MHz	Pass	PK	2.3686G	59.06	74.00	-14.94	32.86	3	Vertical	292	2.47	-
2437MHz	Pass	PK	2.437G	105.86	Inf	-Inf	33.12	3	Vertical	292	2.47	-
2437MHz	Pass	PK	2.4898G	60.46	74.00	-13.54	33.32	3	Vertical	292	2.47	-
2437MHz	Pass	AV	4.87404G	44.77	54.00	-9.23	4.28	3	Horizontal	146	3.59	-
2437MHz	Pass	PK	4.87416G	49.26	74.00	-24.74	4.28	3	Horizontal	146	3.59	-
2437MHz	Pass	AV	4.87404G	45.52	54.00	-8.48	4.28	3	Vertical	285	1.96	-
2437MHz	Pass	PK	4.87388G	49.28	74.00	-24.72	4.27	3	Vertical	285	1.96	-
2462MHz	Pass	AV	2.461G	102.92	Inf	-Inf	33.21	3	Vertical	291	2.40	-
2462MHz	Pass	AV	2.4884G	51.76	54.00	-2.24	33.32	3	Vertical	291	2.40	-
2462MHz	Pass	PK	2.462G	106.36	Inf	-Inf	33.22	3	Vertical	291	2.40	-
2462MHz	Pass	PK	2.4962G	61.30	74.00	-12.70	33.35	3	Vertical	291	2.40	-
2462MHz	Pass	AV	4.924G	42.70	54.00	-11.30	4.40	3	Horizontal	145	3.69	-
2462MHz	Pass	PK	4.92392G	48.78	74.00	-25.22	4.40	3	Horizontal	145	3.69	-
2462MHz	Pass	AV	4.92406G	44.05	54.00	-9.95	4.40	3	Vertical	185	3.65	-
2462MHz	Pass	PK	4.9242G	49.49	74.00	-24.51	4.40	3	Vertical	185	3.65	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.65	54.00	-2.35	32.94	3	Vertical	291	2.22	-
2412MHz	Pass	AV	2.419G	96.72	Inf	-Inf	33.05	3	Vertical	291	2.22	-
2412MHz	Pass	PK	2.3882G	61.91	74.00	-12.09	32.94	3	Vertical	291	2.22	-
2412MHz	Pass	PK	2.4188G	103.96	Inf	-Inf	33.05	3	Vertical	291	2.22	-
2412MHz	Pass	AV	4.82416G	37.45	54.00	-16.55	4.15	3	Horizontal	142	3.69	-
2412MHz	Pass	PK	4.82392G	47.63	74.00	-26.37	4.15	3	Horizontal	142	3.69	-
2412MHz	Pass	AV	4.82416G	39.96	54.00	-14.04	4.15	3	Vertical	279	3.25	-
2412MHz	Pass	PK	4.82436G	49.74	74.00	-24.26	4.15	3	Vertical	279	3.25	-
2437MHz	Pass	AV	2.3842G	48.13	54.00	-5.87	32.92	3	Vertical	289	2.50	-
2437MHz	Pass	AV	2.4438G	97.25	Inf	-Inf	33.15	3	Vertical	289	2.50	-
2437MHz	Pass	AV	2.4946G	48.96	54.00	-5.04	33.34	3	Vertical	289	2.50	-
2437MHz	Pass	PK	2.353G	58.79	74.00	-15.21	32.81	3	Vertical	289	2.50	-
2437MHz	Pass	PK	2.4438G	104.49	Inf	-Inf	33.15	3	Vertical	289	2.50	-
2437MHz	Pass	PK	2.4906G	59.58	74.00	-14.42	33.32	3	Vertical	289	2.50	-
2437MHz	Pass	AV	4.88696G	34.23	54.00	-19.77	4.31	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.86482G	44.29	74.00	-29.71	4.25	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	4.87412G	34.44	54.00	-19.56	4.28	3	Vertical	360	1.50	-
2437MHz	Pass	PK	4.883G	44.72	74.00	-29.28	4.30	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4554G	97.05	Inf	-Inf	33.19	3	Vertical	290	2.39	-
2462MHz	Pass	AV	2.4836G	52.28	54.00	-1.72	33.30	3	Vertical	290	2.39	-



RSE TX above 1GHz Result

Appendix B.2

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	2.4652G	104.30	Inf	-Inf	33.23	3	Vertical	290	2.39	-
2462MHz	Pass	PK	2.4836G	64.00	74.00	-10.00	33.30	3	Vertical	290	2.39	-
2462MHz	Pass	AV	4.93324G	35.00	54.00	-19.00	4.42	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.93462G	45.21	74.00	-28.79	4.43	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	4.92394G	35.19	54.00	-18.81	4.40	3	Vertical	0	1.50	-
2462MHz	Pass	PK	4.92748G	45.34	74.00	-28.66	4.41	3	Vertical	0	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.48	54.00	-4.52	32.94	3	Vertical	360	1.50	-
2412MHz	Pass	AV	2.413G	92.74	Inf	-Inf	33.03	3	Vertical	360	1.50	-
2412MHz	Pass	PK	2.3898G	60.06	74.00	-13.94	32.94	3	Vertical	360	1.50	-
2412MHz	Pass	PK	2.409G	100.51	Inf	-Inf	33.01	3	Vertical	360	1.50	-
2412MHz	Pass	AV	4.8105G	34.83	54.00	-19.17	4.12	3	Horizontal	360	1.50	-
2412MHz	Pass	PK	4.80906G	45.17	74.00	-28.83	4.11	3	Horizontal	360	1.50	-
2412MHz	Pass	AV	4.82408G	36.41	54.00	-17.59	4.15	3	Vertical	0	1.50	-
2412MHz	Pass	PK	4.82198G	46.40	74.00	-27.60	4.14	3	Vertical	0	1.50	-
2437MHz	Pass	AV	2.3818G	48.10	54.00	-5.90	32.91	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.4378G	92.54	Inf	-Inf	33.12	3	Vertical	360	1.50	-
2437MHz	Pass	AV	2.4902G	48.97	54.00	-5.03	33.32	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.3774G	59.15	74.00	-14.85	32.90	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.4338G	100.33	Inf	-Inf	33.11	3	Vertical	360	1.50	-
2437MHz	Pass	PK	2.4846G	59.97	74.00	-14.03	33.30	3	Vertical	360	1.50	-
2437MHz	Pass	AV	4.88304G	33.94	54.00	-20.06	4.30	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.8772G	43.98	74.00	-30.02	4.28	3	Horizontal	360	1.50	-
2437MHz	Pass	AV	4.88304G	34.07	54.00	-19.93	4.30	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.88392G	44.36	74.00	-29.64	4.30	3	Vertical	0	1.50	-
2462MHz	Pass	AV	2.4694G	94.19	Inf	-Inf	33.24	3	Vertical	108	3.69	-
2462MHz	Pass	AV	2.4836G	50.29	54.00	-3.71	33.30	3	Vertical	108	3.69	-
2462MHz	Pass	PK	2.459G	101.28	Inf	-Inf	33.20	3	Vertical	108	3.69	-
2462MHz	Pass	PK	2.484G	60.98	74.00	-13.02	33.30	3	Vertical	108	3.69	-
2462MHz	Pass	AV	4.92956G	36.37	54.00	-17.63	4.41	3	Horizontal	360	1.50	-
2462MHz	Pass	PK	4.92324G	47.76	74.00	-26.24	4.40	3	Horizontal	360	1.50	-
2462MHz	Pass	AV	4.92376G	36.47	54.00	-17.53	4.40	3	Vertical	0	1.50	-
2462MHz	Pass	PK	4.92928G	47.88	74.00	-26.12	4.41	3	Vertical	0	1.50	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	50.14	54.00	-3.86	32.94	3	Vertical	2	1.50	-
2422MHz	Pass	AV	2.43G	89.92	Inf	-Inf	33.09	3	Vertical	2	1.50	-
2422MHz	Pass	AV	2.4864G	48.99	54.00	-5.01	33.31	3	Vertical	2	1.50	-
2422MHz	Pass	PK	2.386G	61.34	74.00	-12.66	32.93	3	Vertical	2	1.50	-
2422MHz	Pass	PK	2.4288G	97.72	Inf	-Inf	33.09	3	Vertical	2	1.50	-
2422MHz	Pass	PK	2.4928G	59.46	74.00	-14.54	33.33	3	Vertical	2	1.50	-
2422MHz	Pass	AV	4.83556G	33.93	54.00	-20.07	4.18	3	Horizontal	360	1.50	-
2422MHz	Pass	PK	4.83524G	45.06	74.00	-28.94	4.18	3	Horizontal	360	1.50	-
2422MHz	Pass	AV	4.84388G	34.87	54.00	-19.13	4.20	3	Vertical	0	1.50	-
2422MHz	Pass	PK	4.8442G	44.40	74.00	-29.60	4.20	3	Vertical	0	1.50	-
2437MHz	Pass	AV	2.3898G	48.42	54.00	-5.58	32.94	3	Vertical	62	1.02	-
2437MHz	Pass	AV	2.4326G	90.51	Inf	-Inf	33.10	3	Vertical	62	1.02	-
2437MHz	Pass	AV	2.4838G	49.51	54.00	-4.49	33.30	3	Vertical	62	1.02	-
2437MHz	Pass	PK	2.3886G	59.25	74.00	-14.75	32.94	3	Vertical	62	1.02	-
2437MHz	Pass	PK	2.435G	98.10	Inf	-Inf	33.11	3	Vertical	62	1.02	-



