

FCC Test Report

FCC ID : H8NRAX1V1K
Equipment : 11ax DBDC Router
Brand Name : Charter
Model Name : RAX1V1K
Applicant / Manufacturer : ASKEY COMPUTER CORPORATION
10F, No. 119, Jiankang Road, Zhonghe
Dist., New Taipei City, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on May 09, 2018, and testing was started from Jun. 01, 2018 and completed on Jun. 12, 2018. . We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR850858AC	01	Initial issue of report	Jun. 15, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(a)	DTS Bandwidth	PASS	≥500kHz
3.3	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	15.247(e)	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

Reviewed by: Sam 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), ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40), ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11ac VHT20	20	4TX
2.4-2.4835GHz	802.11ac VHT40	40	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX

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.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	Airgain	RT5000W	PCB antenna	I-PEX
2	2	Airgain	RT5000W	PCB antenna	I-PEX
3	3	Airgain	RT5000W	PCB antenna	I-PEX
4	4	Airgain	RT5000W	PCB antenna	I-PEX

Ant.	Gain (dBi)		
	2.4G	U-NII-I	U-NII-3
1	1.9	1.1	2.1
2	1.9	1.1	2.1
3	1.9	1.1	2.1
4	1.9	1.1	2.1

Note 1: The EUT has four antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac/ax mode (4TX/4RX)

Ant. 1 (port 1) , Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 1 (port 1) , Ant. 2 (port 2), Ant. 3 (port 3) and Ant. 4 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b	0.559	2.526	665.625u	3k
802.11g	0.287	5.421	105.469u	10k
802.11ac VHT20	0.962	0.168	5.43m	300
802.11ac VHT40	0.969	0.137	5.43m	300
802.11ax HEW20	0.969	0.137	5.447m	300
802.11ax HEW40	0.96	0.177	5.439m	300

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Kevin	25.5°C / 55%	08/Jun/2018
RF Conducted	TH01-HY	Randy	22.5°C / 65%	12/Jun/2018
Radiated	03CH09-HY	Jerry	25.5°C / 55%	07/Jun/2018

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	QSPR Version 5.0-00148
-----------------------	------------------------

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	25
2437MHz	24
2442MHz	24.5
2447MHz	23.5
2452MHz	23.5
2457MHz	20.5
2462MHz	20
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	10.5
2417MHz	11
2422MHz	12.5
2427MHz	13.5
2432MHz	14
2437MHz	15.5
2447MHz	15.5
2452MHz	13.5
2457MHz	11
2462MHz	8
802.11ac VHT20_Nss1,(MCS0)_4TX	-
2412MHz	14
2417MHz	18.5
2422MHz	20.5
2437MHz	20.5
2442MHz	20



Mode	PowerSetting
2447MHz	19
2452MHz	18
2457MHz	16.5
2462MHz	15
802.11ac VHT40_Nss1,(MCS0)_4TX	-
2422MHz	20
2427MHz	20
2432MHz	21
2437MHz	21
2442MHz	19.5
2447MHz	18
2452MHz	16
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	19
2417MHz	21
2422MHz	22.5
2437MHz	22.5
2447MHz	22.5
2452MHz	21
2457MHz	17.5
2462MHz	16.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	20
2427MHz	20
2432MHz	20.5
2437MHz	20.5
2442MHz	20
2447MHz	17.5
2452MHz	16.5

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA850858 for Co-location RF Exposure Evaluation.	

2.4 Accessories

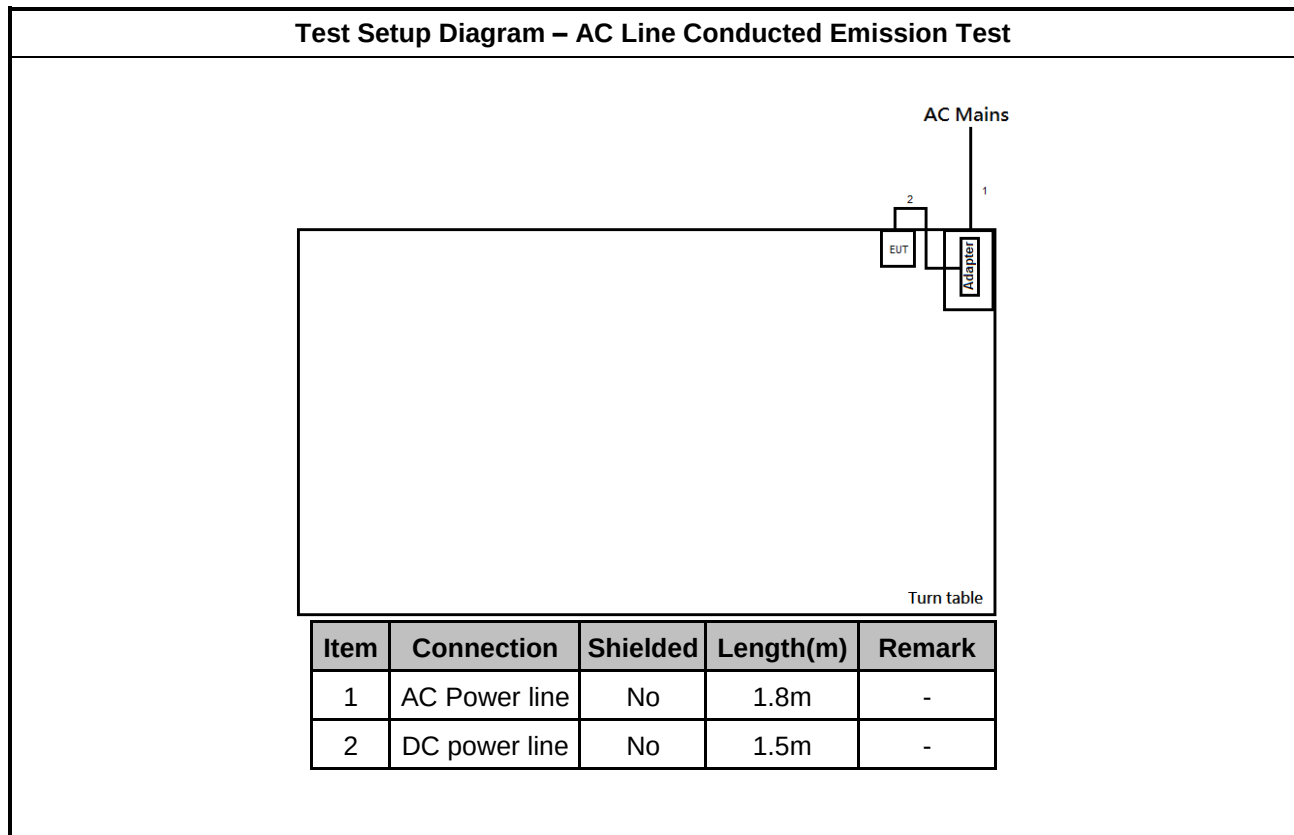
Accessories Information				
AC Adapter (US Plug)	Brand Name	SUNNY	Model Name	SYS1564-3012-W2
	Power Rating	I/P: 100 - 240Vac, 1.0 A, O/P: 12 Vdc, 2.5 A		
	Power Cord	1.5 meter, Non-Shielded cable, w/o ferrite core		
RJ45	Power Cord	1.8 meter, Non-Shielded cable, w/o ferrite core		

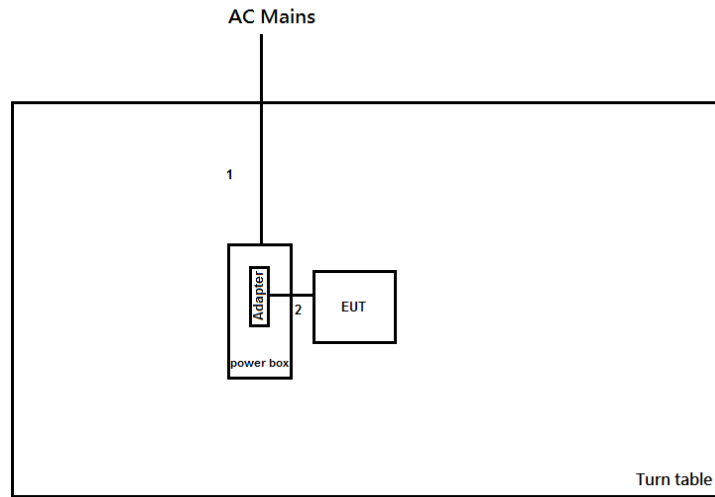
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

Support Equipment - RF Conducted				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC

2.6 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	1.5m	

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

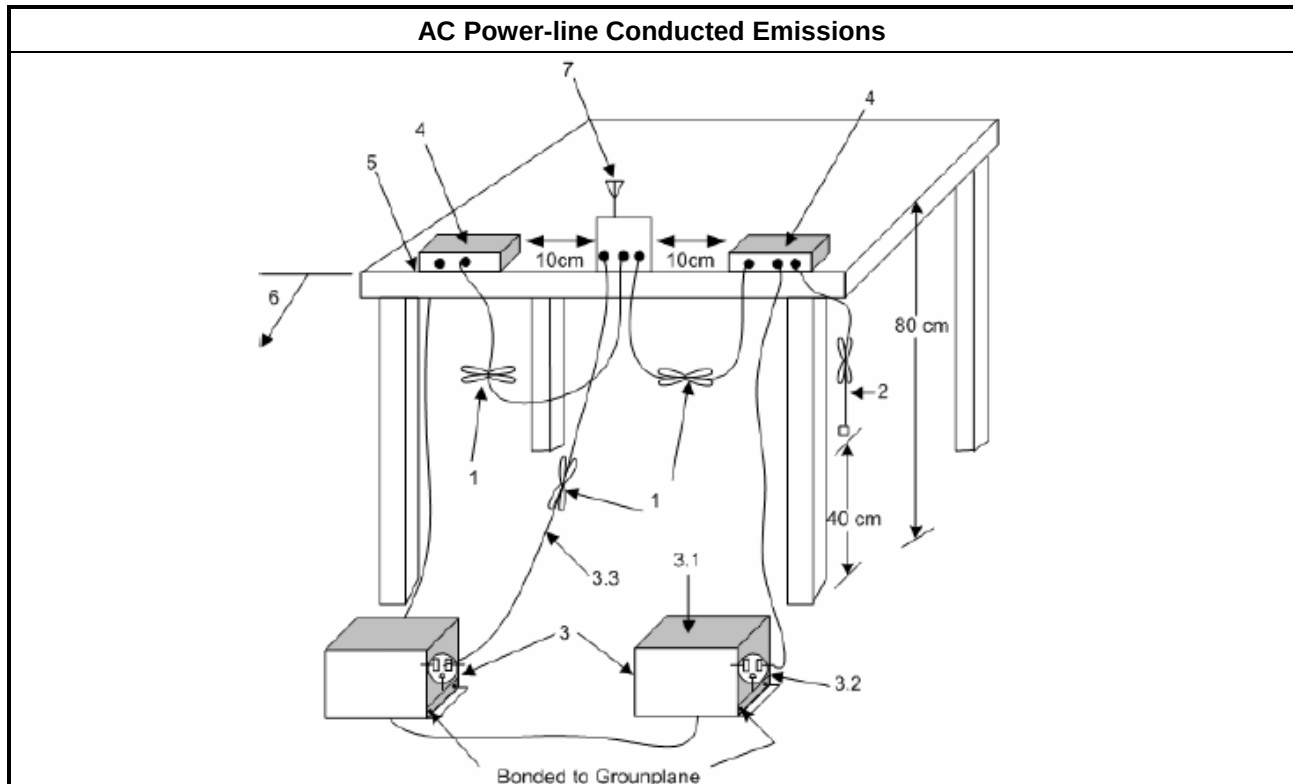
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

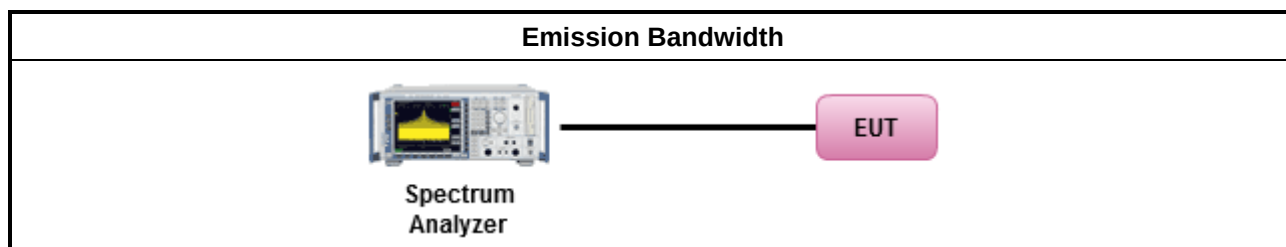
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074, clause 8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as KDB 558074, clause 8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

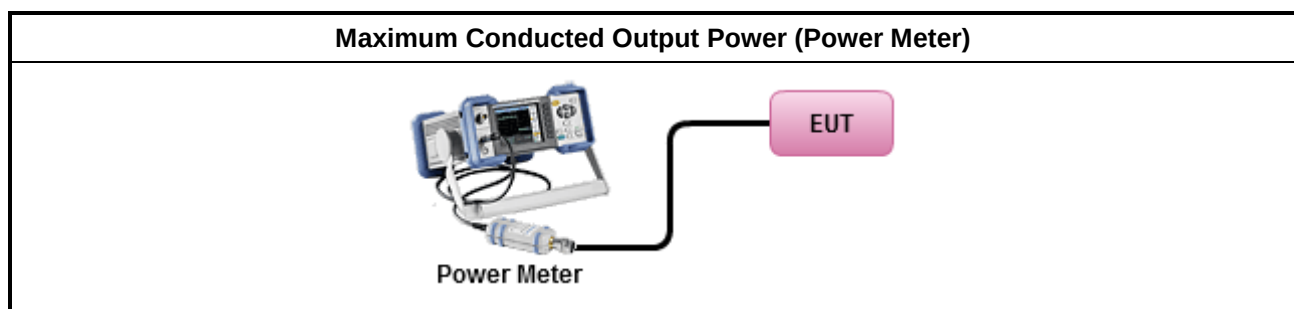
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 9.1.1 Option 1 (RBW ≥ EBW method).
☐	Refer as KDB 558074, clause 9.1.2 Option 2 (integrated band power method)
☐	Refer as KDB 558074, clause 9.1.3 Option 3 (peak power meter for VBW ≥ DTS BW)
Maximum Average Conducted Output Power	
Duty cycle ≥ 98%	
☐	Refer as KDB 558074, clause 9.2.2.4 Method AVGSA-2 (spectral trace averaging).
Duty cycle < 98%	
☐	Refer as KDB 558074, clause 9.2.2.5 Method AVGSA-2 Alt. (slow sweep speed)
RF power meter and average over on/off periods with duty factor or gated trigger	
☒	Refer as KDB 558074, clause 9.2.3.1 Method AVGPM (using an RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

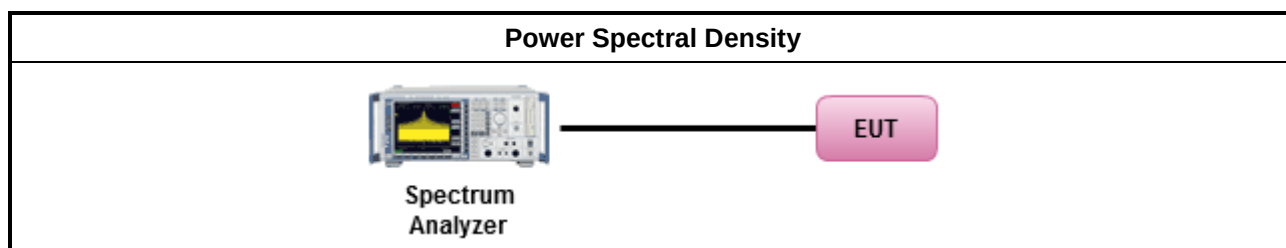
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
▪	Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 10.2 Method PKPSD (RBW=3-100kHz; Detector=peak).
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

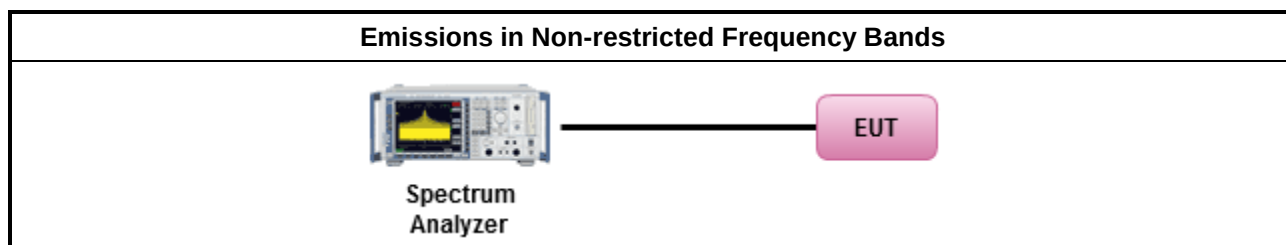
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

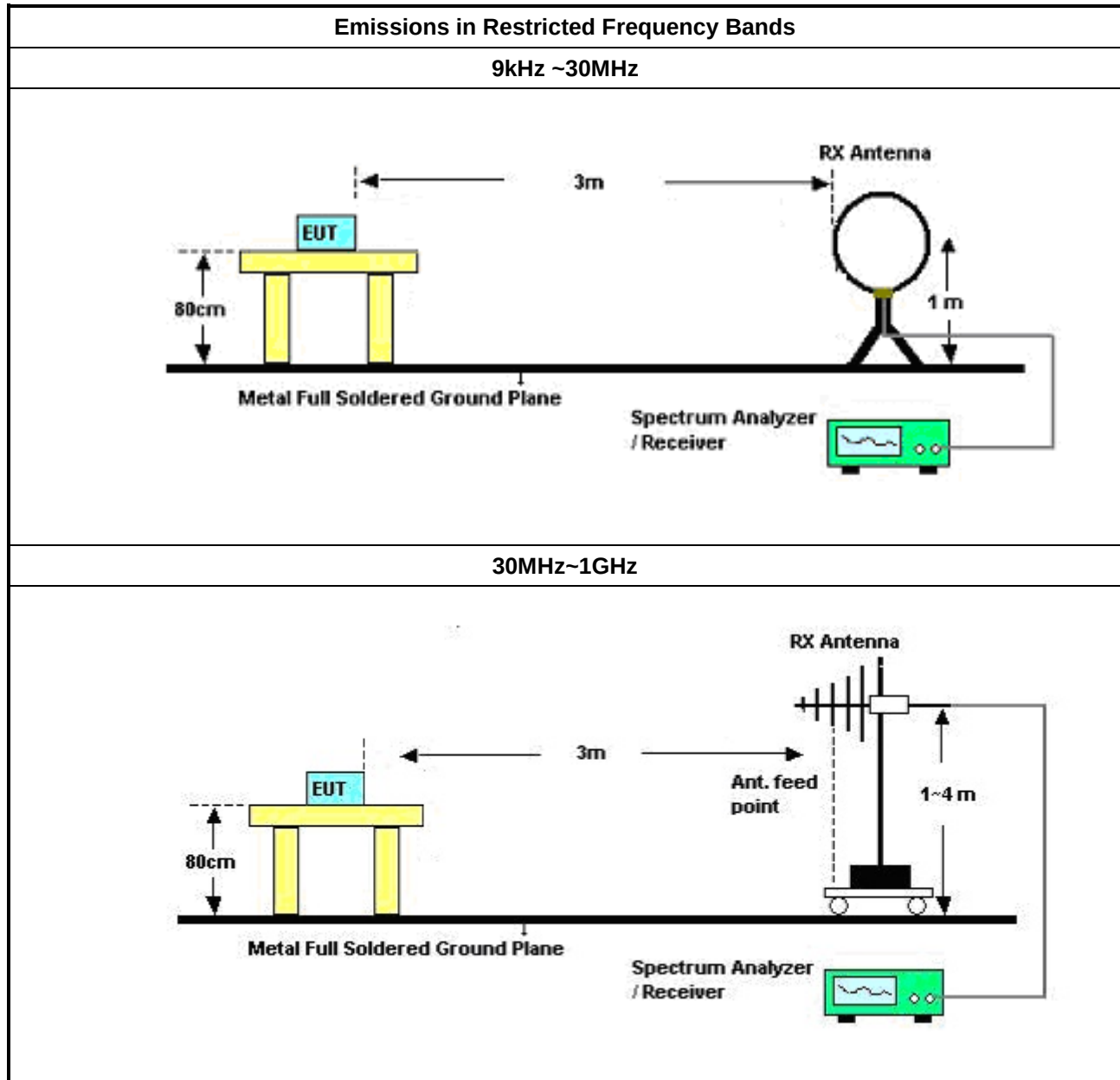
3.6.2 Measuring Instruments

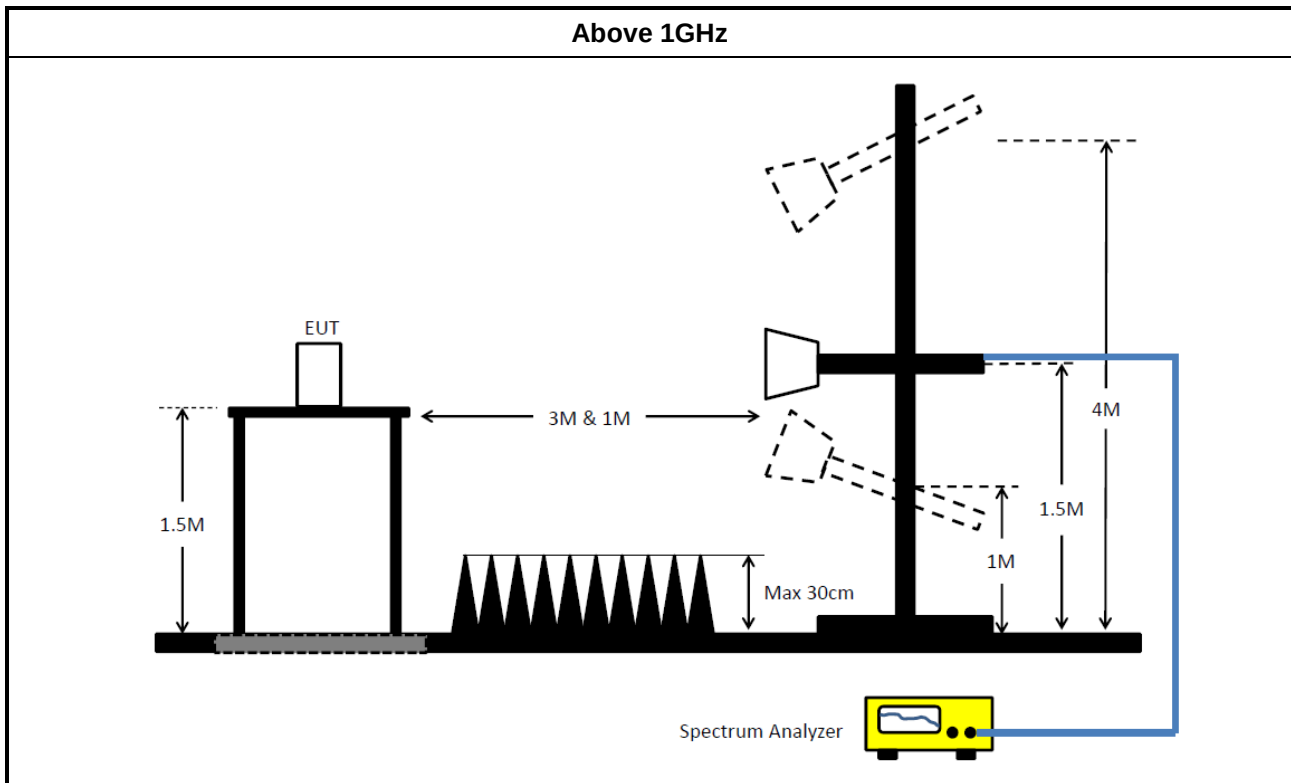
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup





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

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

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR : Non-Calibration Require

Instrument for Conducted Test

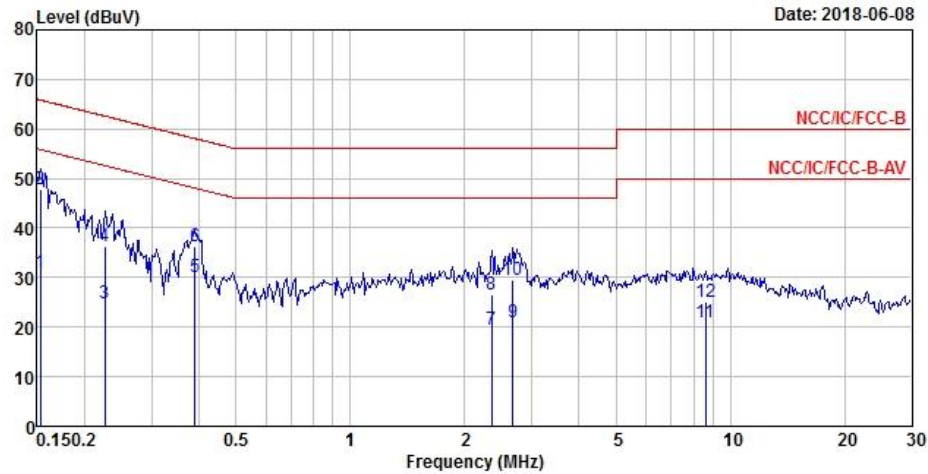
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

**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	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	20/Jun/2017	19/Jun/2018
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	Adapter mode		

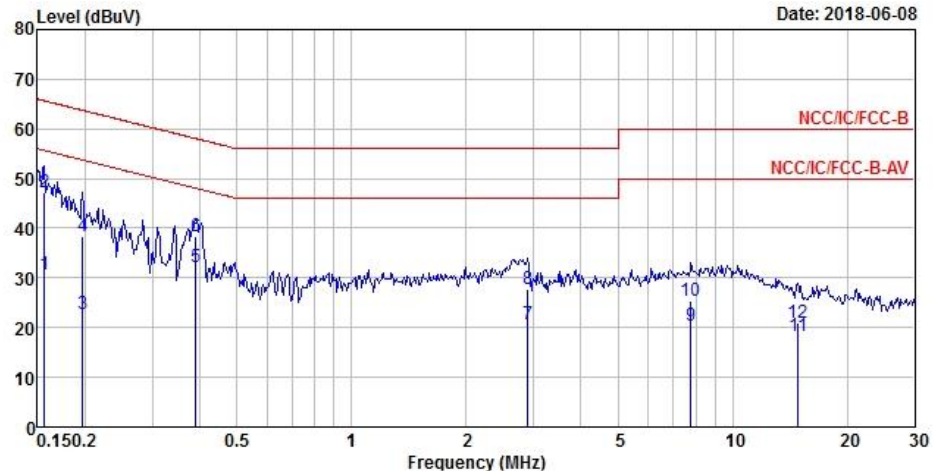


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	30.86	-24.96	55.82	21.19	9.63	0.04	Average
2	0.15	47.73	-18.09	65.82	38.06	9.63	0.04	QP
3	0.23	24.69	-27.92	52.61	15.05	9.62	0.02	Average
4	0.23	36.23	-26.38	62.61	26.59	9.62	0.02	QP
5 MAX	0.39	30.20	-17.88	48.08	20.49	9.61	0.10	Average
6	0.39	36.32	-21.76	58.08	26.61	9.61	0.10	QP
7	2.36	19.50	-26.50	46.00	9.85	9.63	0.02	Average
8	2.36	26.58	-29.42	56.00	16.93	9.63	0.02	QP
9	2.68	20.96	-25.04	46.00	11.29	9.63	0.04	Average
10	2.68	29.52	-26.48	56.00	19.85	9.63	0.04	QP
11	8.59	20.92	-29.08	50.00	11.06	9.68	0.18	Average
12	8.59	25.22	-34.78	60.00	15.36	9.68	0.18	QP

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

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	Adapter mode		



	Freq	Level	Over	Limit	Read	LISM	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.16	30.65	-25.00	55.65	20.99	9.62	0.04	Average
2	0.16	47.25	-18.40	65.65	37.59	9.62	0.04	QP
3	0.20	22.85	-30.91	53.76	13.23	9.62	0.00	Average
4	0.20	38.40	-25.36	63.76	28.78	9.62	0.00	QP
5 MAX	0.39	32.25	-15.83	48.08	22.54	9.61	0.10	Average
6	0.39	38.50	-19.58	58.08	28.79	9.61	0.10	QP
7	2.90	20.80	-25.20	46.00	11.12	9.63	0.05	Average
8	2.90	27.80	-28.20	56.00	18.12	9.63	0.05	QP
9	7.77	20.43	-29.57	50.00	10.61	9.65	0.17	Average
10	7.77	25.47	-34.53	60.00	15.65	9.65	0.17	QP
11	14.83	18.29	-31.71	50.00	8.64	9.64	0.01	Average
12	14.83	21.06	-38.94	60.00	11.41	9.64	0.01	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	13.05M	15.867M	15M9G1D	11.075M	15.717M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.542M	16M5D1D	16.3M	16.442M
802.11ac_VHT20_Nss1,(MCS0)_4TX	17.775M	17.791M	17M8D1D	17.575M	17.716M
802.11ac_VHT40_Nss1,(MCS0)_4TX	36.4M	36.382M	36M4D1D	36.3M	36.232M
802.11ax_HEW20_Nss1,(MCS0)_4TX	19.175M	19.04M	19M0D1D	18.975M	18.966M
802.11ax_HEW40_Nss1,(MCS0)_4TX	38.25M	37.981M	38M0D1D	37.95M	37.781M

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

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	12.1M	15.792M	12.1M	15.742M	12.525M	15.792M	13.025M	15.867M
2437MHz_TnomVnom	Pass	500k	13M	15.767M	12.1M	15.742M	12.975M	15.717M	13.025M	15.792M
2462MHz_TnomVnom	Pass	500k	11.075M	15.717M	12.55M	15.742M	13.05M	15.817M	12.5M	15.842M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.517M	16.35M	16.492M	16.325M	16.492M	16.325M	16.467M
2437MHz_TnomVnom	Pass	500k	16.325M	16.492M	16.325M	16.492M	16.3M	16.517M	16.35M	16.442M
2462MHz_TnomVnom	Pass	500k	16.325M	16.542M	16.35M	16.467M	16.325M	16.517M	16.35M	16.442M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.575M	17.716M	17.6M	17.766M	17.575M	17.741M	17.6M	17.741M
2437MHz_TnomVnom	Pass	500k	17.6M	17.716M	17.6M	17.741M	17.625M	17.766M	17.6M	17.716M
2462MHz_TnomVnom	Pass	500k	17.775M	17.741M	17.575M	17.766M	17.575M	17.791M	17.6M	17.766M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.3M	36.232M	36.3M	36.332M	36.35M	36.282M	36.3M	36.282M
2437MHz_TnomVnom	Pass	500k	36.3M	36.332M	36.3M	36.282M	36.4M	36.282M	36.35M	36.282M
2452MHz_TnomVnom	Pass	500k	36.3M	36.382M	36.35M	36.332M	36.35M	36.282M	36.3M	36.332M
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	19.1M	19.015M	19.025M	18.991M	19.05M	18.991M	19.1M	19.015M
2437MHz_TnomVnom	Pass	500k	19M	19.015M	19.025M	19.015M	19.075M	18.991M	18.975M	18.966M
2462MHz_TnomVnom	Pass	500k	19.05M	18.966M	19M	19.015M	19.175M	19.04M	19.1M	18.991M
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	38.15M	37.831M	38.1M	37.881M	38.2M	37.931M	38.05M	37.931M
2437MHz_TnomVnom	Pass	500k	38.25M	37.931M	38.15M	37.881M	38.1M	37.781M	38.05M	37.881M
2452MHz_TnomVnom	Pass	500k	38M	37.981M	38.15M	37.881M	38.15M	37.981M	37.95M	37.931M

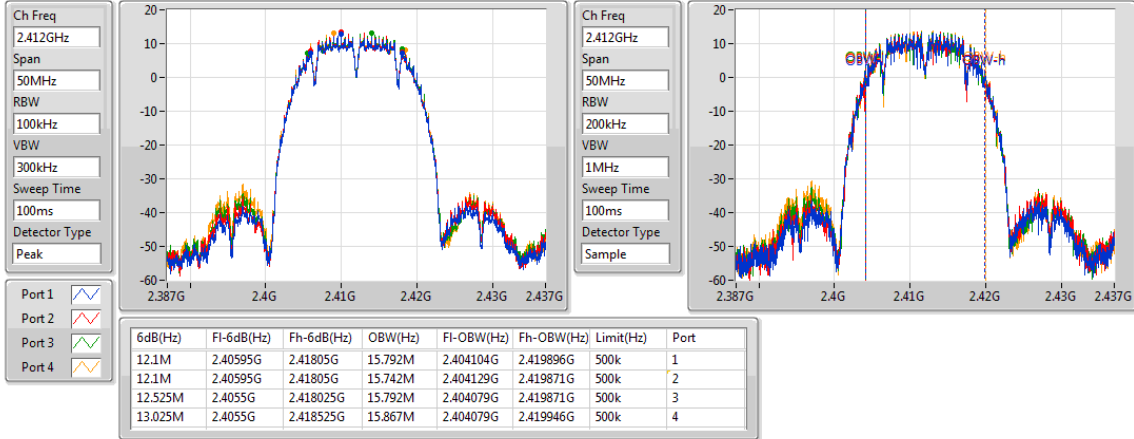
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

21/05/2018

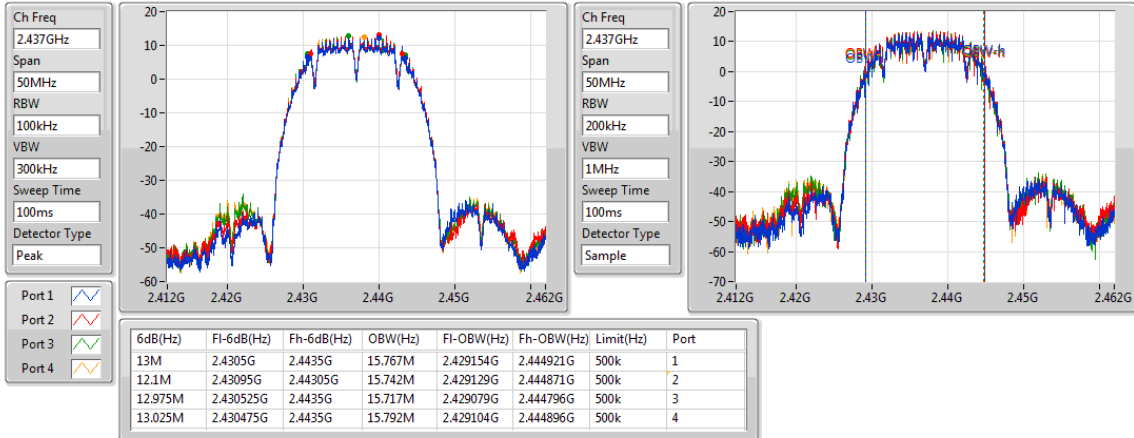


802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

21/05/2018

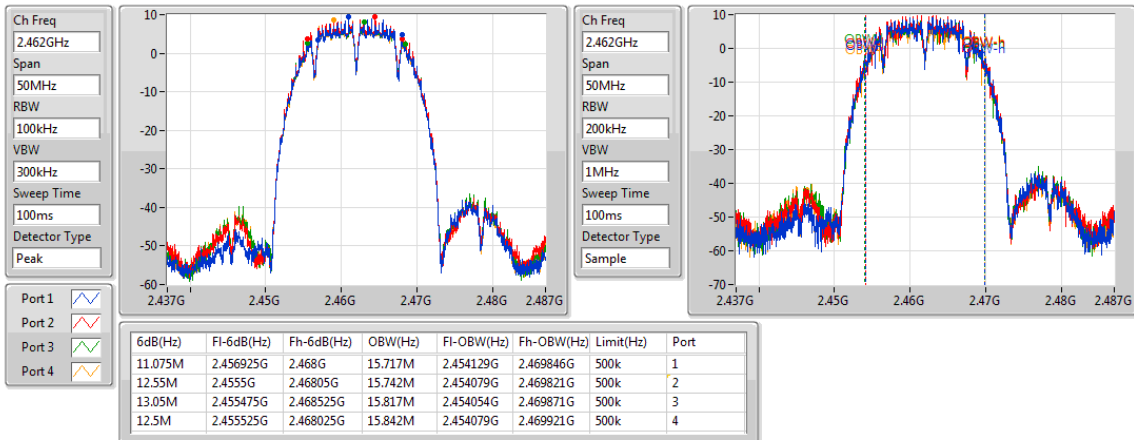


802.11b_Nss1,(1Mbps)_4TX

EBW

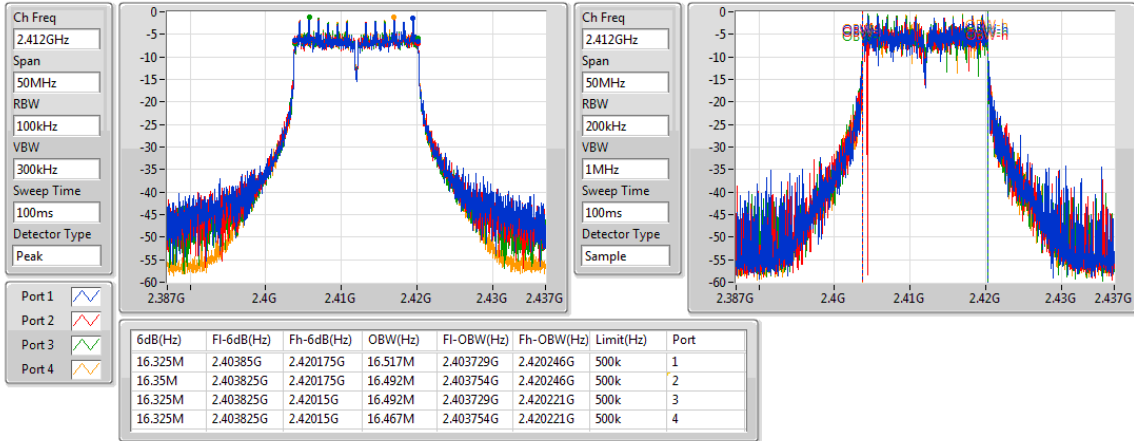
2462MHz

21/05/2018

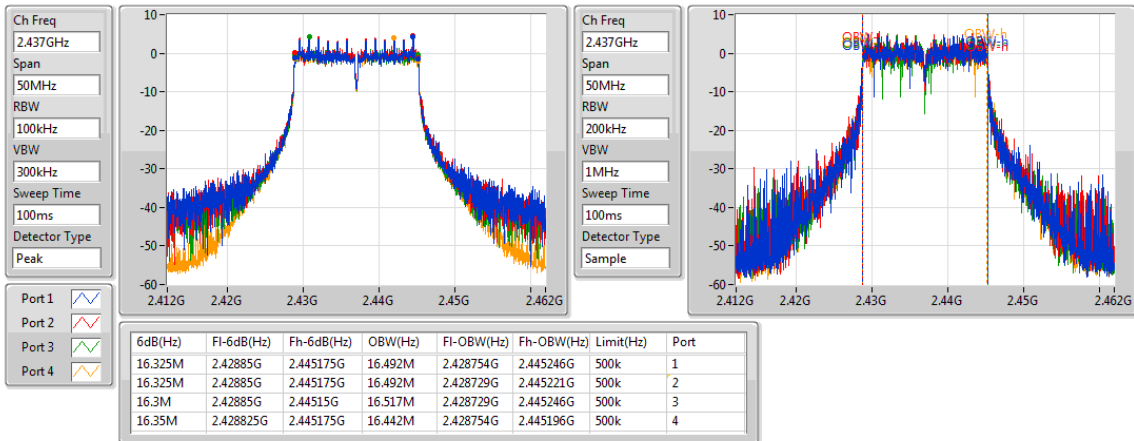


802.11g_Nss1,(6Mbps)_4TX
EBW
2412MHz

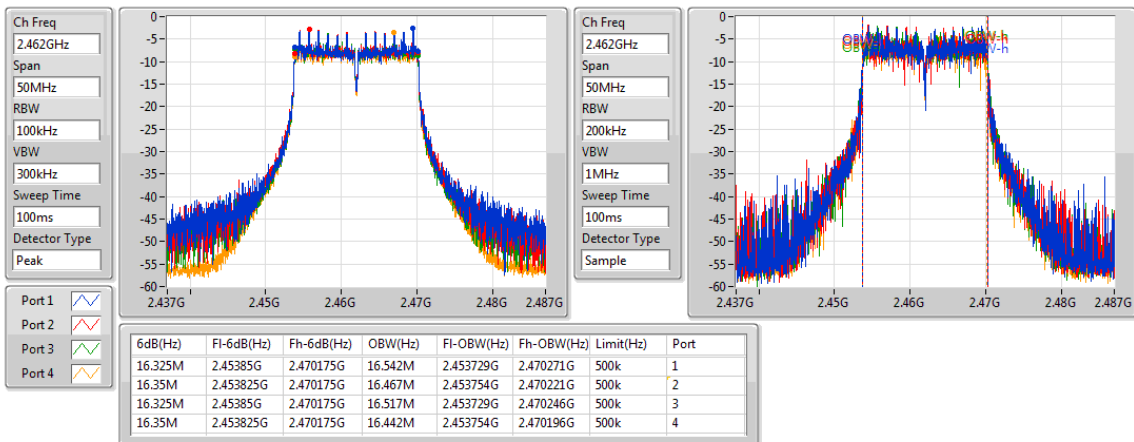
04/06/2018


802.11g_Nss1,(6Mbps)_4TX
EBW
2437MHz

04/06/2018

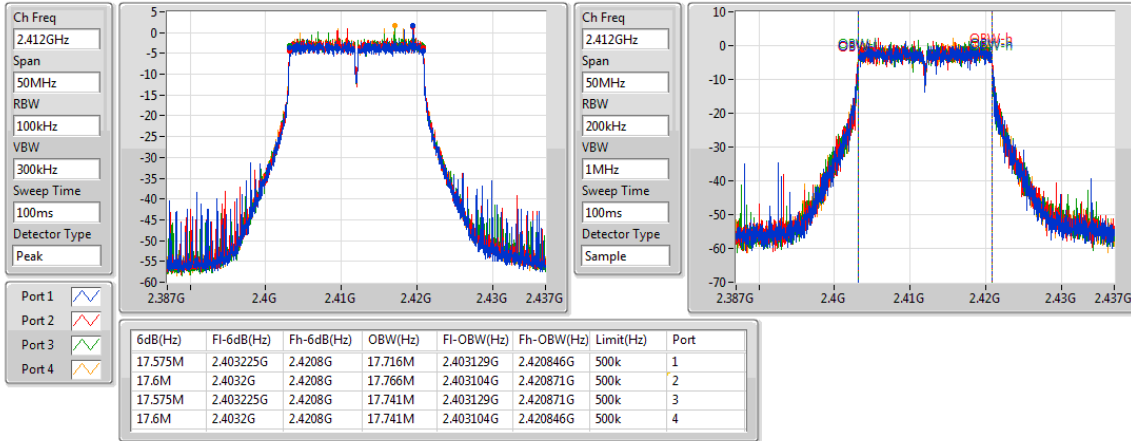

802.11g_Nss1,(6Mbps)_4TX
EBW
2462MHz

04/06/2018

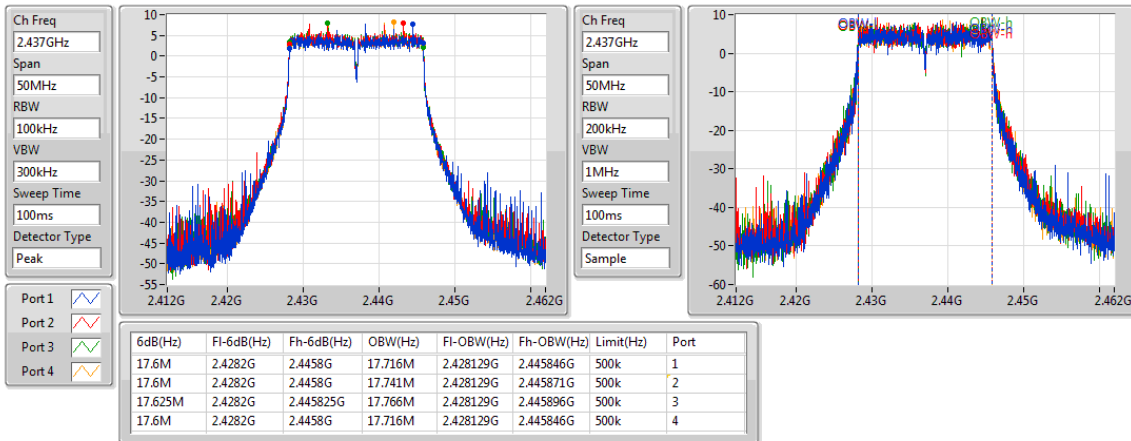


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
2412MHz

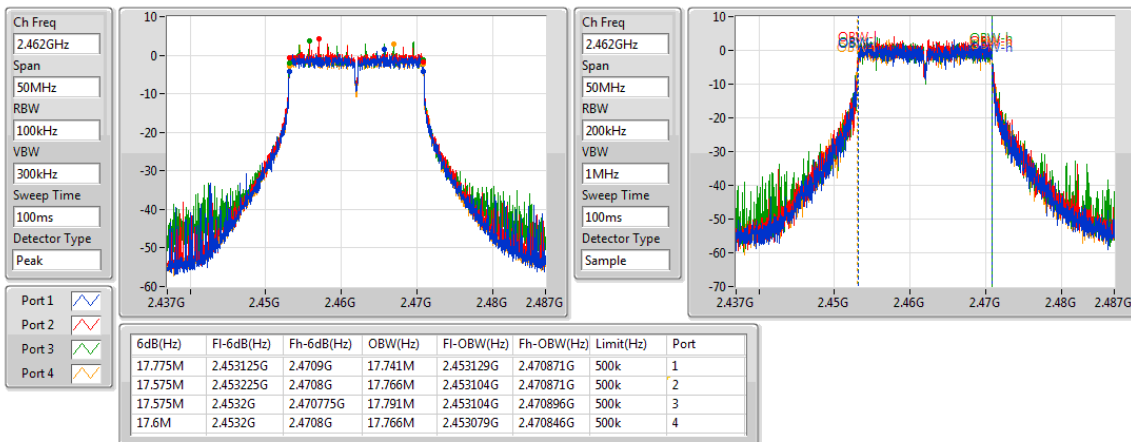
12/06/2018


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
2437MHz

12/06/2018

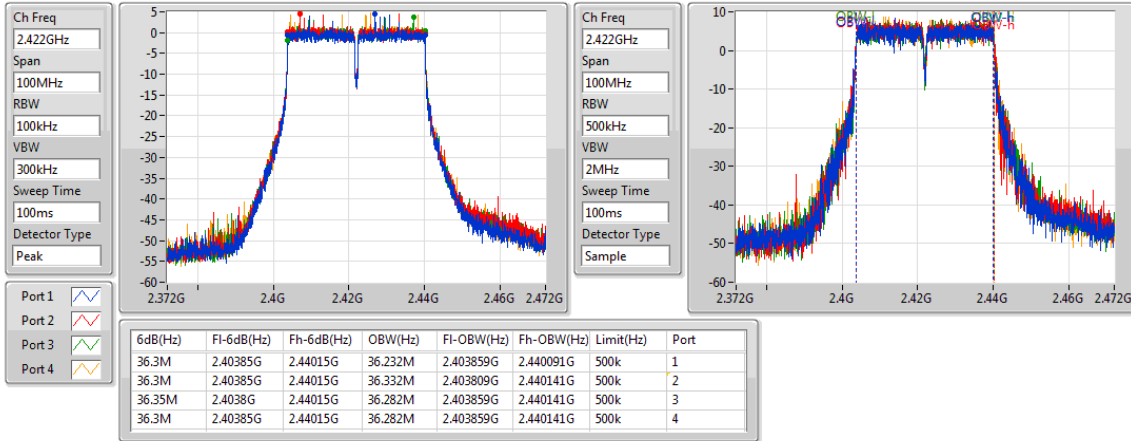

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
2462MHz

12/06/2018

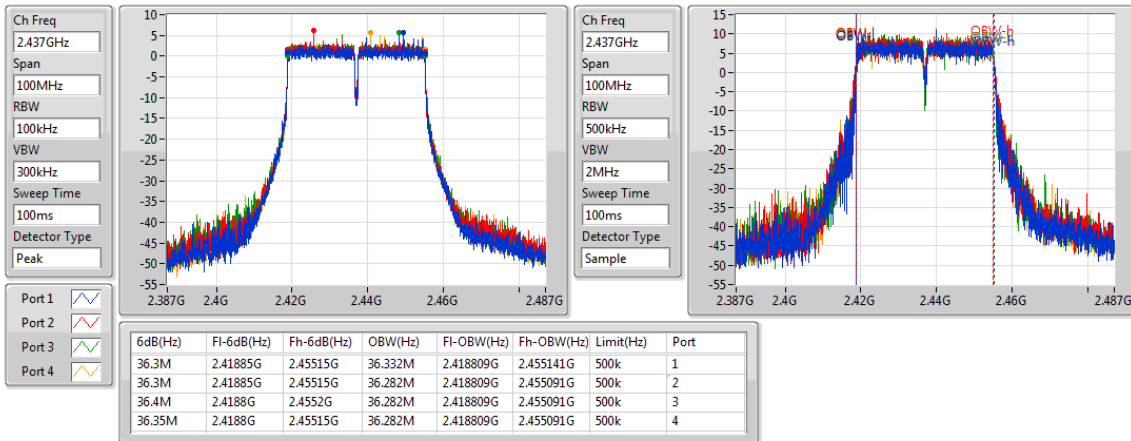


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
2422MHz

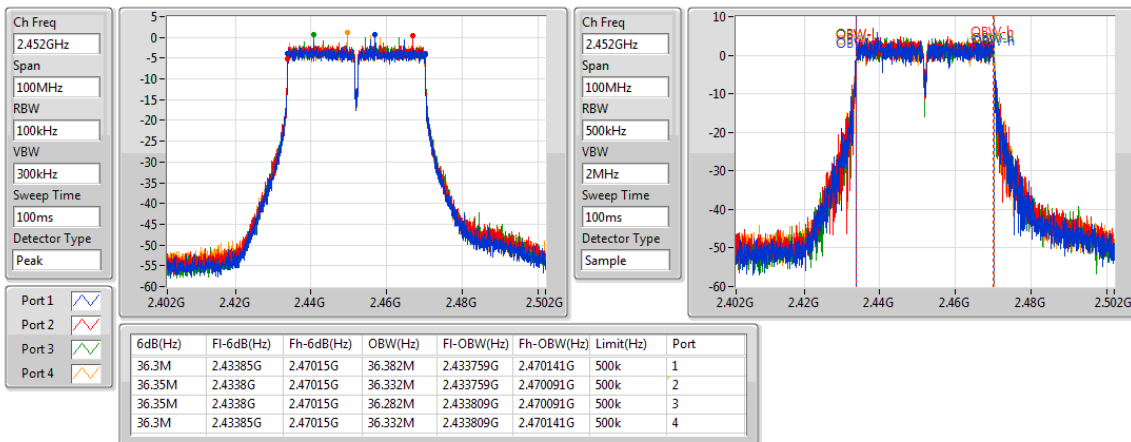
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802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
2437MHz

