

FCC Test Report

Equipment : 802.11abgn Wireless USB Module
Brand Name : SparkLAN
Model No. : WUBR-507N(M); WUBR-507N(MU)
FCC ID : RYK-WUBR507N
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5725 MHz – 5850 MHz
Applicant / Manufacturer : SparkLAN Communications, Inc.
8F., No.257, Sec. 2, Tiding Blvd., Neihu District, Taipei
City 11493, Taiwan
Function : Outdoor; Indoor; Fixed P2P
 Client

This report was evaluated for permissive change. The product sample received on Dec. 22, 2017 and completely tested on Dec. 29, 2017. 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
SPORTON INTERNATIONAL INC.





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PHOTOGRAPHS OF EUT V01



Summary of Test Result

Conformance Test Specifications			
Report Clause	Ref. Std. Clause	Description	Result
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.1	15.407(b)	Unwanted Emissions	Complied

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 1)
5.725-5.85GHz	802.11a	20	1TX(Port 1)
5.15-5.25GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40	40	2TX

Note:

- 11a, 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	-	-	PCB	U.FL connector	3.27

Note: 1: 802.11a only includes 1TX and Port1 for emission.

Note: 2: 802.11n used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

Note: 3: Antenna was provided by customer.



1.1.3 EUT Information

Identify EUT			
EUT Power Type	From system		
Beamforming Function	<input type="checkbox"/> With beamforming	<input checked="" type="checkbox"/> Without beamforming	
Type of EUT			
<input checked="" type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:	...	
<input type="checkbox"/>	Other:		

1.1.4 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR210523-02AN

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

Band	Modifications	Performance Checking
Band 1	1. Update ANSI C63.10-2013 2. Add PCB Type	AC Conduction and Spurious Emission were evaluated
Band 4	1. Add PCB Type	



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 789033 D02 v02r01

1.3 Testing Location Information

Testing Location		
<input checked="" type="checkbox"/>	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.		
<input type="checkbox"/>	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
Radiated	03CH09-HY	Eric	21.5°C / 55%	29/Dec/2017
AC Conduction	CO04-HY	Thor	24.5°C / 45%	27/Dec/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
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%

2 Test Configuration of EUT

2.1 The Worst Case Measurement Configuration

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

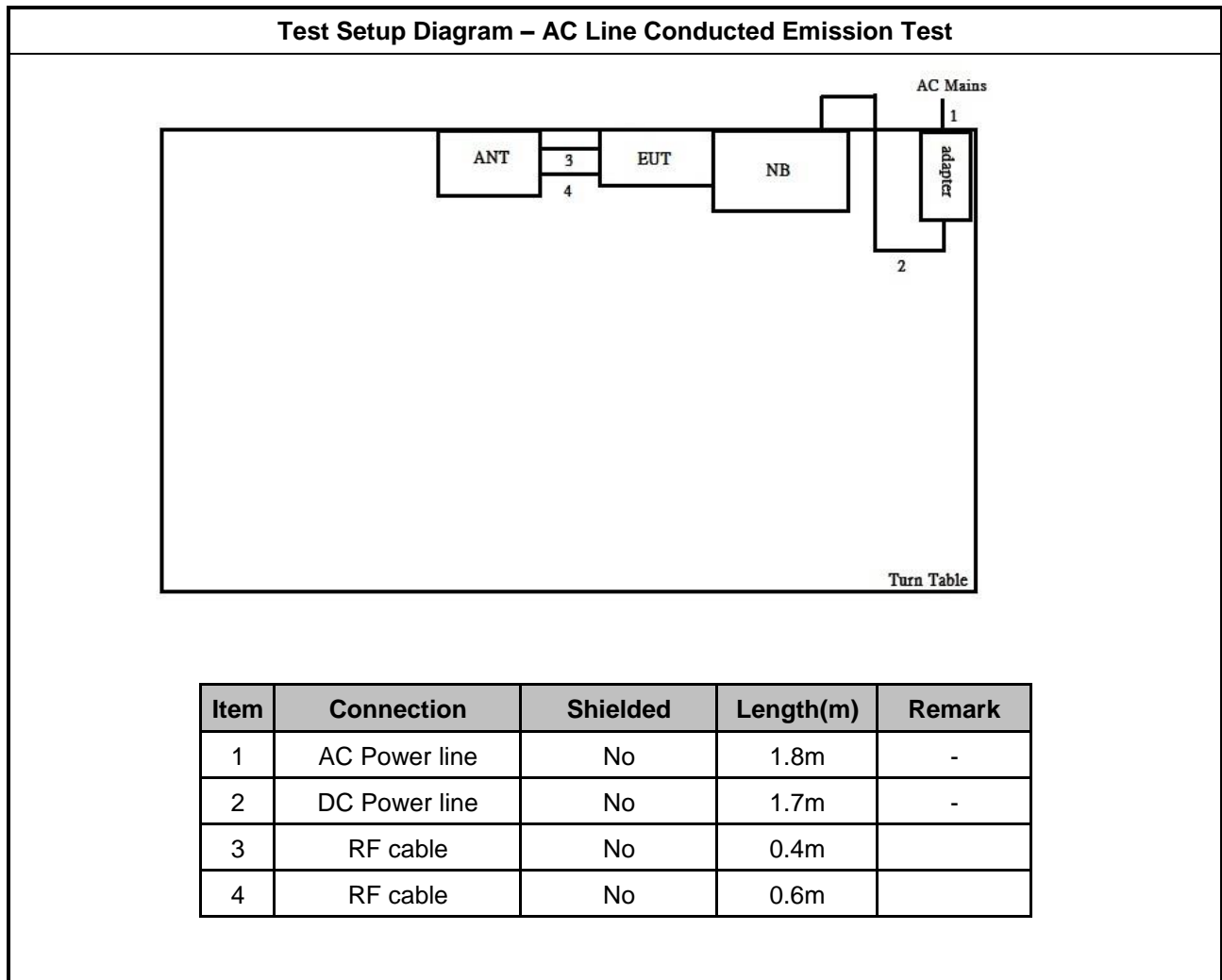
The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest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

2.2 Support Equipment

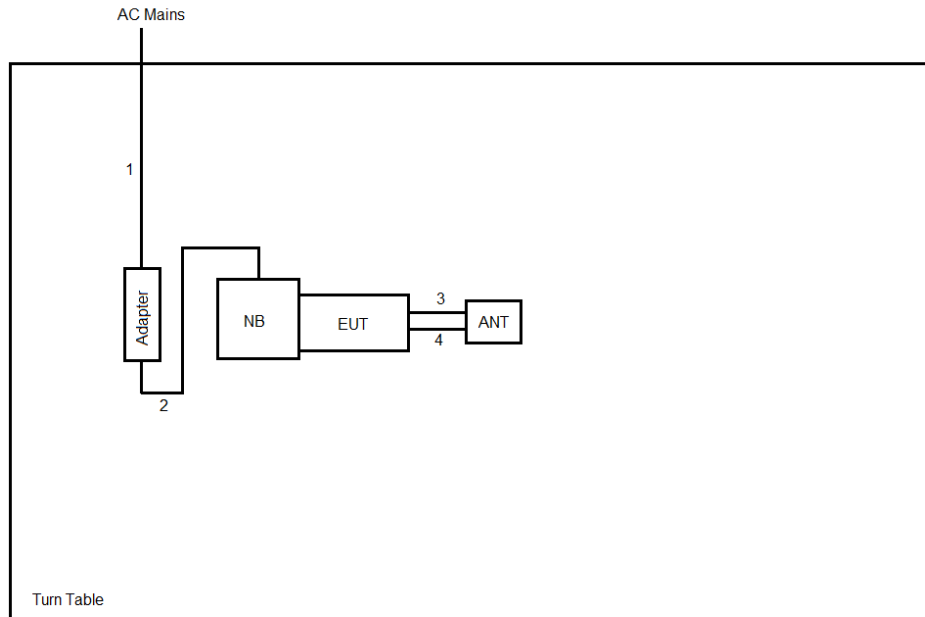
Support Equipment – Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5430	DOC
2	Adapter for NB	DELL	LA65NS2-01	N/A

Support Equipment – AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5430	DOC
2	Adapter for NB	DELL	LA65NS2-01	N/A

2.3 Test Setup Diagram



Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8m	-
2	DC Power line	No	1.0m	-
3	RF cable	No	0.4m	
4	RF cable	No	0.6m	

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.

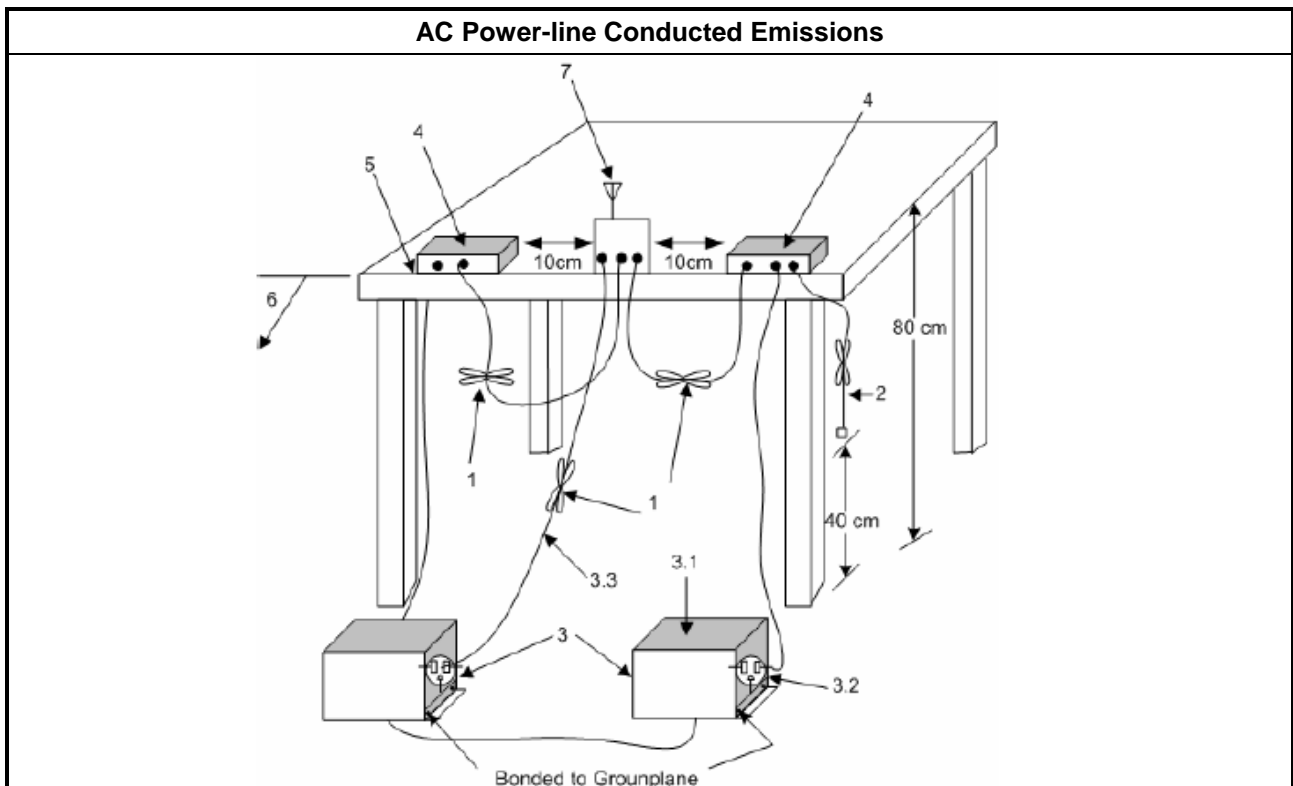
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> 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 Unwanted Emissions

3.2.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).



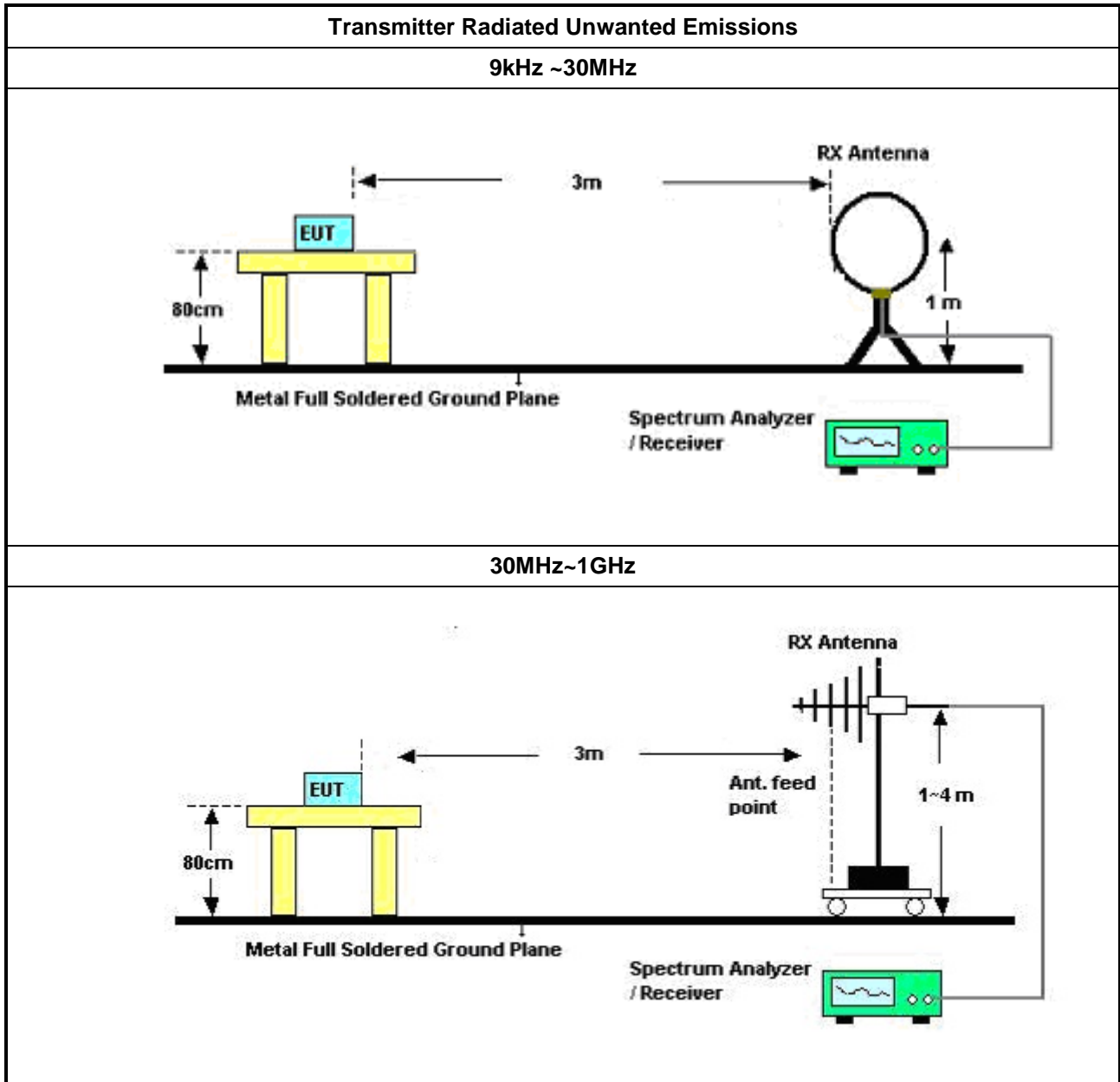
3.2.2 Measuring Instruments

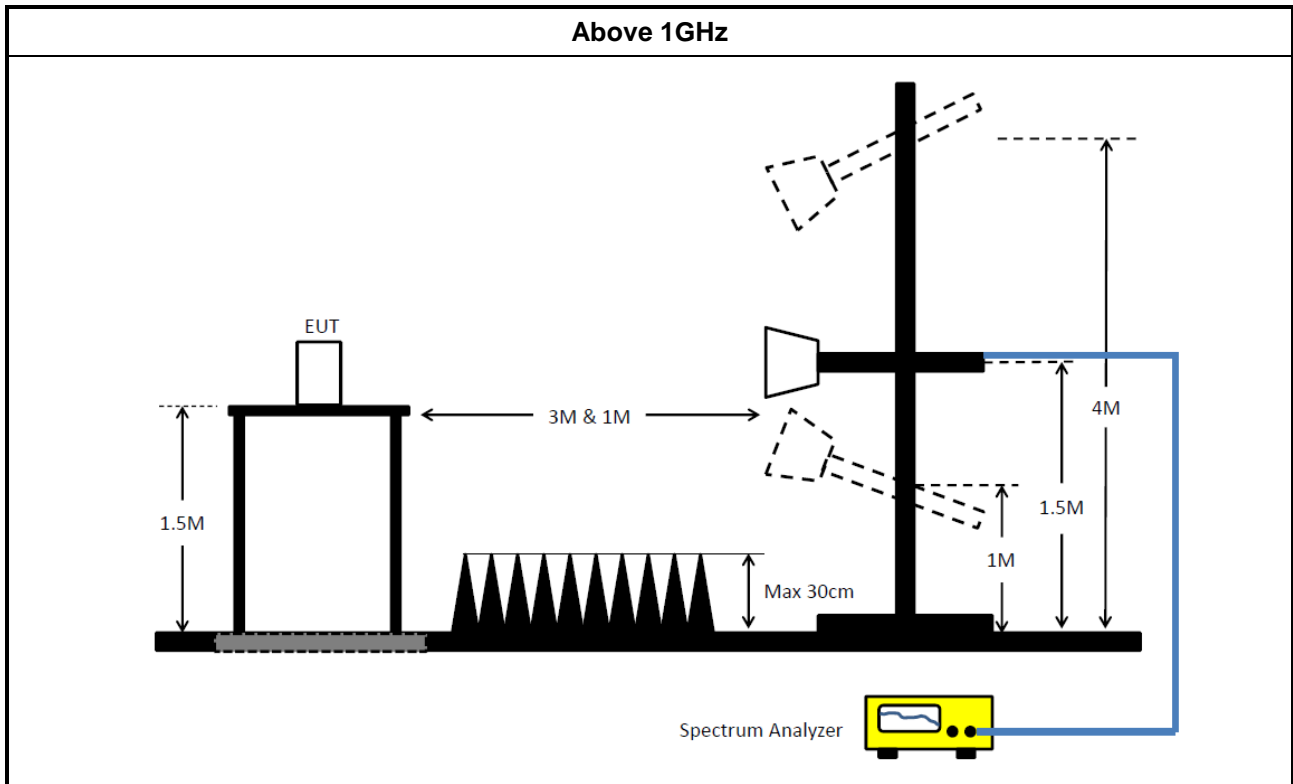
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle \geq 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: <ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands. ▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands. <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW. <input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit. 	
<ul style="list-style-type: none"> ▪ For radiated measurement. <ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. 	
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

3.2.4 Test Setup





3.2.5 Transmitter Unwanted Emissions (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 Transmitter Unwanted Emissions

Refer as Appendix B



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	0761183202000 1	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018

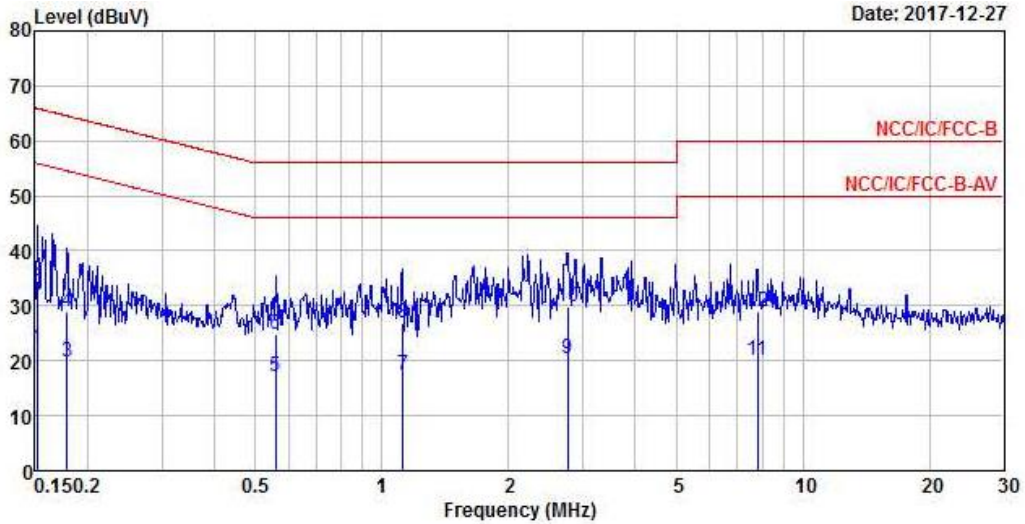
NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	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 -33-8P	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

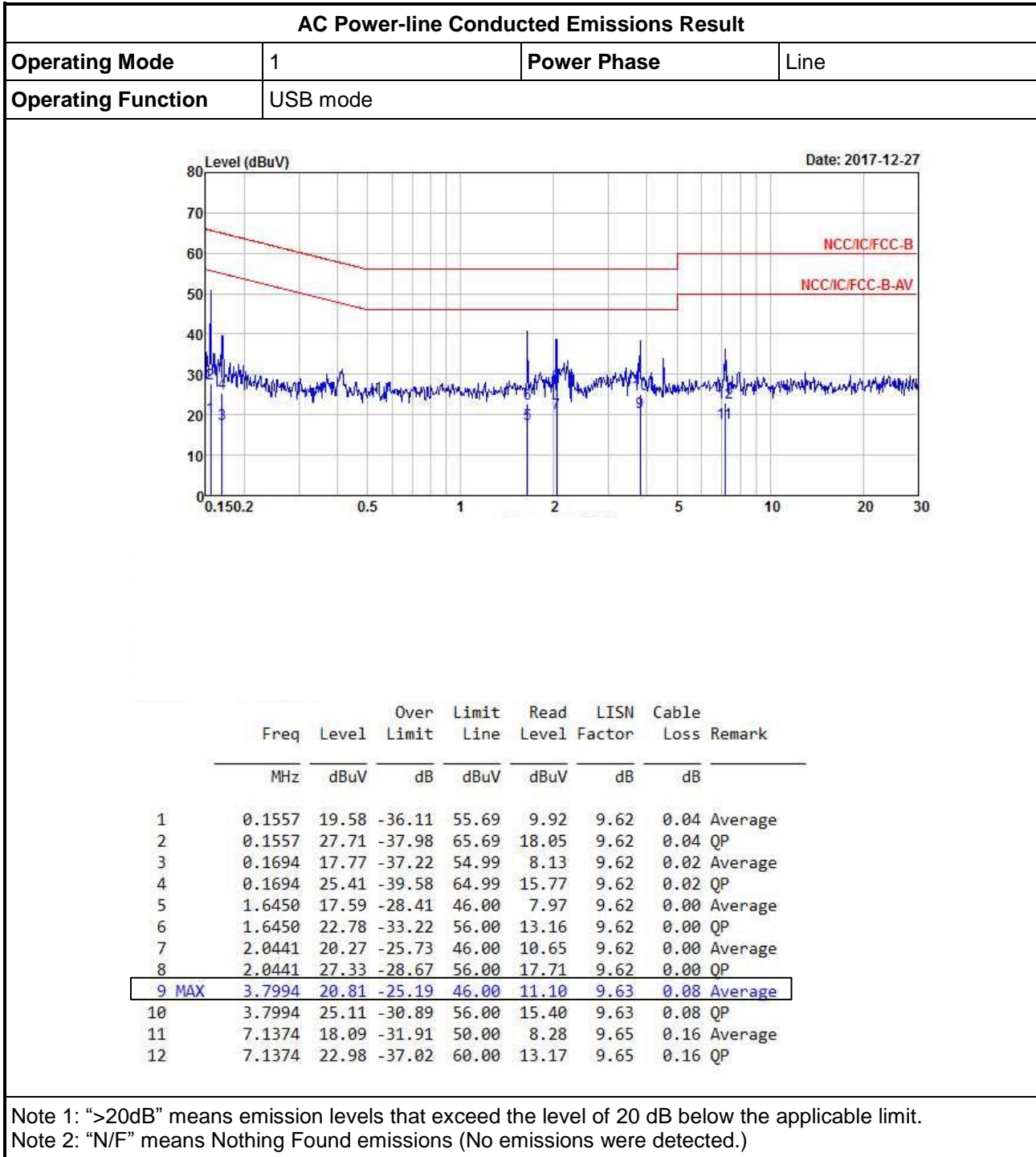
AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	USB mode		