RSE TX above 1GHz Result

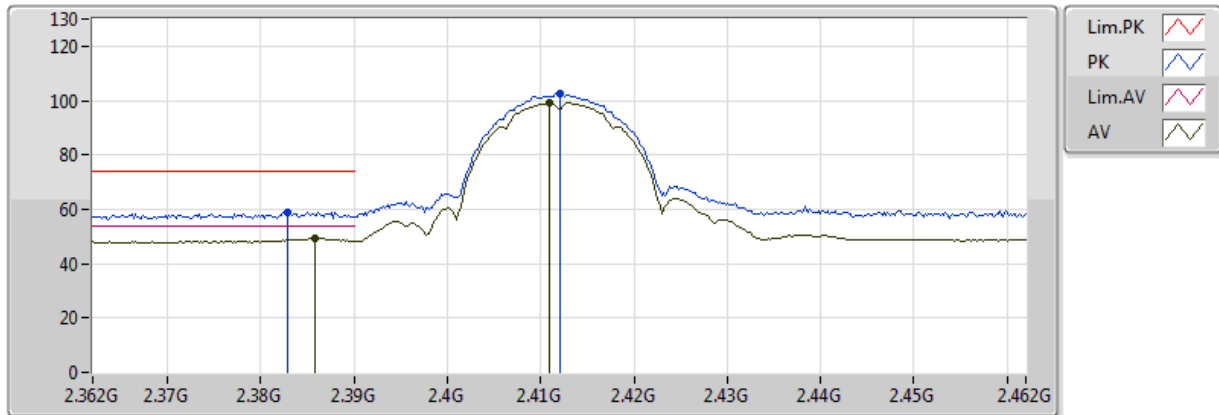
Appendix B.2

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	2.4838G	59.98	74.00	-14.02	33.30	3	Vertical	62	1.02	-
2437MHz	Pass	AV	4.88756G	33.81	54.00	-20.19	4.31	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.87742G	43.99	74.00	-30.01	4.28	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	4.88576G	33.90	54.00	-20.10	4.30	3	Vertical	360	1.50	-
2437MHz	Pass	PK	4.88786G	44.55	74.00	-29.45	4.31	3	Vertical	360	1.50	-
2452MHz	Pass	AV	2.3888G	48.10	54.00	-5.90	32.94	3	Vertical	0	1.50	-
2452MHz	Pass	AV	2.4572G	90.53	Inf	-Inf	33.20	3	Vertical	0	1.50	-
2452MHz	Pass	AV	2.4848G	50.89	54.00	-3.11	33.30	3	Vertical	0	1.50	-
2452MHz	Pass	PK	2.3724G	58.78	74.00	-15.22	32.88	3	Vertical	0	1.50	-
2452MHz	Pass	PK	2.4588G	98.26	Inf	-Inf	33.20	3	Vertical	0	1.50	-
2452MHz	Pass	PK	2.486G	61.39	74.00	-12.61	33.31	3	Vertical	0	1.50	-
2452MHz	Pass	AV	4.91894G	34.72	54.00	-19.28	4.39	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	4.89746G	45.74	74.00	-28.26	4.33	3	Horizontal	360	1.50	-
2452MHz	Pass	AV	4.92328G	34.71	54.00	-19.29	4.40	3	Vertical	0	1.50	-
2452MHz	Pass	PK	4.91592G	45.10	74.00	-28.90	4.38	3	Vertical	0	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

2412MHz_TX

29/11/2017

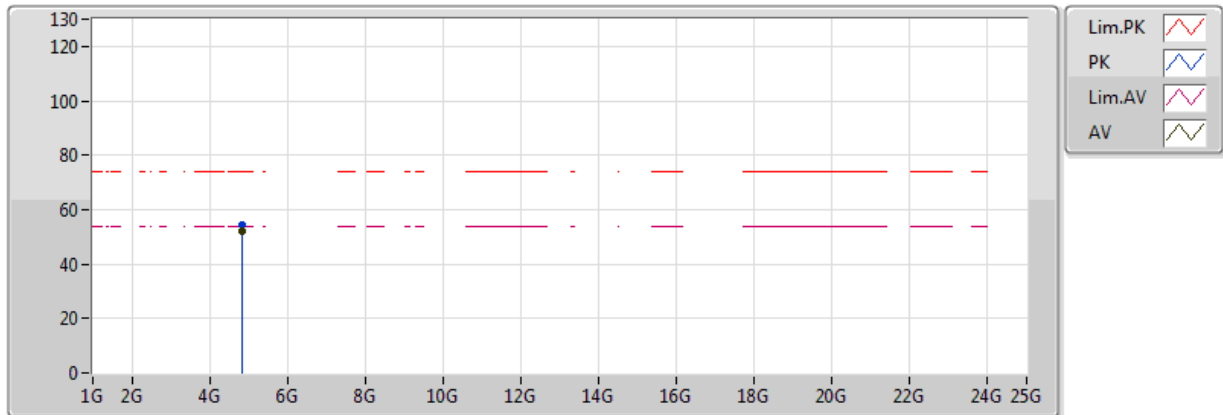


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3858G	49.41	54.00	-4.59	32.93	3	Vertical	295	1.50	-	16.48	27.20	5.72	-
AV	2.411G	99.11	Inf	-Inf	33.02	3	Vertical	295	1.50	-	66.09	27.27	5.75	-
PK	2.3828G	59.01	74.00	-14.99	32.92	3	Vertical	295	1.50	-	26.09	27.20	5.72	-
PK	2.412G	102.59	Inf	-Inf	33.03	3	Vertical	295	1.50	-	69.57	27.27	5.75	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

2412MHz_TX

28/11/2017

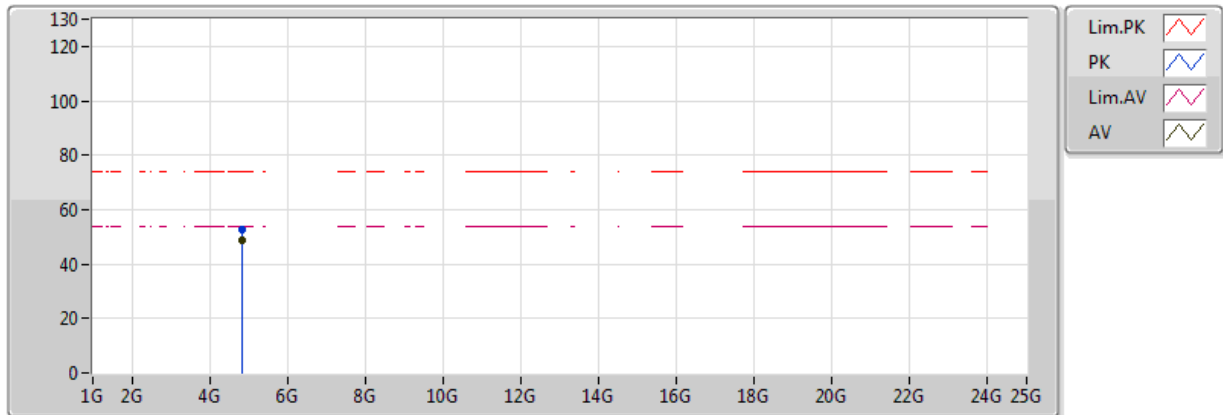


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	52.01	54.00	-1.99	4.15	3	Vertical	283	1.84	-	47.86	31.22	8.11	35.18
PK	4.82404G	54.39	74.00	-19.61	4.15	3	Vertical	283	1.84	-	50.24	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_1TX(Port2)

2412MHz_TX

28/11/2017

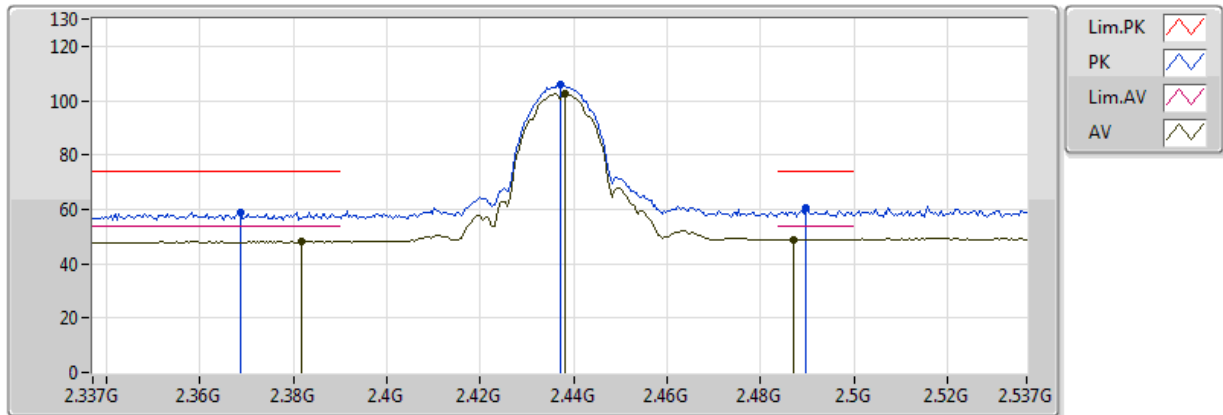


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82404G	48.72	54.00	-5.28	4.15	3	Horizontal	147	3.69	-	44.57	31.22	8.11	35.18
PK	4.82408G	52.56	74.00	-21.44	4.15	3	Horizontal	147	3.69	-	48.41	31.22	8.11	35.18

802.11b_Nss1,(1Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

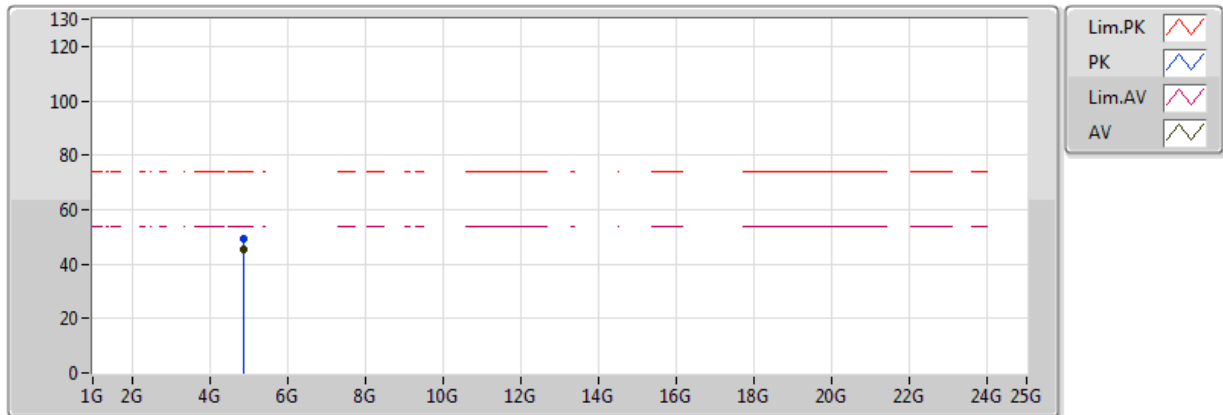


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3818G	48.08	54.00	-5.92	32.91	3	Vertical	292	2.47	-	15.17	27.19	5.72	-
AV	2.4382G	102.59	Inf	-Inf	33.13	3	Vertical	292	2.47	-	69.47	27.34	5.79	-
AV	2.487G	49.03	54.00	-4.97	33.31	3	Vertical	292	2.47	-	15.72	27.47	5.84	-
PK	2.3686G	59.06	74.00	-14.94	32.86	3	Vertical	292	2.47	-	26.20	27.16	5.71	-
PK	2.437G	105.86	Inf	-Inf	33.12	3	Vertical	292	2.47	-	72.74	27.34	5.78	-
PK	2.4898G	60.46	74.00	-13.54	33.32	3	Vertical	292	2.47	-	27.14	27.47	5.85	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