12/06/2018

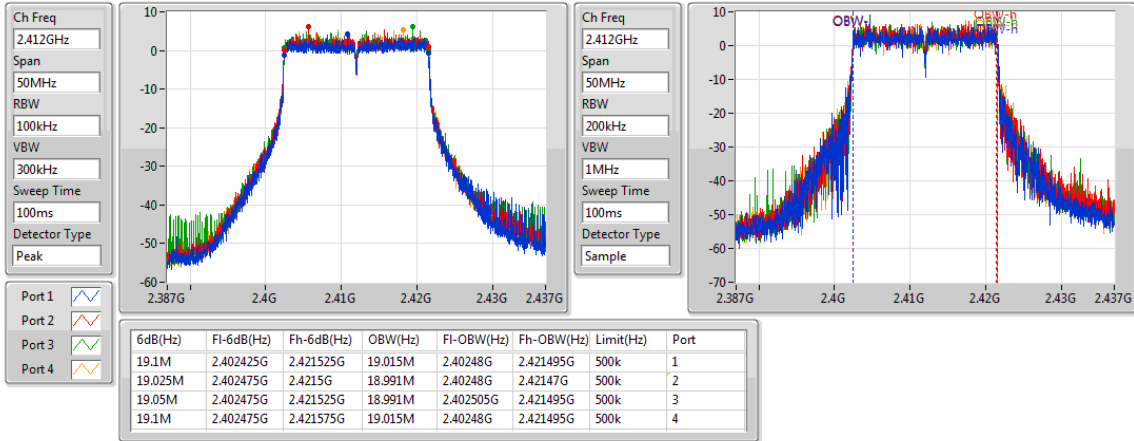

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
2452MHz

12/06/2018

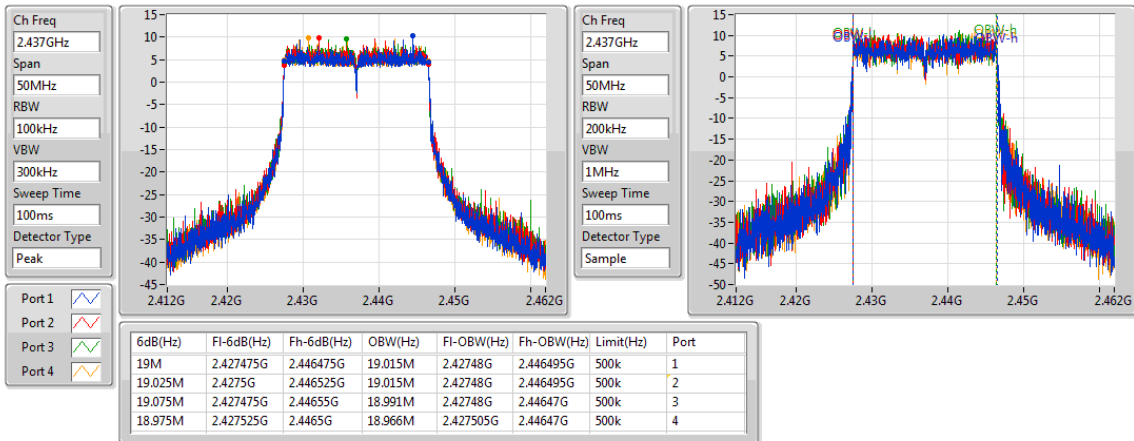


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
2412MHz

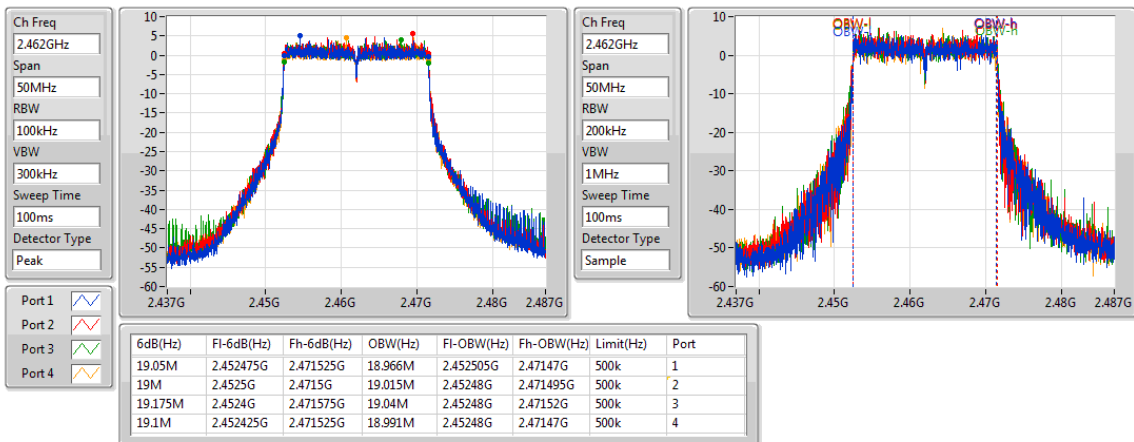
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802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
2437MHz

01/06/2018

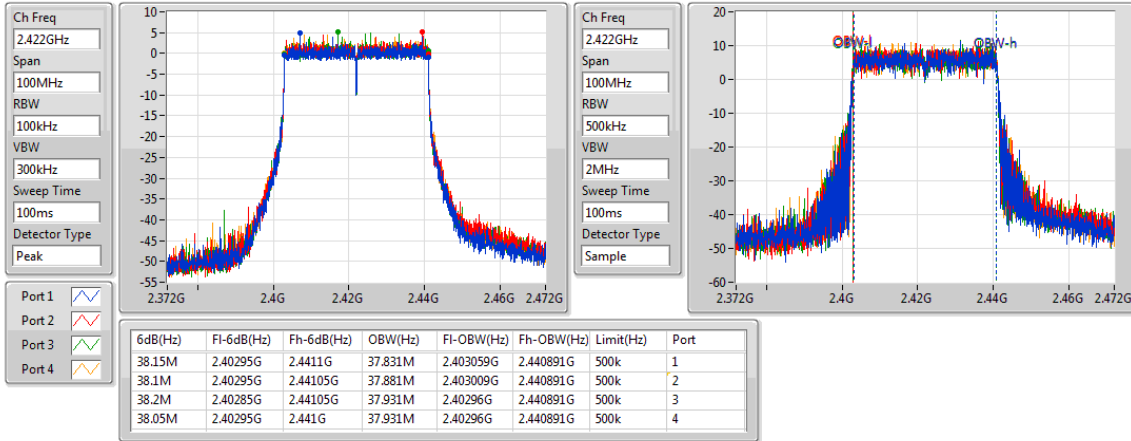

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
2462MHz

01/06/2018

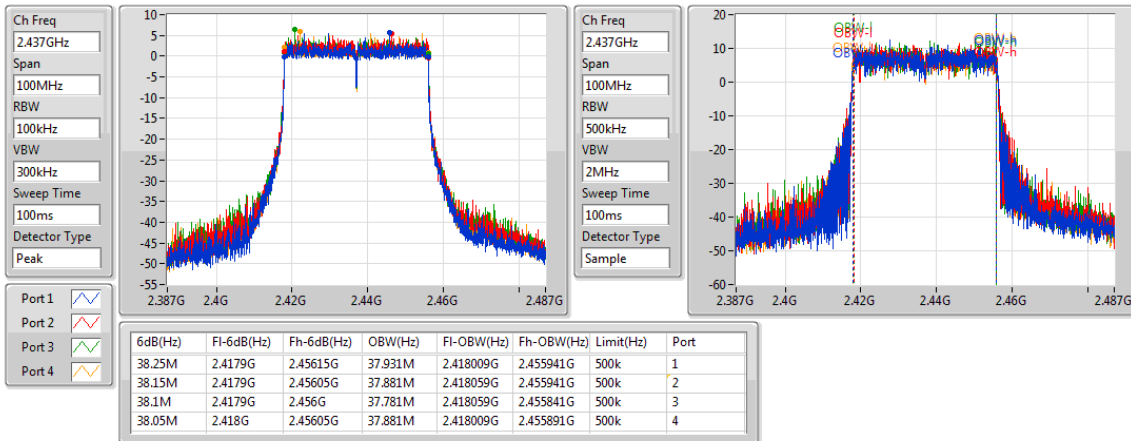


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
2422MHz

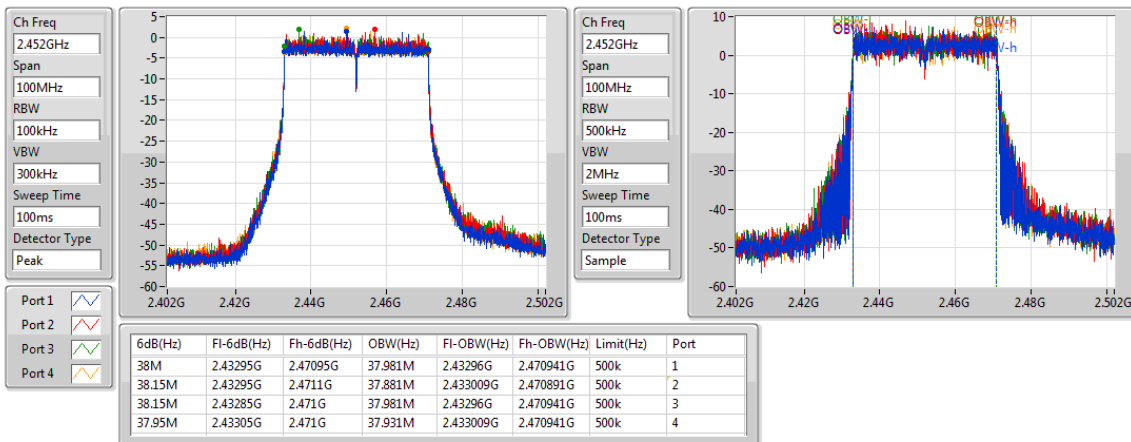
01/06/2018


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
2437MHz

01/06/2018


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
2452MHz

01/06/2018



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.96	0.99083
802.11g_Nss1,(6Mbps)_4TX	20.47	0.11143
802.11ac_VHT20_Nss1,(MCS0)_4TX	26.15	0.41210
802.11ac_VHT40_Nss1,(MCS0)_4TX	26.78	0.47643
802.11ax_HEW20_Nss1,(MCS0)_4TX	29.18	0.82794
802.11ax_HEW40_Nss1,(MCS0)_4TX	27.19	0.52360

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.90	23.53	23.82	23.95	24.17	29.89	30.00
2437MHz_TnomVnom	Pass	1.90	23.58	24.12	24.05	23.99	29.96	30.00
2442MHz_TnomVnom	Pass	1.90	23.43	24.18	24.06	23.94	29.93	30.00
2447MHz_TnomVnom	Pass	1.90	22.48	23.21	23.16	22.97	28.98	30.00
2452MHz_TnomVnom	Pass	1.90	22.50	23.12	23.02	22.96	28.93	30.00
2457MHz_TnomVnom	Pass	1.90	19.40	20.07	20.04	19.97	25.90	30.00
2462MHz_TnomVnom	Pass	1.90	19.56	20.08	19.66	19.41	25.71	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.90	8.91	8.89	9.00	8.99	14.97	30.00
2417MHz_TnomVnom	Pass	1.90	9.34	9.53	9.41	9.33	15.42	30.00
2422MHz_TnomVnom	Pass	1.90	10.90	10.74	11.19	11.10	17.01	30.00
2427MHz_TnomVnom	Pass	1.90	11.85	11.77	11.84	12.12	17.92	30.00
2432MHz_TnomVnom	Pass	1.90	12.79	13.21	13.03	12.79	18.98	30.00
2437MHz_TnomVnom	Pass	1.90	14.05	14.79	14.55	14.37	20.47	30.00
2447MHz_TnomVnom	Pass	1.90	14.23	14.81	14.47	14.18	20.45	30.00
2452MHz_TnomVnom	Pass	1.90	12.22	12.42	12.27	12.03	18.26	30.00
2457MHz_TnomVnom	Pass	1.90	9.83	10.01	10.15	9.52	15.90	30.00
2462MHz_TnomVnom	Pass	1.90	7.26	7.36	7.46	6.87	13.26	30.00
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.90	12.91	13.24	13.42	13.42	19.27	30.00
2417MHz_TnomVnom	Pass	1.90	17.36	17.82	17.85	17.88	23.75	30.00
2422MHz_TnomVnom	Pass	1.90	19.30	19.77	19.93	19.75	25.71	30.00
2437MHz_TnomVnom	Pass	1.90	19.93	20.04	20.41	20.11	26.15	30.00
2442MHz_TnomVnom	Pass	1.90	19.33	19.95	19.80	19.58	25.69	30.00
2447MHz_TnomVnom	Pass	1.90	18.26	18.88	18.95	18.67	24.72	30.00
2452MHz_TnomVnom	Pass	1.90	17.41	17.98	17.96	17.59	23.76	30.00
2457MHz_TnomVnom	Pass	1.90	15.94	16.52	16.39	16.12	22.27	30.00
2462MHz_TnomVnom	Pass	1.90	14.94	15.61	15.25	14.68	21.15	30.00
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	1.90	18.88	19.31	19.34	19.32	25.24	30.00
2427MHz_TnomVnom	Pass	1.90	18.66	19.36	18.24	19.29	24.93	30.00
2432MHz_TnomVnom	Pass	1.90	20.34	21.02	21.00	20.64	26.78	30.00
2437MHz_TnomVnom	Pass	1.90	20.24	20.90	21.03	20.59	26.72	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
2442MHz_TnomVnom	Pass	1.90	18.64	19.50	19.48	19.14	25.22	30.00
2447MHz_TnomVnom	Pass	1.90	17.23	17.99	18.01	17.70	23.76	30.00
2452MHz_TnomVnom	Pass	1.90	15.33	16.09	15.67	15.65	21.71	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.90	18.84	19.21	19.25	19.42	25.21	30.00
2417MHz_TnomVnom	Pass	1.90	20.85	21.24	21.14	21.31	27.16	30.00
2422MHz_TnomVnom	Pass	1.90	22.41	22.77	22.70	22.60	28.64	30.00
2437MHz_TnomVnom	Pass	1.90	22.85	23.40	23.37	23.00	29.18	30.00
2447MHz_TnomVnom	Pass	1.90	22.79	23.29	23.22	22.83	29.06	30.00
2452MHz_TnomVnom	Pass	1.90	21.30	21.83	21.77	21.42	27.61	30.00
2457MHz_TnomVnom	Pass	1.90	17.84	18.31	18.25	18.12	24.15	30.00
2462MHz_TnomVnom	Pass	1.90	17.34	17.75	17.58	17.12	23.47	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	1.90	19.29	20.20	20.14	20.36	26.04	30.00
2427MHz_TnomVnom	Pass	1.90	19.64	20.23	20.25	20.30	26.13	30.00
2432MHz_TnomVnom	Pass	1.90	20.84	21.49	21.34	20.99	27.19	30.00
2437MHz_TnomVnom	Pass	1.90	20.79	21.39	21.31	21.10	27.17	30.00
2442MHz_TnomVnom	Pass	1.90	20.00	20.81	20.84	20.49	26.57	30.00
2447MHz_TnomVnom	Pass	1.90	17.75	18.40	18.29	18.04	24.15	30.00
2452MHz_TnomVnom	Pass	1.90	16.81	17.22	17.29	16.97	23.10	30.00

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

Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	2.34
802.11g_Nss1,(6Mbps)_4TX	-9.88
802.11ac_VHT20_Nss1,(MCS0)_4TX	-2.69
802.11ac_VHT40_Nss1,(MCS0)_4TX	-4.45
802.11ax_HEW20_Nss1,(MCS0)_4TX	-0.11
802.11ax_HEW40_Nss1,(MCS0)_4TX	-4.98

RBW=3kHz.

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.92	-2.14	-1.37	-1.21	-2.25	2.34	6.08
2437MHz_TnomVnom	Pass	7.92	-2.07	-2.73	-1.16	-2.52	2.21	6.08
2462MHz_TnomVnom	Pass	7.92	-5.91	-6.07	-6.33	-5.08	-2.37	6.08
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.92	-18.58	-18.83	-18.19	-19.01	-15.01	6.08
2437MHz_TnomVnom	Pass	7.92	-13.69	-12.70	-11.10	-13.53	-9.88	6.08
2462MHz_TnomVnom	Pass	7.92	-20.78	-18.27	-20.26	-21.16	-15.52	6.08
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.92	-13.40	-12.73	-12.50	-12.55	-9.19	6.08
2437MHz_TnomVnom	Pass	7.92	-6.38	-5.13	-5.95	-6.63	-2.69	6.08
2462MHz_TnomVnom	Pass	7.92	-11.67	-10.27	-10.80	-10.03	-7.97	6.08
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.92	-9.80	-9.04	-9.70	-8.58	-5.23	6.08
2437MHz_TnomVnom	Pass	7.92	-8.35	-7.92	-8.44	-7.61	-4.45	6.08
2452MHz_TnomVnom	Pass	7.92	-13.45	-13.82	-12.47	-13.22	-9.72	6.08
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.92	-8.17	-8.09	-8.30	-7.97	-5.17	6.08
2437MHz_TnomVnom	Pass	7.92	-4.19	-3.78	-3.40	-3.71	-0.11	6.08
2462MHz_TnomVnom	Pass	7.92	-9.95	-9.34	-9.85	-9.26	-5.93	6.08
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.92	-9.43	-8.44	-9.67	-9.25	-5.75	6.08
2437MHz_TnomVnom	Pass	7.92	-8.55	-7.87	-7.76	-7.74	-4.98	6.08
2452MHz_TnomVnom	Pass	7.92	-11.54	-11.95	-12.73	-12.48	-9.63	6.08

DG = Directional Gain; RBW=3kHz;

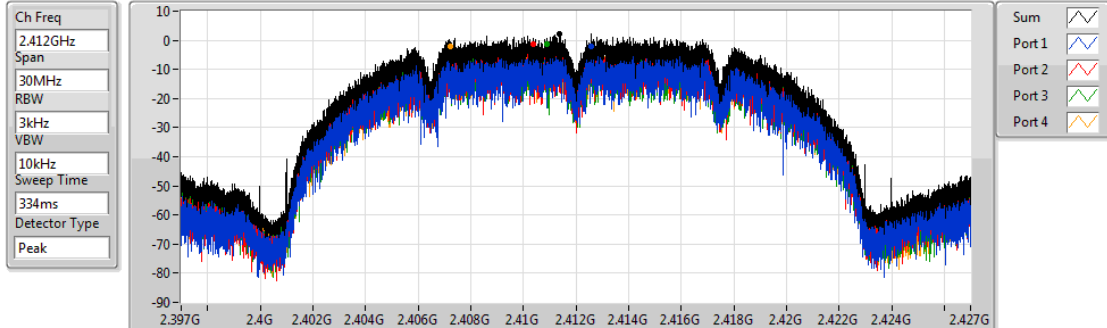
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

21/05/2018

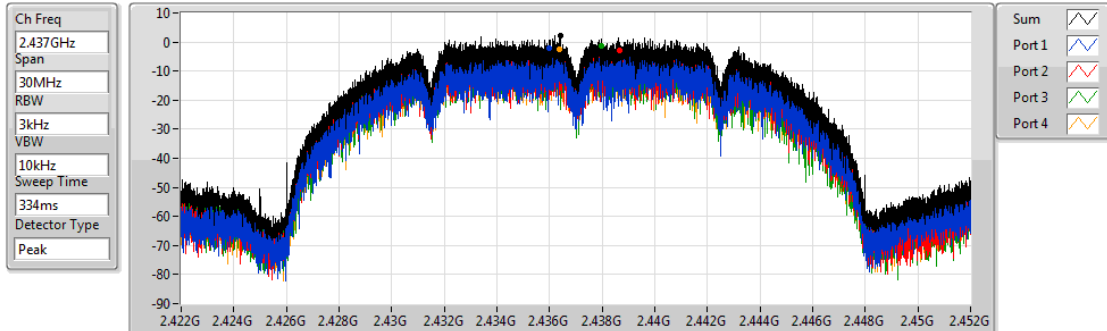


802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

21/05/2018

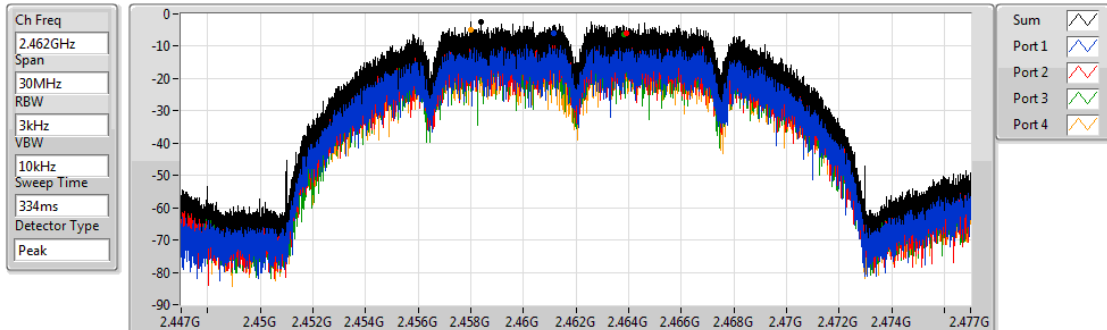


802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

21/05/2018

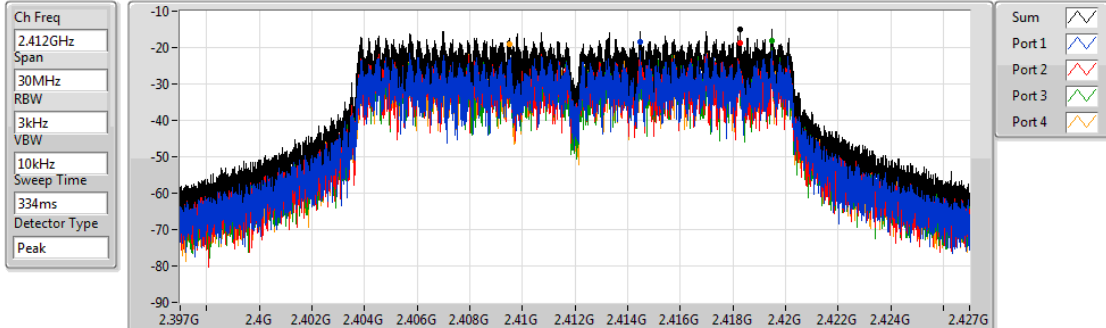


802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

04/06/2018



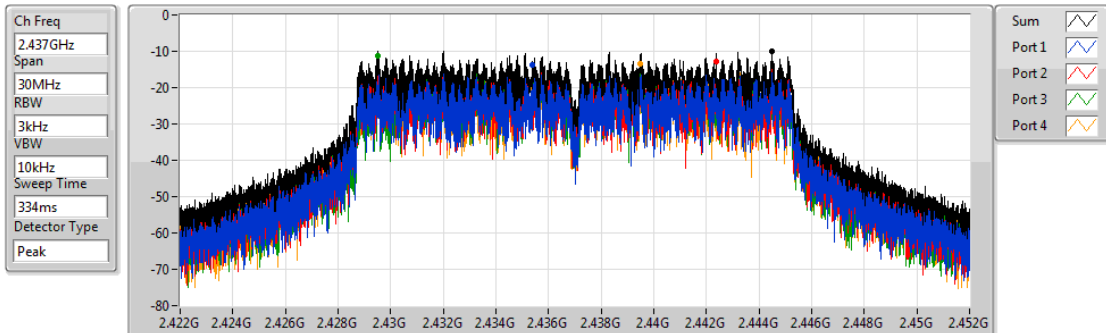
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.01	-15.01	-18.58	-18.83	-18.19	-19.01

802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

04/06/2018



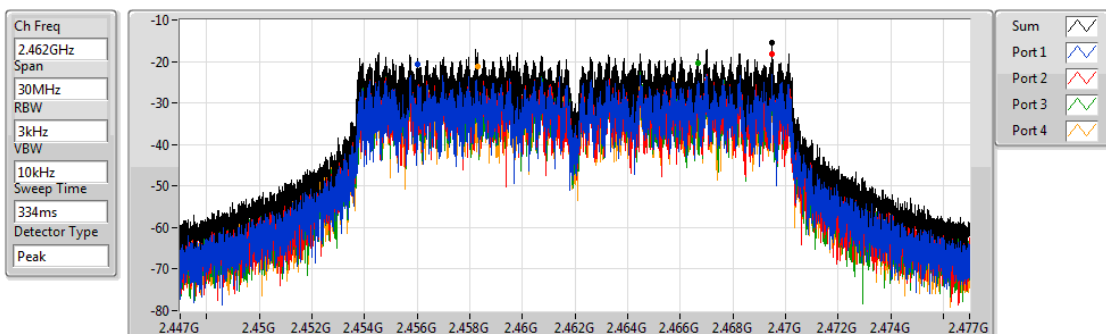
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.88	-9.88	-13.69	-12.70	-11.10	-13.53

802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

04/06/2018



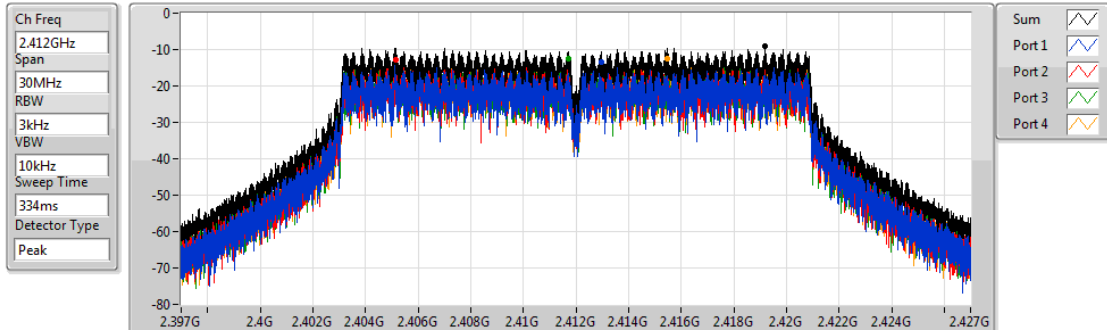
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-15.52	-15.52	-20.78	-18.27	-20.26	-21.16

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

2412MHz

12/06/2018



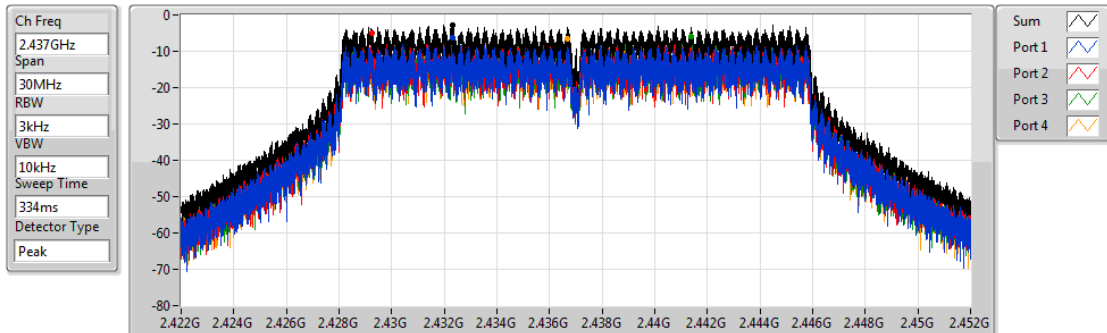
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.19	-9.19	-13.40	-12.73	-12.50	-12.55

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

12/06/2018



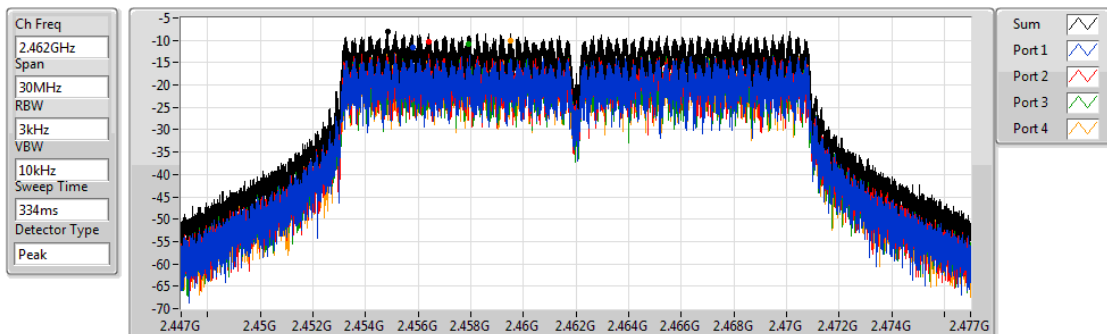
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.69	-2.69	-6.38	-5.13	-5.95	-6.63

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

2462MHz

12/06/2018



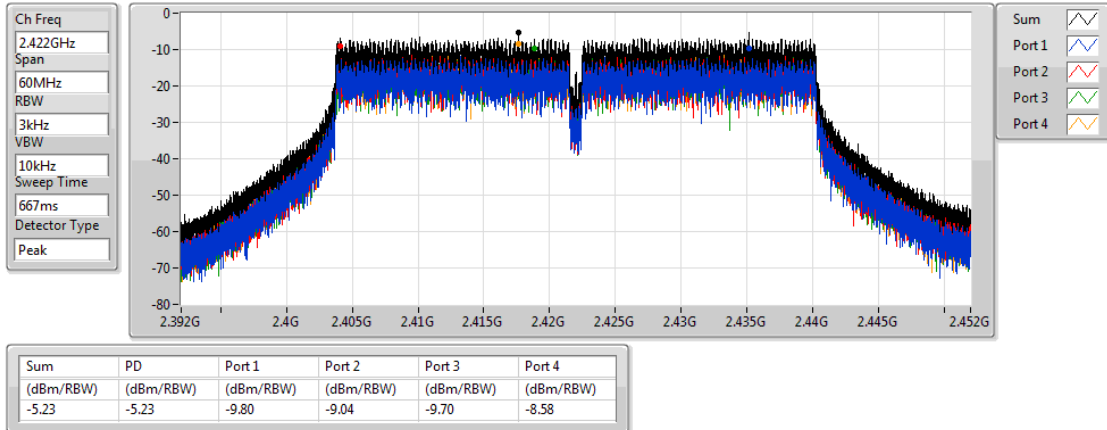
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.97	-7.97	-11.67	-10.27	-10.80	-10.03

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

2422MHz

12/06/2018

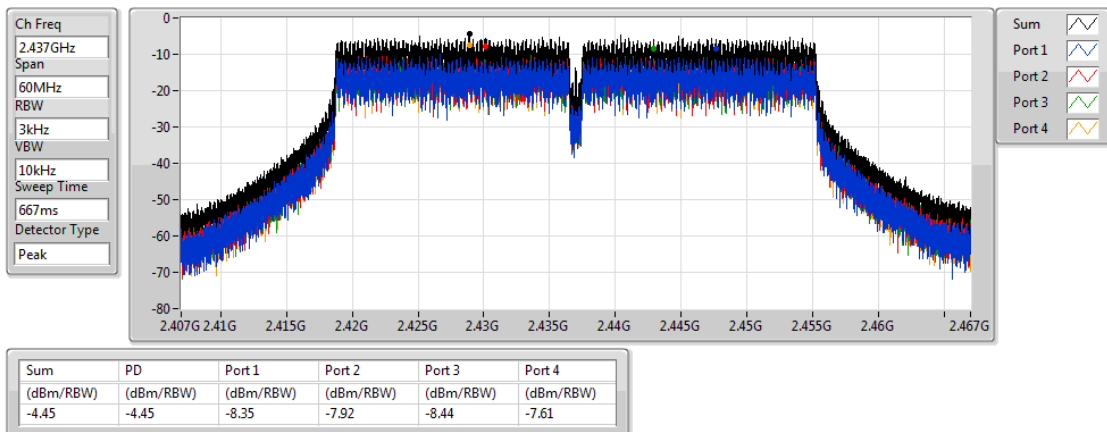


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

2437MHz

12/06/2018

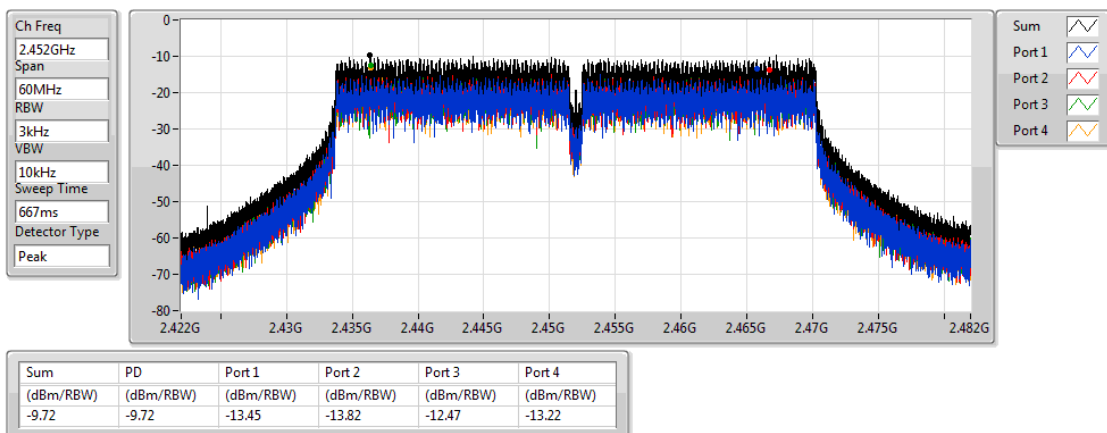


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

2452MHz

12/06/2018

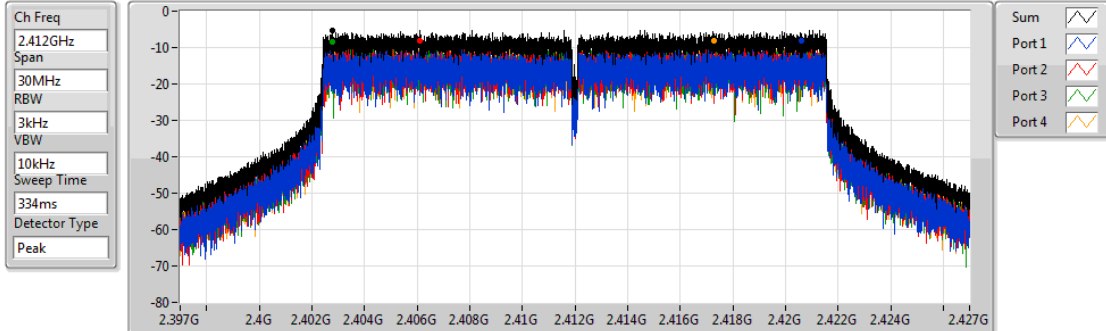


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2412MHz

01/06/2018



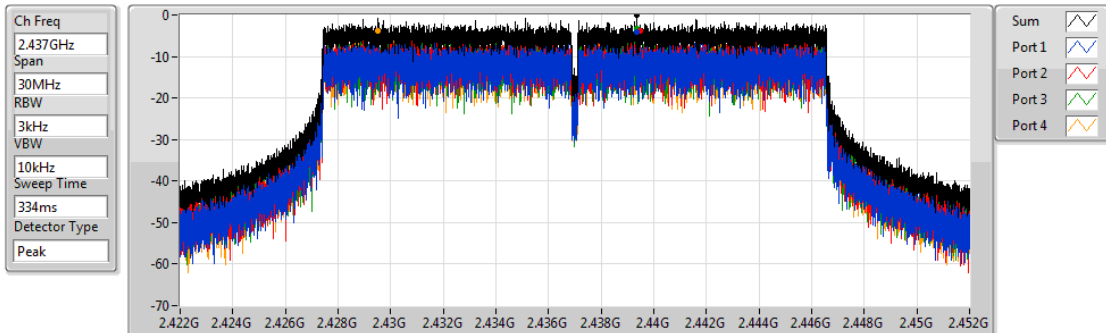
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.17	-5.17	-8.17	-8.09	-8.30	-7.97

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2437MHz

01/06/2018



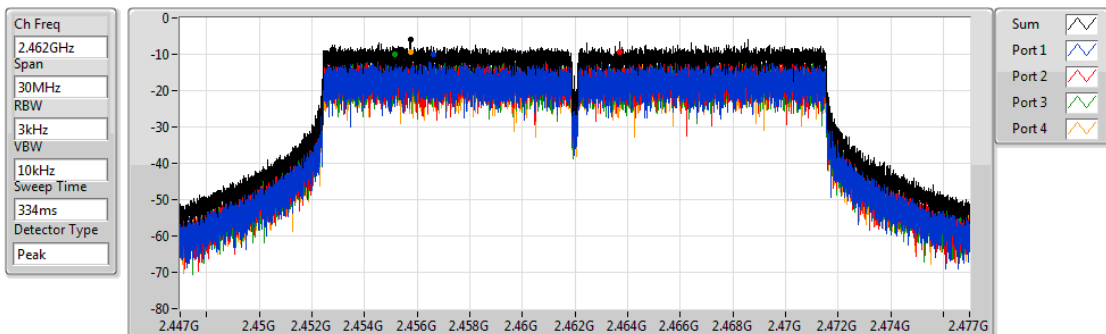
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.11	-0.11	-4.19	-3.78	-3.40	-3.71

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

2462MHz

01/06/2018



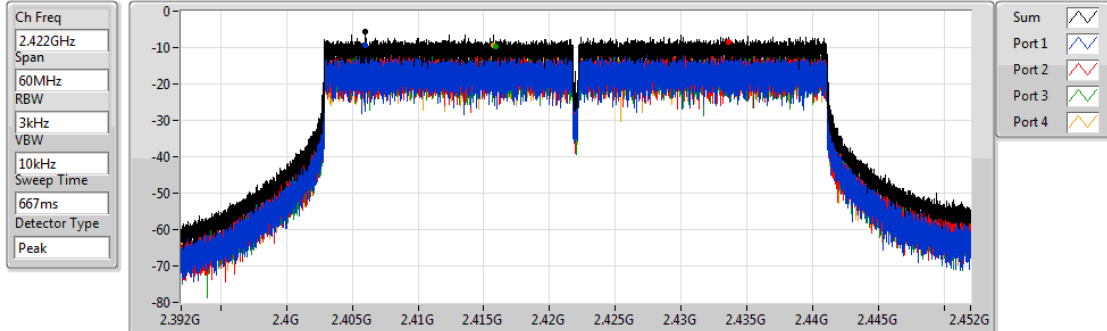
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.93	-5.93	-9.95	-9.34	-9.85	-9.26

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz

PSD

01/06/2018



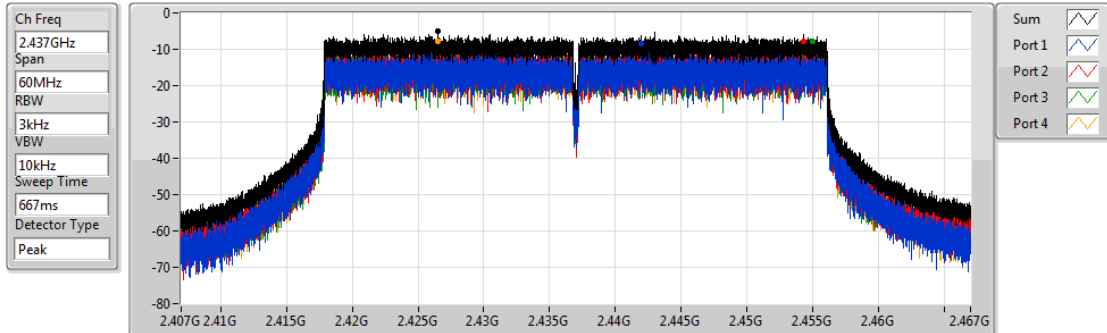
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.75	-5.75	-9.43	-8.44	-9.67	-9.25

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz

PSD

01/06/2018



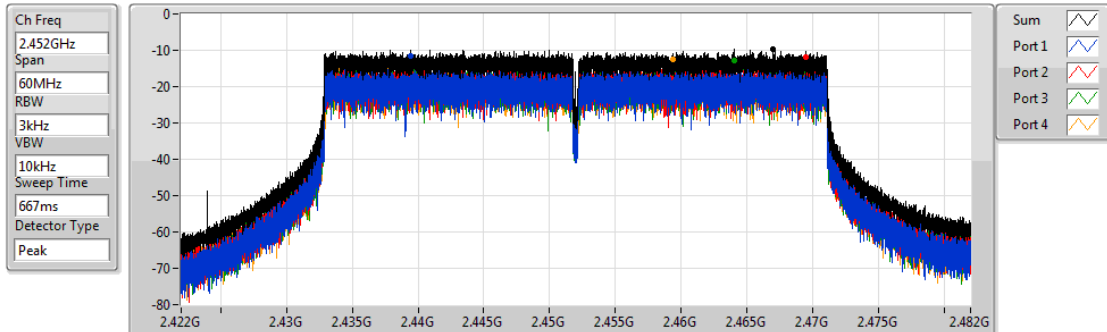
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.98	-4.98	-8.55	-7.87	-7.76	-7.74

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz

PSD

01/06/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.63	-9.63	-11.54	-11.95	-12.73	-12.48

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.433901G	12.79	-17.21	2.30874G	-55.45	2.39704G	-32.63	2.49446G	-55.66	15.189008G	-53.00	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.430728G	4.25	-25.75	2.076905G	-56.02	2.39744G	-34.81	2.48598G	-53.08	6.971037G	-52.11	1
802.11ac_VHT20_Nss1,(MCS0)_4TX	Pass	2.430728G	9.10	-20.90	2.121175G	-54.27	2.39992G	-31.02	2.52006G	-52.58	6.987895G	-52.47	2
802.11ac_VHT40_Nss1,(MCS0)_4TX	Pass	2.431897G	6.36	-23.64	2.082985G	-45.25	2.39984G	-27.31	2.51998G	-49.73	6.975077G	-53.03	2
802.11ax_HEW20_Nss1,(MCS0)_4TX	Pass	2.438243G	10.21	-19.79	49.805M	-45.68	2.39984G	-24.24	2.51998G	-51.62	2.534738G	-50.15	1
802.11ax_HEW40_Nss1,(MCS0)_4TX	Pass	2.434402G	6.39	-23.61	2.078405G	-41.60	2.39968G	-26.02	2.48414G	-48.92	2.569109G	-51.86	4

