

FCC Test Report

FCC ID : U4FTBII
Equipment : Wireless Equipment
Brand Name : Datalogic
Model Name : TBII
Applicant : Datalogic S.r.l.
Via S.Vitalino, 13 Calderara di Reno
40012 Italy
Manufacturer : SparkLAN Communications, Inc.
8F., No. 257, Sec. 2, Tiding Blvd., Neihsu
District, Taipei 11493, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 13, 2018, and testing was started from Jan. 15, 2019 and completed on Jan. 15, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR8N0727-01AC	01	Initial issue of report	Jan. 24, 2019

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
-	15.207	AC Power-line Conducted Emissions	Not Required	FCC 15.207
-	15.247(a)	DTS Bandwidth	Not Required	≥500kHz
-	15.247(b)	Maximum Conducted Output Power	Not Required	Power [dBm]: 30
-	15.247(e)	Power Spectral Density	Not Required	PSD [dBm/3kHz]: 8
-	15.247(d)	Emissions in Non-restricted Frequency Bands	Not Required	Non-Restricted Bands: > 30 dBc
3.1	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Jackson Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), ac (VHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11ac VHT20	20	2TX
2.4-2.4835GHz	802.11ac VHT40	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.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	HUBER+SUHNER®	1399.99.0149	PCB antenna	Mini i-Pex
2	HUBER+SUHNER®	1399.99.0151	PCB antenna	Mini i-Pex

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	1	1	1
2	2	1	1	-

For 2.4GHz function:

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

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

For BT function:

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

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

For 5GHz function:

For IEEE 802.11 a/n mode (2TX/2RX)

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

1.1.3 EUT Information

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

1.1.4 Table for Permissive Change

This product is an extension of original one reported under FCC ID :U4FTBII (Grant date: December 28, 2018)..Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Antenna 1 and Antenna 2 was added	Radiated Emissions was evaluated

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 558074 D01 v05
- ♦ 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
Radiated	03CH03-HY	Justin	25.3°C / 48%	15/Jan/2019

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)	1.6 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%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

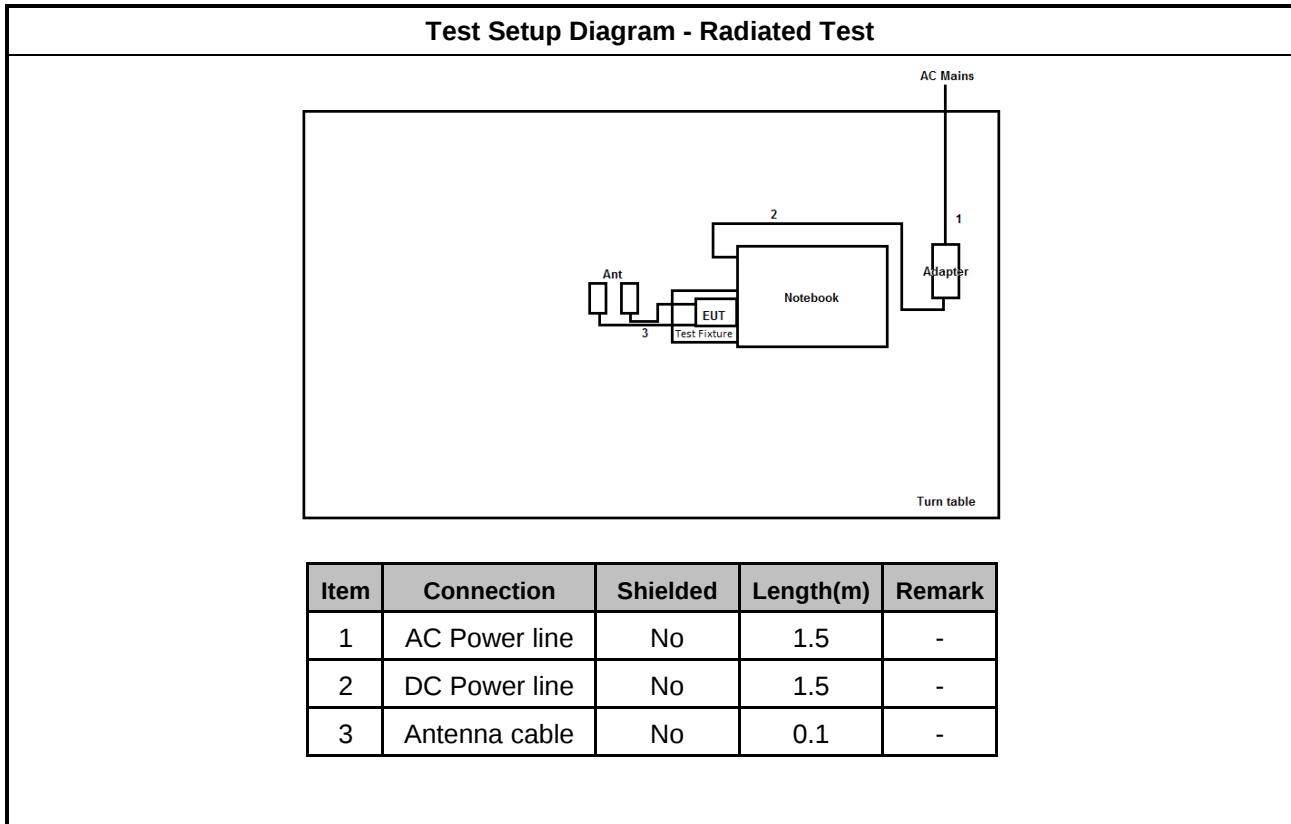
2.1 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in 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	CTX
1	NB Mode
Orthogonal Planes of EUT	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	E4300	DoC
2	AC Adapter for NB	Dell	LA90PS1-00	-
3	Test Fixture	Sporton	-	-

2.3 Test Setup Diagram



3 Transmitter Test Result

3.1 Emissions in Restricted Frequency Bands

3.1.1 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.

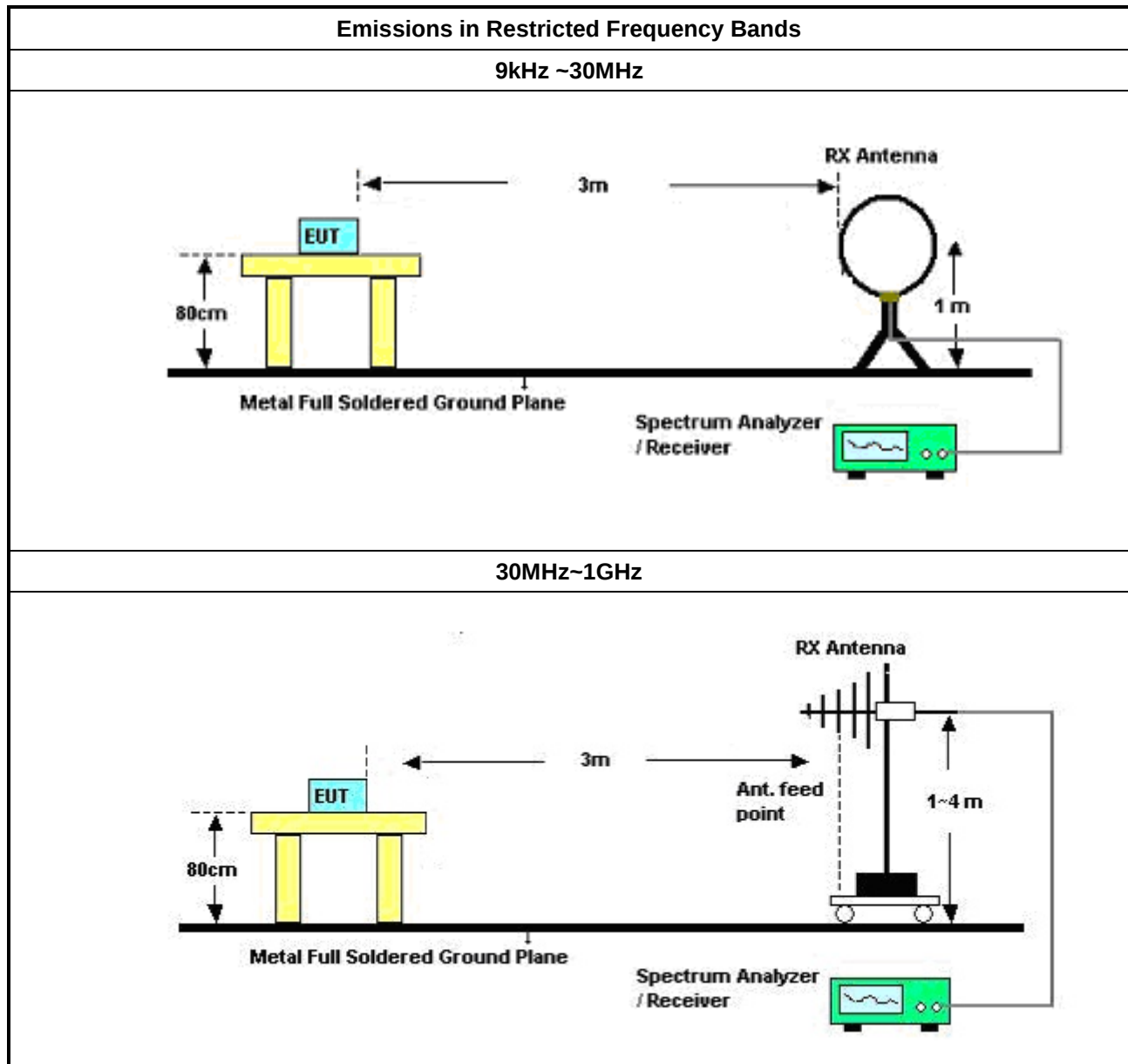
3.1.2 Measuring Instruments

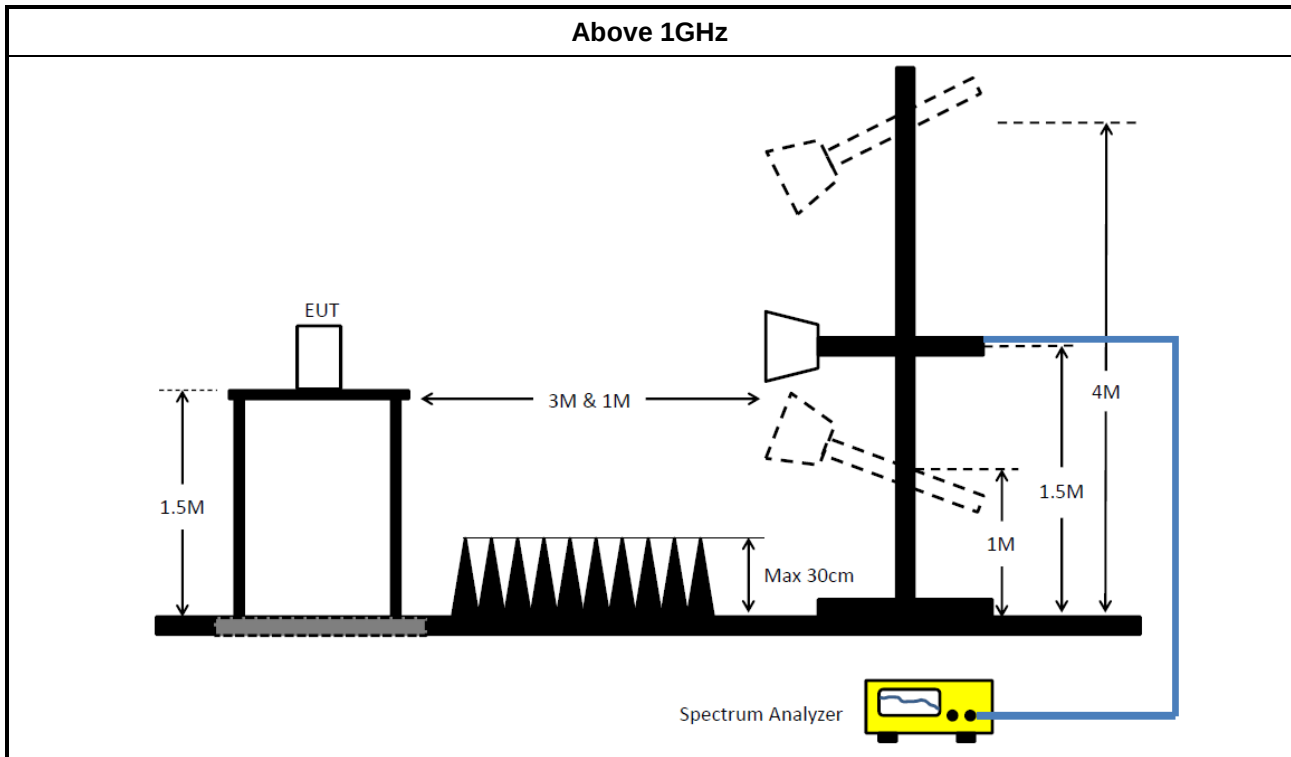
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.

3.1.4 Test Setup





3.1.5 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.

3.1.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix A

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	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Oct/2018	29/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Oct/2018	29/Oct/2019
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	23/Apr/2018	19/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
Bilog Antenna with 5dB Pad	ETS	3142B & MTJ6102-05	00022055	26 MHz - 3 GHz	19/Nov/2018	18/Nov/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	29/Jan/2018	28/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX 106	CB222	1GHz ~ 40GHz	29/Jan/2018	28/Jan/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/ 2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.924G	52.79	54.00	-1.21	6.09	3	Vertical	285	1.05	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4838G	53.32	54.00	-0.68	30.69	3	Vertical	296	1.18	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.68	54.00	-0.32	30.69	3	Vertical	217	1.22	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.80	54.00	-0.20	30.69	3	Vertical	181	1.35	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3826G	46.82	54.00	-7.18	30.35	3	Vertical	197	1.01	-
2412MHz	Pass	AV	2.4128G	103.32	Inf	-Inf	30.45	3	Vertical	197	1.01	-
2412MHz	Pass	PK	2.3862G	58.15	74.00	-15.85	30.37	3	Vertical	197	1.01	-
2412MHz	Pass	PK	2.4128G	106.28	Inf	-Inf	30.45	3	Vertical	197	1.01	-
2412MHz	Pass	AV	2.39G	45.85	54.00	-8.15	30.38	3	Horizontal	297	1.50	-
2412MHz	Pass	AV	2.4128G	101.29	Inf	-Inf	30.45	3	Horizontal	297	1.50	-
2412MHz	Pass	PK	2.3866G	57.63	74.00	-16.37	30.37	3	Horizontal	297	1.50	-
2412MHz	Pass	PK	2.4128G	103.71	Inf	-Inf	30.45	3	Horizontal	297	1.50	-
2412MHz	Pass	AV	4.82394G	47.70	54.00	-6.30	5.89	3	Vertical	317	2.52	-
2412MHz	Pass	PK	4.82394G	51.17	74.00	-22.83	5.89	3	Vertical	317	2.52	-
2412MHz	Pass	AV	4.82397G	45.02	54.00	-8.98	5.89	3	Horizontal	345	2.79	-
2412MHz	Pass	PK	4.82418G	49.83	74.00	-24.17	5.89	3	Horizontal	345	2.79	-
2437MHz	Pass	AV	2.3898G	45.85	54.00	-8.15	30.38	3	Vertical	196	1.33	-
2437MHz	Pass	AV	2.4382G	105.72	Inf	-Inf	30.54	3	Vertical	196	1.33	-
2437MHz	Pass	AV	2.4854G	47.45	54.00	-6.55	30.70	3	Vertical	196	1.33	-
2437MHz	Pass	PK	2.3662G	57.67	74.00	-16.33	30.30	3	Vertical	196	1.33	-
2437MHz	Pass	PK	2.4378G	108.30	Inf	-Inf	30.54	3	Vertical	196	1.33	-
2437MHz	Pass	PK	2.4878G	58.74	74.00	-15.26	30.71	3	Vertical	196	1.33	-
2437MHz	Pass	AV	2.389G	45.55	54.00	-8.45	30.37	3	Horizontal	100	1.06	-
2437MHz	Pass	AV	2.439G	100.97	Inf	-Inf	30.54	3	Horizontal	100	1.06	-
2437MHz	Pass	AV	2.4862G	46.64	54.00	-7.36	30.71	3	Horizontal	100	1.06	-
2437MHz	Pass	PK	2.371G	57.27	74.00	-16.73	30.31	3	Horizontal	100	1.06	-
2437MHz	Pass	PK	2.4378G	103.91	Inf	-Inf	30.54	3	Horizontal	100	1.06	-
2437MHz	Pass	PK	2.4982G	58.58	74.00	-15.42	30.75	3	Horizontal	100	1.06	-
2437MHz	Pass	AV	4.87394G	51.49	54.00	-2.51	6.00	3	Vertical	285	1.11	-
2437MHz	Pass	PK	4.87393G	54.66	74.00	-19.34	6.00	3	Vertical	285	1.11	-
2437MHz	Pass	AV	4.87399G	47.66	54.00	-6.34	6.00	3	Horizontal	338	1.03	-
2437MHz	Pass	PK	4.8739G	51.59	74.00	-22.41	6.00	3	Horizontal	338	1.03	-
2462MHz	Pass	AV	2.4632G	105.74	Inf	-Inf	30.62	3	Vertical	283	1.09	-
2462MHz	Pass	AV	2.4835G	50.51	54.00	-3.49	30.69	3	Vertical	283	1.09	-
2462MHz	Pass	PK	2.4628G	108.58	Inf	-Inf	30.62	3	Vertical	283	1.09	-
2462MHz	Pass	PK	2.4836G	60.83	74.00	-13.17	30.69	3	Vertical	283	1.09	-
2462MHz	Pass	AV	2.4628G	101.24	Inf	-Inf	30.62	3	Horizontal	306	1.50	-
2462MHz	Pass	AV	2.4835G	48.67	54.00	-5.33	30.69	3	Horizontal	306	1.50	-
2462MHz	Pass	PK	2.463G	103.57	Inf	-Inf	30.62	3	Horizontal	306	1.50	-
2462MHz	Pass	PK	2.4858G	59.07	74.00	-14.93	30.71	3	Horizontal	306	1.50	-
2462MHz	Pass	AV	4.924G	52.79	54.00	-1.21	6.09	3	Vertical	285	1.05	-
2462MHz	Pass	PK	4.924G	55.50	74.00	-18.50	6.09	3	Vertical	285	1.05	-
2462MHz	Pass	AV	4.92396G	47.37	54.00	-6.63	6.09	3	Horizontal	338	1.25	-
2462MHz	Pass	PK	4.92399G	51.22	74.00	-22.78	6.09	3	Horizontal	338	1.25	-
2467MHz	Pass	AV	2.4676G	101.99	Inf	-Inf	30.64	3	Vertical	198	1.18	-
2467MHz	Pass	AV	2.4835G	47.70	54.00	-6.30	30.69	3	Vertical	198	1.18	-
2467MHz	Pass	PK	2.4678G	104.55	Inf	-Inf	30.64	3	Vertical	198	1.18	-
2467MHz	Pass	PK	2.4968G	59.04	74.00	-14.96	30.74	3	Vertical	198	1.18	-
2467MHz	Pass	AV	2.4664G	97.57	Inf	-Inf	30.64	3	Horizontal	300	1.50	-
2467MHz	Pass	AV	2.498G	46.68	54.00	-7.32	30.75	3	Horizontal	300	1.50	-
2467MHz	Pass	PK	2.4678G	99.98	Inf	-Inf	30.64	3	Horizontal	300	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2467MHz	Pass	PK	2.4835G	58.22	74.00	-15.78	30.69	3	Horizontal	300	1.50	-
2467MHz	Pass	AV	4.93395G	48.48	54.00	-5.52	6.12	3	Vertical	317	2.78	-
2467MHz	Pass	PK	4.934G	52.56	74.00	-21.44	6.12	3	Vertical	317	2.78	-
2467MHz	Pass	AV	4.93396G	42.74	54.00	-11.26	6.12	3	Horizontal	338	1.00	-
2467MHz	Pass	PK	4.93396G	48.96	74.00	-25.04	6.12	3	Horizontal	338	1.00	-
2472MHz	Pass	AV	2.4726G	96.90	Inf	-Inf	30.65	3	Vertical	285	1.50	-
2472MHz	Pass	AV	2.4835G	48.89	54.00	-5.11	30.69	3	Vertical	285	1.50	-
2472MHz	Pass	PK	2.4728G	100.41	Inf	-Inf	30.65	3	Vertical	285	1.50	-
2472MHz	Pass	PK	2.4835G	59.37	74.00	-14.63	30.69	3	Vertical	285	1.50	-
2472MHz	Pass	AV	2.4712G	94.40	Inf	-Inf	30.65	3	Horizontal	291	1.50	-
2472MHz	Pass	AV	2.4835G	46.90	54.00	-7.10	30.69	3	Horizontal	291	1.50	-
2472MHz	Pass	PK	2.471G	96.67	Inf	-Inf	30.65	3	Horizontal	291	1.50	-
2472MHz	Pass	PK	2.4986G	58.43	74.00	-15.57	30.75	3	Horizontal	291	1.50	-
2472MHz	Pass	AV	4.94396G	41.74	54.00	-12.26	6.13	3	Vertical	292	1.19	-
2472MHz	Pass	PK	4.94396G	48.87	74.00	-25.13	6.13	3	Vertical	292	1.19	-
2472MHz	Pass	PK	4.94364G	46.18	74.00	-27.82	6.13	3	Horizontal	0	1.49	-
2472MHz	Pass	AV	4.94396G	36.13	54.00	-17.87	6.13	3	Horizontal	0	1.49	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	47.84	54.00	-6.16	30.38	3	Vertical	201	1.20	-
2412MHz	Pass	AV	2.4146G	98.24	Inf	-Inf	30.46	3	Vertical	201	1.20	-
2412MHz	Pass	PK	2.3894G	59.27	74.00	-14.73	30.37	3	Vertical	201	1.20	-
2412MHz	Pass	PK	2.4146G	106.34	Inf	-Inf	30.46	3	Vertical	201	1.20	-
2412MHz	Pass	AV	2.3896G	46.90	54.00	-7.10	30.38	3	Horizontal	300	1.21	-
2412MHz	Pass	AV	2.4144G	95.57	Inf	-Inf	30.45	3	Horizontal	300	1.21	-
2412MHz	Pass	PK	2.3818G	57.79	74.00	-16.21	30.35	3	Horizontal	300	1.21	-
2412MHz	Pass	PK	2.415G	103.44	Inf	-Inf	30.47	3	Horizontal	300	1.21	-
2412MHz	Pass	AV	4.824G	41.95	54.00	-12.05	5.89	3	Vertical	286	1.09	-
2412MHz	Pass	PK	4.82352G	52.63	74.00	-21.37	5.89	3	Vertical	286	1.09	-
2412MHz	Pass	AV	4.82394G	37.10	54.00	-16.90	5.89	3	Horizontal	337	1.03	-
2412MHz	Pass	PK	4.82472G	48.50	74.00	-25.50	5.89	3	Horizontal	337	1.03	-
2437MHz	Pass	AV	2.3898G	46.65	54.00	-7.35	30.38	3	Vertical	287	1.00	-
2437MHz	Pass	AV	2.4386G	102.70	Inf	-Inf	30.54	3	Vertical	287	1.00	-
2437MHz	Pass	AV	2.4846G	48.66	54.00	-5.34	30.69	3	Vertical	287	1.00	-
2437MHz	Pass	PK	2.3798G	58.17	74.00	-15.83	30.34	3	Vertical	287	1.00	-
2437MHz	Pass	PK	2.439G	110.37	Inf	-Inf	30.54	3	Vertical	287	1.00	-
2437MHz	Pass	PK	2.4946G	59.42	74.00	-14.58	30.73	3	Vertical	287	1.00	-
2437MHz	Pass	AV	2.3866G	46.35	54.00	-7.65	30.37	3	Horizontal	318	1.11	-
2437MHz	Pass	AV	2.4378G	97.70	Inf	-Inf	30.54	3	Horizontal	318	1.11	-
2437MHz	Pass	AV	2.4926G	47.47	54.00	-6.53	30.72	3	Horizontal	318	1.11	-
2437MHz	Pass	PK	2.3562G	57.25	74.00	-16.75	30.26	3	Horizontal	318	1.11	-
2437MHz	Pass	PK	2.4402G	105.48	Inf	-Inf	30.55	3	Horizontal	318	1.11	-
2437MHz	Pass	PK	2.4886G	58.10	74.00	-15.90	30.71	3	Horizontal	318	1.11	-
2437MHz	Pass	AV	4.87406G	46.47	54.00	-7.53	6.00	3	Vertical	284	1.03	-
2437MHz	Pass	PK	4.8746G	57.43	74.00	-16.57	6.00	3	Vertical	284	1.03	-
2437MHz	Pass	AV	4.87404G	41.01	54.00	-12.99	6.00	3	Horizontal	338	1.04	-
2437MHz	Pass	PK	4.8746G	52.23	74.00	-21.77	6.00	3	Horizontal	338	1.04	-
2462MHz	Pass	AV	2.4636G	99.29	Inf	-Inf	30.62	3	Vertical	295	1.22	-
2462MHz	Pass	AV	2.4836G	52.91	54.00	-1.09	30.69	3	Vertical	295	1.22	-
2462MHz	Pass	PK	2.4586G	107.30	Inf	-Inf	30.61	3	Vertical	295	1.22	-