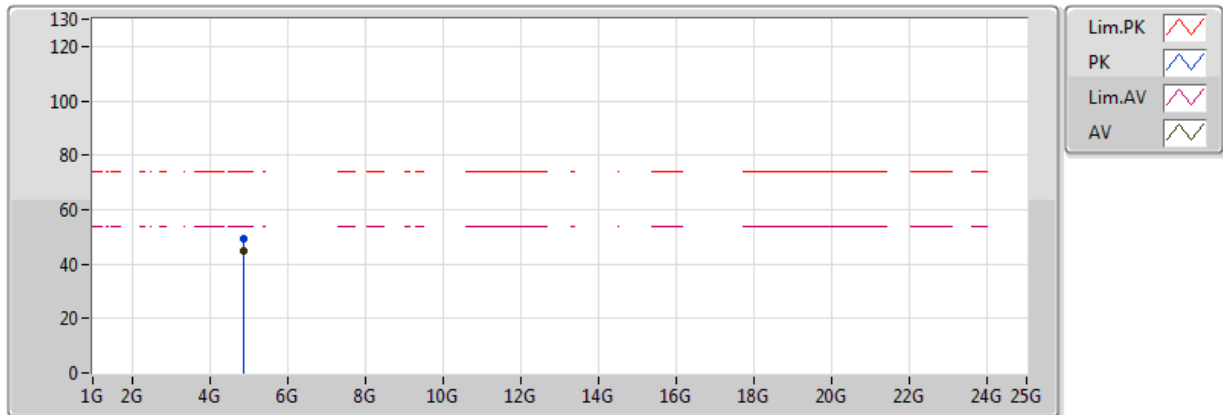


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87404G	45.52	54.00	-8.48	4.28	3	Vertical	285	1.96	-	41.24	31.30	8.17	35.19
PK	4.87388G	49.28	74.00	-24.72	4.27	3	Vertical	285	1.96	-	45.01	31.30	8.17	35.19

802.11b_Nss1,(1Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

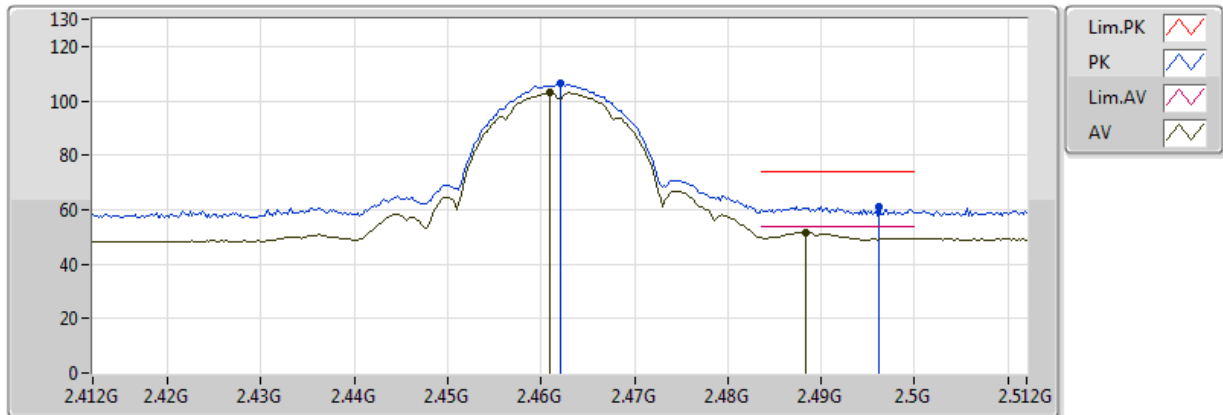


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87404G	44.77	54.00	-9.23	4.28	3	Horizontal	146	3.59	-	40.49	31.30	8.17	35.19
PK	4.87416G	49.26	74.00	-24.74	4.28	3	Horizontal	146	3.59	-	44.98	31.30	8.17	35.19

802.11b_Nss1,(1Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

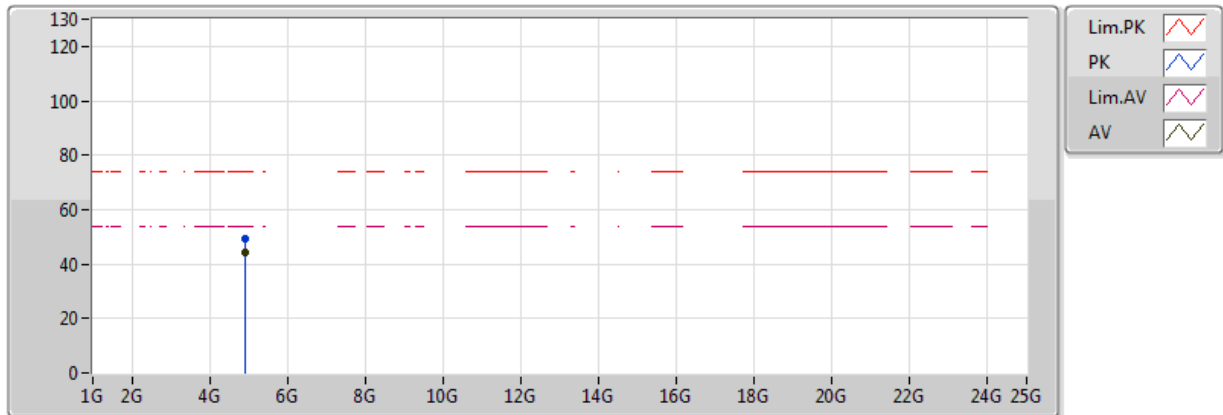


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.461G	102.92	Inf	-Inf	33.21	3	Vertical	291	2.40	-	69.71	27.40	5.81	-
AV	2.4884G	51.76	54.00	-2.24	33.32	3	Vertical	291	2.40	-	18.45	27.47	5.85	-
PK	2.462G	106.36	Inf	-Inf	33.22	3	Vertical	291	2.40	-	73.15	27.40	5.81	-
PK	2.4962G	61.30	74.00	-12.70	33.35	3	Vertical	291	2.40	-	27.96	27.49	5.86	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

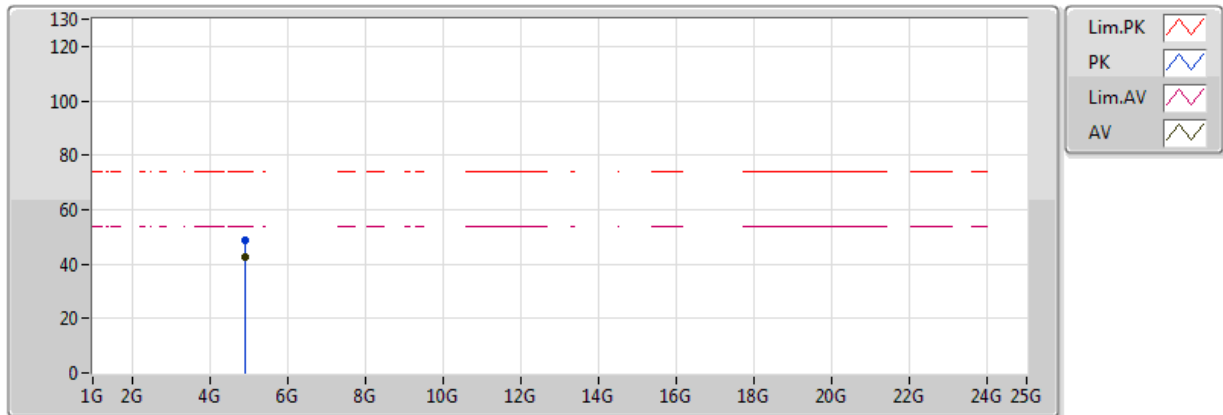


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92406G	44.05	54.00	-9.95	4.40	3	Vertical	185	3.65	-	39.65	31.38	8.23	35.20
PK	4.9242G	49.49	74.00	-24.51	4.40	3	Vertical	185	3.65	-	45.09	31.38	8.23	35.20

802.11b_Nss1,(1Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

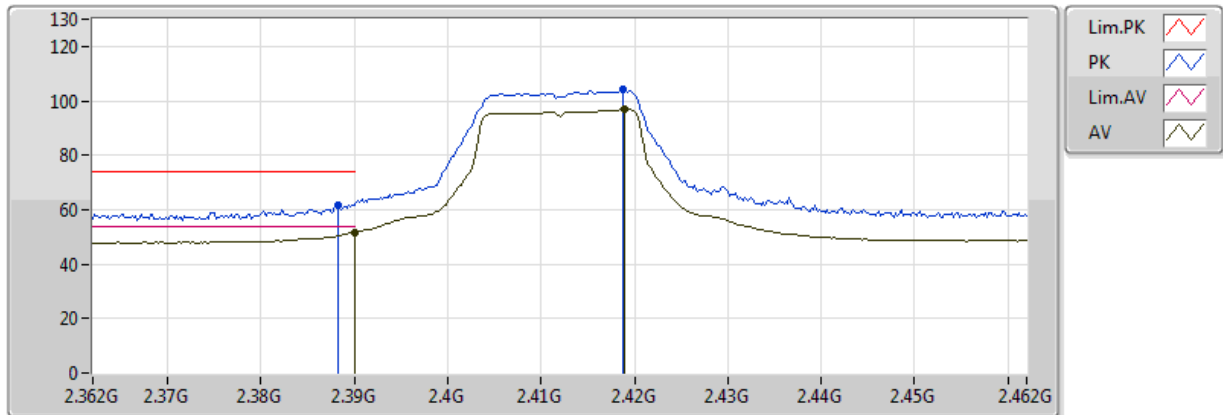


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	42.70	54.00	-11.30	4.40	3	Horizontal	145	3.69	-	38.30	31.38	8.23	35.20
PK	4.92392G	48.78	74.00	-25.22	4.40	3	Horizontal	145	3.69	-	44.38	31.38	8.23	35.20

802.11g_Nss1,(6Mbps)_1TX(Port2)