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.160785G	-54.97	2.39704G	-38.84	2.49598G	-54.40	15.189008G	-53.87	1
2412MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.17127G	-55.59	2.39704G	-37.35	2.51998G	-53.70	7.237946G	-50.25	2
2412MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.191075G	-55.36	2.39704G	-34.01	2.48462G	-53.57	7.232327G	-52.25	3
2412MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.30874G	-55.45	2.39704G	-32.63	2.49446G	-55.66	15.189008G	-53.00	4
2437MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.191075G	-55.90	2.39904G	-53.43	2.49598G	-53.33	16.947794G	-53.43	1
2437MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.30641G	-53.98	2.39912G	-50.21	2.52006G	-51.16	6.344505G	-52.35	2
2437MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.30874G	-56.12	2.39904G	-51.64	2.48742G	-52.38	6.847417G	-52.72	3
2437MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.17826G	-55.84	2.39936G	-51.47	2.48598G	-52.16	16.248213G	-52.89	4
2462MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.14331G	-58.29	2.39272G	-55.22	2.48798G	-50.61	6.844607G	-53.24	1
2462MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.186415G	-57.07	2.39704G	-55.55	2.4879G	-46.78	15.17496G	-53.04	2
2462MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.18991G	-57.13	2.3924G	-54.83	2.48798G	-47.47	15.158103G	-53.23	3
2462MHz_TnomVnom	Pass	2.433901G	12.79	-17.21	2.18991G	-56.30	2.39536G	-56.86	2.48798G	-48.81	16.245403G	-51.73	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.076905G	-56.02	2.39744G	-34.81	2.48598G	-53.08	6.971037G	-52.11	1
2412MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.132825G	-58.46	2.39968G	-35.63	2.49334G	-54.34	16.270689G	-52.53	2
2412MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.111855G	-56.84	2.39992G	-36.69	2.48606G	-55.09	15.183389G	-52.20	3
2412MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.07108G	-59.79	2.39952G	-37.76	2.49206G	-57.35	15.155293G	-52.17	4
2437MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.076905G	-49.64	2.39784G	-41.16	2.48494G	-44.09	2.557215G	-49.56	1
2437MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.139815G	-54.11	2.39616G	-39.47	2.49374G	-44.88	6.434411G	-52.11	2
2437MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.076905G	-49.15	2.3964G	-43.91	2.48582G	-47.25	2.554405G	-50.82	3
2437MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.144475G	-56.95	2.39696G	-56.06	2.48918G	-56.41	16.245403G	-51.65	4
2462MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.1037G	-54.03	2.39632G	-51.14	2.48502G	-43.76	17.523754G	-52.40	1
2462MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.19224G	-57.15	2.39192G	-51.86	2.48582G	-45.77	17.515326G	-51.66	2
2462MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.158455G	-54.30	2.39696G	-52.26	2.48494G	-48.23	6.322029G	-52.03	3
2462MHz_TnomVnom	Pass	2.430728G	4.25	-25.75	2.30874G	-58.10	2.39168G	-58.27	2.49294G	-57.14	15.135626G	-52.56	4
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.104865G	-55.70	2.39976G	-32.11	2.4903G	-51.33	6.968228G	-52.99	1
2412MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.121175G	-54.27	2.39992G	-31.02	2.52006G	-52.58	6.987895G	-52.47	2
2412MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.055935G	-57.56	2.39992G	-31.77	2.49606G	-56.02	6.999133G	-52.76	3
2412MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.18991G	-55.51	2.39992G	-31.33	2.49678G	-53.40	6.973847G	-53.01	4
2437MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.10137G	-44.90	2.39848G	-40.89	2.48734G	-43.17	2.579691G	-47.97	1
2437MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.158455G	-46.29	2.3992G	-36.29	2.5047G	-45.79	2.568453G	-51.18	2
2437MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.111855G	-50.01	2.3996G	-48.68	2.49686G	-48.76	2.59093G	-53.15	3
2437MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.16894G	-47.31	2.3944G	-49.73	2.5215G	-50.39	2.635883G	-51.02	4
2462MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.127G	-51.17	2.39336G	-45.67	2.50614G	-43.16	2.5235G	-51.21	1
2462MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.137485G	-52.96	2.39824G	-49.25	2.48982G	-43.24	6.976657G	-51.75	2

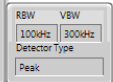
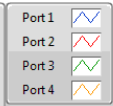
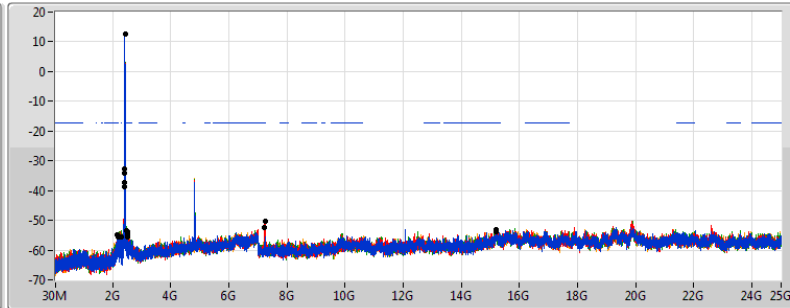
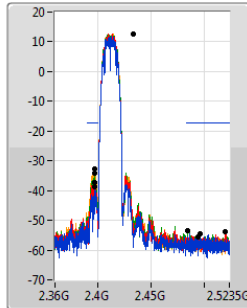
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2462MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.118845G	-55.49	2.3952G	-54.05	2.48454G	-40.19	6.973847G	-52.55	3
2462MHz_TnomVnom	Pass	2.430728G	9.10	-20.90	2.137485G	-52.72	2.39968G	-55.21	2.48358G	-51.24	6.973847G	-52.48	4
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.08642G	-44.04	2.39984G	-30.04	2.51998G	-51.97	6.980686G	-52.21	1
2422MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.082985G	-45.25	2.39984G	-27.31	2.51998G	-49.73	6.975077G	-53.03	2
2422MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.07268G	-45.77	2.39888G	-29.70	2.54302G	-46.71	2.580327G	-52.06	3
2422MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.073825G	-42.53	2.39888G	-29.96	2.52174G	-48.91	2.639223G	-51.51	4
2437MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.08871G	-39.56	2.39872G	-41.45	2.48526G	-44.09	2.628005G	-48.07	1
2437MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.09558G	-41.47	2.39984G	-41.55	2.4851G	-43.17	2.633614G	-50.99	2
2437MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.092145G	-46.25	2.39744G	-37.20	2.48398G	-43.31	2.591546G	-53.02	3
2437MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.08642G	-41.63	2.39456G	-41.74	2.48382G	-43.03	2.616787G	-51.49	4
2452MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.089855G	-48.10	2.39232G	-55.36	2.48526G	-46.93	6.966663G	-51.78	1
2452MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.10245G	-45.76	2.39824G	-53.71	2.48686G	-45.12	6.229063G	-52.84	2
2452MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.10016G	-49.82	2.39584G	-54.75	2.48638G	-44.09	6.966663G	-53.00	3
2452MHz_TnomVnom	Pass	2.431897G	6.36	-23.64	2.101305G	-43.58	2.3952G	-51.97	2.48382G	-46.31	6.95264G	-52.45	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-45.68	2.39984G	-24.24	2.51998G	-51.62	2.534738G	-50.15	1
2412MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.62	2.39992G	-25.44	2.52006G	-48.93	2.565643G	-53.66	2
2412MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-45.07	2.39984G	-24.96	2.48438G	-49.60	2.593739G	-54.13	3
2412MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-45.14	2.39944G	-25.88	2.51438G	-52.78	7.240755G	-53.93	4
2437MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.04	2.3988G	-44.61	2.48414G	-45.81	2.579691G	-48.68	1
2437MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.94	2.39904G	-44.46	2.51998G	-48.37	2.554405G	-51.66	2
2437MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.22	2.3988G	-42.21	2.49166G	-42.89	2.633073G	-51.68	3
2437MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.33	2.39952G	-46.62	2.49974G	-49.32	2.627454G	-50.80	4
2462MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-46.00	2.396G	-52.37	2.48438G	-42.06	2.65274G	-52.28	1
2462MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-44.33	2.39896G	-53.75	2.48358G	-43.41	2.59093G	-53.75	2
2462MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-43.72	2.39632G	-48.07	2.48622G	-41.03	2.543167G	-53.07	3
2462MHz_TnomVnom	Pass	2.438243G	10.21	-19.79	49.805M	-42.03	2.39496G	-52.23	2.48414G	-45.86	2.548786G	-54.54	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.069245G	-39.89	2.39984G	-29.84	2.54062G	-48.29	2.5635G	-49.88	1
2422MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.087565G	-42.69	2.39888G	-28.12	2.51998G	-46.78	2.613982G	-50.90	2
2422MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.071535G	-41.55	2.39984G	-26.36	2.54126G	-42.86	2.613982G	-51.99	3
2422MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.078405G	-41.60	2.39968G	-26.02	2.48414G	-48.92	2.569109G	-51.86	4
2437MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.07955G	-36.60	2.39872G	-41.02	2.48414G	-45.03	2.580327G	-48.49	1
2437MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.091G	-38.81	2.3952G	-40.08	2.48494G	-44.03	2.639223G	-51.41	2
2437MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.09787G	-42.17	2.39552G	-36.93	2.55726G	-42.35	2.566305G	-52.08	3
2437MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.092145G	-40.75	2.39872G	-37.82	2.48494G	-44.99	2.613982G	-52.06	4
2452MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.11619G	-41.72	2.39824G	-52.95	2.48654G	-44.81	2.59435G	-50.95	1
2452MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	49.465M	-44.21	2.39664G	-53.16	2.48814G	-44.24	2.580327G	-55.42	2
2452MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	49.465M	-43.63	2.39088G	-52.50	2.48478G	-43.47	2.628005G	-52.23	3
2452MHz_TnomVnom	Pass	2.434402G	6.39	-23.61	2.10703G	-42.49	2.39344G	-51.65	2.48382G	-44.25	2.644832G	-53.79	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2412MHz

21/05/2018



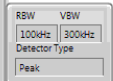
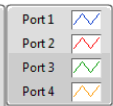
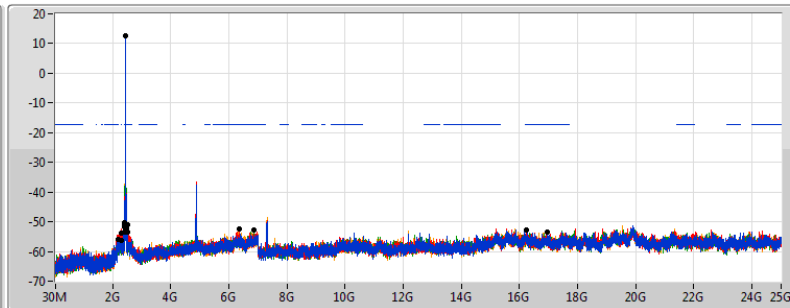
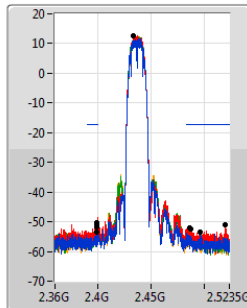
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433901G	12.79	-17.21	2.160785G	-54.97	2.39704G	-38.84	2.49598G	-54.40	15.189008G	-53.87	1
2.433901G	12.79	-17.21	2.17127G	-55.59	2.39704G	-37.35	2.51998G	-53.70	7.237946G	-50.25	2
2.433901G	12.79	-17.21	2.191075G	-55.36	2.39704G	-34.01	2.48462G	-53.57	7.232327G	-52.25	3
2.433901G	12.79	-17.21	2.30874G	-55.45	2.39704G	-32.63	2.49446G	-55.66	15.189008G	-53.00	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2437MHz

21/05/2018



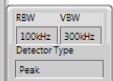
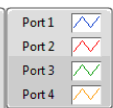
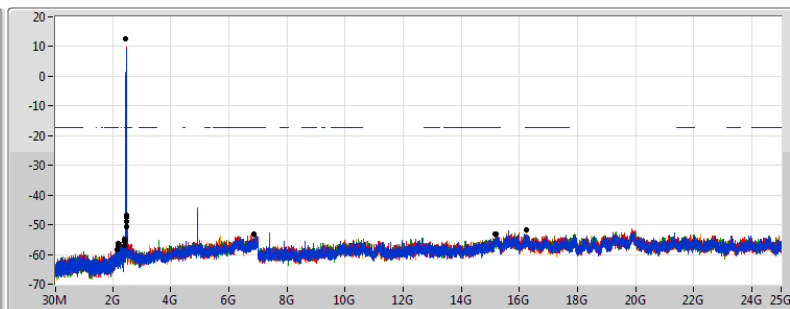
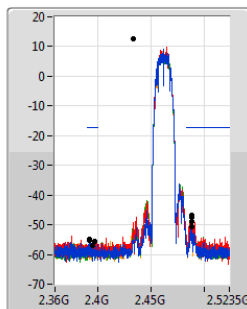
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433901G	12.79	-17.21	2.191075G	-55.90	2.39904G	-53.43	2.49598G	-53.33	16.947794G	-53.43	1
2.433901G	12.79	-17.21	2.30641G	-53.98	2.39912G	-50.21	2.52006G	-51.16	6.344505G	-52.35	2
2.433901G	12.79	-17.21	2.30874G	-56.12	2.39904G	-51.64	2.48742G	-52.38	6.847417G	-52.72	3
2.433901G	12.79	-17.21	2.17826G	-55.84	2.39936G	-51.47	2.48598G	-52.16	16.248213G	-52.89	4

802.11b_Nss1,(1Mbps)_4TX

CSE NdB

2462MHz

21/05/2018



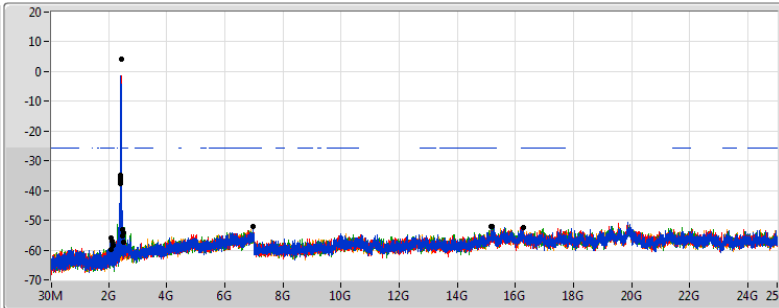
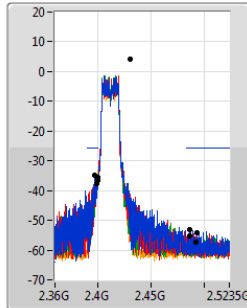
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.433901G	12.79	-17.21	2.14331G	-58.29	2.39272G	-55.22	2.48798G	-50.61	6.844607G	-53.24	1
2.433901G	12.79	-17.21	2.186415G	-57.07	2.39704G	-55.55	2.4879G	-46.78	15.17496G	-53.04	2
2.433901G	12.79	-17.21	2.18991G	-57.13	2.3924G	-54.83	2.48798G	-47.47	15.158103G	-53.23	3
2.433901G	12.79	-17.21	2.18991G	-56.30	2.39536G	-56.86	2.48798G	-48.81	16.245403G	-51.73	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2412MHz

04/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

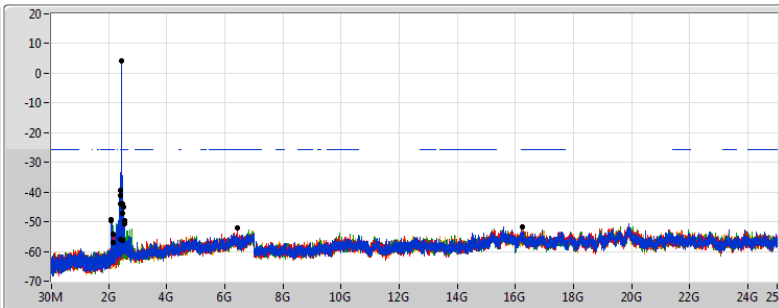
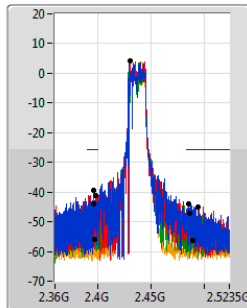
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	4.25	-25.75	2.076905G	-56.02	2.39744G	-34.81	2.48598G	-53.08	6.971037G	-52.11	1
2.430728G	4.25	-25.75	2.132825G	-58.46	2.39668G	-35.63	2.49334G	-54.34	16.270689G	-52.53	2
2.430728G	4.25	-25.75	2.111855G	-56.84	2.39992G	-36.69	2.48606G	-55.09	15.183389G	-52.20	3
2.430728G	4.25	-25.75	2.07108G	-59.79	2.39952G	-37.76	2.49206G	-57.35	15.155293G	-52.17	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2437MHz

04/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

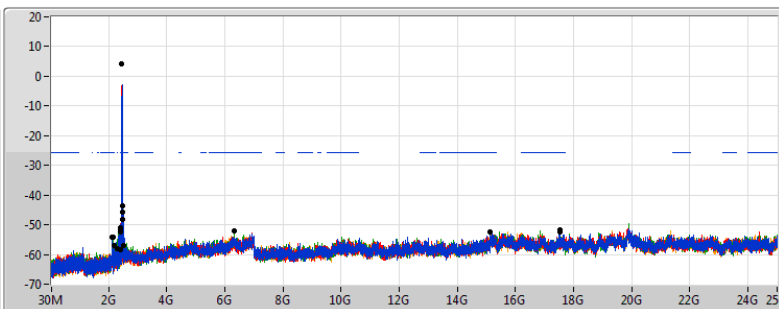
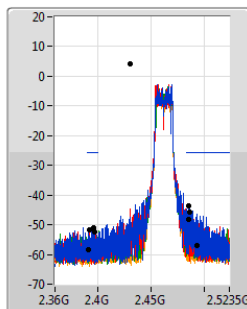
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	4.25	-25.75	2.076905G	-49.64	2.39784G	-41.16	2.48494G	-44.09	2.557215G	-49.56	1
2.430728G	4.25	-25.75	2.139815G	-54.11	2.39616G	-39.47	2.49374G	-44.88	6.434411G	-52.11	2
2.430728G	4.25	-25.75	2.076905G	-49.15	2.3964G	-43.91	2.48582G	-47.25	2.554405G	-50.82	3
2.430728G	4.25	-25.75	2.144475G	-56.95	2.39696G	-56.06	2.48918G	-56.41	16.245403G	-51.65	4

802.11g_Nss1,(6Mbps)_4TX

CSE NdB

2462MHz

04/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VSW
100kHz 300kHz
Detector Type
Peak

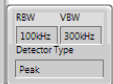
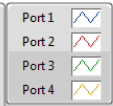
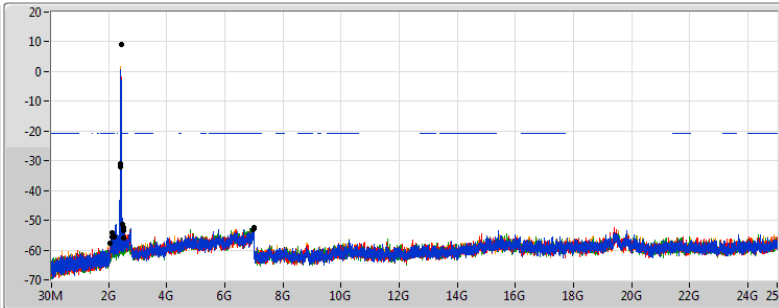
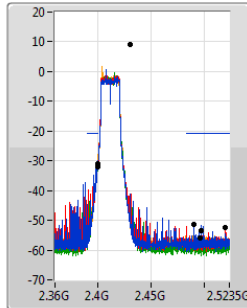
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	4.25	-25.75	2.1037G	-54.03	2.39632G	-51.14	2.48502G	-43.76	17.523754G	-52.40	1
2.430728G	4.25	-25.75	2.19224G	-57.15	2.39192G	-51.86	2.48582G	-45.77	17.515326G	-51.66	2
2.430728G	4.25	-25.75	2.158455G	-54.30	2.39696G	-52.26	2.48494G	-48.23	6.322029G	-52.03	3
2.430728G	4.25	-25.75	2.30874G	-58.10	2.39168G	-58.27	2.49294G	-57.14	15.135626G	-52.56	4

802.11ac VHT20_Nss1,(MCS0)_4TX

CSE NdB

2412MHz

12/06/2018



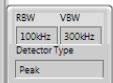
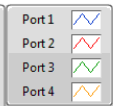
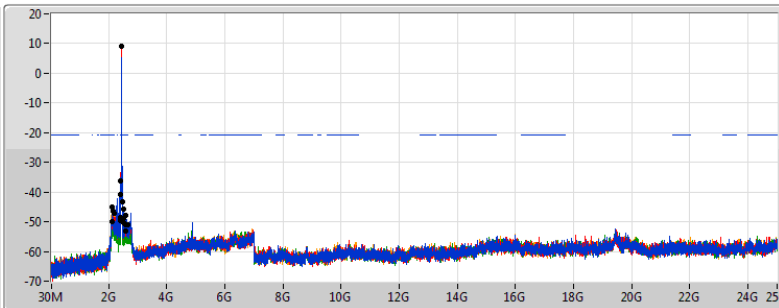
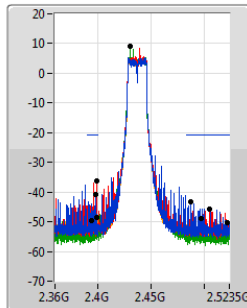
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	9.10	-20.90	2.104865G	-55.70	2.39976G	-32.11	2.4903G	-51.33	6.968228G	-52.99	1
2.430728G	9.10	-20.90	2.121175G	-54.27	2.39992G	-31.02	2.52006G	-52.58	6.987895G	-52.47	2
2.430728G	9.10	-20.90	2.055935G	-57.56	2.39992G	-31.77	2.49606G	-56.02	6.999133G	-52.76	3
2.430728G	9.10	-20.90	2.18991G	-55.51	2.39992G	-31.33	2.49678G	-53.40	6.973847G	-53.01	4

802.11ac VHT20_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

12/06/2018



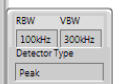
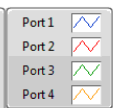
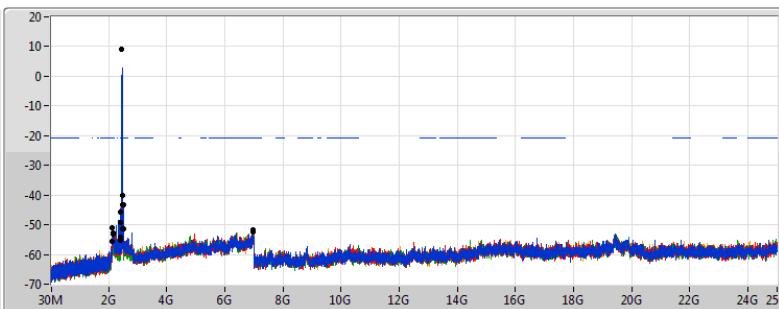
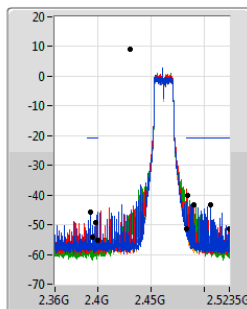
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	9.10	-20.90	2.10137G	-44.90	2.39848G	-40.89	2.48734G	-43.17	2.579691G	-47.97	1
2.430728G	9.10	-20.90	2.158455G	-46.29	2.3992G	-36.29	2.5047G	-45.79	2.568453G	-51.18	2
2.430728G	9.10	-20.90	2.111855G	-50.01	2.3996G	-48.68	2.49686G	-48.76	2.59093G	-53.15	3
2.430728G	9.10	-20.90	2.16894G	-47.31	2.3944G	-49.73	2.5215G	-50.39	2.635883G	-51.02	4

802.11ac VHT20_Nss1,(MCS0)_4TX

CSE NdB

2462MHz

12/06/2018



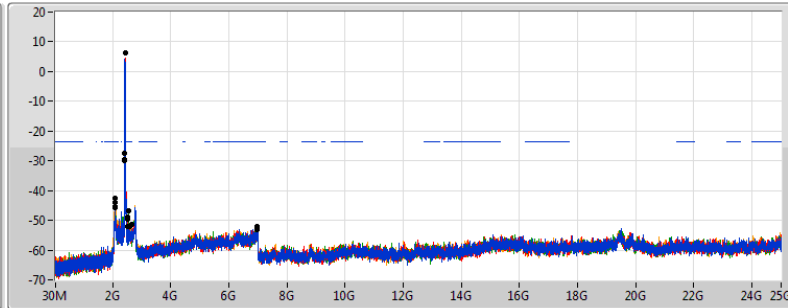
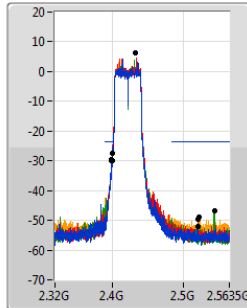
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.430728G	9.10	-20.90	2.127G	-51.17	2.39336G	-45.67	2.50614G	-43.16	2.5235G	-51.21	1
2.430728G	9.10	-20.90	2.137485G	-52.96	2.39824G	-49.25	2.48982G	-43.24	6.976657G	-51.75	2
2.430728G	9.10	-20.90	2.118845G	-55.49	2.3952G	-54.05	2.48454G	-40.19	6.973847G	-52.55	3
2.430728G	9.10	-20.90	2.137485G	-52.72	2.39968G	-55.21	2.48358G	-51.24	6.973847G	-52.48	4

802.11ac VHT40_Nss1,(MCS0)_4TX

CSE NdB

2422MHz

12/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

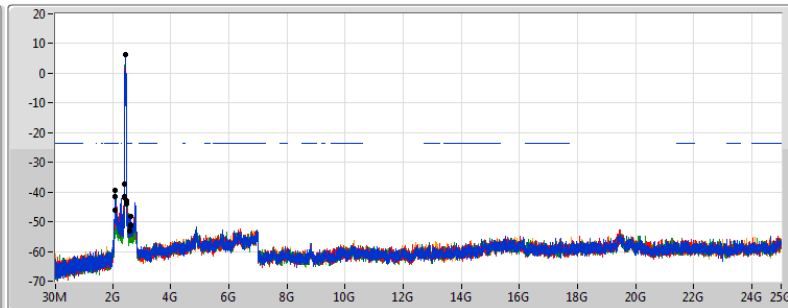
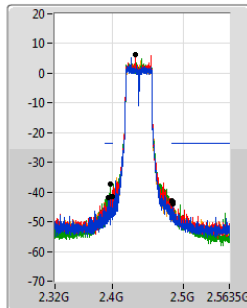
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	6.36	-23.64	2.08642G	-44.04	2.39984G	-30.04	2.51998G	-51.97	6.980686G	-52.21	1
2.431897G	6.36	-23.64	2.082985G	-45.25	2.39984G	-27.31	2.51998G	-49.73	6.975077G	-53.03	2
2.431897G	6.36	-23.64	2.07268G	-45.77	2.39888G	-29.70	2.54302G	-46.71	2.580327G	-52.06	3
2.431897G	6.36	-23.64	2.073825G	-42.53	2.39888G	-29.96	2.52174G	-48.91	2.639223G	-51.51	4

802.11ac VHT40_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

12/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

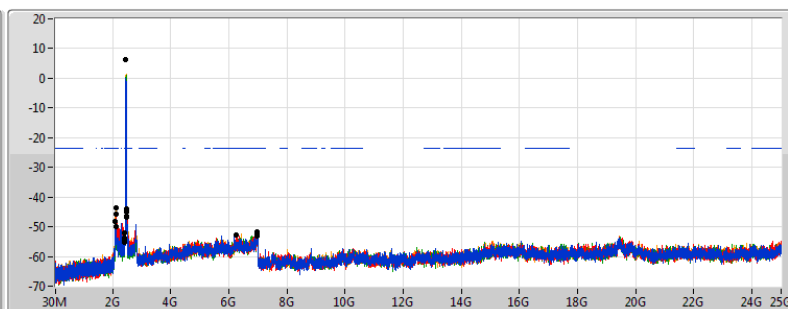
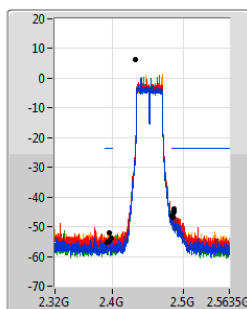
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	6.36	-23.64	2.08871G	-39.56	2.39872G	-41.45	2.48526G	-44.09	2.628005G	-48.07	1
2.431897G	6.36	-23.64	2.09558G	-41.47	2.39984G	-41.55	2.4851G	-43.17	2.633614G	-50.99	2
2.431897G	6.36	-23.64	2.092145G	-46.25	2.39744G	-37.20	2.48398G	-43.31	2.591546G	-53.02	3
2.431897G	6.36	-23.64	2.08642G	-41.63	2.39456G	-41.74	2.48382G	-43.03	2.616787G	-51.49	4

802.11ac VHT40_Nss1,(MCS0)_4TX

CSE NdB

2452MHz

12/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

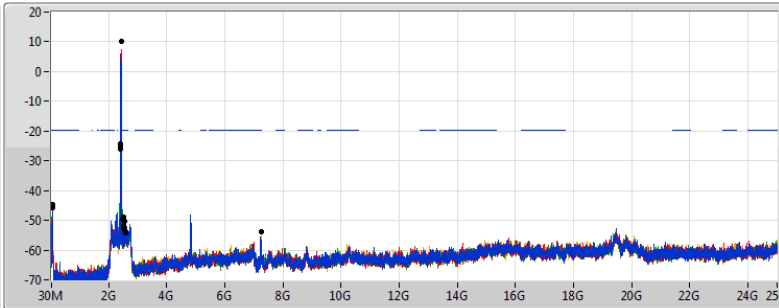
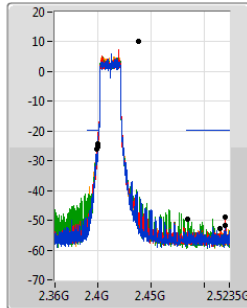
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.431897G	6.36	-23.64	2.089855G	-48.10	2.39232G	-55.36	2.48526G	-46.93	6.966663G	-51.78	1
2.431897G	6.36	-23.64	2.10245G	-45.76	2.39824G	-53.71	2.48686G	-45.12	6.229063G	-52.84	2
2.431897G	6.36	-23.64	2.10016G	-49.82	2.39584G	-54.75	2.48638G	-44.09	6.966663G	-53.00	3
2.431897G	6.36	-23.64	2.101305G	-43.58	2.3952G	-51.97	2.48382G	-46.31	6.95264G	-52.45	4

802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2412MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

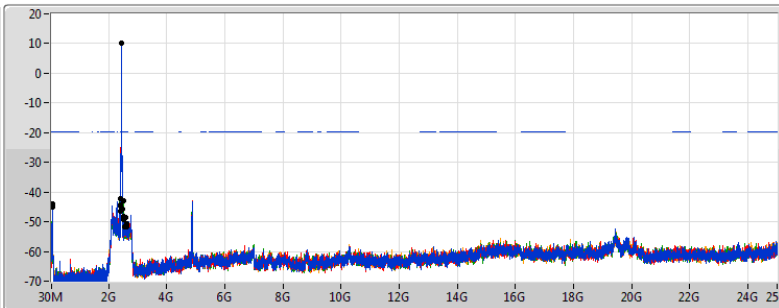
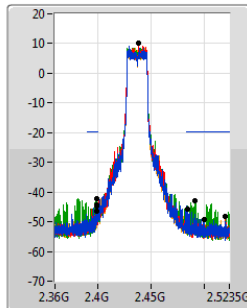
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.21	-19.79	49.805M	-45.68	2.39984G	-24.24	2.51998G	-51.62	2.534738G	-50.15	1
2.438243G	10.21	-19.79	49.805M	-44.62	2.39992G	-25.44	2.52006G	-48.93	2.565643G	-53.66	2
2.438243G	10.21	-19.79	49.805M	-45.07	2.39984G	-24.96	2.48438G	-49.60	2.593739G	-54.13	3
2.438243G	10.21	-19.79	49.805M	-45.14	2.39944G	-25.88	2.51438G	-52.78	2.740755G	-53.93	4

802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

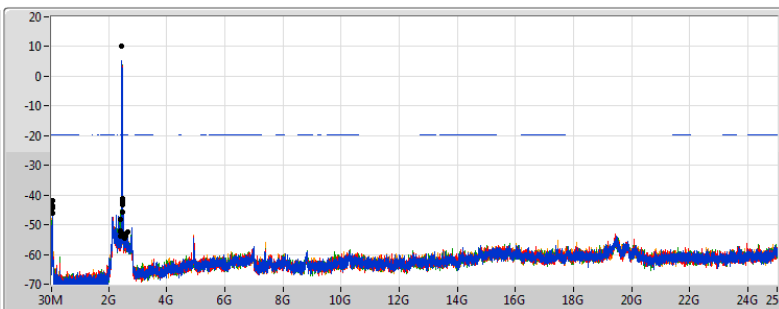
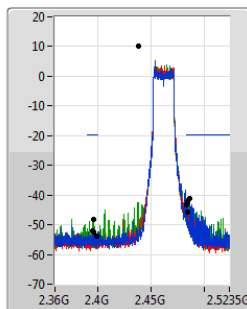
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.21	-19.79	49.805M	-44.04	2.3988G	-44.61	2.48414G	-45.81	2.579691G	-48.68	1
2.438243G	10.21	-19.79	49.805M	-44.94	2.39904G	-44.46	2.51998G	-48.37	2.554405G	-51.66	2
2.438243G	10.21	-19.79	49.805M	-44.22	2.3988G	-42.21	2.49166G	-42.89	2.633073G	-51.68	3
2.438243G	10.21	-19.79	49.805M	-44.33	2.39952G	-46.62	2.49974G	-49.32	2.627454G	-50.80	4

802.11ax HEW20_Nss1,(MCS0)_4TX

CSE NdB

2462MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

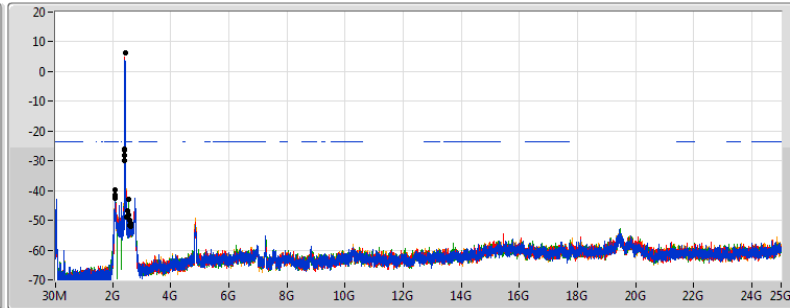
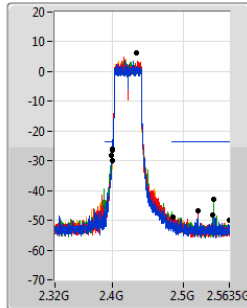
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.438243G	10.21	-19.79	49.805M	-46.00	2.396G	-52.37	2.48438G	-42.06	2.65274G	-52.28	1
2.438243G	10.21	-19.79	49.805M	-44.33	2.39896G	-53.75	2.48358G	-43.41	2.59093G	-53.75	2
2.438243G	10.21	-19.79	49.805M	-43.72	2.39632G	-48.07	2.48622G	-41.03	2.543167G	-53.07	3
2.438243G	10.21	-19.79	49.805M	-42.03	2.39496G	-52.23	2.48414G	-45.86	2.548786G	-54.54	4

802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

2422MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

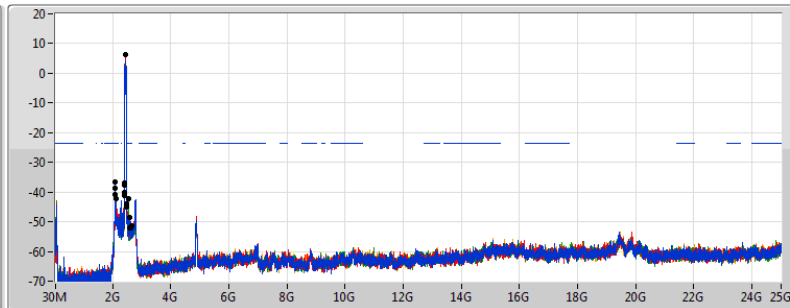
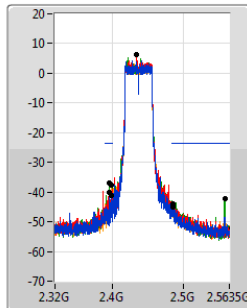
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.39	-23.61	2.069245G	-39.89	2.39984G	-29.84	2.54062G	-48.29	2.5635G	-49.88	1
2.434402G	6.39	-23.61	2.087565G	-42.69	2.39888G	-28.12	2.51998G	-46.78	2.613982G	-50.90	2
2.434402G	6.39	-23.61	2.071535G	-41.55	2.39984G	-26.36	2.54126G	-42.86	2.613982G	-51.99	3
2.434402G	6.39	-23.61	2.078405G	-41.60	2.39968G	-26.02	2.48414G	-48.92	2.569109G	-51.86	4

802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

2437MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

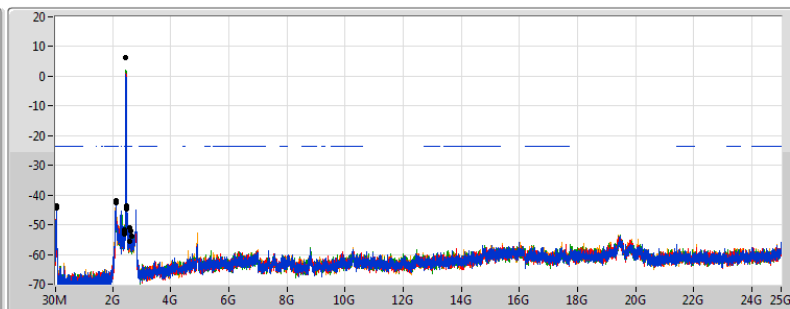
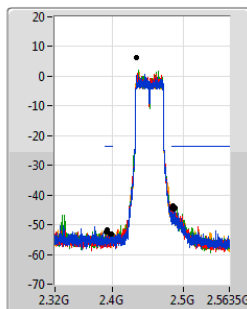
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.39	-23.61	2.07955G	-36.60	2.39872G	-41.02	2.48414G	-45.03	2.580327G	-48.49	1
2.434402G	6.39	-23.61	2.091G	-38.81	2.3952G	-40.08	2.48494G	-44.03	2.639223G	-51.41	2
2.434402G	6.39	-23.61	2.09787G	-42.17	2.39552G	-36.93	2.55726G	-42.35	2.566305G	-52.08	3
2.434402G	6.39	-23.61	2.092145G	-40.75	2.39872G	-37.82	2.48494G	-44.99	2.613982G	-52.06	4

802.11ax HEW40_Nss1,(MCS0)_4TX

CSE NdB

2452MHz

01/06/2018



Port 1
Port 2
Port 3
Port 4

RBW VBW
100kHz 300kHz
Detector Type
Peak

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.434402G	6.39	-23.61	2.11619G	-41.72	2.39824G	-52.95	2.48654G	-44.81	2.59435G	-50.95	1
2.434402G	6.39	-23.61	49.465M	-44.21	2.39664G	-53.16	2.48814G	-44.24	2.580327G	-55.42	2
2.434402G	6.39	-23.61	49.465M	-43.63	2.39088G	-52.50	2.48478G	-43.47	2.628005G	-52.23	3
2.434402G	6.39	-23.61	2.10703G	-42.49	2.39344G	-51.65	2.48382G	-44.25	2.644832G	-53.79	4



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	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	33.88M	32.84	40.00	-7.16	-15.32	3	Vertical	360	1.00	-

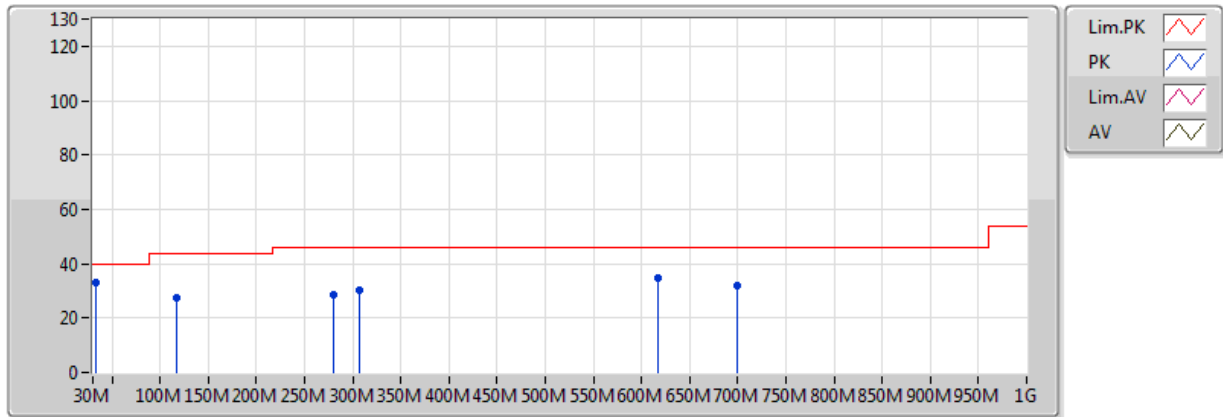
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	33.88M	32.84	40.00	-7.16	-15.32	3	Vertical	360	1.00	-
2437MHz	Pass	PK	117.3M	27.22	43.50	-16.28	-19.47	3	Vertical	360	1.00	-
2437MHz	Pass	PK	280.26M	28.34	46.00	-17.66	-17.09	3	Vertical	360	1.00	-
2437MHz	Pass	PK	307.42M	30.17	46.00	-15.83	-16.55	3	Vertical	360	1.00	-
2437MHz	Pass	PK	617.82M	34.89	46.00	-11.11	-10.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	699.3M	32.10	46.00	-13.90	-9.74	3	Vertical	360	1.00	-
2437MHz	Pass	PK	148.34M	24.02	43.50	-19.48	-19.44	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	233.7M	30.89	46.00	-15.11	-19.36	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	276.38M	32.02	46.00	-13.98	-16.83	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	311.3M	31.41	46.00	-14.59	-16.51	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	644.98M	36.39	46.00	-9.61	-9.92	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	699.3M	38.08	46.00	-7.92	-9.74	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_Adapter

12/06/2018

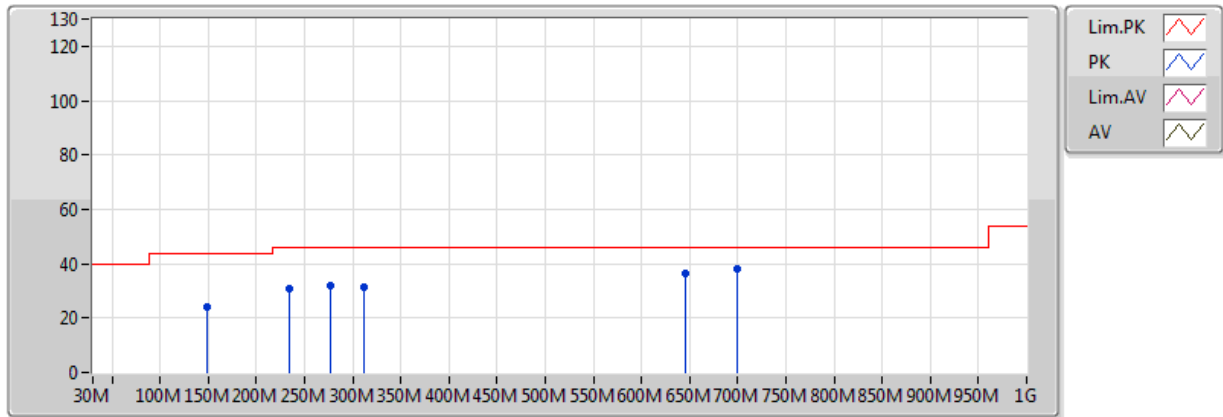


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	33.88M	32.84	40.00	-7.16	-15.32	3	Vertical	360	1.00	-
PK	117.3M	27.22	43.50	-16.28	-19.47	3	Vertical	360	1.00	-
PK	280.26M	28.34	46.00	-17.66	-17.09	3	Vertical	360	1.00	-
PK	307.42M	30.17	46.00	-15.83	-16.55	3	Vertical	360	1.00	-
PK	617.82M	34.89	46.00	-11.11	-10.37	3	Vertical	360	1.00	-
PK	699.3M	32.10	46.00	-13.90	-9.74	3	Vertical	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_Adapter