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	2.4835G	63.76	74.00	-10.24	30.69	3	Vertical	295	1.22	-
2462MHz	Pass	AV	2.4594G	95.23	Inf	-Inf	30.61	3	Horizontal	292	1.18	-
2462MHz	Pass	AV	2.4836G	49.32	54.00	-4.68	30.69	3	Horizontal	292	1.18	-
2462MHz	Pass	PK	2.4594G	103.76	Inf	-Inf	30.61	3	Horizontal	292	1.18	-
2462MHz	Pass	PK	2.4842G	59.99	74.00	-14.01	30.69	3	Horizontal	292	1.18	-
2462MHz	Pass	AV	4.924G	39.99	54.00	-14.01	6.09	3	Vertical	322	2.53	-
2462MHz	Pass	PK	4.91854G	51.11	74.00	-22.89	6.09	3	Vertical	322	2.53	-
2462MHz	Pass	AV	4.92442G	35.78	54.00	-18.22	6.09	3	Horizontal	338	1.14	-
2462MHz	Pass	PK	4.92022G	46.93	74.00	-27.07	6.09	3	Horizontal	338	1.14	-
2467MHz	Pass	AV	2.471G	96.70	Inf	-Inf	30.65	3	Vertical	296	1.18	-
2467MHz	Pass	AV	2.4838G	53.32	54.00	-0.68	30.69	3	Vertical	296	1.18	-
2467MHz	Pass	PK	2.4636G	104.30	Inf	-Inf	30.62	3	Vertical	296	1.18	-
2467MHz	Pass	PK	2.4842G	65.11	74.00	-8.89	30.69	3	Vertical	296	1.18	-
2467MHz	Pass	AV	2.4694G	92.34	Inf	-Inf	30.65	3	Horizontal	291	1.06	-
2467MHz	Pass	AV	2.4842G	49.53	54.00	-4.47	30.69	3	Horizontal	291	1.06	-
2467MHz	Pass	PK	2.4698G	100.42	Inf	-Inf	30.65	3	Horizontal	291	1.06	-
2467MHz	Pass	PK	2.4835G	61.45	74.00	-12.55	30.69	3	Horizontal	291	1.06	-
2467MHz	Pass	AV	4.93388G	37.40	54.00	-16.60	6.12	3	Vertical	358	2.57	-
2467MHz	Pass	PK	4.934G	46.47	74.00	-27.53	6.12	3	Vertical	358	2.57	-
2467MHz	Pass	AV	4.93408G	34.09	54.00	-19.91	6.12	3	Horizontal	358	1.50	-
2467MHz	Pass	PK	4.93389G	45.68	74.00	-28.32	6.12	3	Horizontal	358	1.50	-
2472MHz	Pass	AV	2.474G	87.46	Inf	-Inf	30.66	3	Vertical	279	1.16	-
2472MHz	Pass	AV	2.4835G	51.21	54.00	-2.79	30.69	3	Vertical	279	1.16	-
2472MHz	Pass	PK	2.474G	95.47	Inf	-Inf	30.66	3	Vertical	279	1.16	-
2472MHz	Pass	PK	2.4842G	63.88	74.00	-10.12	30.69	3	Vertical	279	1.16	-
2472MHz	Pass	AV	2.4732G	83.11	Inf	-Inf	30.66	3	Horizontal	318	1.07	-
2472MHz	Pass	AV	2.4835G	48.88	54.00	-5.12	30.69	3	Horizontal	318	1.07	-
2472MHz	Pass	PK	2.4686G	90.88	Inf	-Inf	30.64	3	Horizontal	318	1.07	-
2472MHz	Pass	PK	2.4836G	59.25	74.00	-14.75	30.69	3	Horizontal	318	1.07	-
2472MHz	Pass	AV	4.944G	35.53	54.00	-18.47	6.13	3	Vertical	360	2.48	-
2472MHz	Pass	PK	4.944G	45.84	74.00	-28.16	6.13	3	Vertical	360	2.48	-
2472MHz	Pass	AV	4.94398G	33.55	54.00	-20.45	6.13	3	Horizontal	107	1.50	-
2472MHz	Pass	PK	4.9437G	45.52	74.00	-28.48	6.13	3	Horizontal	107	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	47.93	54.00	-6.07	30.38	3	Vertical	161	1.23	-
2412MHz	Pass	AV	2.415G	98.36	Inf	-Inf	30.47	3	Vertical	161	1.23	-
2412MHz	Pass	PK	2.3888G	59.75	74.00	-14.25	30.37	3	Vertical	161	1.23	-
2412MHz	Pass	PK	2.416G	106.45	Inf	-Inf	30.47	3	Vertical	161	1.23	-
2412MHz	Pass	AV	2.39G	47.00	54.00	-7.00	30.38	3	Horizontal	316	1.59	-
2412MHz	Pass	AV	2.415G	95.25	Inf	-Inf	30.47	3	Horizontal	316	1.59	-
2412MHz	Pass	PK	2.3828G	58.21	74.00	-15.79	30.35	3	Horizontal	316	1.59	-
2412MHz	Pass	PK	2.4158G	103.63	Inf	-Inf	30.47	3	Horizontal	316	1.59	-
2412MHz	Pass	AV	4.8238G	38.92	54.00	-15.08	5.89	3	Vertical	153	1.08	-
2412MHz	Pass	PK	4.8218G	52.51	74.00	-21.49	5.89	3	Vertical	153	1.08	-
2412MHz	Pass	AV	4.8238G	36.18	54.00	-17.82	5.89	3	Horizontal	7	1.20	-
2412MHz	Pass	PK	4.8223G	49.27	74.00	-24.73	5.89	3	Horizontal	7	1.20	-
2437MHz	Pass	AV	2.3898G	46.74	54.00	-7.26	30.38	3	Vertical	195	1.38	-
2437MHz	Pass	AV	2.4394G	101.85	Inf	-Inf	30.54	3	Vertical	195	1.38	-
2437MHz	Pass	AV	2.4838G	48.28	54.00	-5.72	30.69	3	Vertical	195	1.38	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3898G	58.49	74.00	-15.51	30.38	3	Vertical	195	1.38	-
2437MHz	Pass	PK	2.4394G	109.80	Inf	-Inf	30.54	3	Vertical	195	1.38	-
2437MHz	Pass	PK	2.4838G	59.15	74.00	-14.85	30.69	3	Vertical	195	1.38	-
2437MHz	Pass	AV	2.3898G	46.22	54.00	-7.78	30.38	3	Horizontal	317	1.17	-
2437MHz	Pass	AV	2.4398G	98.92	Inf	-Inf	30.55	3	Horizontal	317	1.17	-
2437MHz	Pass	AV	2.4858G	47.55	54.00	-6.45	30.71	3	Horizontal	317	1.17	-
2437MHz	Pass	PK	2.3842G	58.16	74.00	-15.84	30.36	3	Horizontal	317	1.17	-
2437MHz	Pass	PK	2.4406G	106.97	Inf	-Inf	30.55	3	Horizontal	317	1.17	-
2437MHz	Pass	PK	2.4858G	58.48	74.00	-15.52	30.71	3	Horizontal	317	1.17	-
2437MHz	Pass	AV	4.87376G	45.80	54.00	-8.20	6.00	3	Vertical	151	1.08	-
2437MHz	Pass	AV	7.31814G	39.22	54.00	-14.78	11.25	3	Vertical	15	1.62	-
2437MHz	Pass	PK	4.87208G	59.56	74.00	-14.44	6.00	3	Vertical	151	1.08	-
2437MHz	Pass	PK	7.31844G	51.80	74.00	-22.20	11.25	3	Vertical	15	1.62	-
2437MHz	Pass	AV	4.87268G	41.39	54.00	-12.61	6.00	3	Horizontal	0	1.00	-
2437MHz	Pass	AV	7.31046G	39.36	54.00	-14.64	11.22	3	Horizontal	360	1.49	-
2437MHz	Pass	PK	4.87184G	54.90	74.00	-19.10	6.00	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	7.30296G	51.24	74.00	-22.76	11.20	3	Horizontal	360	1.49	-
2462MHz	Pass	AV	2.4606G	98.82	Inf	-Inf	30.62	3	Vertical	217	1.30	-
2462MHz	Pass	AV	2.4835G	53.28	54.00	-0.72	30.69	3	Vertical	217	1.30	-
2462MHz	Pass	PK	2.4636G	107.42	Inf	-Inf	30.62	3	Vertical	217	1.30	-
2462MHz	Pass	PK	2.4835G	65.92	74.00	-8.08	30.69	3	Vertical	217	1.30	-
2462MHz	Pass	AV	2.4588G	95.13	Inf	-Inf	30.61	3	Horizontal	314	1.58	-
2462MHz	Pass	AV	2.4835G	50.78	54.00	-3.22	30.69	3	Horizontal	314	1.58	-
2462MHz	Pass	PK	2.4582G	103.89	Inf	-Inf	30.61	3	Horizontal	314	1.58	-
2462MHz	Pass	PK	2.4836G	62.08	74.00	-11.92	30.69	3	Horizontal	314	1.58	-
2462MHz	Pass	AV	4.92382G	37.32	54.00	-16.68	6.09	3	Vertical	152	1.01	-
2462MHz	Pass	AV	7.37592G	38.97	54.00	-15.03	11.40	3	Vertical	20	1.48	-
2462MHz	Pass	PK	4.92214G	50.60	74.00	-23.40	6.09	3	Vertical	152	1.01	-
2462MHz	Pass	PK	7.38234G	51.05	74.00	-22.95	11.40	3	Vertical	20	1.48	-
2462MHz	Pass	AV	4.9234G	35.52	54.00	-18.48	6.09	3	Horizontal	0	1.04	-
2462MHz	Pass	AV	7.3794G	38.94	54.00	-15.06	11.41	3	Horizontal	352	1.44	-
2462MHz	Pass	PK	4.92412G	48.09	74.00	-25.91	6.09	3	Horizontal	0	1.04	-
2462MHz	Pass	PK	7.37178G	50.47	74.00	-23.53	11.38	3	Horizontal	352	1.44	-
2467MHz	Pass	AV	2.4684G	96.82	Inf	-Inf	30.64	3	Vertical	217	1.22	-
2467MHz	Pass	AV	2.4835G	53.68	54.00	-0.32	30.69	3	Vertical	217	1.22	-
2467MHz	Pass	PK	2.4686G	104.85	Inf	-Inf	30.64	3	Vertical	217	1.22	-
2467MHz	Pass	PK	2.4846G	65.59	74.00	-8.41	30.69	3	Vertical	217	1.22	-
2467MHz	Pass	AV	2.4702G	93.21	Inf	-Inf	30.65	3	Horizontal	317	1.17	-
2467MHz	Pass	AV	2.4835G	51.97	54.00	-2.03	30.69	3	Horizontal	317	1.17	-
2467MHz	Pass	PK	2.471G	101.62	Inf	-Inf	30.65	3	Horizontal	317	1.17	-
2467MHz	Pass	PK	2.4835G	64.55	74.00	-9.45	30.69	3	Horizontal	317	1.17	-
2467MHz	Pass	AV	4.93388G	36.03	54.00	-17.97	6.12	3	Vertical	194	1.15	-
2467MHz	Pass	PK	4.93742G	48.04	74.00	-25.96	6.12	3	Vertical	194	1.15	-
2467MHz	Pass	AV	4.93388G	34.18	54.00	-19.82	6.12	3	Horizontal	2	1.50	-
2467MHz	Pass	PK	4.93238G	46.89	74.00	-27.11	6.12	3	Horizontal	2	1.50	-
2472MHz	Pass	AV	2.469G	81.70	Inf	-Inf	30.65	3	Vertical	313	1.13	-
2472MHz	Pass	AV	2.4835G	48.52	54.00	-5.48	30.69	3	Vertical	313	1.13	-
2472MHz	Pass	PK	2.4682G	90.38	Inf	-Inf	30.64	3	Vertical	313	1.13	-
2472MHz	Pass	PK	2.4836G	60.43	74.00	-13.57	30.69	3	Vertical	313	1.13	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2472MHz	Pass	AV	2.4688G	81.95	Inf	-Inf	30.65	3	Horizontal	314	1.16	-
2472MHz	Pass	AV	2.4835G	48.52	54.00	-5.48	30.69	3	Horizontal	314	1.16	-
2472MHz	Pass	PK	2.4682G	90.64	Inf	-Inf	30.64	3	Horizontal	314	1.16	-
2472MHz	Pass	PK	2.4835G	61.55	74.00	-12.45	30.69	3	Horizontal	314	1.16	-
2472MHz	Pass	AV	4.94382G	33.76	54.00	-20.24	6.13	3	Vertical	143	2.40	-
2472MHz	Pass	AV	7.40634G	38.63	54.00	-15.37	11.48	3	Vertical	43	1.50	-
2472MHz	Pass	PK	4.93896G	45.90	74.00	-28.10	6.12	3	Vertical	143	2.40	-
2472MHz	Pass	PK	7.43094G	51.02	74.00	-22.98	11.55	3	Vertical	43	1.50	-
2472MHz	Pass	AV	4.95666G	33.60	54.00	-20.40	6.17	3	Horizontal	46	1.50	-
2472MHz	Pass	AV	7.42716G	38.70	54.00	-15.30	11.53	3	Horizontal	0	1.50	-
2472MHz	Pass	PK	4.9383G	45.58	74.00	-28.42	6.12	3	Horizontal	46	1.50	-
2472MHz	Pass	PK	7.40592G	50.83	74.00	-23.17	11.49	3	Horizontal	0	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	48.35	54.00	-5.65	30.37	3	Vertical	163	1.24	-
2422MHz	Pass	AV	2.4268G	91.55	Inf	-Inf	30.50	3	Vertical	163	1.24	-
2422MHz	Pass	AV	2.484G	48.98	54.00	-5.02	30.69	3	Vertical	163	1.24	-
2422MHz	Pass	PK	2.3816G	61.58	74.00	-12.42	30.35	3	Vertical	163	1.24	-
2422MHz	Pass	PK	2.4172G	99.16	Inf	-Inf	30.47	3	Vertical	163	1.24	-
2422MHz	Pass	PK	2.4844G	60.14	74.00	-13.86	30.69	3	Vertical	163	1.24	-
2422MHz	Pass	AV	2.3892G	47.46	54.00	-6.54	30.37	3	Horizontal	316	1.13	-
2422MHz	Pass	AV	2.4268G	89.40	Inf	-Inf	30.50	3	Horizontal	316	1.13	-
2422MHz	Pass	AV	2.4984G	48.10	54.00	-5.90	30.75	3	Horizontal	316	1.13	-
2422MHz	Pass	PK	2.3892G	59.81	74.00	-14.19	30.37	3	Horizontal	316	1.13	-
2422MHz	Pass	PK	2.4264G	96.94	Inf	-Inf	30.50	3	Horizontal	316	1.13	-
2422MHz	Pass	PK	2.4888G	58.27	74.00	-15.73	30.71	3	Horizontal	316	1.13	-
2422MHz	Pass	AV	4.84406G	36.75	54.00	-17.25	5.93	3	Vertical	0	1.01	-
2422MHz	Pass	AV	7.27188G	40.10	54.00	-13.90	11.12	3	Vertical	39	1.50	-
2422MHz	Pass	PK	4.84388G	46.08	74.00	-27.92	5.93	3	Vertical	0	1.01	-
2422MHz	Pass	PK	7.28028G	50.78	74.00	-23.22	11.14	3	Vertical	39	1.50	-
2422MHz	Pass	AV	4.84394G	34.41	54.00	-19.59	5.93	3	Horizontal	12	1.01	-
2422MHz	Pass	AV	7.25808G	39.84	54.00	-14.16	11.08	3	Horizontal	254	1.32	-
2422MHz	Pass	PK	4.84934G	44.81	74.00	-29.19	5.94	3	Horizontal	12	1.01	-
2422MHz	Pass	PK	7.2588G	51.07	74.00	-22.93	11.08	3	Horizontal	254	1.32	-
2437MHz	Pass	AV	2.3898G	48.78	54.00	-5.22	30.38	3	Vertical	181	1.35	-
2437MHz	Pass	AV	2.4462G	96.70	Inf	-Inf	30.57	3	Vertical	181	1.35	-
2437MHz	Pass	AV	2.4835G	53.80	54.00	-0.20	30.69	3	Vertical	181	1.35	-
2437MHz	Pass	PK	2.3878G	62.63	74.00	-11.37	30.37	3	Vertical	181	1.35	-
2437MHz	Pass	PK	2.4462G	104.16	Inf	-Inf	30.57	3	Vertical	181	1.35	-
2437MHz	Pass	PK	2.487G	63.65	74.00	-10.35	30.71	3	Vertical	181	1.35	-
2437MHz	Pass	AV	2.3898G	48.15	54.00	-5.85	30.38	3	Horizontal	315	1.35	-
2437MHz	Pass	AV	2.4414G	93.88	Inf	-Inf	30.55	3	Horizontal	315	1.35	-
2437MHz	Pass	AV	2.4835G	52.42	54.00	-1.58	30.69	3	Horizontal	315	1.35	-
2437MHz	Pass	PK	2.3866G	61.22	74.00	-12.78	30.37	3	Horizontal	315	1.35	-
2437MHz	Pass	PK	2.4418G	101.95	Inf	-Inf	30.55	3	Horizontal	315	1.35	-
2437MHz	Pass	PK	2.4835G	62.31	74.00	-11.69	30.69	3	Horizontal	315	1.35	-
2437MHz	Pass	AV	4.87382G	40.33	54.00	-13.67	6.00	3	Vertical	87	1.01	-
2437MHz	Pass	AV	7.32288G	39.88	54.00	-14.12	11.25	3	Vertical	0	3.00	-
2437MHz	Pass	PK	4.87442G	50.92	74.00	-23.08	6.00	3	Vertical	87	1.01	-
2437MHz	Pass	PK	7.3089G	50.62	74.00	-23.38	11.21	3	Vertical	0	2.94	-