2412MHz_TX

28/11/2017

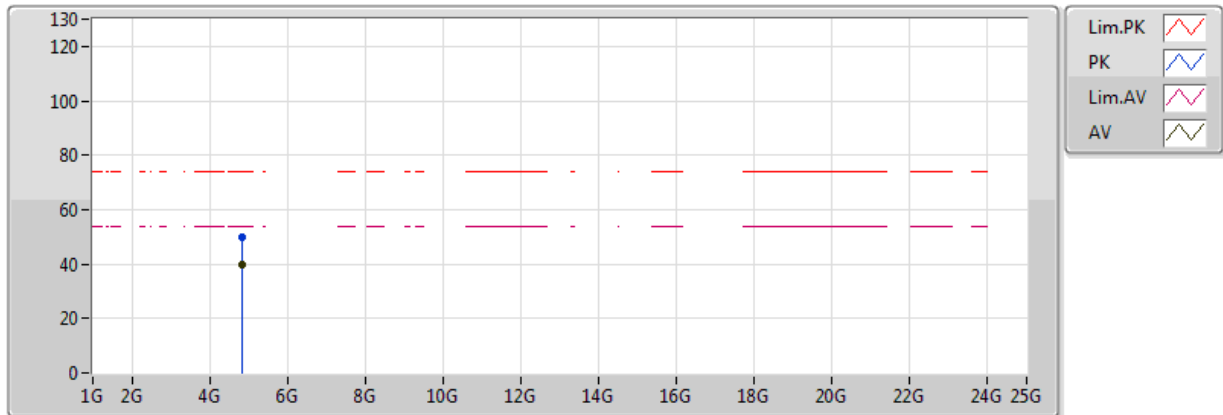


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.65	54.00	-2.35	32.94	3	Vertical	291	2.22	-	18.71	27.21	5.73	-
AV	2.419G	96.72	Inf	-Inf	33.05	3	Vertical	291	2.22	-	63.67	27.29	5.76	-
PK	2.3882G	61.91	74.00	-12.09	32.94	3	Vertical	291	2.22	-	28.97	27.21	5.73	-
PK	2.4188G	103.96	Inf	-Inf	33.05	3	Vertical	291	2.22	-	70.91	27.29	5.76	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

2412MHz_TX

28/11/2017

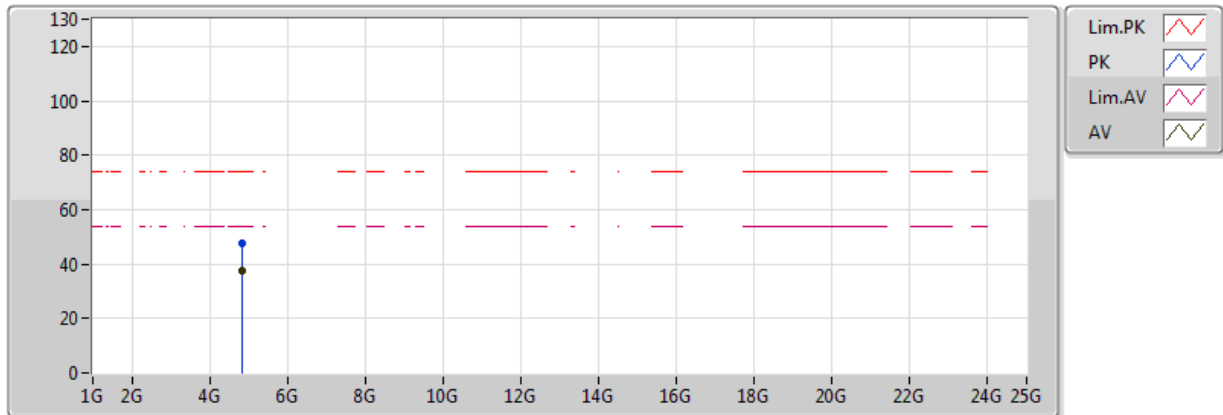


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82416G	39.96	54.00	-14.04	4.15	3	Vertical	279	3.25	-	35.81	31.22	8.11	35.18
PK	4.82436G	49.74	74.00	-24.26	4.15	3	Vertical	279	3.25	-	45.59	31.22	8.11	35.18

802.11g_Nss1,(6Mbps)_1TX(Port2)

2412MHz_TX

28/11/2017

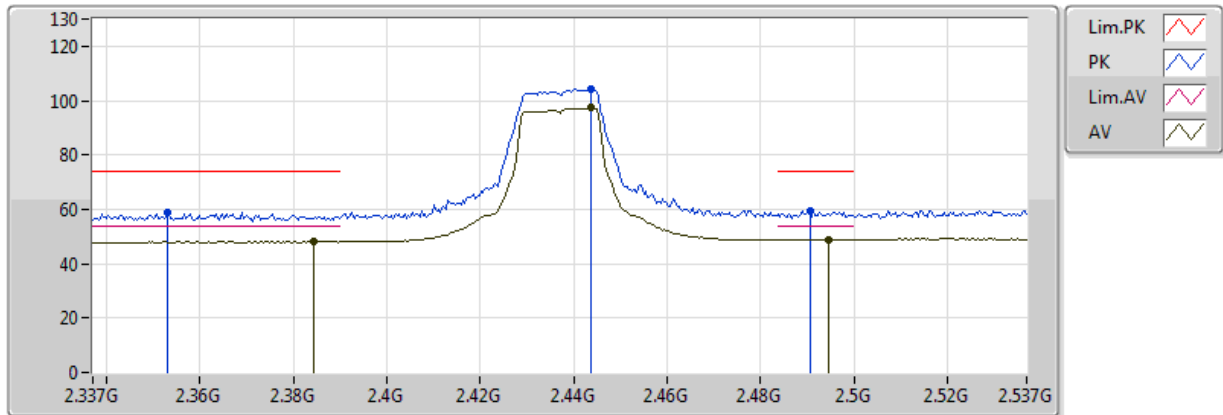


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82416G	37.45	54.00	-16.55	4.15	3	Horizontal	142	3.69	-	33.30	31.22	8.11	35.18
PK	4.82392G	47.63	74.00	-26.37	4.15	3	Horizontal	142	3.69	-	43.48	31.22	8.11	35.18

802.11g_Nss1,(6Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

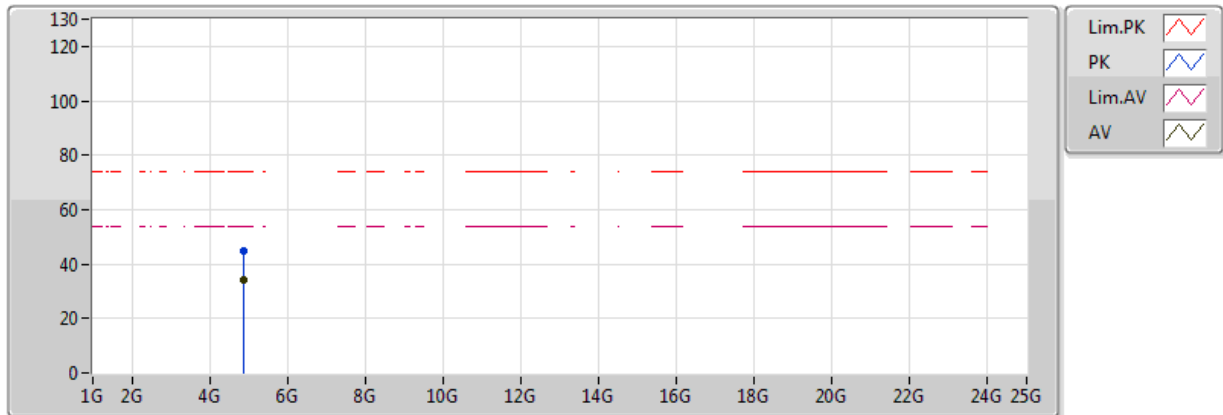


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3842G	48.13	54.00	-5.87	32.92	3	Vertical	289	2.50	-	15.21	27.20	5.72	-
AV	2.4438G	97.25	Inf	-Inf	33.15	3	Vertical	289	2.50	-	64.11	27.35	5.79	-
AV	2.4946G	48.96	54.00	-5.04	33.34	3	Vertical	289	2.50	-	15.62	27.49	5.85	-
PK	2.353G	58.79	74.00	-15.21	32.81	3	Vertical	289	2.50	-	25.99	27.12	5.69	-
PK	2.4438G	104.49	Inf	-Inf	33.15	3	Vertical	289	2.50	-	71.35	27.35	5.79	-
PK	2.4906G	59.58	74.00	-14.42	33.32	3	Vertical	289	2.50	-	26.25	27.48	5.85	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

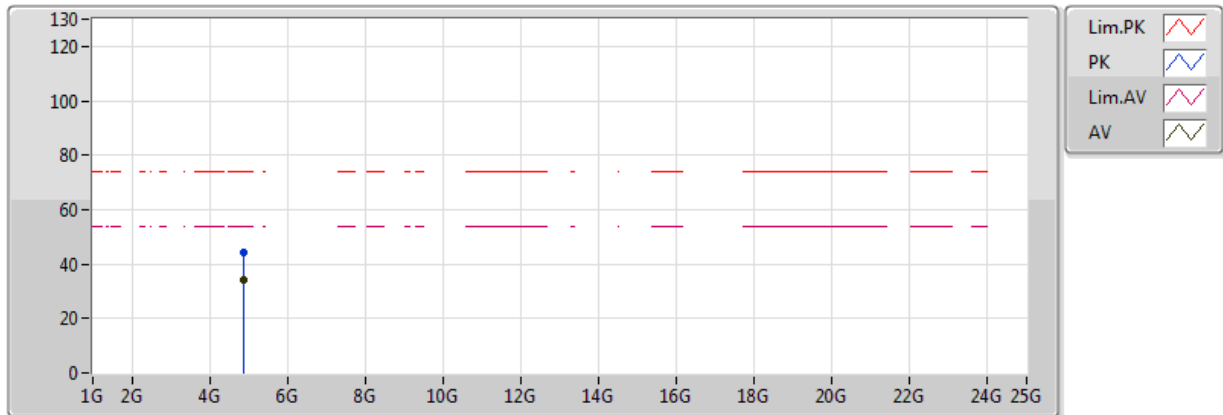


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87412G	34.44	54.00	-19.56	4.28	3	Vertical	360	1.50	-	30.17	31.30	8.17	35.19
PK	4.883G	44.72	74.00	-29.28	4.30	3	Vertical	360	1.50	-	40.42	31.31	8.18	35.19

802.11g_Nss1,(6Mbps)_1TX(Port2)