12/06/2018



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
PK	148.34M	24.02	43.50	-19.48	-19.44	3	Horizontal	0	1.00	-
PK	233.7M	30.89	46.00	-15.11	-19.36	3	Horizontal	0	1.00	-
PK	276.38M	32.02	46.00	-13.98	-16.83	3	Horizontal	0	1.00	-
PK	311.3M	31.41	46.00	-14.59	-16.51	3	Horizontal	0	1.00	-
PK	644.98M	36.39	46.00	-9.61	-9.92	3	Horizontal	0	1.00	-
PK	699.3M	38.08	46.00	-7.92	-9.74	3	Horizontal	0	1.00	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.3894G	53.92	54.00	-0.08	30.37	3	Horizontal	304	1.84	-
802.11g_Nss1,(6Mbps)_4TX	Pass	PK	2.4842G	73.88	74.00	-0.12	31.12	3	Horizontal	258	2.08	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	2.4918G	73.74	74.00	-0.26	31.14	3	Horizontal	296	1.84	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	2.4836G	73.90	74.00	-0.10	31.11	3	Horizontal	301	1.65	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	2.4842G	53.93	54.00	-0.07	31.12	3	Vertical	96	1.98	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.484G	53.80	54.00	-0.20	31.12	3	Vertical	118	1.77	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3894G	53.92	54.00	-0.08	30.37	3	Horizontal	304	1.84	-
2412MHz	Pass	AV	2.4138G	116.66	Inf	-Inf	30.46	3	Horizontal	304	1.84	-
2412MHz	Pass	PK	2.3866G	63.41	74.00	-10.59	30.37	3	Horizontal	304	1.84	-
2412MHz	Pass	PK	2.413G	120.14	Inf	-Inf	30.45	3	Horizontal	304	1.84	-
2412MHz	Pass	AV	2.3896G	53.45	54.00	-0.55	30.38	3	Vertical	38	1.75	-
2412MHz	Pass	AV	2.4138G	116.53	Inf	-Inf	30.46	3	Vertical	38	1.75	-
2412MHz	Pass	PK	2.3896G	62.42	74.00	-11.58	30.38	3	Vertical	38	1.75	-
2412MHz	Pass	PK	2.413G	120.02	Inf	-Inf	30.45	3	Vertical	38	1.75	-
2412MHz	Pass	AV	4.82396G	45.58	54.00	-8.42	5.83	3	Horizontal	69	1.80	-
2412MHz	Pass	PK	4.82396G	50.39	74.00	-23.61	5.83	3	Horizontal	69	1.80	-
2412MHz	Pass	AV	4.82392G	38.98	54.00	-15.02	5.83	3	Vertical	172	1.74	-
2412MHz	Pass	PK	4.824G	47.42	74.00	-26.58	5.83	3	Vertical	172	1.74	-
2437MHz	Pass	AV	2.3758G	49.46	54.00	-4.54	30.33	3	Horizontal	284	2.02	-
2437MHz	Pass	AV	2.4354G	116.80	Inf	-Inf	30.53	3	Horizontal	284	2.02	-
2437MHz	Pass	AV	2.485G	53.31	54.00	-0.69	30.69	3	Horizontal	284	2.02	-
2437MHz	Pass	PK	2.3778G	61.27	74.00	-12.73	30.34	3	Horizontal	284	2.02	-
2437MHz	Pass	PK	2.4378G	120.35	Inf	-Inf	30.54	3	Horizontal	284	2.02	-
2437MHz	Pass	PK	2.497G	63.14	74.00	-10.86	30.74	3	Horizontal	284	2.02	-
2437MHz	Pass	AV	2.3762G	48.06	54.00	-5.94	30.33	3	Vertical	36	1.73	-
2437MHz	Pass	AV	2.4362G	116.73	Inf	-Inf	30.53	3	Vertical	36	1.73	-
2437MHz	Pass	AV	2.4854G	51.31	54.00	-2.69	30.70	3	Vertical	36	1.73	-
2437MHz	Pass	PK	2.3882G	58.49	74.00	-15.51	30.37	3	Vertical	36	1.73	-
2437MHz	Pass	PK	2.4378G	120.25	Inf	-Inf	30.54	3	Vertical	36	1.73	-
2437MHz	Pass	PK	2.485G	60.58	74.00	-13.42	30.69	3	Vertical	36	1.73	-
2437MHz	Pass	AV	4.8739G	44.98	54.00	-9.02	5.94	3	Horizontal	306	1.32	-
2437MHz	Pass	AV	7.31742G	39.50	54.00	-14.50	11.14	3	Horizontal	0	1.50	-
2437MHz	Pass	PK	4.87392G	50.15	74.00	-23.85	5.94	3	Horizontal	306	1.32	-
2437MHz	Pass	PK	7.31742G	52.02	74.00	-21.98	11.14	3	Horizontal	0	1.50	-
2437MHz	Pass	AV	4.87396G	40.17	54.00	-13.83	5.94	3	Vertical	220	1.35	-
2437MHz	Pass	AV	7.31466G	39.15	54.00	-14.85	11.13	3	Vertical	360	1.50	-
2437MHz	Pass	PK	4.87404G	47.67	74.00	-26.33	5.94	3	Vertical	220	1.35	-
2437MHz	Pass	PK	7.31742G	53.05	74.00	-20.95	11.14	3	Vertical	360	1.50	-
2442MHz	Pass	AV	2.3756G	49.57	54.00	-4.43	30.33	3	Horizontal	281	2.04	-
2442MHz	Pass	AV	2.4404G	116.48	Inf	-Inf	30.55	3	Horizontal	281	2.04	-
2442MHz	Pass	AV	2.49G	52.74	54.00	-1.26	30.72	3	Horizontal	281	2.04	-
2442MHz	Pass	PK	2.3816G	62.18	74.00	-11.82	30.35	3	Horizontal	281	2.04	-
2442MHz	Pass	PK	2.4428G	120.10	Inf	-Inf	30.56	3	Horizontal	281	2.04	-
2442MHz	Pass	PK	2.4976G	62.19	74.00	-11.81	30.74	3	Horizontal	281	2.04	-
2442MHz	Pass	AV	2.389998G	48.07	54.00	-5.93	30.38	3	Vertical	38	1.75	-
2442MHz	Pass	AV	2.4404G	116.86	Inf	-Inf	30.55	3	Vertical	38	1.75	-
2442MHz	Pass	AV	2.49G	51.76	54.00	-2.24	30.72	3	Vertical	38	1.75	-
2442MHz	Pass	PK	2.3892G	58.79	74.00	-15.21	30.37	3	Vertical	38	1.75	-
2442MHz	Pass	PK	2.4412G	120.33	Inf	-Inf	30.55	3	Vertical	38	1.75	-
2442MHz	Pass	PK	2.4904G	60.35	74.00	-13.65	30.72	3	Vertical	38	1.75	-
2447MHz	Pass	AV	2.3878G	46.71	54.00	-7.29	30.37	3	Horizontal	300	2.05	-
2447MHz	Pass	AV	2.445G	115.45	Inf	-Inf	30.56	3	Horizontal	300	2.05	-
2447MHz	Pass	AV	2.4842G	52.71	54.00	-1.29	30.69	3	Horizontal	300	2.05	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.3866G	58.96	74.00	-15.04	30.37	3	Horizontal	300	2.05	-
2447MHz	Pass	PK	2.4462G	118.66	Inf	-Inf	30.57	3	Horizontal	300	2.05	-
2447MHz	Pass	PK	2.4838G	60.96	74.00	-13.04	30.69	3	Horizontal	300	2.05	-
2447MHz	Pass	AV	2.3854G	46.55	54.00	-7.45	30.36	3	Vertical	118	2.02	-
2447MHz	Pass	AV	2.4438G	114.84	Inf	-Inf	30.56	3	Vertical	118	2.02	-
2447MHz	Pass	AV	2.4838G	52.44	54.00	-1.56	30.69	3	Vertical	118	2.02	-
2447MHz	Pass	PK	2.3854G	57.45	74.00	-16.55	30.36	3	Vertical	118	2.02	-
2447MHz	Pass	PK	2.4462G	118.12	Inf	-Inf	30.57	3	Vertical	118	2.02	-
2447MHz	Pass	PK	2.487G	60.33	74.00	-13.67	30.71	3	Vertical	118	2.02	-
2452MHz	Pass	AV	2.4488G	114.80	Inf	-Inf	30.58	3	Horizontal	297	2.05	-
2452MHz	Pass	AV	2.489G	52.76	54.00	-1.24	30.71	3	Horizontal	297	2.05	-
2452MHz	Pass	PK	2.451G	118.23	Inf	-Inf	30.58	3	Horizontal	297	2.05	-
2452MHz	Pass	PK	2.489G	61.23	74.00	-12.77	30.71	3	Horizontal	297	2.05	-
2452MHz	Pass	AV	2.4538G	114.90	Inf	-Inf	30.59	3	Vertical	117	1.80	-
2452MHz	Pass	AV	2.489G	52.08	54.00	-1.92	30.71	3	Vertical	117	1.80	-
2452MHz	Pass	PK	2.453G	118.34	Inf	-Inf	30.59	3	Vertical	117	1.80	-
2452MHz	Pass	PK	2.4892G	61.01	74.00	-12.99	30.71	3	Vertical	117	1.80	-
2457MHz	Pass	AV	2.459G	112.63	Inf	-Inf	30.61	3	Horizontal	288	1.84	-
2457MHz	Pass	AV	2.483502G	53.20	54.00	-0.80	30.69	3	Horizontal	288	1.84	-
2457MHz	Pass	PK	2.458G	115.98	Inf	-Inf	30.61	3	Horizontal	288	1.84	-
2457MHz	Pass	PK	2.484G	60.82	74.00	-13.18	30.69	3	Horizontal	288	1.84	-
2457MHz	Pass	AV	2.4558G	112.25	Inf	-Inf	30.60	3	Vertical	120	1.81	-
2457MHz	Pass	AV	2.483502G	51.94	54.00	-2.06	30.69	3	Vertical	120	1.81	-
2457MHz	Pass	PK	2.458G	115.55	Inf	-Inf	30.61	3	Vertical	120	1.81	-
2457MHz	Pass	PK	2.486G	59.84	74.00	-14.16	30.71	3	Vertical	120	1.81	-
2462MHz	Pass	AV	2.4608G	112.26	Inf	-Inf	30.62	3	Horizontal	294	1.82	-
2462MHz	Pass	AV	2.4878G	53.02	54.00	-0.98	30.71	3	Horizontal	294	1.82	-
2462MHz	Pass	PK	2.461G	115.65	Inf	-Inf	30.62	3	Horizontal	294	1.82	-
2462MHz	Pass	PK	2.488G	61.03	74.00	-12.97	30.71	3	Horizontal	294	1.82	-
2462MHz	Pass	AV	2.4638G	111.75	Inf	-Inf	30.63	3	Vertical	39	1.66	-
2462MHz	Pass	AV	2.488G	53.73	54.00	-0.27	30.71	3	Vertical	39	1.66	-
2462MHz	Pass	PK	2.463G	115.32	Inf	-Inf	30.62	3	Vertical	39	1.66	-
2462MHz	Pass	PK	2.4876G	61.08	74.00	-12.92	30.71	3	Vertical	39	1.66	-
2462MHz	Pass	AV	4.92396G	42.89	54.00	-11.11	6.04	3	Horizontal	309	1.36	-
2462MHz	Pass	AV	7.38168G	39.69	54.00	-14.31	11.32	3	Horizontal	0	1.50	-
2462MHz	Pass	PK	4.92376G	49.28	74.00	-24.72	6.04	3	Horizontal	309	1.36	-
2462MHz	Pass	PK	7.37298G	52.09	74.00	-21.91	11.29	3	Horizontal	0	1.50	-
2462MHz	Pass	AV	4.92394G	37.44	54.00	-16.56	6.04	3	Vertical	246	1.17	-
2462MHz	Pass	AV	7.37886G	39.79	54.00	-14.21	11.31	3	Vertical	360	1.50	-
2462MHz	Pass	PK	4.92394G	47.06	74.00	-26.94	6.04	3	Vertical	246	1.17	-
2462MHz	Pass	PK	7.38294G	51.96	74.00	-22.04	11.32	3	Vertical	360	1.50	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3868G	46.58	54.00	-7.42	30.76	3	Vertical	62	2.03	-
2412MHz	Pass	AV	2.4088G	99.20	Inf	-Inf	30.84	3	Vertical	62	2.03	-
2412MHz	Pass	PK	2.3882G	72.92	74.00	-1.08	30.77	3	Vertical	62	2.03	-
2412MHz	Pass	PK	2.4088G	108.12	Inf	-Inf	30.84	3	Vertical	62	2.03	-
2412MHz	Pass	AV	2.3788G	46.69	54.00	-7.31	30.74	3	Horizontal	265	2.08	-
2412MHz	Pass	AV	2.418G	98.15	Inf	-Inf	30.87	3	Horizontal	265	2.08	-
2412MHz	Pass	PK	2.3852G	73.31	74.00	-0.69	30.76	3	Horizontal	265	2.08	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4178G	107.03	Inf	-Inf	30.87	3	Horizontal	265	2.08	-
2412MHz	Pass	AV	4.81638G	33.10	54.00	-20.90	2.07	3	Vertical	359	1.50	-
2412MHz	Pass	PK	4.83816G	43.34	74.00	-30.66	2.12	3	Vertical	359	1.50	-
2412MHz	Pass	AV	4.824G	33.85	54.00	-20.15	2.09	3	Horizontal	312	3.16	-
2412MHz	Pass	PK	4.81572G	42.65	74.00	-31.35	2.07	3	Horizontal	312	3.16	-
2417MHz	Pass	AV	2.3866G	46.32	54.00	-7.68	30.76	3	Vertical	13	1.38	-
2417MHz	Pass	AV	2.41G	98.56	Inf	-Inf	30.85	3	Vertical	13	1.38	-
2417MHz	Pass	PK	2.3896G	70.93	74.00	-3.07	30.77	3	Vertical	13	1.38	-
2417MHz	Pass	PK	2.4098G	106.83	Inf	-Inf	30.85	3	Vertical	13	1.38	-
2417MHz	Pass	AV	2.379G	46.45	54.00	-7.55	30.74	3	Horizontal	272	2.10	-
2417MHz	Pass	AV	2.423G	98.26	Inf	-Inf	30.89	3	Horizontal	272	2.10	-
2417MHz	Pass	PK	2.3874G	73.03	74.00	-0.97	30.76	3	Horizontal	272	2.10	-
2417MHz	Pass	PK	2.4218G	107.43	Inf	-Inf	30.89	3	Horizontal	272	2.10	-
2422MHz	Pass	AV	2.3792G	46.44	54.00	-7.56	30.74	3	Vertical	359	1.78	-
2422MHz	Pass	AV	2.4152G	99.62	Inf	-Inf	30.86	3	Vertical	359	1.78	-
2422MHz	Pass	PK	2.383G	71.14	74.00	-2.86	30.75	3	Vertical	359	1.78	-
2422MHz	Pass	PK	2.4166G	108.16	Inf	-Inf	30.87	3	Vertical	359	1.78	-
2422MHz	Pass	AV	2.3878G	47.49	54.00	-6.51	30.77	3	Horizontal	265	2.10	-
2422MHz	Pass	AV	2.4282G	99.91	Inf	-Inf	30.91	3	Horizontal	265	2.10	-
2422MHz	Pass	PK	2.3896G	73.38	74.00	-0.62	30.77	3	Horizontal	265	2.10	-
2422MHz	Pass	PK	2.4264G	108.66	Inf	-Inf	30.91	3	Horizontal	265	2.10	-
2427MHz	Pass	AV	2.3794G	46.62	54.00	-7.38	30.74	3	Vertical	75	2.20	-
2427MHz	Pass	AV	2.4302G	101.64	Inf	-Inf	30.92	3	Vertical	75	2.20	-
2427MHz	Pass	PK	2.3876G	71.51	74.00	-2.49	30.77	3	Vertical	75	2.20	-
2427MHz	Pass	PK	2.43G	110.50	Inf	-Inf	30.92	3	Vertical	75	2.20	-
2427MHz	Pass	AV	2.3824G	47.24	54.00	-6.76	30.75	3	Horizontal	266	2.11	-
2427MHz	Pass	AV	2.4328G	100.94	Inf	-Inf	30.93	3	Horizontal	266	2.11	-
2427MHz	Pass	PK	2.3814G	73.30	74.00	-0.70	30.75	3	Horizontal	266	2.11	-
2427MHz	Pass	PK	2.4318G	109.55	Inf	-Inf	30.92	3	Horizontal	266	2.11	-
2432MHz	Pass	AV	2.3848G	47.08	54.00	-6.92	30.76	3	Vertical	88	1.50	-
2432MHz	Pass	AV	2.4342G	102.37	Inf	-Inf	30.93	3	Vertical	88	1.50	-
2432MHz	Pass	PK	2.3852G	68.73	74.00	-5.27	30.76	3	Vertical	88	1.50	-
2432MHz	Pass	PK	2.4346G	110.67	Inf	-Inf	30.93	3	Vertical	88	1.50	-
2432MHz	Pass	AV	2.3836G	47.72	54.00	-6.28	30.75	3	Horizontal	266	1.88	-
2432MHz	Pass	AV	2.4378G	101.99	Inf	-Inf	30.95	3	Horizontal	266	1.88	-
2432MHz	Pass	PK	2.3886G	73.45	74.00	-0.55	30.77	3	Horizontal	266	1.88	-
2432MHz	Pass	PK	2.437G	110.47	Inf	-Inf	30.94	3	Horizontal	266	1.88	-
2437MHz	Pass	AV	2.3818G	46.72	54.00	-7.28	30.75	3	Vertical	85	2.25	-
2437MHz	Pass	AV	2.4406G	104.35	Inf	-Inf	30.96	3	Vertical	85	2.25	-
2437MHz	Pass	AV	2.4998G	47.43	54.00	-6.57	31.17	3	Vertical	85	2.25	-
2437MHz	Pass	PK	2.3858G	70.29	74.00	-3.71	30.76	3	Vertical	85	2.25	-
2437MHz	Pass	PK	2.4402G	113.88	Inf	-Inf	30.95	3	Vertical	85	2.25	-
2437MHz	Pass	PK	2.489G	71.82	74.00	-2.18	31.13	3	Vertical	85	2.25	-
2437MHz	Pass	AV	2.3822G	47.22	54.00	-6.78	30.75	3	Horizontal	271	1.85	-
2437MHz	Pass	AV	2.4426G	103.56	Inf	-Inf	30.96	3	Horizontal	271	1.85	-
2437MHz	Pass	AV	2.4922G	47.52	54.00	-6.48	31.14	3	Horizontal	271	1.85	-
2437MHz	Pass	PK	2.381G	73.04	74.00	-0.96	30.75	3	Horizontal	271	1.85	-
2437MHz	Pass	PK	2.4414G	112.63	Inf	-Inf	30.96	3	Horizontal	271	1.85	-
2437MHz	Pass	PK	2.489G	73.16	74.00	-0.84	31.13	3	Horizontal	271	1.85	-

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	4.87412G	31.78	54.00	-22.22	2.19	3	Vertical	253	1.47	-
2437MHz	Pass	PK	4.87994G	43.76	74.00	-30.24	2.21	3	Vertical	253	1.47	-
2437MHz	Pass	AV	4.87388G	34.30	54.00	-19.70	2.19	3	Horizontal	297	2.94	-
2437MHz	Pass	PK	4.87388G	43.76	74.00	-30.24	2.19	3	Horizontal	297	2.94	-
2447MHz	Pass	AV	2.4426G	104.59	Inf	-Inf	30.96	3	Vertical	55	2.27	-
2447MHz	Pass	AV	2.4836G	48.60	54.00	-5.40	31.11	3	Vertical	55	2.27	-
2447MHz	Pass	PK	2.452G	113.22	Inf	-Inf	31.00	3	Vertical	55	2.27	-
2447MHz	Pass	PK	2.4846G	73.45	74.00	-0.55	31.12	3	Vertical	55	2.27	-
2447MHz	Pass	AV	2.4488G	102.38	Inf	-Inf	30.99	3	Horizontal	287	1.69	-
2447MHz	Pass	AV	2.486G	48.29	54.00	-5.71	31.12	3	Horizontal	287	1.69	-
2447MHz	Pass	PK	2.4478G	110.97	Inf	-Inf	30.98	3	Horizontal	287	1.69	-
2447MHz	Pass	PK	2.4882G	71.51	74.00	-2.49	31.13	3	Horizontal	287	1.69	-
2452MHz	Pass	AV	2.455G	102.53	Inf	-Inf	31.01	3	Vertical	71	2.05	-
2452MHz	Pass	AV	2.4856G	47.84	54.00	-6.16	31.12	3	Vertical	71	2.05	-
2452MHz	Pass	PK	2.4552G	111.31	Inf	-Inf	31.01	3	Vertical	71	2.05	-
2452MHz	Pass	PK	2.4844G	72.01	74.00	-1.99	31.12	3	Vertical	71	2.05	-
2452MHz	Pass	AV	2.4484G	101.51	Inf	-Inf	30.98	3	Horizontal	258	2.08	-
2452MHz	Pass	AV	2.499G	47.85	54.00	-6.15	31.17	3	Horizontal	258	2.08	-
2452MHz	Pass	PK	2.4486G	110.17	Inf	-Inf	30.98	3	Horizontal	258	2.08	-
2452MHz	Pass	PK	2.4842G	73.88	74.00	-0.12	31.12	3	Horizontal	258	2.08	-
2457MHz	Pass	AV	2.46G	99.79	Inf	-Inf	31.03	3	Vertical	73	2.18	-
2457MHz	Pass	AV	2.4868G	47.20	54.00	-6.80	31.12	3	Vertical	73	2.18	-
2457MHz	Pass	PK	2.46G	109.00	Inf	-Inf	31.03	3	Vertical	73	2.18	-
2457MHz	Pass	PK	2.4844G	71.94	74.00	-2.06	31.12	3	Vertical	73	2.18	-
2457MHz	Pass	AV	2.4538G	98.58	Inf	-Inf	31.00	3	Horizontal	266	1.86	-
2457MHz	Pass	AV	2.484G	47.53	54.00	-6.47	31.12	3	Horizontal	266	1.86	-
2457MHz	Pass	PK	2.4538G	107.23	Inf	-Inf	31.00	3	Horizontal	266	1.86	-
2457MHz	Pass	PK	2.4838G	72.92	74.00	-1.08	31.11	3	Horizontal	266	1.86	-
2462MHz	Pass	AV	2.4658G	97.15	Inf	-Inf	31.05	3	Vertical	78	1.94	-
2462MHz	Pass	AV	2.487G	47.49	54.00	-6.51	31.12	3	Vertical	78	1.94	-
2462MHz	Pass	PK	2.4664G	106.30	Inf	-Inf	31.05	3	Vertical	78	1.94	-
2462MHz	Pass	PK	2.4836G	71.69	74.00	-2.31	31.11	3	Vertical	78	1.94	-
2462MHz	Pass	AV	2.4676G	95.88	Inf	-Inf	31.05	3	Horizontal	267	1.85	-
2462MHz	Pass	AV	2.4952G	47.28	54.00	-6.72	31.16	3	Horizontal	267	1.85	-
2462MHz	Pass	PK	2.4684G	104.43	Inf	-Inf	31.06	3	Horizontal	267	1.85	-
2462MHz	Pass	PK	2.484G	73.20	74.00	-0.80	31.12	3	Horizontal	267	1.85	-
2462MHz	Pass	AV	4.92784G	32.65	54.00	-21.35	2.31	3	Vertical	354	1.50	-
2462MHz	Pass	PK	4.93372G	44.71	74.00	-29.29	2.32	3	Vertical	354	1.50	-
2462MHz	Pass	AV	4.92394G	35.16	54.00	-18.84	2.30	3	Horizontal	315	1.45	-
2462MHz	Pass	PK	4.92418G	44.23	74.00	-29.77	2.30	3	Horizontal	315	1.45	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3896G	44.00	54.00	-10.00	30.77	3	Vertical	128	1.99	-
2412MHz	Pass	AV	2.4072G	99.93	Inf	-Inf	30.84	3	Vertical	128	1.99	-
2412MHz	Pass	PK	2.387G	73.67	74.00	-0.33	30.76	3	Vertical	128	1.99	-
2412MHz	Pass	PK	2.4084G	110.43	Inf	-Inf	30.84	3	Vertical	128	1.99	-
2412MHz	Pass	AV	2.389998G	44.15	54.00	-9.85	30.77	3	Horizontal	291	1.88	-
2412MHz	Pass	AV	2.4194G	99.90	Inf	-Inf	30.88	3	Horizontal	291	1.88	-
2412MHz	Pass	PK	2.3894G	73.27	74.00	-0.73	30.77	3	Horizontal	291	1.88	-
2412MHz	Pass	PK	2.4154G	110.27	Inf	-Inf	30.87	3	Horizontal	291	1.88	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.80948G	29.88	54.00	-24.12	2.06	3	Vertical	352	1.27	-
2412MHz	Pass	PK	4.8096G	43.21	74.00	-30.79	2.06	3	Vertical	352	1.27	-
2412MHz	Pass	AV	4.82394G	31.72	54.00	-22.28	2.09	3	Horizontal	86	2.00	-
2412MHz	Pass	PK	4.82406G	43.41	74.00	-30.59	2.09	3	Horizontal	86	2.00	-
2417MHz	Pass	AV	2.376G	44.96	54.00	-9.04	30.72	3	Vertical	131	2.00	-
2417MHz	Pass	AV	2.4088G	104.02	Inf	-Inf	30.84	3	Vertical	131	2.00	-
2417MHz	Pass	PK	2.3886G	73.10	74.00	-0.90	30.77	3	Vertical	131	2.00	-
2417MHz	Pass	PK	2.412G	114.21	Inf	-Inf	30.85	3	Vertical	131	2.00	-
2417MHz	Pass	AV	2.376G	45.06	54.00	-8.94	30.72	3	Horizontal	279	2.04	-
2417MHz	Pass	AV	2.4188G	103.71	Inf	-Inf	30.88	3	Horizontal	279	2.04	-
2417MHz	Pass	PK	2.3742G	72.57	74.00	-1.43	30.72	3	Horizontal	279	2.04	-
2417MHz	Pass	PK	2.412G	114.52	Inf	-Inf	30.85	3	Horizontal	279	2.04	-
2422MHz	Pass	AV	2.3874G	46.38	54.00	-7.62	30.76	3	Vertical	103	1.82	-
2422MHz	Pass	AV	2.414G	105.70	Inf	-Inf	30.86	3	Vertical	103	1.82	-
2422MHz	Pass	PK	2.376G	73.37	74.00	-0.63	30.72	3	Vertical	103	1.82	-
2422MHz	Pass	PK	2.416G	115.96	Inf	-Inf	30.87	3	Vertical	103	1.82	-
2422MHz	Pass	AV	2.3758G	46.59	54.00	-7.41	30.72	3	Horizontal	278	2.00	-
2422MHz	Pass	AV	2.4158G	105.37	Inf	-Inf	30.87	3	Horizontal	278	2.00	-
2422MHz	Pass	PK	2.383G	73.65	74.00	-0.35	30.75	3	Horizontal	278	2.00	-
2422MHz	Pass	PK	2.4192G	115.45	Inf	-Inf	30.88	3	Horizontal	278	2.00	-
2437MHz	Pass	AV	2.3762G	46.50	54.00	-7.50	30.72	3	Vertical	116	1.94	-
2437MHz	Pass	AV	2.443G	106.30	Inf	-Inf	30.96	3	Vertical	116	1.94	-
2437MHz	Pass	AV	2.485G	47.60	54.00	-6.40	31.12	3	Vertical	116	1.94	-
2437MHz	Pass	PK	2.3798G	73.01	74.00	-0.99	30.74	3	Vertical	116	1.94	-
2437MHz	Pass	PK	2.4402G	116.23	Inf	-Inf	30.95	3	Vertical	116	1.94	-
2437MHz	Pass	PK	2.4874G	73.30	74.00	-0.70	31.12	3	Vertical	116	1.94	-
2437MHz	Pass	AV	2.3762G	46.16	54.00	-7.84	30.72	3	Horizontal	306	1.82	-
2437MHz	Pass	AV	2.445G	106.11	Inf	-Inf	30.97	3	Horizontal	306	1.82	-
2437MHz	Pass	AV	2.4958G	45.81	54.00	-8.19	31.16	3	Horizontal	306	1.82	-
2437MHz	Pass	PK	2.3762G	73.23	74.00	-0.77	30.72	3	Horizontal	306	1.82	-
2437MHz	Pass	PK	2.4422G	116.17	Inf	-Inf	30.96	3	Horizontal	306	1.82	-
2437MHz	Pass	PK	2.485G	68.49	74.00	-5.51	31.12	3	Horizontal	306	1.82	-
2437MHz	Pass	AV	4.87382G	30.88	54.00	-23.12	2.19	3	Vertical	246	2.80	-
2437MHz	Pass	PK	4.8737G	43.47	74.00	-30.53	2.19	3	Vertical	246	2.80	-
2437MHz	Pass	AV	4.874G	32.77	54.00	-21.23	2.19	3	Horizontal	84	1.76	-
2437MHz	Pass	PK	4.87406G	44.20	74.00	-29.80	2.19	3	Horizontal	84	1.76	-
2442MHz	Pass	AV	2.4494G	105.87	Inf	-Inf	30.99	3	Vertical	101	2.23	-
2442MHz	Pass	AV	2.484G	47.23	54.00	-6.77	31.12	3	Vertical	101	2.23	-
2442MHz	Pass	PK	2.4374G	116.31	Inf	-Inf	30.94	3	Vertical	101	2.23	-
2442MHz	Pass	PK	2.4884G	72.70	74.00	-1.30	31.13	3	Vertical	101	2.23	-
2442MHz	Pass	AV	2.45G	105.89	Inf	-Inf	30.99	3	Horizontal	287	2.06	-
2442MHz	Pass	AV	2.483502G	45.84	54.00	-8.16	31.11	3	Horizontal	287	2.06	-
2442MHz	Pass	PK	2.4388G	115.61	Inf	-Inf	30.95	3	Horizontal	287	2.06	-
2442MHz	Pass	PK	2.4836G	73.45	74.00	-0.55	31.11	3	Horizontal	287	2.06	-
2447MHz	Pass	AV	2.4544G	105.49	Inf	-Inf	31.01	3	Vertical	107	1.98	-
2447MHz	Pass	AV	2.483502G	46.06	54.00	-7.94	31.11	3	Vertical	107	1.98	-
2447MHz	Pass	PK	2.4522G	115.35	Inf	-Inf	31.00	3	Vertical	107	1.98	-
2447MHz	Pass	PK	2.4866G	72.45	74.00	-1.55	31.12	3	Vertical	107	1.98	-
2447MHz	Pass	AV	2.4392G	104.79	Inf	-Inf	30.95	3	Horizontal	296	1.80	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	AV	2.4962G	44.97	54.00	-9.03	31.16	3	Horizontal	296	1.80	-
2447MHz	Pass	PK	2.4412G	114.99	Inf	-Inf	30.96	3	Horizontal	296	1.80	-
2447MHz	Pass	PK	2.4846G	73.61	74.00	-0.39	31.12	3	Horizontal	296	1.80	-
2452MHz	Pass	AV	2.4594G	104.56	Inf	-Inf	31.02	3	Vertical	112	1.97	-
2452MHz	Pass	AV	2.483502G	46.92	54.00	-7.08	31.11	3	Vertical	112	1.97	-
2452MHz	Pass	PK	2.4542G	114.86	Inf	-Inf	31.01	3	Vertical	112	1.97	-
2452MHz	Pass	PK	2.4846G	73.66	74.00	-0.34	31.12	3	Vertical	112	1.97	-
2452MHz	Pass	AV	2.4466G	103.84	Inf	-Inf	30.98	3	Horizontal	296	1.84	-
2452MHz	Pass	AV	2.483502G	45.37	54.00	-8.63	31.11	3	Horizontal	296	1.84	-
2452MHz	Pass	PK	2.4472G	114.89	Inf	-Inf	30.98	3	Horizontal	296	1.84	-
2452MHz	Pass	PK	2.4918G	73.74	74.00	-0.26	31.14	3	Horizontal	296	1.84	-
2457MHz	Pass	AV	2.4602G	103.10	Inf	-Inf	31.03	3	Vertical	102	1.98	-
2457MHz	Pass	AV	2.4836G	46.83	54.00	-7.17	31.11	3	Vertical	102	1.98	-
2457MHz	Pass	PK	2.4618G	113.50	Inf	-Inf	31.03	3	Vertical	102	1.98	-
2457MHz	Pass	PK	2.4844G	73.36	74.00	-0.64	31.12	3	Vertical	102	1.98	-
2457MHz	Pass	AV	2.4494G	102.65	Inf	-Inf	30.99	3	Horizontal	298	1.82	-
2457MHz	Pass	AV	2.483502G	45.47	54.00	-8.53	31.11	3	Horizontal	298	1.82	-
2457MHz	Pass	PK	2.452G	113.28	Inf	-Inf	31.00	3	Horizontal	298	1.82	-
2457MHz	Pass	PK	2.486G	71.94	74.00	-2.06	31.12	3	Horizontal	298	1.82	-
2462MHz	Pass	AV	2.4696G	102.23	Inf	-Inf	31.06	3	Vertical	113	1.75	-
2462MHz	Pass	AV	2.483502G	49.96	54.00	-4.04	31.11	3	Vertical	113	1.75	-
2462MHz	Pass	PK	2.4572G	112.58	Inf	-Inf	31.02	3	Vertical	113	1.75	-
2462MHz	Pass	PK	2.4846G	72.99	74.00	-1.01	31.12	3	Vertical	113	1.75	-
2462MHz	Pass	AV	2.454G	101.13	Inf	-Inf	31.00	3	Horizontal	299	2.04	-
2462MHz	Pass	AV	2.483502G	46.48	54.00	-7.52	31.11	3	Horizontal	299	2.04	-
2462MHz	Pass	PK	2.4606G	111.15	Inf	-Inf	31.03	3	Horizontal	299	2.04	-
2462MHz	Pass	PK	2.4968G	71.99	74.00	-2.01	31.16	3	Horizontal	299	2.04	-
2462MHz	Pass	AV	4.92406G	31.61	54.00	-22.39	2.30	3	Vertical	256	1.74	-
2462MHz	Pass	PK	4.90972G	43.33	74.00	-30.67	2.27	3	Vertical	256	1.74	-
2462MHz	Pass	AV	4.924G	34.36	54.00	-19.64	2.30	3	Horizontal	299	1.09	-
2462MHz	Pass	PK	4.92412G	44.18	74.00	-29.82	2.30	3	Horizontal	299	1.09	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389998G	46.51	54.00	-7.49	30.77	3	Vertical	116	1.97	-
2412MHz	Pass	AV	2.4036G	104.95	Inf	-Inf	30.82	3	Vertical	116	1.97	-
2412MHz	Pass	PK	2.3862G	73.24	74.00	-0.76	30.76	3	Vertical	116	1.97	-
2412MHz	Pass	PK	2.4038G	117.83	Inf	-Inf	30.82	3	Vertical	116	1.97	-
2412MHz	Pass	AV	2.389998G	46.63	54.00	-7.37	30.77	3	Horizontal	291	1.88	-
2412MHz	Pass	AV	2.4206G	103.91	Inf	-Inf	30.88	3	Horizontal	291	1.88	-
2412MHz	Pass	PK	2.3892G	71.94	74.00	-2.06	30.77	3	Horizontal	291	1.88	-
2412MHz	Pass	PK	2.4154G	117.41	Inf	-Inf	30.87	3	Horizontal	291	1.88	-
2412MHz	Pass	AV	4.81026G	29.52	54.00	-24.48	2.06	3	Vertical	359	2.80	-
2412MHz	Pass	PK	4.80942G	42.56	74.00	-31.44	2.06	3	Vertical	359	2.80	-
2412MHz	Pass	AV	4.824G	31.40	54.00	-22.60	2.09	3	Horizontal	93	1.89	-
2412MHz	Pass	PK	4.8237G	43.01	74.00	-30.99	2.09	3	Horizontal	93	1.89	-
2417MHz	Pass	AV	2.3898G	48.15	54.00	-5.85	30.77	3	Vertical	118	1.99	-
2417MHz	Pass	AV	2.4082G	106.71	Inf	-Inf	30.84	3	Vertical	118	1.99	-
2417MHz	Pass	PK	2.3896G	73.78	74.00	-0.22	30.77	3	Vertical	118	1.99	-
2417MHz	Pass	PK	2.409G	119.35	Inf	-Inf	30.84	3	Vertical	118	1.99	-
2417MHz	Pass	AV	2.376G	46.61	54.00	-7.39	30.72	3	Horizontal	306	1.90	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	AV	2.4202G	105.24	Inf	-Inf	30.88	3	Horizontal	306	1.90	-
2417MHz	Pass	PK	2.389998G	72.86	74.00	-1.14	30.77	3	Horizontal	306	1.90	-
2417MHz	Pass	PK	2.422G	118.49	Inf	-Inf	30.89	3	Horizontal	306	1.90	-
2422MHz	Pass	AV	2.389998G	48.74	54.00	-5.26	30.77	3	Vertical	36	1.60	-
2422MHz	Pass	AV	2.4134G	107.22	Inf	-Inf	30.86	3	Vertical	36	1.60	-
2422MHz	Pass	PK	2.3834G	71.75	74.00	-2.25	30.75	3	Vertical	36	1.60	-
2422MHz	Pass	PK	2.4168G	119.58	Inf	-Inf	30.87	3	Vertical	36	1.60	-
2422MHz	Pass	AV	2.389998G	48.10	54.00	-5.90	30.77	3	Horizontal	302	2.09	-
2422MHz	Pass	AV	2.4306G	106.38	Inf	-Inf	30.92	3	Horizontal	302	2.09	-
2422MHz	Pass	PK	2.389998G	71.26	74.00	-2.74	30.77	3	Horizontal	302	2.09	-
2422MHz	Pass	PK	2.431G	119.37	Inf	-Inf	30.92	3	Horizontal	302	2.09	-
2437MHz	Pass	AV	2.3886G	46.77	54.00	-7.23	30.77	3	Vertical	99	1.97	-
2437MHz	Pass	AV	2.4454G	108.31	Inf	-Inf	30.97	3	Vertical	99	1.97	-
2437MHz	Pass	AV	2.485G	47.94	54.00	-6.06	31.12	3	Vertical	99	1.97	-
2437MHz	Pass	PK	2.3874G	71.08	74.00	-2.92	30.76	3	Vertical	99	1.97	-
2437MHz	Pass	PK	2.4458G	120.36	Inf	-Inf	30.97	3	Vertical	99	1.97	-
2437MHz	Pass	PK	2.4842G	70.02	74.00	-3.98	31.12	3	Vertical	99	1.97	-
2437MHz	Pass	AV	2.3758G	46.00	54.00	-8.00	30.72	3	Horizontal	294	1.82	-
2437MHz	Pass	AV	2.4458G	107.46	Inf	-Inf	30.97	3	Horizontal	294	1.82	-
2437MHz	Pass	AV	2.483502G	47.04	54.00	-6.96	31.11	3	Horizontal	294	1.82	-
2437MHz	Pass	PK	2.3766G	72.86	74.00	-1.14	30.72	3	Horizontal	294	1.82	-
2437MHz	Pass	PK	2.4426G	120.57	Inf	-Inf	30.96	3	Horizontal	294	1.82	-
2437MHz	Pass	PK	2.497G	73.67	74.00	-0.33	31.16	3	Horizontal	294	1.82	-
2437MHz	Pass	AV	4.87394G	30.69	54.00	-23.31	2.19	3	Vertical	253	2.80	-
2437MHz	Pass	PK	4.8824G	43.33	74.00	-30.67	2.21	3	Vertical	253	2.80	-
2437MHz	Pass	AV	4.874G	32.08	54.00	-21.92	2.19	3	Horizontal	92	1.69	-
2437MHz	Pass	PK	4.88306G	43.86	74.00	-30.14	2.21	3	Horizontal	92	1.69	-
2447MHz	Pass	AV	2.4384G	107.79	Inf	-Inf	30.95	3	Vertical	304	1.64	-
2447MHz	Pass	AV	2.483502G	49.24	54.00	-4.76	31.11	3	Vertical	304	1.64	-
2447MHz	Pass	PK	2.438G	120.06	Inf	-Inf	30.95	3	Vertical	304	1.64	-
2447MHz	Pass	PK	2.483502G	71.24	74.00	-2.76	31.11	3	Vertical	304	1.64	-
2447MHz	Pass	AV	2.4382G	107.78	Inf	-Inf	30.95	3	Horizontal	304	1.64	-
2447MHz	Pass	AV	2.483502G	49.11	54.00	-4.89	31.11	3	Horizontal	304	1.64	-
2447MHz	Pass	PK	2.441G	120.43	Inf	-Inf	30.96	3	Horizontal	304	1.64	-
2447MHz	Pass	PK	2.4836G	71.36	74.00	-2.64	31.11	3	Horizontal	304	1.64	-
2452MHz	Pass	AV	2.4434G	106.89	Inf	-Inf	30.97	3	Vertical	123	1.94	-
2452MHz	Pass	AV	2.483502G	50.44	54.00	-3.56	31.11	3	Vertical	123	1.94	-
2452MHz	Pass	PK	2.4608G	119.94	Inf	-Inf	31.03	3	Vertical	123	1.94	-
2452MHz	Pass	PK	2.483502G	70.69	74.00	-3.31	31.11	3	Vertical	123	1.94	-
2452MHz	Pass	AV	2.4434G	106.61	Inf	-Inf	30.97	3	Horizontal	301	1.65	-
2452MHz	Pass	AV	2.483502G	48.88	54.00	-5.12	31.11	3	Horizontal	301	1.65	-
2452MHz	Pass	PK	2.4442G	119.05	Inf	-Inf	30.97	3	Horizontal	301	1.65	-
2452MHz	Pass	PK	2.4836G	73.90	74.00	-0.10	31.11	3	Horizontal	301	1.65	-
2457MHz	Pass	AV	2.4492G	106.87	Inf	-Inf	30.99	3	Vertical	120	1.97	-
2457MHz	Pass	AV	2.483502G	52.23	54.00	-1.77	31.11	3	Vertical	120	1.97	-
2457MHz	Pass	PK	2.4494G	119.59	Inf	-Inf	30.99	3	Vertical	120	1.97	-
2457MHz	Pass	PK	2.4836G	73.61	74.00	-0.39	31.11	3	Vertical	120	1.97	-
2457MHz	Pass	AV	2.4484G	103.16	Inf	-Inf	30.98	3	Horizontal	302	1.83	-
2457MHz	Pass	AV	2.483502G	47.27	54.00	-6.73	31.11	3	Horizontal	302	1.83	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.449G	115.99	Inf	-Inf	30.99	3	Horizontal	302	1.83	-
2457MHz	Pass	PK	2.4848G	73.75	74.00	-0.25	31.12	3	Horizontal	302	1.83	-
2462MHz	Pass	AV	2.4536G	103.58	Inf	-Inf	31.00	3	Vertical	101	1.99	-
2462MHz	Pass	AV	2.483502G	51.03	54.00	-2.97	31.11	3	Vertical	101	1.99	-
2462MHz	Pass	PK	2.4542G	116.61	Inf	-Inf	31.01	3	Vertical	101	1.99	-
2462MHz	Pass	PK	2.4872G	71.36	74.00	-2.64	31.12	3	Vertical	101	1.99	-
2462MHz	Pass	AV	2.4534G	102.58	Inf	-Inf	31.00	3	Horizontal	297	1.86	-
2462MHz	Pass	AV	2.483502G	49.92	54.00	-4.08	31.11	3	Horizontal	297	1.86	-
2462MHz	Pass	PK	2.454G	115.58	Inf	-Inf	31.00	3	Horizontal	297	1.86	-
2462MHz	Pass	PK	2.486G	73.74	74.00	-0.26	31.12	3	Horizontal	297	1.86	-
2462MHz	Pass	AV	4.92388G	30.97	54.00	-23.03	2.30	3	Vertical	257	1.39	-
2462MHz	Pass	PK	4.93564G	43.70	74.00	-30.30	2.33	3	Vertical	257	1.39	-
2462MHz	Pass	AV	4.924G	33.13	54.00	-20.87	2.30	3	Horizontal	324	1.79	-
2462MHz	Pass	PK	4.92382G	44.01	74.00	-29.99	2.30	3	Horizontal	324	1.79	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	49.40	54.00	-4.60	30.77	3	Vertical	108	1.98	-
2422MHz	Pass	AV	2.4052G	102.30	Inf	-Inf	30.83	3	Vertical	108	1.98	-
2422MHz	Pass	AV	2.483502G	48.71	54.00	-5.29	31.11	3	Vertical	108	1.98	-
2422MHz	Pass	PK	2.388G	73.19	74.00	-0.81	30.77	3	Vertical	108	1.98	-
2422MHz	Pass	PK	2.4132G	112.90	Inf	-Inf	30.86	3	Vertical	108	1.98	-
2422MHz	Pass	PK	2.4844G	62.62	74.00	-11.38	31.12	3	Vertical	108	1.98	-
2422MHz	Pass	AV	2.389998G	48.24	54.00	-5.76	30.77	3	Horizontal	286	1.81	-
2422MHz	Pass	AV	2.4372G	102.47	Inf	-Inf	30.94	3	Horizontal	286	1.81	-
2422MHz	Pass	AV	2.4844G	46.99	54.00	-7.01	31.12	3	Horizontal	286	1.81	-
2422MHz	Pass	PK	2.389998G	71.51	74.00	-2.49	30.77	3	Horizontal	286	1.81	-
2422MHz	Pass	PK	2.4316G	112.79	Inf	-Inf	30.92	3	Horizontal	286	1.81	-
2422MHz	Pass	PK	2.4876G	63.76	74.00	-10.24	31.13	3	Horizontal	286	1.81	-
2422MHz	Pass	AV	4.84394G	30.24	54.00	-23.76	2.13	3	Vertical	253	1.50	-
2422MHz	Pass	PK	4.85066G	43.63	74.00	-30.37	2.14	3	Vertical	253	1.50	-
2422MHz	Pass	AV	4.84394G	32.45	54.00	-21.55	2.13	3	Horizontal	71	1.69	-
2422MHz	Pass	PK	4.84364G	43.53	74.00	-30.47	2.13	3	Horizontal	71	1.69	-
2427MHz	Pass	AV	2.3898G	47.77	54.00	-6.23	30.77	3	Vertical	93	2.22	-
2427MHz	Pass	AV	2.4422G	102.67	Inf	-Inf	30.96	3	Vertical	93	2.22	-
2427MHz	Pass	AV	2.4846G	49.60	54.00	-4.40	31.12	3	Vertical	93	2.22	-
2427MHz	Pass	PK	2.3834G	72.31	74.00	-1.69	30.75	3	Vertical	93	2.22	-
2427MHz	Pass	PK	2.437G	113.77	Inf	-Inf	30.94	3	Vertical	93	2.22	-
2427MHz	Pass	PK	2.4862G	63.14	74.00	-10.86	31.12	3	Vertical	93	2.22	-
2427MHz	Pass	AV	2.3898G	46.23	54.00	-7.77	30.77	3	Horizontal	283	1.81	-
2427MHz	Pass	AV	2.4414G	102.26	Inf	-Inf	30.96	3	Horizontal	283	1.81	-
2427MHz	Pass	AV	2.4838G	46.87	54.00	-7.13	31.11	3	Horizontal	283	1.81	-
2427MHz	Pass	PK	2.3862G	69.69	74.00	-4.31	30.76	3	Horizontal	283	1.81	-
2427MHz	Pass	PK	2.4374G	112.63	Inf	-Inf	30.94	3	Horizontal	283	1.81	-
2427MHz	Pass	PK	2.4862G	62.65	74.00	-11.35	31.12	3	Horizontal	283	1.81	-
2432MHz	Pass	AV	2.3896G	50.31	54.00	-3.69	30.77	3	Vertical	97	1.94	-
2432MHz	Pass	AV	2.4472G	103.80	Inf	-Inf	30.98	3	Vertical	97	1.94	-
2432MHz	Pass	AV	2.483502G	52.05	54.00	-1.95	31.11	3	Vertical	97	1.94	-
2432MHz	Pass	PK	2.3892G	73.32	74.00	-0.68	30.77	3	Vertical	97	1.94	-
2432MHz	Pass	PK	2.4448G	114.56	Inf	-Inf	30.97	3	Vertical	97	1.94	-
2432MHz	Pass	PK	2.4844G	68.25	74.00	-5.75	31.12	3	Vertical	97	1.94	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz	Pass	AV	2.389998G	49.15	54.00	-4.85	30.77	3	Horizontal	284	1.88	-
2432MHz	Pass	AV	2.4168G	103.82	Inf	-Inf	30.87	3	Horizontal	284	1.88	-
2432MHz	Pass	AV	2.484G	48.27	54.00	-5.73	31.12	3	Horizontal	284	1.88	-
2432MHz	Pass	PK	2.3888G	72.74	74.00	-1.26	30.77	3	Horizontal	284	1.88	-
2432MHz	Pass	PK	2.4184G	114.12	Inf	-Inf	30.88	3	Horizontal	284	1.88	-
2432MHz	Pass	PK	2.4916G	64.79	74.00	-9.21	31.14	3	Horizontal	284	1.88	-
2437MHz	Pass	AV	2.3898G	49.68	54.00	-4.32	30.77	3	Vertical	99	1.99	-
2437MHz	Pass	AV	2.4542G	104.98	Inf	-Inf	31.01	3	Vertical	99	1.99	-
2437MHz	Pass	AV	2.4842G	53.84	54.00	-0.16	31.12	3	Vertical	99	1.99	-
2437MHz	Pass	PK	2.3882G	71.95	74.00	-2.05	30.77	3	Vertical	99	1.99	-
2437MHz	Pass	PK	2.4522G	115.43	Inf	-Inf	31.00	3	Vertical	99	1.99	-
2437MHz	Pass	PK	2.4846G	73.01	74.00	-0.99	31.12	3	Vertical	99	1.99	-
2437MHz	Pass	AV	2.3894G	49.48	54.00	-4.52	30.77	3	Horizontal	287	2.33	-
2437MHz	Pass	AV	2.4214G	104.00	Inf	-Inf	30.89	3	Horizontal	287	2.33	-
2437MHz	Pass	AV	2.483502G	49.89	54.00	-4.11	31.11	3	Horizontal	287	2.33	-
2437MHz	Pass	PK	2.387G	71.98	74.00	-2.02	30.76	3	Horizontal	287	2.33	-
2437MHz	Pass	PK	2.421G	114.27	Inf	-Inf	30.89	3	Horizontal	287	2.33	-
2437MHz	Pass	PK	2.4838G	68.56	74.00	-5.44	31.11	3	Horizontal	287	2.33	-
2437MHz	Pass	AV	4.87394G	30.56	54.00	-23.44	2.19	3	Vertical	232	2.76	-
2437MHz	Pass	PK	4.87802G	42.88	74.00	-31.12	2.20	3	Vertical	232	2.76	-
2437MHz	Pass	AV	4.874G	32.26	54.00	-21.74	2.19	3	Horizontal	69	1.79	-
2437MHz	Pass	PK	4.87406G	43.36	74.00	-30.64	2.19	3	Horizontal	69	1.79	-
2442MHz	Pass	AV	2.376G	46.90	54.00	-7.10	30.72	3	Vertical	94	1.95	-
2442MHz	Pass	AV	2.4572G	102.72	Inf	-Inf	31.02	3	Vertical	94	1.95	-
2442MHz	Pass	AV	2.483502G	53.75	54.00	-0.25	31.11	3	Vertical	94	1.95	-
2442MHz	Pass	PK	2.3888G	63.70	74.00	-10.30	30.77	3	Vertical	94	1.95	-
2442MHz	Pass	PK	2.4448G	113.08	Inf	-Inf	30.97	3	Vertical	94	1.95	-
2442MHz	Pass	PK	2.484G	68.08	74.00	-5.92	31.12	3	Vertical	94	1.95	-
2442MHz	Pass	AV	2.389998G	45.11	54.00	-8.89	30.77	3	Horizontal	277	1.65	-
2442MHz	Pass	AV	2.44G	101.99	Inf	-Inf	30.95	3	Horizontal	277	1.65	-
2442MHz	Pass	AV	2.483502G	49.58	54.00	-4.42	31.11	3	Horizontal	277	1.65	-
2442MHz	Pass	PK	2.382G	61.55	74.00	-12.45	30.75	3	Horizontal	277	1.65	-
2442MHz	Pass	PK	2.4396G	112.93	Inf	-Inf	30.95	3	Horizontal	277	1.65	-
2442MHz	Pass	PK	2.4848G	66.01	74.00	-7.99	31.12	3	Horizontal	277	1.65	-
2447MHz	Pass	AV	2.3762G	45.08	54.00	-8.92	30.72	3	Vertical	96	1.98	-
2447MHz	Pass	AV	2.4578G	101.79	Inf	-Inf	31.02	3	Vertical	96	1.98	-
2447MHz	Pass	AV	2.4842G	53.93	54.00	-0.07	31.12	3	Vertical	96	1.98	-
2447MHz	Pass	PK	2.389G	57.94	74.00	-16.06	30.77	3	Vertical	96	1.98	-
2447MHz	Pass	PK	2.4538G	112.35	Inf	-Inf	31.00	3	Vertical	96	1.98	-
2447MHz	Pass	PK	2.485G	69.56	74.00	-4.44	31.12	3	Vertical	96	1.98	-
2447MHz	Pass	AV	2.3758G	44.71	54.00	-9.29	30.72	3	Horizontal	285	1.79	-
2447MHz	Pass	AV	2.439G	100.28	Inf	-Inf	30.95	3	Horizontal	285	1.79	-
2447MHz	Pass	AV	2.483502G	49.08	54.00	-4.92	31.11	3	Horizontal	285	1.79	-
2447MHz	Pass	PK	2.387G	60.94	74.00	-13.06	30.76	3	Horizontal	285	1.79	-
2447MHz	Pass	PK	2.4386G	110.92	Inf	-Inf	30.95	3	Horizontal	285	1.79	-
2447MHz	Pass	PK	2.4902G	62.44	74.00	-11.56	31.13	3	Horizontal	285	1.79	-
2452MHz	Pass	AV	2.376G	45.37	54.00	-8.63	30.72	3	Vertical	100	1.96	-
2452MHz	Pass	AV	2.4672G	99.97	Inf	-Inf	31.05	3	Vertical	100	1.96	-
2452MHz	Pass	AV	2.483502G	53.53	54.00	-0.47	31.11	3	Vertical	100	1.96	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.374G	58.41	74.00	-15.59	30.72	3	Vertical	100	1.96	-
2452MHz	Pass	PK	2.4592G	110.37	Inf	-Inf	31.02	3	Vertical	100	1.96	-
2452MHz	Pass	PK	2.4852G	67.12	74.00	-6.88	31.12	3	Vertical	100	1.96	-
2452MHz	Pass	AV	2.376G	44.68	54.00	-9.32	30.72	3	Horizontal	285	1.82	-
2452MHz	Pass	AV	2.4408G	99.05	Inf	-Inf	30.96	3	Horizontal	285	1.82	-
2452MHz	Pass	AV	2.483502G	49.14	54.00	-4.86	31.11	3	Horizontal	285	1.82	-
2452MHz	Pass	PK	2.3872G	60.98	74.00	-13.02	30.76	3	Horizontal	285	1.82	-
2452MHz	Pass	PK	2.444G	110.27	Inf	-Inf	30.97	3	Horizontal	285	1.82	-
2452MHz	Pass	PK	2.488G	62.08	74.00	-11.92	31.13	3	Horizontal	285	1.82	-
2452MHz	Pass	AV	4.90394G	30.80	54.00	-23.20	2.26	3	Vertical	242	1.74	-
2452MHz	Pass	PK	4.9043G	42.87	74.00	-31.13	2.26	3	Vertical	242	1.74	-
2452MHz	Pass	AV	4.904G	32.22	54.00	-21.78	2.26	3	Horizontal	70	1.52	-
2452MHz	Pass	PK	4.90406G	43.16	74.00	-30.84	2.26	3	Horizontal	70	1.52	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.389998G	49.40	54.00	-4.60	30.77	3	Vertical	106	1.76	-
2422MHz	Pass	AV	2.4392G	103.15	Inf	-Inf	30.95	3	Vertical	106	1.76	-
2422MHz	Pass	AV	2.4848G	48.94	54.00	-5.06	31.12	3	Vertical	106	1.76	-
2422MHz	Pass	PK	2.388G	72.69	74.00	-1.31	30.77	3	Vertical	106	1.76	-
2422MHz	Pass	PK	2.4388G	115.99	Inf	-Inf	30.95	3	Vertical	106	1.76	-
2422MHz	Pass	PK	2.4884G	63.21	74.00	-10.79	31.13	3	Vertical	106	1.76	-
2422MHz	Pass	AV	2.389998G	50.00	54.00	-4.00	30.77	3	Horizontal	286	1.82	-
2422MHz	Pass	AV	2.44G	102.42	Inf	-Inf	30.95	3	Horizontal	286	1.82	-
2422MHz	Pass	AV	2.483502G	48.96	54.00	-5.04	31.11	3	Horizontal	286	1.82	-
2422MHz	Pass	PK	2.3896G	69.39	74.00	-4.61	30.77	3	Horizontal	286	1.82	-
2422MHz	Pass	PK	2.4324G	114.59	Inf	-Inf	30.93	3	Horizontal	286	1.82	-
2422MHz	Pass	PK	2.4876G	65.72	74.00	-8.28	31.13	3	Horizontal	286	1.82	-
2422MHz	Pass	AV	4.844G	30.10	54.00	-23.90	2.13	3	Vertical	247	3.14	-
2422MHz	Pass	PK	4.82978G	42.41	74.00	-31.59	2.10	3	Vertical	247	3.14	-
2422MHz	Pass	AV	4.84388G	32.13	54.00	-21.87	2.13	3	Horizontal	89	1.91	-
2422MHz	Pass	PK	4.8464G	47.91	74.00	-26.09	2.13	3	Horizontal	89	1.91	-
2427MHz	Pass	AV	2.3898G	49.33	54.00	-4.67	30.77	3	Vertical	117	2.01	-
2427MHz	Pass	AV	2.4122G	103.23	Inf	-Inf	30.85	3	Vertical	117	2.01	-
2427MHz	Pass	AV	2.483502G	49.49	54.00	-4.51	31.11	3	Vertical	117	2.01	-
2427MHz	Pass	PK	2.3894G	70.55	74.00	-3.45	30.77	3	Vertical	117	2.01	-
2427MHz	Pass	PK	2.4442G	116.06	Inf	-Inf	30.97	3	Vertical	117	2.01	-
2427MHz	Pass	PK	2.4854G	63.24	74.00	-10.76	31.12	3	Vertical	117	2.01	-
2427MHz	Pass	AV	2.3898G	47.54	54.00	-6.46	30.77	3	Horizontal	296	1.89	-
2427MHz	Pass	AV	2.4186G	101.80	Inf	-Inf	30.88	3	Horizontal	296	1.89	-
2427MHz	Pass	AV	2.483502G	47.87	54.00	-6.13	31.11	3	Horizontal	296	1.89	-
2427MHz	Pass	PK	2.3874G	69.96	74.00	-4.04	30.76	3	Horizontal	296	1.89	-
2427MHz	Pass	PK	2.4166G	114.46	Inf	-Inf	30.87	3	Horizontal	296	1.89	-
2427MHz	Pass	PK	2.487G	66.18	74.00	-7.82	31.12	3	Horizontal	296	1.89	-
2432MHz	Pass	AV	2.389998G	49.70	54.00	-4.30	30.77	3	Vertical	104	1.75	-
2432MHz	Pass	AV	2.4496G	103.76	Inf	-Inf	30.99	3	Vertical	104	1.75	-
2432MHz	Pass	AV	2.484G	51.31	54.00	-2.69	31.12	3	Vertical	104	1.75	-
2432MHz	Pass	PK	2.3792G	72.76	74.00	-1.24	30.74	3	Vertical	104	1.75	-
2432MHz	Pass	PK	2.4408G	116.77	Inf	-Inf	30.96	3	Vertical	104	1.75	-
2432MHz	Pass	PK	2.483502G	69.89	74.00	-4.11	31.11	3	Vertical	104	1.75	-
2432MHz	Pass	AV	2.389998G	49.18	54.00	-4.82	30.77	3	Horizontal	295	1.82	-