	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.1516	22.20	-33.71	55.91	12.53	9.63	0.04	Average
2	0.1516	34.45	-31.46	65.91	24.78	9.63	0.04	QP
3	0.1787	19.67	-34.88	54.55	10.03	9.62	0.02	Average
4	0.1787	29.01	-35.54	64.55	19.37	9.62	0.02	QP
5	0.5581	17.05	-28.95	46.00	7.38	9.61	0.06	Average
6	0.5581	24.69	-31.31	56.00	15.02	9.61	0.06	QP
7	1.1233	17.27	-28.73	46.00	7.65	9.62	0.00	Average
8	1.1233	26.99	-29.01	56.00	17.37	9.62	0.00	QP
9 MAX	2.7648	20.25	-25.75	46.00	10.58	9.63	0.04	Average
10	2.7648	29.68	-26.32	56.00	20.01	9.63	0.04	QP
11	7.8102	20.14	-29.86	50.00	10.29	9.68	0.17	Average
12	7.8102	28.87	-31.13	60.00	19.02	9.68	0.17	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	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	PK	165.8M	39.88	43.50	-3.62	-19.23	3	Horizontal	0	1.00	-



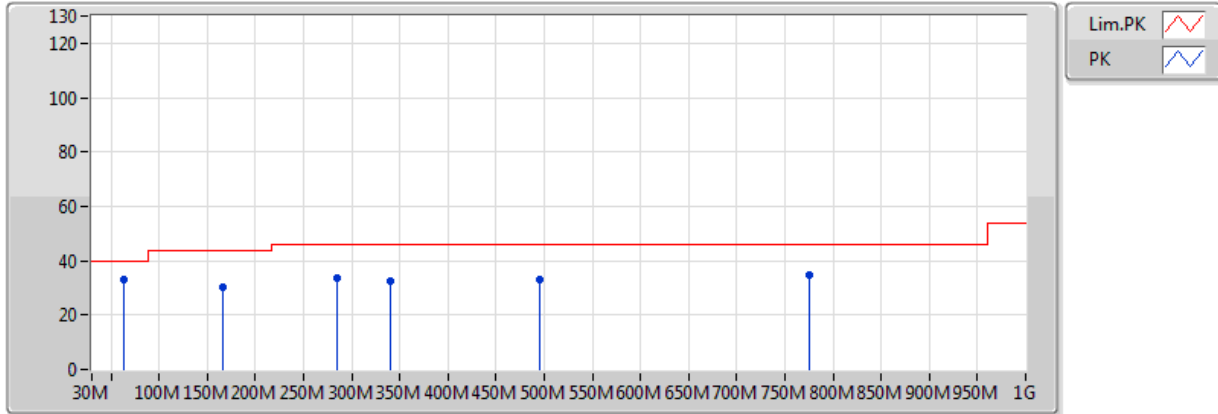
Result

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	-	-	-	-	-	-	-	-	-	-	-	-
5795MHz	Pass	PK	97.9M	35.36	43.50	-8.14	-20.34	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	165.8M	39.88	43.50	-3.62	-19.23	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	274.44M	36.65	46.00	-9.35	-15.23	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	315.18M	37.13	46.00	-8.87	-14.87	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	480.08M	31.51	46.00	-14.49	-10.18	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	773.02M	35.72	46.00	-10.28	-5.40	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	62.98M	32.91	40.00	-7.09	-24.76	3	Vertical	360	1.00	-
5795MHz	Pass	PK	165.8M	30.30	43.50	-13.20	-19.23	3	Vertical	360	1.00	-
5795MHz	Pass	PK	284.14M	33.63	46.00	-12.37	-15.49	3	Vertical	360	1.00	-
5795MHz	Pass	PK	340.4M	32.58	46.00	-13.42	-14.09	3	Vertical	360	1.00	-
5795MHz	Pass	PK	495.6M	33.30	46.00	-12.70	-9.85	3	Vertical	360	1.00	-
5795MHz	Pass	PK	774.96M	34.55	46.00	-11.45	-5.37	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_USB mode

29/12/2017

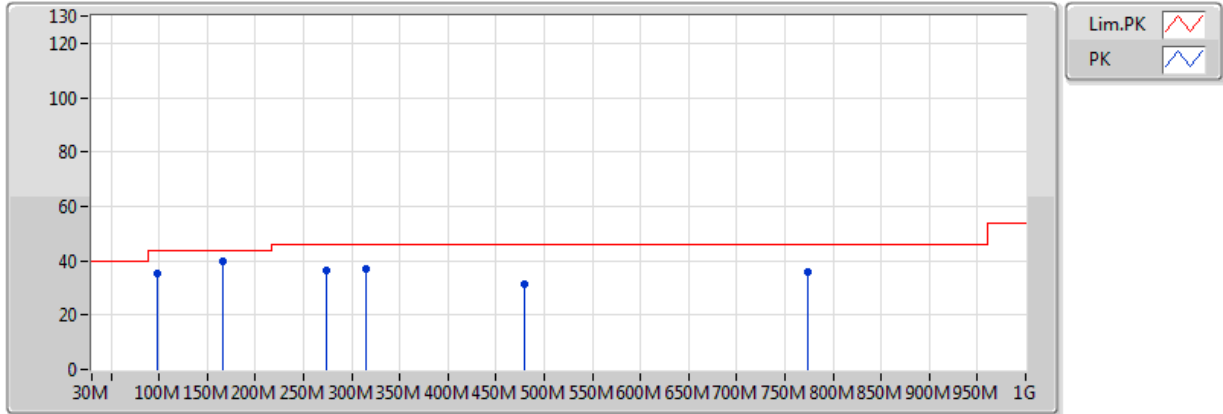


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	62.98M	32.91	40.00	-7.09	-24.76	3	Vertical	360	1.00	-	57.67	11.02	1.28	37.06
PK	165.8M	30.30	43.50	-13.20	-19.23	3	Vertical	360	1.00	-	49.53	15.18	2.12	36.53
PK	284.14M	33.63	46.00	-12.37	-15.49	3	Vertical	360	1.00	-	49.12	18.09	2.85	36.43
PK	340.4M	32.58	46.00	-13.42	-14.09	3	Vertical	360	1.00	-	46.67	19.34	3.08	36.51
PK	495.6M	33.30	46.00	-12.70	-9.85	3	Vertical	360	1.00	-	43.15	23.16	3.90	36.91
PK	774.96M	34.55	46.00	-11.45	-5.37	3	Vertical	360	1.00	-	39.92	27.34	4.73	37.44

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_USB mode

29/12/2017



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	97.9M	35.36	43.50	-8.14	-20.34	3	Horizontal	0	1.00	-	55.70	14.88	1.59	36.81
PK	165.8M	39.88	43.50	-3.62	-19.23	3	Horizontal	0	1.00	-	59.11	15.18	2.12	36.53
PK	274.44M	36.65	46.00	-9.35	-15.23	3	Horizontal	0	1.00	-	51.88	18.43	2.77	36.42
PK	315.18M	37.13	46.00	-8.87	-14.87	3	Horizontal	0	1.00	-	52.00	18.58	3.02	36.47
PK	480.08M	31.51	46.00	-14.49	-10.18	3	Horizontal	0	1.00	-	41.69	22.90	3.78	36.86
PK	773.02M	35.72	46.00	-10.28	-5.40	3	Horizontal	0	1.00	-	41.12	27.33	4.71	37.44



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.60798G	48.59	54.00	-5.41	16.92	3	Horizontal	279	1.04	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	15.60852G	48.54	54.00	-5.46	16.91	3	Horizontal	251	1.62	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	15.5736G	48.58	54.00	-5.42	17.04	3	Vertical	353	1.50	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.56844G	47.12	54.00	-6.88	15.84	3	Horizontal	192	3.62	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	11.4849G	47.88	54.00	-6.12	15.95	3	Horizontal	182	1.00	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	11.5058G	47.01	54.00	-6.99	15.92	3	Horizontal	164	3.18	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1444G	48.10	54.00	-5.90	4.78	3	Horizontal	81	3.49	-
5180MHz	Pass	AV	5.1786G	88.38	Inf	-Inf	4.83	3	Horizontal	81	3.49	-
5180MHz	Pass	PK	5.1356G	58.74	74.00	-15.26	4.77	3	Horizontal	81	3.49	-
5180MHz	Pass	PK	5.1756G	95.54	Inf	-Inf	4.83	3	Horizontal	81	3.49	-
5180MHz	Pass	AV	5.1348G	47.97	54.00	-6.03	4.77	3	Vertical	189	1.02	-
5180MHz	Pass	AV	5.1826G	81.50	Inf	-Inf	4.84	3	Vertical	189	1.02	-
5180MHz	Pass	PK	5.1406G	58.65	74.00	-15.35	4.78	3	Vertical	189	1.02	-
5180MHz	Pass	PK	5.1838G	89.06	Inf	-Inf	4.84	3	Vertical	189	1.02	-
5180MHz	Pass	AV	15.5454G	48.45	54.00	-5.55	17.13	3	Horizontal	0	1.50	-
5180MHz	Pass	PK	15.5454G	59.42	74.00	-14.58	17.13	3	Horizontal	0	1.50	-
5180MHz	Pass	AV	15.54288G	48.47	54.00	-5.53	17.14	3	Vertical	360	1.50	-
5180MHz	Pass	PK	15.53436G	58.97	74.00	-15.03	17.17	3	Vertical	360	1.50	-
5200MHz	Pass	AV	5.1476G	48.44	54.00	-5.56	4.79	3	Horizontal	64	1.01	-
5200MHz	Pass	AV	5.202G	86.55	Inf	-Inf	4.86	3	Horizontal	64	1.01	-
5200MHz	Pass	PK	5.1464G	59.43	74.00	-14.57	4.78	3	Horizontal	64	1.01	-
5200MHz	Pass	PK	5.2036G	94.09	Inf	-Inf	4.86	3	Horizontal	64	1.01	-
5200MHz	Pass	AV	5.1312G	48.01	54.00	-5.99	4.76	3	Vertical	135	1.12	-
5200MHz	Pass	AV	5.1988G	78.80	Inf	-Inf	4.86	3	Vertical	135	1.12	-
5200MHz	Pass	PK	5.1088G	59.15	74.00	-14.85	4.73	3	Vertical	135	1.12	-
5200MHz	Pass	PK	5.2036G	86.12	Inf	-Inf	4.86	3	Vertical	135	1.12	-
5200MHz	Pass	AV	15.60798G	48.59	54.00	-5.41	16.92	3	Horizontal	279	1.04	-
5200MHz	Pass	PK	15.58992G	59.01	74.00	-14.99	16.98	3	Horizontal	279	1.04	-
5200MHz	Pass	AV	15.61032G	48.54	54.00	-5.46	16.91	3	Vertical	313	1.50	-
5200MHz	Pass	PK	15.58614G	59.83	74.00	-14.17	16.99	3	Vertical	313	1.50	-
5240MHz	Pass	AV	5.1002G	48.18	54.00	-5.82	4.72	3	Horizontal	89	3.58	-
5240MHz	Pass	AV	5.237G	87.81	Inf	-Inf	4.91	3	Horizontal	89	3.58	-
5240MHz	Pass	AV	5.372G	47.59	54.00	-6.41	5.09	3	Horizontal	89	3.58	-
5240MHz	Pass	PK	5.1212G	58.95	74.00	-15.05	4.75	3	Horizontal	89	3.58	-
5240MHz	Pass	PK	5.2358G	95.08	Inf	-Inf	4.91	3	Horizontal	89	3.58	-
5240MHz	Pass	PK	5.3552G	58.38	74.00	-15.62	5.07	3	Horizontal	89	3.58	-
5240MHz	Pass	AV	5.1014G	48.13	54.00	-5.87	4.72	3	Vertical	187	1.00	-
5240MHz	Pass	AV	5.2382G	79.85	Inf	-Inf	4.91	3	Vertical	187	1.00	-
5240MHz	Pass	AV	5.3702G	47.61	54.00	-6.39	5.09	3	Vertical	187	1.00	-
5240MHz	Pass	PK	5.1176G	59.05	74.00	-14.95	4.74	3	Vertical	187	1.00	-
5240MHz	Pass	PK	5.2358G	87.15	Inf	-Inf	4.91	3	Vertical	187	1.00	-
5240MHz	Pass	PK	5.3672G	58.28	74.00	-15.72	5.08	3	Vertical	187	1.00	-
5240MHz	Pass	AV	15.71124G	48.27	54.00	-5.73	16.56	3	Horizontal	18	1.50	-
5240MHz	Pass	PK	15.71328G	58.40	74.00	-15.60	16.55	3	Horizontal	18	1.50	-
5240MHz	Pass	AV	15.70572G	48.19	54.00	-5.81	16.58	3	Vertical	262	1.43	-
5240MHz	Pass	PK	15.7212G	58.36	74.00	-15.64	16.52	3	Vertical	262	1.43	-
5745MHz	Pass	AV	5.7438G	90.12	Inf	-Inf	5.88	3	Horizontal	173	3.69	-
5745MHz	Pass	PK	5.6094G	58.21	68.20	-9.99	5.53	3	Horizontal	173	3.69	-
5745MHz	Pass	PK	5.7438G	96.32	Inf	-Inf	5.88	3	Horizontal	173	3.69	-
5745MHz	Pass	PK	5.9466G	58.67	68.20	-9.53	6.40	3	Horizontal	173	3.69	-
5745MHz	Pass	AV	5.7438G	84.41	Inf	-Inf	5.88	3	Vertical	189	3.69	-
5745MHz	Pass	PK	5.595G	60.00	68.20	-8.20	5.50	3	Vertical	189	3.69	-
5745MHz	Pass	PK	5.7486G	91.71	Inf	-Inf	5.89	3	Vertical	189	3.69	-



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
5745MHz	Pass	PK	5.9778G	60.22	68.20	-7.98	6.47	3	Vertical	189	3.69	-
5745MHz	Pass	AV	11.47914G	46.65	54.00	-7.35	15.96	3	Horizontal	120	1.50	-
5745MHz	Pass	PK	11.50146G	57.22	74.00	-16.78	15.93	3	Horizontal	120	1.50	-
5745MHz	Pass	AV	11.4852G	46.70	54.00	-7.30	15.95	3	Vertical	16	2.13	-
5745MHz	Pass	PK	11.48316G	57.88	74.00	-16.12	15.95	3	Vertical	16	2.13	-
5785MHz	Pass	AV	5.7838G	88.47	Inf	-Inf	5.98	3	Horizontal	169	3.63	-
5785MHz	Pass	PK	5.6158G	59.60	68.20	-8.60	5.55	3	Horizontal	169	3.63	-
5785MHz	Pass	PK	5.7886G	96.14	Inf	-Inf	5.99	3	Horizontal	169	3.63	-
5785MHz	Pass	PK	5.983G	60.05	68.20	-8.15	6.49	3	Horizontal	169	3.63	-
5785MHz	Pass	AV	5.7838G	82.77	Inf	-Inf	5.98	3	Vertical	182	3.66	-
5785MHz	Pass	PK	5.5666G	59.66	68.20	-8.54	5.43	3	Vertical	182	3.66	-
5785MHz	Pass	PK	5.7886G	90.56	Inf	-Inf	5.99	3	Vertical	182	3.66	-
5785MHz	Pass	PK	5.947G	59.15	68.20	-9.05	6.40	3	Vertical	182	3.66	-
5785MHz	Pass	AV	11.56844G	47.12	54.00	-6.88	15.84	3	Horizontal	192	3.62	-
5785MHz	Pass	PK	11.56694G	57.51	74.00	-16.49	15.84	3	Horizontal	192	3.62	-
5785MHz	Pass	AV	11.5757G	46.30	54.00	-7.70	15.83	3	Vertical	183	1.39	-
5785MHz	Pass	PK	11.56382G	56.95	74.00	-17.05	15.85	3	Vertical	183	1.39	-
5825MHz	Pass	AV	5.8238G	88.62	Inf	-Inf	6.08	3	Horizontal	125	1.02	-
5825MHz	Pass	PK	5.6018G	59.87	68.20	-8.33	5.51	3	Horizontal	125	1.02	-
5825MHz	Pass	PK	5.8286G	95.94	Inf	-Inf	6.09	3	Horizontal	125	1.02	-
5825MHz	Pass	PK	5.9606G	60.20	68.20	-8.00	6.43	3	Horizontal	125	1.02	-
5825MHz	Pass	AV	5.8214G	80.81	Inf	-Inf	6.08	3	Vertical	182	3.60	-
5825MHz	Pass	PK	5.6066G	59.50	68.20	-8.70	5.53	3	Vertical	182	3.60	-
5825MHz	Pass	PK	5.8202G	87.89	Inf	-Inf	6.07	3	Vertical	182	3.60	-
5825MHz	Pass	PK	5.9726G	59.71	68.20	-8.49	6.46	3	Vertical	182	3.60	-
5825MHz	Pass	AV	11.65102G	46.36	54.00	-7.64	15.74	3	Horizontal	170	1.36	-
5825MHz	Pass	PK	11.66098G	57.48	74.00	-16.52	15.72	3	Horizontal	170	1.36	-
5825MHz	Pass	AV	11.65582G	46.45	54.00	-7.55	15.73	3	Vertical	26	1.00	-
5825MHz	Pass	PK	11.65618G	57.06	74.00	-16.94	15.73	3	Vertical	26	1.00	-
802.11n HT20_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1336G	46.72	54.00	-7.28	4.77	3	Horizontal	184	1.00	-
5180MHz	Pass	AV	5.1822G	86.99	Inf	-Inf	4.84	3	Horizontal	184	1.00	-
5180MHz	Pass	PK	5.1332G	57.63	74.00	-16.37	4.77	3	Horizontal	184	1.00	-
5180MHz	Pass	PK	5.1832G	93.79	Inf	-Inf	4.84	3	Horizontal	184	1.00	-
5180MHz	Pass	AV	5.1426G	46.62	54.00	-7.38	4.78	3	Vertical	236	2.75	-
5180MHz	Pass	AV	5.1772G	80.63	Inf	-Inf	4.83	3	Vertical	236	2.75	-
5180MHz	Pass	PK	5.1322G	58.11	74.00	-15.89	4.77	3	Vertical	236	2.75	-
5180MHz	Pass	PK	5.1776G	87.08	Inf	-Inf	4.83	3	Vertical	236	2.75	-
5180MHz	Pass	AV	15.55308G	48.42	54.00	-5.58	17.11	3	Horizontal	317	1.50	-
5180MHz	Pass	PK	15.53328G	59.32	74.00	-14.68	17.17	3	Horizontal	317	1.50	-
5180MHz	Pass	AV	15.54114G	48.47	54.00	-5.53	17.15	3	Vertical	330	1.50	-
5180MHz	Pass	PK	15.5514G	59.67	74.00	-14.33	17.11	3	Vertical	330	1.50	-
5200MHz	Pass	AV	5.148G	46.78	54.00	-7.22	4.79	3	Horizontal	185	1.03	-
5200MHz	Pass	AV	5.202G	87.25	Inf	-Inf	4.86	3	Horizontal	185	1.03	-
5200MHz	Pass	PK	5.1068G	57.28	74.00	-16.72	4.73	3	Horizontal	185	1.03	-
5200MHz	Pass	PK	5.204G	93.92	Inf	-Inf	4.87	3	Horizontal	185	1.03	-
5200MHz	Pass	AV	5.1144G	46.76	54.00	-7.24	4.74	3	Vertical	235	2.95	-
5200MHz	Pass	AV	5.2008G	81.91	Inf	-Inf	4.86	3	Vertical	235	2.95	-
5200MHz	Pass	PK	5.132G	57.28	74.00	-16.72	4.76	3	Vertical	235	2.95	-