2437MHz_TX

28/11/2017

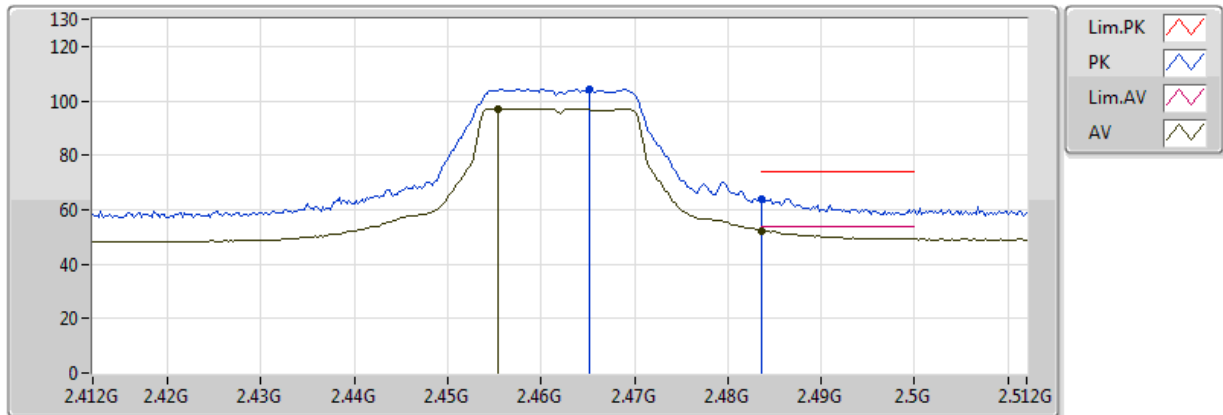


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88696G	34.23	54.00	-19.77	4.31	3	Horizontal	0	1.50	-	29.93	31.32	8.18	35.20
PK	4.86482G	44.29	74.00	-29.71	4.25	3	Horizontal	0	1.50	-	40.04	31.28	8.16	35.19

802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

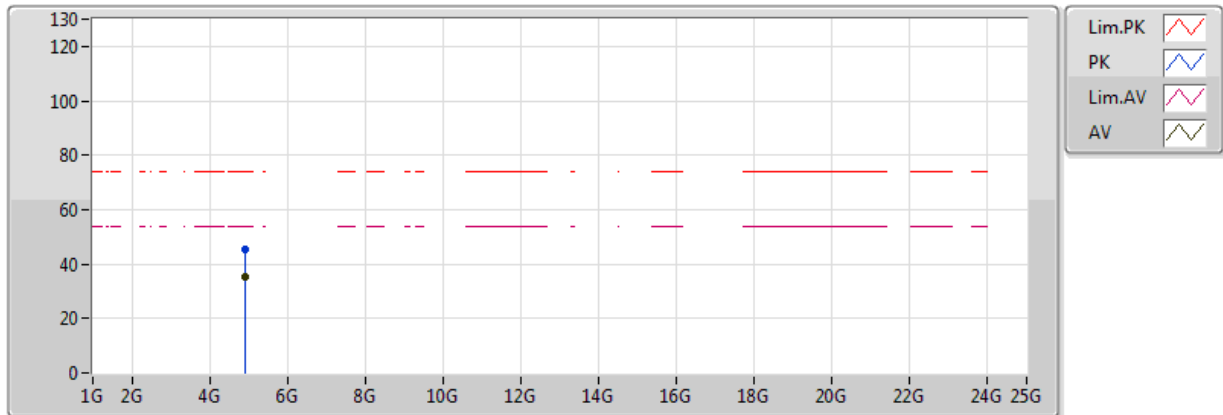


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4554G	97.05	Inf	-Inf	33.19	3	Vertical	290	2.39	-	63.85	27.38	5.81	-
AV	2.4836G	52.28	54.00	-1.72	33.30	3	Vertical	290	2.39	-	18.98	27.46	5.84	-
PK	2.4652G	104.30	Inf	-Inf	33.23	3	Vertical	290	2.39	-	71.08	27.41	5.82	-
PK	2.4836G	64.00	74.00	-10.00	33.30	3	Vertical	290	2.39	-	30.70	27.46	5.84	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

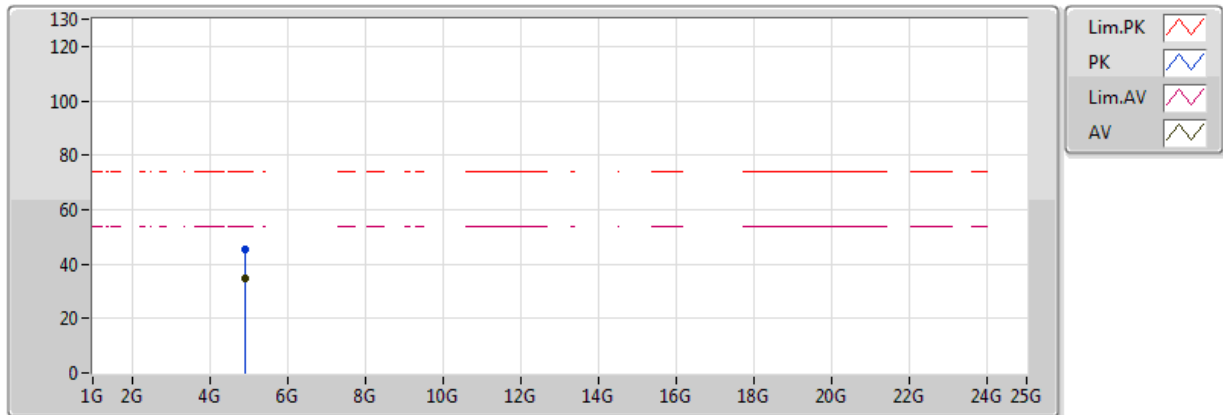


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92394G	35.19	54.00	-18.81	4.40	3	Vertical	0	1.50	-	30.79	31.38	8.23	35.20
PK	4.92748G	45.34	74.00	-28.66	4.41	3	Vertical	0	1.50	-	40.93	31.38	8.23	35.21

802.11g_Nss1,(6Mbps)_1TX(Port2)

2462MHz_TX

28/11/2017

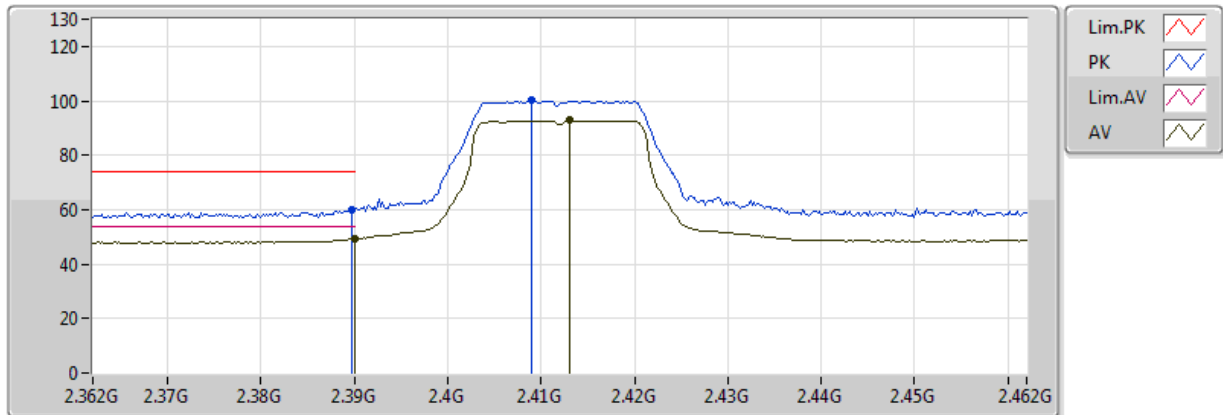


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.93324G	35.00	54.00	-19.00	4.42	3	Horizontal	360	1.50	-	30.58	31.39	8.24	35.21
PK	4.93462G	45.21	74.00	-28.79	4.43	3	Horizontal	360	1.50	-	40.79	31.40	8.24	35.21

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

28/11/2017

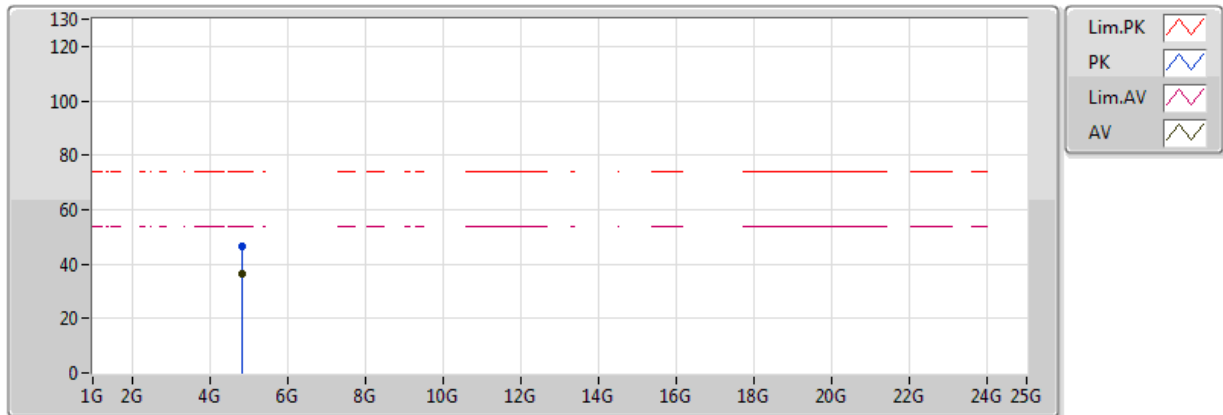


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.48	54.00	-4.52	32.94	3	Vertical	360	1.50	-	16.54	27.21	5.73	-
AV	2.413G	92.74	Inf	-Inf	33.03	3	Vertical	360	1.50	-	59.71	27.27	5.76	-
PK	2.3898G	60.06	74.00	-13.94	32.94	3	Vertical	360	1.50	-	27.12	27.21	5.73	-
PK	2.409G	100.51	Inf	-Inf	33.01	3	Vertical	360	1.50	-	67.50	27.26	5.75	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

28/11/2017

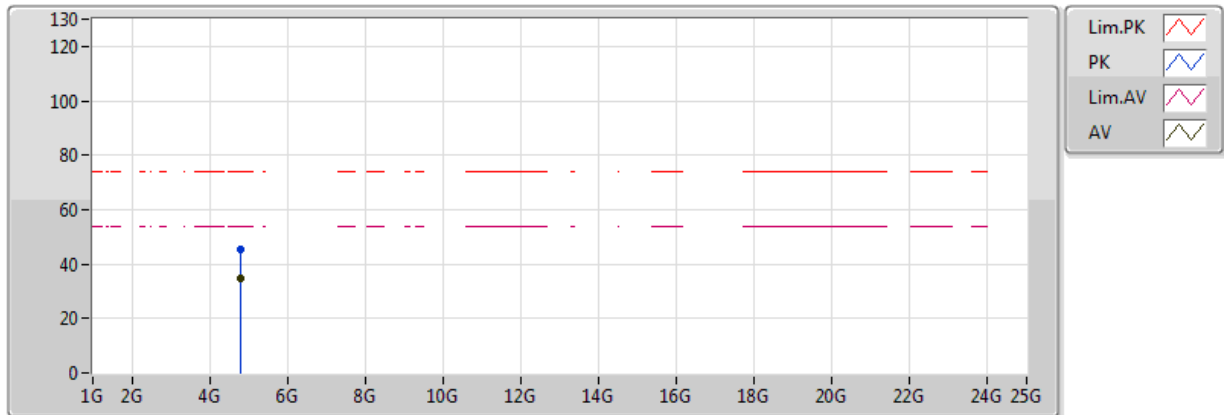


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82408G	36.41	54.00	-17.59	4.15	3	Vertical	0	1.50	-	32.26	31.22	8.11	35.18
PK	4.82198G	46.40	74.00	-27.60	4.14	3	Vertical	0	1.50	-	42.26	31.22	8.11	35.18