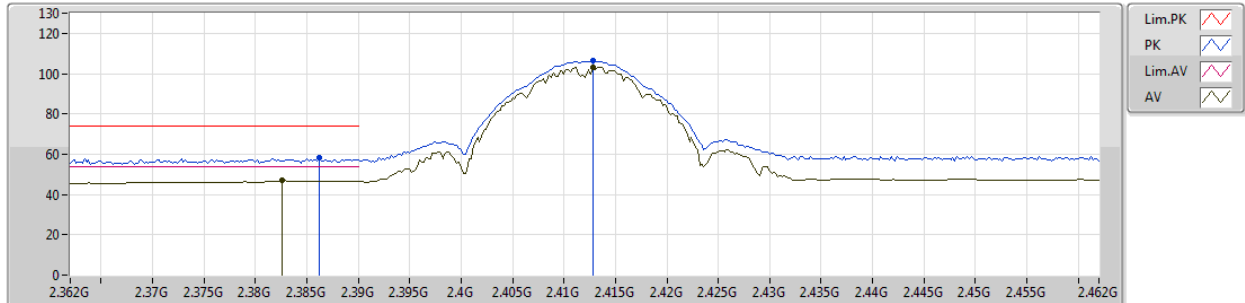
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.87424G	38.10	54.00	-15.90	6.00	3	Horizontal	7	1.19	-
2437MHz	Pass	AV	7.31784G	39.80	54.00	-14.20	11.25	3	Horizontal	39	1.50	-
2437MHz	Pass	PK	4.87364G	48.12	74.00	-25.88	6.00	3	Horizontal	7	1.19	-
2437MHz	Pass	PK	7.3002G	50.94	74.00	-23.06	11.19	3	Horizontal	39	1.50	-
2452MHz	Pass	AV	2.3896G	47.47	54.00	-6.53	30.38	3	Vertical	216	1.30	-
2452MHz	Pass	AV	2.4604G	91.63	Inf	-Inf	30.61	3	Vertical	216	1.30	-
2452MHz	Pass	AV	2.4835G	49.62	54.00	-4.38	30.69	3	Vertical	216	1.30	-
2452MHz	Pass	PK	2.382G	57.88	74.00	-16.12	30.35	3	Vertical	216	1.30	-
2452MHz	Pass	PK	2.4612G	98.93	Inf	-Inf	30.62	3	Vertical	216	1.30	-
2452MHz	Pass	PK	2.4848G	62.54	74.00	-11.46	30.69	3	Vertical	216	1.30	-
2452MHz	Pass	AV	2.3832G	46.91	54.00	-7.09	30.35	3	Horizontal	318	1.09	-
2452MHz	Pass	AV	2.4584G	87.81	Inf	-Inf	30.61	3	Horizontal	318	1.09	-
2452MHz	Pass	AV	2.4852G	48.99	54.00	-5.01	30.70	3	Horizontal	318	1.09	-
2452MHz	Pass	PK	2.39G	57.63	74.00	-16.37	30.38	3	Horizontal	318	1.09	-
2452MHz	Pass	PK	2.458G	95.38	Inf	-Inf	30.61	3	Horizontal	318	1.09	-
2452MHz	Pass	PK	2.4835G	59.72	74.00	-14.28	30.69	3	Horizontal	318	1.09	-
2452MHz	Pass	AV	4.90382G	35.82	54.00	-18.18	6.06	3	Vertical	191	1.22	-
2452MHz	Pass	AV	7.36056G	39.78	54.00	-14.22	11.35	3	Vertical	52	1.72	-
2452MHz	Pass	PK	4.90664G	46.23	74.00	-27.77	6.06	3	Vertical	191	1.22	-
2452MHz	Pass	PK	7.34268G	51.14	74.00	-22.86	11.31	3	Vertical	52	1.72	-
2452MHz	Pass	AV	4.91612G	34.29	54.00	-19.71	6.08	3	Horizontal	187	1.59	-
2452MHz	Pass	AV	7.3635G	39.92	54.00	-14.08	11.37	3	Horizontal	31	1.50	-
2452MHz	Pass	PK	4.91054G	45.08	74.00	-28.92	6.07	3	Horizontal	187	1.59	-
2452MHz	Pass	PK	7.3674G	50.61	74.00	-23.39	11.38	3	Horizontal	31	1.50	-
2457MHz	Pass	AV	2.3894G	47.92	54.00	-6.08	30.37	3	Vertical	163	1.19	-
2457MHz	Pass	AV	2.4602G	92.34	Inf	-Inf	30.61	3	Vertical	163	1.19	-
2457MHz	Pass	AV	2.4835G	51.64	54.00	-2.36	30.69	3	Vertical	163	1.19	-
2457MHz	Pass	PK	2.3894G	57.82	74.00	-16.18	30.37	3	Vertical	163	1.19	-
2457MHz	Pass	PK	2.4606G	99.99	Inf	-Inf	30.62	3	Vertical	163	1.19	-
2457MHz	Pass	PK	2.485G	65.33	74.00	-8.67	30.69	3	Vertical	163	1.19	-
2457MHz	Pass	AV	2.387G	46.95	54.00	-7.05	30.37	3	Horizontal	316	1.11	-
2457MHz	Pass	AV	2.4618G	88.87	Inf	-Inf	30.62	3	Horizontal	316	1.11	-
2457MHz	Pass	AV	2.4835G	50.22	54.00	-3.78	30.69	3	Horizontal	316	1.11	-
2457MHz	Pass	PK	2.3866G	57.37	74.00	-16.63	30.37	3	Horizontal	316	1.11	-
2457MHz	Pass	PK	2.4618G	96.18	Inf	-Inf	30.62	3	Horizontal	316	1.11	-
2457MHz	Pass	PK	2.4838G	63.26	74.00	-10.74	30.69	3	Horizontal	316	1.11	-
2457MHz	Pass	AV	4.914G	36.35	54.00	-17.65	6.08	3	Vertical	192	1.36	-
2457MHz	Pass	AV	7.37532G	39.80	54.00	-14.20	11.40	3	Vertical	313	1.79	-
2457MHz	Pass	PK	4.91382G	45.68	74.00	-28.32	6.08	3	Vertical	192	1.36	-
2457MHz	Pass	PK	7.35666G	50.57	74.00	-23.43	11.34	3	Vertical	313	1.79	-
2457MHz	Pass	AV	4.90854G	34.17	54.00	-19.83	6.06	3	Horizontal	0	1.50	-
2457MHz	Pass	AV	7.36272G	39.76	54.00	-14.24	11.36	3	Horizontal	322	1.50	-
2457MHz	Pass	PK	4.9149G	45.28	74.00	-28.72	6.08	3	Horizontal	0	1.50	-
2457MHz	Pass	PK	7.36356G	50.52	74.00	-23.48	11.37	3	Horizontal	322	1.50	-
2462MHz	Pass	AV	2.3896G	46.99	54.00	-7.01	30.38	3	Vertical	218	1.21	-
2462MHz	Pass	AV	2.4708G	84.46	Inf	-Inf	30.65	3	Vertical	218	1.21	-
2462MHz	Pass	AV	2.4835G	52.12	54.00	-1.88	30.69	3	Vertical	218	1.21	-
2462MHz	Pass	PK	2.3884G	57.25	74.00	-16.75	30.37	3	Vertical	218	1.21	-
2462MHz	Pass	PK	2.4712G	91.71	Inf	-Inf	30.65	3	Vertical	218	1.21	-

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	2.484G	64.73	74.00	-9.27	30.69	3	Vertical	218	1.21	-
2462MHz	Pass	AV	2.382G	46.91	54.00	-7.09	30.35	3	Horizontal	316	1.15	-
2462MHz	Pass	AV	2.4668G	80.25	Inf	-Inf	30.64	3	Horizontal	316	1.15	-
2462MHz	Pass	AV	2.4835G	48.97	54.00	-5.03	30.69	3	Horizontal	316	1.15	-
2462MHz	Pass	PK	2.37G	57.29	74.00	-16.71	30.31	3	Horizontal	316	1.15	-
2462MHz	Pass	PK	2.4664G	87.72	Inf	-Inf	30.64	3	Horizontal	316	1.15	-
2462MHz	Pass	PK	2.4835G	60.87	74.00	-13.13	30.69	3	Horizontal	316	1.15	-
2462MHz	Pass	AV	4.9237G	34.89	54.00	-19.11	6.09	3	Vertical	196	1.15	-
2462MHz	Pass	AV	7.37574G	39.87	54.00	-14.13	11.40	3	Vertical	228	2.51	-
2462MHz	Pass	PK	4.92628G	45.49	74.00	-28.51	6.10	3	Vertical	196	1.15	-
2462MHz	Pass	PK	7.37724G	50.44	74.00	-23.56	11.40	3	Vertical	228	2.14	-
2462MHz	Pass	AV	4.91056G	34.30	54.00	-19.70	6.07	3	Horizontal	254	1.36	-
2462MHz	Pass	AV	7.38318G	39.63	54.00	-14.37	11.41	3	Horizontal	122	1.05	-
2462MHz	Pass	PK	4.92922G	45.23	74.00	-28.77	6.10	3	Horizontal	254	1.36	-
2462MHz	Pass	PK	7.3752G	50.75	74.00	-23.25	11.40	3	Horizontal	122	1.05	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2412MHz_TX

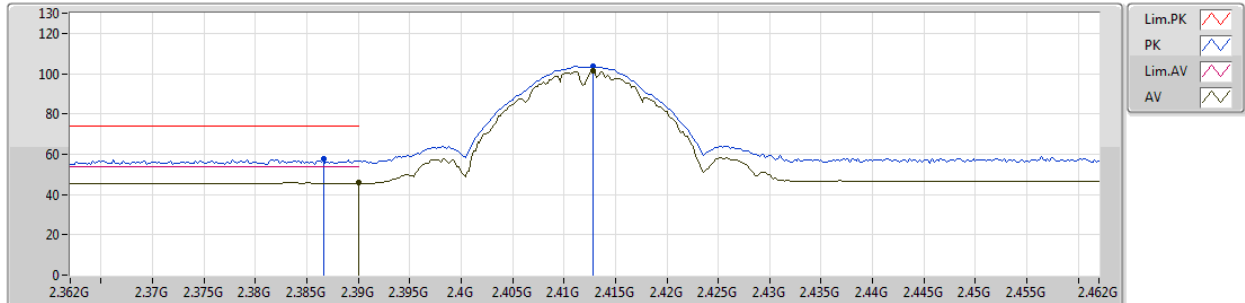


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3826G	46.82	54.00	-7.18	30.35	3	Vertical	197	1.01	-
AV	2.4128G	103.32	Inf	-Inf	30.45	3	Vertical	197	1.01	-
PK	2.3862G	58.15	74.00	-15.85	30.37	3	Vertical	197	1.01	-
PK	2.4128G	106.28	Inf	-Inf	30.45	3	Vertical	197	1.01	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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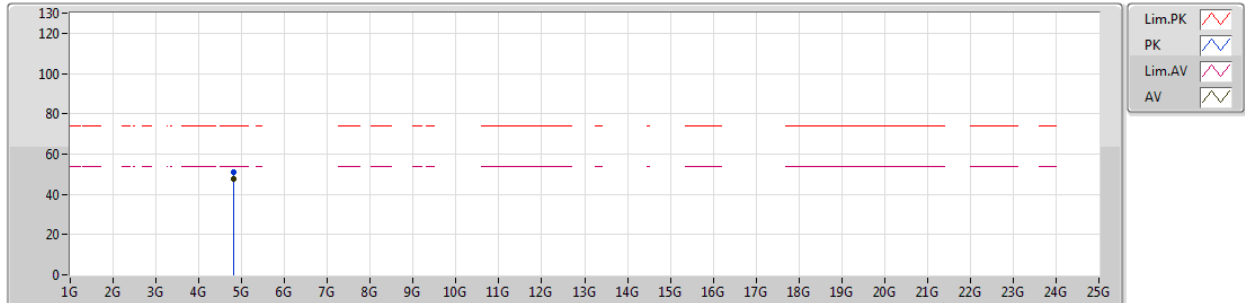


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	45.85	54.00	-8.15	30.38	3	Horizontal	297	1.50	-
AV	2.4128G	101.29	Inf	-Inf	30.45	3	Horizontal	297	1.50	-
PK	2.3866G	57.63	74.00	-16.37	30.37	3	Horizontal	297	1.50	-
PK	2.4128G	103.71	Inf	-Inf	30.45	3	Horizontal	297	1.50	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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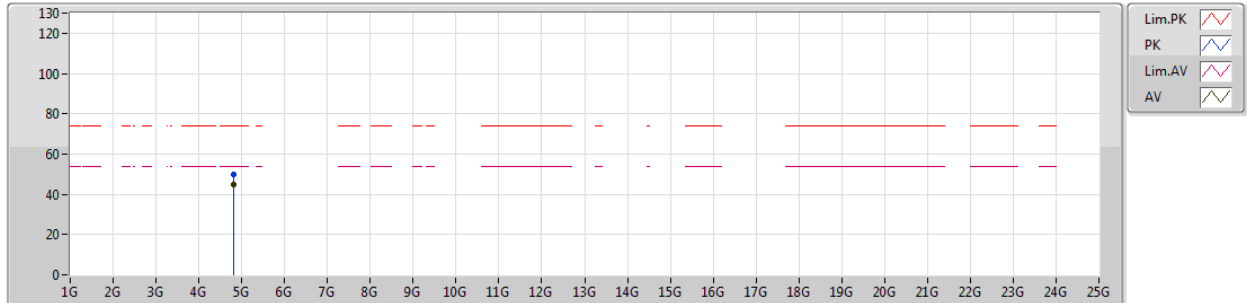


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)		(dB)	(m)		(°)	(m)									
AV	4.82394G	47.70	54.00	-6.30	5.89	3	Vertical	317	2.52	-								
PK	4.82394G	51.17	74.00	-22.83	5.89	3	Vertical	317	2.52	-								

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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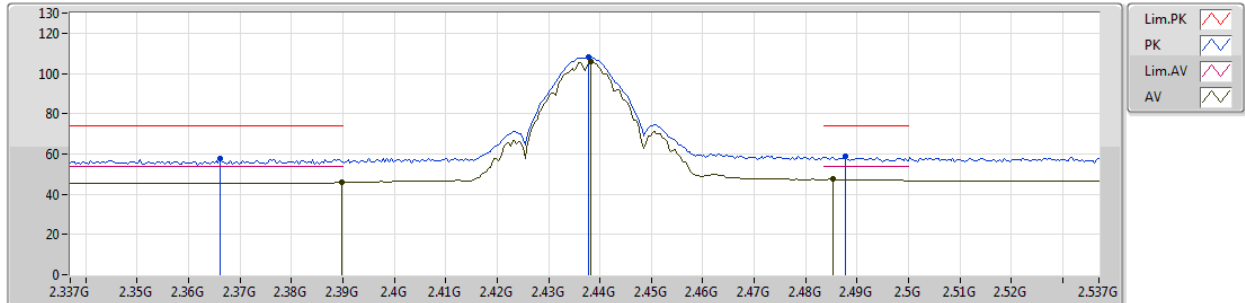


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82397G	45.02	54.00	-8.98	5.89	3	Horizontal	345	2.79	-
PK	4.82418G	49.83	74.00	-24.17	5.89	3	Horizontal	345	2.79	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2437MHz_TX

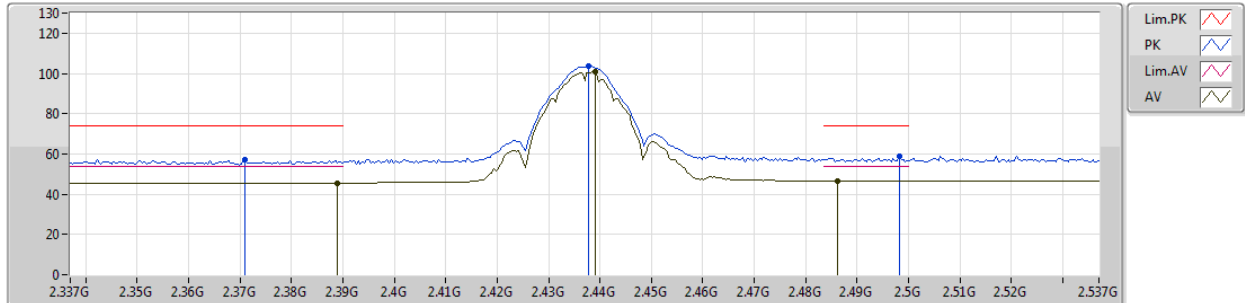


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	45.85	54.00	-8.15	30.38	3	Vertical	196	1.33	-
AV	2.4382G	105.72	Inf	-Inf	30.54	3	Vertical	196	1.33	-
AV	2.4854G	47.45	54.00	-6.55	30.70	3	Vertical	196	1.33	-
PK	2.3662G	57.67	74.00	-16.33	30.30	3	Vertical	196	1.33	-
PK	2.4378G	108.30	Inf	-Inf	30.54	3	Vertical	196	1.33	-
PK	2.4878G	58.74	74.00	-15.26	30.71	3	Vertical	196	1.33	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2437MHz_TX

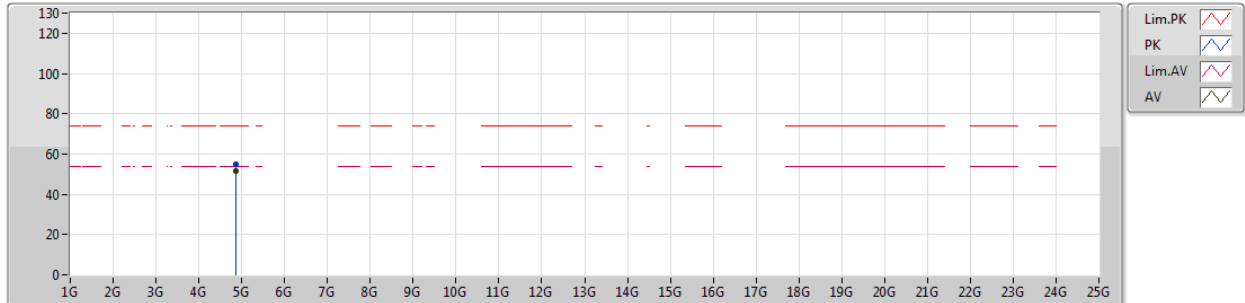


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	45.55	54.00	-8.45	30.37	3	Horizontal	100	1.06	-
AV	2.439G	100.97	Inf	-Inf	30.54	3	Horizontal	100	1.06	-
AV	2.4862G	46.64	54.00	-7.36	30.71	3	Horizontal	100	1.06	-
PK	2.371G	57.27	74.00	-16.73	30.31	3	Horizontal	100	1.06	-
PK	2.4378G	103.91	Inf	-Inf	30.54	3	Horizontal	100	1.06	-
PK	2.4982G	58.58	74.00	-15.42	30.75	3	Horizontal	100	1.06	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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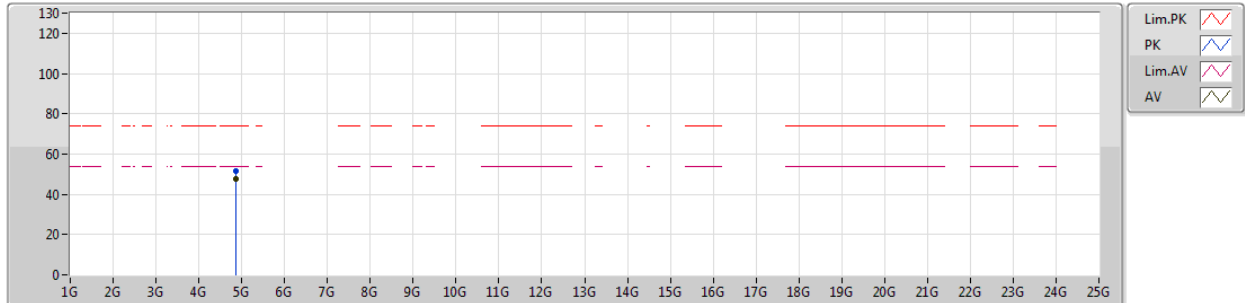


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments								
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)		(m)		(°)	(m)									
AV	4.87394G	51.49	54.00	-2.51	6.00	3	Vertical	285	1.11	-								
PK	4.87393G	54.66	74.00	-19.34	6.00	3	Vertical	285	1.11	-								

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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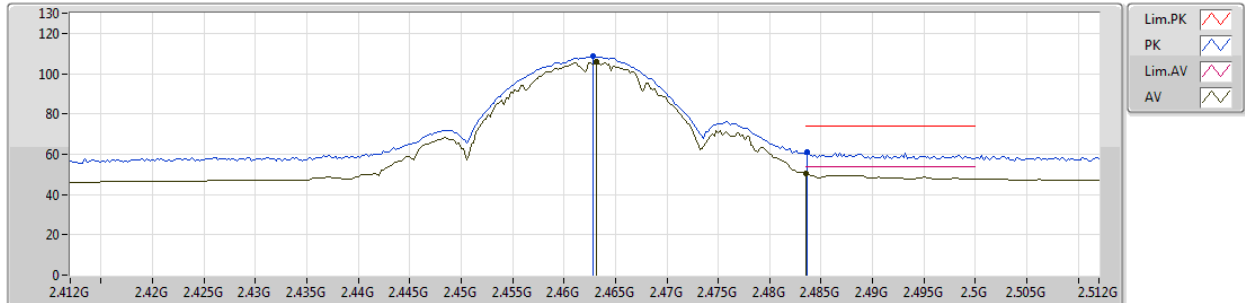


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87399G	47.66	54.00	-6.34	6.00	3	Horizontal	338	1.03	-
PK	4.8739G	51.59	74.00	-22.41	6.00	3	Horizontal	338	1.03	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2462MHz_TX

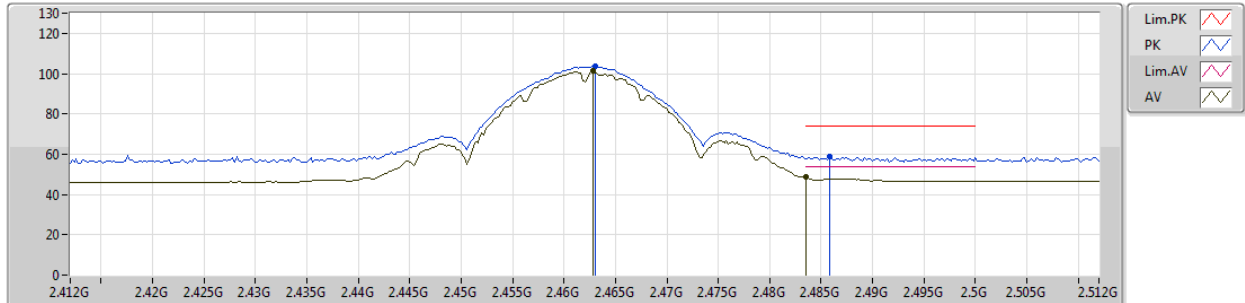


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4632G	105.74	Inf	-Inf	30.62	3	Vertical	283	1.09	-
AV	2.4835G	50.51	54.00	-3.49	30.69	3	Vertical	283	1.09	-
PK	2.4628G	108.58	Inf	-Inf	30.62	3	Vertical	283	1.09	-
PK	2.4836G	60.83	74.00	-13.17	30.69	3	Vertical	283	1.09	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2462MHz_TX