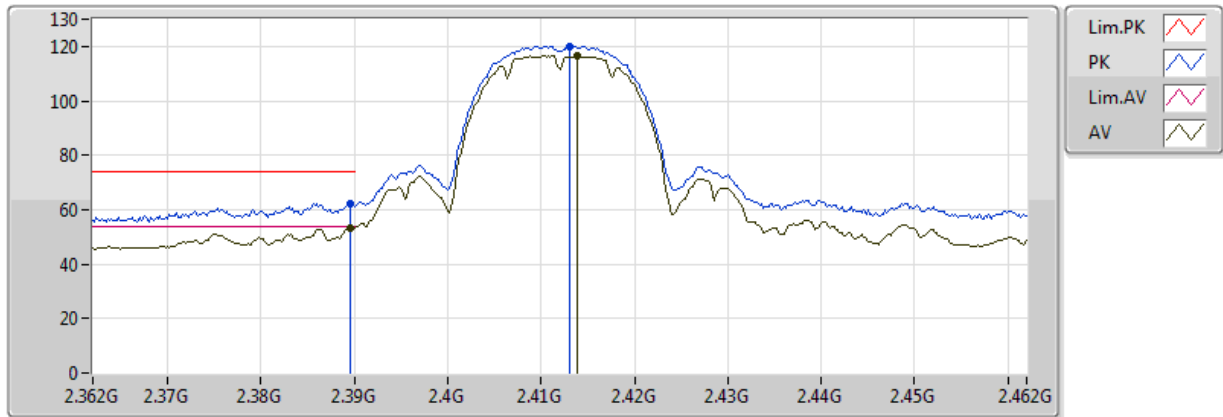
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz	Pass	AV	2.4404G	103.08	Inf	-Inf	30.96	3	Horizontal	295	1.82	-
2432MHz	Pass	AV	2.483502G	50.67	54.00	-3.33	31.11	3	Horizontal	295	1.82	-
2432MHz	Pass	PK	2.3892G	73.47	74.00	-0.53	30.77	3	Horizontal	295	1.82	-
2432MHz	Pass	PK	2.436G	115.88	Inf	-Inf	30.94	3	Horizontal	295	1.82	-
2432MHz	Pass	PK	2.4856G	67.79	74.00	-6.21	31.12	3	Horizontal	295	1.82	-
2437MHz	Pass	AV	2.389G	49.72	54.00	-4.28	30.77	3	Vertical	119	1.81	-
2437MHz	Pass	AV	2.4198G	103.94	Inf	-Inf	30.88	3	Vertical	119	1.81	-
2437MHz	Pass	AV	2.4838G	53.30	54.00	-0.70	31.11	3	Vertical	119	1.81	-
2437MHz	Pass	PK	2.3886G	70.80	74.00	-3.20	30.77	3	Vertical	119	1.81	-
2437MHz	Pass	PK	2.4334G	116.62	Inf	-Inf	30.93	3	Vertical	119	1.81	-
2437MHz	Pass	PK	2.4838G	70.10	74.00	-3.90	31.11	3	Vertical	119	1.81	-
2437MHz	Pass	AV	2.3898G	48.30	54.00	-5.70	30.77	3	Horizontal	300	1.63	-
2437MHz	Pass	AV	2.4414G	102.97	Inf	-Inf	30.96	3	Horizontal	300	1.63	-
2437MHz	Pass	AV	2.483502G	51.97	54.00	-2.03	31.11	3	Horizontal	300	1.63	-
2437MHz	Pass	PK	2.3898G	69.64	74.00	-4.36	30.77	3	Horizontal	300	1.63	-
2437MHz	Pass	PK	2.4474G	115.74	Inf	-Inf	30.98	3	Horizontal	300	1.63	-
2437MHz	Pass	PK	2.4838G	70.23	74.00	-3.77	31.11	3	Horizontal	300	1.63	-
2437MHz	Pass	AV	4.87382G	30.14	54.00	-23.86	2.19	3	Vertical	253	3.06	-
2437MHz	Pass	PK	4.8752G	43.09	74.00	-30.91	2.20	3	Vertical	253	3.06	-
2437MHz	Pass	AV	4.87394G	32.21	54.00	-21.79	2.19	3	Horizontal	92	1.01	-
2437MHz	Pass	PK	4.88582G	43.05	74.00	-30.95	2.22	3	Horizontal	92	1.01	-
2442MHz	Pass	AV	2.389998G	47.82	54.00	-6.18	30.77	3	Vertical	103	1.99	-
2442MHz	Pass	AV	2.454G	103.55	Inf	-Inf	31.00	3	Vertical	103	1.99	-
2442MHz	Pass	AV	2.483502G	53.43	54.00	-0.57	31.11	3	Vertical	103	1.99	-
2442MHz	Pass	PK	2.3896G	67.44	74.00	-6.56	30.77	3	Vertical	103	1.99	-
2442MHz	Pass	PK	2.4496G	115.97	Inf	-Inf	30.99	3	Vertical	103	1.99	-
2442MHz	Pass	PK	2.4872G	71.10	74.00	-2.90	31.12	3	Vertical	103	1.99	-
2442MHz	Pass	AV	2.376G	46.89	54.00	-7.11	30.72	3	Horizontal	296	1.85	-
2442MHz	Pass	AV	2.4508G	102.61	Inf	-Inf	30.99	3	Horizontal	296	1.85	-
2442MHz	Pass	AV	2.483502G	52.47	54.00	-1.53	31.11	3	Horizontal	296	1.85	-
2442MHz	Pass	PK	2.3896G	66.02	74.00	-7.98	30.77	3	Horizontal	296	1.85	-
2442MHz	Pass	PK	2.4528G	115.50	Inf	-Inf	31.00	3	Horizontal	296	1.85	-
2442MHz	Pass	PK	2.483502G	72.59	74.00	-1.41	31.11	3	Horizontal	296	1.85	-
2447MHz	Pass	AV	2.3886G	45.12	54.00	-8.88	30.77	3	Vertical	111	2.23	-
2447MHz	Pass	AV	2.4302G	101.14	Inf	-Inf	30.92	3	Vertical	111	2.23	-
2447MHz	Pass	AV	2.483502G	53.35	54.00	-0.65	31.11	3	Vertical	111	2.23	-
2447MHz	Pass	PK	2.3826G	57.63	74.00	-16.37	30.75	3	Vertical	111	2.23	-
2447MHz	Pass	PK	2.4394G	114.22	Inf	-Inf	30.95	3	Vertical	111	2.23	-
2447MHz	Pass	PK	2.4854G	67.34	74.00	-6.66	31.12	3	Vertical	111	2.23	-
2447MHz	Pass	AV	2.3758G	45.02	54.00	-8.98	30.72	3	Horizontal	293	1.81	-
2447MHz	Pass	AV	2.439G	99.98	Inf	-Inf	30.95	3	Horizontal	293	1.81	-
2447MHz	Pass	AV	2.483502G	51.69	54.00	-2.31	31.11	3	Horizontal	293	1.81	-
2447MHz	Pass	PK	2.387G	61.71	74.00	-12.29	30.76	3	Horizontal	293	1.81	-
2447MHz	Pass	PK	2.4454G	112.85	Inf	-Inf	30.97	3	Horizontal	293	1.81	-
2447MHz	Pass	PK	2.4838G	65.37	74.00	-8.63	31.11	3	Horizontal	293	1.81	-
2452MHz	Pass	AV	2.376G	45.67	54.00	-8.33	30.72	3	Vertical	118	1.77	-
2452MHz	Pass	AV	2.4688G	100.02	Inf	-Inf	31.06	3	Vertical	118	1.77	-
2452MHz	Pass	AV	2.484G	53.80	54.00	-0.20	31.12	3	Vertical	118	1.77	-
2452MHz	Pass	PK	2.3808G	57.89	74.00	-16.11	30.75	3	Vertical	118	1.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4584G	112.74	Inf	-Inf	31.02	3	Vertical	118	1.77	-
2452MHz	Pass	PK	2.483502G	71.68	74.00	-2.32	31.11	3	Vertical	118	1.77	-
2452MHz	Pass	AV	2.376G	44.40	54.00	-9.60	30.72	3	Horizontal	301	1.62	-
2452MHz	Pass	AV	2.4404G	98.72	Inf	-Inf	30.96	3	Horizontal	301	1.62	-
2452MHz	Pass	AV	2.483502G	51.41	54.00	-2.59	31.11	3	Horizontal	301	1.62	-
2452MHz	Pass	PK	2.3872G	59.58	74.00	-14.42	30.76	3	Horizontal	301	1.62	-
2452MHz	Pass	PK	2.4676G	111.72	Inf	-Inf	31.05	3	Horizontal	301	1.62	-
2452MHz	Pass	PK	2.483502G	67.96	74.00	-6.04	31.11	3	Horizontal	301	1.62	-
2452MHz	Pass	AV	4.90394G	30.76	54.00	-23.24	2.26	3	Vertical	257	1.45	-
2452MHz	Pass	PK	4.90352G	43.95	74.00	-30.05	2.26	3	Vertical	257	1.45	-
2452MHz	Pass	AV	4.90394G	32.81	54.00	-21.19	2.26	3	Horizontal	315	1.43	-
2452MHz	Pass	PK	4.904G	42.93	74.00	-31.07	2.26	3	Horizontal	315	1.43	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/06/2018

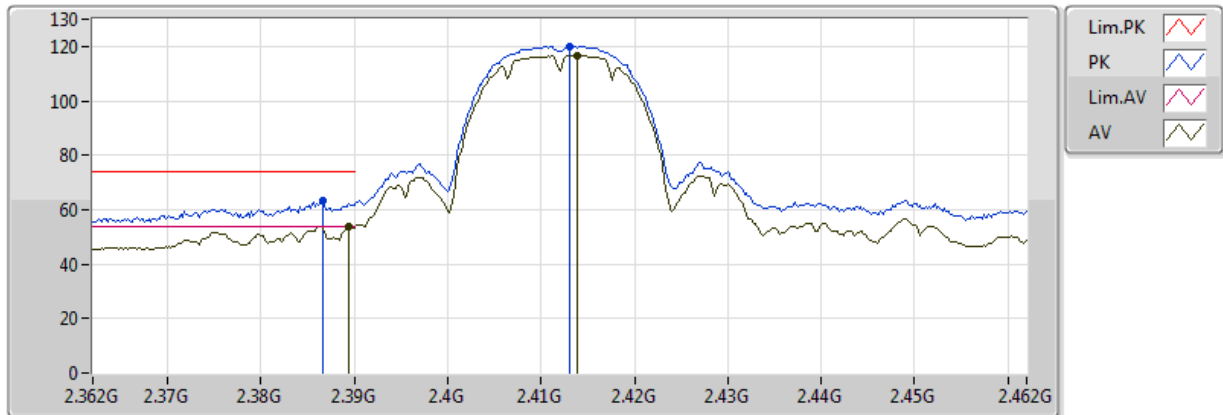


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	53.45	54.00	-0.55	30.38	3	Vertical	38	1.75	-
AV	2.4138G	116.53	Inf	-Inf	30.46	3	Vertical	38	1.75	-
PK	2.3896G	62.42	74.00	-11.58	30.38	3	Vertical	38	1.75	-
PK	2.413G	120.02	Inf	-Inf	30.45	3	Vertical	38	1.75	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/06/2018

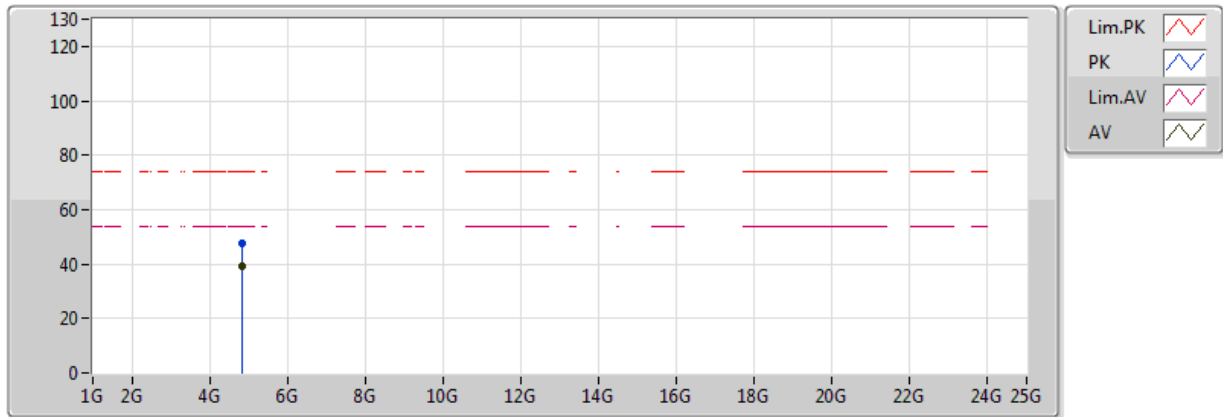


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	53.92	54.00	-0.08	30.37	3	Horizontal	304	1.84	-
AV	2.4138G	116.66	Inf	-Inf	30.46	3	Horizontal	304	1.84	-
PK	2.3866G	63.41	74.00	-10.59	30.37	3	Horizontal	304	1.84	-
PK	2.413G	120.14	Inf	-Inf	30.45	3	Horizontal	304	1.84	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/06/2018

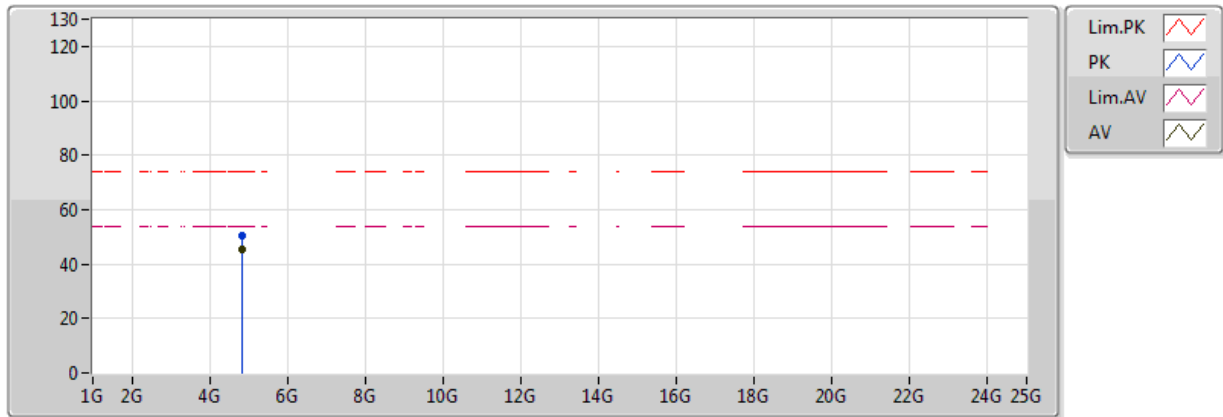


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82392G	38.98	54.00	-15.02	5.83	3	Vertical	172	1.74	-
PK	4.824G	47.42	74.00	-26.58	5.83	3	Vertical	172	1.74	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/06/2018

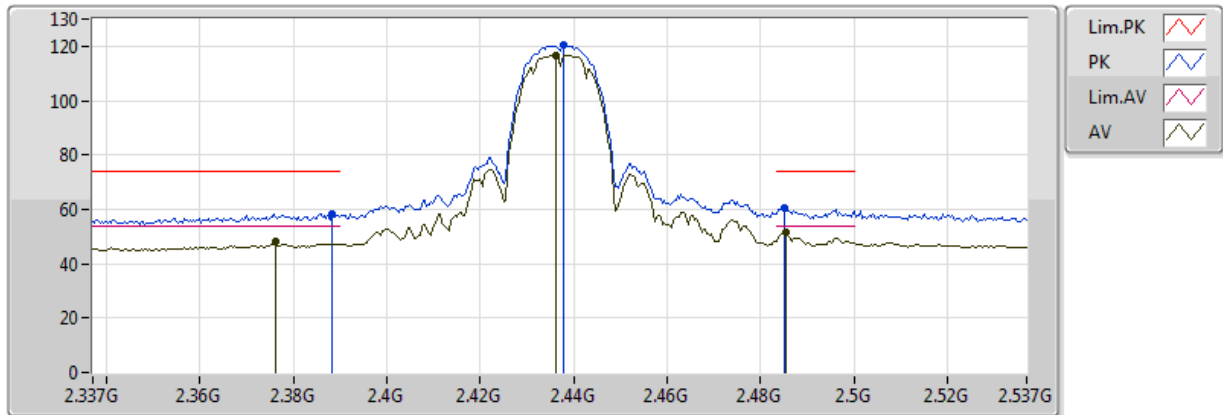


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82396G	45.58	54.00	-8.42	5.83	3	Horizontal	69	1.80	-
PK	4.82396G	50.39	74.00	-23.61	5.83	3	Horizontal	69	1.80	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/06/2018

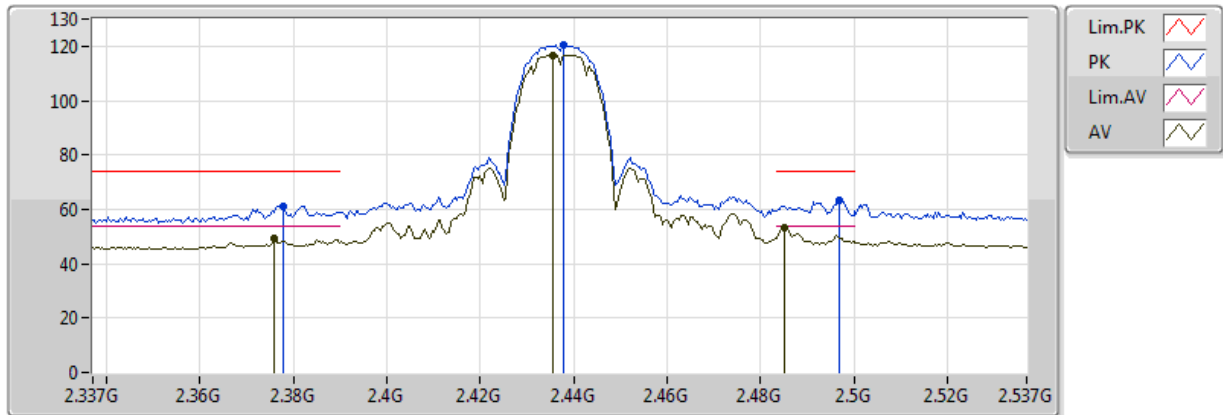


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3762G	48.06	54.00	-5.94	30.33	3	Vertical	36	1.73	-
AV	2.4362G	116.73	Inf	-Inf	30.53	3	Vertical	36	1.73	-
AV	2.4854G	51.31	54.00	-2.69	30.70	3	Vertical	36	1.73	-
PK	2.3882G	58.49	74.00	-15.51	30.37	3	Vertical	36	1.73	-
PK	2.4378G	120.25	Inf	-Inf	30.54	3	Vertical	36	1.73	-
PK	2.485G	60.58	74.00	-13.42	30.69	3	Vertical	36	1.73	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/06/2018

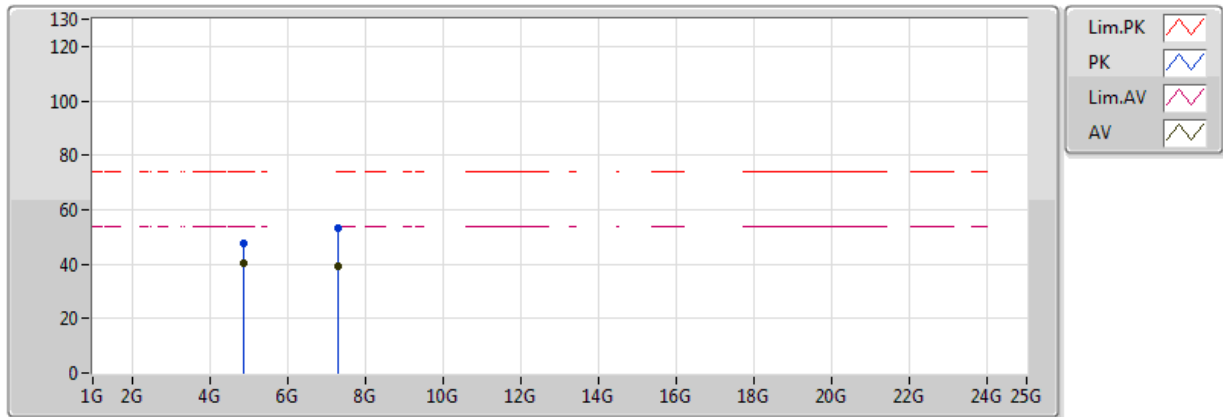


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3758G	49.46	54.00	-4.54	30.33	3	Horizontal	284	2.02	-
AV	2.4354G	116.80	Inf	-Inf	30.53	3	Horizontal	284	2.02	-
AV	2.485G	53.31	54.00	-0.69	30.69	3	Horizontal	284	2.02	-
PK	2.3778G	61.27	74.00	-12.73	30.34	3	Horizontal	284	2.02	-
PK	2.4378G	120.35	Inf	-Inf	30.54	3	Horizontal	284	2.02	-
PK	2.497G	63.14	74.00	-10.86	30.74	3	Horizontal	284	2.02	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/06/2018

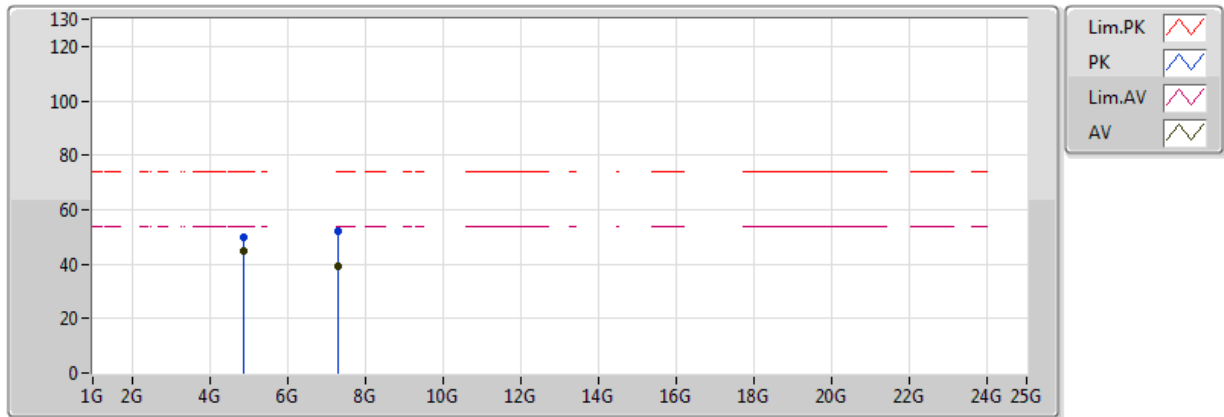


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87396G	40.17	54.00	-13.83	5.94	3	Vertical	220	1.35	-
AV	7.31466G	39.15	54.00	-14.85	11.13	3	Vertical	360	1.50	-
PK	4.87404G	47.67	74.00	-26.33	5.94	3	Vertical	220	1.35	-
PK	7.31742G	53.05	74.00	-20.95	11.14	3	Vertical	360	1.50	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/06/2018

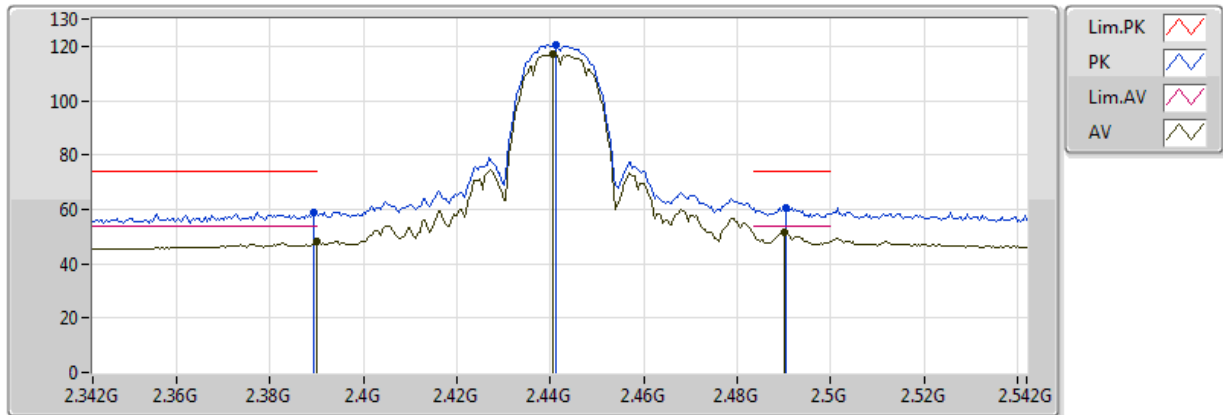


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.8739G	44.98	54.00	-9.02	5.94	3	Horizontal	306	1.32	-
AV	7.31742G	39.50	54.00	-14.50	11.14	3	Horizontal	0	1.50	-
PK	4.87392G	50.15	74.00	-23.85	5.94	3	Horizontal	306	1.32	-
PK	7.31742G	52.02	74.00	-21.98	11.14	3	Horizontal	0	1.50	-

802.11b_Nss1,(1Mbps)_4TX

2442MHz_TX

12/06/2018

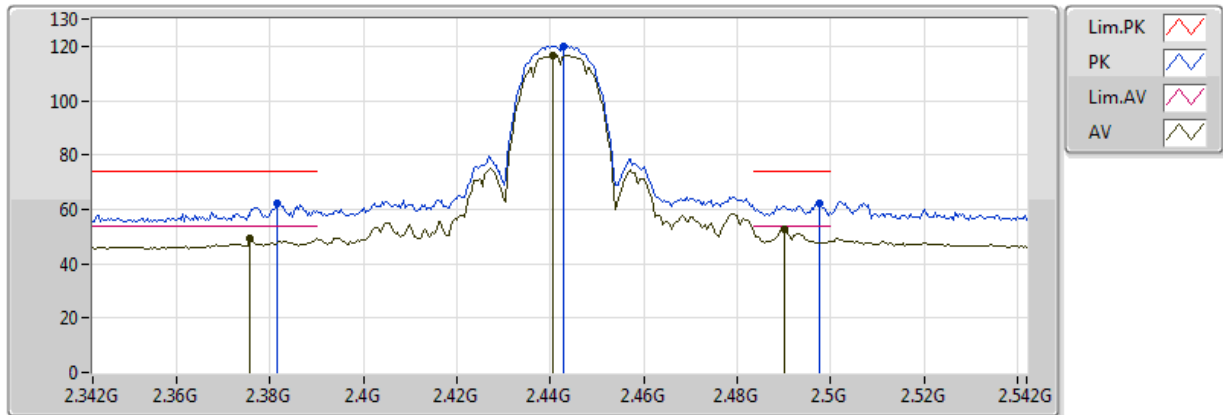


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.07	54.00	-5.93	30.38	3	Vertical	38	1.75	-
AV	2.4404G	116.86	Inf	-Inf	30.55	3	Vertical	38	1.75	-
AV	2.49G	51.76	54.00	-2.24	30.72	3	Vertical	38	1.75	-
PK	2.3892G	58.79	74.00	-15.21	30.37	3	Vertical	38	1.75	-
PK	2.4412G	120.33	Inf	-Inf	30.55	3	Vertical	38	1.75	-
PK	2.4904G	60.35	74.00	-13.65	30.72	3	Vertical	38	1.75	-

802.11b_Nss1,(1Mbps)_4TX

2442MHz_TX

12/06/2018

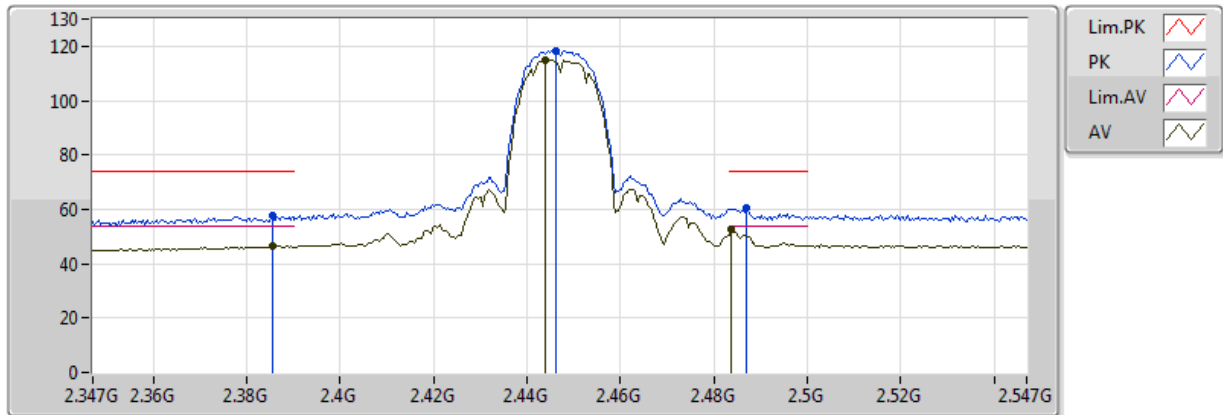


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3756G	49.57	54.00	-4.43	30.33	3	Horizontal	281	2.04	-
AV	2.4404G	116.48	Inf	-Inf	30.55	3	Horizontal	281	2.04	-
AV	2.49G	52.74	54.00	-1.26	30.72	3	Horizontal	281	2.04	-
PK	2.3816G	62.18	74.00	-11.82	30.35	3	Horizontal	281	2.04	-
PK	2.4428G	120.10	Inf	-Inf	30.56	3	Horizontal	281	2.04	-
PK	2.4976G	62.19	74.00	-11.81	30.74	3	Horizontal	281	2.04	-

802.11b_Nss1,(1Mbps)_4TX

2447MHz_TX

12/06/2018

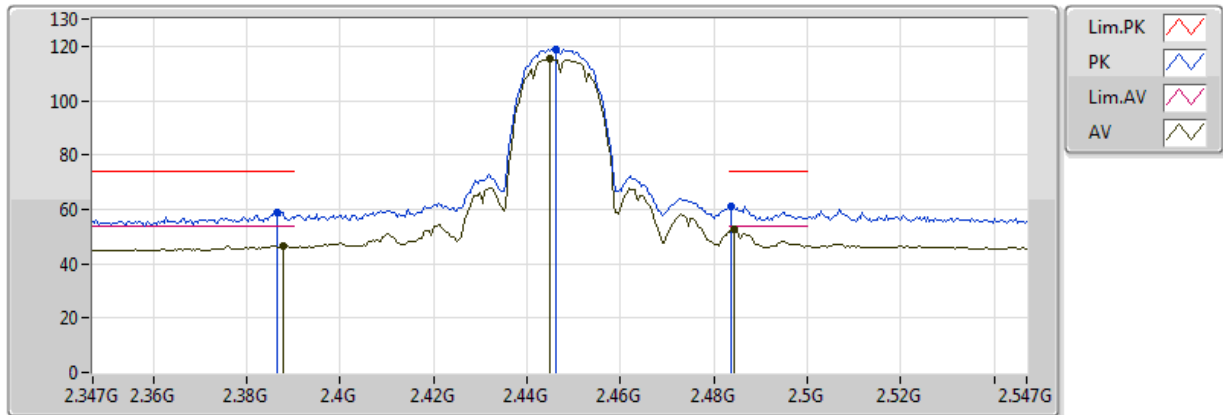


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3854G	46.55	54.00	-7.45	30.36	3	Vertical	118	2.02	-
AV	2.4438G	114.84	Inf	-Inf	30.56	3	Vertical	118	2.02	-
AV	2.4838G	52.44	54.00	-1.56	30.69	3	Vertical	118	2.02	-
PK	2.3854G	57.45	74.00	-16.55	30.36	3	Vertical	118	2.02	-
PK	2.4462G	118.12	Inf	-Inf	30.57	3	Vertical	118	2.02	-
PK	2.487G	60.33	74.00	-13.67	30.71	3	Vertical	118	2.02	-

802.11b_Nss1,(1Mbps)_4TX

2447MHz_TX

12/06/2018

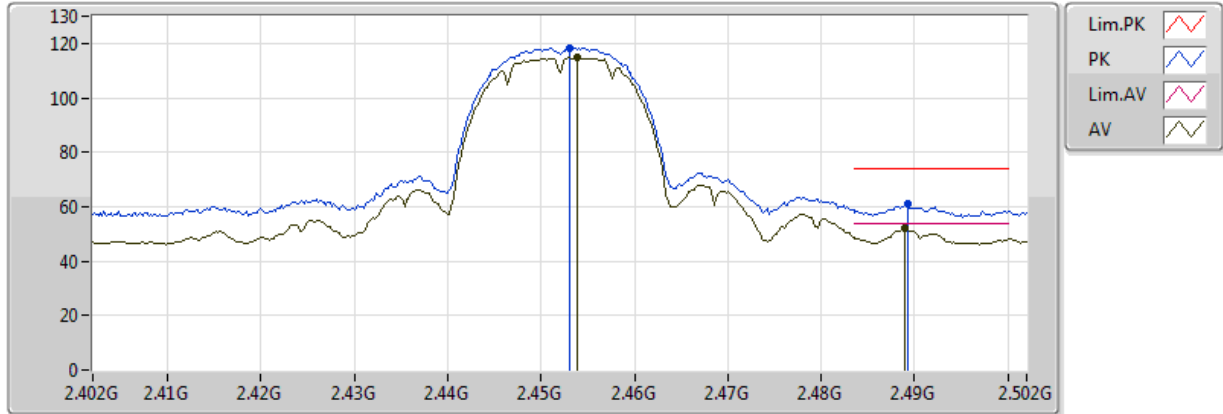


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3878G	46.71	54.00	-7.29	30.37	3	Horizontal	300	2.05	-
AV	2.445G	115.45	Inf	-Inf	30.56	3	Horizontal	300	2.05	-
AV	2.4842G	52.71	54.00	-1.29	30.69	3	Horizontal	300	2.05	-
PK	2.3866G	58.96	74.00	-15.04	30.37	3	Horizontal	300	2.05	-
PK	2.4462G	118.66	Inf	-Inf	30.57	3	Horizontal	300	2.05	-
PK	2.4838G	60.96	74.00	-13.04	30.69	3	Horizontal	300	2.05	-

802.11b_Nss1,(1Mbps)_4TX

2452MHz_TX

12/06/2018

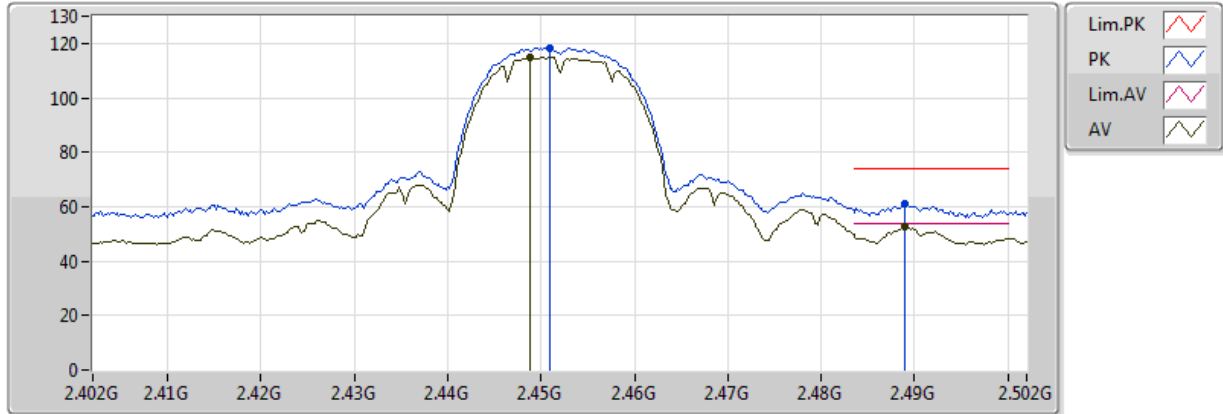


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4538G	114.90	Inf	-Inf	30.59	3	Vertical	117	1.80	-
AV	2.489G	52.08	54.00	-1.92	30.71	3	Vertical	117	1.80	-
PK	2.453G	118.34	Inf	-Inf	30.59	3	Vertical	117	1.80	-
PK	2.4892G	61.01	74.00	-12.99	30.71	3	Vertical	117	1.80	-