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

28/11/2017

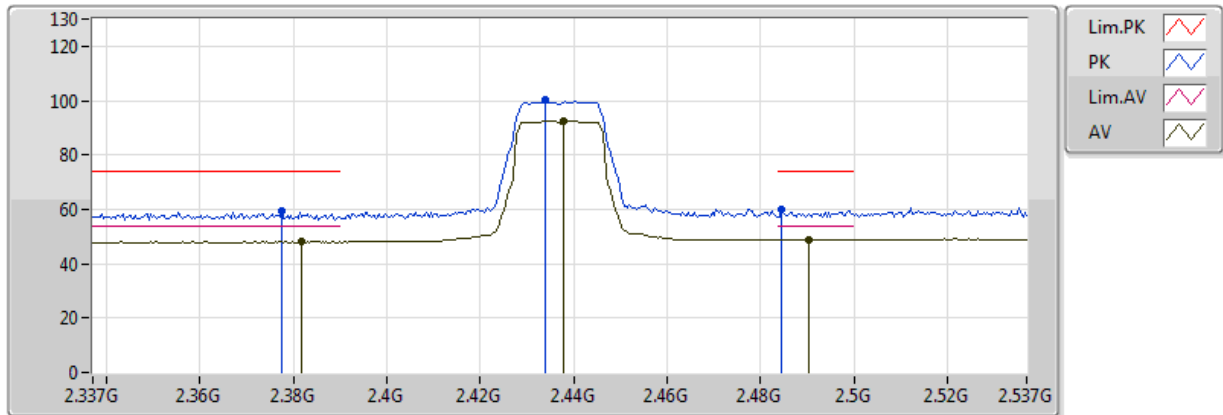


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8105G	34.83	54.00	-19.17	4.12	3	Horizontal	360	1.50	-	30.72	31.20	8.09	35.17
PK	4.80906G	45.17	74.00	-28.83	4.11	3	Horizontal	360	1.50	-	41.06	31.19	8.09	35.17

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

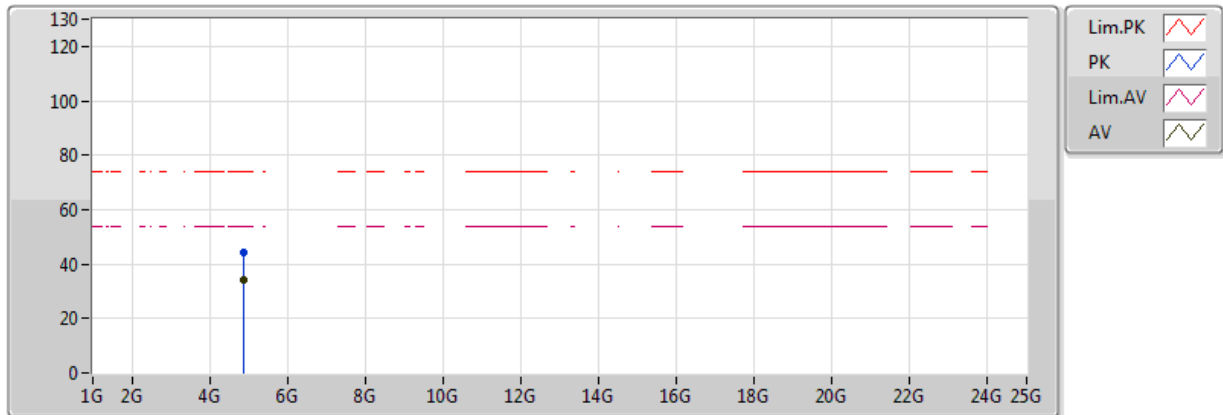


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3818G	48.10	54.00	-5.90	32.91	3	Vertical	360	1.50	-	15.18	27.19	5.72	-
AV	2.4378G	92.54	Inf	-Inf	33.12	3	Vertical	360	1.50	-	59.42	27.34	5.79	-
AV	2.4902G	48.97	54.00	-5.03	33.32	3	Vertical	360	1.50	-	15.65	27.47	5.85	-
PK	2.3774G	59.15	74.00	-14.85	32.90	3	Vertical	360	1.50	-	26.25	27.18	5.72	-
PK	2.4338G	100.33	Inf	-Inf	33.11	3	Vertical	360	1.50	-	67.22	27.33	5.78	-
PK	2.4846G	59.97	74.00	-14.03	33.30	3	Vertical	360	1.50	-	26.66	27.46	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

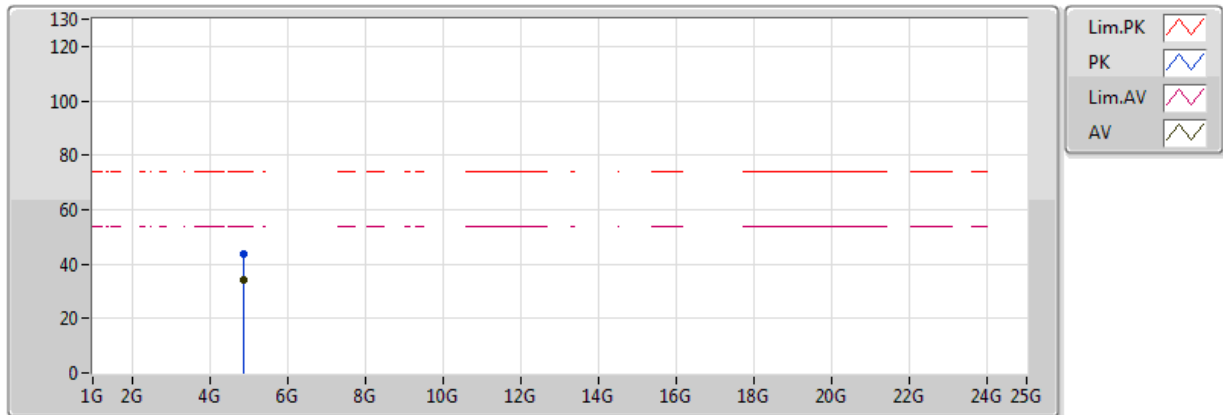


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88304G	34.07	54.00	-19.93	4.30	3	Vertical	0	1.50	-	29.78	31.31	8.18	35.19
PK	4.88392G	44.36	74.00	-29.64	4.30	3	Vertical	0	1.50	-	40.06	31.31	8.18	35.20

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

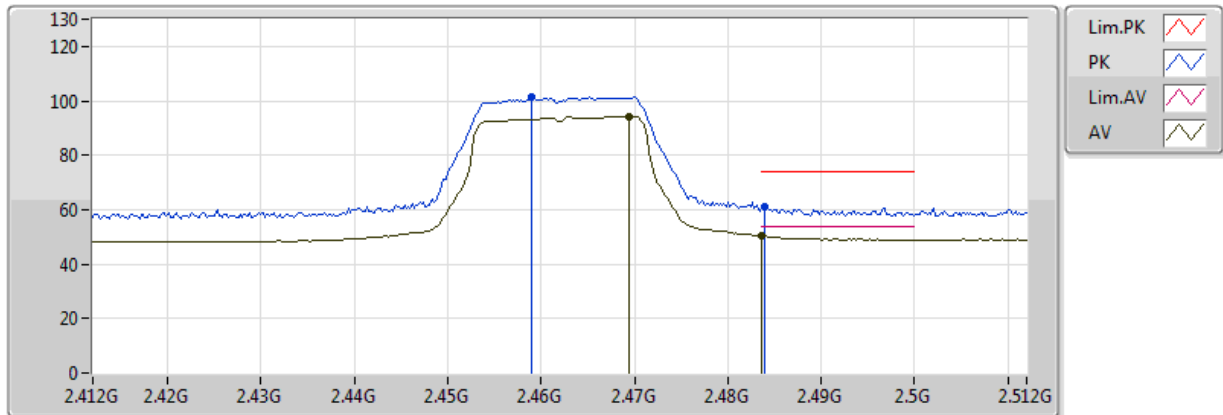


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.88304G	33.94	54.00	-20.06	4.30	3	Horizontal	360	1.50	-	29.64	31.31	8.18	35.19
PK	4.8772G	43.98	74.00	-30.02	4.28	3	Horizontal	360	1.50	-	39.70	31.30	8.17	35.19

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

28/11/2017

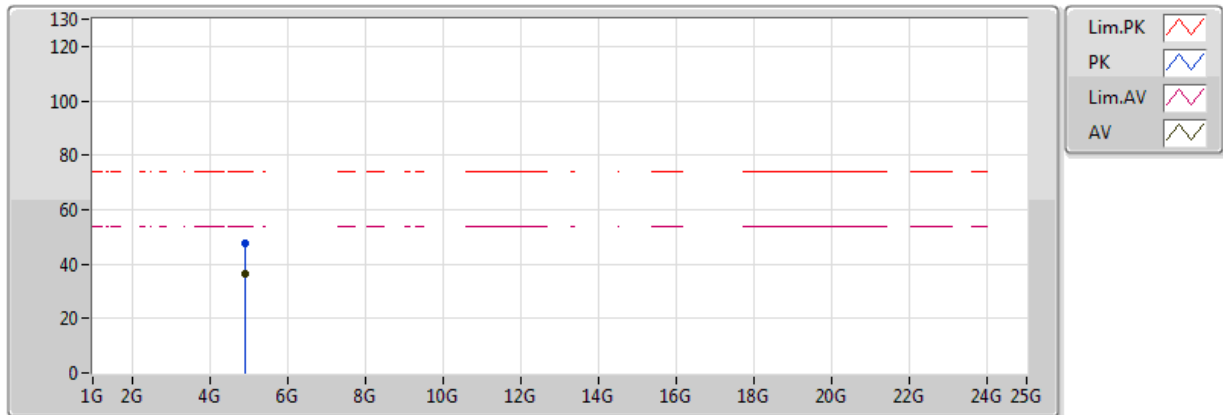


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4694G	94.19	Inf	-Inf	33.24	3	Vertical	108	3.69	-	60.95	27.42	5.82	-
AV	2.4836G	50.29	54.00	-3.71	33.30	3	Vertical	108	3.69	-	16.99	27.46	5.84	-
PK	2.459G	101.28	Inf	-Inf	33.20	3	Vertical	108	3.69	-	68.08	27.39	5.81	-
PK	2.484G	60.98	74.00	-13.02	33.30	3	Vertical	108	3.69	-	27.68	27.46	5.84	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