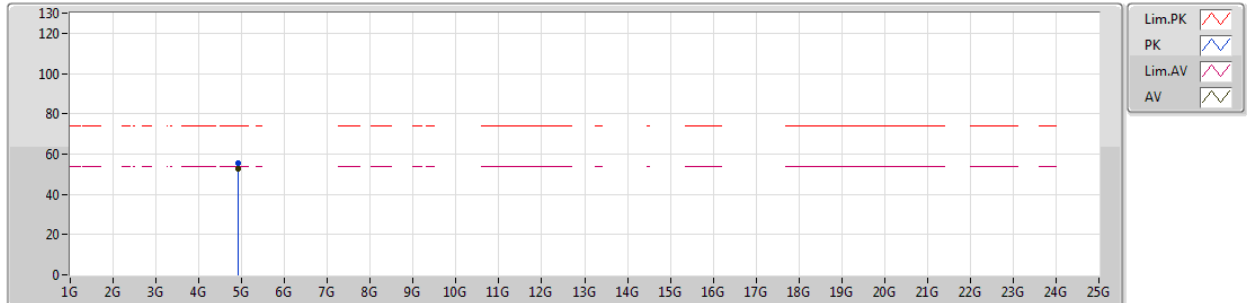


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4628G	101.24	Inf	-Inf	30.62	3	Horizontal	306	1.50	-
AV	2.4835G	48.67	54.00	-5.33	30.69	3	Horizontal	306	1.50	-
PK	2.463G	103.57	Inf	-Inf	30.62	3	Horizontal	306	1.50	-
PK	2.4858G	59.07	74.00	-14.93	30.71	3	Horizontal	306	1.50	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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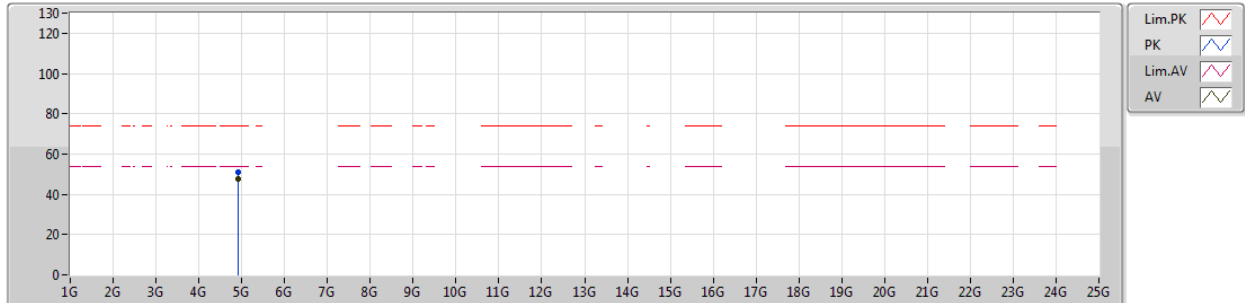


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	52.79	54.00	-1.21	6.09	3	Vertical	285	1.05	-
PK	4.924G	55.50	74.00	-18.50	6.09	3	Vertical	285	1.05	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2462MHz_TX

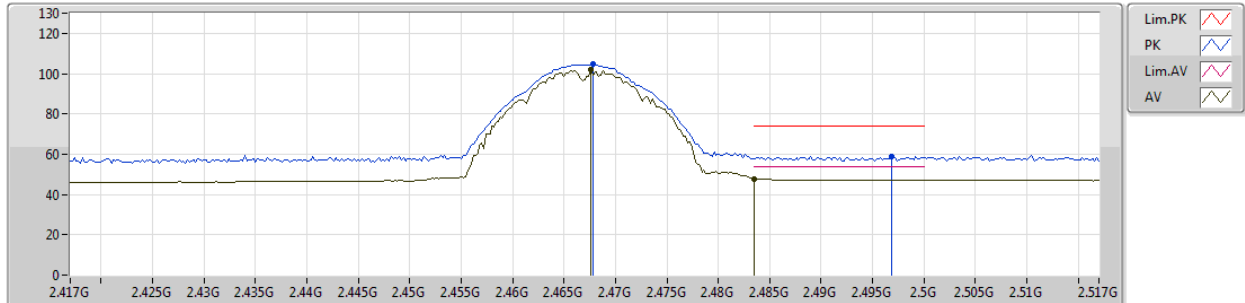


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92396G	47.37	54.00	-6.63	6.09	3	Horizontal	338	1.25	-
PK	4.92399G	51.22	74.00	-22.78	6.09	3	Horizontal	338	1.25	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2467MHz_TX

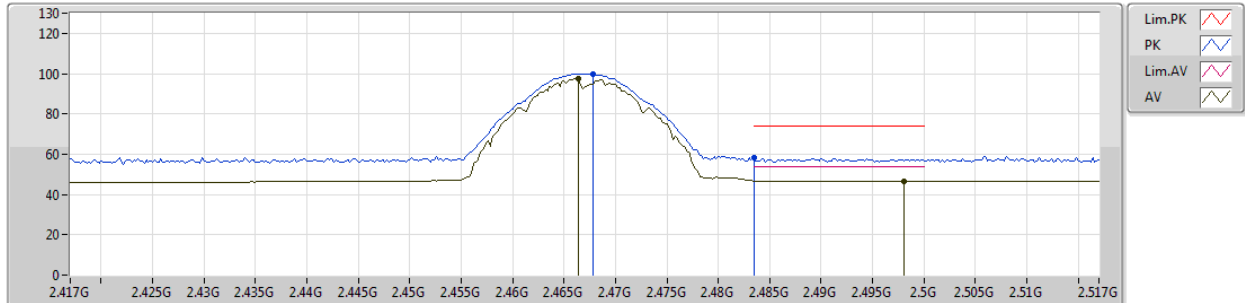


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4676G	101.99	Inf	-Inf	30.64	3	Vertical	198	1.18	-
AV	2.4835G	47.70	54.00	-6.30	30.69	3	Vertical	198	1.18	-
PK	2.4678G	104.55	Inf	-Inf	30.64	3	Vertical	198	1.18	-
PK	2.4968G	59.04	74.00	-14.96	30.74	3	Vertical	198	1.18	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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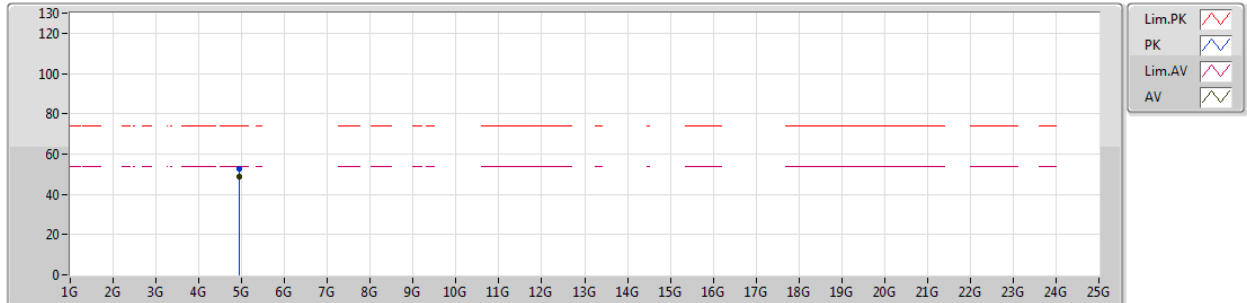


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4664G	97.57	Inf	-Inf	30.64	3	Horizontal	300	1.50	-
AV	2.498G	46.68	54.00	-7.32	30.75	3	Horizontal	300	1.50	-
PK	2.4678G	99.98	Inf	-Inf	30.64	3	Horizontal	300	1.50	-
PK	2.4835G	58.22	74.00	-15.78	30.69	3	Horizontal	300	1.50	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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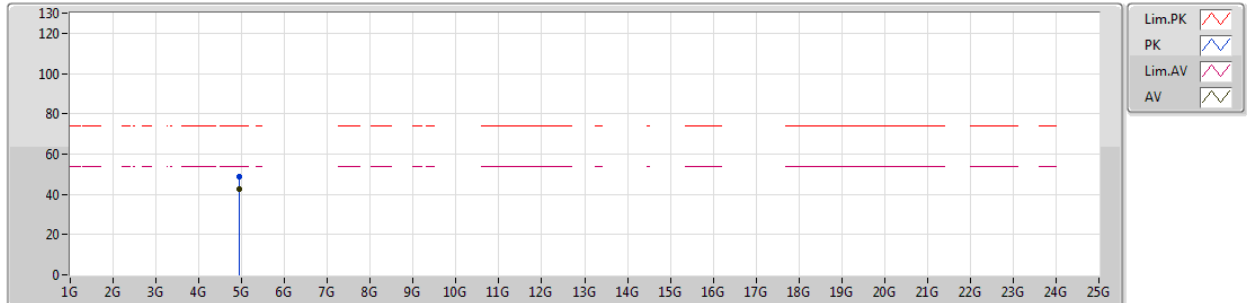


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93395G	48.48	54.00	-5.52	6.12	3	Vertical	317	2.78	-
PK	4.934G	52.56	74.00	-21.44	6.12	3	Vertical	317	2.78	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2467MHz_TX

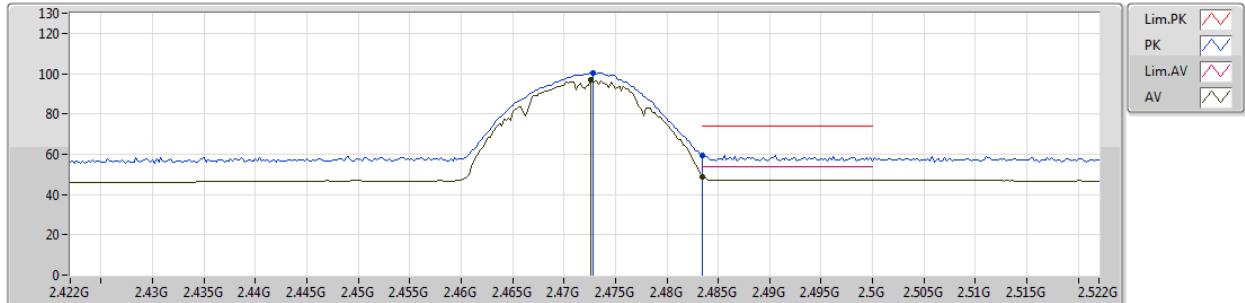


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93396G	42.74	54.00	-11.26	6.12	3	Horizontal	338	1.00	-
PK	4.93396G	48.96	74.00	-25.04	6.12	3	Horizontal	338	1.00	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2472MHz_TX

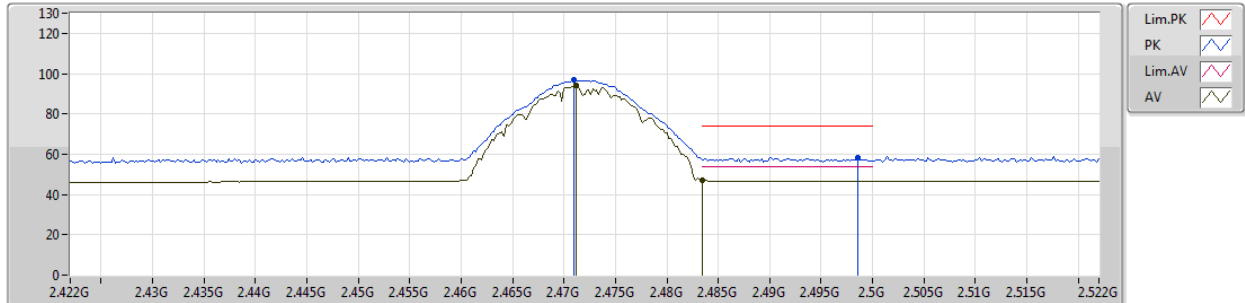


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4726G	96.90	Inf	-Inf	30.65	3	Vertical	285	1.50	-
AV	2.4835G	48.89	54.00	-5.11	30.69	3	Vertical	285	1.50	-
PK	2.4728G	100.41	Inf	-Inf	30.65	3	Vertical	285	1.50	-
PK	2.4835G	59.37	74.00	-14.63	30.69	3	Vertical	285	1.50	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

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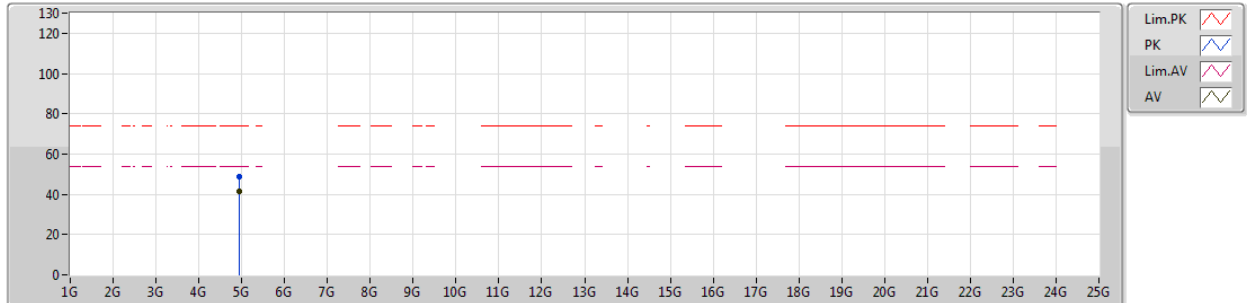


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4712G	94.40	Inf	-Inf	30.65	3	Horizontal	291	1.50	-
AV	2.4835G	46.90	54.00	-7.10	30.69	3	Horizontal	291	1.50	-
PK	2.471G	96.67	Inf	-Inf	30.65	3	Horizontal	291	1.50	-
PK	2.4986G	58.43	74.00	-15.57	30.75	3	Horizontal	291	1.50	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2472MHz_TX

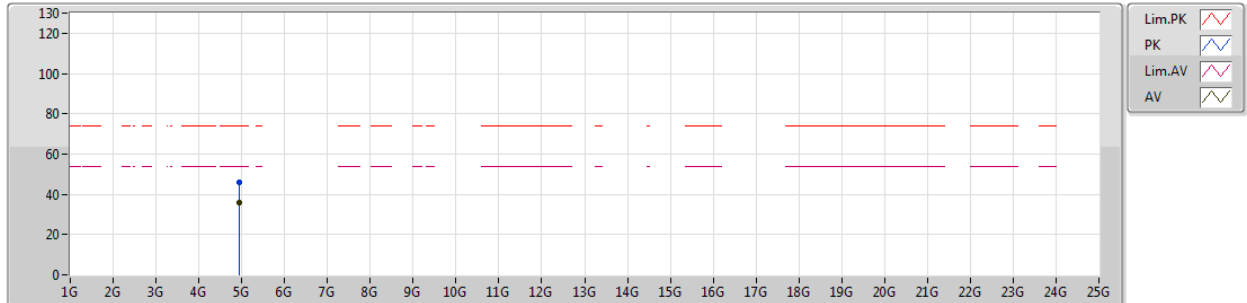


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94396G	41.74	54.00	-12.26	6.13	3	Vertical	292	1.19	-
PK	4.94396G	48.87	74.00	-25.13	6.13	3	Vertical	292	1.19	-

802.11b_Nss1,(1Mbps)_2TX

04/01/2019

2472MHz_TX

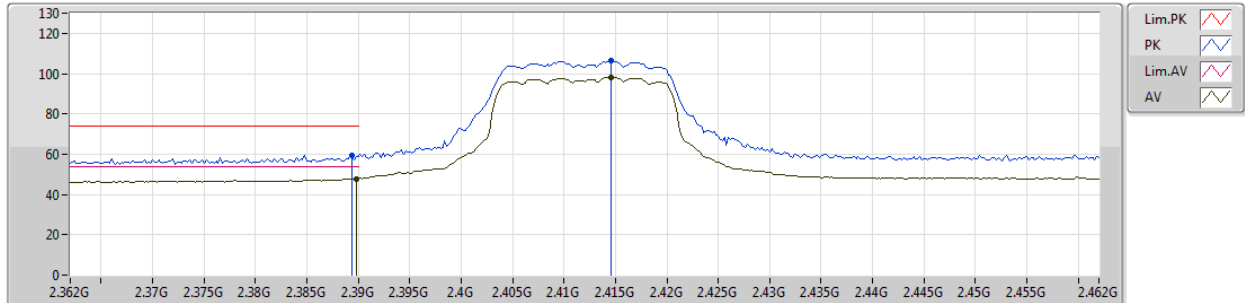


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	4.94364G	46.18	74.00	-27.82	6.13	3	Horizontal	0	1.49	-
AV	4.94396G	36.13	54.00	-17.87	6.13	3	Horizontal	0	1.49	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2412MHz_TX

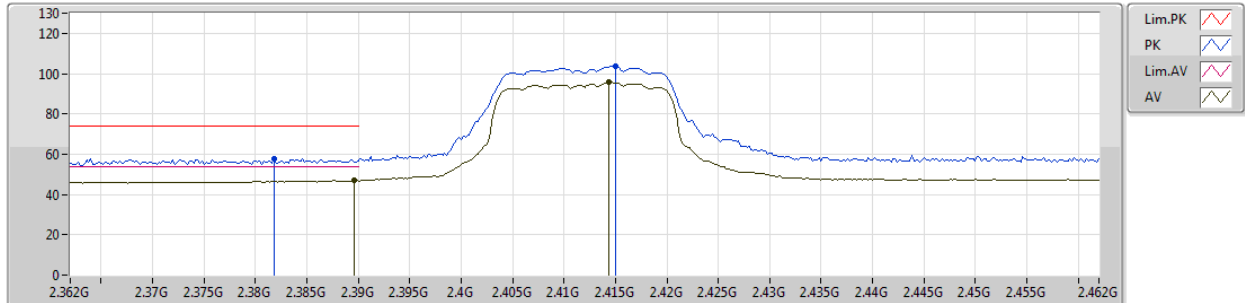


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.84	54.00	-6.16	30.38	3	Vertical	201	1.20	-
AV	2.4146G	98.24	Inf	-Inf	30.46	3	Vertical	201	1.20	-
PK	2.3894G	59.27	74.00	-14.73	30.37	3	Vertical	201	1.20	-
PK	2.4146G	106.34	Inf	-Inf	30.46	3	Vertical	201	1.20	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2412MHz_TX

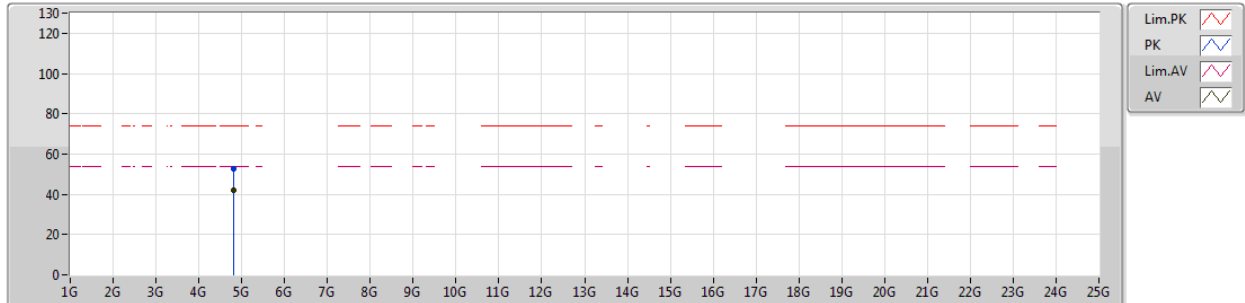


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	46.90	54.00	-7.10	30.38	3	Horizontal	300	1.21	-
AV	2.4144G	95.57	Inf	-Inf	30.45	3	Horizontal	300	1.21	-
PK	2.3818G	57.79	74.00	-16.21	30.35	3	Horizontal	300	1.21	-
PK	2.415G	103.44	Inf	-Inf	30.47	3	Horizontal	300	1.21	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2412MHz_TX

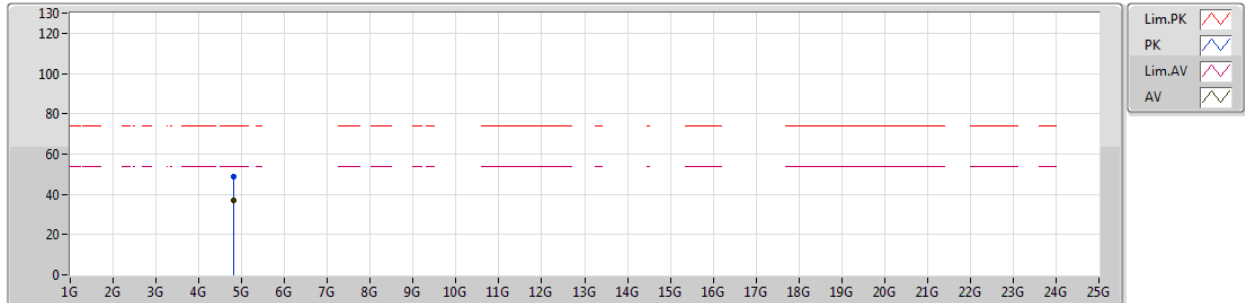


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.824G	41.95	54.00	-12.05	5.89	3	Vertical	286	1.09	-							
PK	4.82352G	52.63	74.00	-21.37	5.89	3	Vertical	286	1.09	-							

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

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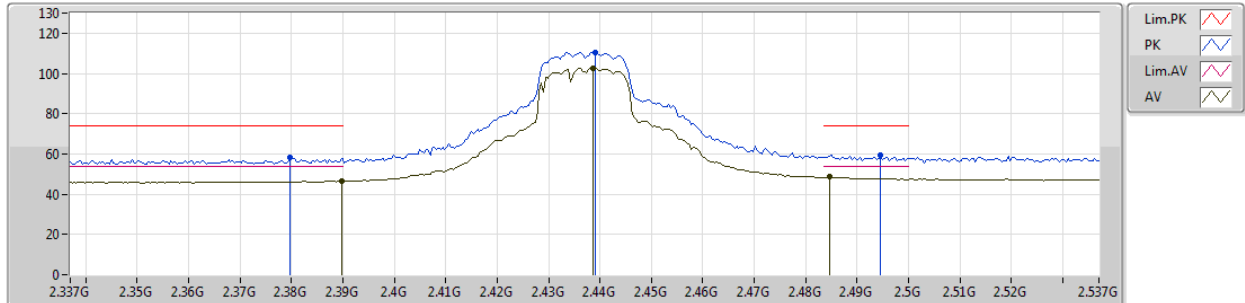


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	37.10	54.00	-16.90	5.89	3	Horizontal	337	1.03	-
PK	4.82472G	48.50	74.00	-25.50	5.89	3	Horizontal	337	1.03	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