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
5200MHz	Pass	PK	5.2032G	88.28	Inf	-Inf	4.86	3	Vertical	235	2.95	-
5200MHz	Pass	AV	15.60852G	48.54	54.00	-5.46	16.91	3	Horizontal	251	1.62	-
5200MHz	Pass	PK	15.61182G	59.47	74.00	-14.53	16.90	3	Horizontal	251	1.62	-
5200MHz	Pass	AV	15.5874G	48.50	54.00	-5.50	16.99	3	Vertical	0	1.18	-
5200MHz	Pass	PK	15.60408G	59.29	74.00	-14.71	16.93	3	Vertical	0	1.18	-
5240MHz	Pass	AV	5.0918G	46.93	54.00	-7.07	4.71	3	Horizontal	188	3.60	-
5240MHz	Pass	AV	5.2406G	89.48	Inf	-Inf	4.91	3	Horizontal	188	3.60	-
5240MHz	Pass	AV	5.387G	46.21	54.00	-7.79	5.11	3	Horizontal	188	3.60	-
5240MHz	Pass	PK	5.0936G	56.87	74.00	-17.13	4.71	3	Horizontal	188	3.60	-
5240MHz	Pass	PK	5.2418G	95.61	Inf	-Inf	4.91	3	Horizontal	188	3.60	-
5240MHz	Pass	PK	5.3792G	55.96	74.00	-18.04	5.10	3	Horizontal	188	3.60	-
5240MHz	Pass	AV	5.0972G	46.85	54.00	-7.15	4.72	3	Vertical	231	3.09	-
5240MHz	Pass	AV	5.2412G	82.84	Inf	-Inf	4.91	3	Vertical	231	3.09	-
5240MHz	Pass	AV	5.3666G	46.26	54.00	-7.74	5.08	3	Vertical	231	3.09	-
5240MHz	Pass	PK	5.0996G	56.54	74.00	-17.46	4.72	3	Vertical	231	3.09	-
5240MHz	Pass	PK	5.2442G	89.30	Inf	-Inf	4.92	3	Vertical	231	3.09	-
5240MHz	Pass	PK	5.378G	56.55	74.00	-17.45	5.10	3	Vertical	231	3.09	-
5240MHz	Pass	AV	15.70632G	48.09	54.00	-5.91	16.58	3	Horizontal	76	1.00	-
5240MHz	Pass	PK	15.71874G	58.48	74.00	-15.52	16.53	3	Horizontal	76	1.00	-
5240MHz	Pass	AV	15.70536G	48.13	54.00	-5.87	16.58	3	Vertical	69	2.66	-
5240MHz	Pass	PK	15.732G	58.75	74.00	-15.25	16.49	3	Vertical	69	2.66	-
5745MHz	Pass	AV	5.7462G	93.00	Inf	-Inf	5.89	3	Horizontal	190	3.69	-
5745MHz	Pass	PK	5.6106G	58.73	68.20	-9.47	5.54	3	Horizontal	190	3.69	-
5745MHz	Pass	PK	5.7474G	98.83	Inf	-Inf	5.89	3	Horizontal	190	3.69	-
5745MHz	Pass	PK	5.967G	58.20	68.20	-10.00	6.45	3	Horizontal	190	3.69	-
5745MHz	Pass	AV	5.7474G	84.31	Inf	-Inf	5.89	3	Vertical	191	3.69	-
5745MHz	Pass	PK	5.5794G	57.57	68.20	-10.63	5.46	3	Vertical	191	3.69	-
5745MHz	Pass	PK	5.7486G	91.02	Inf	-Inf	5.89	3	Vertical	191	3.69	-
5745MHz	Pass	PK	5.9442G	59.02	68.20	-9.18	6.39	3	Vertical	191	3.69	-
5745MHz	Pass	AV	11.4849G	47.88	54.00	-6.12	15.95	3	Horizontal	182	1.00	-
5745MHz	Pass	PK	11.48838G	61.99	74.00	-12.01	15.94	3	Horizontal	182	1.00	-
5745MHz	Pass	AV	11.47638G	46.71	54.00	-7.29	15.96	3	Vertical	119	1.50	-
5745MHz	Pass	PK	11.47968G	57.53	74.00	-16.47	15.96	3	Vertical	119	1.50	-
5785MHz	Pass	AV	5.7862G	91.26	Inf	-Inf	5.99	3	Horizontal	172	1.01	-
5785MHz	Pass	PK	5.6278G	57.63	68.20	-10.57	5.58	3	Horizontal	172	1.01	-
5785MHz	Pass	PK	5.7886G	97.60	Inf	-Inf	5.99	3	Horizontal	172	1.01	-
5785MHz	Pass	PK	5.9854G	58.41	68.20	-9.79	6.49	3	Horizontal	172	1.01	-
5785MHz	Pass	AV	5.7802G	88.85	Inf	-Inf	5.97	3	Vertical	228	3.63	-
5785MHz	Pass	PK	5.6086G	57.56	68.20	-10.64	5.53	3	Vertical	228	3.63	-
5785MHz	Pass	PK	5.7778G	95.26	Inf	-Inf	5.96	3	Vertical	228	3.63	-
5785MHz	Pass	PK	5.9626G	58.10	68.20	-10.10	6.44	3	Vertical	228	3.63	-
5785MHz	Pass	AV	11.57G	46.38	54.00	-7.62	15.84	3	Horizontal	165	2.99	-
5785MHz	Pass	PK	11.56952G	63.37	74.00	-10.63	15.84	3	Horizontal	165	2.99	-
5785MHz	Pass	AV	11.58458G	46.25	54.00	-7.75	15.82	3	Vertical	135	1.50	-
5785MHz	Pass	PK	11.57144G	56.45	74.00	-17.55	15.84	3	Vertical	135	1.50	-
5825MHz	Pass	AV	5.8262G	91.32	Inf	-Inf	6.09	3	Horizontal	175	1.01	-
5825MHz	Pass	PK	5.6174G	58.07	68.20	-10.13	5.56	3	Horizontal	175	1.01	-
5825MHz	Pass	PK	5.8262G	97.34	Inf	-Inf	6.09	3	Horizontal	175	1.01	-
5825MHz	Pass	PK	5.9594G	57.62	68.20	-10.58	6.43	3	Horizontal	175	1.01	-



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
5825MHz	Pass	AV	5.8322G	84.47	Inf	-Inf	6.10	3	Vertical	202	3.06	-
5825MHz	Pass	PK	5.6426G	57.27	68.20	-10.93	5.62	3	Vertical	202	3.06	-
5825MHz	Pass	PK	5.831G	90.72	Inf	-Inf	6.10	3	Vertical	202	3.06	-
5825MHz	Pass	PK	5.9582G	57.35	68.20	-10.85	6.43	3	Vertical	202	3.06	-
5825MHz	Pass	AV	11.64982G	47.59	54.00	-6.41	15.74	3	Horizontal	166	3.25	-
5825MHz	Pass	PK	11.65108G	63.80	74.00	-10.20	15.74	3	Horizontal	166	3.25	-
5825MHz	Pass	AV	11.65768G	46.86	54.00	-7.14	15.73	3	Vertical	52	3.19	-
5825MHz	Pass	PK	11.65282G	58.26	74.00	-15.74	15.73	3	Vertical	52	3.19	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.148G	46.80	54.00	-7.20	4.79	3	Horizontal	184	1.10	-
5190MHz	Pass	AV	5.192G	82.57	Inf	-Inf	4.85	3	Horizontal	184	1.10	-
5190MHz	Pass	PK	5.1428G	57.86	74.00	-16.14	4.78	3	Horizontal	184	1.10	-
5190MHz	Pass	PK	5.1928G	89.26	Inf	-Inf	4.85	3	Horizontal	184	1.10	-
5190MHz	Pass	AV	5.0948G	46.79	54.00	-7.21	4.71	3	Vertical	233	2.96	-
5190MHz	Pass	AV	5.1916G	78.77	Inf	-Inf	4.85	3	Vertical	233	2.96	-
5190MHz	Pass	PK	5.1228G	57.07	74.00	-16.93	4.75	3	Vertical	233	2.96	-
5190MHz	Pass	PK	5.1928G	85.33	Inf	-Inf	4.85	3	Vertical	233	2.96	-
5190MHz	Pass	AV	15.57108G	48.57	54.00	-5.43	17.04	3	Horizontal	352	2.35	-
5190MHz	Pass	PK	15.5778G	58.68	74.00	-15.32	17.02	3	Horizontal	352	2.35	-
5190MHz	Pass	AV	15.5736G	48.58	54.00	-5.42	17.04	3	Vertical	353	1.50	-
5190MHz	Pass	PK	15.56622G	59.07	74.00	-14.93	17.06	3	Vertical	353	1.50	-
5230MHz	Pass	AV	5.1424G	46.77	54.00	-7.23	4.78	3	Horizontal	188	3.63	-
5230MHz	Pass	AV	5.2288G	84.99	Inf	-Inf	4.90	3	Horizontal	188	3.63	-
5230MHz	Pass	PK	5.136G	56.58	74.00	-17.42	4.77	3	Horizontal	188	3.63	-
5230MHz	Pass	PK	5.2276G	91.86	Inf	-Inf	4.90	3	Horizontal	188	3.63	-
5230MHz	Pass	AV	5.146G	46.65	54.00	-7.35	4.78	3	Vertical	235	2.67	-
5230MHz	Pass	AV	5.228G	77.19	Inf	-Inf	4.90	3	Vertical	235	2.67	-
5230MHz	Pass	PK	5.1392G	56.51	74.00	-17.49	4.77	3	Vertical	235	2.67	-
5230MHz	Pass	PK	5.228G	84.20	Inf	-Inf	4.90	3	Vertical	235	2.67	-
5230MHz	Pass	AV	15.70332G	48.25	54.00	-5.75	16.59	3	Horizontal	289	2.53	-
5230MHz	Pass	PK	15.68772G	58.81	74.00	-15.19	16.64	3	Horizontal	289	2.53	-
5230MHz	Pass	AV	15.6921G	48.31	54.00	-5.69	16.63	3	Vertical	2	1.75	-
5230MHz	Pass	PK	15.6942G	59.80	74.00	-14.20	16.62	3	Vertical	2	1.75	-
5755MHz	Pass	AV	5.7466G	88.91	Inf	-Inf	5.89	3	Horizontal	190	3.69	-
5755MHz	Pass	PK	5.6482G	57.89	68.20	-10.31	5.64	3	Horizontal	190	3.69	-
5755MHz	Pass	PK	5.7478G	95.96	Inf	-Inf	5.89	3	Horizontal	190	3.69	-
5755MHz	Pass	PK	5.959G	57.83	68.20	-10.37	6.43	3	Horizontal	190	3.69	-
5755MHz	Pass	AV	5.7514G	81.35	Inf	-Inf	5.90	3	Vertical	190	3.66	-
5755MHz	Pass	PK	5.5294G	58.01	68.20	-10.19	5.33	3	Vertical	190	3.66	-
5755MHz	Pass	PK	5.7514G	87.44	Inf	-Inf	5.90	3	Vertical	190	3.66	-
5755MHz	Pass	PK	5.9494G	58.08	68.20	-10.12	6.40	3	Vertical	190	3.66	-
5755MHz	Pass	AV	11.5058G	47.01	54.00	-6.99	15.92	3	Horizontal	164	3.18	-
5755MHz	Pass	PK	11.50808G	60.67	74.00	-13.33	15.92	3	Horizontal	164	3.18	-
5755MHz	Pass	AV	11.4968G	46.52	54.00	-7.48	15.93	3	Vertical	38	1.33	-
5755MHz	Pass	PK	11.5142G	56.99	74.00	-17.01	15.91	3	Vertical	38	1.33	-
5795MHz	Pass	AV	5.7902G	89.63	Inf	-Inf	6.00	3	Horizontal	182	3.62	-
5795MHz	Pass	PK	5.5718G	57.60	68.20	-10.60	5.44	3	Horizontal	182	3.62	-
5795MHz	Pass	PK	5.7926G	95.95	Inf	-Inf	6.00	3	Horizontal	182	3.62	-
5795MHz	Pass	PK	5.981G	57.61	68.20	-10.59	6.48	3	Horizontal	182	3.62	-



RSE TX above 1GHz Result

Appendix B.2

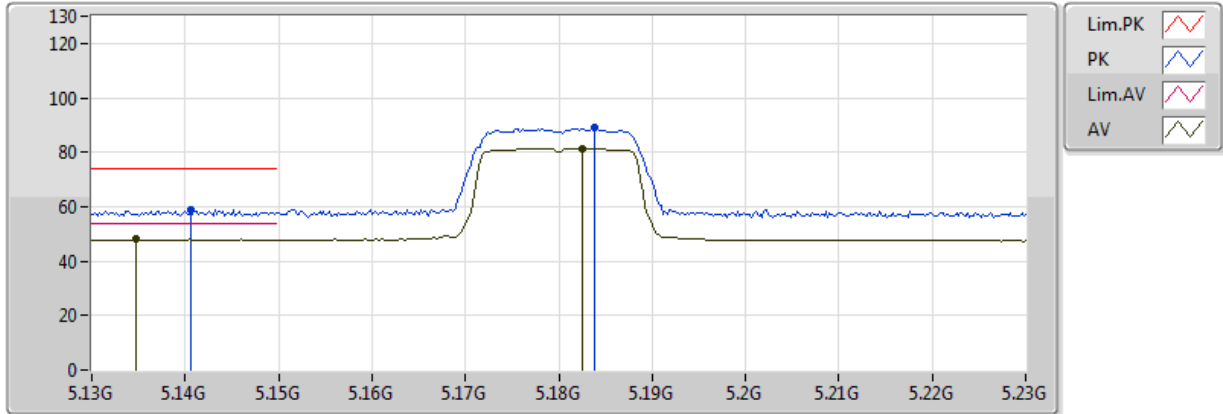
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	5.789G	80.38	Inf	-Inf	5.99	3	Vertical	240	3.60	-
5795MHz	Pass	PK	5.6078G	58.08	68.20	-10.12	5.53	3	Vertical	240	3.60	-
5795MHz	Pass	PK	5.7878G	87.10	Inf	-Inf	5.99	3	Vertical	240	3.60	-
5795MHz	Pass	PK	5.957G	58.60	68.20	-9.60	6.42	3	Vertical	240	3.60	-
5795MHz	Pass	AV	11.58928G	46.92	54.00	-7.08	15.82	3	Horizontal	167	3.29	-
5795MHz	Pass	PK	11.58742G	59.70	74.00	-14.30	15.82	3	Horizontal	167	3.29	-
5795MHz	Pass	AV	11.5909G	46.37	54.00	-7.63	15.81	3	Vertical	183	1.47	-
5795MHz	Pass	PK	11.59444G	56.70	74.00	-17.30	15.81	3	Vertical	183	1.47	-



802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

28/12/2017



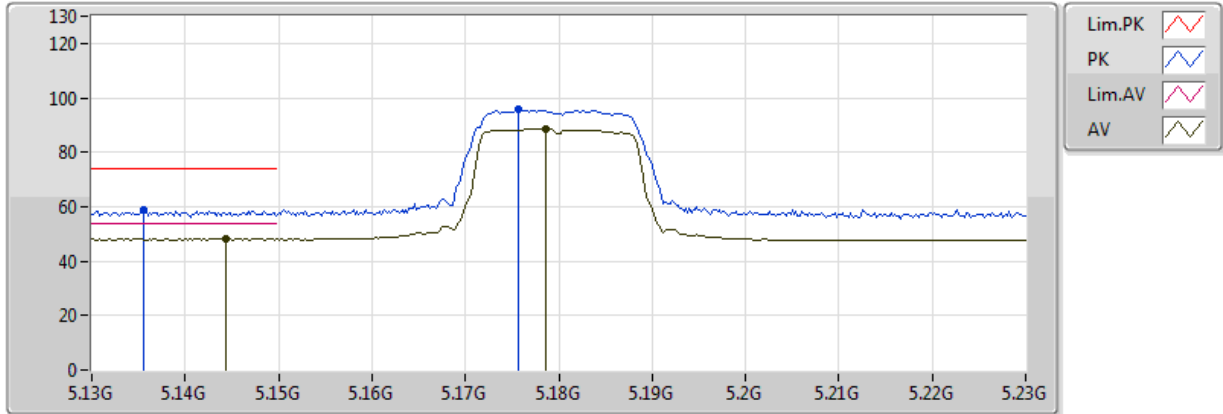
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1348G	47.97	54.00	-6.03	4.77	3	Vertical	189	1.02	-	43.21	31.61	8.37	35.21
AV	5.1826G	81.50	Inf	-Inf	4.84	3	Vertical	189	1.02	-	76.66	31.65	8.39	35.20
PK	5.1406G	58.65	74.00	-15.35	4.78	3	Vertical	189	1.02	-	53.87	31.61	8.37	35.21
PK	5.1838G	89.06	Inf	-Inf	4.84	3	Vertical	189	1.02	-	84.22	31.65	8.39	35.20



802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

28/12/2017



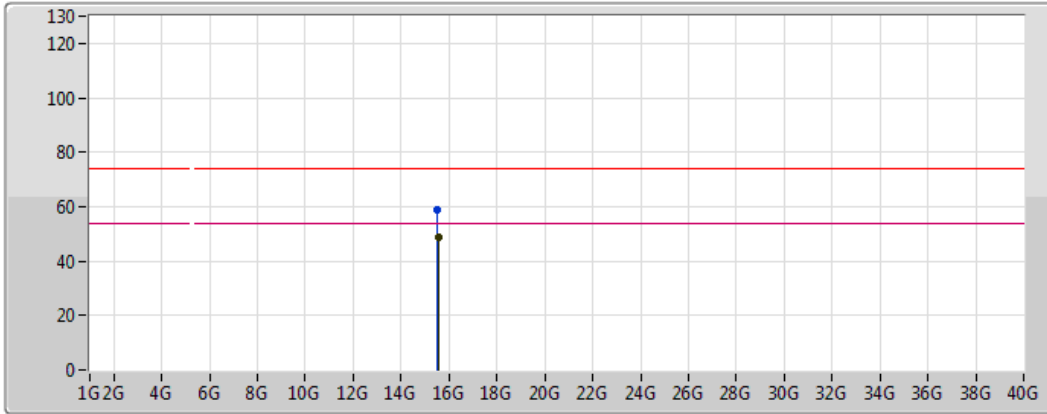
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1444G	48.10	54.00	-5.90	4.78	3	Horizontal	81	3.49	-	43.31	31.62	8.37	35.21
AV	5.1786G	88.38	Inf	-Inf	4.83	3	Horizontal	81	3.49	-	83.55	31.64	8.39	35.20
PK	5.1356G	58.74	74.00	-15.26	4.77	3	Horizontal	81	3.49	-	53.97	31.61	8.37	35.21
PK	5.1756G	95.54	Inf	-Inf	4.83	3	Horizontal	81	3.49	-	90.72	31.64	8.39	35.20



802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

28/12/2017



Lim.PK	
PK	
Lim.AV	
AV	

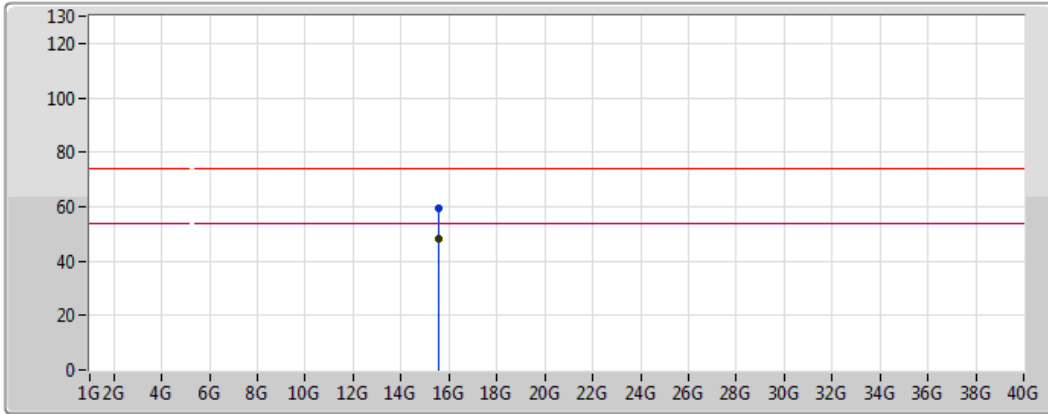
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54288G	48.47	54.00	-5.53	17.14	3	Vertical	360	1.50	-	31.32	38.85	13.72	35.43
PK	15.53436G	58.97	74.00	-15.03	17.17	3	Vertical	360	1.50	-	41.80	38.88	13.71	35.42



802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

28/12/2017



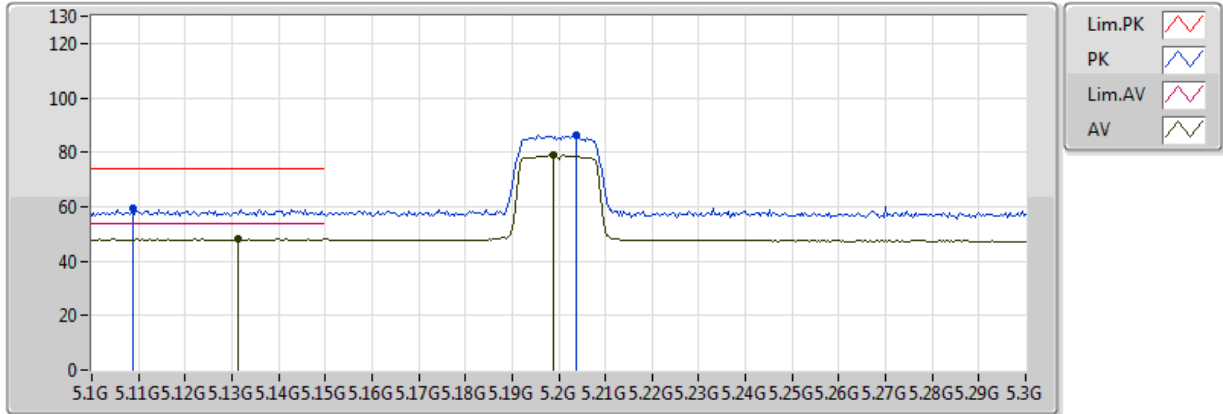
Lim.PK	
PK	
Lim.AV	
AV	

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	15.5454G	48.45	54.00	-5.55	17.13	3	Horizontal	0	1.50	-	31.31	38.85	13.72	35.44
PK	15.5454G	59.42	74.00	-14.58	17.13	3	Horizontal	0	1.50	-	42.29	38.85	13.72	35.44

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

28/12/2017

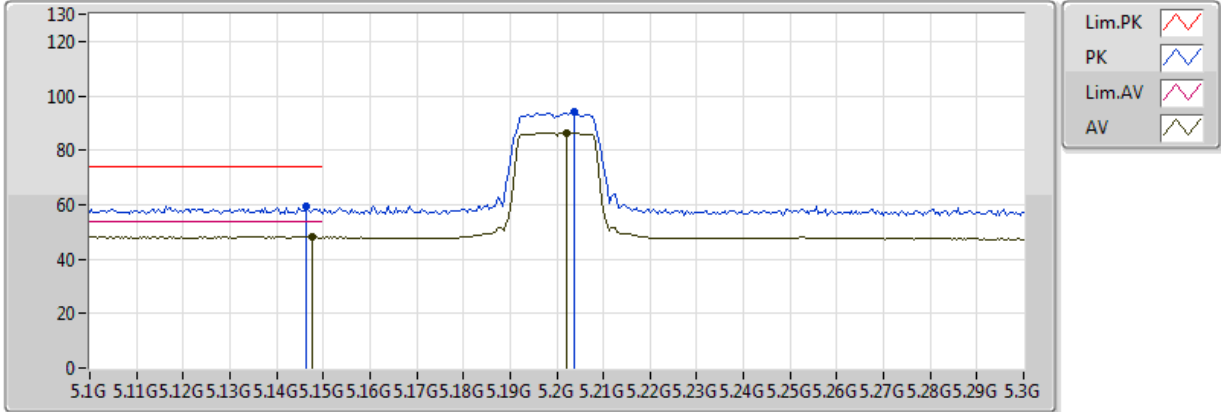


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1312G	48.01	54.00	-5.99	4.76	3	Vertical	135	1.12	-	43.24	31.60	8.37	35.21
AV	5.1988G	78.80	Inf	-Inf	4.86	3	Vertical	135	1.12	-	73.95	31.66	8.40	35.20
PK	5.1088G	59.15	74.00	-14.85	4.73	3	Vertical	135	1.12	-	54.42	31.59	8.35	35.21
PK	5.2036G	86.12	Inf	-Inf	4.86	3	Vertical	135	1.12	-	81.26	31.66	8.40	35.20

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

28/12/2017

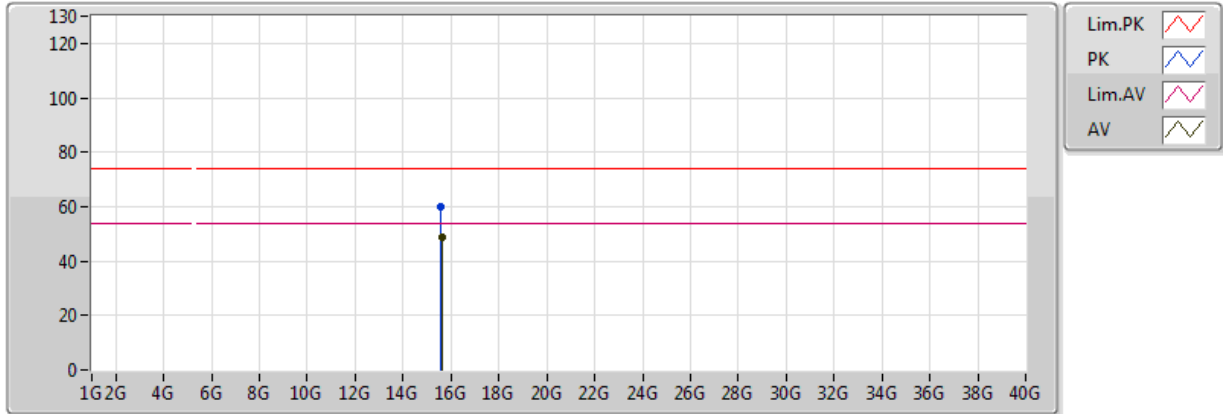


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	48.44	54.00	-5.56	4.79	3	Horizontal	64	1.01	-	43.65	31.62	8.37	35.21
AV	5.202G	86.55	Inf	-Inf	4.86	3	Horizontal	64	1.01	-	81.69	31.66	8.40	35.20
PK	5.1464G	59.43	74.00	-14.57	4.78	3	Horizontal	64	1.01	-	54.65	31.62	8.37	35.21
PK	5.2036G	94.09	Inf	-Inf	4.86	3	Horizontal	64	1.01	-	89.22	31.66	8.40	35.20