28/11/2017

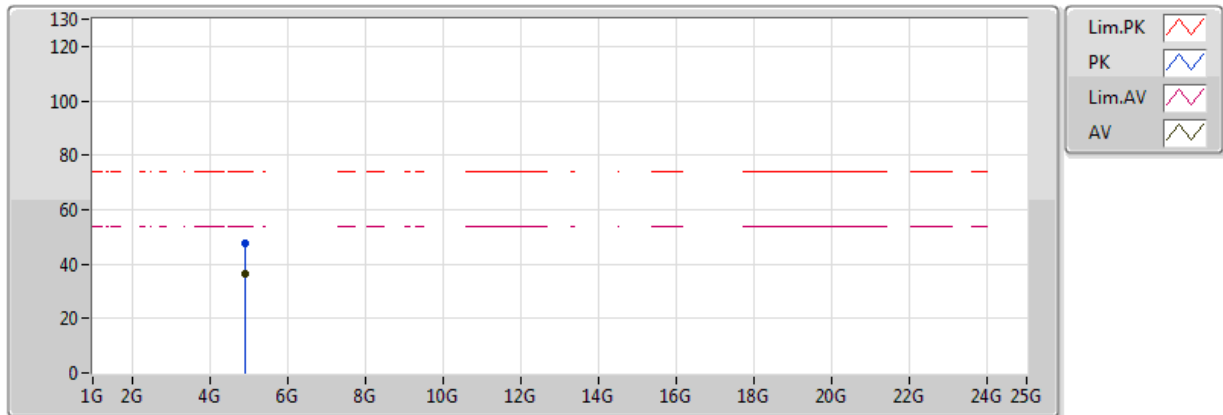


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92376G	36.47	54.00	-17.53	4.40	3	Vertical	0	1.50	-	32.07	31.38	8.23	35.20
PK	4.92928G	47.88	74.00	-26.12	4.41	3	Vertical	0	1.50	-	43.46	31.39	8.23	35.21

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

28/11/2017

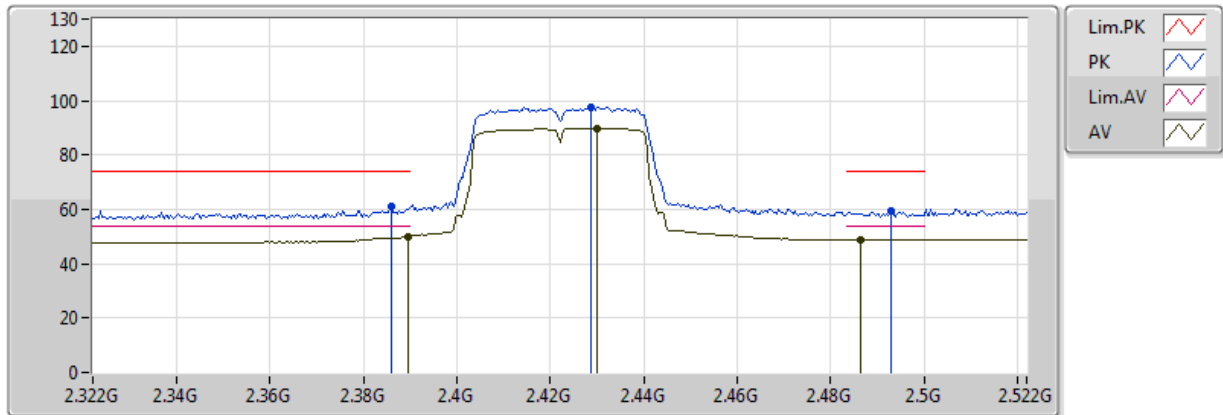


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92956G	36.37	54.00	-17.63	4.41	3	Horizontal	360	1.50	-	31.96	31.39	8.23	35.21
PK	4.92324G	47.76	74.00	-26.24	4.40	3	Horizontal	360	1.50	-	43.37	31.38	8.23	35.20

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/11/2017

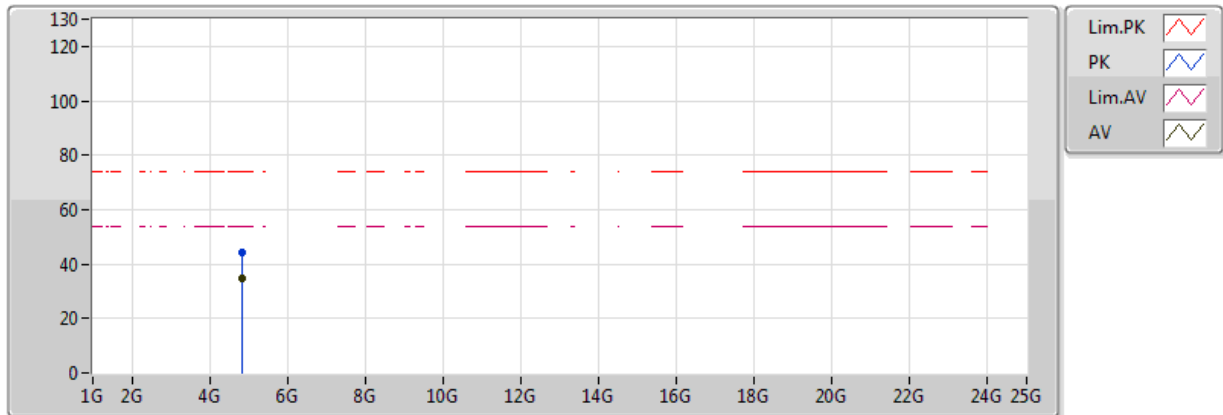


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	50.14	54.00	-3.86	32.94	3	Vertical	2	1.50	-	17.20	27.21	5.73	-
AV	2.43G	89.92	Inf	-Inf	33.09	3	Vertical	2	1.50	-	56.82	27.32	5.78	-
AV	2.4864G	48.99	54.00	-5.01	33.31	3	Vertical	2	1.50	-	15.68	27.46	5.84	-
PK	2.386G	61.34	74.00	-12.66	32.93	3	Vertical	2	1.50	-	28.41	27.20	5.72	-
PK	2.4288G	97.72	Inf	-Inf	33.09	3	Vertical	2	1.50	-	64.63	27.31	5.77	-
PK	2.4928G	59.46	74.00	-14.54	33.33	3	Vertical	2	1.50	-	26.13	27.48	5.85	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/11/2017

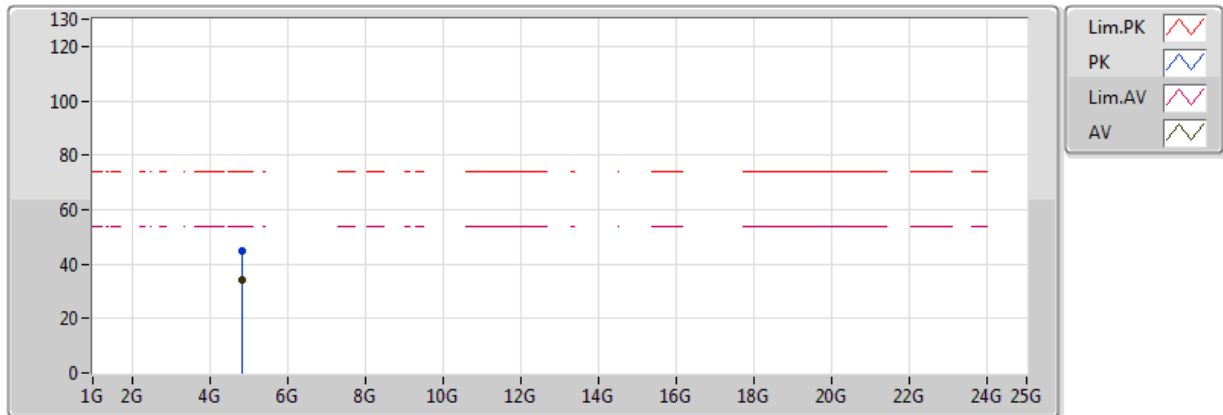


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84388G	34.87	54.00	-19.13	4.20	3	Vertical	0	1.50	-	30.67	31.25	8.13	35.18
PK	4.8442G	44.40	74.00	-29.60	4.20	3	Vertical	0	1.50	-	40.19	31.25	8.13	35.18

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/11/2017

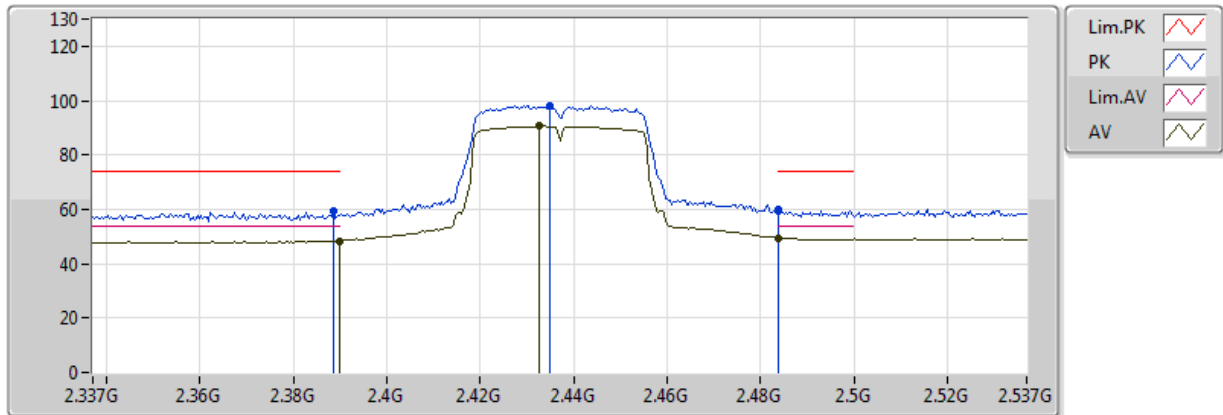


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.83556G	33.93	54.00	-20.07	4.18	3	Horizontal	360	1.50	-	29.75	31.24	8.12	35.18
PK	4.83524G	45.06	74.00	-28.94	4.18	3	Horizontal	360	1.50	-	40.88	31.24	8.12	35.18