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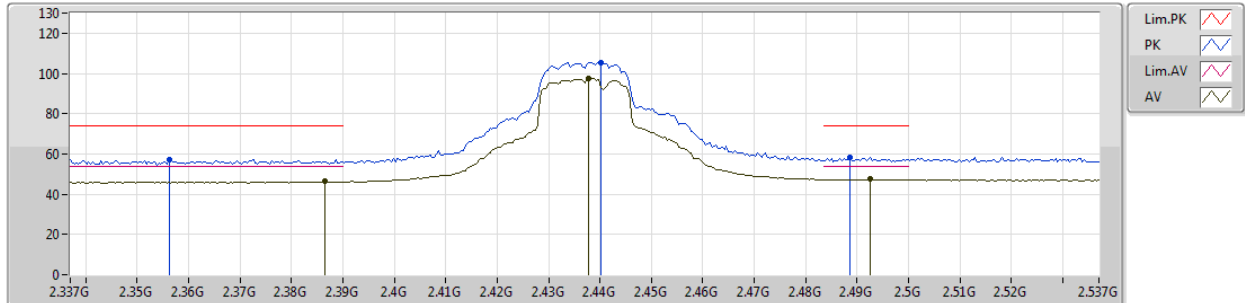


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.65	54.00	-7.35	30.38	3	Vertical	287	1.00	-
AV	2.4386G	102.70	Inf	-Inf	30.54	3	Vertical	287	1.00	-
AV	2.4846G	48.66	54.00	-5.34	30.69	3	Vertical	287	1.00	-
PK	2.3798G	58.17	74.00	-15.83	30.34	3	Vertical	287	1.00	-
PK	2.439G	110.37	Inf	-Inf	30.54	3	Vertical	287	1.00	-
PK	2.4946G	59.42	74.00	-14.58	30.73	3	Vertical	287	1.00	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2437MHz_TX

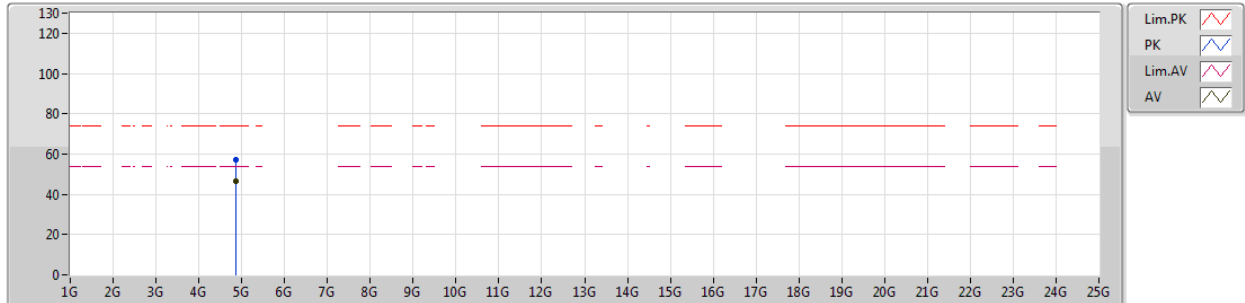


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3866G	46.35	54.00	-7.65	30.37	3	Horizontal	318	1.11	-
AV	2.4378G	97.70	Inf	-Inf	30.54	3	Horizontal	318	1.11	-
AV	2.4926G	47.47	54.00	-6.53	30.72	3	Horizontal	318	1.11	-
PK	2.3562G	57.25	74.00	-16.75	30.26	3	Horizontal	318	1.11	-
PK	2.4402G	105.48	Inf	-Inf	30.55	3	Horizontal	318	1.11	-
PK	2.4886G	58.10	74.00	-15.90	30.71	3	Horizontal	318	1.11	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

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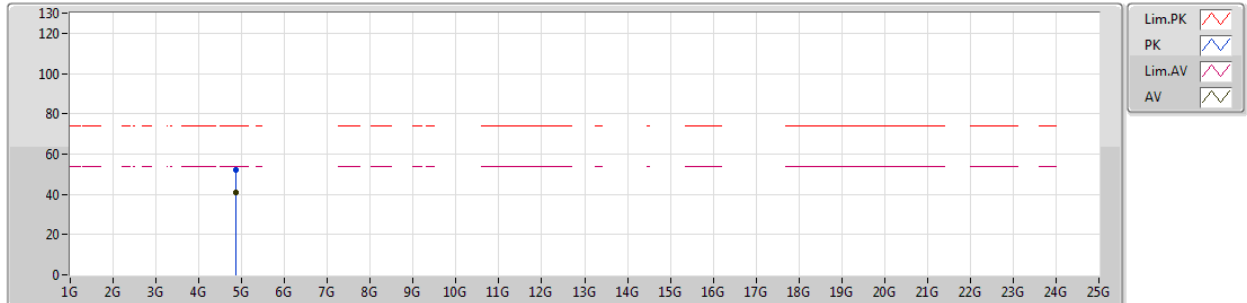


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.87406G	46.47	54.00	-7.53	6.00	3	Vertical	284	1.03	-							
PK	4.8746G	57.43	74.00	-16.57	6.00	3	Vertical	284	1.03	-							

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2437MHz_TX

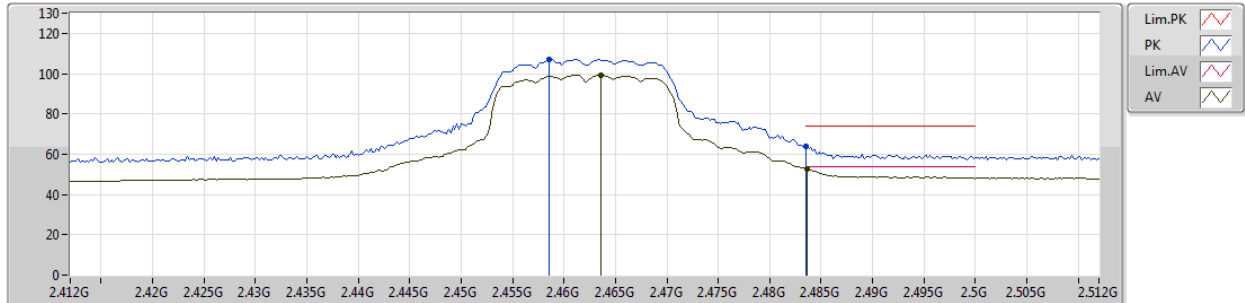


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.87404G	41.01	54.00	-12.99	6.00	3	Horizontal	338	1.04	-							
PK	4.8746G	52.23	74.00	-21.77	6.00	3	Horizontal	338	1.04	-							

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2462MHz_TX

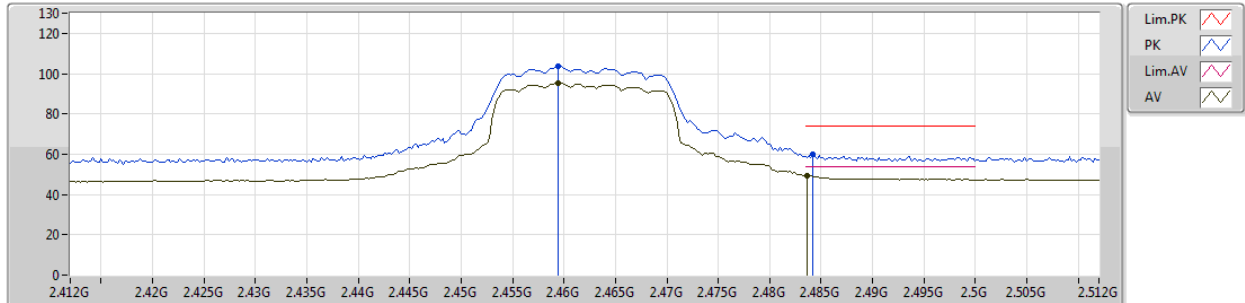


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4636G	99.29	Inf	-Inf	30.62	3	Vertical	295	1.22	-
AV	2.4836G	52.91	54.00	-1.09	30.69	3	Vertical	295	1.22	-
PK	2.4586G	107.30	Inf	-Inf	30.61	3	Vertical	295	1.22	-
PK	2.4835G	63.76	74.00	-10.24	30.69	3	Vertical	295	1.22	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

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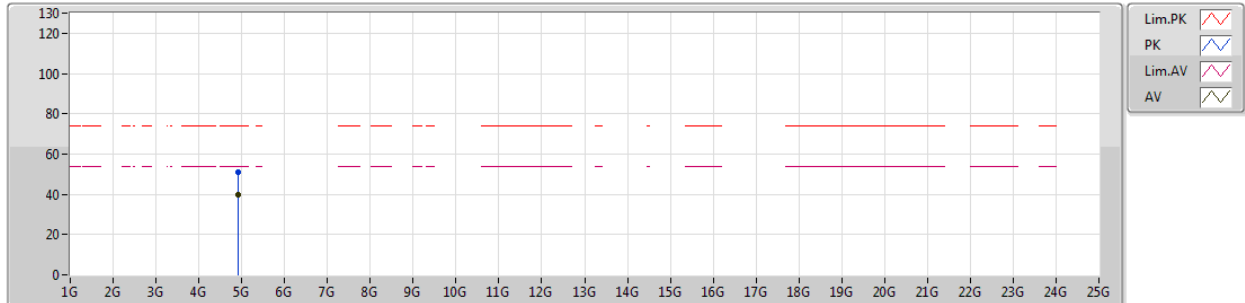


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4594G	95.23	Inf	-Inf	30.61	3	Horizontal	292	1.18	-
AV	2.4836G	49.32	54.00	-4.68	30.69	3	Horizontal	292	1.18	-
PK	2.4594G	103.76	Inf	-Inf	30.61	3	Horizontal	292	1.18	-
PK	2.4842G	59.99	74.00	-14.01	30.69	3	Horizontal	292	1.18	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2462MHz_TX

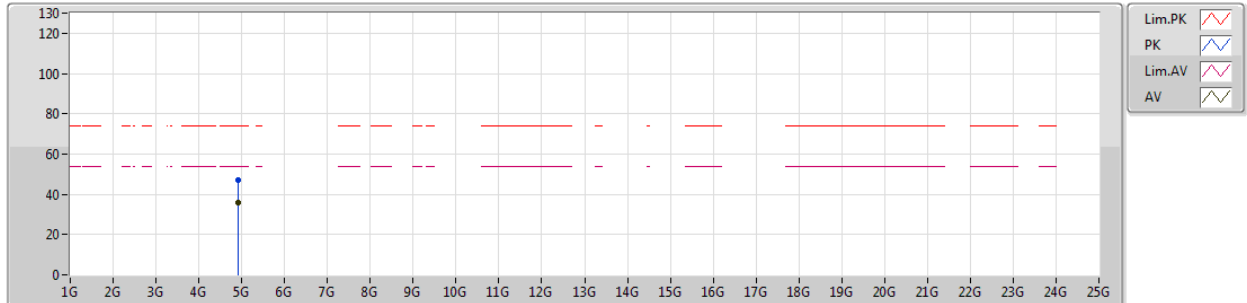


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	39.99	54.00	-14.01	6.09	3	Vertical	322	2.53	-
PK	4.91854G	51.11	74.00	-22.89	6.09	3	Vertical	322	2.53	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2462MHz_TX

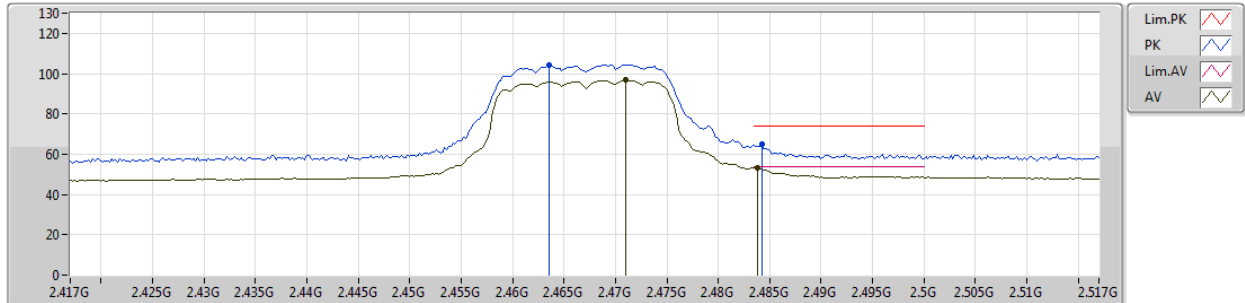


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92442G	35.78	54.00	-18.22	6.09	3	Horizontal	338	1.14	-
PK	4.92022G	46.93	74.00	-27.07	6.09	3	Horizontal	338	1.14	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2467MHz_TX

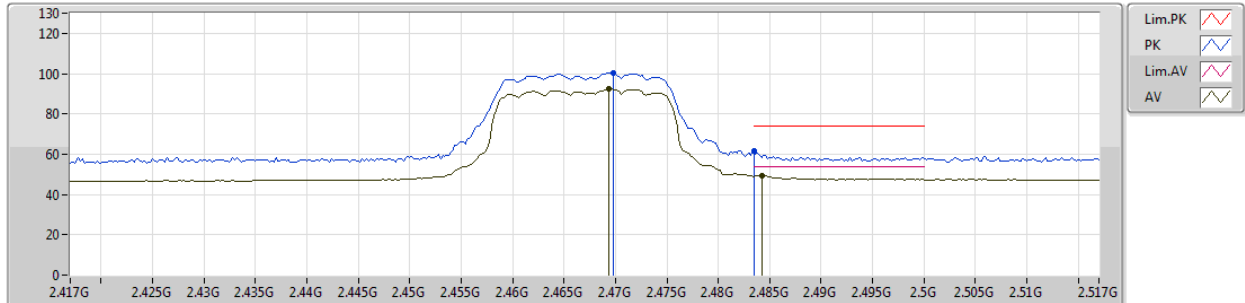


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.471G	96.70	Inf	-Inf	30.65	3	Vertical	296	1.18	-
AV	2.4838G	53.32	54.00	-0.68	30.69	3	Vertical	296	1.18	-
PK	2.4636G	104.30	Inf	-Inf	30.62	3	Vertical	296	1.18	-
PK	2.4842G	65.11	74.00	-8.89	30.69	3	Vertical	296	1.18	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2467MHz_TX

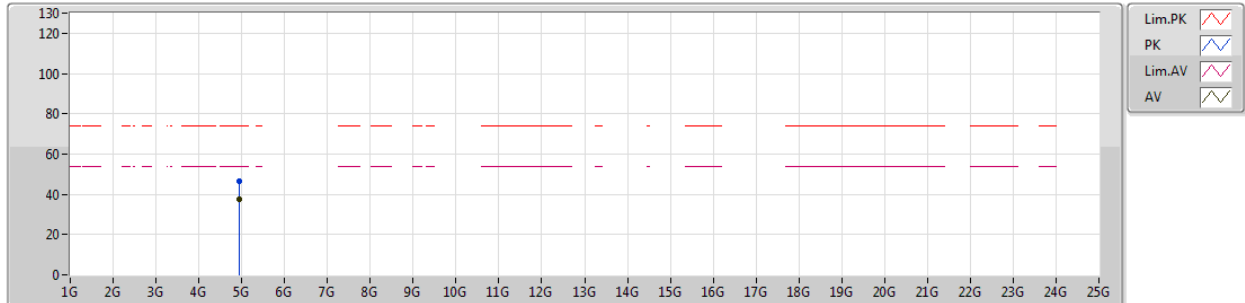


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4694G	92.34	Inf	-Inf	30.65	3	Horizontal	291	1.06	-
AV	2.4842G	49.53	54.00	-4.47	30.69	3	Horizontal	291	1.06	-
PK	2.4698G	100.42	Inf	-Inf	30.65	3	Horizontal	291	1.06	-
PK	2.4835G	61.45	74.00	-12.55	30.69	3	Horizontal	291	1.06	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2467MHz_TX

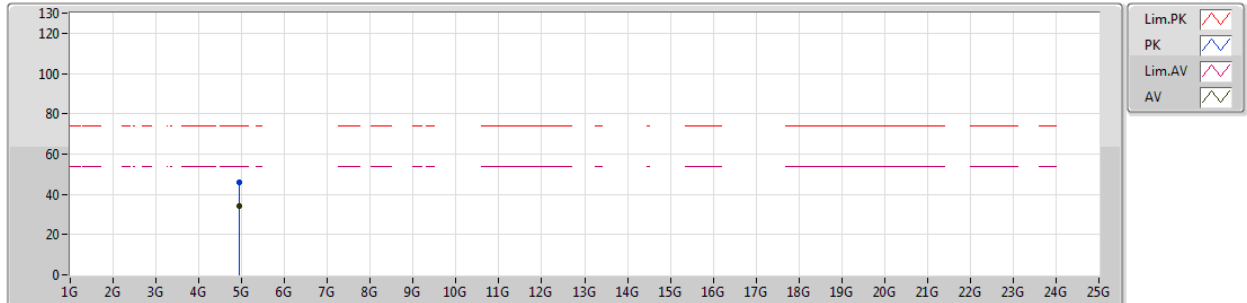


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.93388G	37.40	54.00	-16.60	6.12	3	Vertical	358	2.57	-							
PK	4.934G	46.47	74.00	-27.53	6.12	3	Vertical	358	2.57	-							

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

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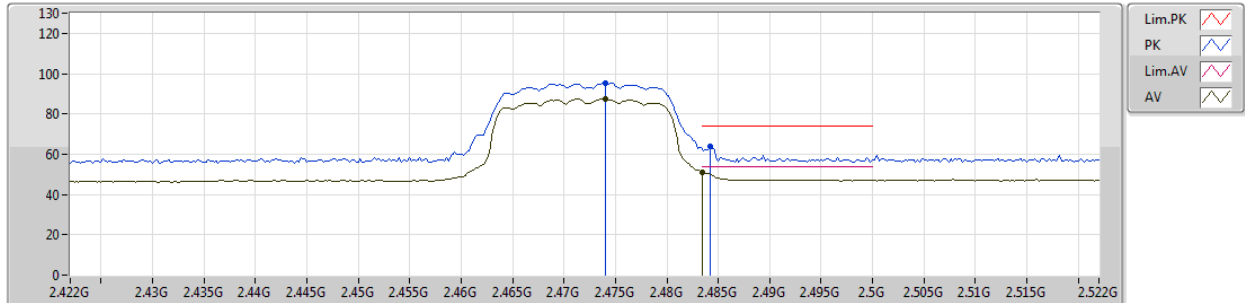


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.93408G	34.09	54.00	-19.91	6.12	3	Horizontal	358	1.50	-							
PK	4.93389G	45.68	74.00	-28.32	6.12	3	Horizontal	358	1.50	-							

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2472MHz_TX

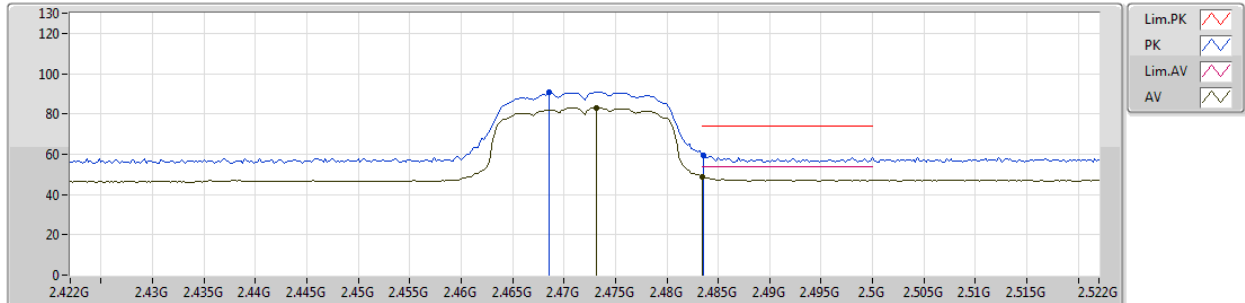


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.474G	87.46	Inf	-Inf	30.66	3	Vertical	279	1.16	-
AV	2.4835G	51.21	54.00	-2.79	30.69	3	Vertical	279	1.16	-
PK	2.474G	95.47	Inf	-Inf	30.66	3	Vertical	279	1.16	-
PK	2.4842G	63.88	74.00	-10.12	30.69	3	Vertical	279	1.16	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2472MHz_TX

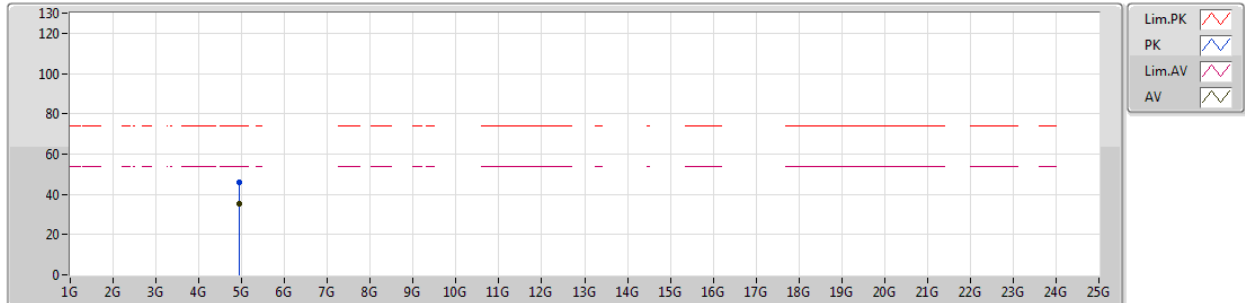


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4732G	83.11	Inf	-Inf	30.66	3	Horizontal	318	1.07	-
AV	2.4835G	48.88	54.00	-5.12	30.69	3	Horizontal	318	1.07	-
PK	2.4686G	90.88	Inf	-Inf	30.64	3	Horizontal	318	1.07	-
PK	2.4836G	59.25	74.00	-14.75	30.69	3	Horizontal	318	1.07	-

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2472MHz_TX

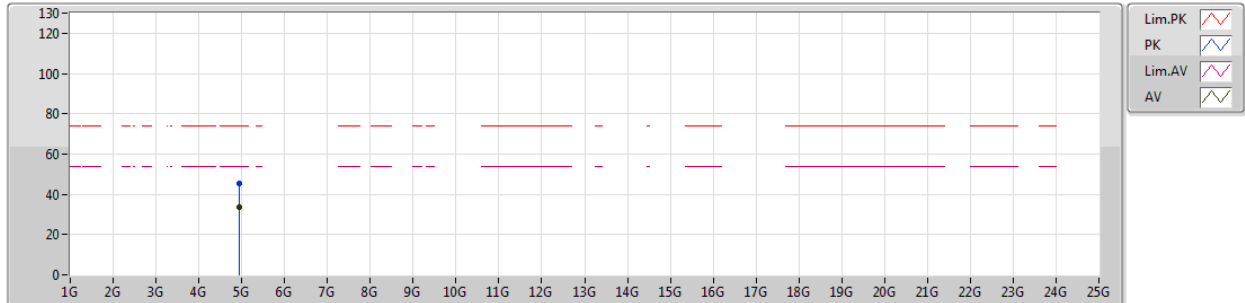


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments								
AV	4.944G	35.53	54.00	-18.47	6.13	3	Vertical	360	2.48	-								
PK	4.944G	45.84	74.00	-28.16	6.13	3	Vertical	360	2.48	-								