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

28/12/2017



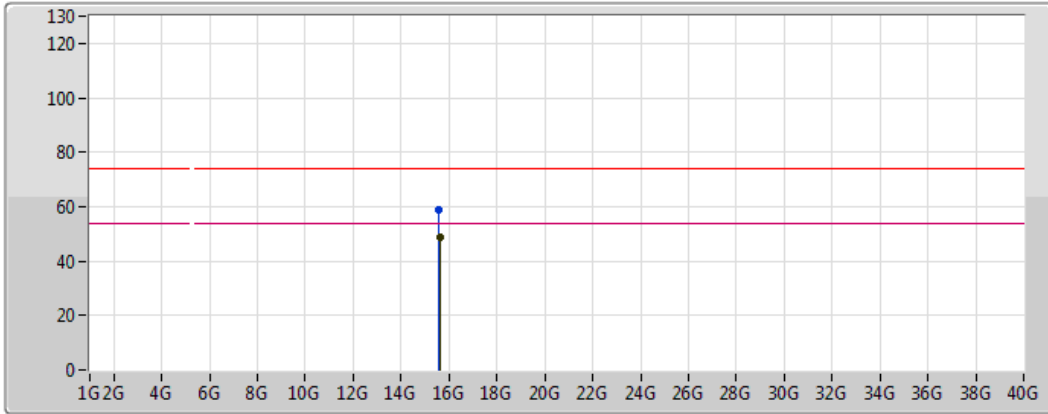
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61032G	48.54	54.00	-5.46	16.91	3	Vertical	313	1.50	-	31.63	38.62	13.79	35.51
PK	15.58614G	59.83	74.00	-14.17	16.99	3	Vertical	313	1.50	-	42.84	38.71	13.77	35.48



802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

28/12/2017

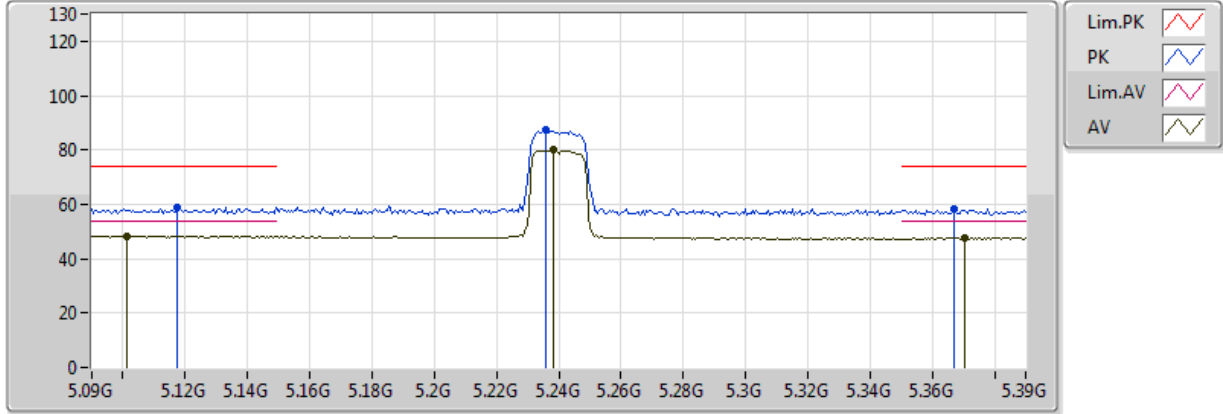


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60798G	48.59	54.00	-5.41	16.92	3	Horizontal	279	1.04	-	31.67	38.63	13.79	35.51
PK	15.58992G	59.01	74.00	-14.99	16.98	3	Horizontal	279	1.04	-	42.03	38.69	13.77	35.49

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

28/12/2017

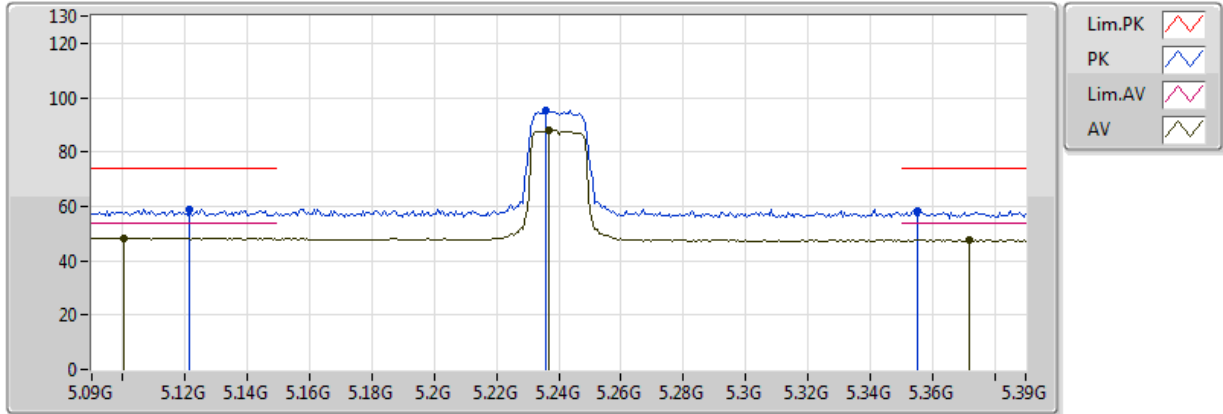


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1014G	48.13	54.00	-5.87	4.72	3	Vertical	187	1.00	-	43.41	31.58	8.35	35.21
AV	5.2382G	79.85	Inf	-Inf	4.91	3	Vertical	187	1.00	-	74.95	31.69	8.42	35.20
AV	5.3702G	47.61	54.00	-6.39	5.09	3	Vertical	187	1.00	-	42.52	31.80	8.48	35.18
PK	5.1176G	59.05	74.00	-14.95	4.74	3	Vertical	187	1.00	-	54.31	31.59	8.36	35.21
PK	5.2358G	87.15	Inf	-Inf	4.91	3	Vertical	187	1.00	-	82.24	31.69	8.41	35.20
PK	5.3672G	58.28	74.00	-15.72	5.08	3	Vertical	187	1.00	-	53.19	31.79	8.47	35.18

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

28/12/2017



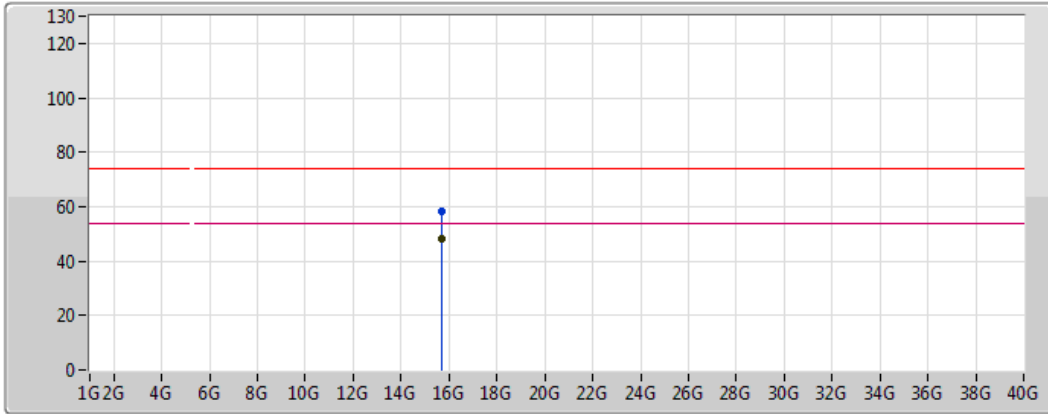
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1002G	48.18	54.00	-5.82	4.72	3	Horizontal	89	3.58	-	43.46	31.58	8.35	35.21
AV	5.237G	87.81	Inf	-Inf	4.91	3	Horizontal	89	3.58	-	82.90	31.69	8.41	35.20
AV	5.372G	47.59	54.00	-6.41	5.09	3	Horizontal	89	3.58	-	42.50	31.80	8.48	35.18
PK	5.1212G	58.95	74.00	-15.05	4.75	3	Horizontal	89	3.58	-	54.20	31.60	8.36	35.21
PK	5.2358G	95.08	Inf	-Inf	4.91	3	Horizontal	89	3.58	-	90.17	31.69	8.41	35.20
PK	5.3552G	58.38	74.00	-15.62	5.07	3	Horizontal	89	3.58	-	53.31	31.78	8.47	35.18



802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

28/12/2017



Legend for the spectrum plot:

- Lim.PK: Red line with a red zigzag icon
- PK: Blue line with a blue zigzag icon
- Lim.AV: Magenta line with a magenta zigzag icon
- AV: Black line with a black zigzag icon

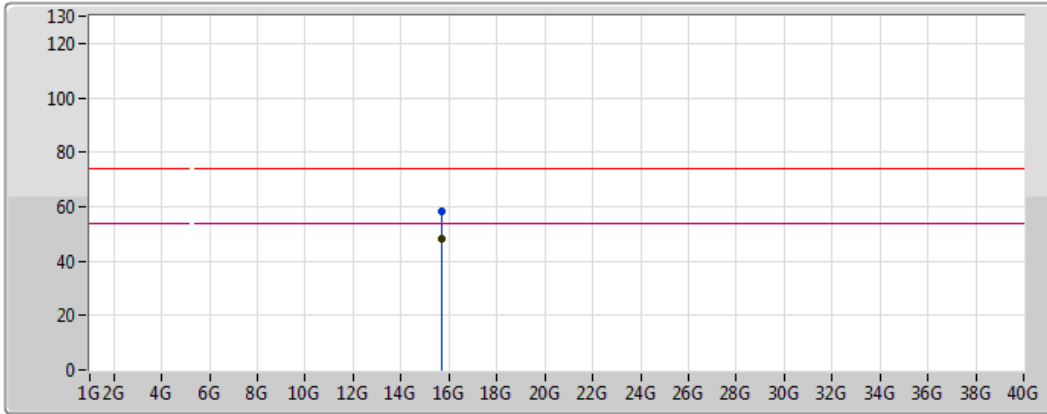
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.70572G	48.19	54.00	-5.81	16.58	3	Vertical	262	1.43	-	31.61	38.30	13.90	35.62
PK	15.7212G	58.36	74.00	-15.64	16.52	3	Vertical	262	1.43	-	41.84	38.25	13.91	35.63



802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

28/12/2017



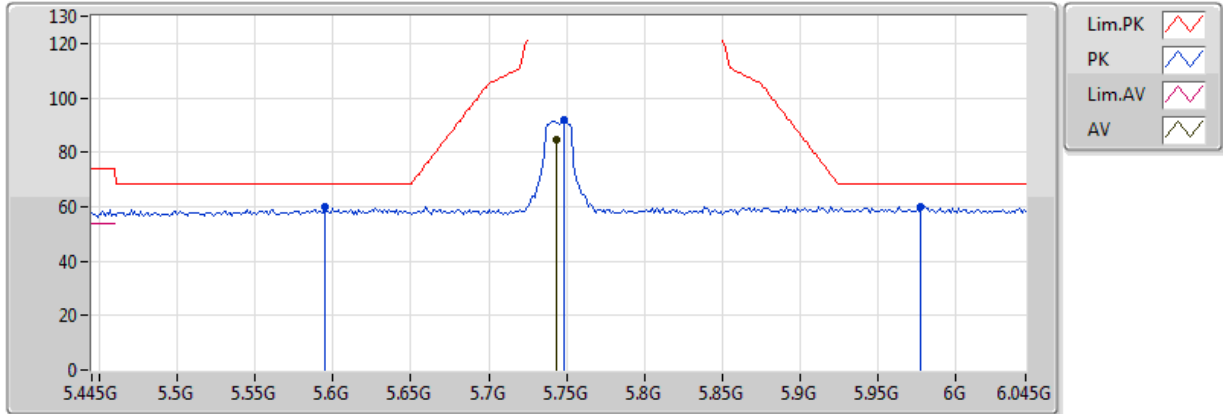
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PK	
Lim.AV	
AV	

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	15.71124G	48.27	54.00	-5.73	16.56	3	Horizontal	18	1.50	-	31.71	38.28	13.90	35.62
PK	15.71328G	58.40	74.00	-15.60	16.55	3	Horizontal	18	1.50	-	41.85	38.27	13.90	35.63

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

28/12/2017



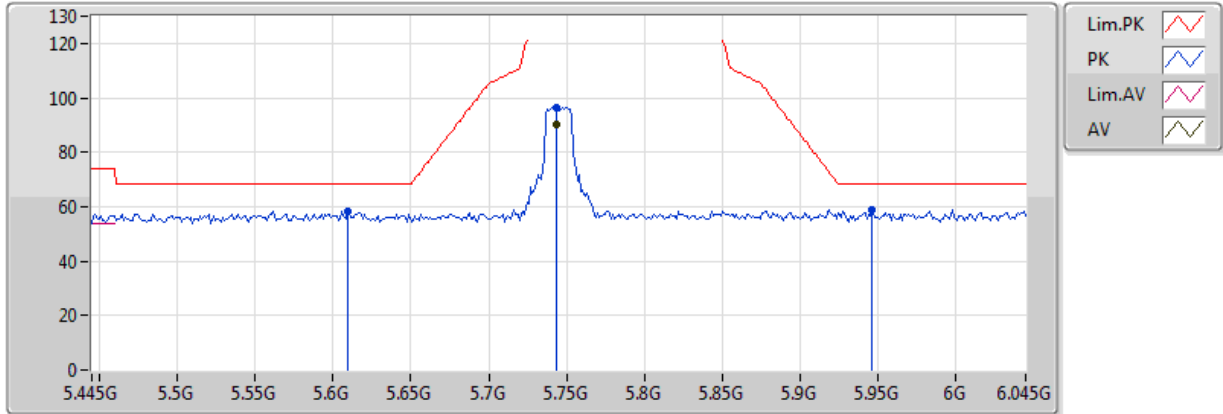
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7438G	84.41	Inf	-Inf	5.88	3	Vertical	189	3.69	-	78.53	32.19	8.87	35.18
PK	5.595G	60.00	68.20	-8.20	5.50	3	Vertical	189	3.69	-	54.51	32.01	8.66	35.18
PK	5.7486G	91.71	Inf	-Inf	5.89	3	Vertical	189	3.69	-	85.82	32.20	8.88	35.18
PK	5.9778G	60.22	68.20	-7.98	6.47	3	Vertical	189	3.69	-	53.74	32.47	9.20	35.20



802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

28/12/2017

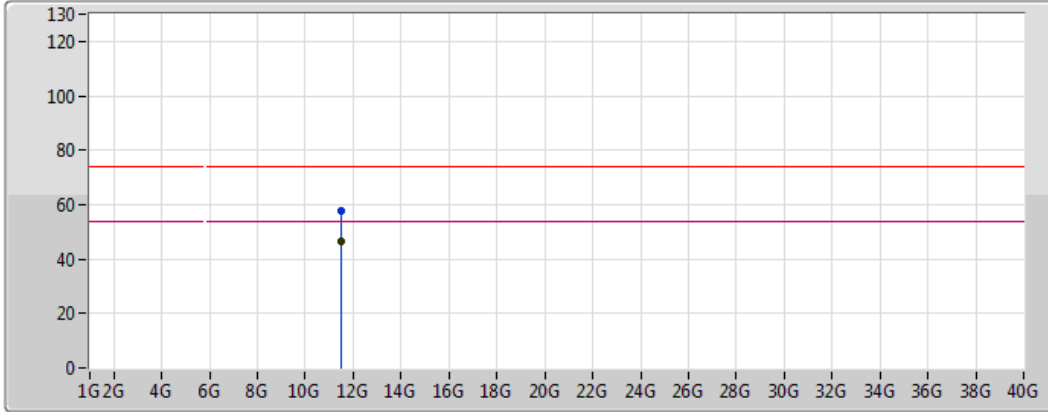






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7438G	90.12	Inf	-Inf	5.88	3	Horizontal	173	3.69	-	84.24	32.19	8.87	35.18
PK	5.6094G	58.21	68.20	-9.99	5.53	3	Horizontal	173	3.69	-	52.67	32.03	8.68	35.18
PK	5.7438G	96.32	Inf	-Inf	5.88	3	Horizontal	173	3.69	-	90.44	32.19	8.87	35.18
PK	5.9466G	58.67	68.20	-9.53	6.40	3	Horizontal	173	3.69	-	52.27	32.44	9.16	35.19

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

28/12/2017



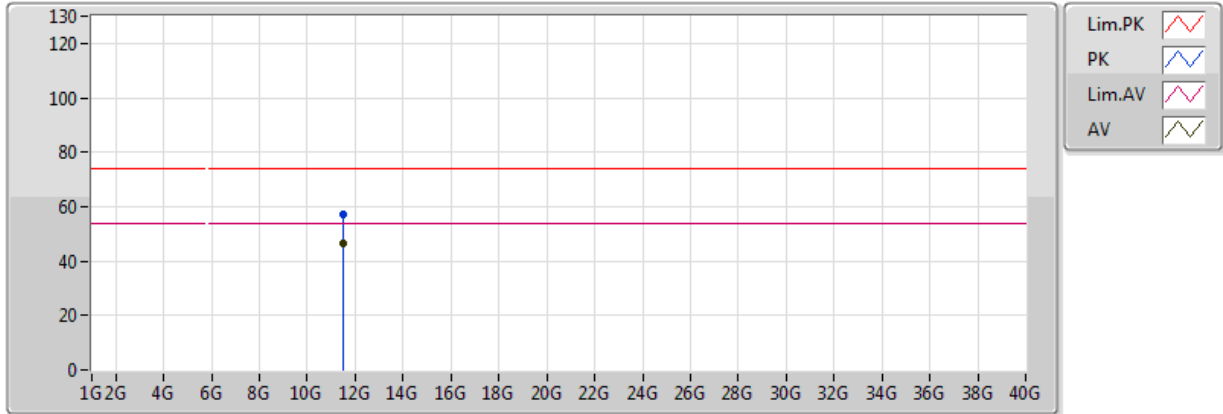
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PK	
Lim.AV	
AV	

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	11.4852G	46.70	54.00	-7.30	15.95	3	Vertical	16	2.13	-	30.75	39.57	11.85	35.48
PK	11.48316G	57.88	74.00	-16.12	15.95	3	Vertical	16	2.13	-	41.93	39.58	11.85	35.48

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

28/12/2017

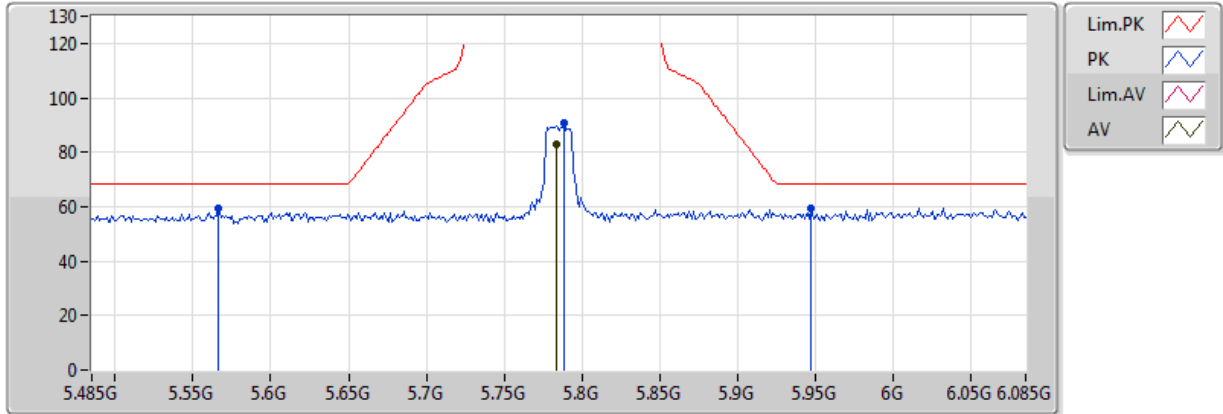


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AV	11.47914G	46.65	54.00	-7.35	15.96	3	Horizontal	120	1.50	-	30.69	39.58	11.85	35.48
PK	11.50146G	57.22	74.00	-16.78	15.93	3	Horizontal	120	1.50	-	41.29	39.55	11.86	35.48

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

28/12/2017

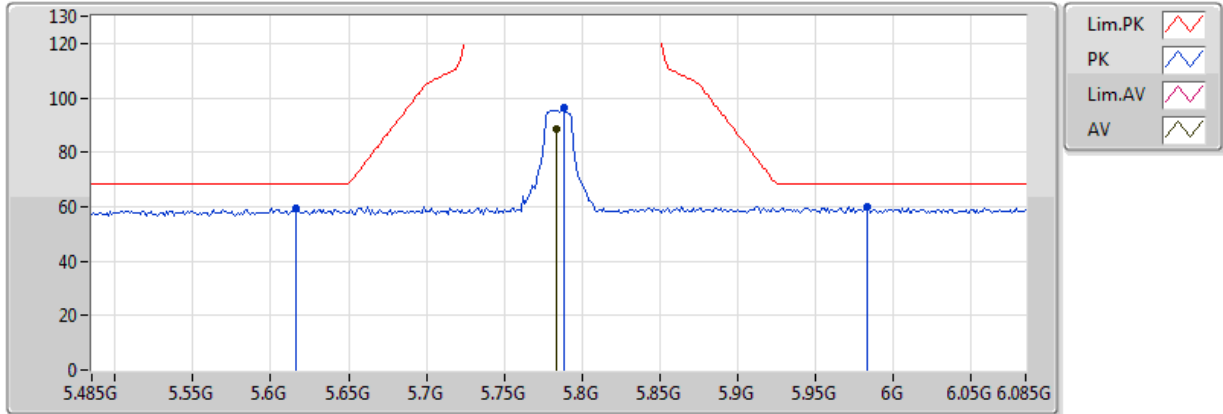


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	82.77	Inf	-Inf	5.98	3	Vertical	182	3.66	-	76.79	32.24	8.93	35.19
PK	5.5666G	59.66	68.20	-8.54	5.43	3	Vertical	182	3.66	-	54.23	31.98	8.62	35.18
PK	5.7886G	90.56	Inf	-Inf	5.99	3	Vertical	182	3.66	-	84.57	32.25	8.93	35.19
PK	5.947G	59.15	68.20	-9.05	6.40	3	Vertical	182	3.66	-	52.75	32.44	9.16	35.19