802.11b_Nss1,(1Mbps)_4TX

2452MHz_TX

12/06/2018

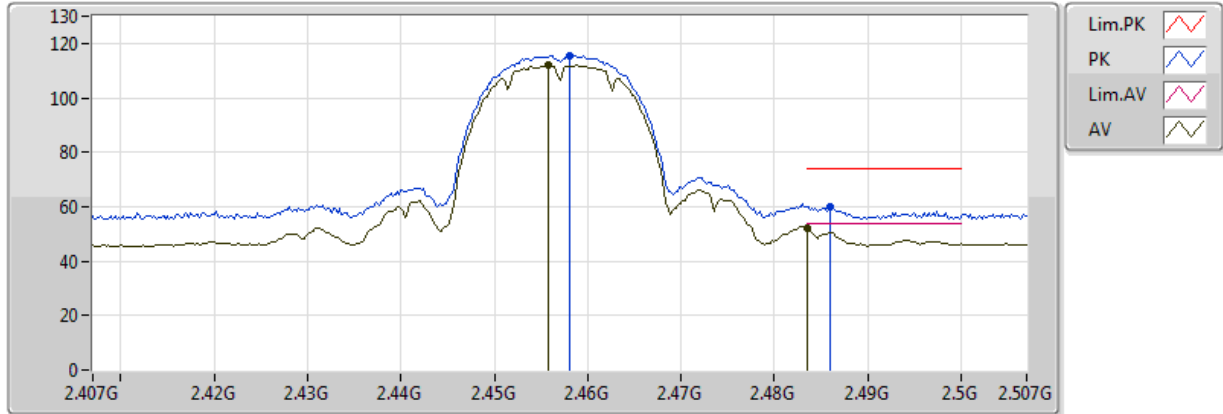


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4488G	114.80	Inf	-Inf	30.58	3	Horizontal	297	2.05	-
AV	2.489G	52.76	54.00	-1.24	30.71	3	Horizontal	297	2.05	-
PK	2.451G	118.23	Inf	-Inf	30.58	3	Horizontal	297	2.05	-
PK	2.489G	61.23	74.00	-12.77	30.71	3	Horizontal	297	2.05	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

12/06/2018

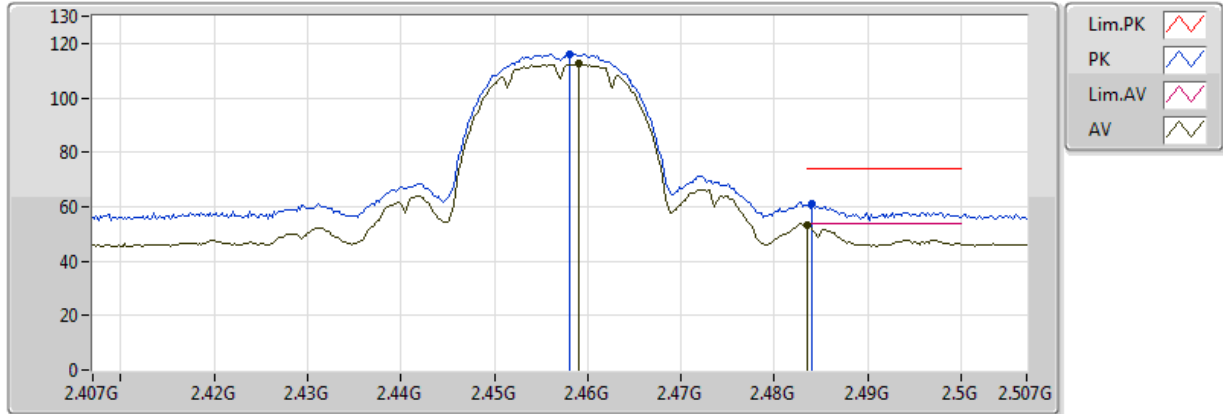


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4558G	112.25	Inf	-Inf	30.60	3	Vertical	120	1.81	-
AV	2.483502G	51.94	54.00	-2.06	30.69	3	Vertical	120	1.81	-
PK	2.458G	115.55	Inf	-Inf	30.61	3	Vertical	120	1.81	-
PK	2.486G	59.84	74.00	-14.16	30.71	3	Vertical	120	1.81	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

12/06/2018

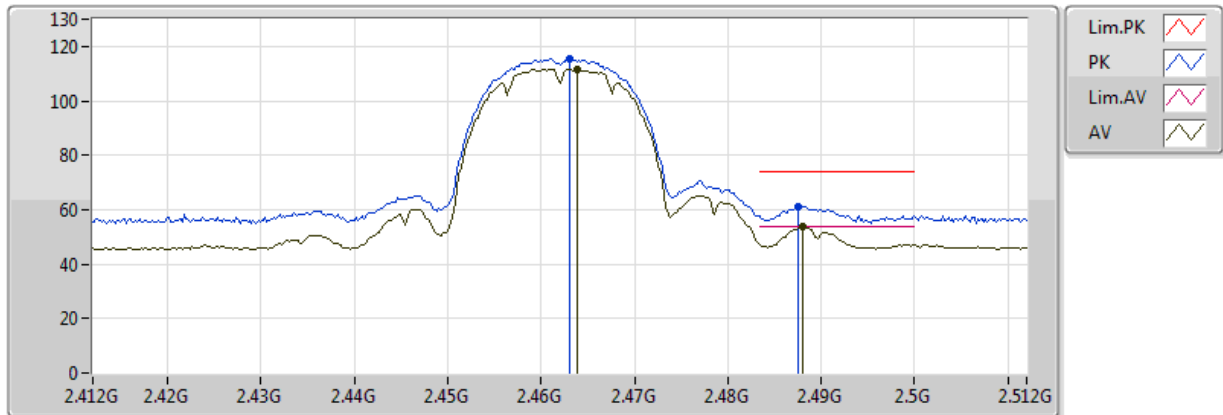


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.459G	112.63	Inf	-Inf	30.61	3	Horizontal	288	1.84	-
AV	2.483502G	53.20	54.00	-0.80	30.69	3	Horizontal	288	1.84	-
PK	2.458G	115.98	Inf	-Inf	30.61	3	Horizontal	288	1.84	-
PK	2.484G	60.82	74.00	-13.18	30.69	3	Horizontal	288	1.84	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/06/2018

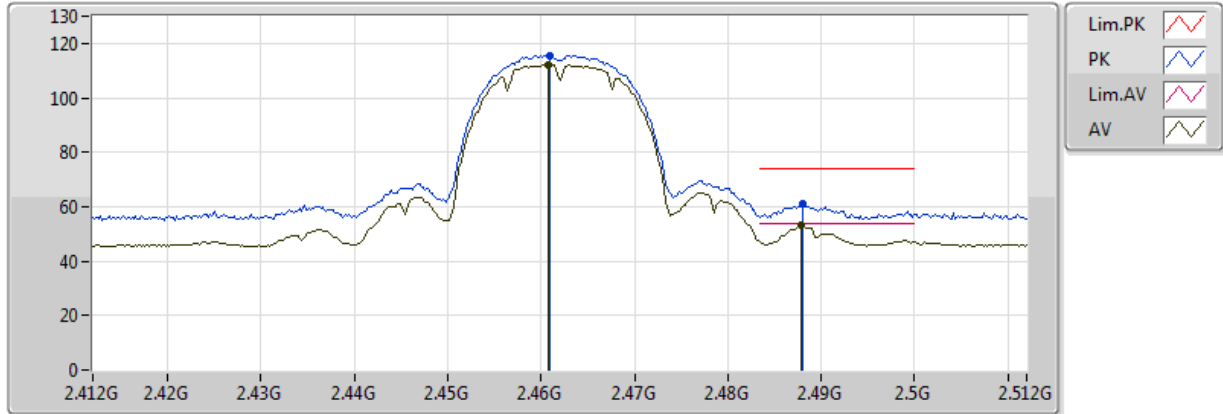


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4638G	111.75	Inf	-Inf	30.63	3	Vertical	39	1.66	-
AV	2.488G	53.73	54.00	-0.27	30.71	3	Vertical	39	1.66	-
PK	2.463G	115.32	Inf	-Inf	30.62	3	Vertical	39	1.66	-
PK	2.4876G	61.08	74.00	-12.92	30.71	3	Vertical	39	1.66	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/06/2018

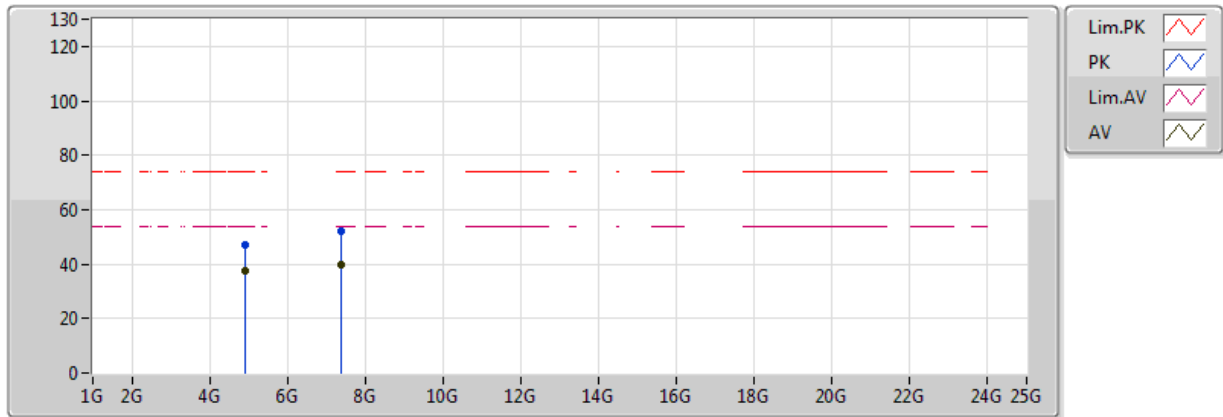


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4608G	112.26	Inf	-Inf	30.62	3	Horizontal	294	1.82	-
AV	2.4878G	53.02	54.00	-0.98	30.71	3	Horizontal	294	1.82	-
PK	2.461G	115.65	Inf	-Inf	30.62	3	Horizontal	294	1.82	-
PK	2.488G	61.03	74.00	-12.97	30.71	3	Horizontal	294	1.82	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/06/2018

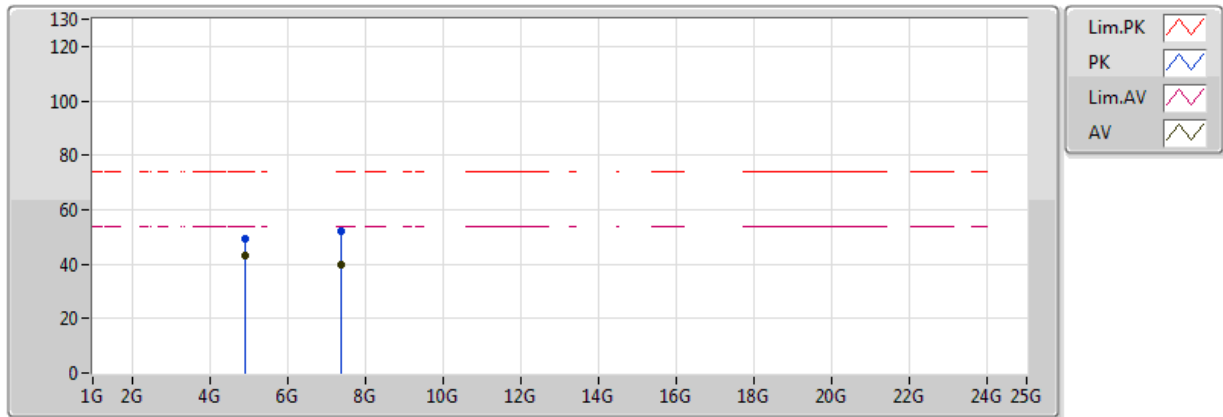


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92394G	37.44	54.00	-16.56	6.04	3	Vertical	246	1.17	-
AV	7.37886G	39.79	54.00	-14.21	11.31	3	Vertical	360	1.50	-
PK	4.92394G	47.06	74.00	-26.94	6.04	3	Vertical	246	1.17	-
PK	7.38294G	51.96	74.00	-22.04	11.32	3	Vertical	360	1.50	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/06/2018

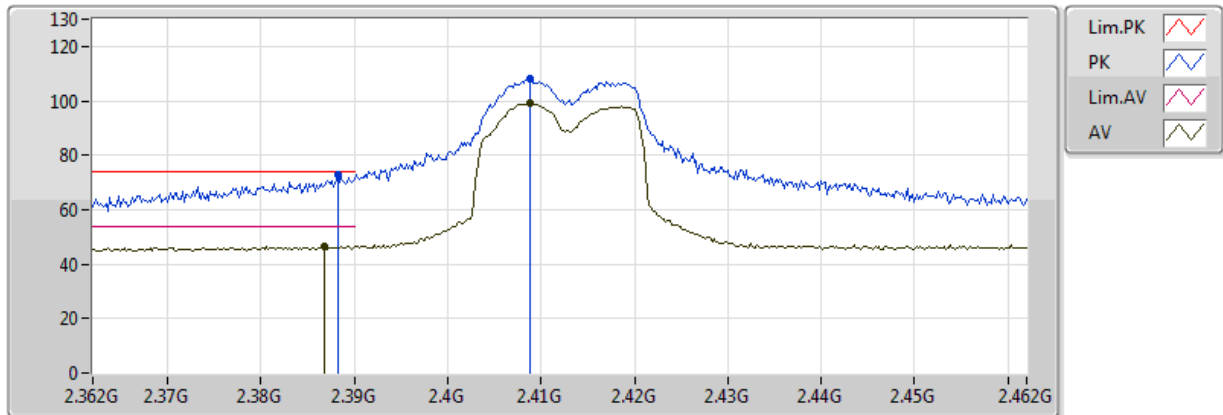


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92396G	42.89	54.00	-11.11	6.04	3	Horizontal	309	1.36	-
AV	7.38168G	39.69	54.00	-14.31	11.32	3	Horizontal	0	1.50	-
PK	4.92376G	49.28	74.00	-24.72	6.04	3	Horizontal	309	1.36	-
PK	7.37298G	52.09	74.00	-21.91	11.29	3	Horizontal	0	1.50	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/06/2018

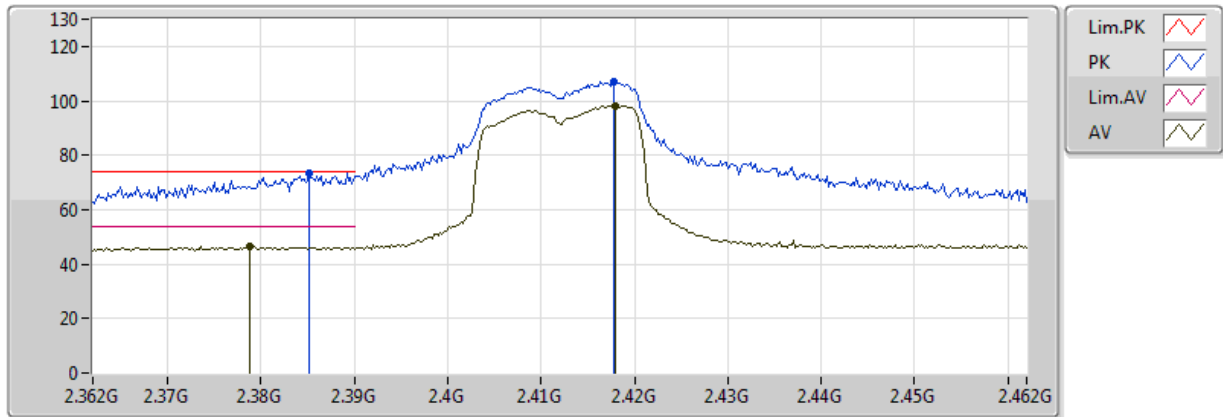


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3868G	46.58	54.00	-7.42	30.76	3	Vertical	62	2.03	-
AV	2.4088G	99.20	Inf	-Inf	30.84	3	Vertical	62	2.03	-
PK	2.3882G	72.92	74.00	-1.08	30.77	3	Vertical	62	2.03	-
PK	2.4088G	108.12	Inf	-Inf	30.84	3	Vertical	62	2.03	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/06/2018

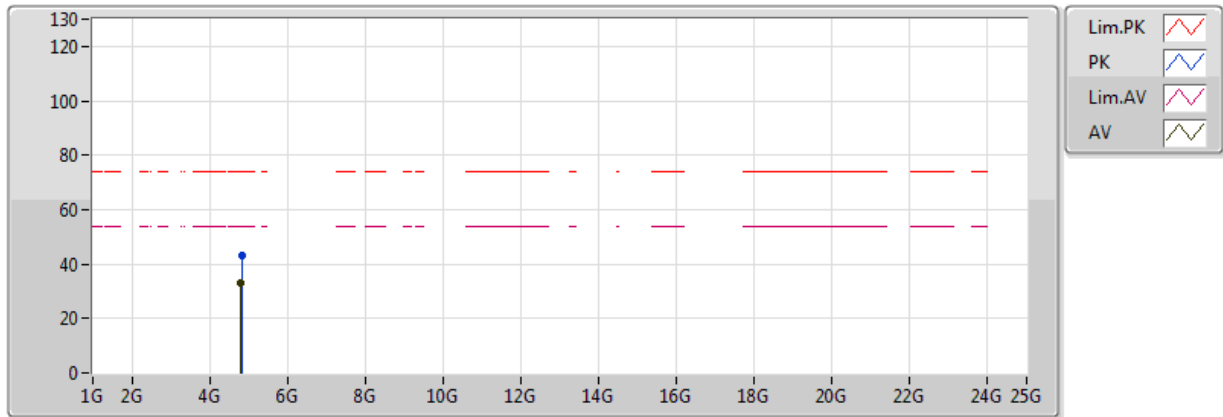


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3788G	46.69	54.00	-7.31	30.74	3	Horizontal	265	2.08	-
AV	2.418G	98.15	Inf	-Inf	30.87	3	Horizontal	265	2.08	-
PK	2.3852G	73.31	74.00	-0.69	30.76	3	Horizontal	265	2.08	-
PK	2.4178G	107.03	Inf	-Inf	30.87	3	Horizontal	265	2.08	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/06/2018

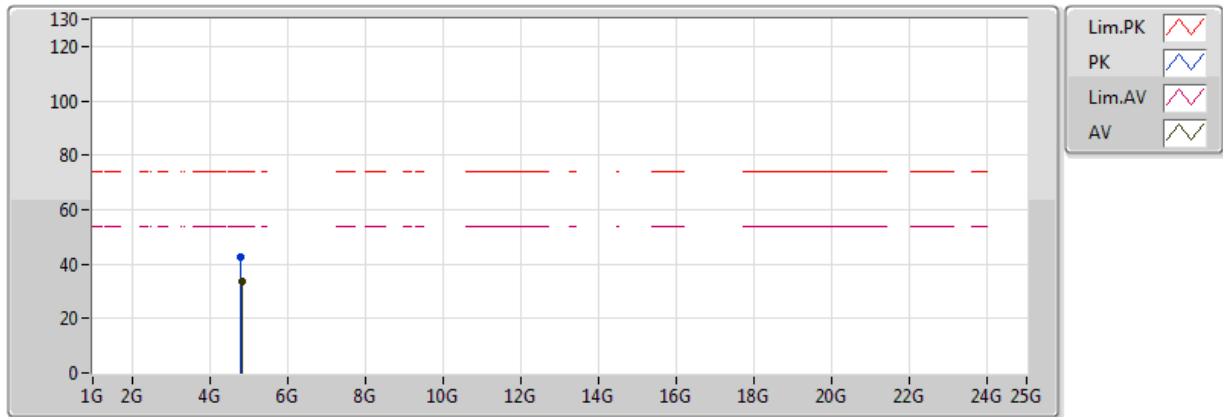


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81638G	33.10	54.00	-20.90	2.07	3	Vertical	359	1.50	-
PK	4.83816G	43.34	74.00	-30.66	2.12	3	Vertical	359	1.50	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/06/2018

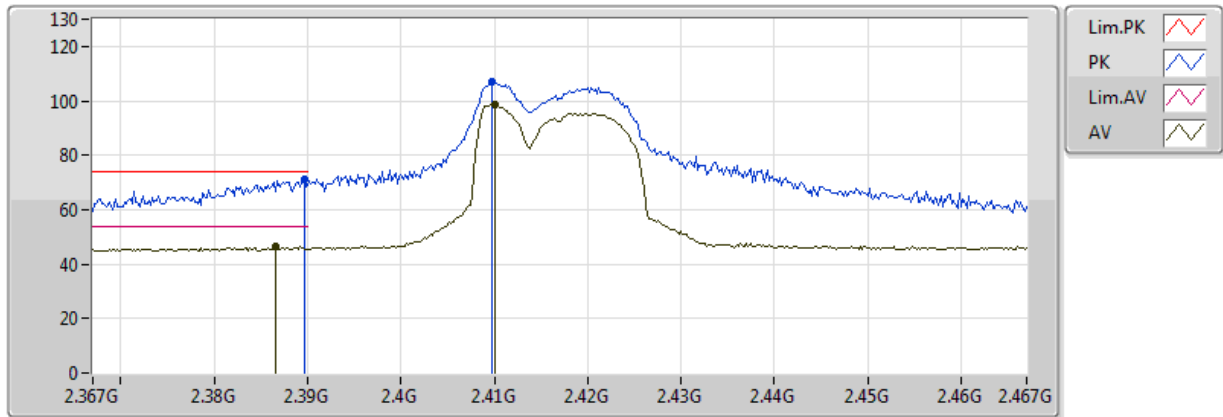


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	33.85	54.00	-20.15	2.09	3	Horizontal	312	3.16	-
PK	4.81572G	42.65	74.00	-31.35	2.07	3	Horizontal	312	3.16	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/06/2018

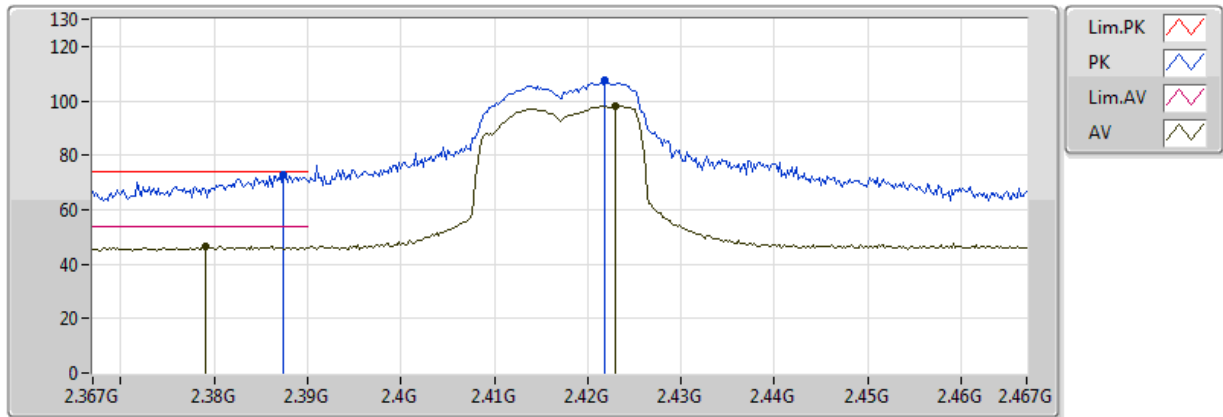


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3866G	46.32	54.00	-7.68	30.76	3	Vertical	13	1.38	-
AV	2.41G	98.56	Inf	-Inf	30.85	3	Vertical	13	1.38	-
PK	2.3896G	70.93	74.00	-3.07	30.77	3	Vertical	13	1.38	-
PK	2.4098G	106.83	Inf	-Inf	30.85	3	Vertical	13	1.38	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/06/2018

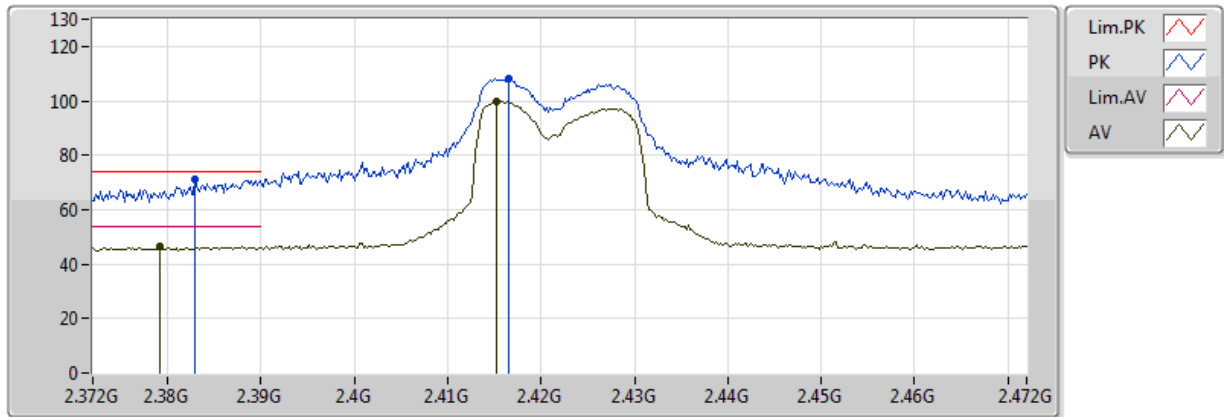


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.379G	46.45	54.00	-7.55	30.74	3	Horizontal	272	2.10	-
AV	2.423G	98.26	Inf	-Inf	30.89	3	Horizontal	272	2.10	-
PK	2.3874G	73.03	74.00	-0.97	30.76	3	Horizontal	272	2.10	-
PK	2.4218G	107.43	Inf	-Inf	30.89	3	Horizontal	272	2.10	-

802.11g_Nss1,(6Mbps)_4TX

2422MHz_TX

12/06/2018

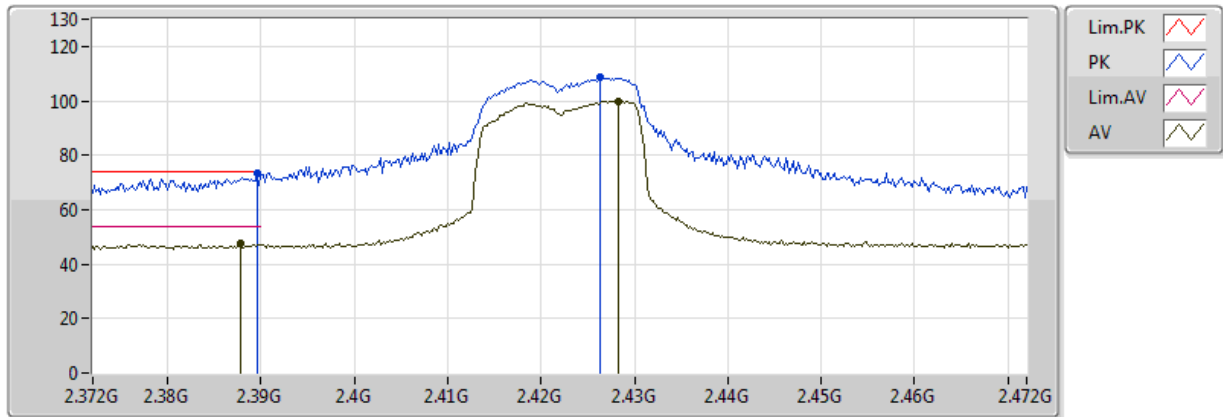


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3792G	46.44	54.00	-7.56	30.74	3	Vertical	359	1.78	-
AV	2.4152G	99.62	Inf	-Inf	30.86	3	Vertical	359	1.78	-
PK	2.383G	71.14	74.00	-2.86	30.75	3	Vertical	359	1.78	-
PK	2.4166G	108.16	Inf	-Inf	30.87	3	Vertical	359	1.78	-

802.11g_Nss1,(6Mbps)_4TX

2422MHz_TX

12/06/2018

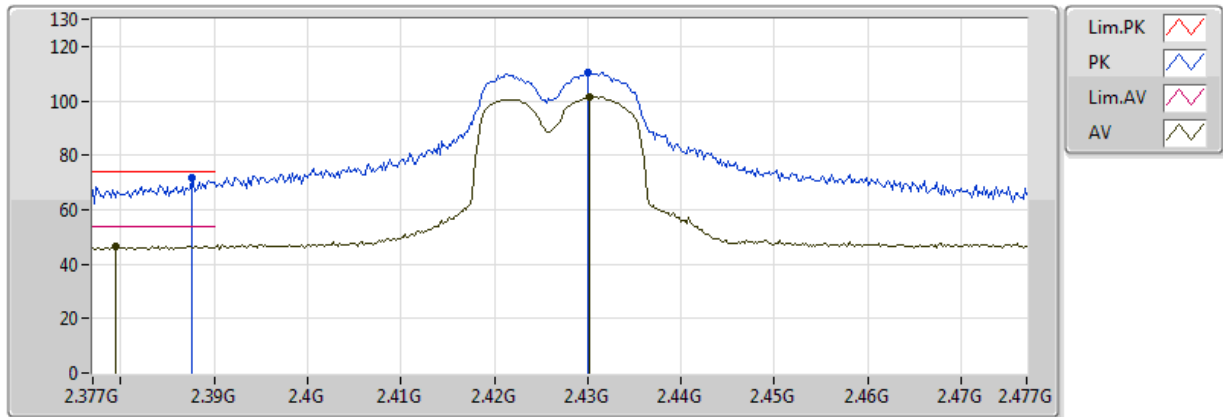


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3878G	47.49	54.00	-6.51	30.77	3	Horizontal	265	2.10	-
AV	2.4282G	99.91	Inf	-Inf	30.91	3	Horizontal	265	2.10	-
PK	2.3896G	73.38	74.00	-0.62	30.77	3	Horizontal	265	2.10	-
PK	2.4264G	108.66	Inf	-Inf	30.91	3	Horizontal	265	2.10	-

802.11g_Nss1,(6Mbps)_4TX

2427MHz_TX

12/06/2018

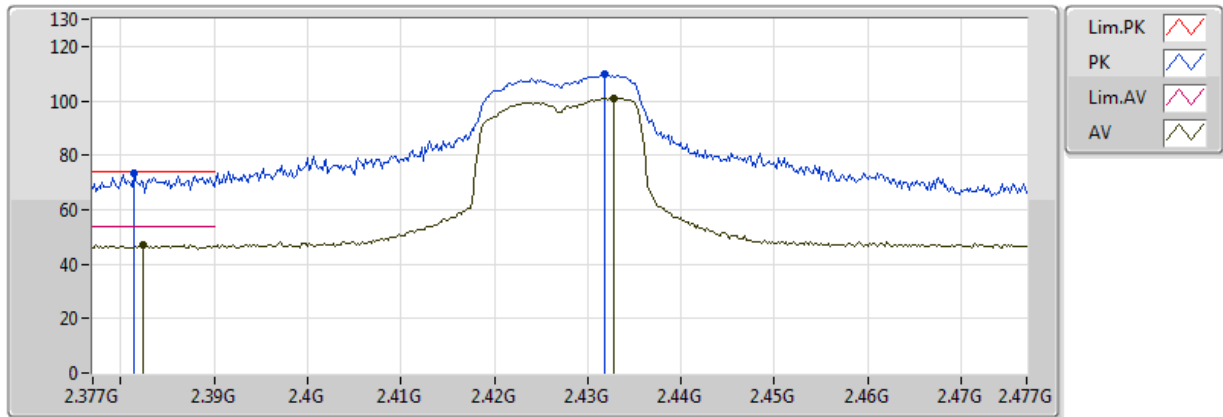


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3794G	46.62	54.00	-7.38	30.74	3	Vertical	75	2.20	-
AV	2.4302G	101.64	Inf	-Inf	30.92	3	Vertical	75	2.20	-
PK	2.3876G	71.51	74.00	-2.49	30.77	3	Vertical	75	2.20	-
PK	2.43G	110.50	Inf	-Inf	30.92	3	Vertical	75	2.20	-

802.11g_Nss1,(6Mbps)_4TX

2427MHz_TX

12/06/2018

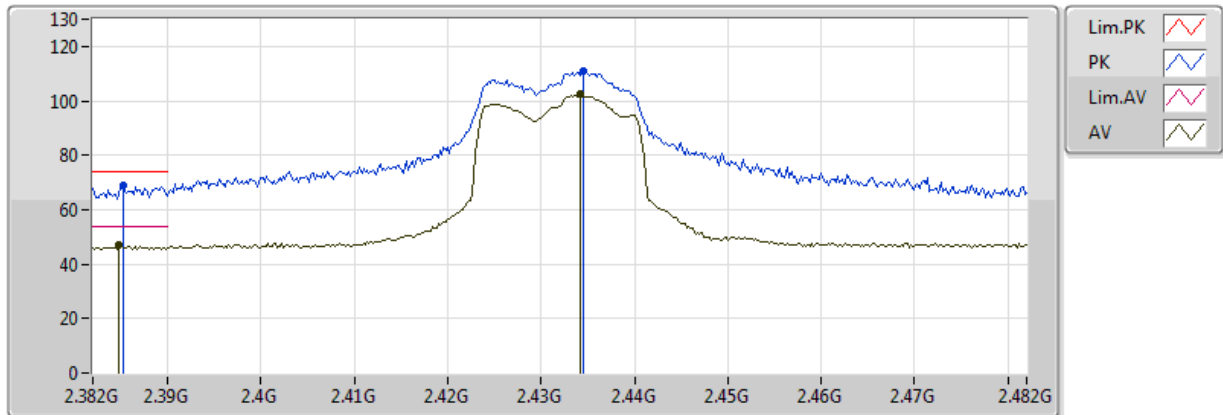


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3824G	47.24	54.00	-6.76	30.75	3	Horizontal	266	2.11	-
AV	2.4328G	100.94	Inf	-Inf	30.93	3	Horizontal	266	2.11	-
PK	2.3814G	73.30	74.00	-0.70	30.75	3	Horizontal	266	2.11	-
PK	2.4318G	109.55	Inf	-Inf	30.92	3	Horizontal	266	2.11	-

802.11g_Nss1,(6Mbps)_4TX

2432MHz_TX

12/06/2018

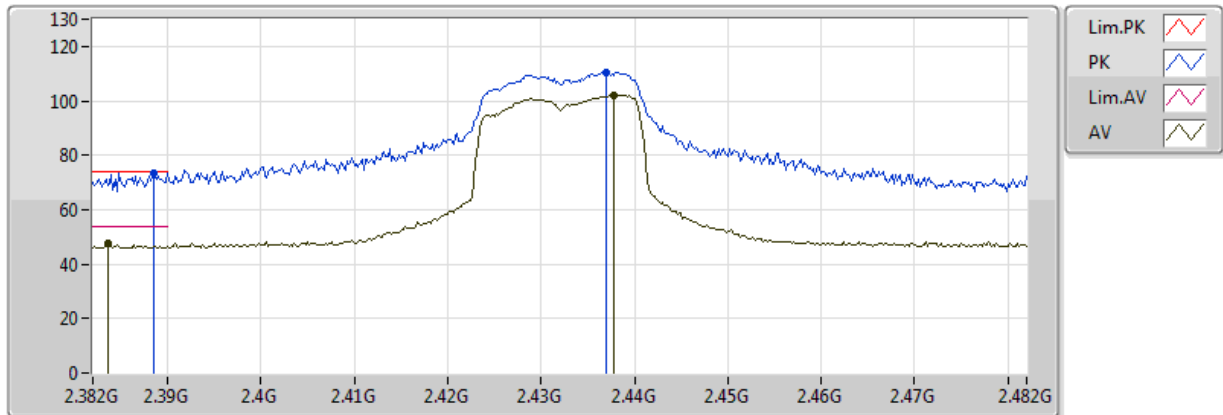


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3848G	47.08	54.00	-6.92	30.76	3	Vertical	88	1.50	-
AV	2.4342G	102.37	Inf	-Inf	30.93	3	Vertical	88	1.50	-
PK	2.3852G	68.73	74.00	-5.27	30.76	3	Vertical	88	1.50	-
PK	2.4346G	110.67	Inf	-Inf	30.93	3	Vertical	88	1.50	-

802.11g_Nss1,(6Mbps)_4TX

2432MHz_TX

12/06/2018

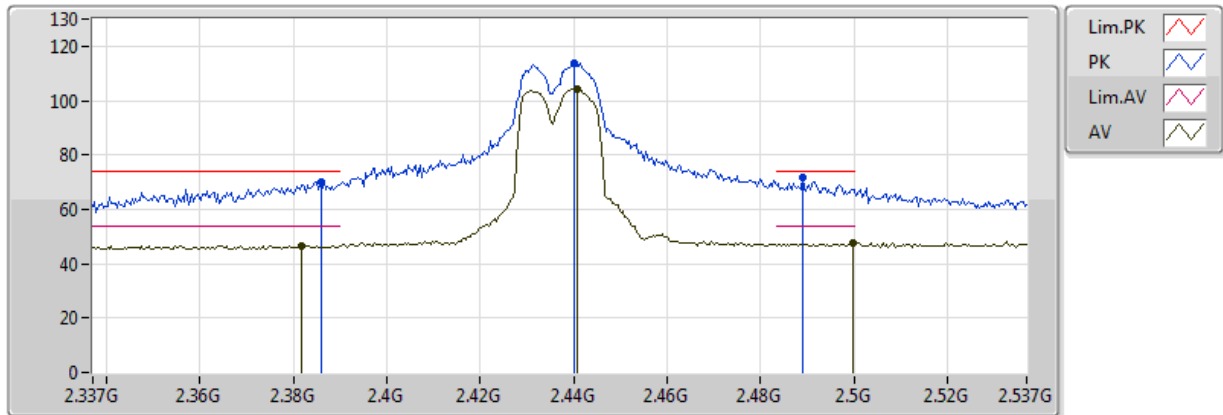


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3836G	47.72	54.00	-6.28	30.75	3	Horizontal	266	1.88	-
AV	2.4378G	101.99	Inf	-Inf	30.95	3	Horizontal	266	1.88	-
PK	2.3886G	73.45	74.00	-0.55	30.77	3	Horizontal	266	1.88	-
PK	2.437G	110.47	Inf	-Inf	30.94	3	Horizontal	266	1.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/06/2018

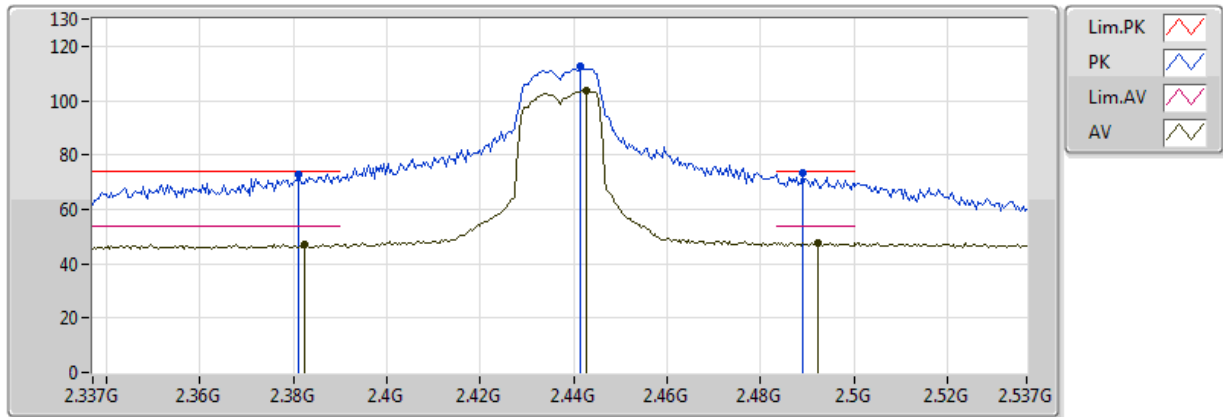


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3818G	46.72	54.00	-7.28	30.75	3	Vertical	85	2.25	-
AV	2.4406G	104.35	Inf	-Inf	30.96	3	Vertical	85	2.25	-
AV	2.4998G	47.43	54.00	-6.57	31.17	3	Vertical	85	2.25	-
PK	2.3858G	70.29	74.00	-3.71	30.76	3	Vertical	85	2.25	-
PK	2.4402G	113.88	Inf	-Inf	30.95	3	Vertical	85	2.25	-
PK	2.489G	71.82	74.00	-2.18	31.13	3	Vertical	85	2.25	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/06/2018

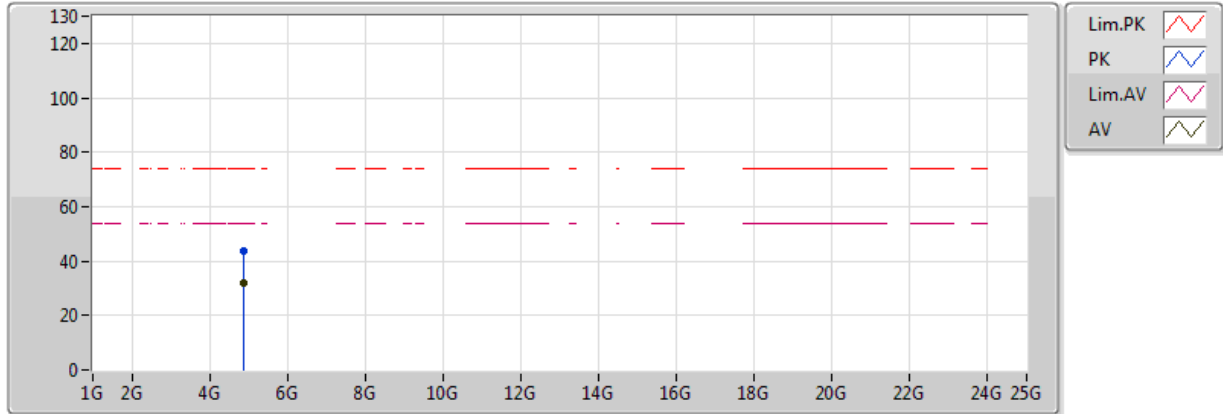


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3822G	47.22	54.00	-6.78	30.75	3	Horizontal	271	1.85	-
AV	2.4426G	103.56	Inf	-Inf	30.96	3	Horizontal	271	1.85	-
AV	2.4922G	47.52	54.00	-6.48	31.14	3	Horizontal	271	1.85	-
PK	2.381G	73.04	74.00	-0.96	30.75	3	Horizontal	271	1.85	-
PK	2.4414G	112.63	Inf	-Inf	30.96	3	Horizontal	271	1.85	-
PK	2.489G	73.16	74.00	-0.84	31.13	3	Horizontal	271	1.85	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/06/2018

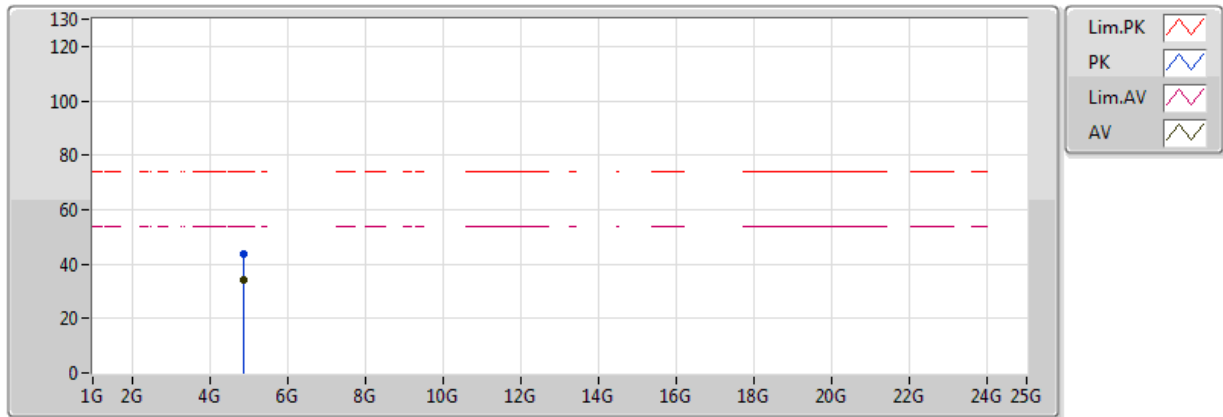


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87412G	31.78	54.00	-22.22	2.19	3	Vertical	253	1.47	-
PK	4.87994G	43.76	74.00	-30.24	2.21	3	Vertical	253	1.47	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/06/2018

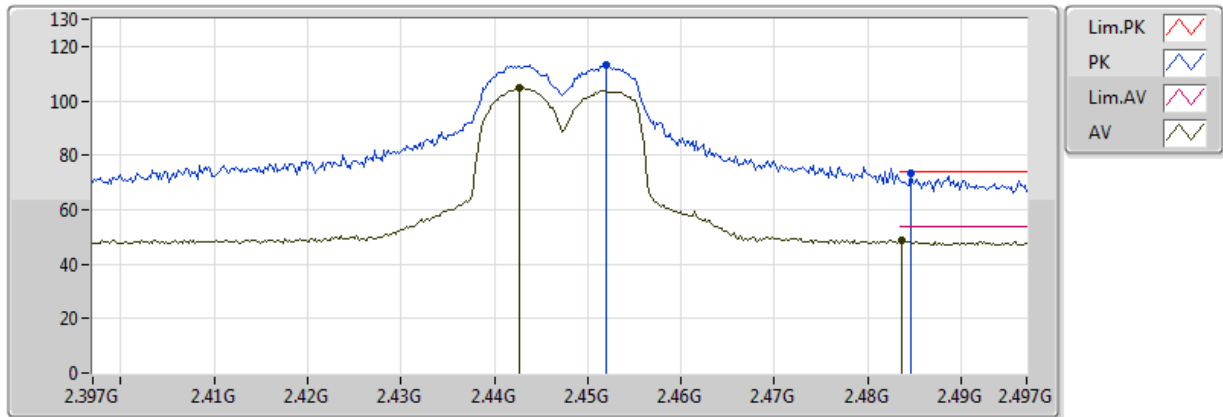


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87388G	34.30	54.00	-19.70	2.19	3	Horizontal	297	2.94	-
PK	4.87388G	43.76	74.00	-30.24	2.19	3	Horizontal	297	2.94	-