802.11g_Nss1,(6Mbps)_2TX

04/01/2019

2472MHz_TX

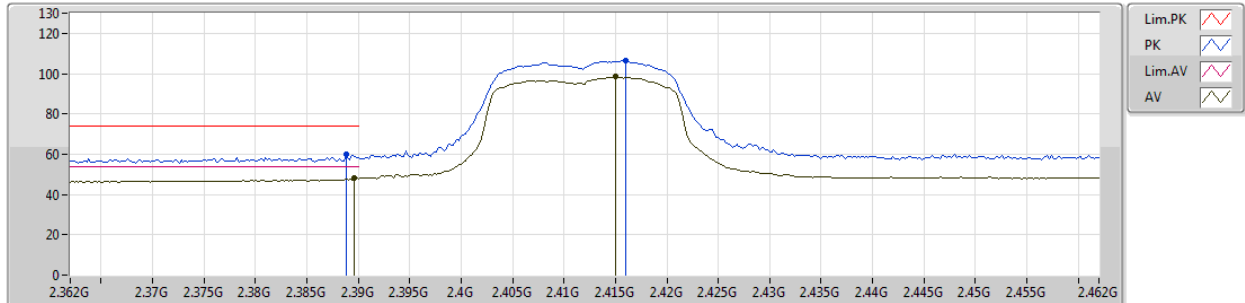


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments							
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)								
AV	4.94398G	33.55	54.00	-20.45	6.13	3	Horizontal	107	1.50	-							
PK	4.9437G	45.52	74.00	-28.48	6.13	3	Horizontal	107	1.50	-							

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2412MHz_TX

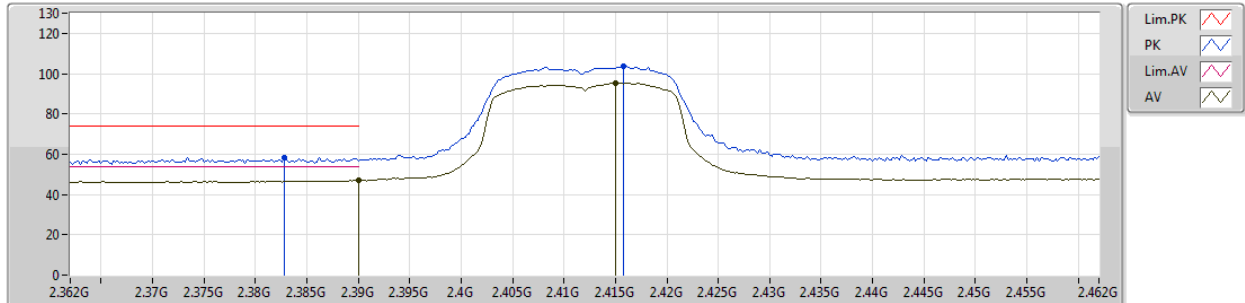


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	47.93	54.00	-6.07	30.38	3	Vertical	161	1.23	-
AV	2.415G	98.36	Inf	-Inf	30.47	3	Vertical	161	1.23	-
PK	2.3888G	59.75	74.00	-14.25	30.37	3	Vertical	161	1.23	-
PK	2.416G	106.45	Inf	-Inf	30.47	3	Vertical	161	1.23	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

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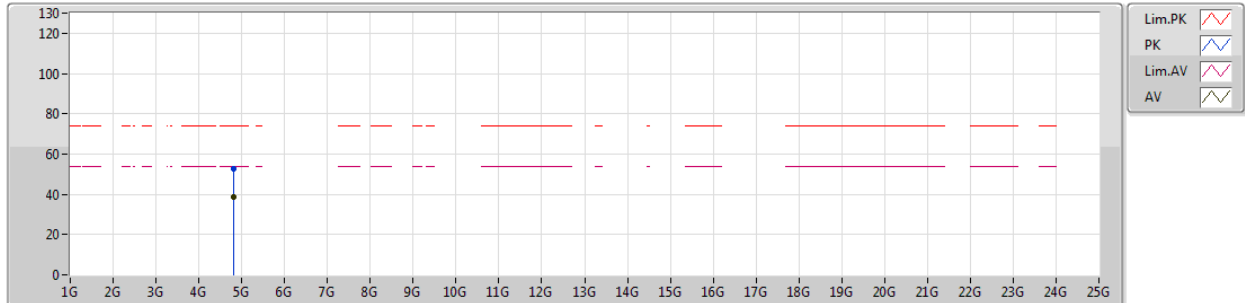


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.39G	47.00	54.00	-7.00	30.38	3	Horizontal	316	1.59	-
AV	2.415G	95.25	Inf	-Inf	30.47	3	Horizontal	316	1.59	-
PK	2.3828G	58.21	74.00	-15.79	30.35	3	Horizontal	316	1.59	-
PK	2.4158G	103.63	Inf	-Inf	30.47	3	Horizontal	316	1.59	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2412MHz_TX

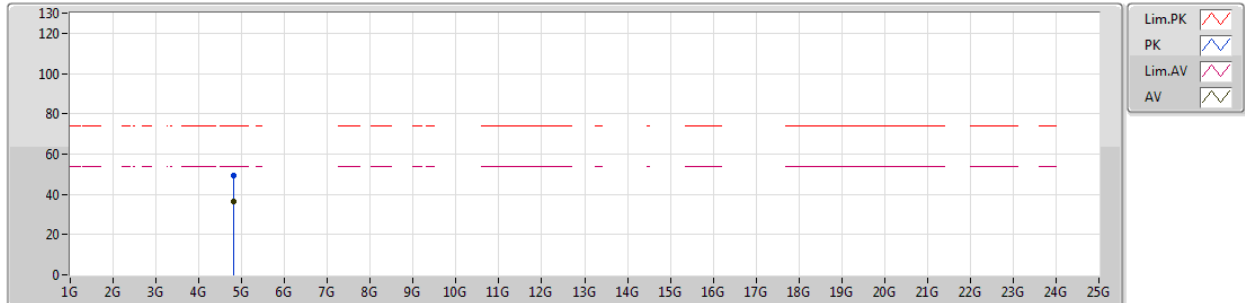


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8238G	38.92	54.00	-15.08	5.89	3	Vertical	153	1.08	-
PK	4.8218G	52.51	74.00	-21.49	5.89	3	Vertical	153	1.08	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2412MHz_TX

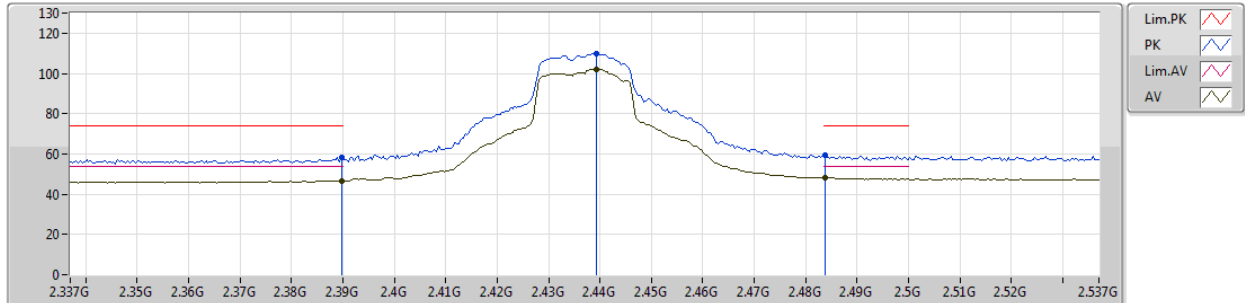


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8238G	36.18	54.00	-17.82	5.89	3	Horizontal	7	1.20	-
PK	4.8223G	49.27	74.00	-24.73	5.89	3	Horizontal	7	1.20	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

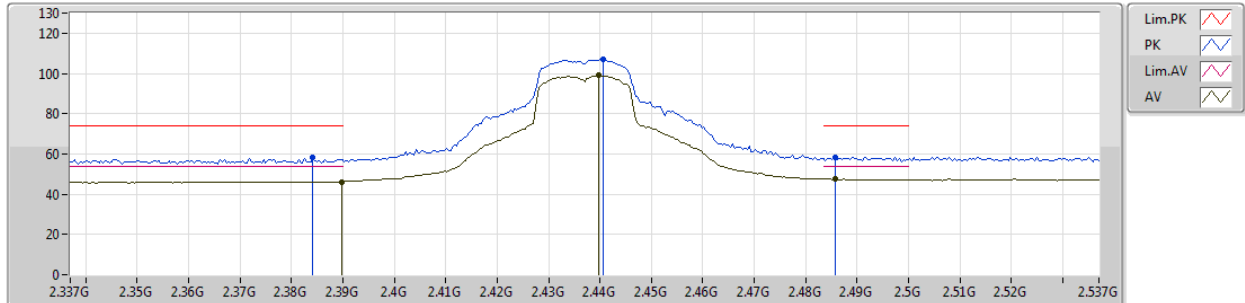


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.74	54.00	-7.26	30.38	3	Vertical	195	1.38	-
AV	2.4394G	101.85	Inf	-Inf	30.54	3	Vertical	195	1.38	-
AV	2.4838G	48.28	54.00	-5.72	30.69	3	Vertical	195	1.38	-
PK	2.3898G	58.49	74.00	-15.51	30.38	3	Vertical	195	1.38	-
PK	2.4394G	109.80	Inf	-Inf	30.54	3	Vertical	195	1.38	-
PK	2.4838G	59.15	74.00	-14.85	30.69	3	Vertical	195	1.38	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

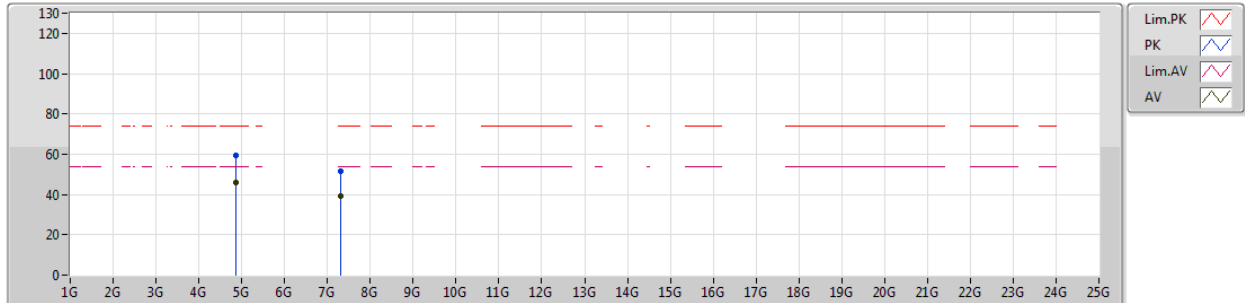


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.22	54.00	-7.78	30.38	3	Horizontal	317	1.17	-
AV	2.4398G	98.92	Inf	-Inf	30.55	3	Horizontal	317	1.17	-
AV	2.4858G	47.55	54.00	-6.45	30.71	3	Horizontal	317	1.17	-
PK	2.3842G	58.16	74.00	-15.84	30.36	3	Horizontal	317	1.17	-
PK	2.4406G	106.97	Inf	-Inf	30.55	3	Horizontal	317	1.17	-
PK	2.4858G	58.48	74.00	-15.52	30.71	3	Horizontal	317	1.17	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

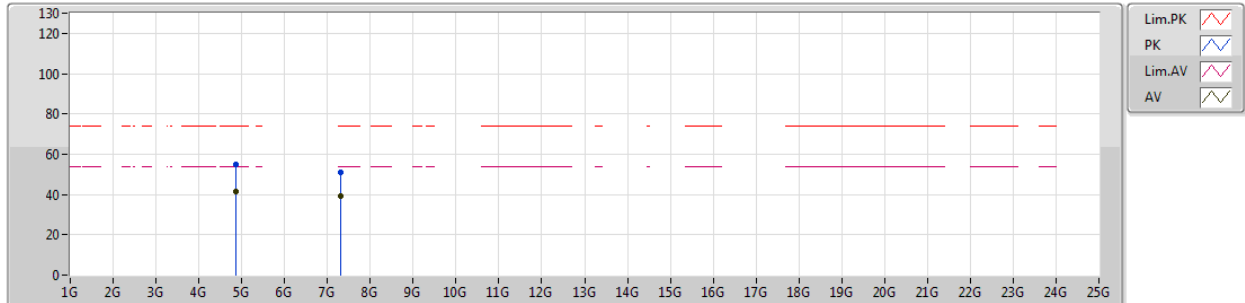


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87376G	45.80	54.00	-8.20	6.00	3	Vertical	151	1.08	-
AV	7.31814G	39.22	54.00	-14.78	11.25	3	Vertical	15	1.62	-
PK	4.87208G	59.56	74.00	-14.44	6.00	3	Vertical	151	1.08	-
PK	7.31844G	51.80	74.00	-22.20	11.25	3	Vertical	15	1.62	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

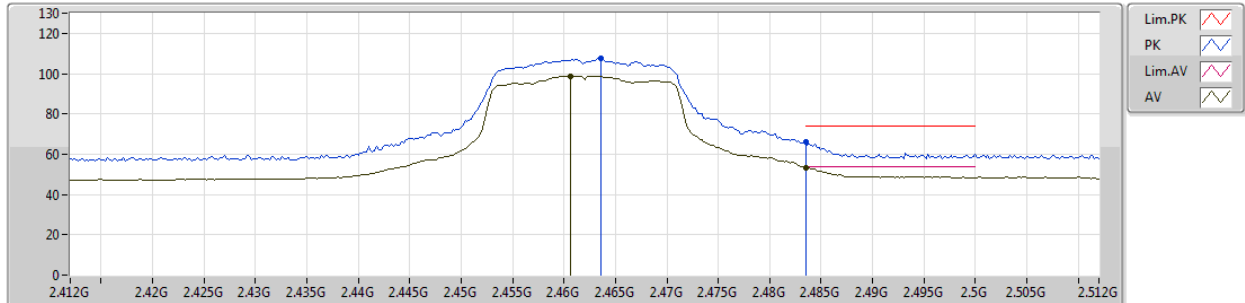


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87268G	41.39	54.00	-12.61	6.00	3	Horizontal	0	1.00	-
AV	7.31046G	39.36	54.00	-14.64	11.22	3	Horizontal	360	1.49	-
PK	4.87184G	54.90	74.00	-19.10	6.00	3	Horizontal	0	1.00	-
PK	7.30296G	51.24	74.00	-22.76	11.20	3	Horizontal	360	1.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

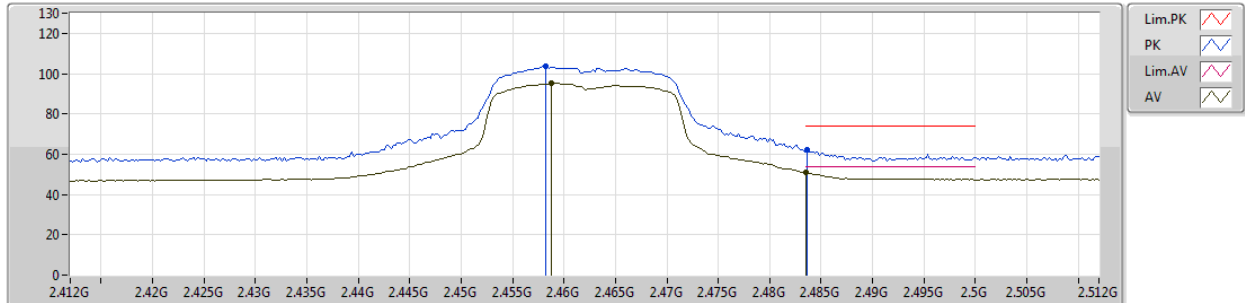


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4606G	98.82	Inf	-Inf	30.62	3	Vertical	217	1.30	-
AV	2.4835G	53.28	54.00	-0.72	30.69	3	Vertical	217	1.30	-
PK	2.4636G	107.42	Inf	-Inf	30.62	3	Vertical	217	1.30	-
PK	2.4835G	65.92	74.00	-8.08	30.69	3	Vertical	217	1.30	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

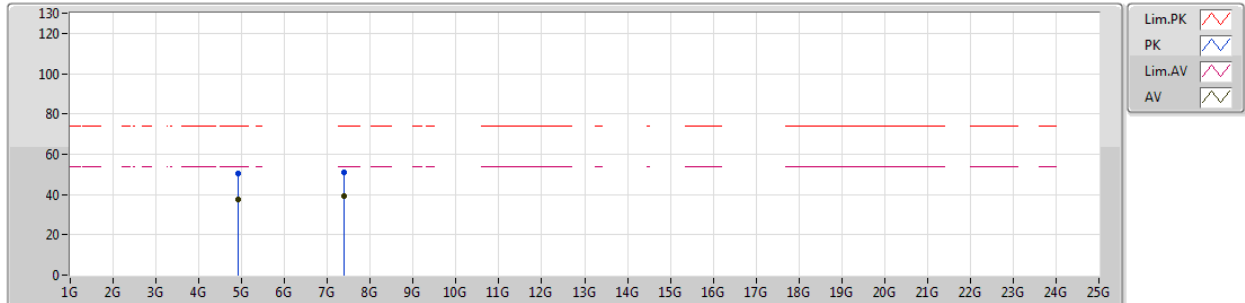


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4588G	95.13	Inf	-Inf	30.61	3	Horizontal	314	1.58	-
AV	2.4835G	50.78	54.00	-3.22	30.69	3	Horizontal	314	1.58	-
PK	2.4582G	103.89	Inf	-Inf	30.61	3	Horizontal	314	1.58	-
PK	2.4836G	62.08	74.00	-11.92	30.69	3	Horizontal	314	1.58	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

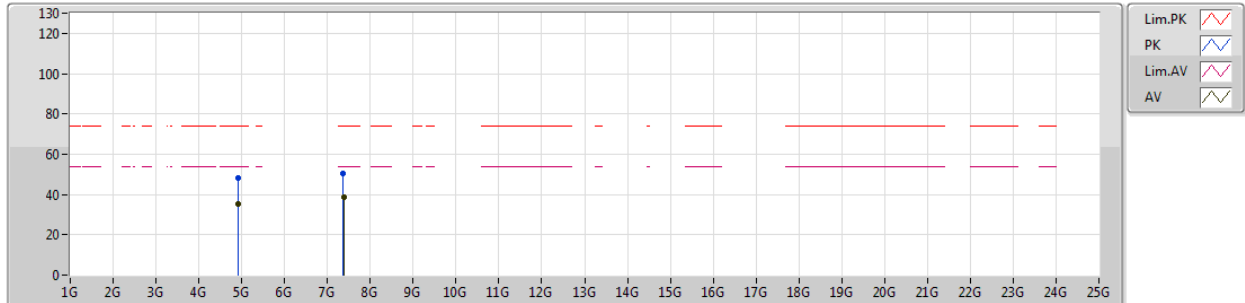


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92382G	37.32	54.00	-16.68	6.09	3	Vertical	152	1.01	-
AV	7.37592G	38.97	54.00	-15.03	11.40	3	Vertical	20	1.48	-
PK	4.92214G	50.60	74.00	-23.40	6.09	3	Vertical	152	1.01	-
PK	7.38234G	51.05	74.00	-22.95	11.40	3	Vertical	20	1.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

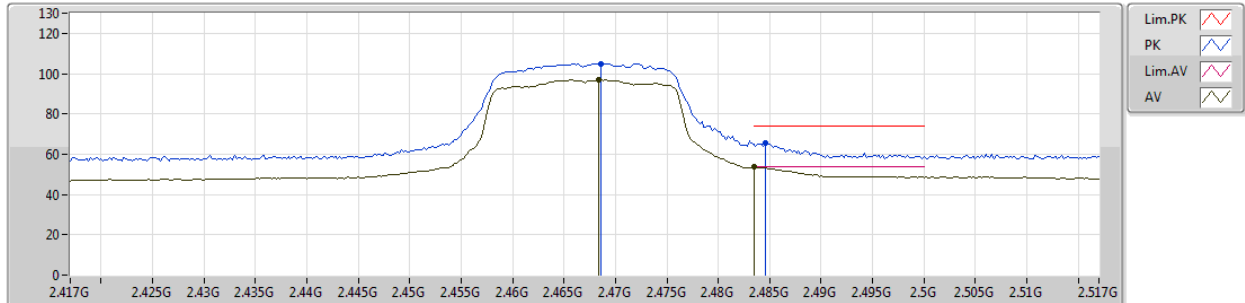


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.9234G	35.52	54.00	-18.48	6.09	3	Horizontal	0	1.04	-
AV	7.3794G	38.94	54.00	-15.06	11.41	3	Horizontal	352	1.44	-
PK	4.92412G	48.09	74.00	-25.91	6.09	3	Horizontal	0	1.04	-
PK	7.37178G	50.47	74.00	-23.53	11.38	3	Horizontal	352	1.44	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2467MHz_TX

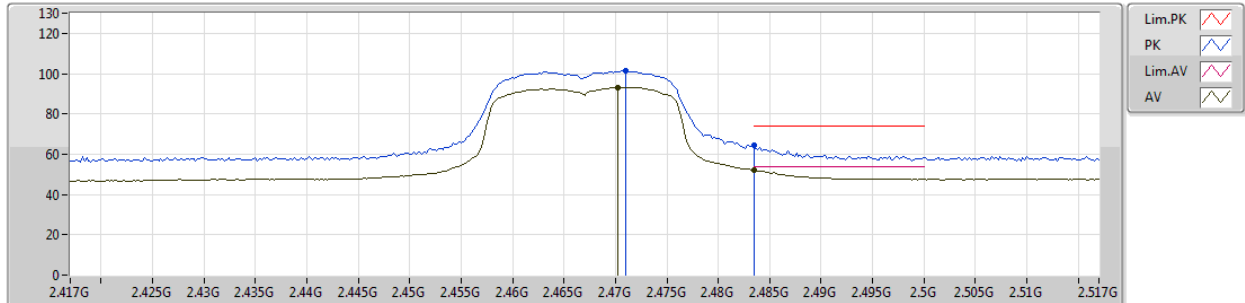


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4684G	96.82	Inf	-Inf	30.64	3	Vertical	217	1.22	-
AV	2.4835G	53.68	54.00	-0.32	30.69	3	Vertical	217	1.22	-
PK	2.4686G	104.85	Inf	-Inf	30.64	3	Vertical	217	1.22	-
PK	2.4846G	65.59	74.00	-8.41	30.69	3	Vertical	217	1.22	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2467MHz_TX