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

28/12/2017

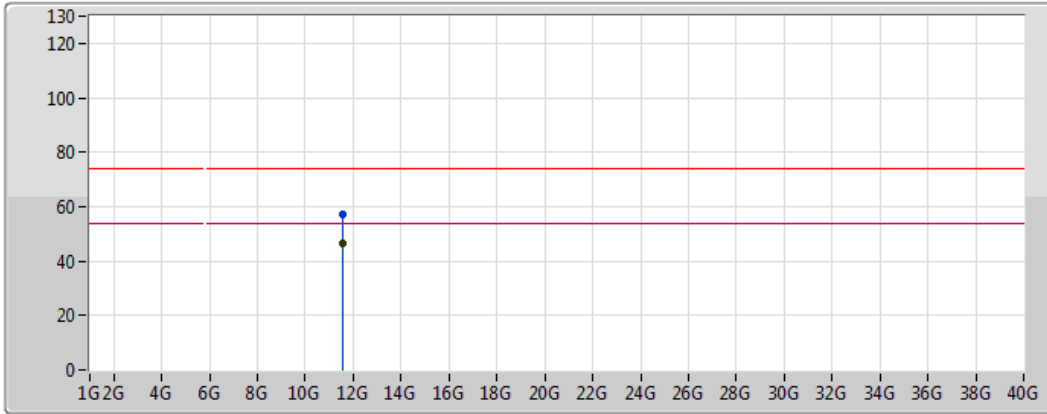


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	88.47	Inf	-Inf	5.98	3	Horizontal	169	3.63	-	82.49	32.24	8.93	35.19
PK	5.6158G	59.60	68.20	-8.60	5.55	3	Horizontal	169	3.63	-	54.05	32.04	8.69	35.18
PK	5.7886G	96.14	Inf	-Inf	5.99	3	Horizontal	169	3.63	-	90.14	32.25	8.93	35.19
PK	5.983G	60.05	68.20	-8.15	6.49	3	Horizontal	169	3.63	-	53.56	32.48	9.21	35.20

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

28/12/2017

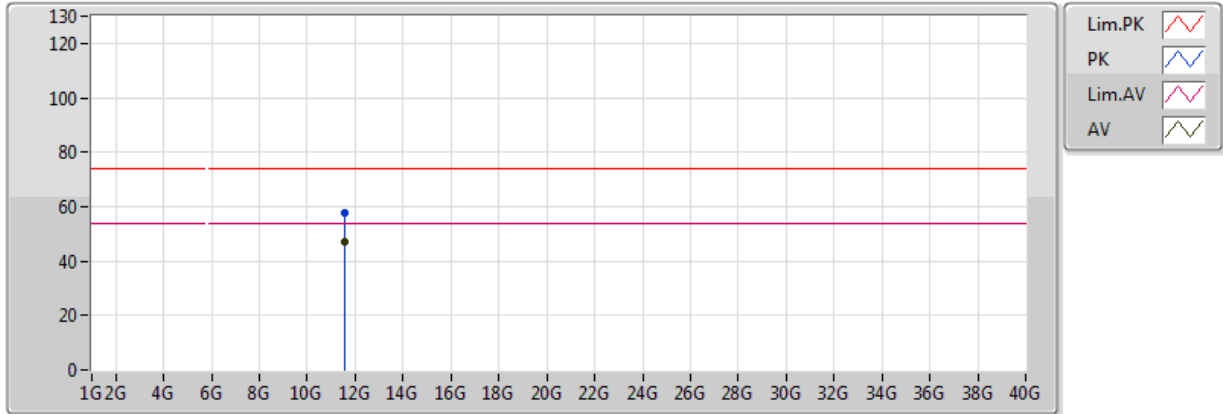


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5757G	46.30	54.00	-7.70	15.83	3	Vertical	183	1.39	-	30.47	39.44	11.89	35.50
PK	11.56382G	56.95	74.00	-17.05	15.85	3	Vertical	183	1.39	-	41.10	39.45	11.89	35.49

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

28/12/2017

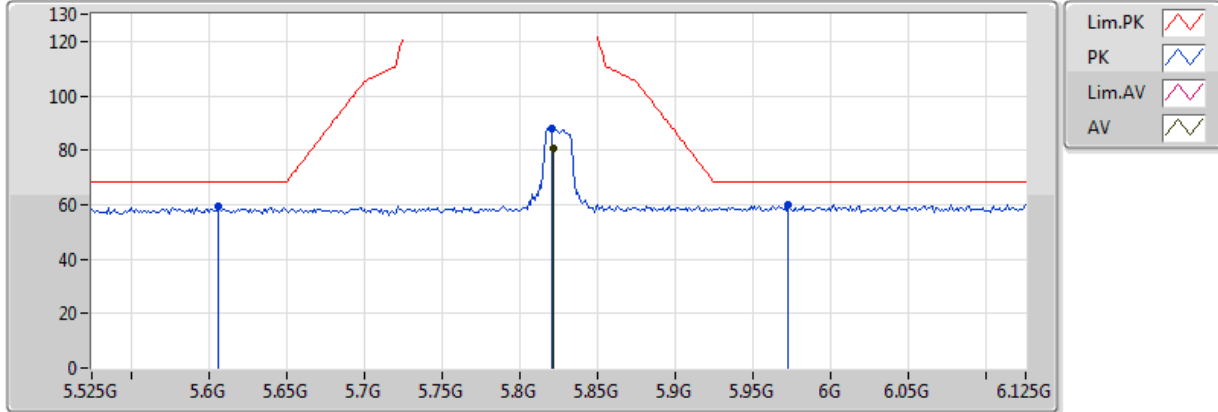


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AV	11.56844G	47.12	54.00	-6.88	15.84	3	Horizontal	192	3.62	-	31.28	39.45	11.89	35.49
PK	11.56694G	57.51	74.00	-16.49	15.84	3	Horizontal	192	3.62	-	41.67	39.45	11.89	35.49

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

28/12/2017

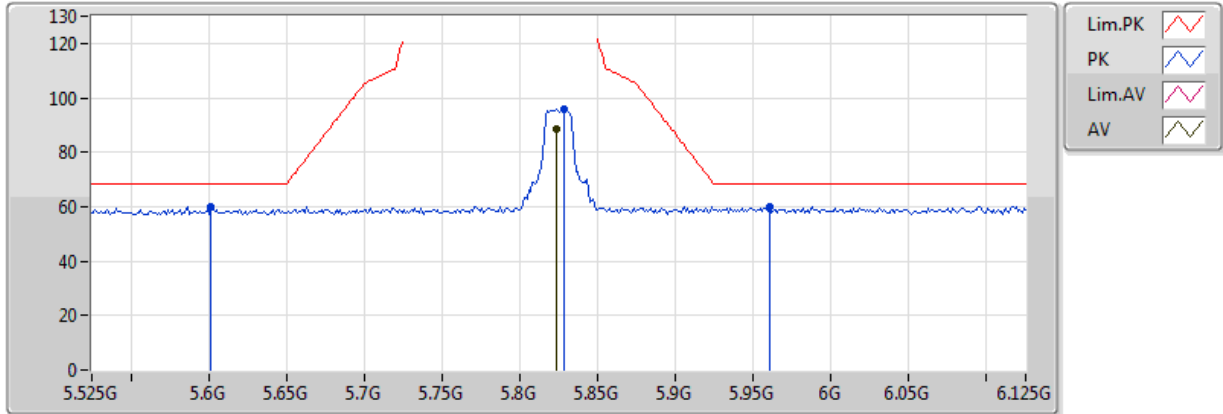


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	80.81	Inf	-Inf	6.08	3	Vertical	182	3.60	-	74.73	32.29	8.98	35.19
PK	5.6066G	59.50	68.20	-8.70	5.53	3	Vertical	182	3.60	-	53.97	32.03	8.68	35.18
PK	5.8202G	87.89	Inf	-Inf	6.07	3	Vertical	182	3.60	-	81.82	32.28	8.98	35.19
PK	5.9726G	59.71	68.20	-8.49	6.46	3	Vertical	182	3.60	-	53.25	32.47	9.19	35.20

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

28/12/2017



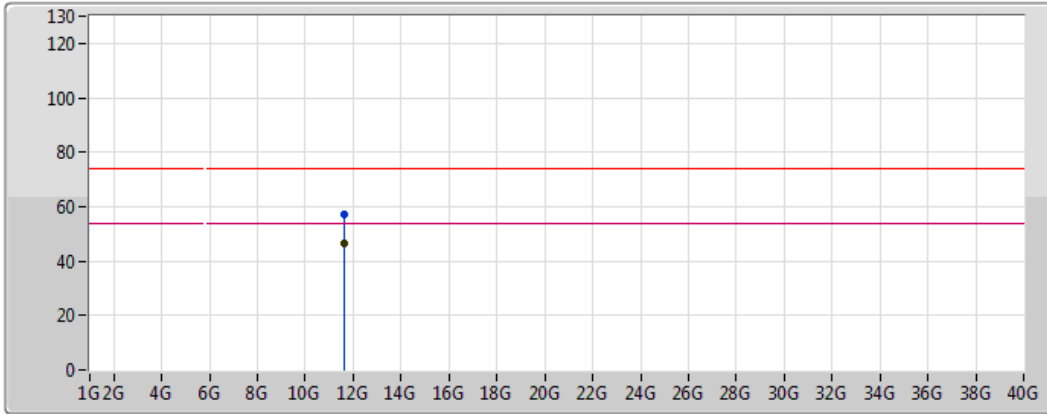
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AV	5.8238G	88.62	Inf	-Inf	6.08	3	Horizontal	125	1.02	-	82.53	32.29	8.98	35.19
PK	5.6018G	59.87	68.20	-8.33	5.51	3	Horizontal	125	1.02	-	54.35	32.02	8.67	35.18
PK	5.8286G	95.94	Inf	-Inf	6.09	3	Horizontal	125	1.02	-	89.84	32.29	8.99	35.19
PK	5.9606G	60.20	68.20	-8.00	6.43	3	Horizontal	125	1.02	-	53.77	32.45	9.17	35.20



802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

28/12/2017



Lim.PK	
PK	
Lim.AV	
AV	

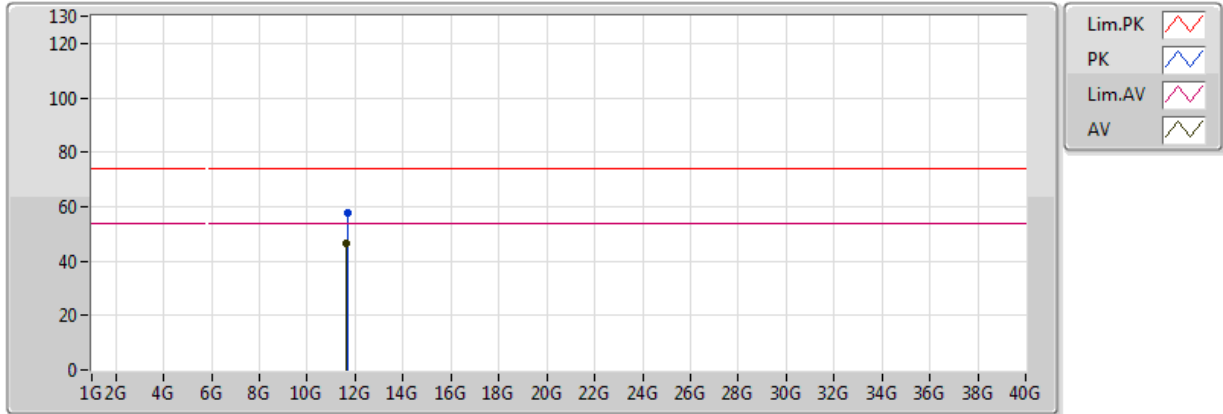
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AV	11.65582G	46.45	54.00	-7.55	15.73	3	Vertical	26	1.00	-	30.72	39.32	11.93	35.51
PK	11.65618G	57.06	74.00	-16.94	15.73	3	Vertical	26	1.00	-	41.33	39.32	11.93	35.51



802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

28/12/2017

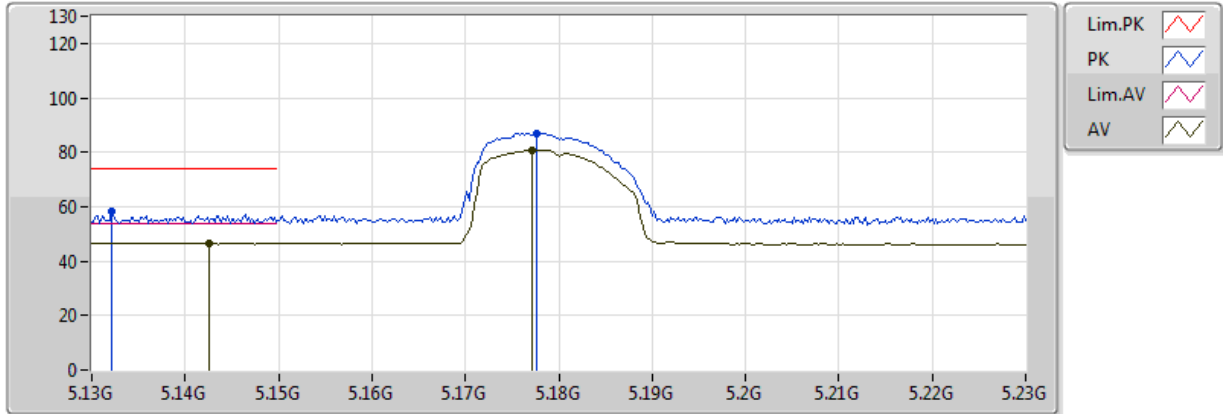


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AV	11.65102G	46.36	54.00	-7.64	15.74	3	Horizontal	170	1.36	-	30.62	39.32	11.92	35.51
PK	11.66098G	57.48	74.00	-16.52	15.72	3	Horizontal	170	1.36	-	41.76	39.31	11.93	35.51

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/12/2017

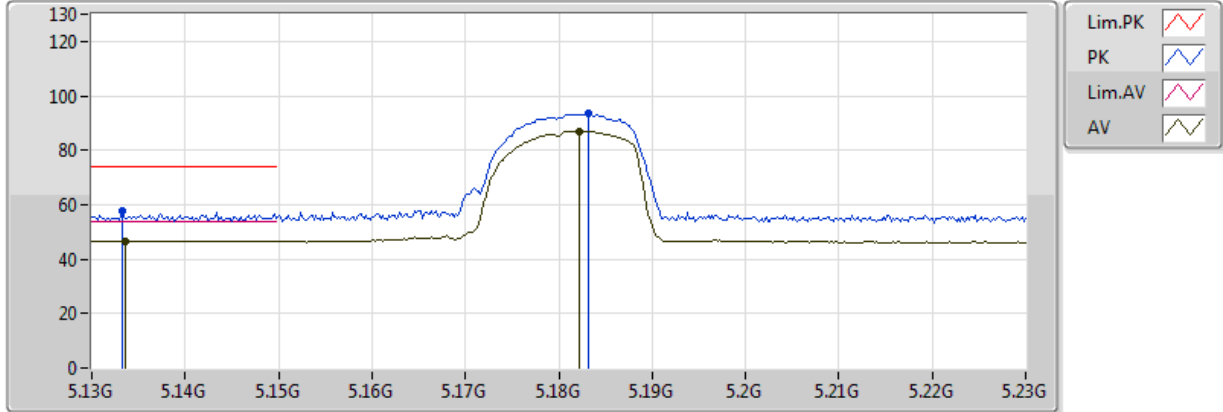


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1426G	46.62	54.00	-7.38	4.78	3	Vertical	236	2.75	-	41.84	31.61	8.37	35.21
AV	5.1772G	80.63	Inf	-Inf	4.83	3	Vertical	236	2.75	-	75.80	31.64	8.39	35.20
PK	5.1322G	58.11	74.00	-15.89	4.77	3	Vertical	236	2.75	-	53.35	31.61	8.37	35.21
PK	5.1776G	87.08	Inf	-Inf	4.83	3	Vertical	236	2.75	-	82.25	31.64	8.39	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/12/2017

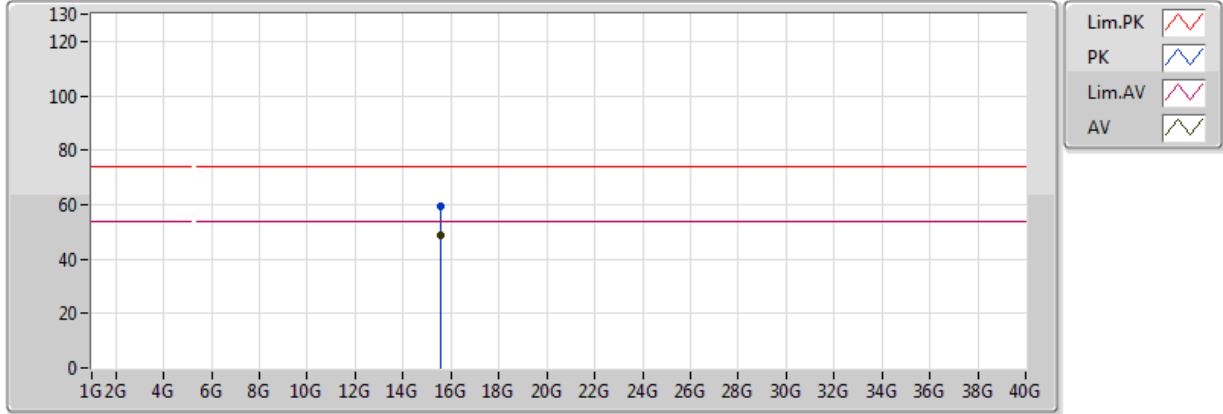


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1336G	46.72	54.00	-7.28	4.77	3	Horizontal	184	1.00	-	41.95	31.61	8.37	35.21
AV	5.1822G	86.99	Inf	-Inf	4.84	3	Horizontal	184	1.00	-	82.16	31.65	8.39	35.20
PK	5.1332G	57.63	74.00	-16.37	4.77	3	Horizontal	184	1.00	-	52.86	31.61	8.37	35.21
PK	5.1832G	93.79	Inf	-Inf	4.84	3	Horizontal	184	1.00	-	88.95	31.65	8.39	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/12/2017

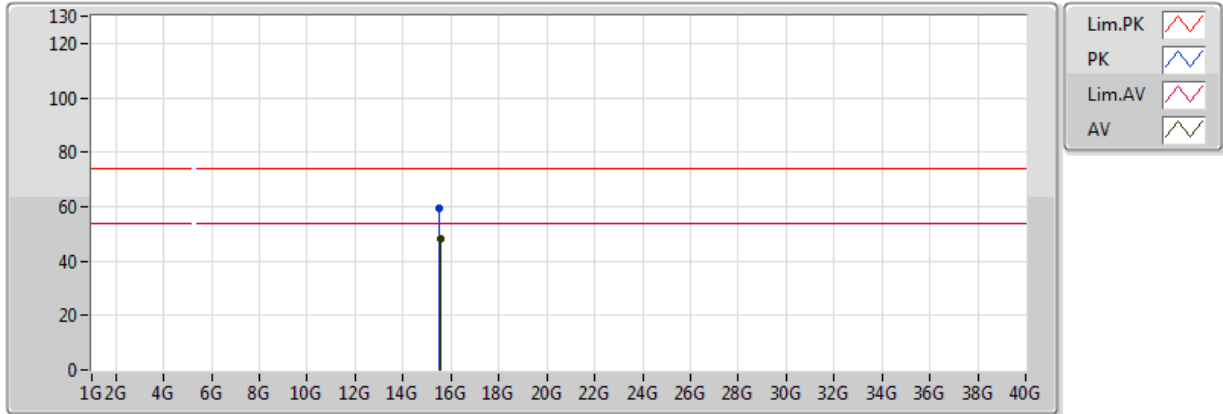


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54114G	48.47	54.00	-5.53	17.15	3	Vertical	330	1.50	-	31.32	38.86	13.72	35.43
PK	15.5514G	59.67	74.00	-14.33	17.11	3	Vertical	330	1.50	-	42.55	38.83	13.73	35.44

802.11n HT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/12/2017

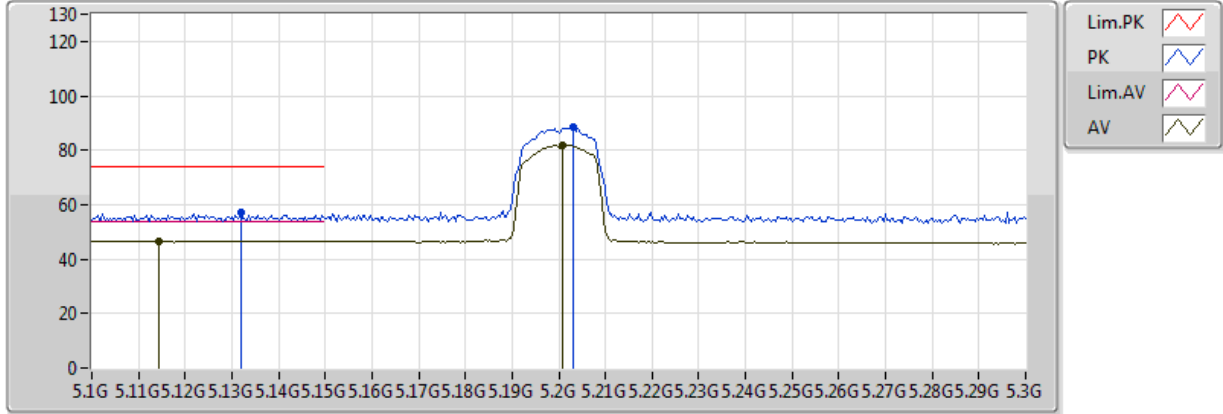


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55308G	48.42	54.00	-5.58	17.11	3	Horizontal	317	1.50	-	31.32	38.82	13.73	35.44
PK	15.53328G	59.32	74.00	-14.68	17.17	3	Horizontal	317	1.50	-	42.15	38.89	13.71	35.42

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/12/2017

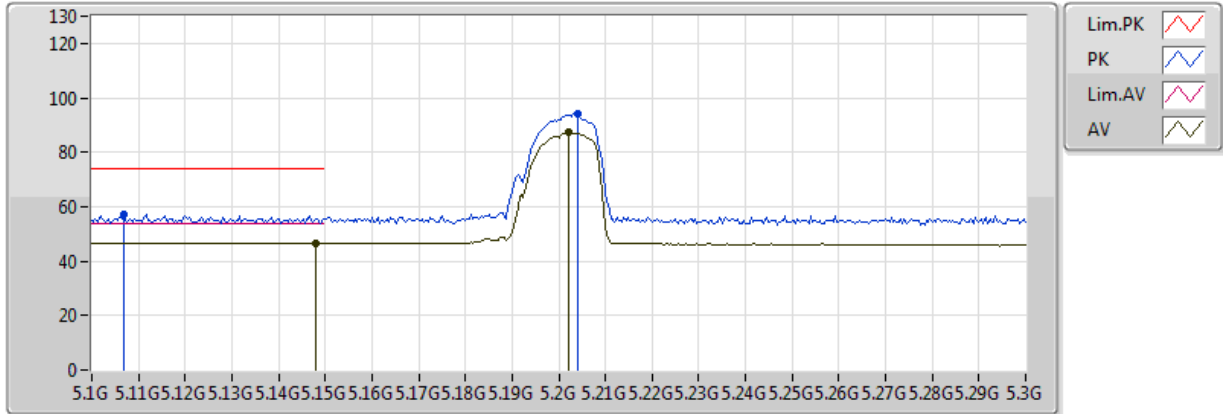


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1144G	46.76	54.00	-7.24	4.74	3	Vertical	235	2.95	-	42.02	31.59	8.36	35.21
AV	5.2008G	81.91	Inf	-Inf	4.86	3	Vertical	235	2.95	-	77.04	31.66	8.40	35.20
PK	5.132G	57.28	74.00	-16.72	4.76	3	Vertical	235	2.95	-	52.51	31.61	8.37	35.21
PK	5.2032G	88.28	Inf	-Inf	4.86	3	Vertical	235	2.95	-	83.42	31.66	8.40	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/12/2017