802.11g_Nss1,(6Mbps)_4TX

2447MHz_TX

12/06/2018

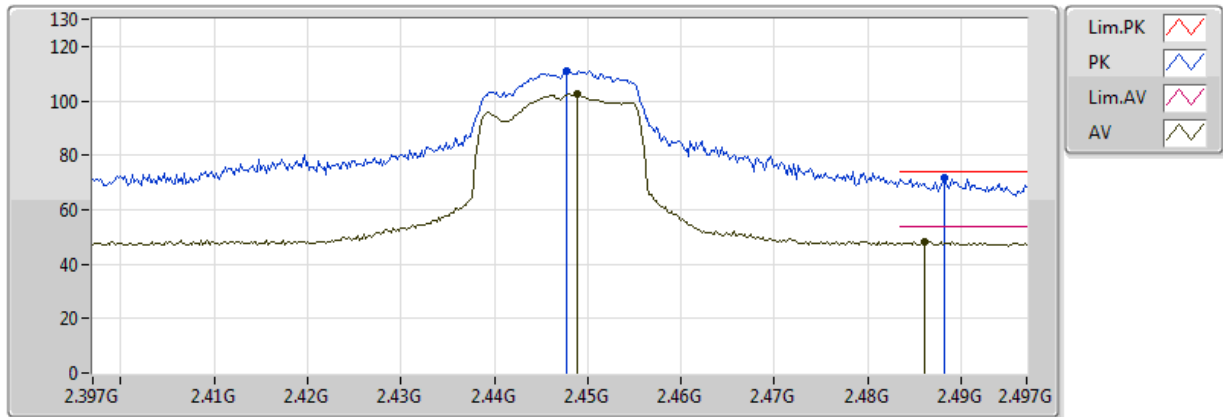


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4426G	104.59	Inf	-Inf	30.96	3	Vertical	55	2.27	-
AV	2.4836G	48.60	54.00	-5.40	31.11	3	Vertical	55	2.27	-
PK	2.452G	113.22	Inf	-Inf	31.00	3	Vertical	55	2.27	-
PK	2.4846G	73.45	74.00	-0.55	31.12	3	Vertical	55	2.27	-

802.11g_Nss1,(6Mbps)_4TX

2447MHz_TX

12/06/2018

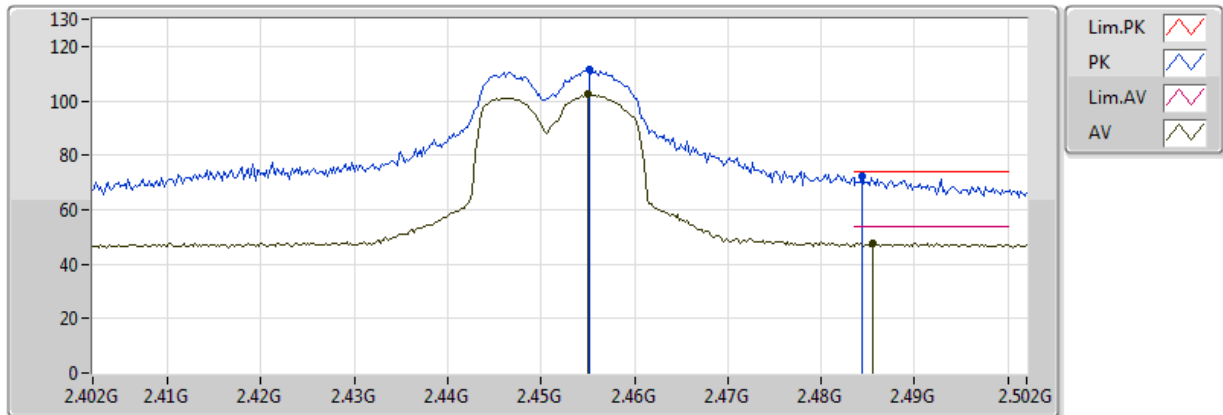


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4488G	102.38	Inf	-Inf	30.99	3	Horizontal	287	1.69	-
AV	2.486G	48.29	54.00	-5.71	31.12	3	Horizontal	287	1.69	-
PK	2.4478G	110.97	Inf	-Inf	30.98	3	Horizontal	287	1.69	-
PK	2.4882G	71.51	74.00	-2.49	31.13	3	Horizontal	287	1.69	-

802.11g_Nss1,(6Mbps)_4TX

2452MHz_TX

12/06/2018

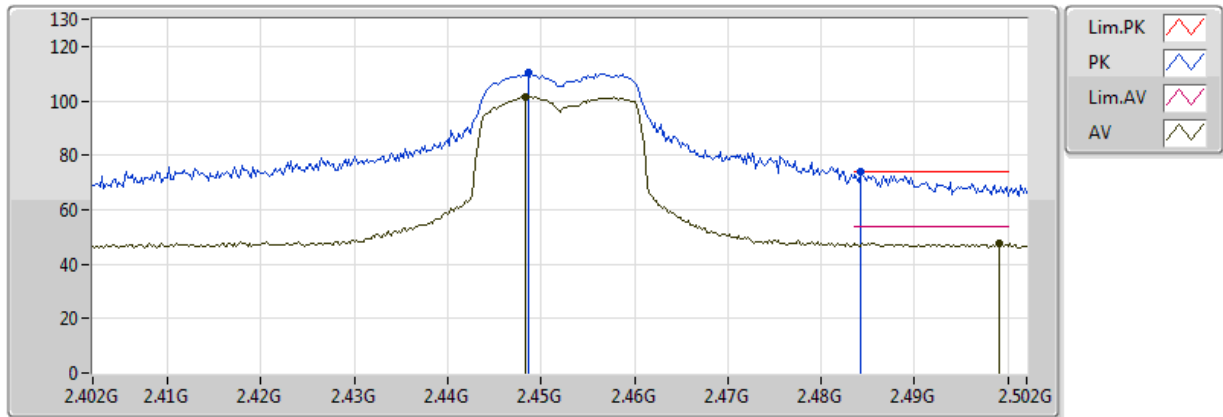


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.455G	102.53	Inf	-Inf	31.01	3	Vertical	71	2.05	-
AV	2.4856G	47.84	54.00	-6.16	31.12	3	Vertical	71	2.05	-
PK	2.4552G	111.31	Inf	-Inf	31.01	3	Vertical	71	2.05	-
PK	2.4844G	72.01	74.00	-1.99	31.12	3	Vertical	71	2.05	-

802.11g_Nss1,(6Mbps)_4TX

2452MHz_TX

12/06/2018

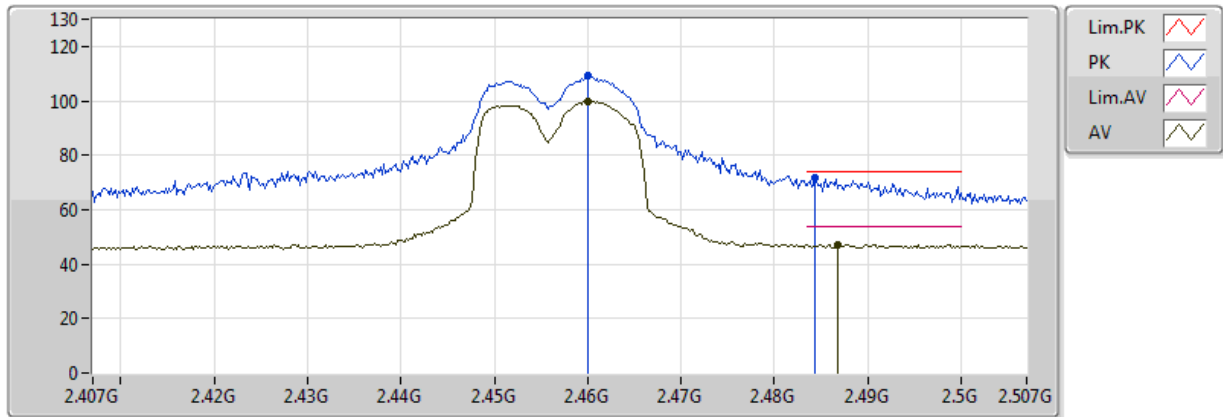


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4484G	101.51	Inf	-Inf	30.98	3	Horizontal	258	2.08	-
AV	2.499G	47.85	54.00	-6.15	31.17	3	Horizontal	258	2.08	-
PK	2.4486G	110.17	Inf	-Inf	30.98	3	Horizontal	258	2.08	-
PK	2.4842G	73.88	74.00	-0.12	31.12	3	Horizontal	258	2.08	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/06/2018

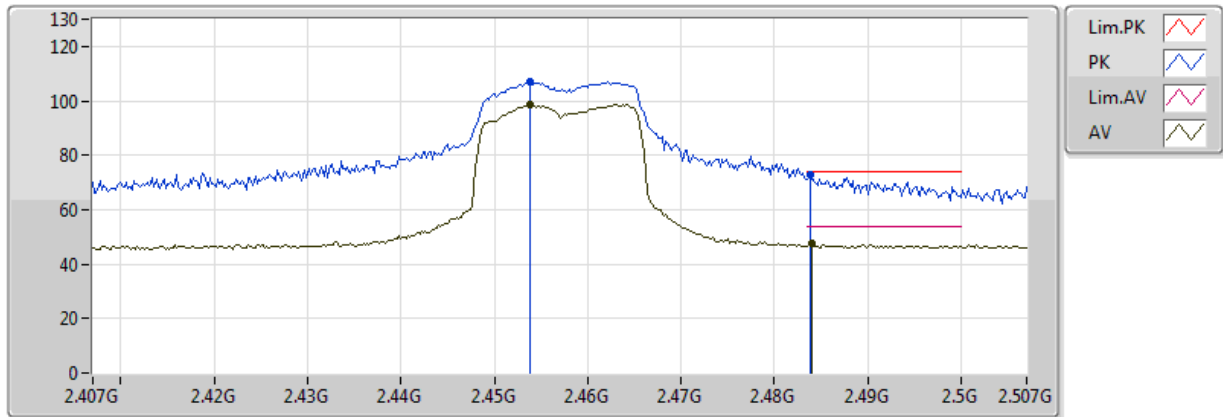


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.46G	99.79	Inf	-Inf	31.03	3	Vertical	73	2.18	-
AV	2.4868G	47.20	54.00	-6.80	31.12	3	Vertical	73	2.18	-
PK	2.46G	109.00	Inf	-Inf	31.03	3	Vertical	73	2.18	-
PK	2.4844G	71.94	74.00	-2.06	31.12	3	Vertical	73	2.18	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/06/2018

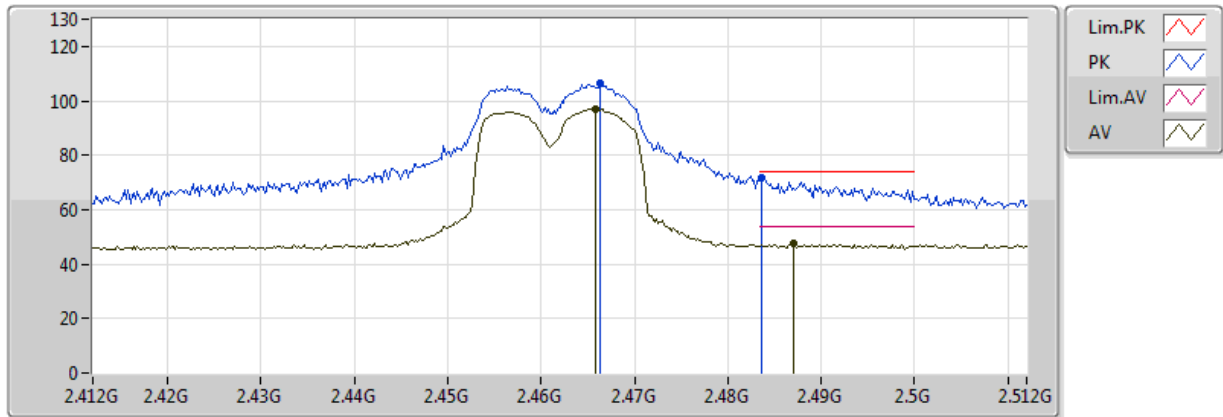


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4538G	98.58	Inf	-Inf	31.00	3	Horizontal	266	1.86	-
AV	2.484G	47.53	54.00	-6.47	31.12	3	Horizontal	266	1.86	-
PK	2.4538G	107.23	Inf	-Inf	31.00	3	Horizontal	266	1.86	-
PK	2.4838G	72.92	74.00	-1.08	31.11	3	Horizontal	266	1.86	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/06/2018

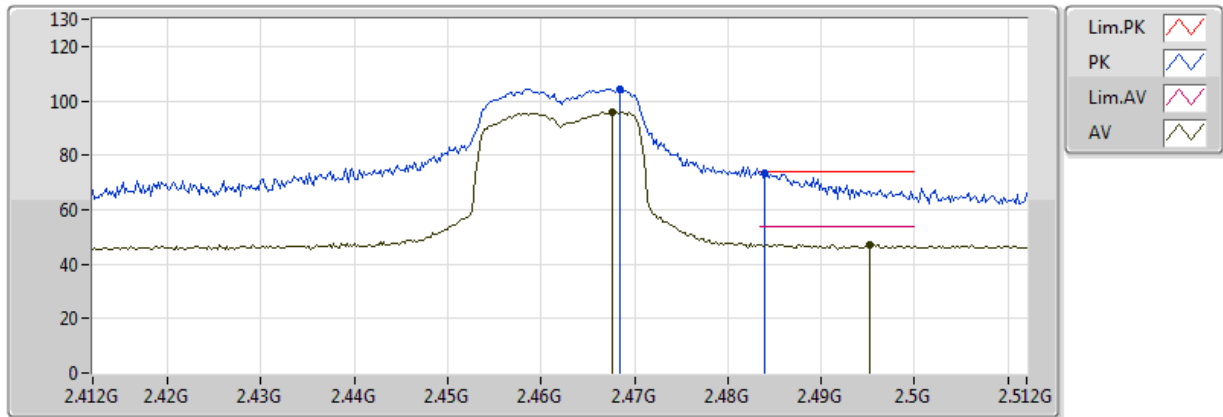


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4658G	97.15	Inf	-Inf	31.05	3	Vertical	78	1.94	-
AV	2.487G	47.49	54.00	-6.51	31.12	3	Vertical	78	1.94	-
PK	2.4664G	106.30	Inf	-Inf	31.05	3	Vertical	78	1.94	-
PK	2.4836G	71.69	74.00	-2.31	31.11	3	Vertical	78	1.94	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/06/2018

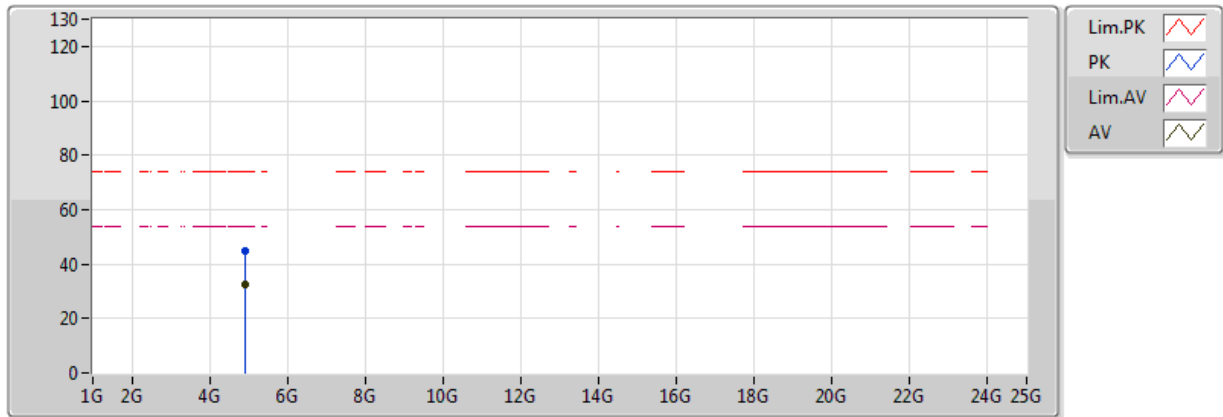


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4676G	95.88	Inf	-Inf	31.05	3	Horizontal	267	1.85	-
AV	2.4952G	47.28	54.00	-6.72	31.16	3	Horizontal	267	1.85	-
PK	2.4684G	104.43	Inf	-Inf	31.06	3	Horizontal	267	1.85	-
PK	2.484G	73.20	74.00	-0.80	31.12	3	Horizontal	267	1.85	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/06/2018

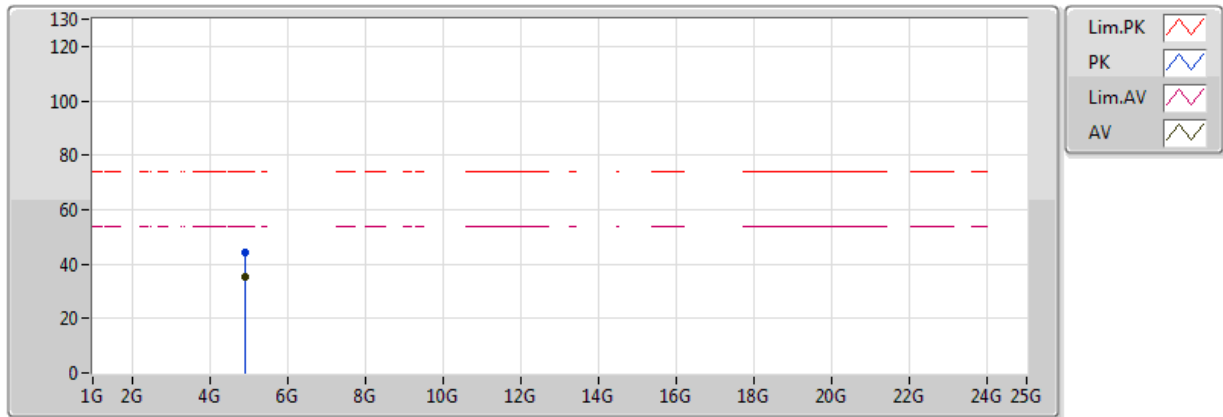


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92784G	32.65	54.00	-21.35	2.31	3	Vertical	354	1.50	-
PK	4.93372G	44.71	74.00	-29.29	2.32	3	Vertical	354	1.50	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/06/2018

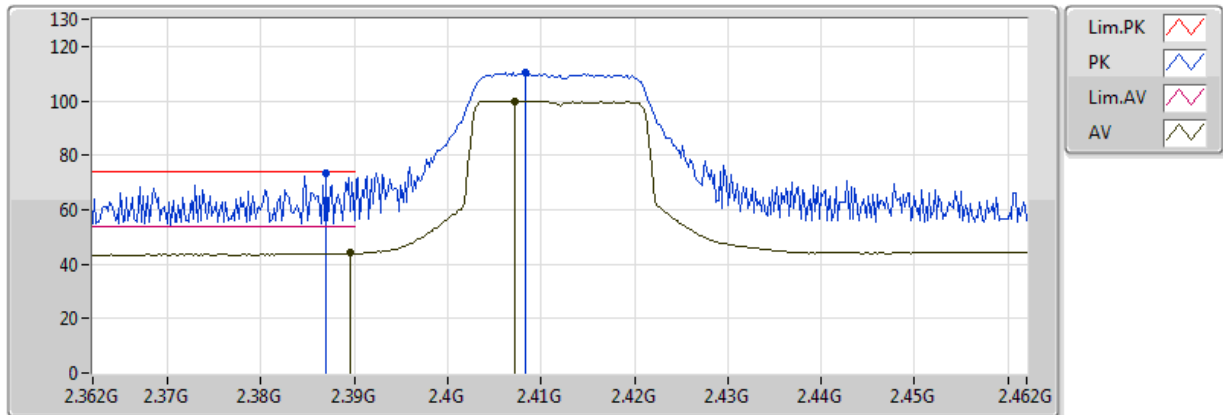


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92394G	35.16	54.00	-18.84	2.30	3	Horizontal	315	1.45	-
PK	4.92418G	44.23	74.00	-29.77	2.30	3	Horizontal	315	1.45	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

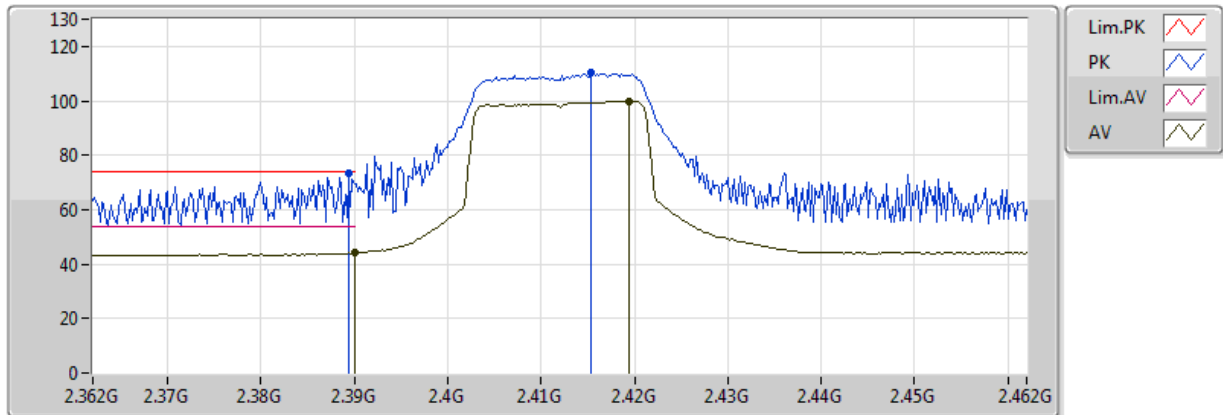


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	44.00	54.00	-10.00	30.77	3	Vertical	128	1.99	-
AV	2.4072G	99.93	Inf	-Inf	30.84	3	Vertical	128	1.99	-
PK	2.387G	73.67	74.00	-0.33	30.76	3	Vertical	128	1.99	-
PK	2.4084G	110.43	Inf	-Inf	30.84	3	Vertical	128	1.99	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

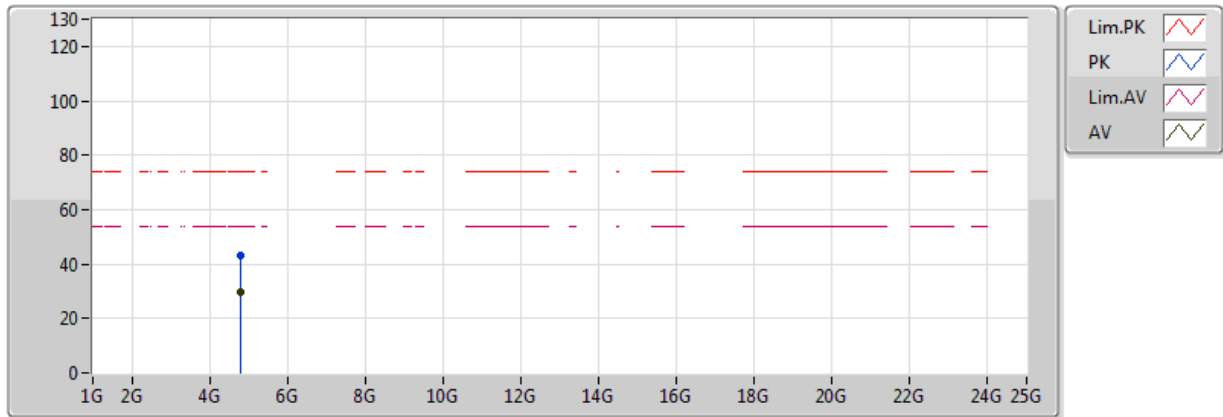


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	44.15	54.00	-9.85	30.77	3	Horizontal	291	1.88	-
AV	2.4194G	99.90	Inf	-Inf	30.88	3	Horizontal	291	1.88	-
PK	2.3894G	73.27	74.00	-0.73	30.77	3	Horizontal	291	1.88	-
PK	2.4154G	110.27	Inf	-Inf	30.87	3	Horizontal	291	1.88	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

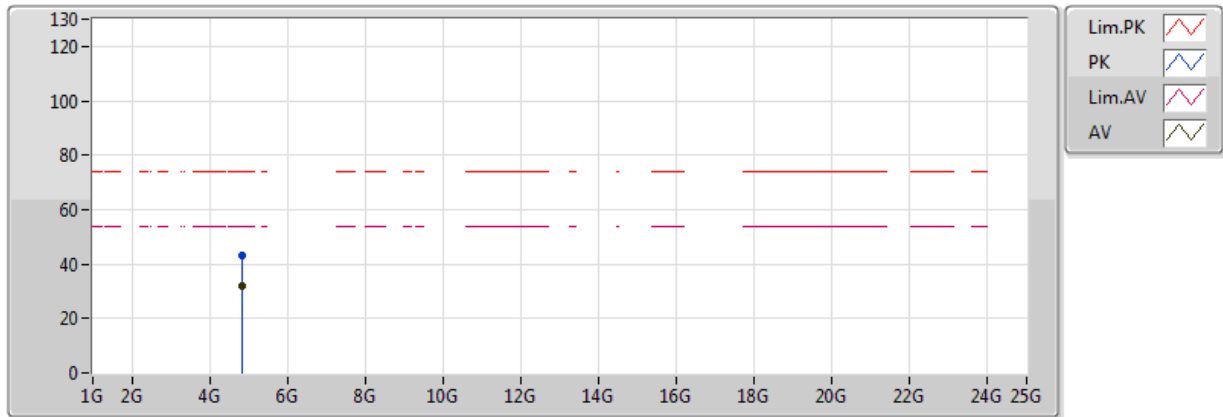


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.80948G	29.88	54.00	-24.12	2.06	3	Vertical	352	1.27	-
PK	4.8096G	43.21	74.00	-30.79	2.06	3	Vertical	352	1.27	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

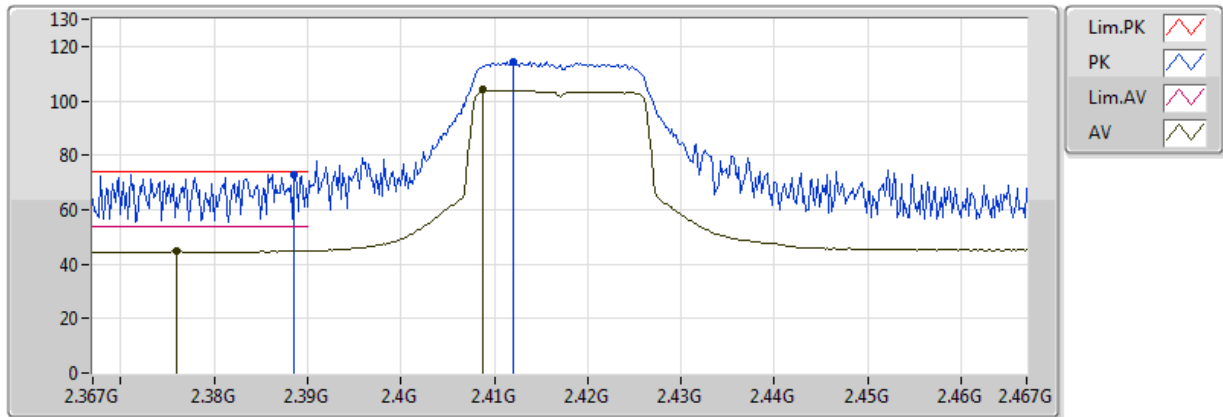


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.82394G	31.72	54.00	-22.28	2.09	3	Horizontal	86	2.00	-
PK	4.82406G	43.41	74.00	-30.59	2.09	3	Horizontal	86	2.00	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

12/06/2018

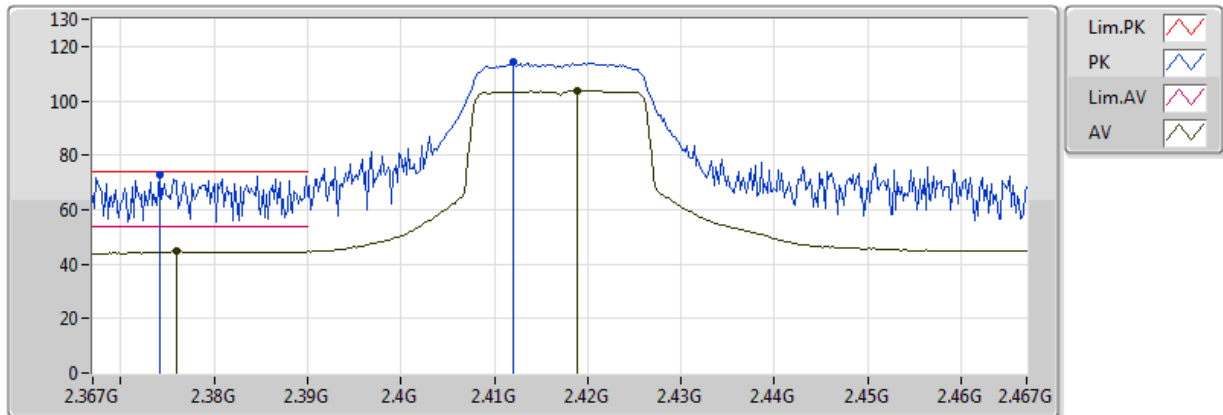


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	44.96	54.00	-9.04	30.72	3	Vertical	131	2.00	-
AV	2.4088G	104.02	Inf	-Inf	30.84	3	Vertical	131	2.00	-
PK	2.3886G	73.10	74.00	-0.90	30.77	3	Vertical	131	2.00	-
PK	2.412G	114.21	Inf	-Inf	30.85	3	Vertical	131	2.00	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2417MHz_TX

12/06/2018

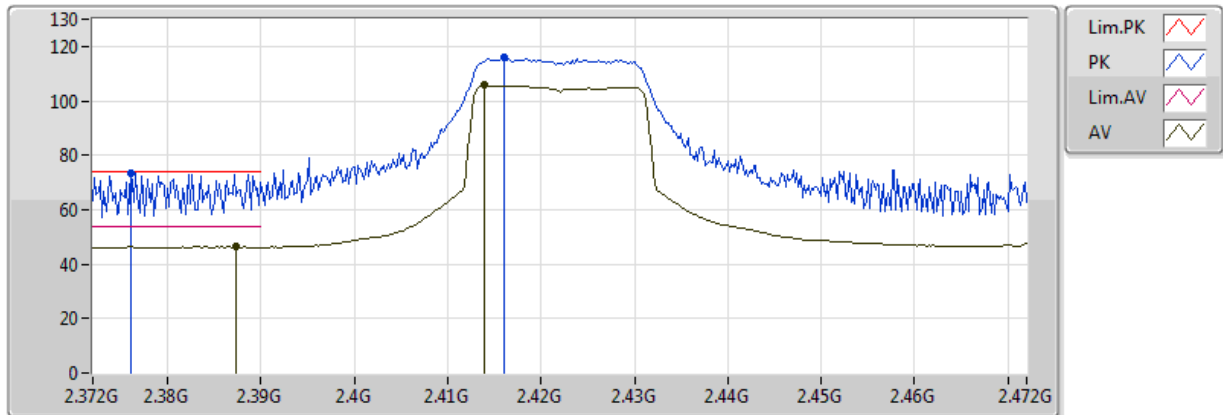


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	45.06	54.00	-8.94	30.72	3	Horizontal	279	2.04	-
AV	2.4188G	103.71	Inf	-Inf	30.88	3	Horizontal	279	2.04	-
PK	2.3742G	72.57	74.00	-1.43	30.72	3	Horizontal	279	2.04	-
PK	2.412G	114.52	Inf	-Inf	30.85	3	Horizontal	279	2.04	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

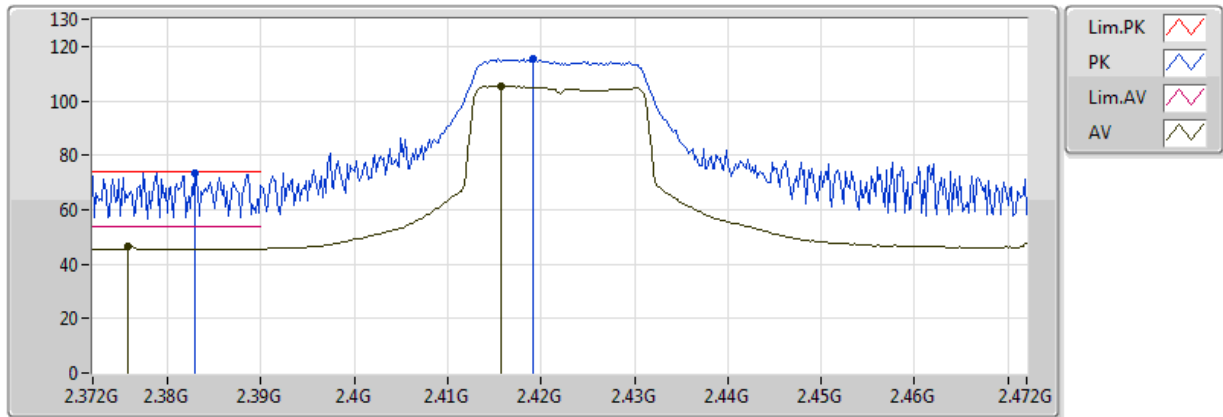


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3874G	46.38	54.00	-7.62	30.76	3	Vertical	103	1.82	-
AV	2.414G	105.70	Inf	-Inf	30.86	3	Vertical	103	1.82	-
PK	2.376G	73.37	74.00	-0.63	30.72	3	Vertical	103	1.82	-
PK	2.416G	115.96	Inf	-Inf	30.87	3	Vertical	103	1.82	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

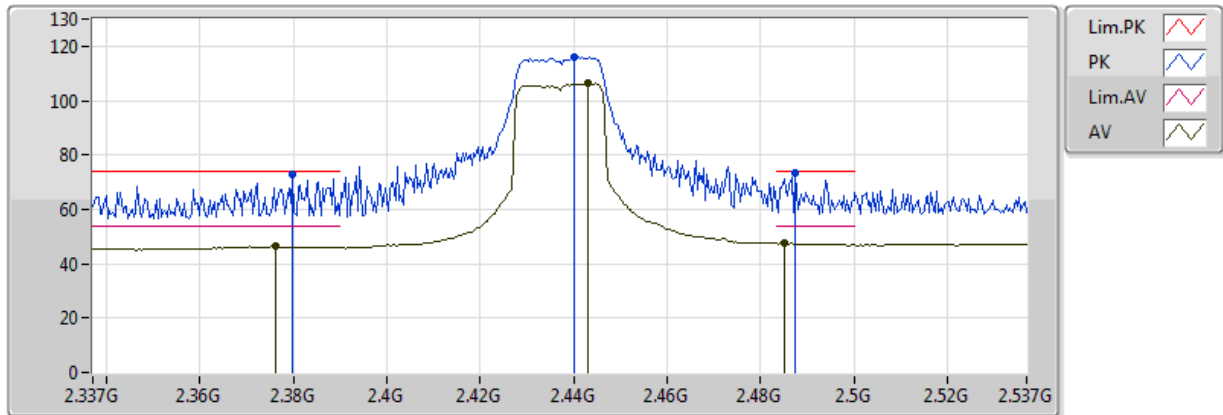


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3758G	46.59	54.00	-7.41	30.72	3	Horizontal	278	2.00	-
AV	2.4158G	105.37	Inf	-Inf	30.87	3	Horizontal	278	2.00	-
PK	2.383G	73.65	74.00	-0.35	30.75	3	Horizontal	278	2.00	-
PK	2.4192G	115.45	Inf	-Inf	30.88	3	Horizontal	278	2.00	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

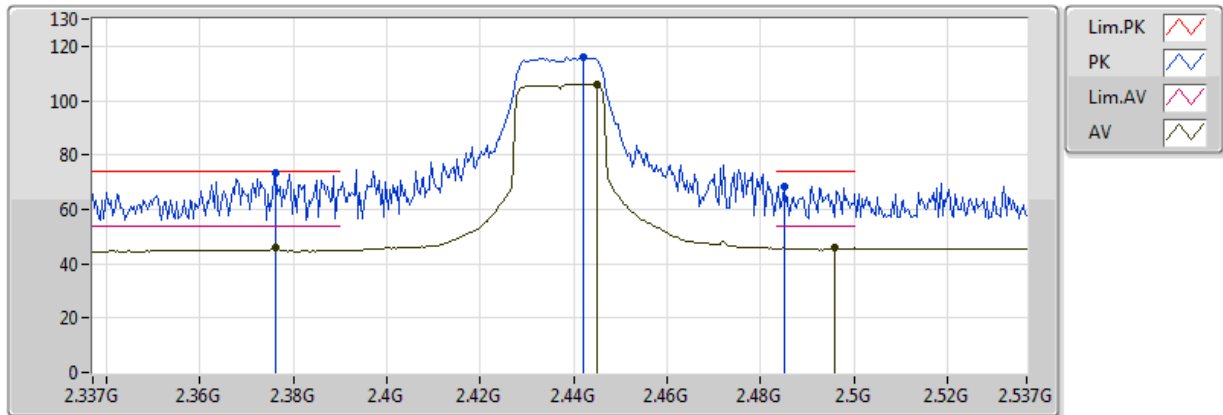


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3762G	46.50	54.00	-7.50	30.72	3	Vertical	116	1.94	-
AV	2.443G	106.30	Inf	-Inf	30.96	3	Vertical	116	1.94	-
AV	2.485G	47.60	54.00	-6.40	31.12	3	Vertical	116	1.94	-
PK	2.3798G	73.01	74.00	-0.99	30.74	3	Vertical	116	1.94	-
PK	2.4402G	116.23	Inf	-Inf	30.95	3	Vertical	116	1.94	-
PK	2.4874G	73.30	74.00	-0.70	31.12	3	Vertical	116	1.94	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

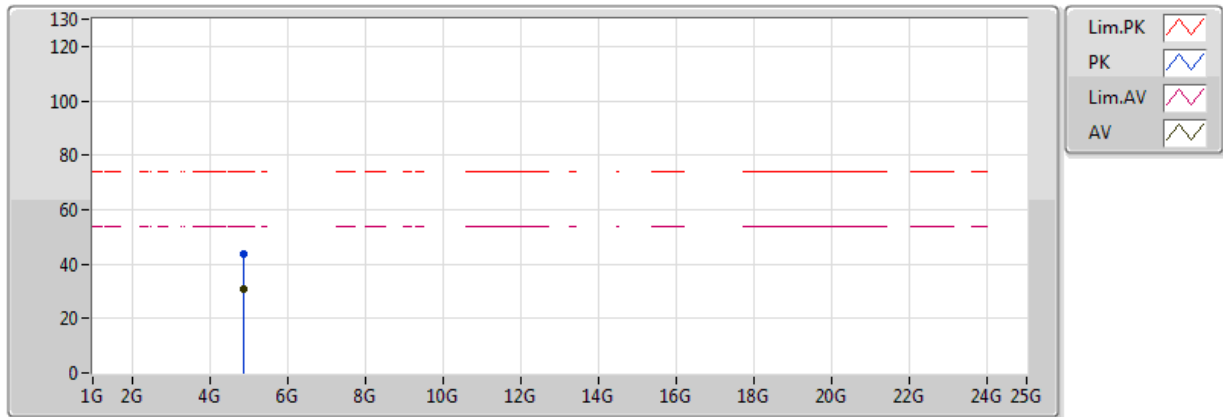


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3762G	46.16	54.00	-7.84	30.72	3	Horizontal	306	1.82	-
AV	2.445G	106.11	Inf	-Inf	30.97	3	Horizontal	306	1.82	-
AV	2.4958G	45.81	54.00	-8.19	31.16	3	Horizontal	306	1.82	-
PK	2.3762G	73.23	74.00	-0.77	30.72	3	Horizontal	306	1.82	-
PK	2.4422G	116.17	Inf	-Inf	30.96	3	Horizontal	306	1.82	-
PK	2.485G	68.49	74.00	-5.51	31.12	3	Horizontal	306	1.82	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

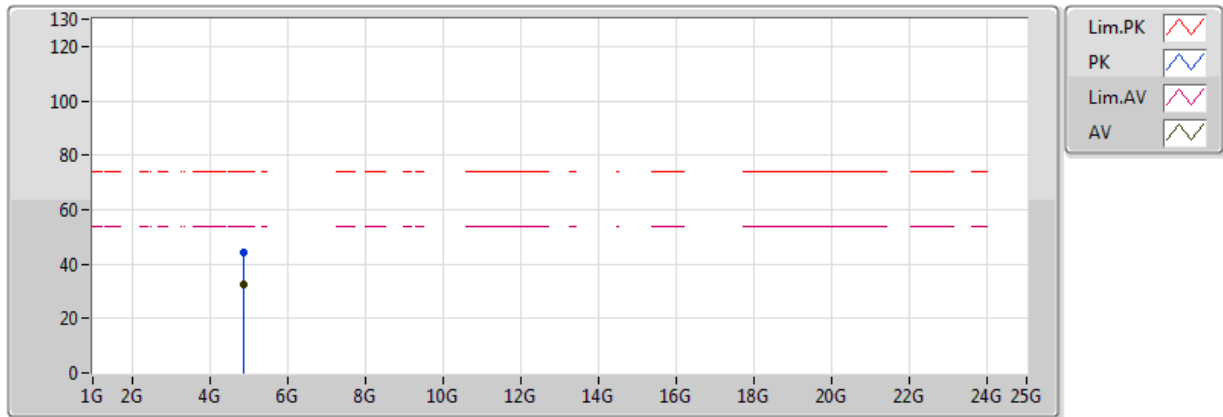


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87382G	30.88	54.00	-23.12	2.19	3	Vertical	246	2.80	-
PK	4.8737G	43.47	74.00	-30.53	2.19	3	Vertical	246	2.80	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

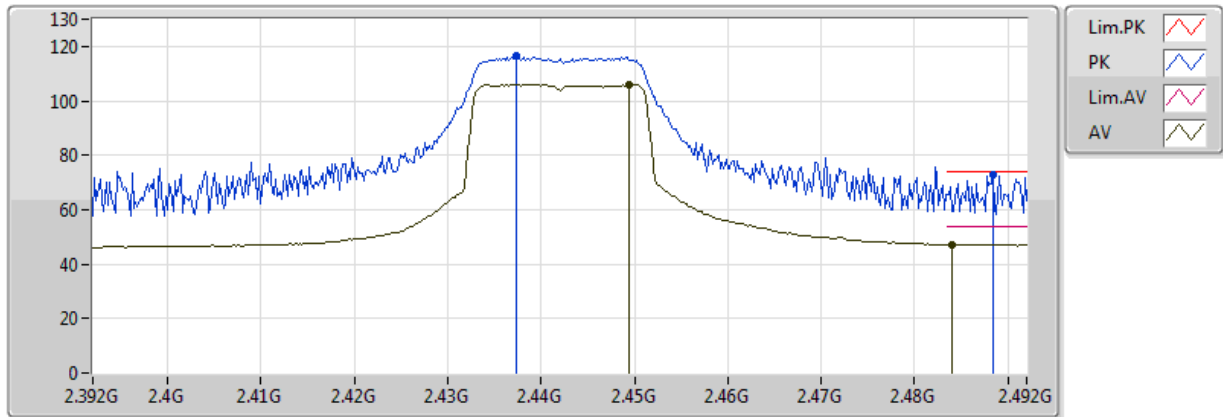


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	32.77	54.00	-21.23	2.19	3	Horizontal	84	1.76	-
PK	4.87406G	44.20	74.00	-29.80	2.19	3	Horizontal	84	1.76	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

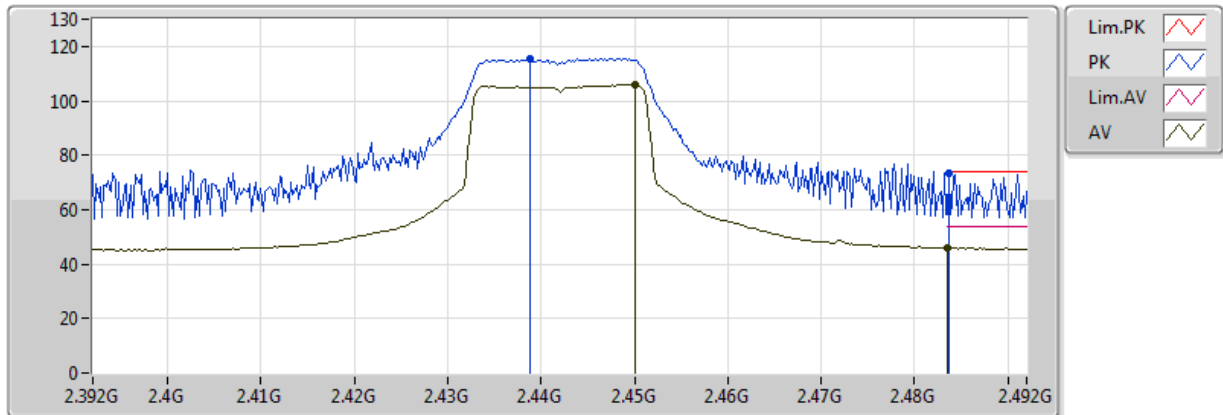


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4494G	105.87	Inf	-Inf	30.99	3	Vertical	101	2.23	-
AV	2.484G	47.23	54.00	-6.77	31.12	3	Vertical	101	2.23	-
PK	2.4374G	116.31	Inf	-Inf	30.94	3	Vertical	101	2.23	-
PK	2.4884G	72.70	74.00	-1.30	31.13	3	Vertical	101	2.23	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

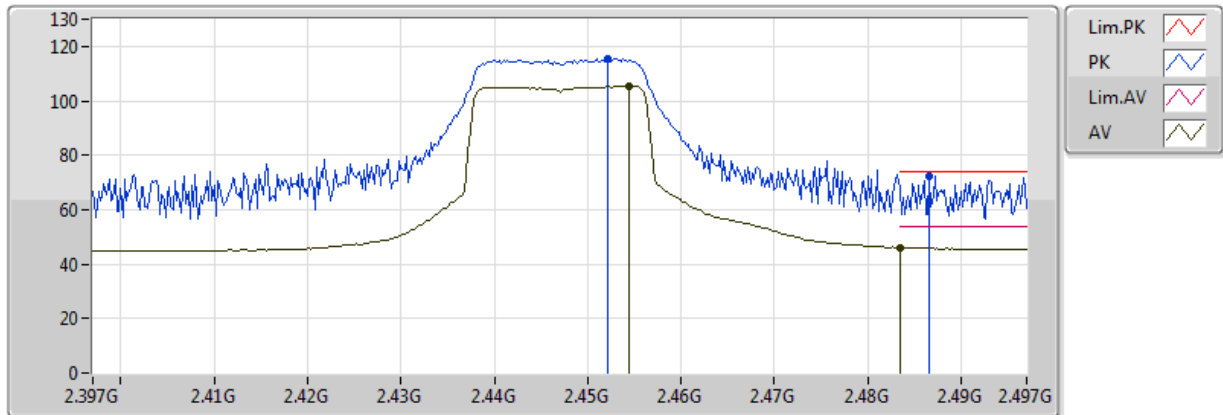


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.45G	105.89	Inf	-Inf	30.99	3	Horizontal	287	2.06	-
AV	2.483502G	45.84	54.00	-8.16	31.11	3	Horizontal	287	2.06	-
PK	2.4388G	115.61	Inf	-Inf	30.95	3	Horizontal	287	2.06	-
PK	2.4836G	73.45	74.00	-0.55	31.11	3	Horizontal	287	2.06	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