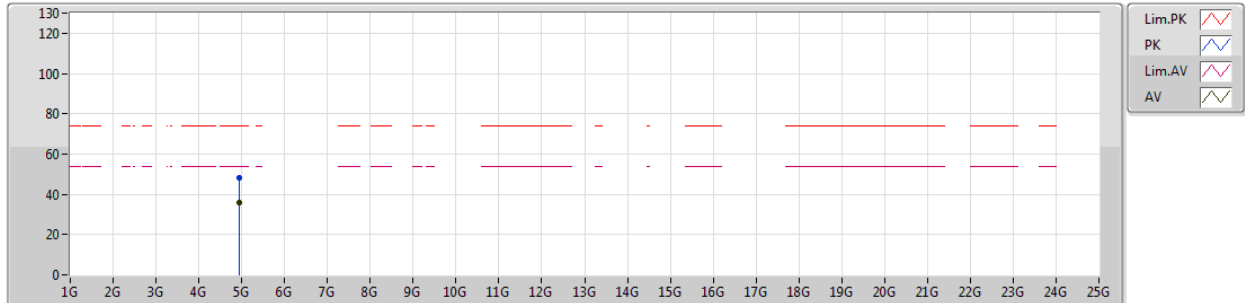


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4702G	93.21	Inf	-Inf	30.65	3	Horizontal	317	1.17	-
AV	2.4835G	51.97	54.00	-2.03	30.69	3	Horizontal	317	1.17	-
PK	2.471G	101.62	Inf	-Inf	30.65	3	Horizontal	317	1.17	-
PK	2.4835G	64.55	74.00	-9.45	30.69	3	Horizontal	317	1.17	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2467MHz_TX

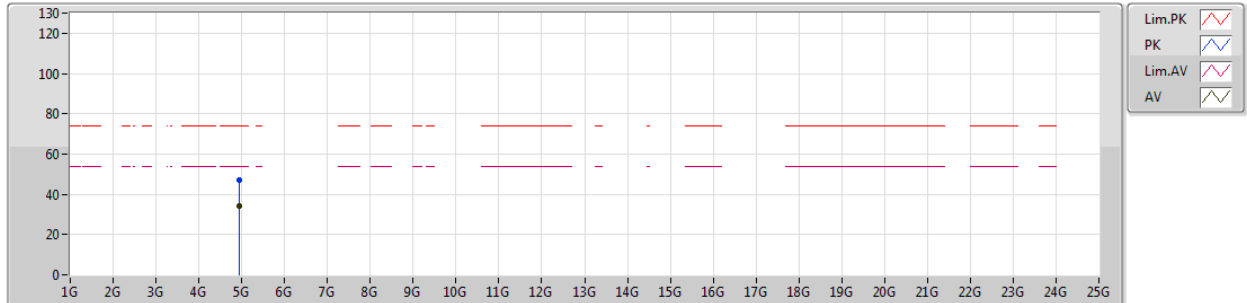


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93388G	36.03	54.00	-17.97	6.12	3	Vertical	194	1.15	-
PK	4.93742G	48.04	74.00	-25.96	6.12	3	Vertical	194	1.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2467MHz_TX

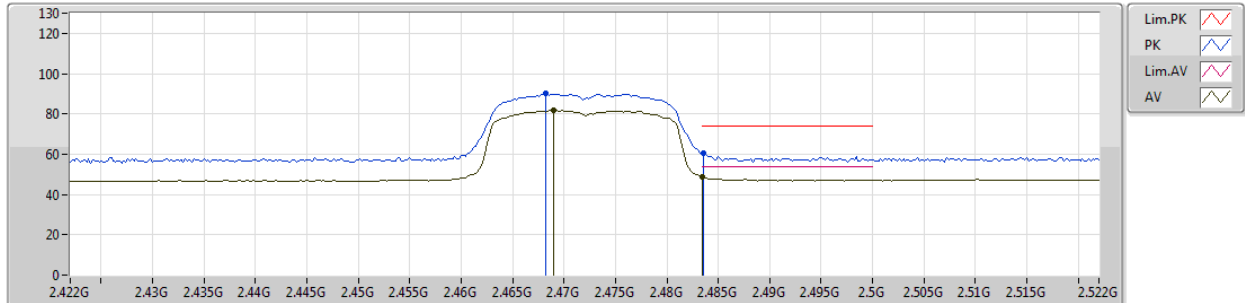


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.93388G	34.18	54.00	-19.82	6.12	3	Horizontal	2	1.50	-
PK	4.93238G	46.89	74.00	-27.11	6.12	3	Horizontal	2	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2472MHz_TX

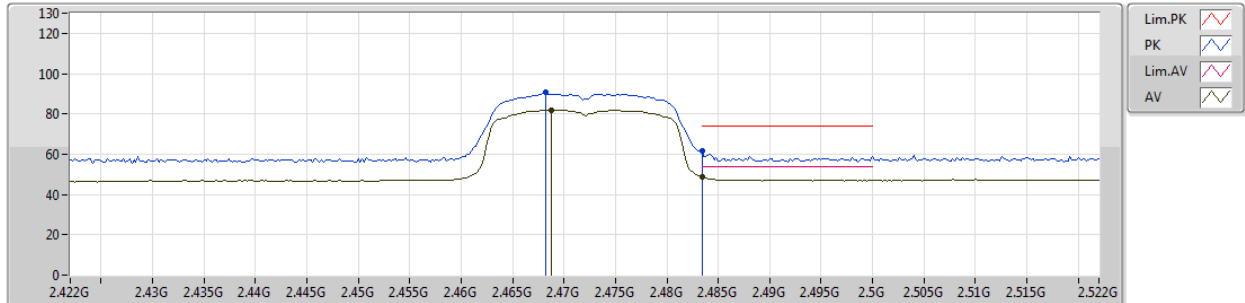


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.469G	81.70	Inf	-Inf	30.65	3	Vertical	313	1.13	-
AV	2.4835G	48.52	54.00	-5.48	30.69	3	Vertical	313	1.13	-
PK	2.4682G	90.38	Inf	-Inf	30.64	3	Vertical	313	1.13	-
PK	2.4836G	60.43	74.00	-13.57	30.69	3	Vertical	313	1.13	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2472MHz_TX

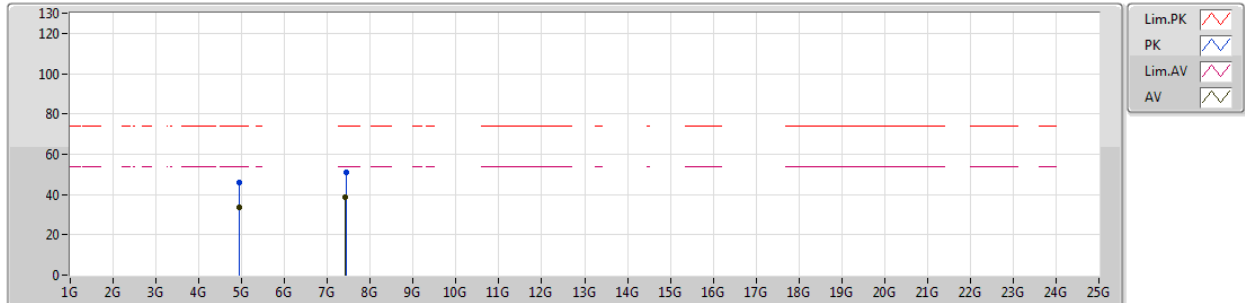


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4688G	81.95	Inf	-Inf	30.65	3	Horizontal	314	1.16	-
AV	2.4835G	48.52	54.00	-5.48	30.69	3	Horizontal	314	1.16	-
PK	2.4682G	90.64	Inf	-Inf	30.64	3	Horizontal	314	1.16	-
PK	2.4835G	61.55	74.00	-12.45	30.69	3	Horizontal	314	1.16	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2472MHz_TX

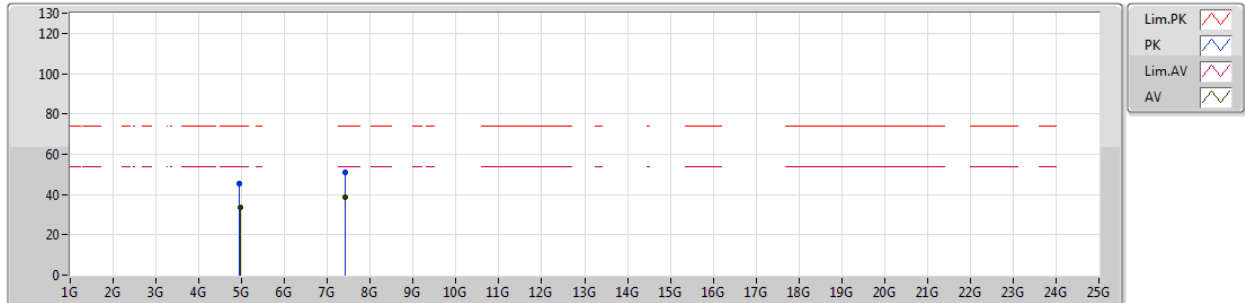


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.94382G	33.76	54.00	-20.24	6.13	3	Vertical	143	2.40	-
AV	7.40634G	38.63	54.00	-15.37	11.48	3	Vertical	43	1.50	-
PK	4.93896G	45.90	74.00	-28.10	6.12	3	Vertical	143	2.40	-
PK	7.43094G	51.02	74.00	-22.98	11.55	3	Vertical	43	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

04/01/2019

2472MHz_TX

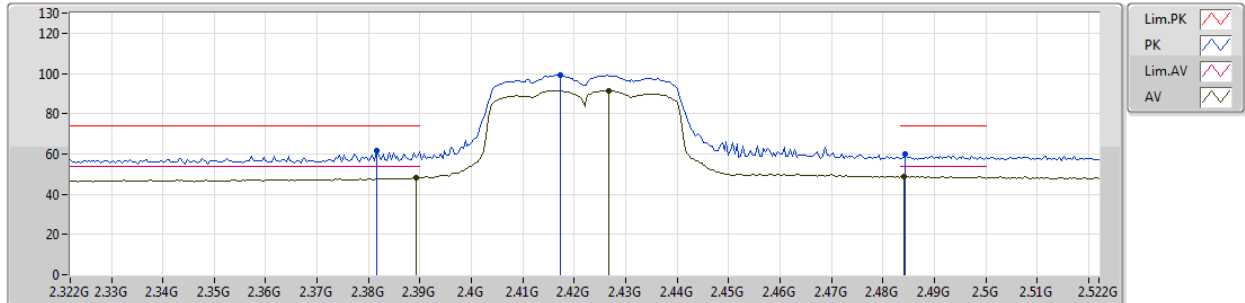


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.95666G	33.60	54.00	-20.40	6.17	3	Horizontal	46	1.50	-
AV	7.42716G	38.70	54.00	-15.30	11.53	3	Horizontal	0	1.50	-
PK	4.9383G	45.58	74.00	-28.42	6.12	3	Horizontal	46	1.50	-
PK	7.40592G	50.83	74.00	-23.17	11.49	3	Horizontal	0	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2422MHz_TX

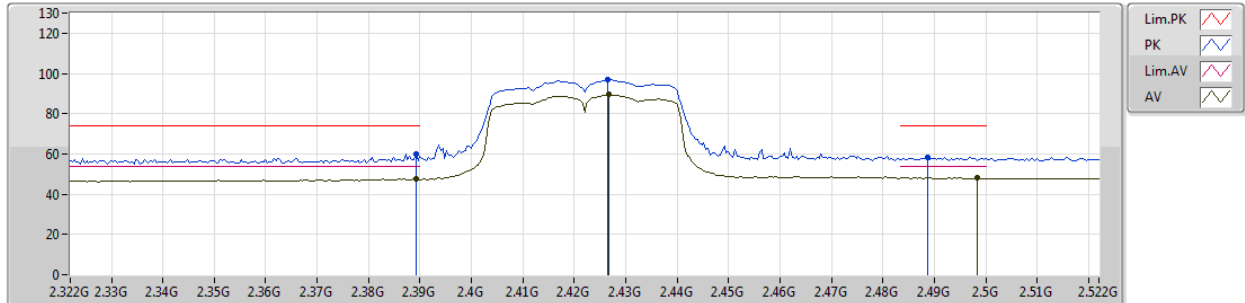


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	48.35	54.00	-5.65	30.37	3	Vertical	163	1.24	-
AV	2.4268G	91.55	Inf	-Inf	30.50	3	Vertical	163	1.24	-
AV	2.484G	48.98	54.00	-5.02	30.69	3	Vertical	163	1.24	-
PK	2.3816G	61.58	74.00	-12.42	30.35	3	Vertical	163	1.24	-
PK	2.4172G	99.16	Inf	-Inf	30.47	3	Vertical	163	1.24	-
PK	2.4844G	60.14	74.00	-13.86	30.69	3	Vertical	163	1.24	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2422MHz_TX

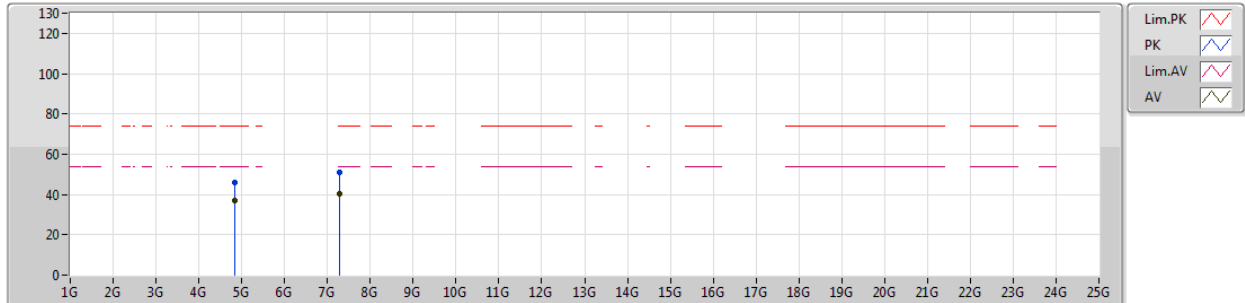


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3892G	47.46	54.00	-6.54	30.37	3	Horizontal	316	1.13	-
AV	2.4268G	89.40	Inf	-Inf	30.50	3	Horizontal	316	1.13	-
AV	2.4984G	48.10	54.00	-5.90	30.75	3	Horizontal	316	1.13	-
PK	2.3892G	59.81	74.00	-14.19	30.37	3	Horizontal	316	1.13	-
PK	2.4264G	96.94	Inf	-Inf	30.50	3	Horizontal	316	1.13	-
PK	2.4888G	58.27	74.00	-15.73	30.71	3	Horizontal	316	1.13	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2422MHz_TX

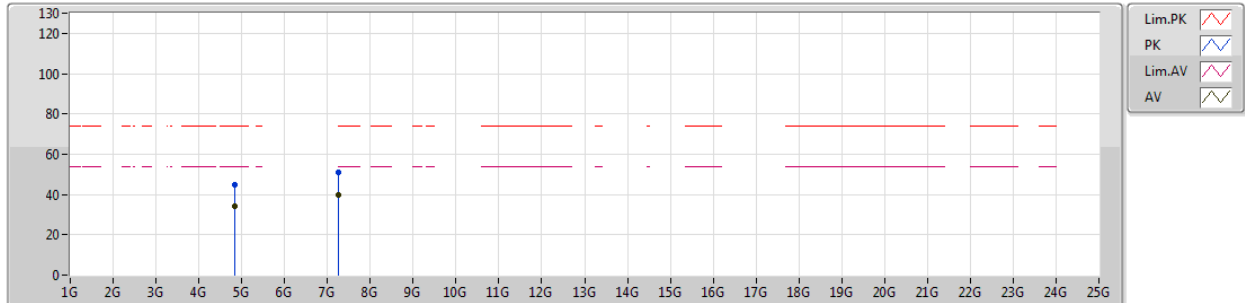


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84406G	36.75	54.00	-17.25	5.93	3	Vertical	0	1.01	-
AV	7.27188G	40.10	54.00	-13.90	11.12	3	Vertical	39	1.50	-
PK	4.84388G	46.08	74.00	-27.92	5.93	3	Vertical	0	1.01	-
PK	7.28028G	50.78	74.00	-23.22	11.14	3	Vertical	39	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2422MHz_TX

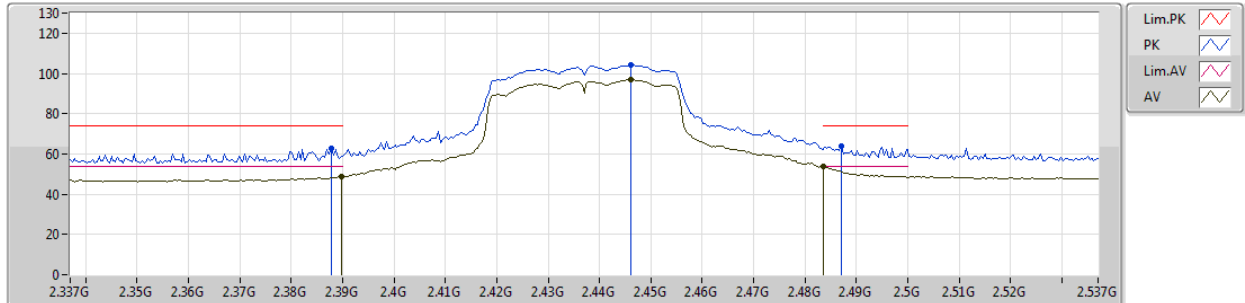


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84394G	34.41	54.00	-19.59	5.93	3	Horizontal	12	1.01	-
AV	7.25808G	39.84	54.00	-14.16	11.08	3	Horizontal	254	1.32	-
PK	4.84934G	44.81	74.00	-29.19	5.94	3	Horizontal	12	1.01	-
PK	7.2588G	51.07	74.00	-22.93	11.08	3	Horizontal	254	1.32	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

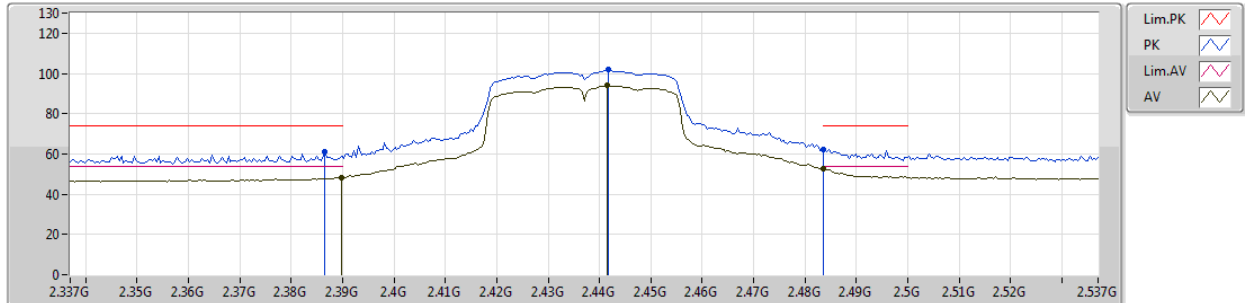


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.78	54.00	-5.22	30.38	3	Vertical	181	1.35	-
AV	2.4462G	96.70	Inf	-Inf	30.57	3	Vertical	181	1.35	-
AV	2.4835G	53.80	54.00	-0.20	30.69	3	Vertical	181	1.35	-
PK	2.3878G	62.63	74.00	-11.37	30.37	3	Vertical	181	1.35	-
PK	2.4462G	104.16	Inf	-Inf	30.57	3	Vertical	181	1.35	-
PK	2.487G	63.65	74.00	-10.35	30.71	3	Vertical	181	1.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

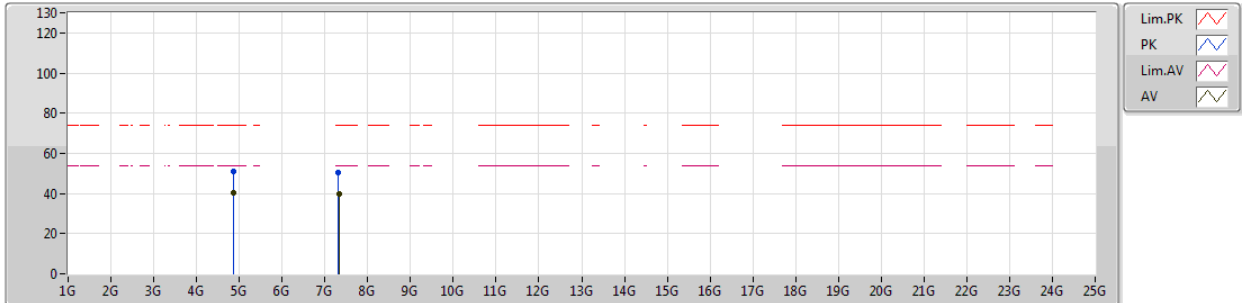


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.15	54.00	-5.85	30.38	3	Horizontal	315	1.35	-
AV	2.4414G	93.88	Inf	-Inf	30.55	3	Horizontal	315	1.35	-
AV	2.4835G	52.42	54.00	-1.58	30.69	3	Horizontal	315	1.35	-
PK	2.3866G	61.22	74.00	-12.78	30.37	3	Horizontal	315	1.35	-
PK	2.4418G	101.95	Inf	-Inf	30.55	3	Horizontal	315	1.35	-
PK	2.4835G	62.31	74.00	-11.69	30.69	3	Horizontal	315	1.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