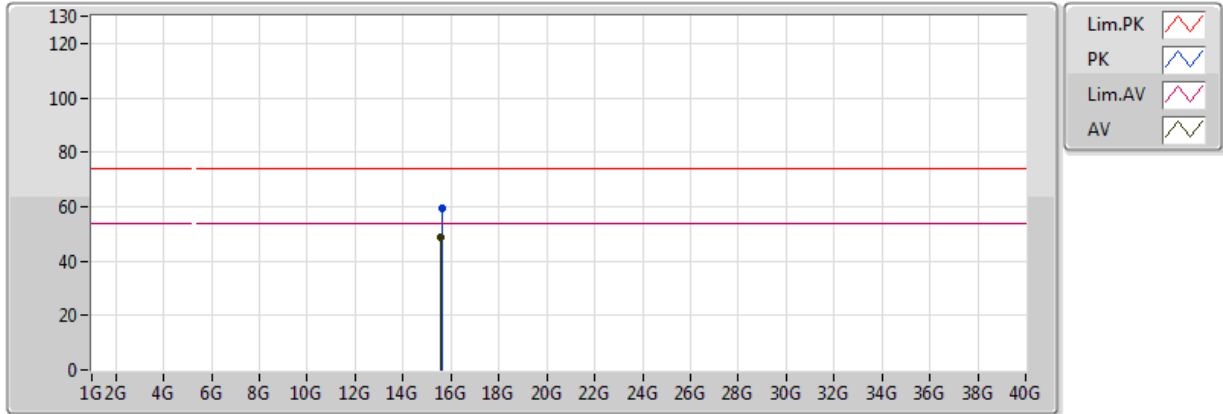


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	46.78	54.00	-7.22	4.79	3	Horizontal	185	1.03	-	41.99	31.62	8.37	35.21
AV	5.202G	87.25	Inf	-Inf	4.86	3	Horizontal	185	1.03	-	82.39	31.66	8.40	35.20
PK	5.1068G	57.28	74.00	-16.72	4.73	3	Horizontal	185	1.03	-	52.55	31.59	8.35	35.21
PK	5.204G	93.92	Inf	-Inf	4.87	3	Horizontal	185	1.03	-	89.06	31.66	8.40	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/12/2017

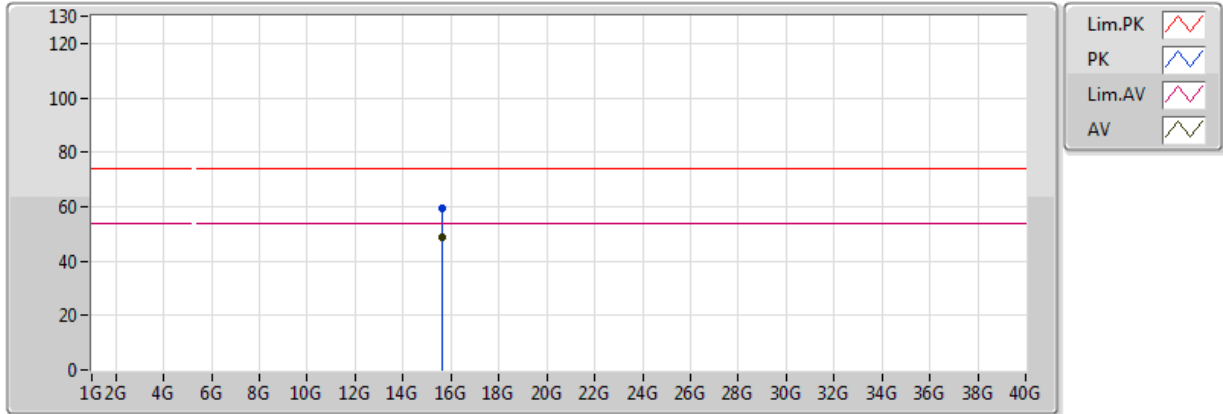


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5874G	48.50	54.00	-5.50	16.99	3	Vertical	0	1.18	-	31.52	38.70	13.77	35.48
PK	15.60408G	59.29	74.00	-14.71	16.93	3	Vertical	0	1.18	-	42.36	38.65	13.79	35.50

802.11n HT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/12/2017

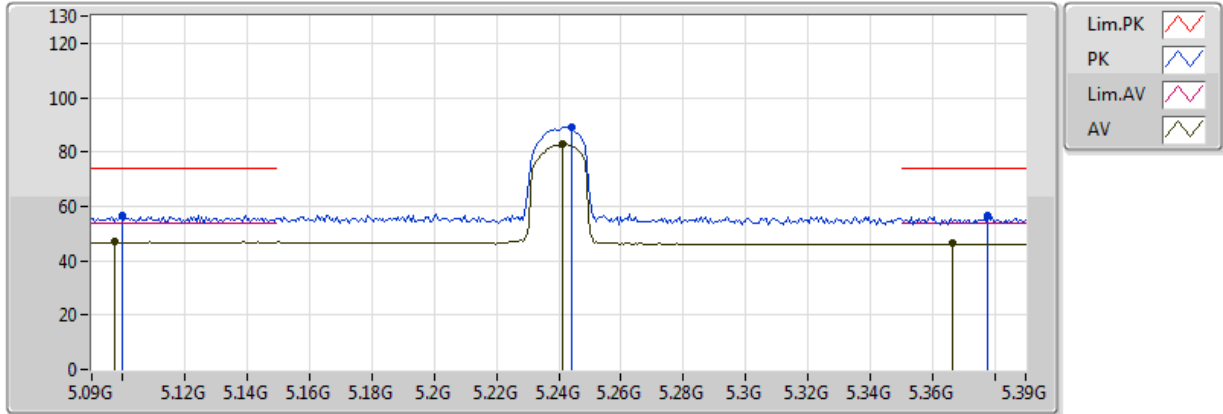


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60852G	48.54	54.00	-5.46	16.91	3	Horizontal	251	1.62	-	31.63	38.63	13.79	35.51
PK	15.61182G	59.47	74.00	-14.53	16.90	3	Horizontal	251	1.62	-	42.57	38.62	13.79	35.51

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/12/2017

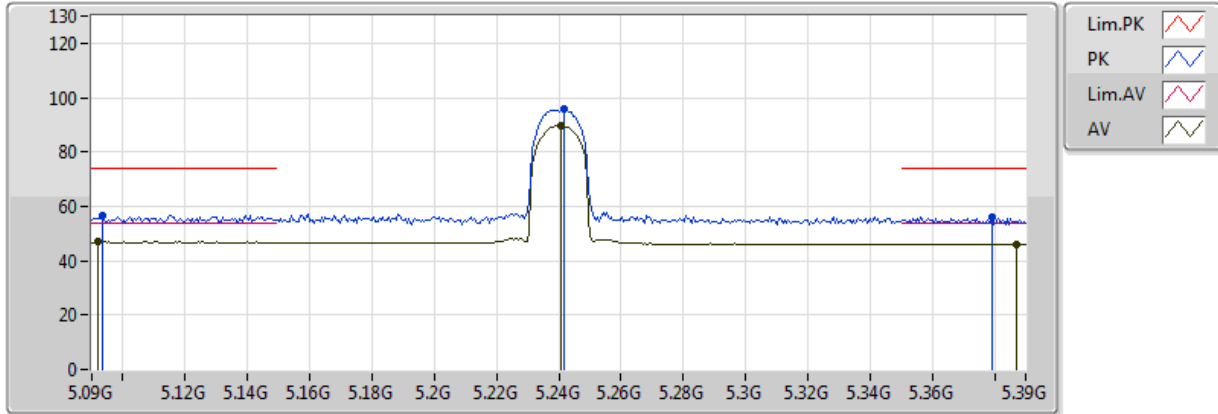


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0972G	46.85	54.00	-7.15	4.72	3	Vertical	231	3.09	-	42.13	31.58	8.35	35.21
AV	5.2412G	82.84	Inf	-Inf	4.91	3	Vertical	231	3.09	-	77.93	31.69	8.42	35.20
AV	5.3666G	46.26	54.00	-7.74	5.08	3	Vertical	231	3.09	-	41.17	31.79	8.47	35.18
PK	5.0996G	56.54	74.00	-17.46	4.72	3	Vertical	231	3.09	-	51.82	31.58	8.35	35.21
PK	5.2442G	89.30	Inf	-Inf	4.92	3	Vertical	231	3.09	-	84.39	31.70	8.42	35.20
PK	5.378G	56.55	74.00	-17.45	5.10	3	Vertical	231	3.09	-	51.45	31.80	8.48	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/12/2017

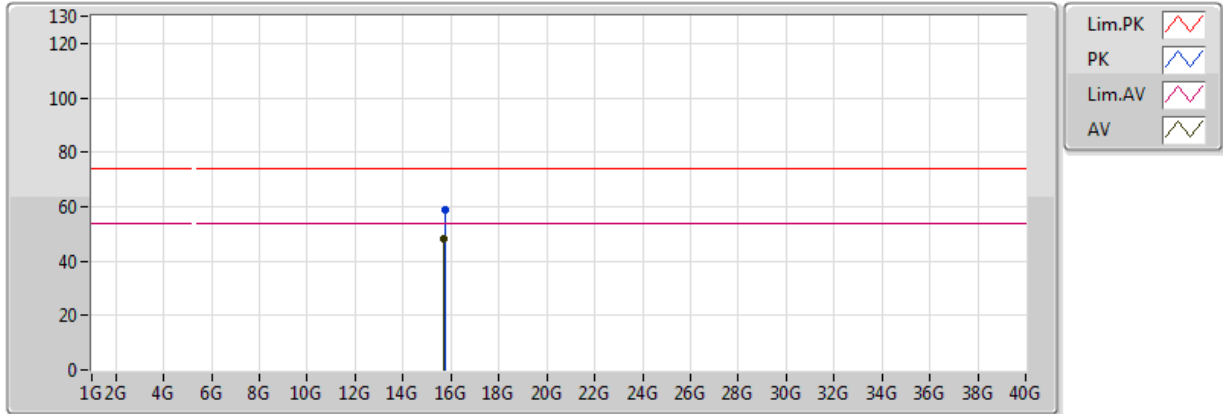


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0918G	46.93	54.00	-7.07	4.71	3	Horizontal	188	3.60	-	42.22	31.57	8.35	35.21
AV	5.2406G	89.48	Inf	-Inf	4.91	3	Horizontal	188	3.60	-	84.57	31.69	8.42	35.20
AV	5.387G	46.21	54.00	-7.79	5.11	3	Horizontal	188	3.60	-	41.10	31.81	8.48	35.18
PK	5.0936G	56.87	74.00	-17.13	4.71	3	Horizontal	188	3.60	-	52.16	31.57	8.35	35.21
PK	5.2418G	95.61	Inf	-Inf	4.91	3	Horizontal	188	3.60	-	90.70	31.69	8.42	35.20
PK	5.3792G	55.96	74.00	-18.04	5.10	3	Horizontal	188	3.60	-	50.86	31.80	8.48	35.18

802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/12/2017



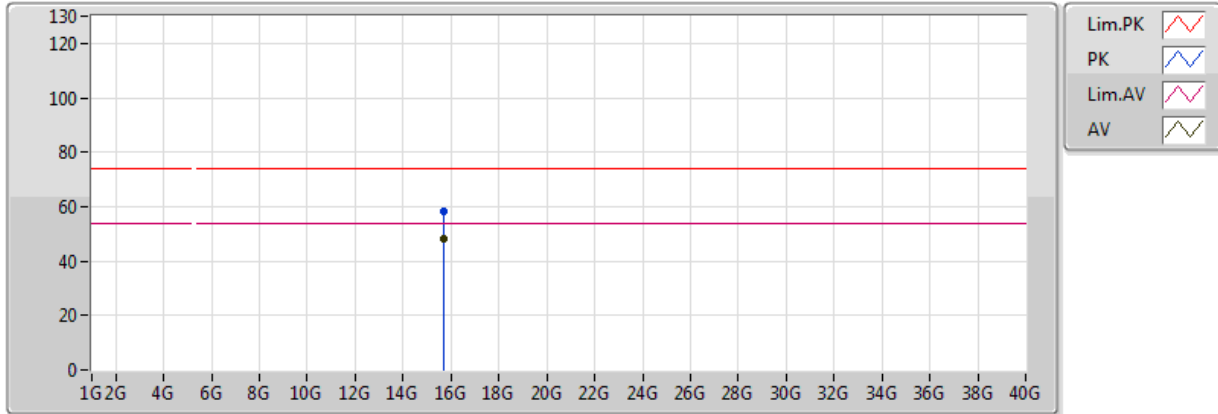
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AV	15.70536G	48.13	54.00	-5.87	16.58	3	Vertical	69	2.66	-	31.55	38.30	13.89	35.62
PK	15.732G	58.75	74.00	-15.25	16.49	3	Vertical	69	2.66	-	42.26	38.21	13.92	35.65



802.11n HT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/12/2017

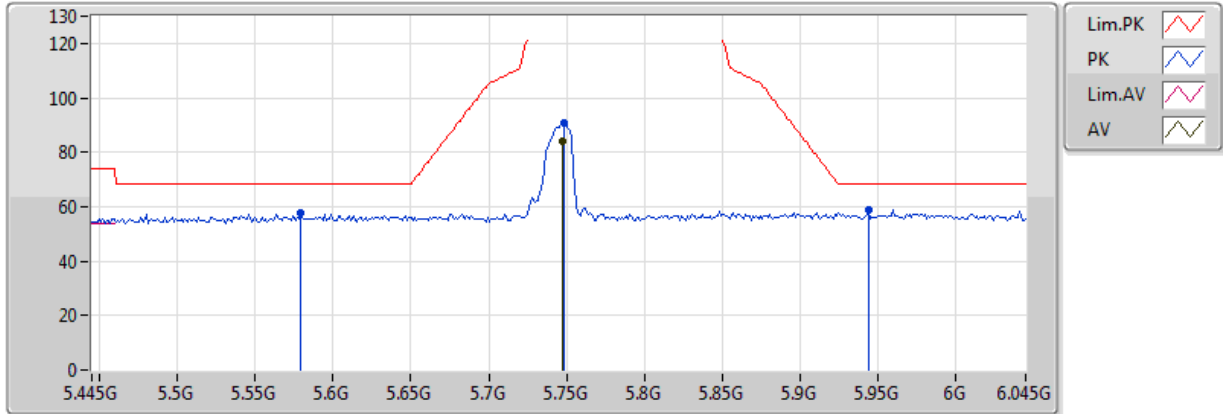


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.70632G	48.09	54.00	-5.91	16.58	3	Horizontal	76	1.00	-	31.52	38.30	13.90	35.62
PK	15.71874G	58.48	74.00	-15.52	16.53	3	Horizontal	76	1.00	-	41.95	38.26	13.91	35.63

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/12/2017

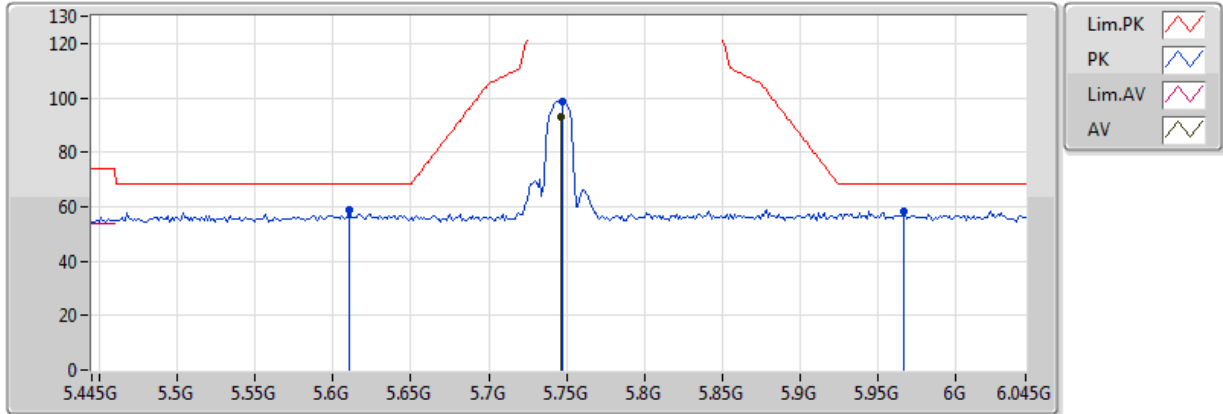


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	84.31	Inf	-Inf	5.89	3	Vertical	191	3.69	-	78.42	32.20	8.88	35.18
PK	5.5794G	57.57	68.20	-10.63	5.46	3	Vertical	191	3.69	-	52.11	32.00	8.64	35.18
PK	5.7486G	91.02	Inf	-Inf	5.89	3	Vertical	191	3.69	-	85.13	32.20	8.88	35.18
PK	5.9442G	59.02	68.20	-9.18	6.39	3	Vertical	191	3.69	-	52.63	32.43	9.15	35.19

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/12/2017

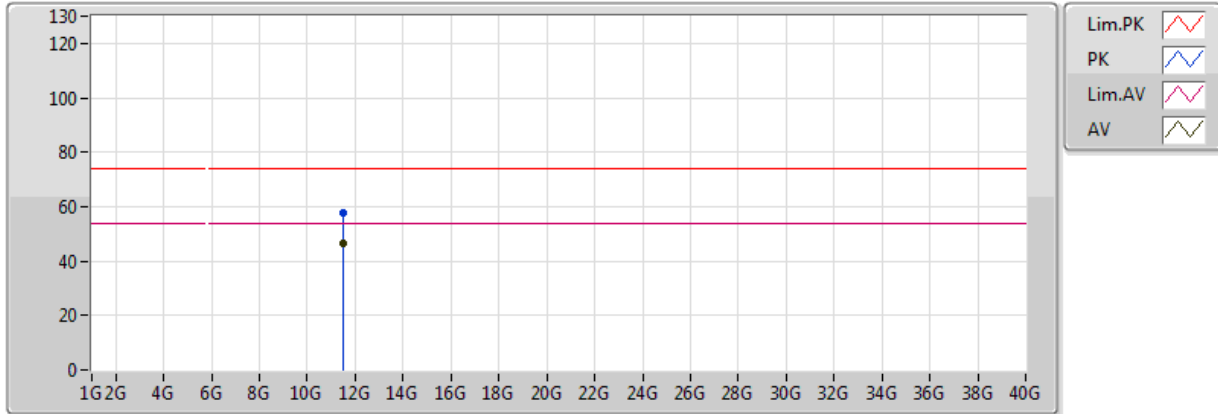


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	93.00	Inf	-Inf	5.89	3	Horizontal	190	3.69	-	87.12	32.20	8.87	35.18
PK	5.6106G	58.73	68.20	-9.47	5.54	3	Horizontal	190	3.69	-	53.19	32.03	8.68	35.18
PK	5.7474G	98.83	Inf	-Inf	5.89	3	Horizontal	190	3.69	-	92.94	32.20	8.88	35.18
PK	5.967G	58.20	68.20	-10.00	6.45	3	Horizontal	190	3.69	-	51.75	32.46	9.18	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/12/2017

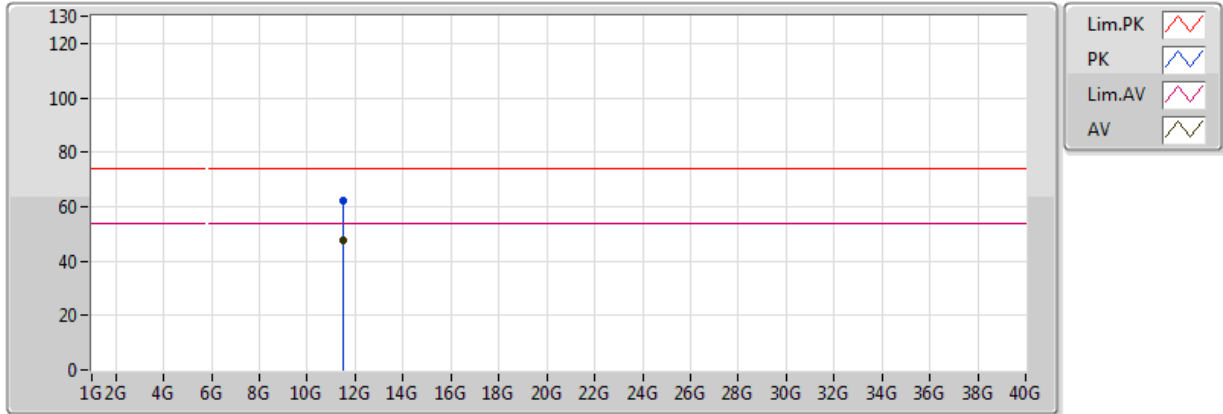


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.47638G	46.71	54.00	-7.29	15.96	3	Vertical	119	1.50	-	30.75	39.59	11.85	35.48
PK	11.47968G	57.53	74.00	-16.47	15.96	3	Vertical	119	1.50	-	41.57	39.58	11.85	35.48

802.11n HT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/12/2017

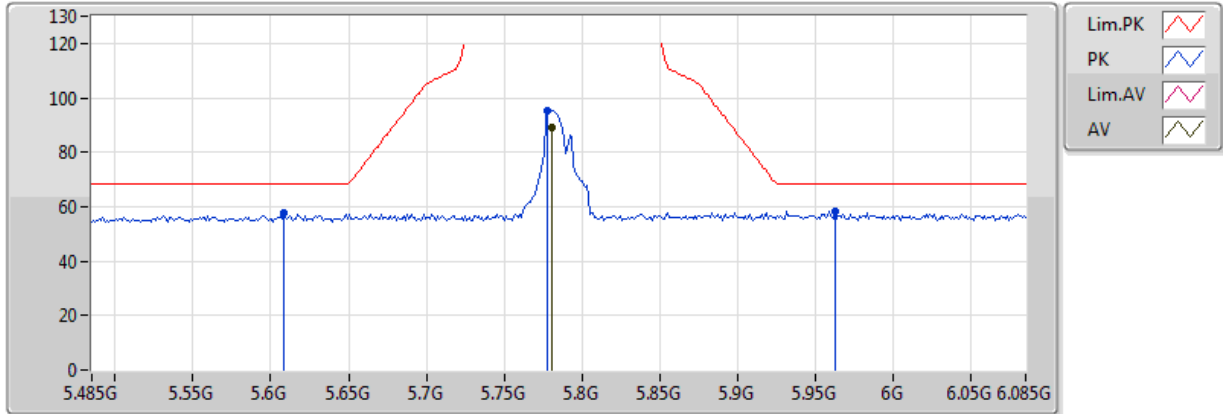


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4849G	47.88	54.00	-6.12	15.95	3	Horizontal	182	1.00	-	31.93	39.57	11.85	35.48
PK	11.48838G	61.99	74.00	-12.01	15.94	3	Horizontal	182	1.00	-	46.05	39.57	11.86	35.48