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

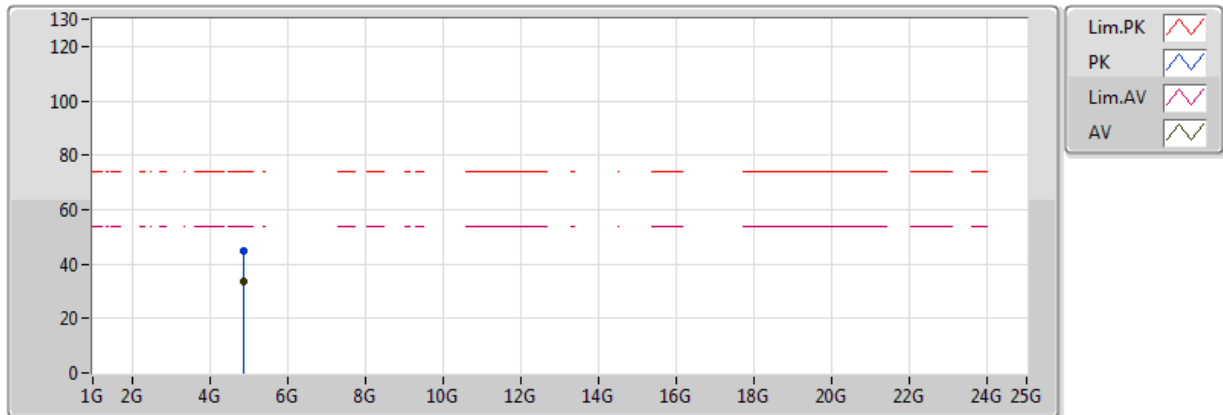


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.42	54.00	-5.58	32.94	3	Vertical	62	1.02	-	15.48	27.21	5.73	-
AV	2.4326G	90.51	Inf	-Inf	33.10	3	Vertical	62	1.02	-	57.41	27.32	5.78	-
AV	2.4838G	49.51	54.00	-4.49	33.30	3	Vertical	62	1.02	-	16.21	27.46	5.84	-
PK	2.3886G	59.25	74.00	-14.75	32.94	3	Vertical	62	1.02	-	26.31	27.21	5.73	-
PK	2.435G	98.10	Inf	-Inf	33.11	3	Vertical	62	1.02	-	64.98	27.33	5.78	-
PK	2.4838G	59.98	74.00	-14.02	33.30	3	Vertical	62	1.02	-	26.69	27.46	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

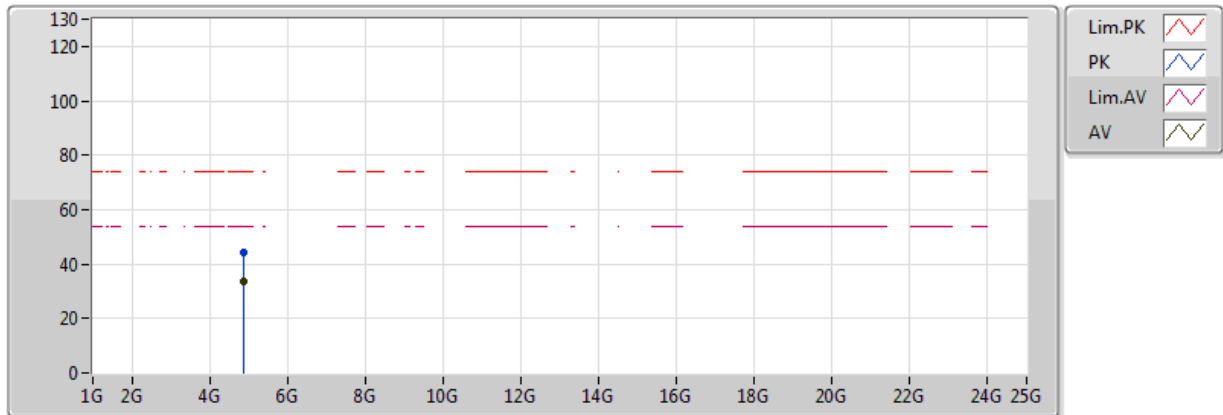


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88576G	33.90	54.00	-20.10	4.30	3	Vertical	360	1.50	-	29.59	31.32	8.18	35.20
PK	4.88786G	44.55	74.00	-29.45	4.31	3	Vertical	360	1.50	-	40.24	31.32	8.19	35.20

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/11/2017

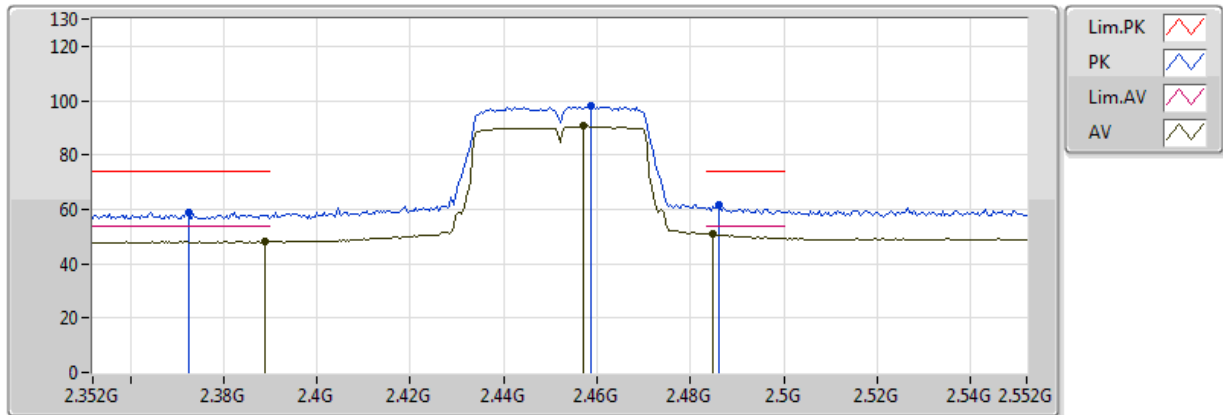


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88756G	33.81	54.00	-20.19	4.31	3	Horizontal	0	1.50	-	29.50	31.32	8.19	35.20
PK	4.87742G	43.99	74.00	-30.01	4.28	3	Horizontal	0	1.50	-	39.71	31.30	8.17	35.19

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/11/2017

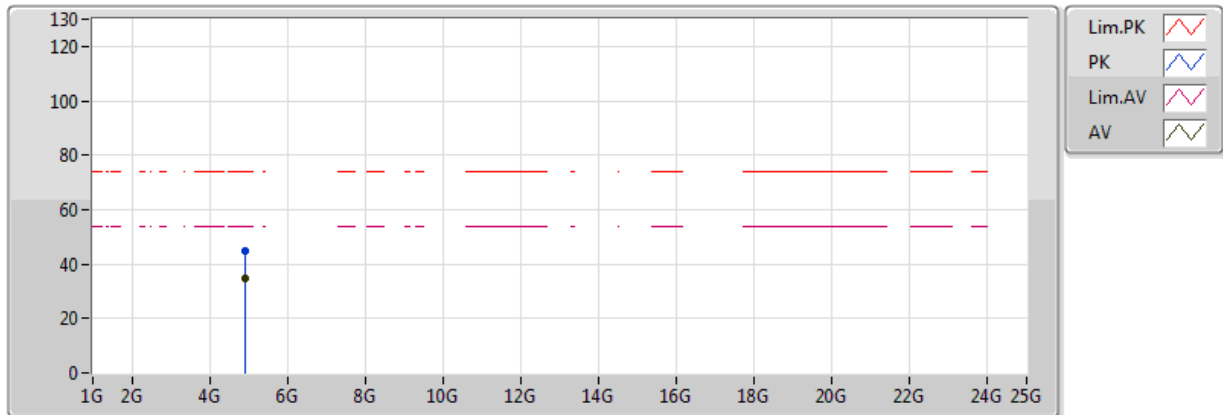


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	48.10	54.00	-5.90	32.94	3	Vertical	0	1.50	-	15.16	27.21	5.73	-
AV	2.4572G	90.53	Inf	-Inf	33.20	3	Vertical	0	1.50	-	57.34	27.39	5.81	-
AV	2.4848G	50.89	54.00	-3.11	33.30	3	Vertical	0	1.50	-	17.59	27.46	5.84	-
PK	2.3724G	58.78	74.00	-15.22	32.88	3	Vertical	0	1.50	-	25.90	27.17	5.71	-
PK	2.4588G	98.26	Inf	-Inf	33.20	3	Vertical	0	1.50	-	65.06	27.39	5.81	-
PK	2.486G	61.39	74.00	-12.61	33.31	3	Vertical	0	1.50	-	28.08	27.46	5.84	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/11/2017

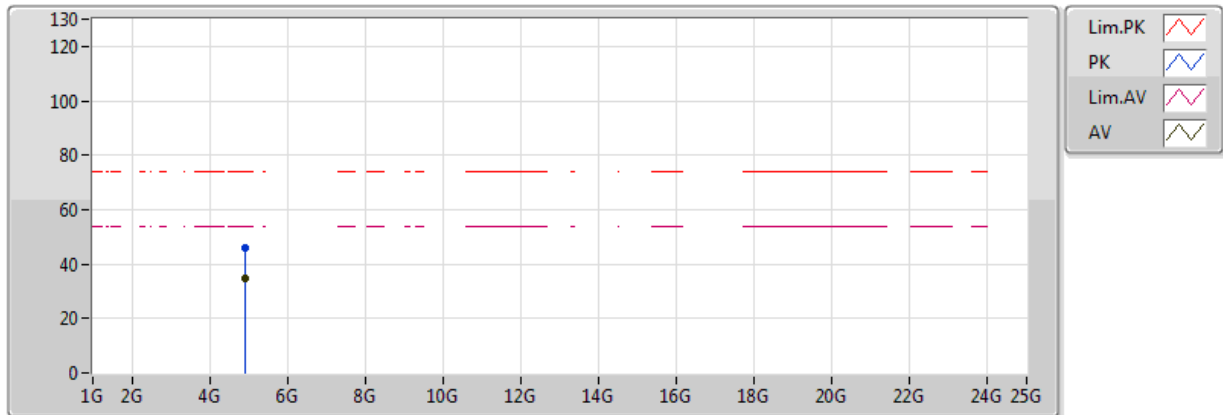


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92328G	34.71	54.00	-19.29	4.40	3	Vertical	0	1.50	-	30.31	31.38	8.23	35.20
PK	4.91592G	45.10	74.00	-28.90	4.38	3	Vertical	0	1.50	-	40.72	31.37	8.22	35.20

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/11/2017



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91894G	34.72	54.00	-19.28	4.39	3	Horizontal	360	1.50	-	30.33	31.37	8.22	35.20
PK	4.89746G	45.74	74.00	-28.26	4.33	3	Horizontal	360	1.50	-	41.40	31.34	8.20	35.20