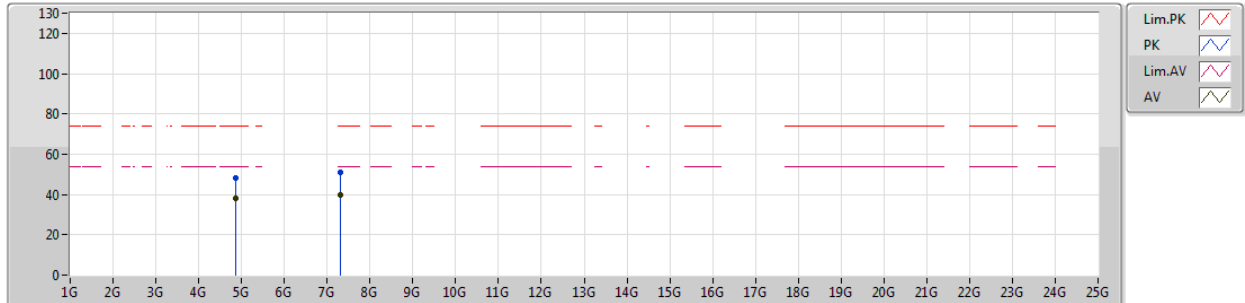


Type	Freq [Hz]	Level [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Factor [dB]	Dist [m]	Condition	Azimuth [°]	Height [m]	Comments								
AV	4.87382G	40.33	54.00	-13.67	6.00	3	Vertical	87	1.01	-								
AV	7.32288G	39.88	54.00	-14.12	11.25	3	Vertical	0	2.94	-								
PK	4.87442G	50.92	74.00	-23.08	6.00	3	Vertical	87	1.01	-								
PK	7.3089G	50.62	74.00	-23.38	11.21	3	Vertical	0	2.94	-								

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2437MHz_TX

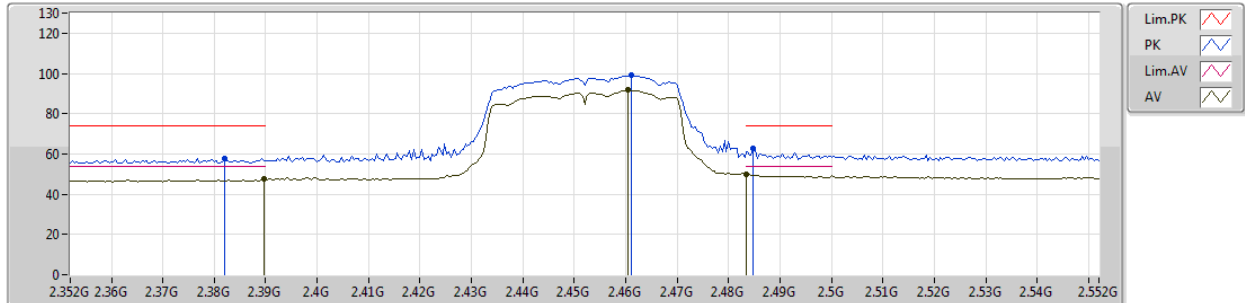


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87424G	38.10	54.00	-15.90	6.00	3	Horizontal	7	1.19	-
AV	7.31784G	39.80	54.00	-14.20	11.25	3	Horizontal	39	1.50	-
PK	4.87364G	48.12	74.00	-25.88	6.00	3	Horizontal	7	1.19	-
PK	7.3002G	50.94	74.00	-23.06	11.19	3	Horizontal	39	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2452MHz_TX

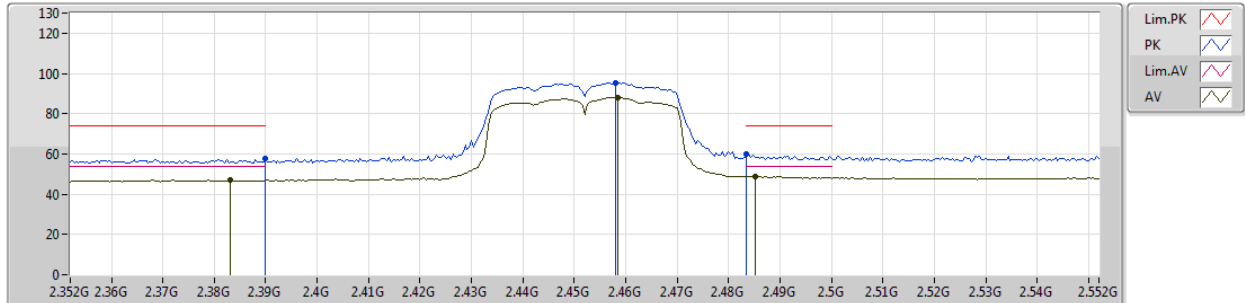


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	47.47	54.00	-6.53	30.38	3	Vertical	216	1.30	-
AV	2.4604G	91.63	Inf	-Inf	30.61	3	Vertical	216	1.30	-
AV	2.4835G	49.62	54.00	-4.38	30.69	3	Vertical	216	1.30	-
PK	2.382G	57.88	74.00	-16.12	30.35	3	Vertical	216	1.30	-
PK	2.4612G	98.93	Inf	-Inf	30.62	3	Vertical	216	1.30	-
PK	2.4848G	62.54	74.00	-11.46	30.69	3	Vertical	216	1.30	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2452MHz_TX

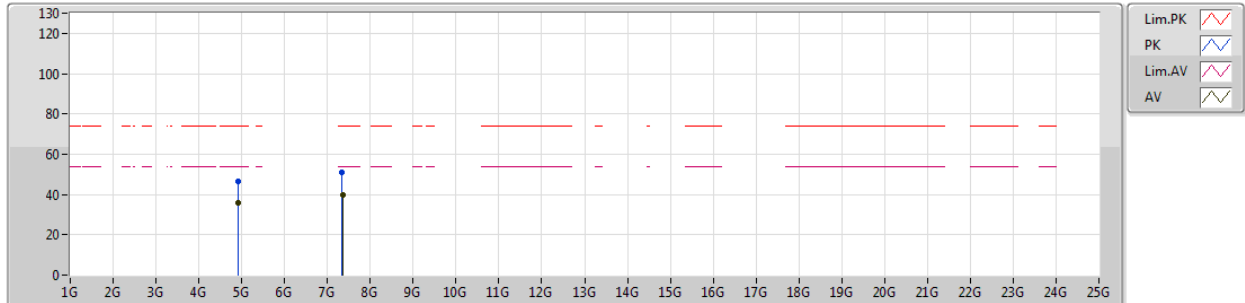


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3832G	46.91	54.00	-7.09	30.35	3	Horizontal	318	1.09	-
AV	2.4584G	87.81	Inf	-Inf	30.61	3	Horizontal	318	1.09	-
AV	2.4852G	48.99	54.00	-5.01	30.70	3	Horizontal	318	1.09	-
PK	2.39G	57.63	74.00	-16.37	30.38	3	Horizontal	318	1.09	-
PK	2.458G	95.38	Inf	-Inf	30.61	3	Horizontal	318	1.09	-
PK	2.4835G	59.72	74.00	-14.28	30.69	3	Horizontal	318	1.09	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2452MHz_TX

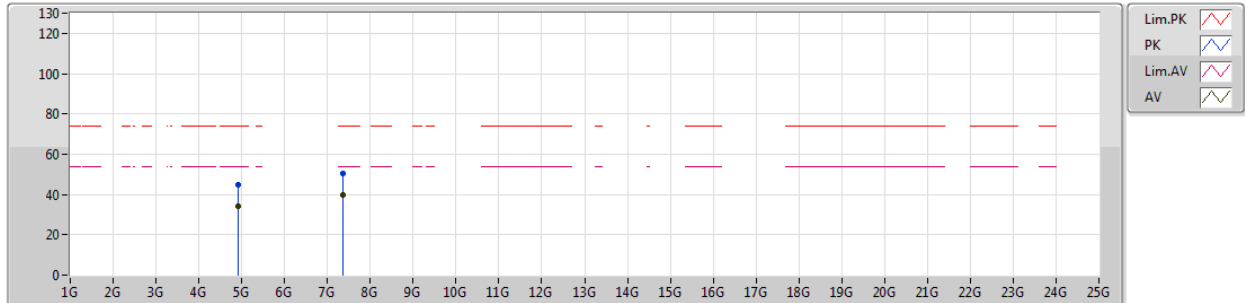


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90382G	35.82	54.00	-18.18	6.06	3	Vertical	191	1.22	-
AV	7.36056G	39.78	54.00	-14.22	11.35	3	Vertical	52	1.72	-
PK	4.90664G	46.23	74.00	-27.77	6.06	3	Vertical	191	1.22	-
PK	7.34268G	51.14	74.00	-22.86	11.31	3	Vertical	52	1.72	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2452MHz_TX

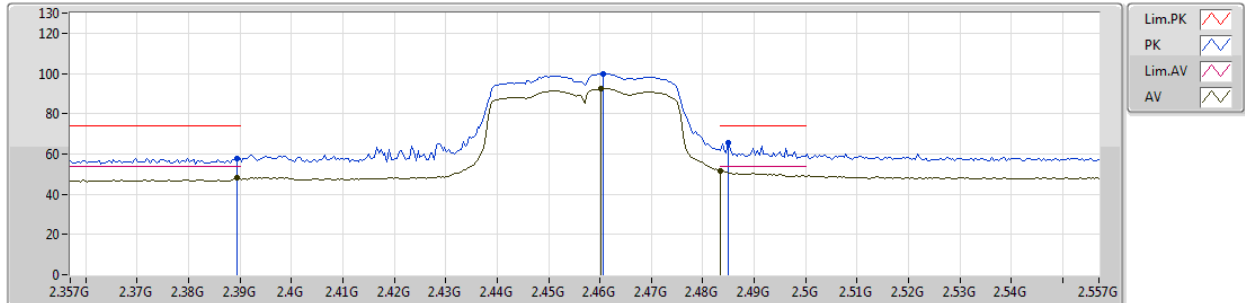


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91612G	34.29	54.00	-19.71	6.08	3	Horizontal	187	1.59	-
AV	7.3635G	39.92	54.00	-14.08	11.37	3	Horizontal	31	1.50	-
PK	4.91054G	45.08	74.00	-28.92	6.07	3	Horizontal	187	1.59	-
PK	7.3674G	50.61	74.00	-23.39	11.38	3	Horizontal	31	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2457MHz_TX

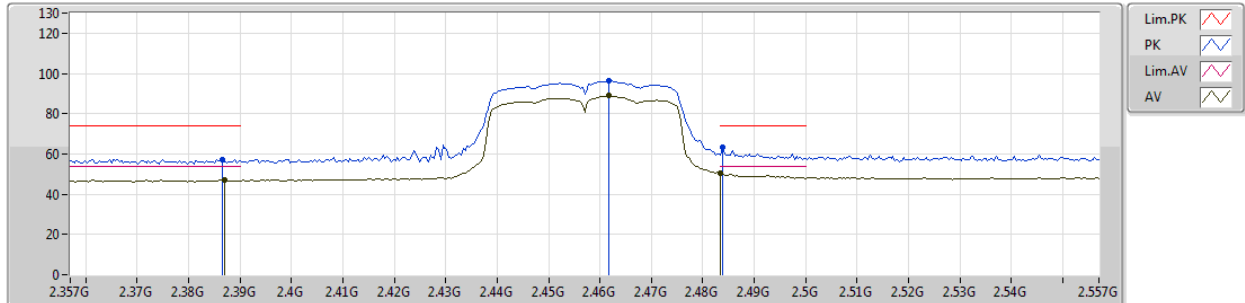


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	47.92	54.00	-6.08	30.37	3	Vertical	163	1.19	-
AV	2.4602G	92.34	Inf	-Inf	30.61	3	Vertical	163	1.19	-
AV	2.4835G	51.64	54.00	-2.36	30.69	3	Vertical	163	1.19	-
PK	2.3894G	57.82	74.00	-16.18	30.37	3	Vertical	163	1.19	-
PK	2.4606G	99.99	Inf	-Inf	30.62	3	Vertical	163	1.19	-
PK	2.485G	65.33	74.00	-8.67	30.69	3	Vertical	163	1.19	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2457MHz_TX

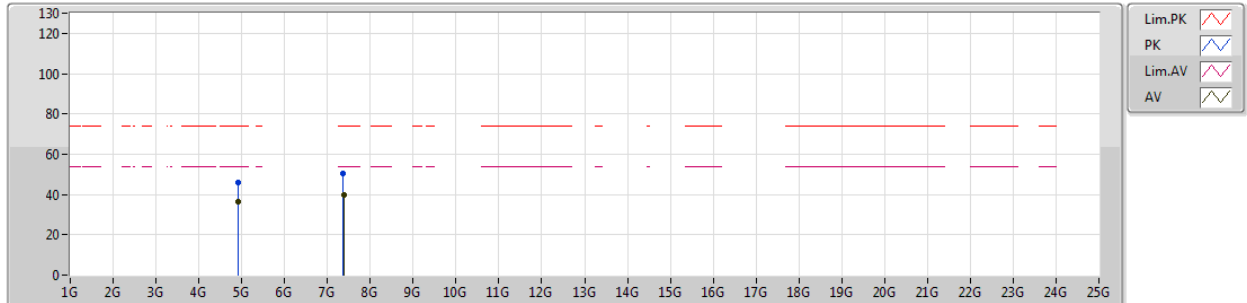


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.387G	46.95	54.00	-7.05	30.37	3	Horizontal	316	1.11	-
AV	2.4618G	88.87	Inf	-Inf	30.62	3	Horizontal	316	1.11	-
AV	2.4835G	50.22	54.00	-3.78	30.69	3	Horizontal	316	1.11	-
PK	2.3866G	57.37	74.00	-16.63	30.37	3	Horizontal	316	1.11	-
PK	2.4618G	96.18	Inf	-Inf	30.62	3	Horizontal	316	1.11	-
PK	2.4838G	63.26	74.00	-10.74	30.69	3	Horizontal	316	1.11	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2457MHz_TX

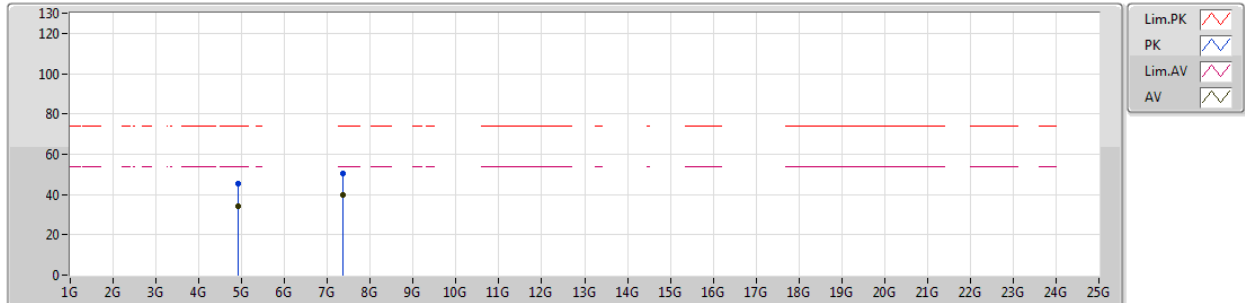


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.914G	36.35	54.00	-17.65	6.08	3	Vertical	192	1.36	-
AV	7.37532G	39.80	54.00	-14.20	11.40	3	Vertical	313	1.79	-
PK	4.91382G	45.68	74.00	-28.32	6.08	3	Vertical	192	1.36	-
PK	7.35666G	50.57	74.00	-23.43	11.34	3	Vertical	313	1.79	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2457MHz_TX

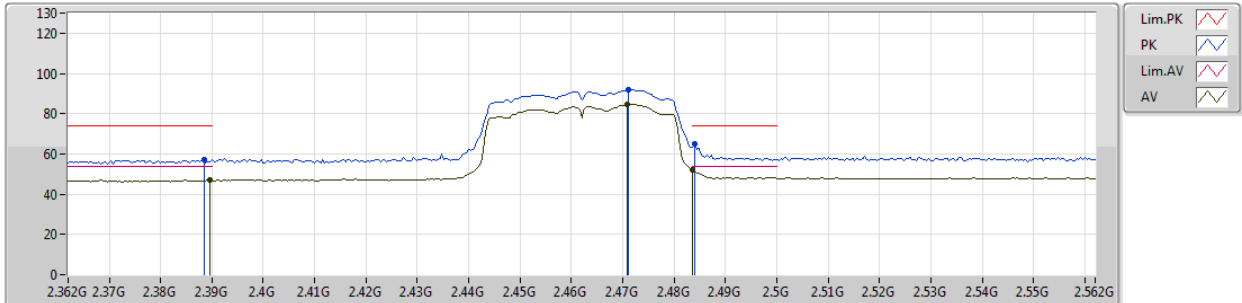


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90854G	34.17	54.00	-19.83	6.06	3	Horizontal	0	1.50	-
AV	7.36272G	39.76	54.00	-14.24	11.36	3	Horizontal	322	1.50	-
PK	4.9149G	45.28	74.00	-28.72	6.08	3	Horizontal	0	1.50	-
PK	7.36356G	50.52	74.00	-23.48	11.37	3	Horizontal	322	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

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2462MHz_TX

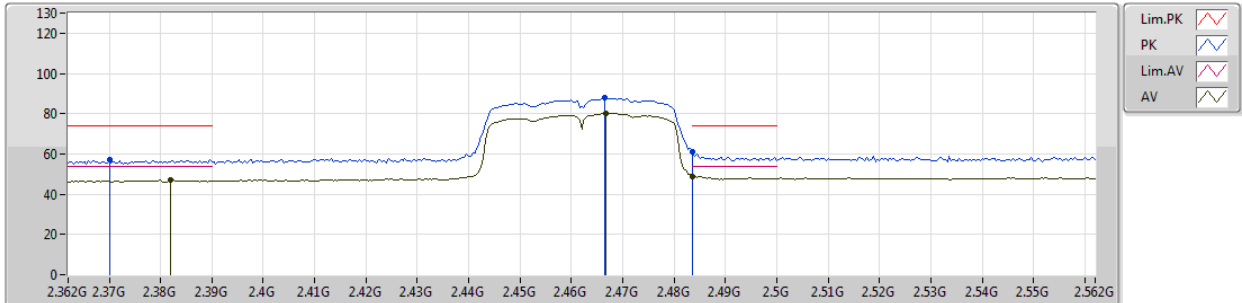


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	46.99	54.00	-7.01	30.38	3	Vertical	218	1.21	-
AV	2.4708G	84.46	Inf	-Inf	30.65	3	Vertical	218	1.21	-
AV	2.4835G	52.12	54.00	-1.88	30.69	3	Vertical	218	1.21	-
PK	2.3884G	57.25	74.00	-16.75	30.37	3	Vertical	218	1.21	-
PK	2.4712G	91.71	Inf	-Inf	30.65	3	Vertical	218	1.21	-
PK	2.484G	64.73	74.00	-9.27	30.69	3	Vertical	218	1.21	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

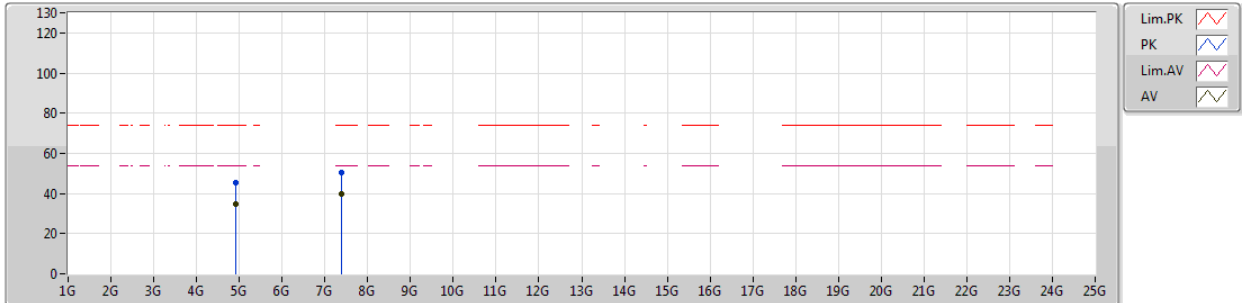


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.382G	46.91	54.00	-7.09	30.35	3	Horizontal	316	1.15	-
AV	2.4668G	80.25	Inf	-Inf	30.64	3	Horizontal	316	1.15	-
AV	2.4835G	48.97	54.00	-5.03	30.69	3	Horizontal	316	1.15	-
PK	2.37G	57.29	74.00	-16.71	30.31	3	Horizontal	316	1.15	-
PK	2.4664G	87.72	Inf	-Inf	30.64	3	Horizontal	316	1.15	-
PK	2.4835G	60.87	74.00	-13.13	30.69	3	Horizontal	316	1.15	-

802.11ac VHT40_Nss1,(MCS0)_2TX

04/01/2019

2462MHz_TX

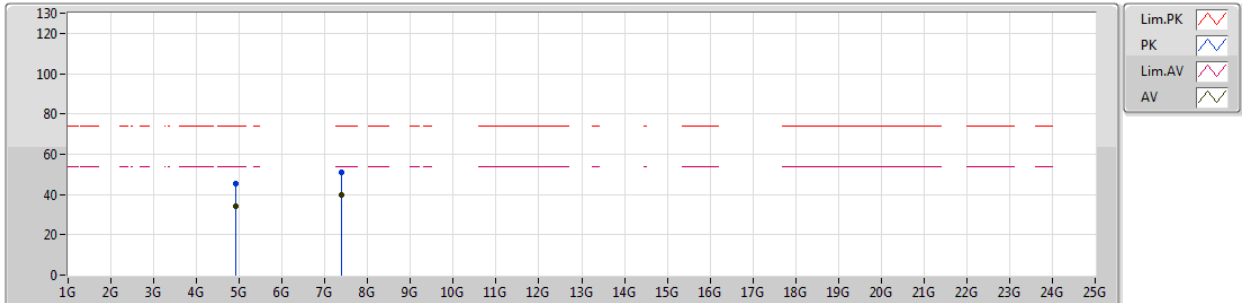


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments							
AV	4.9237G	34.89	54.00	-19.11	6.09	3	Vertical	196	1.15	-							
AV	7.37574G	39.87	54.00	-14.13	11.40	3	Vertical	228	2.51	-							
PK	4.92628G	45.49	74.00	-28.51	6.10	3	Vertical	196	1.15	-							
PK	7.37724G	50.44	74.00	-23.56	11.40	3	Vertical	228	2.51	-							

802.11ac VHT40_Nss1,(MCS0)_2TX

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2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.91056G	34.30	54.00	-19.70	6.07	3	Horizontal	254	1.36	-
AV	7.38318G	39.63	54.00	-14.37	11.41	3	Horizontal	122	1.05	-
PK	4.92922G	45.23	74.00	-28.77	6.10	3	Horizontal	254	1.36	-
PK	7.3752G	50.75	74.00	-23.25	11.40	3	Horizontal	122	1.05	-