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/12/2017

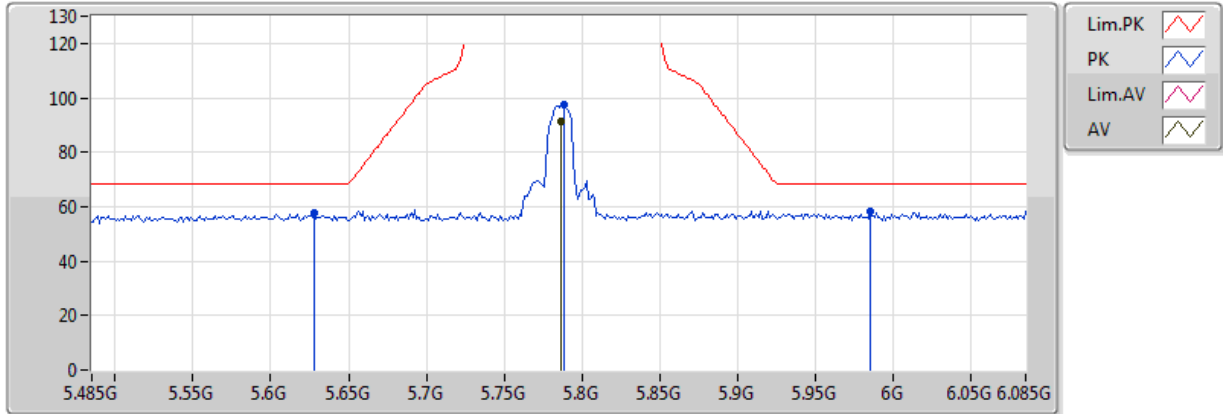


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7802G	88.85	Inf	-Inf	5.97	3	Vertical	228	3.63	-	82.88	32.24	8.92	35.19
PK	5.6086G	57.56	68.20	-10.64	5.53	3	Vertical	228	3.63	-	52.02	32.03	8.68	35.18
PK	5.7778G	95.26	Inf	-Inf	5.96	3	Vertical	228	3.63	-	89.29	32.23	8.92	35.19
PK	5.9626G	58.10	68.20	-10.10	6.44	3	Vertical	228	3.63	-	51.66	32.46	9.18	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/12/2017

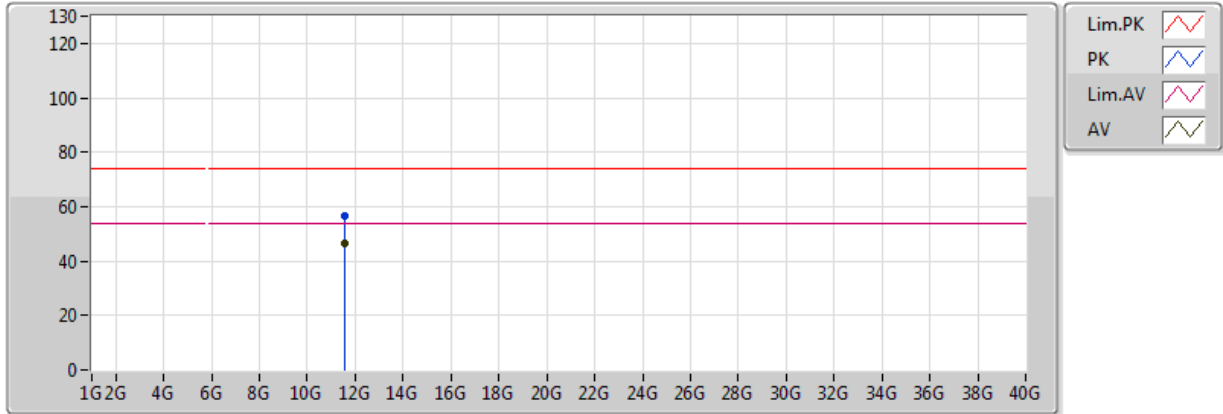


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	91.26	Inf	-Inf	5.99	3	Horizontal	172	1.01	-	85.27	32.24	8.93	35.19
PK	5.6278G	57.63	68.20	-10.57	5.58	3	Horizontal	172	1.01	-	52.04	32.05	8.71	35.18
PK	5.7886G	97.60	Inf	-Inf	5.99	3	Horizontal	172	1.01	-	91.61	32.25	8.93	35.19
PK	5.9854G	58.41	68.20	-9.79	6.49	3	Horizontal	172	1.01	-	51.91	32.48	9.21	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/12/2017

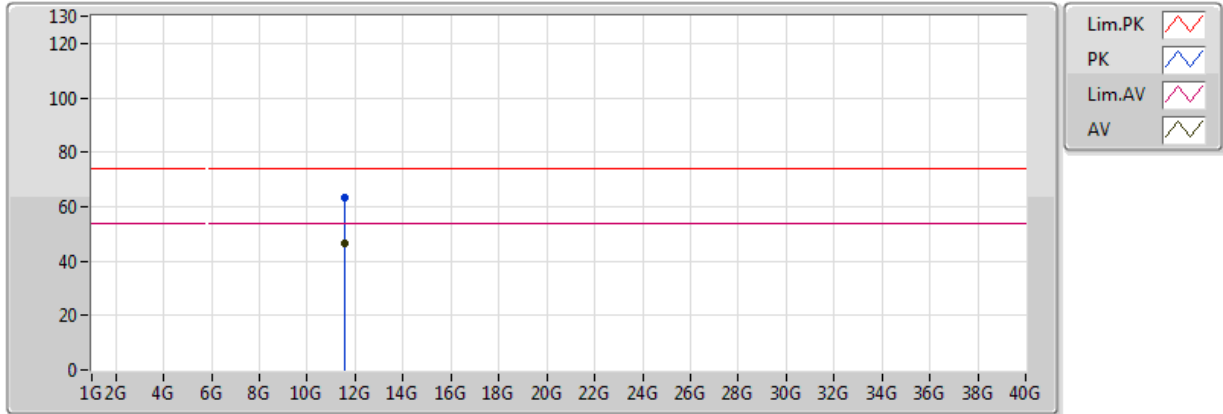


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58458G	46.25	54.00	-7.75	15.82	3	Vertical	135	1.50	-	30.42	39.42	11.90	35.50
PK	11.57144G	56.45	74.00	-17.55	15.84	3	Vertical	135	1.50	-	40.61	39.44	11.89	35.49

802.11n HT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/12/2017

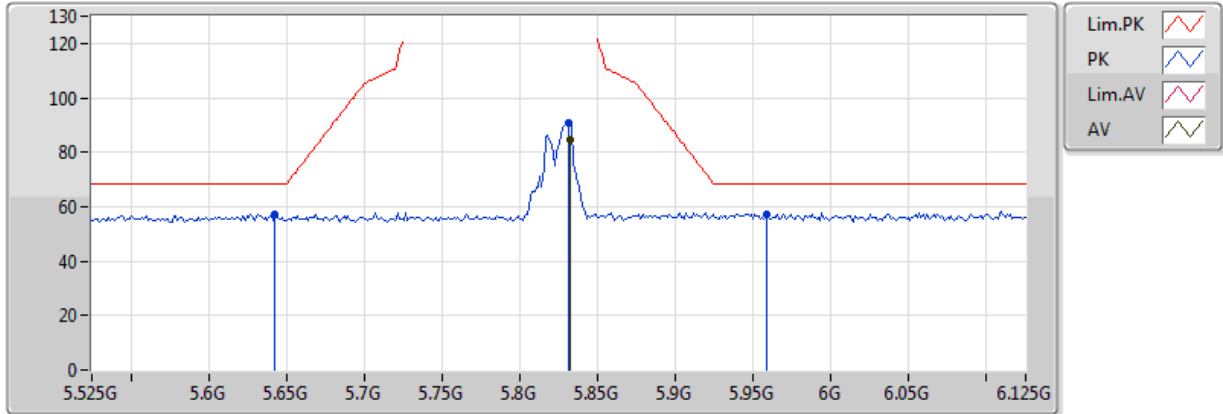


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57G	46.38	54.00	-7.62	15.84	3	Horizontal	165	2.99	-	30.54	39.45	11.89	35.49
PK	11.56952G	63.37	74.00	-10.63	15.84	3	Horizontal	165	2.99	-	47.53	39.45	11.89	35.49

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/12/2017

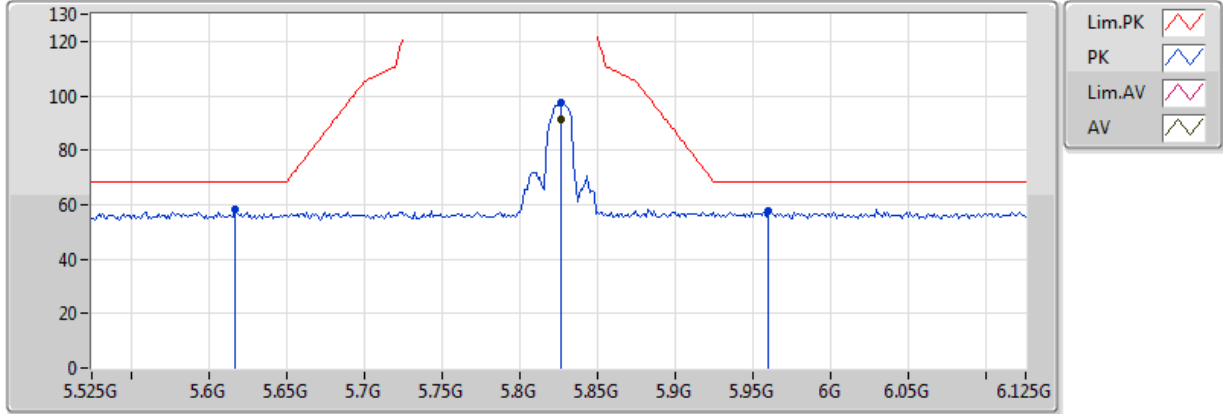


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8322G	84.47	Inf	-Inf	6.10	3	Vertical	202	3.06	-	78.37	32.30	9.00	35.19
PK	5.6426G	57.27	68.20	-10.93	5.62	3	Vertical	202	3.06	-	51.65	32.07	8.73	35.18
PK	5.831G	90.72	Inf	-Inf	6.10	3	Vertical	202	3.06	-	84.62	32.30	8.99	35.19
PK	5.9582G	57.35	68.20	-10.85	6.43	3	Vertical	202	3.06	-	50.93	32.45	9.17	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/12/2017

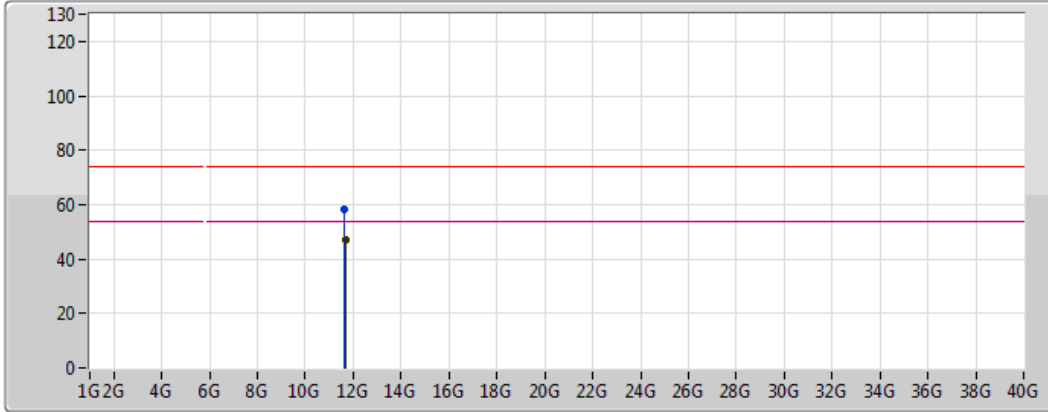






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	91.32	Inf	-Inf	6.09	3	Horizontal	175	1.01	-	85.23	32.29	8.99	35.19
PK	5.6174G	58.07	68.20	-10.13	5.56	3	Horizontal	175	1.01	-	52.51	32.04	8.69	35.18
PK	5.8262G	97.34	Inf	-Inf	6.09	3	Horizontal	175	1.01	-	91.25	32.29	8.99	35.19
PK	5.9594G	57.62	68.20	-10.58	6.43	3	Horizontal	175	1.01	-	51.20	32.45	9.17	35.20

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/12/2017



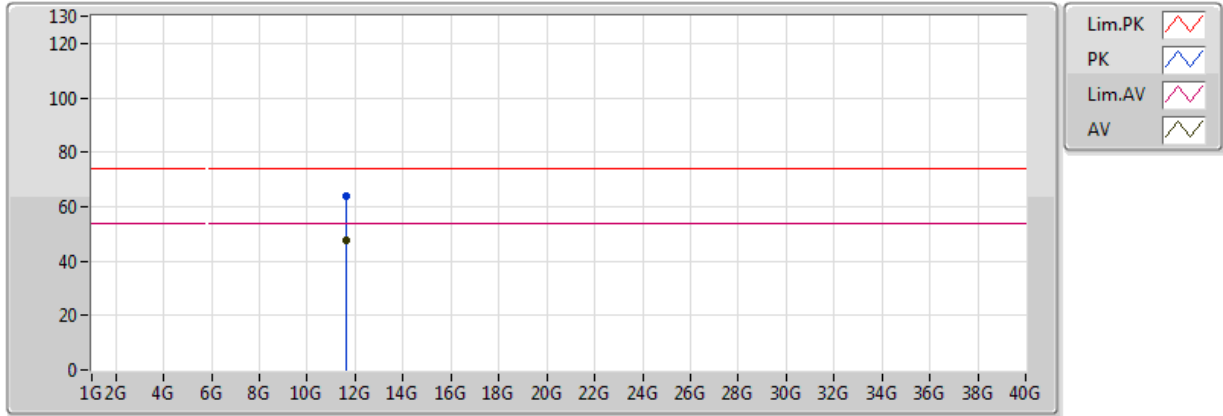
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Lim.AV	
AV	

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	11.65768G	46.86	54.00	-7.14	15.73	3	Vertical	52	3.19	-	31.13	39.31	11.93	35.51
PK	11.65282G	58.26	74.00	-15.74	15.73	3	Vertical	52	3.19	-	42.53	39.32	11.92	35.51

802.11n HT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/12/2017

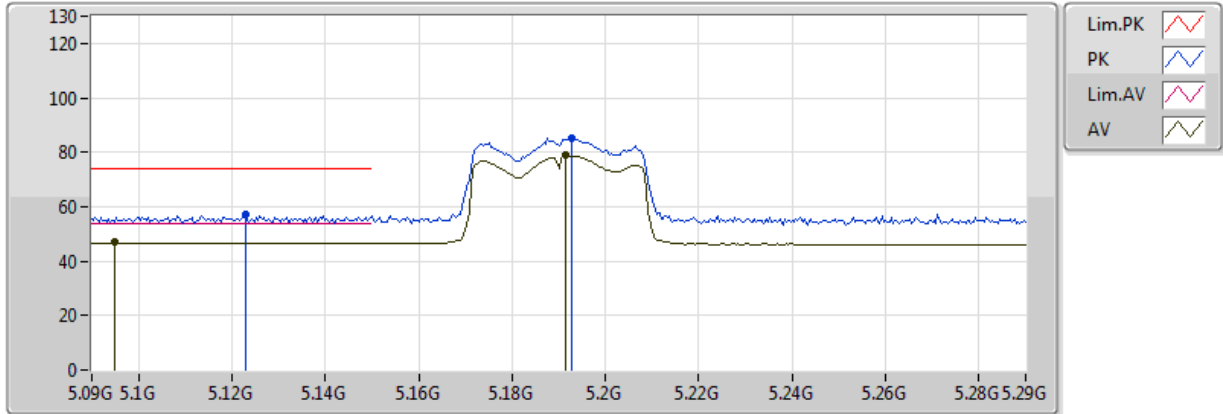


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64982G	47.59	54.00	-6.41	15.74	3	Horizontal	166	3.25	-	31.85	39.33	11.92	35.51
PK	11.65108G	63.80	74.00	-10.20	15.74	3	Horizontal	166	3.25	-	48.06	39.32	11.92	35.51

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/12/2017

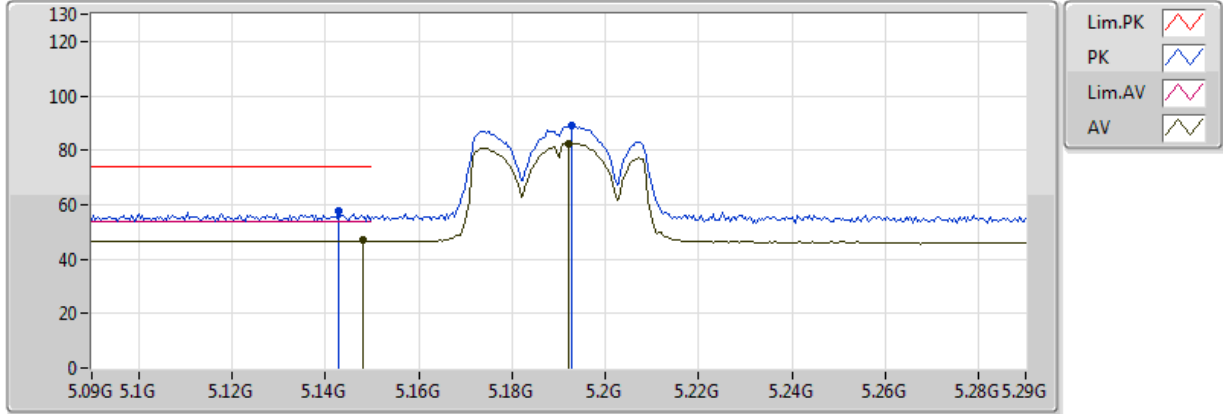


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.0948G	46.79	54.00	-7.21	4.71	3	Vertical	233	2.96	-	42.08	31.58	8.35	35.21
AV	5.1916G	78.77	Inf	-Inf	4.85	3	Vertical	233	2.96	-	73.92	31.65	8.40	35.20
PK	5.1228G	57.07	74.00	-16.93	4.75	3	Vertical	233	2.96	-	52.31	31.60	8.36	35.21
PK	5.1928G	85.33	Inf	-Inf	4.85	3	Vertical	233	2.96	-	80.48	31.65	8.40	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/12/2017

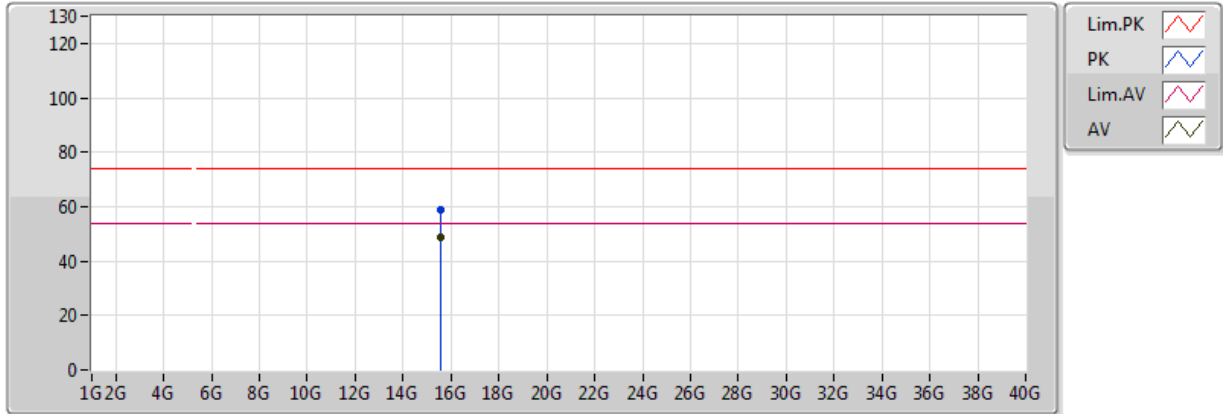


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	46.80	54.00	-7.20	4.79	3	Horizontal	184	1.10	-	42.02	31.62	8.37	35.21
AV	5.192G	82.57	Inf	-Inf	4.85	3	Horizontal	184	1.10	-	77.73	31.65	8.40	35.20
PK	5.1428G	57.86	74.00	-16.14	4.78	3	Horizontal	184	1.10	-	53.08	31.61	8.37	35.21
PK	5.1928G	89.26	Inf	-Inf	4.85	3	Horizontal	184	1.10	-	84.41	31.65	8.40	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/12/2017

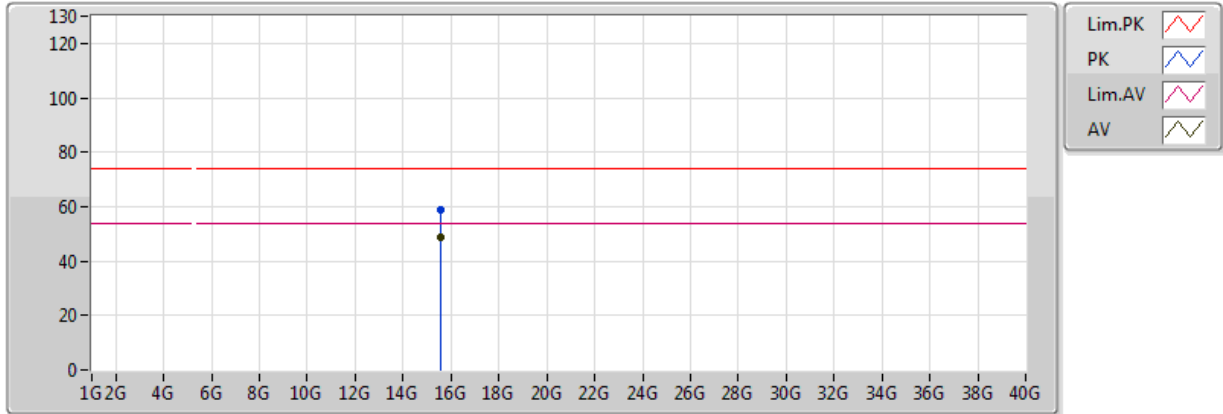


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5736G	48.58	54.00	-5.42	17.04	3	Vertical	353	1.50	-	31.55	38.75	13.75	35.47
PK	15.56622G	59.07	74.00	-14.93	17.06	3	Vertical	353	1.50	-	42.01	38.77	13.75	35.46

802.11n HT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/12/2017

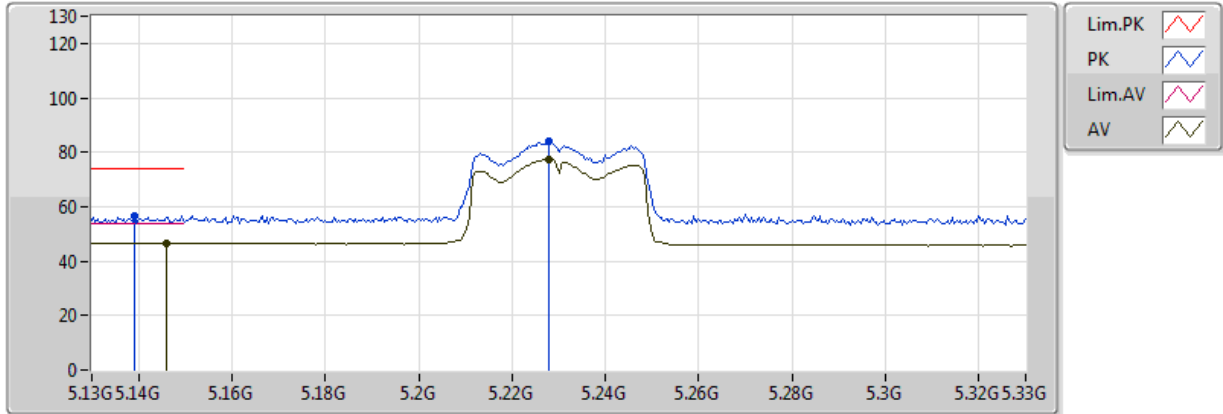


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.57108G	48.57	54.00	-5.43	17.04	3	Horizontal	352	2.35	-	31.52	38.76	13.75	35.47
PK	15.5778G	58.68	74.00	-15.32	17.02	3	Horizontal	352	2.35	-	41.66	38.74	13.76	35.47

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/12/2017

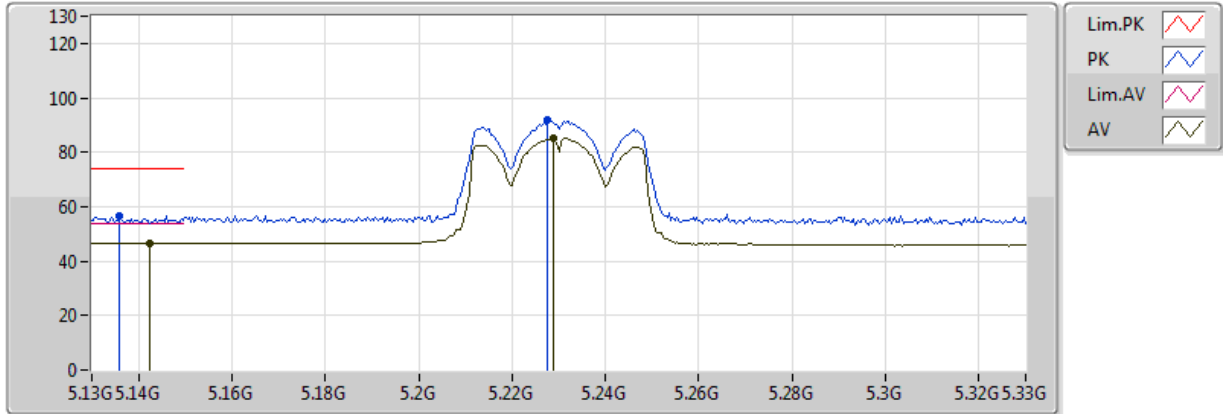


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	46.65	54.00	-7.35	4.78	3	Vertical	235	2.67	-	41.87	31.62	8.37	35.21
AV	5.228G	77.19	Inf	-Inf	4.90	3	Vertical	235	2.67	-	72.29	31.68	8.41	35.20
PK	5.1392G	56.51	74.00	-17.49	4.77	3	Vertical	235	2.67	-	51.73	31.61	8.37	35.21
PK	5.228G	84.20	Inf	-Inf	4.90	3	Vertical	235	2.67	-	79.30	31.68	8.41	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/12/2017

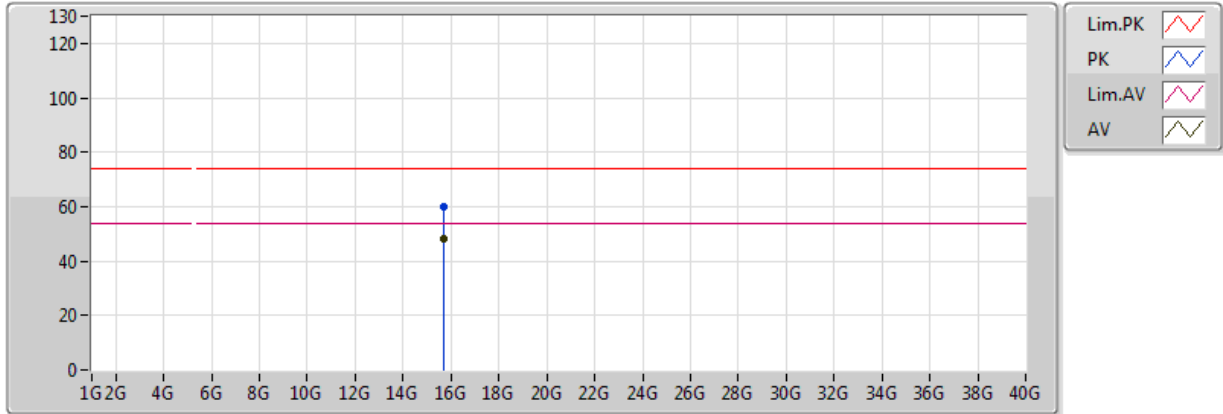


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1424G	46.77	54.00	-7.23	4.78	3	Horizontal	188	3.63	-	41.99	31.61	8.37	35.21
AV	5.2288G	84.99	Inf	-Inf	4.90	3	Horizontal	188	3.63	-	80.09	31.68	8.41	35.20
PK	5.136G	56.58	74.00	-17.42	4.77	3	Horizontal	188	3.63	-	51.81	31.61	8.37	35.21
PK	5.2276G	91.86	Inf	-Inf	4.90	3	Horizontal	188	3.63	-	86.96	31.68	8.41	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/12/2017



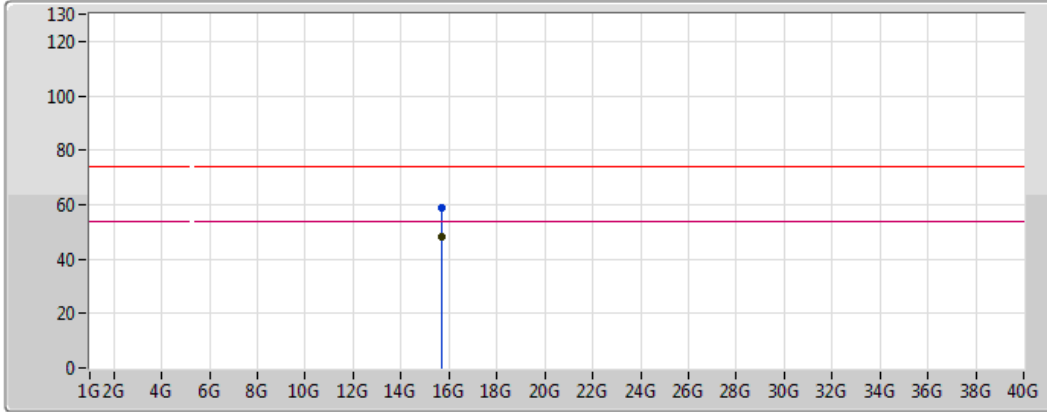
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AV	15.6921G	48.31	54.00	-5.69	16.63	3	Vertical	2	1.75	-	31.69	38.35	13.88	35.60
PK	15.6942G	59.80	74.00	-14.20	16.62	3	Vertical	2	1.75	-	43.18	38.34	13.88	35.60



802.11n HT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/12/2017



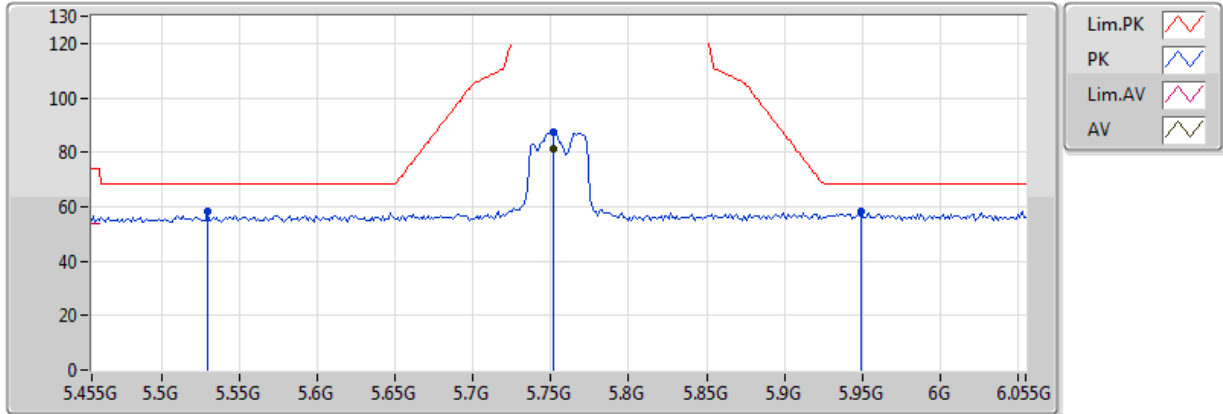
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.70332G	48.25	54.00	-5.75	16.59	3	Horizontal	289	2.53	-	31.67	38.31	13.89	35.61
PK	15.68772G	58.81	74.00	-15.19	16.64	3	Horizontal	289	2.53	-	42.17	38.36	13.88	35.60



802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/12/2017

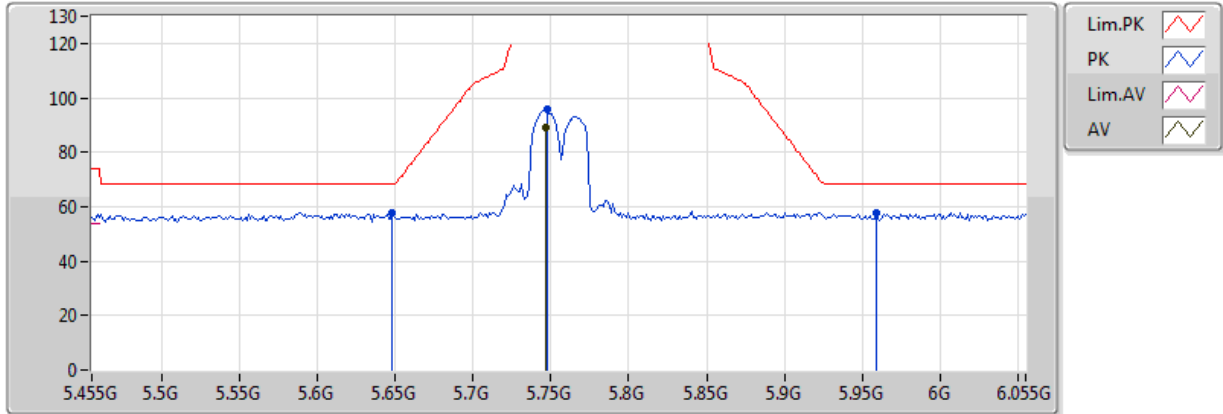


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7514G	81.35	Inf	-Inf	5.90	3	Vertical	190	3.66	-	75.46	32.20	8.88	35.19
PK	5.5294G	58.01	68.20	-10.19	5.33	3	Vertical	190	3.66	-	52.67	31.94	8.57	35.17
PK	5.7514G	87.44	Inf	-Inf	5.90	3	Vertical	190	3.66	-	81.54	32.20	8.88	35.19
PK	5.9494G	58.08	68.20	-10.12	6.40	3	Vertical	190	3.66	-	51.67	32.44	9.16	35.19

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/12/2017

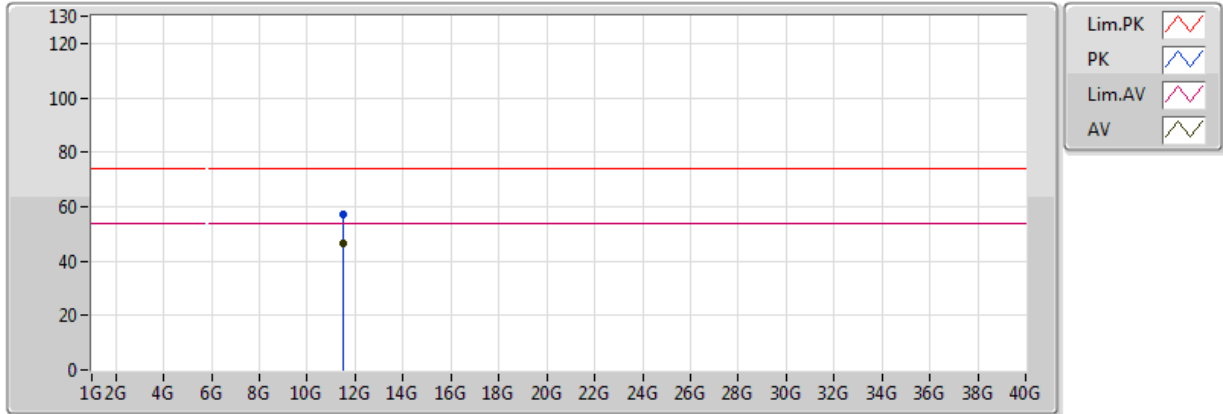


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7466G	88.91	Inf	-Inf	5.89	3	Horizontal	190	3.69	-	83.03	32.20	8.88	35.18
PK	5.6482G	57.89	68.20	-10.31	5.64	3	Horizontal	190	3.69	-	52.26	32.08	8.74	35.18
PK	5.7478G	95.96	Inf	-Inf	5.89	3	Horizontal	190	3.69	-	90.07	32.20	8.88	35.18
PK	5.959G	57.83	68.20	-10.37	6.43	3	Horizontal	190	3.69	-	51.40	32.45	9.17	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/12/2017

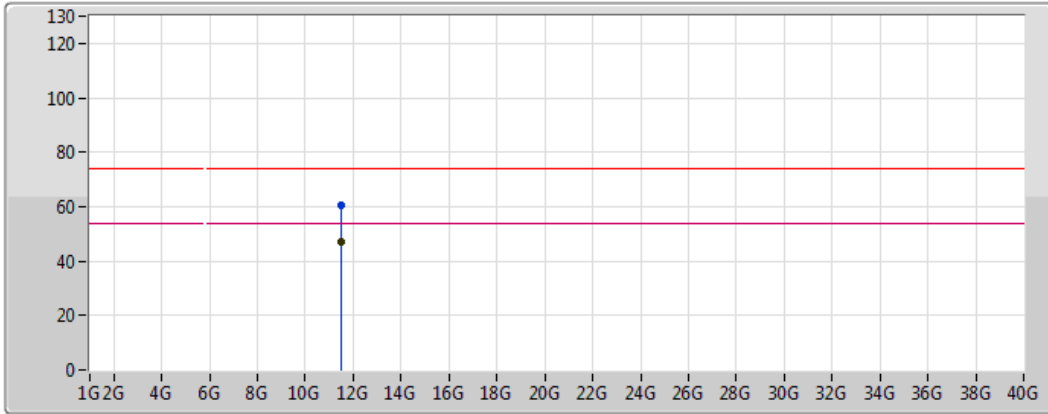






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4968G	46.52	54.00	-7.48	15.93	3	Vertical	38	1.33	-	30.59	39.55	11.86	35.48
PK	11.5142G	56.99	74.00	-17.01	15.91	3	Vertical	38	1.33	-	41.08	39.53	11.87	35.48

802.11n HT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/12/2017



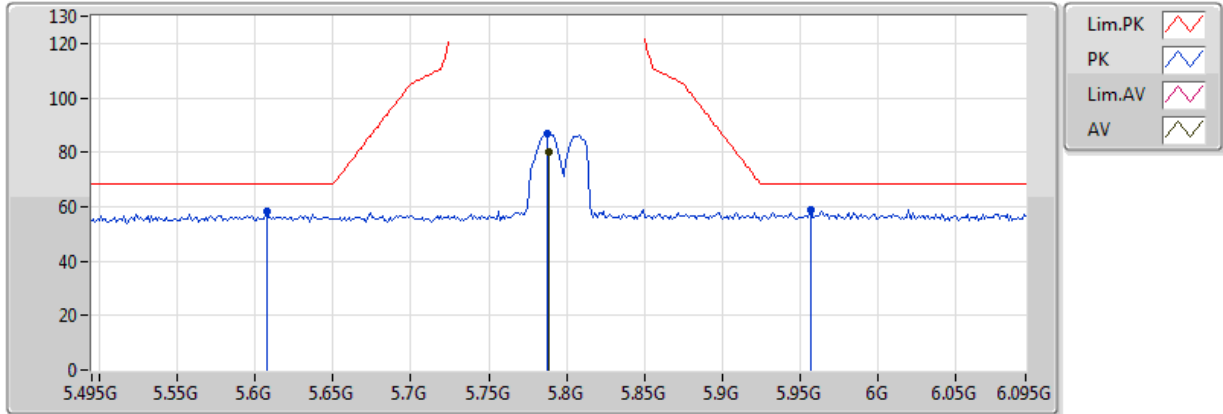
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5058G	47.01	54.00	-6.99	15.92	3	Horizontal	164	3.18	-	31.09	39.54	11.86	35.48
PK	11.50808G	60.67	74.00	-13.33	15.92	3	Horizontal	164	3.18	-	44.75	39.54	11.86	35.48

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/12/2017

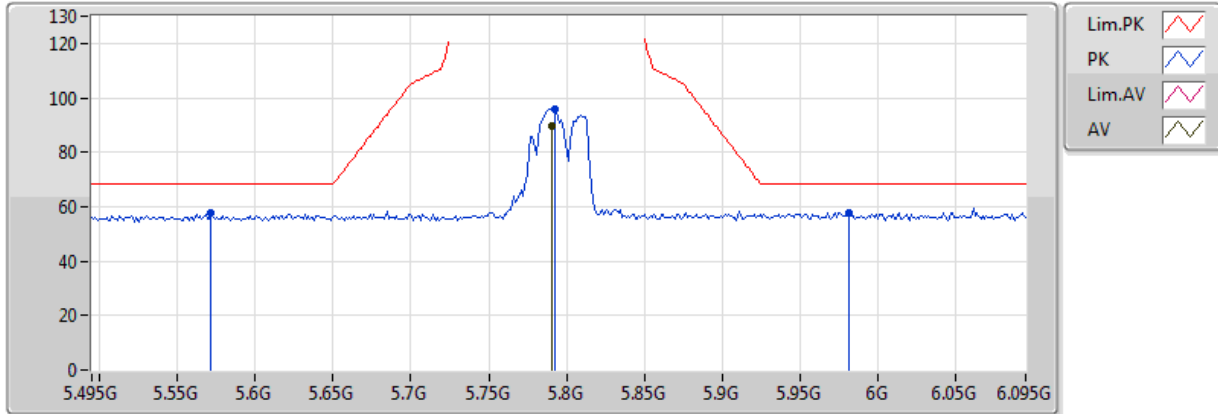


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.789G	80.38	Inf	-Inf	5.99	3	Vertical	240	3.60	-	74.39	32.25	8.93	35.19
PK	5.6078G	58.08	68.20	-10.12	5.53	3	Vertical	240	3.60	-	52.55	32.03	8.68	35.18
PK	5.7878G	87.10	Inf	-Inf	5.99	3	Vertical	240	3.60	-	81.11	32.25	8.93	35.19
PK	5.957G	58.60	68.20	-9.60	6.42	3	Vertical	240	3.60	-	52.18	32.45	9.17	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/12/2017

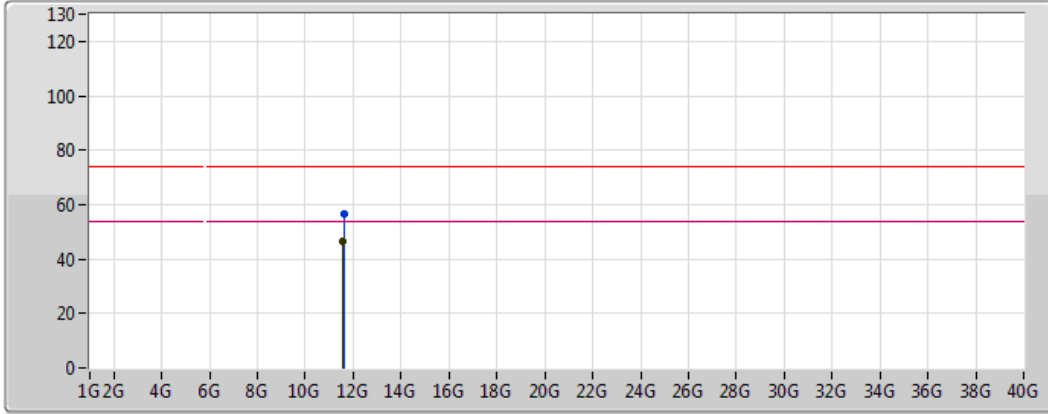






Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7902G	89.63	Inf	-Inf	6.00	3	Horizontal	182	3.62	-	83.63	32.25	8.94	35.19
PK	5.5718G	57.60	68.20	-10.60	5.44	3	Horizontal	182	3.62	-	52.16	31.99	8.63	35.18
PK	5.7926G	95.95	Inf	-Inf	6.00	3	Horizontal	182	3.62	-	89.94	32.25	8.94	35.19
PK	5.981G	57.61	68.20	-10.59	6.48	3	Horizontal	182	3.62	-	51.13	32.48	9.20	35.20

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/12/2017



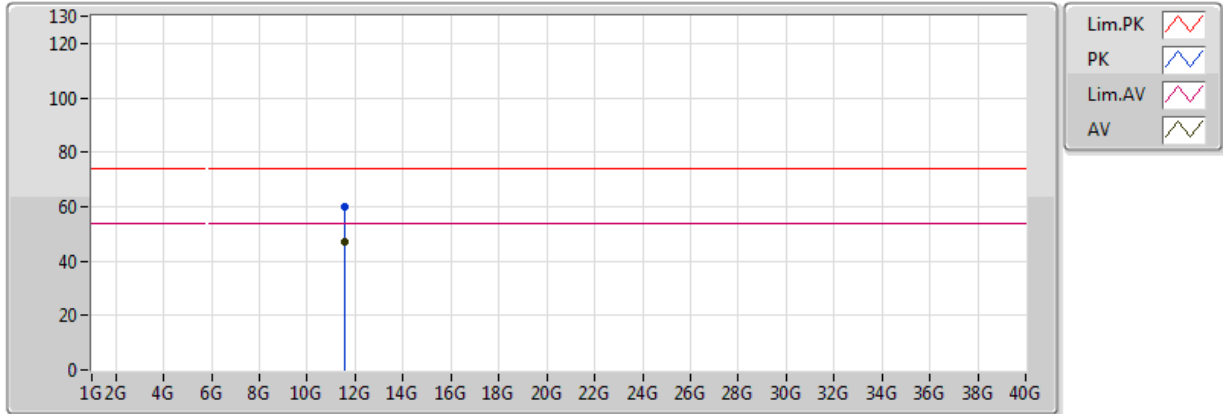
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AV	

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5909G	46.37	54.00	-7.63	15.81	3	Vertical	183	1.47	-	30.55	39.41	11.90	35.50
PK	11.59444G	56.70	74.00	-17.30	15.81	3	Vertical	183	1.47	-	40.89	39.41	11.90	35.50

802.11n HT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/12/2017



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	11.58928G	46.92	54.00	-7.08	15.82	3	Horizontal	167	3.29	-	31.10	39.42	11.90	35.50
PK	11.58742G	59.70	74.00	-14.30	15.82	3	Horizontal	167	3.29	-	43.88	39.42	11.90	35.50