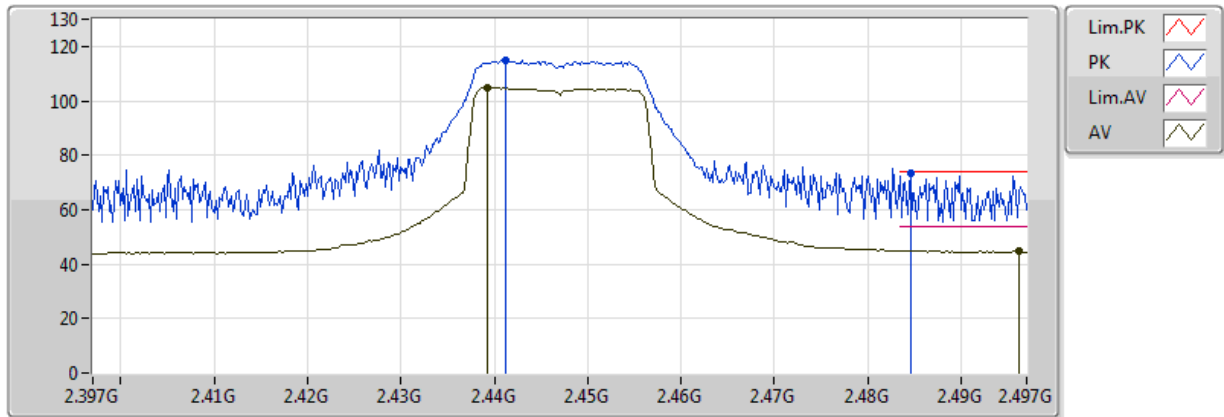


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4544G	105.49	Inf	-Inf	31.01	3	Vertical	107	1.98	-
AV	2.483502G	46.06	54.00	-7.94	31.11	3	Vertical	107	1.98	-
PK	2.4522G	115.35	Inf	-Inf	31.00	3	Vertical	107	1.98	-
PK	2.4866G	72.45	74.00	-1.55	31.12	3	Vertical	107	1.98	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

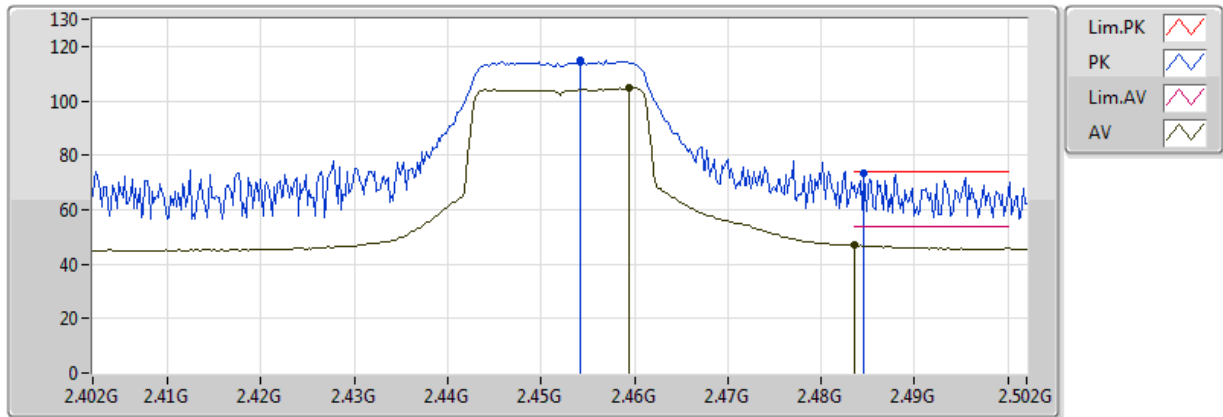


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4392G	104.79	Inf	-Inf	30.95	3	Horizontal	296	1.80	-
AV	2.4962G	44.97	54.00	-9.03	31.16	3	Horizontal	296	1.80	-
PK	2.4412G	114.99	Inf	-Inf	30.96	3	Horizontal	296	1.80	-
PK	2.4846G	73.61	74.00	-0.39	31.12	3	Horizontal	296	1.80	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

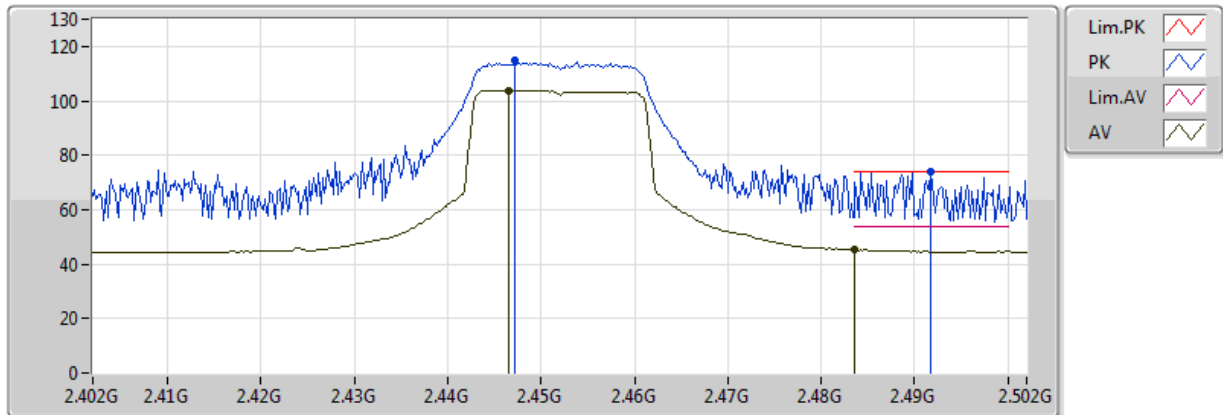


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4594G	104.56	Inf	-Inf	31.02	3	Vertical	112	1.97	-
AV	2.483502G	46.92	54.00	-7.08	31.11	3	Vertical	112	1.97	-
PK	2.4542G	114.86	Inf	-Inf	31.01	3	Vertical	112	1.97	-
PK	2.4846G	73.66	74.00	-0.34	31.12	3	Vertical	112	1.97	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

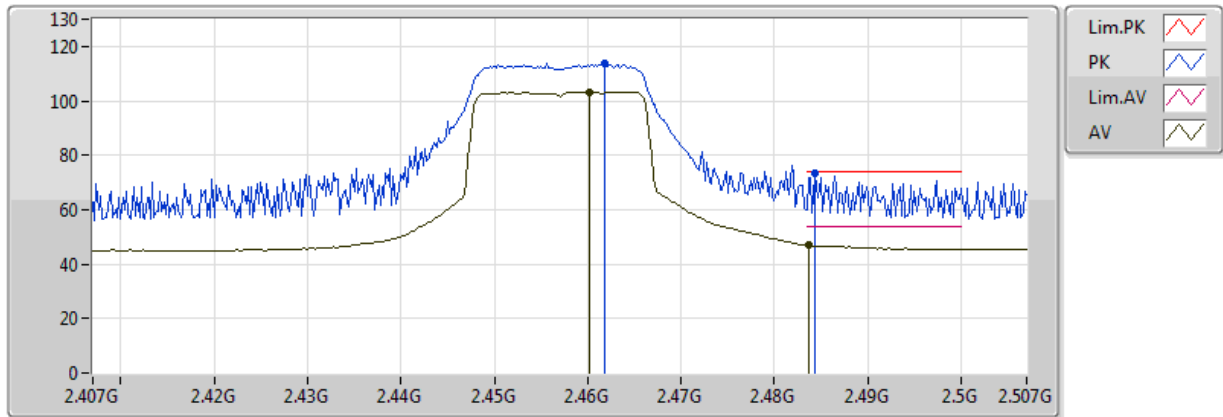


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4466G	103.84	Inf	-Inf	30.98	3	Horizontal	296	1.84	-
AV	2.483502G	45.37	54.00	-8.63	31.11	3	Horizontal	296	1.84	-
PK	2.4472G	114.89	Inf	-Inf	30.98	3	Horizontal	296	1.84	-
PK	2.4918G	73.74	74.00	-0.26	31.14	3	Horizontal	296	1.84	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

12/06/2018

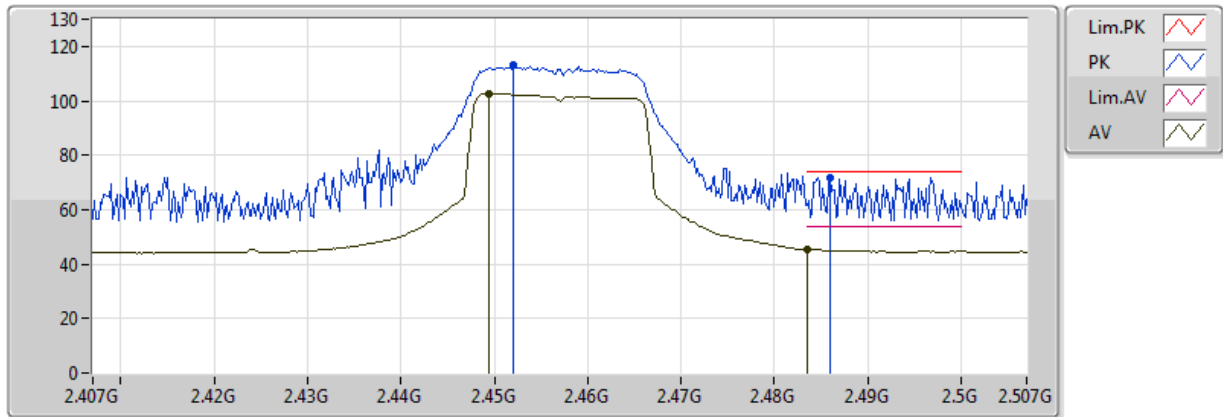


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4602G	103.10	Inf	-Inf	31.03	3	Vertical	102	1.98	-
AV	2.4836G	46.83	54.00	-7.17	31.11	3	Vertical	102	1.98	-
PK	2.4618G	113.50	Inf	-Inf	31.03	3	Vertical	102	1.98	-
PK	2.4844G	73.36	74.00	-0.64	31.12	3	Vertical	102	1.98	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2457MHz_TX

12/06/2018

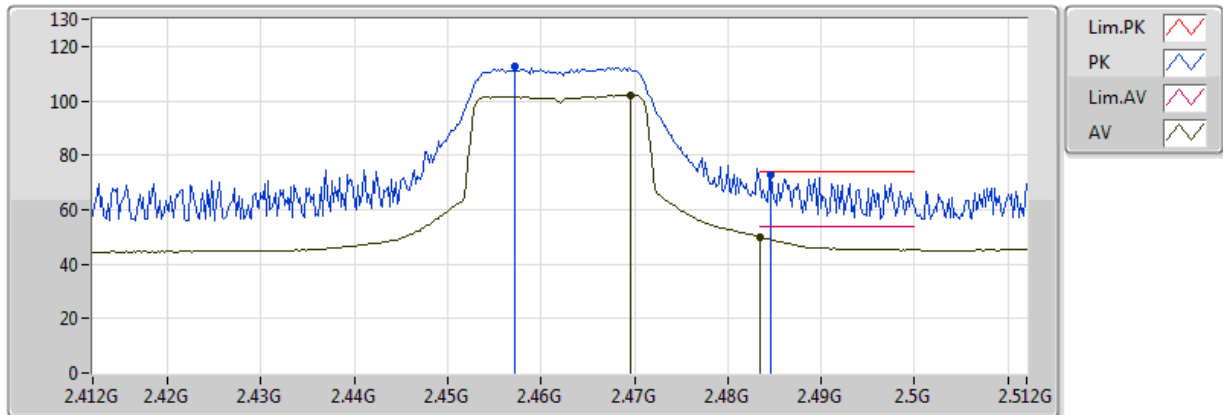


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4494G	102.65	Inf	-Inf	30.99	3	Horizontal	298	1.82	-
AV	2.483502G	45.47	54.00	-8.53	31.11	3	Horizontal	298	1.82	-
PK	2.452G	113.28	Inf	-Inf	31.00	3	Horizontal	298	1.82	-
PK	2.486G	71.94	74.00	-2.06	31.12	3	Horizontal	298	1.82	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

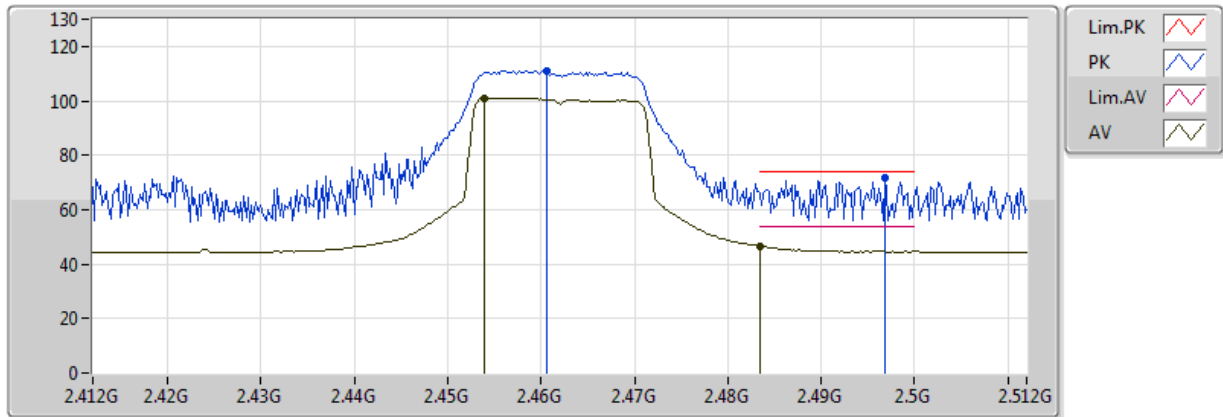


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4696G	102.23	Inf	-Inf	31.06	3	Vertical	113	1.75	-
AV	2.483502G	49.96	54.00	-4.04	31.11	3	Vertical	113	1.75	-
PK	2.4572G	112.58	Inf	-Inf	31.02	3	Vertical	113	1.75	-
PK	2.4846G	72.99	74.00	-1.01	31.12	3	Vertical	113	1.75	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

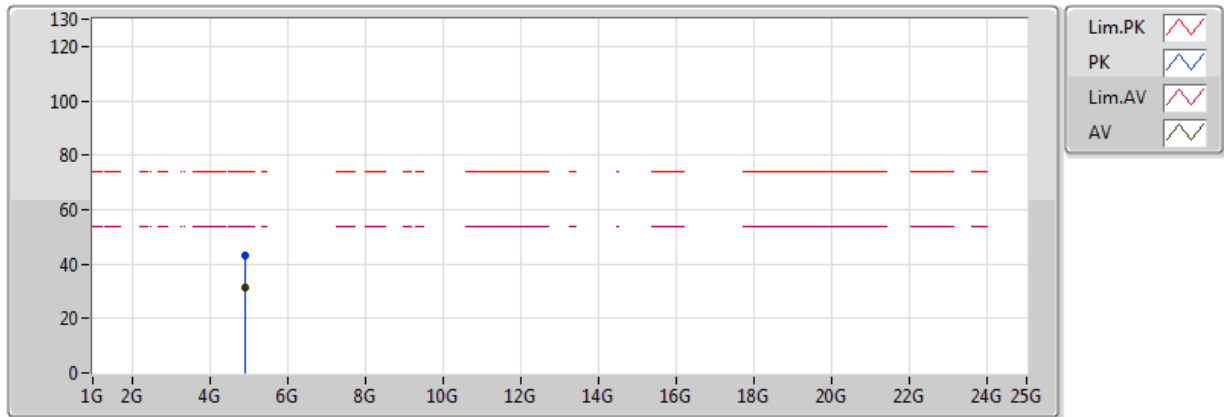


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.454G	101.13	Inf	-Inf	31.00	3	Horizontal	299	2.04	-
AV	2.483502G	46.48	54.00	-7.52	31.11	3	Horizontal	299	2.04	-
PK	2.4606G	111.15	Inf	-Inf	31.03	3	Horizontal	299	2.04	-
PK	2.4968G	71.99	74.00	-2.01	31.16	3	Horizontal	299	2.04	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

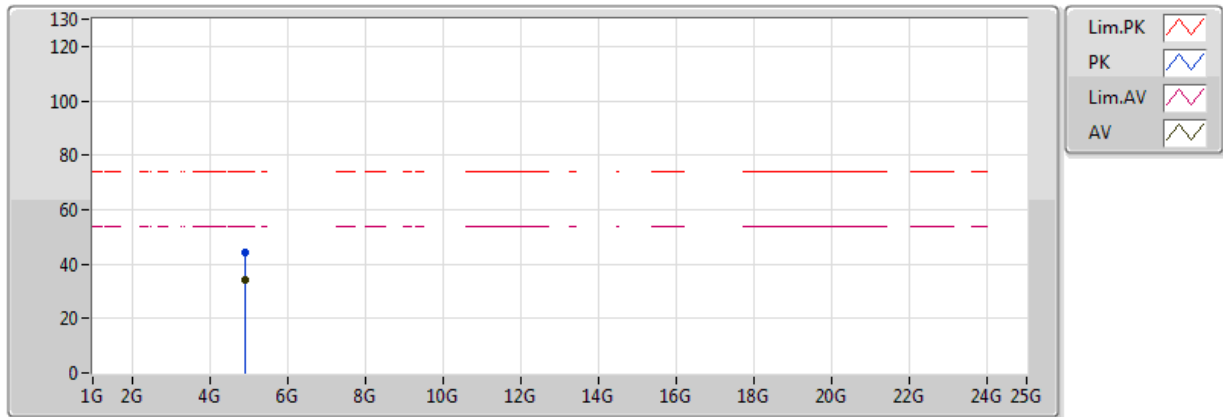


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92406G	31.61	54.00	-22.39	2.30	3	Vertical	256	1.74	-
PK	4.90972G	43.33	74.00	-30.67	2.27	3	Vertical	256	1.74	-

802.11ac VHT20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

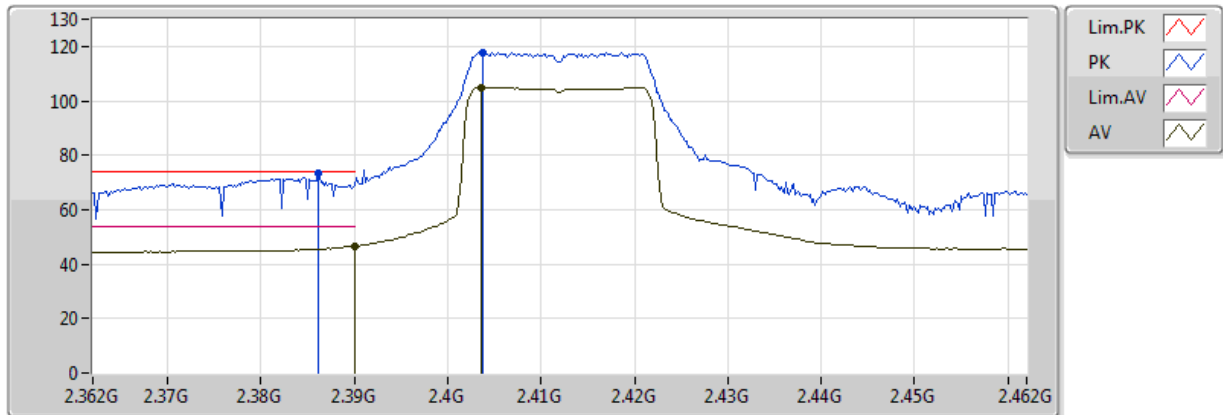


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	34.36	54.00	-19.64	2.30	3	Horizontal	299	1.09	-
PK	4.92412G	44.18	74.00	-29.82	2.30	3	Horizontal	299	1.09	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

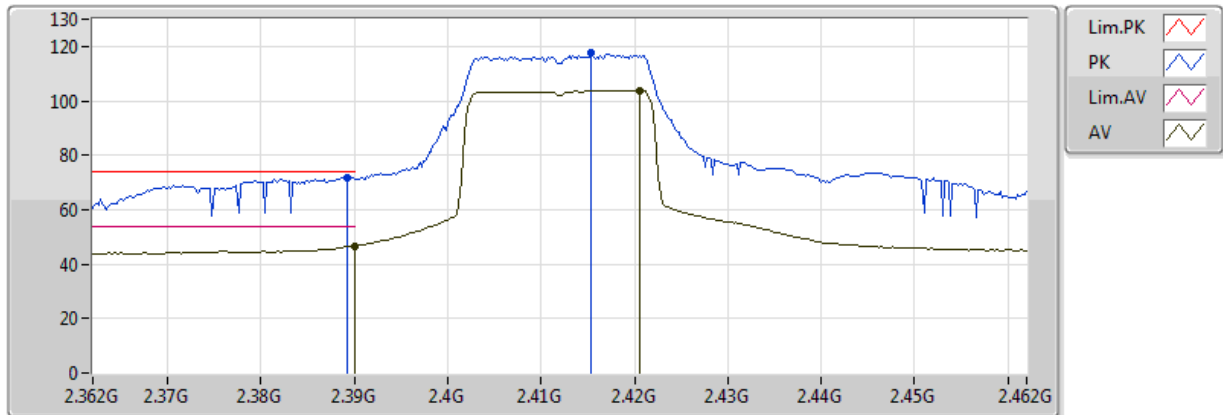
12/06/2018



802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

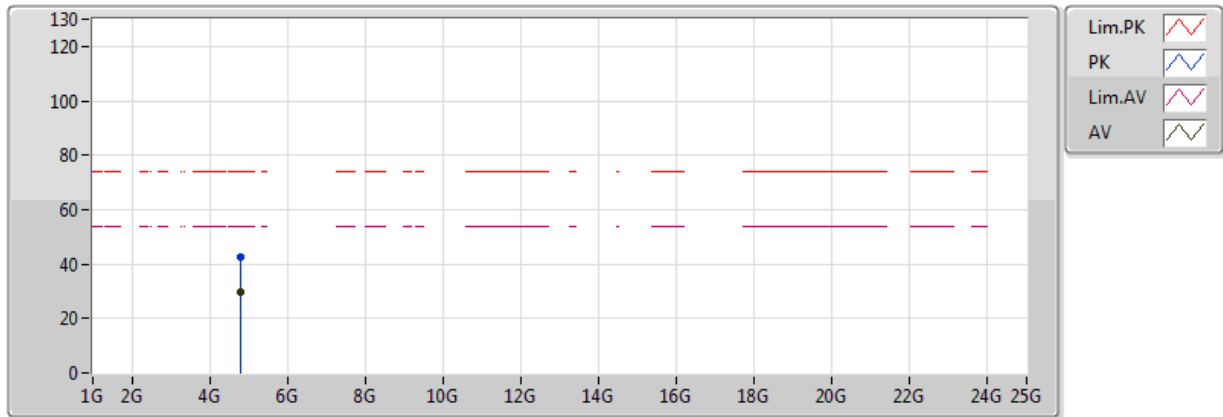


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	46.63	54.00	-7.37	30.77	3	Horizontal	291	1.88	-
AV	2.4206G	103.91	Inf	-Inf	30.88	3	Horizontal	291	1.88	-
PK	2.3892G	71.94	74.00	-2.06	30.77	3	Horizontal	291	1.88	-
PK	2.4154G	117.41	Inf	-Inf	30.87	3	Horizontal	291	1.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

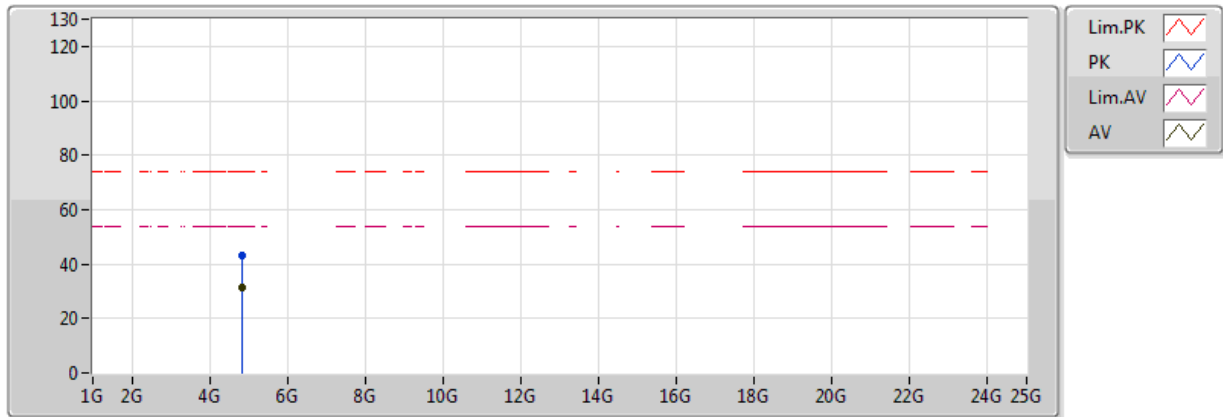


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.81026G	29.52	54.00	-24.48	2.06	3	Vertical	359	2.80	-
PK	4.80942G	42.56	74.00	-31.44	2.06	3	Vertical	359	2.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/06/2018

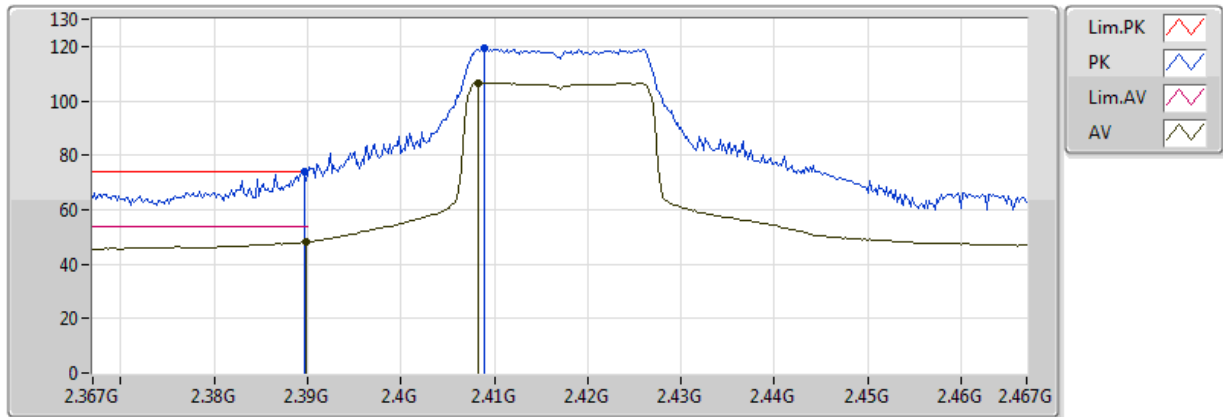


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.824G	31.40	54.00	-22.60	2.09	3	Horizontal	93	1.89	-
PK	4.8237G	43.01	74.00	-30.99	2.09	3	Horizontal	93	1.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

12/06/2018

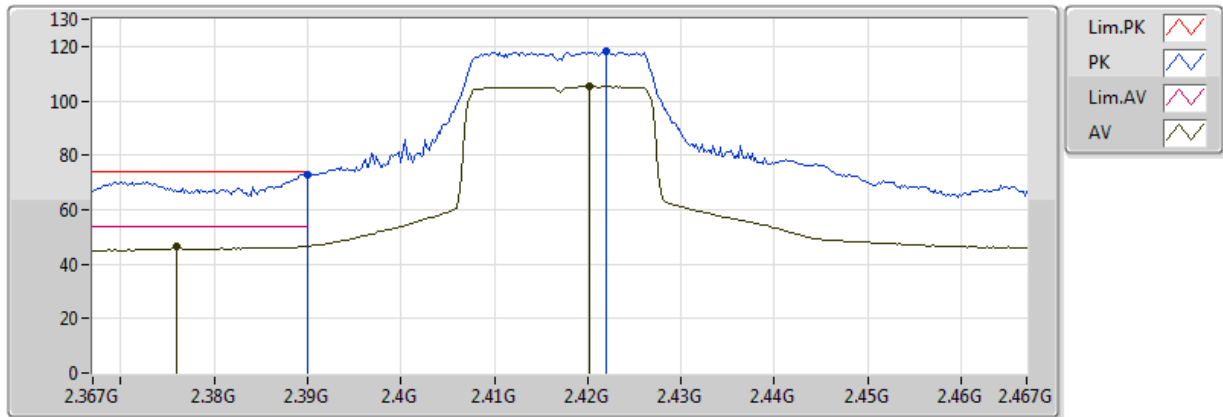


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.15	54.00	-5.85	30.77	3	Vertical	118	1.99	-
AV	2.4082G	106.71	Inf	-Inf	30.84	3	Vertical	118	1.99	-
PK	2.3896G	73.78	74.00	-0.22	30.77	3	Vertical	118	1.99	-
PK	2.409G	119.35	Inf	-Inf	30.84	3	Vertical	118	1.99	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

12/06/2018

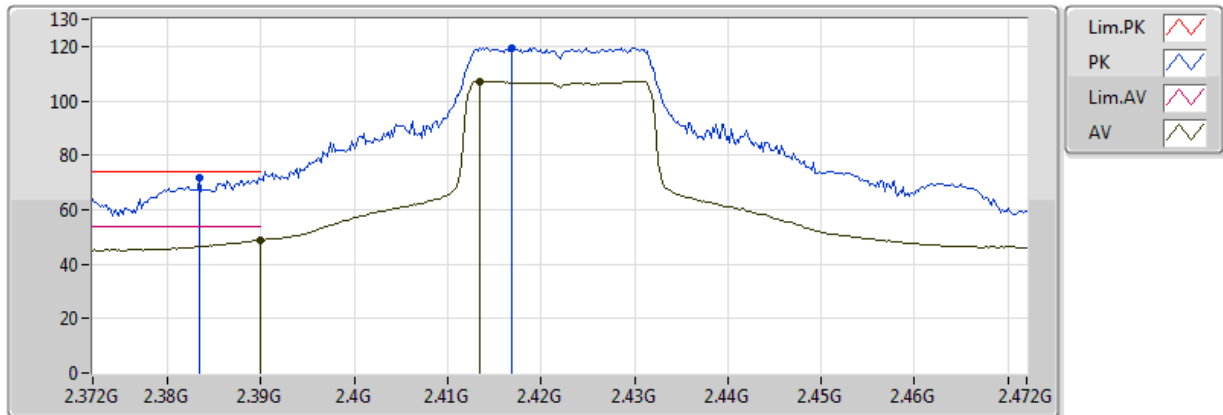


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	46.61	54.00	-7.39	30.72	3	Horizontal	306	1.90	-
AV	2.4202G	105.24	Inf	-Inf	30.88	3	Horizontal	306	1.90	-
PK	2.389998G	72.86	74.00	-1.14	30.77	3	Horizontal	306	1.90	-
PK	2.422G	118.49	Inf	-Inf	30.89	3	Horizontal	306	1.90	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

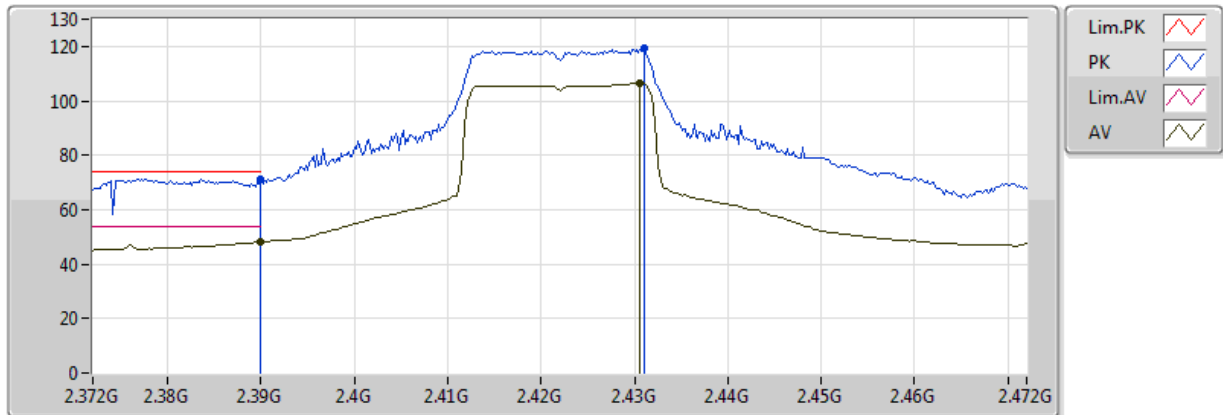


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.74	54.00	-5.26	30.77	3	Vertical	36	1.60	-
AV	2.4134G	107.22	Inf	-Inf	30.86	3	Vertical	36	1.60	-
PK	2.3834G	71.75	74.00	-2.25	30.75	3	Vertical	36	1.60	-
PK	2.4168G	119.58	Inf	-Inf	30.87	3	Vertical	36	1.60	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

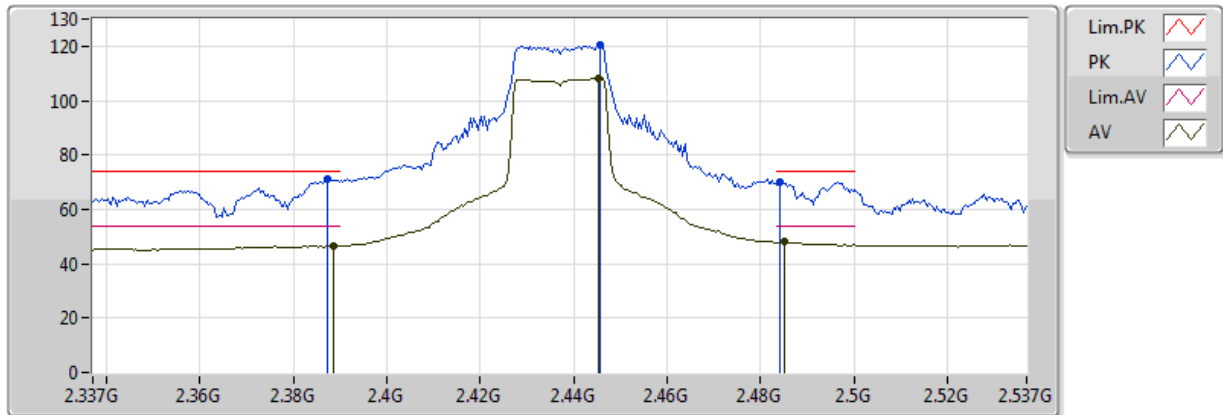


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.10	54.00	-5.90	30.77	3	Horizontal	302	2.09	-
AV	2.4306G	106.38	Inf	-Inf	30.92	3	Horizontal	302	2.09	-
PK	2.389998G	71.26	74.00	-2.74	30.77	3	Horizontal	302	2.09	-
PK	2.431G	119.37	Inf	-Inf	30.92	3	Horizontal	302	2.09	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

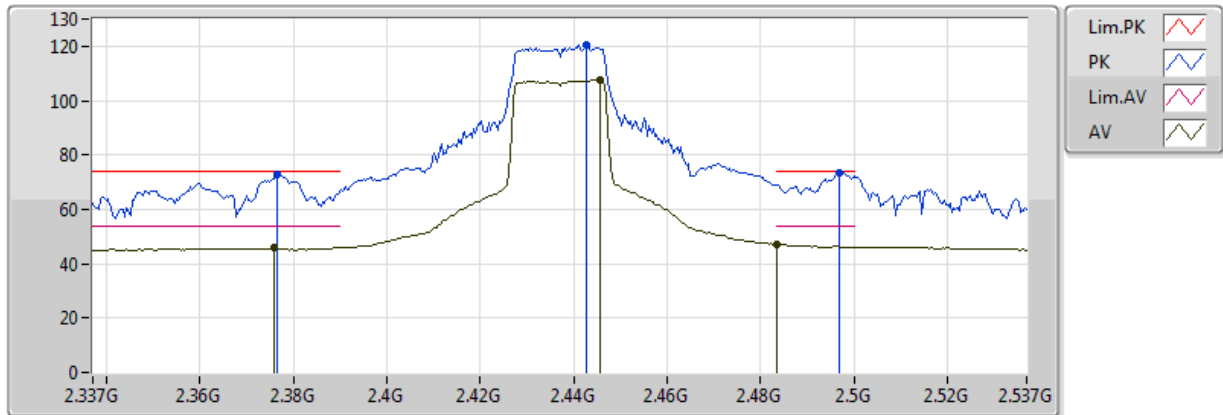


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3886G	46.77	54.00	-7.23	30.77	3	Vertical	99	1.97	-
AV	2.4454G	108.31	Inf	-Inf	30.97	3	Vertical	99	1.97	-
AV	2.485G	47.94	54.00	-6.06	31.12	3	Vertical	99	1.97	-
PK	2.3874G	71.08	74.00	-2.92	30.76	3	Vertical	99	1.97	-
PK	2.4458G	120.36	Inf	-Inf	30.97	3	Vertical	99	1.97	-
PK	2.4842G	70.02	74.00	-3.98	31.12	3	Vertical	99	1.97	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

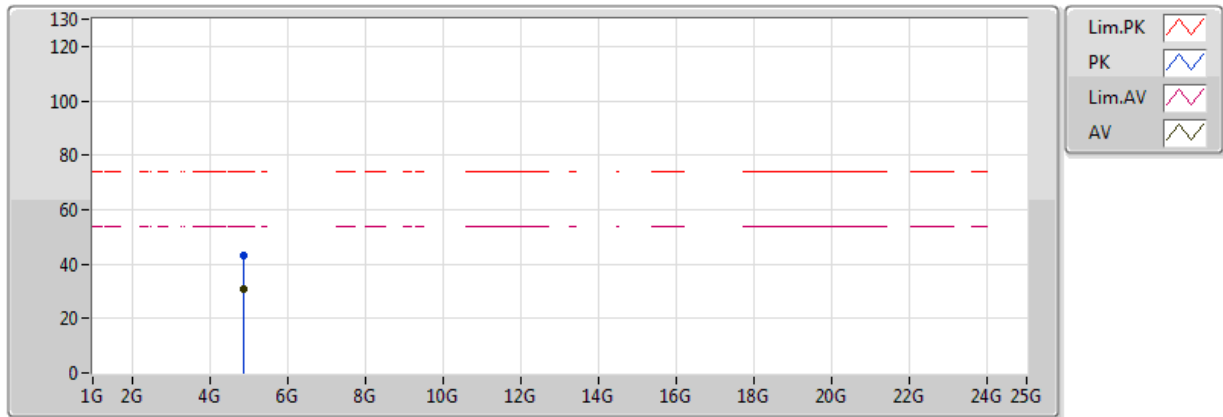


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3758G	46.00	54.00	-8.00	30.72	3	Horizontal	294	1.82	-
AV	2.4458G	107.46	Inf	-Inf	30.97	3	Horizontal	294	1.82	-
AV	2.483502G	47.04	54.00	-6.96	31.11	3	Horizontal	294	1.82	-
PK	2.3766G	72.86	74.00	-1.14	30.72	3	Horizontal	294	1.82	-
PK	2.4426G	120.57	Inf	-Inf	30.96	3	Horizontal	294	1.82	-
PK	2.497G	73.67	74.00	-0.33	31.16	3	Horizontal	294	1.82	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

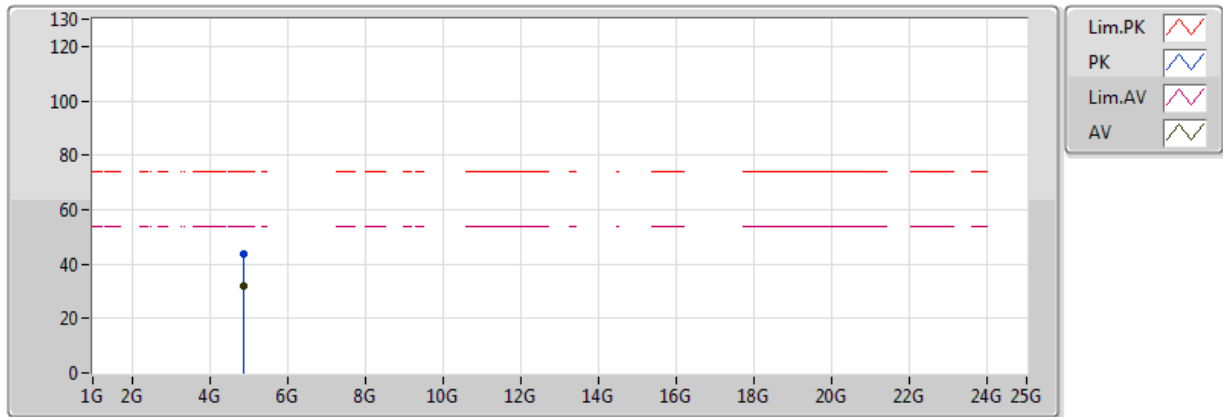


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	30.69	54.00	-23.31	2.19	3	Vertical	253	2.80	-
PK	4.8824G	43.33	74.00	-30.67	2.21	3	Vertical	253	2.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

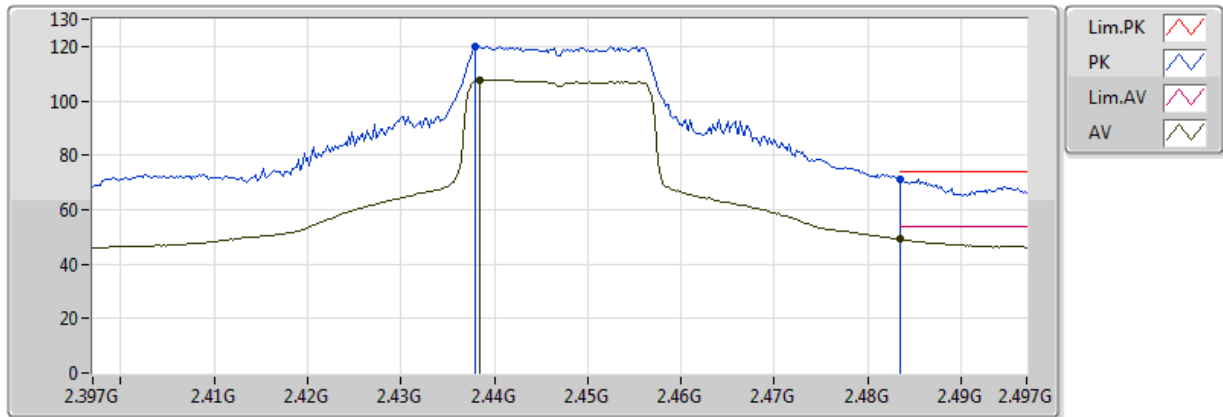


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	32.08	54.00	-21.92	2.19	3	Horizontal	92	1.69	-
PK	4.88306G	43.86	74.00	-30.14	2.21	3	Horizontal	92	1.69	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

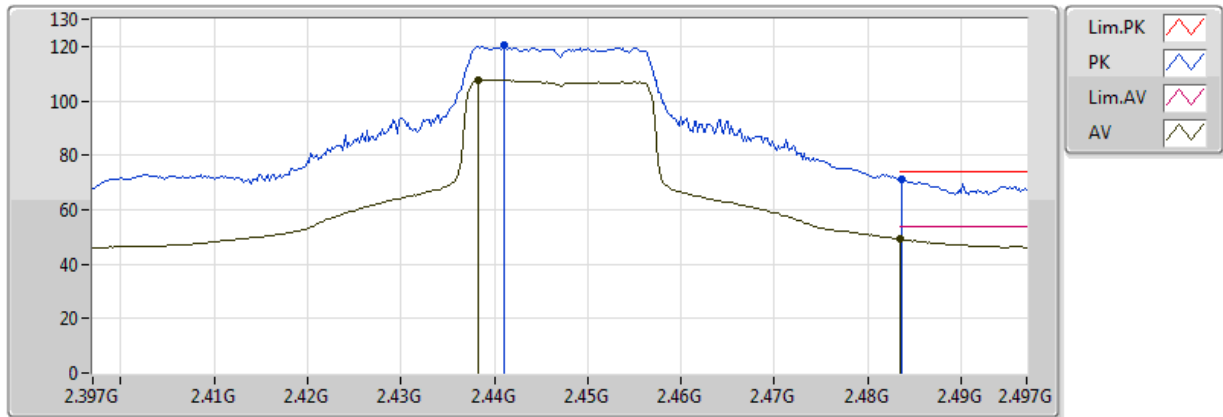


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4384G	107.79	Inf	-Inf	30.95	3	Vertical	304	1.64	-
AV	2.483502G	49.24	54.00	-4.76	31.11	3	Vertical	304	1.64	-
PK	2.438G	120.06	Inf	-Inf	30.95	3	Vertical	304	1.64	-
PK	2.483502G	71.24	74.00	-2.76	31.11	3	Vertical	304	1.64	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

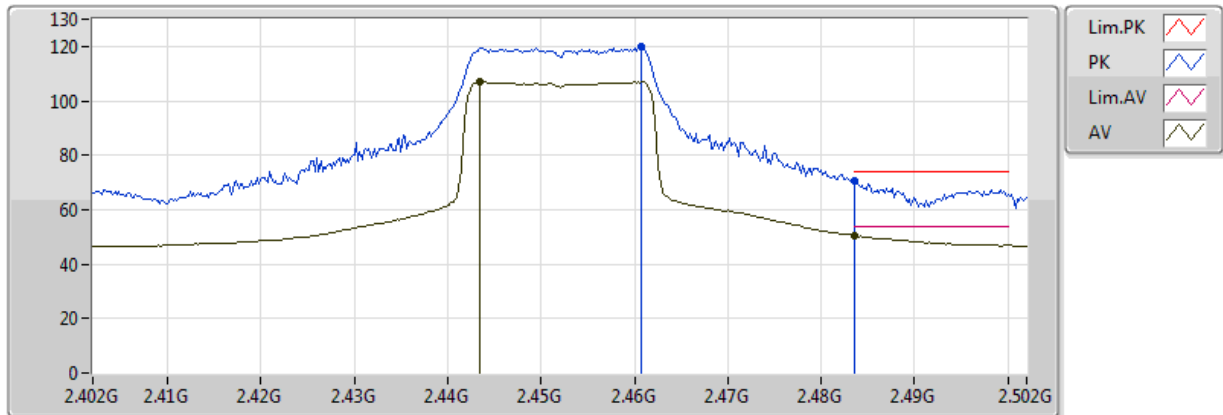


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4382G	107.78	Inf	-Inf	30.95	3	Horizontal	304	1.64	-
AV	2.483502G	49.11	54.00	-4.89	31.11	3	Horizontal	304	1.64	-
PK	2.441G	120.43	Inf	-Inf	30.96	3	Horizontal	304	1.64	-
PK	2.4836G	71.36	74.00	-2.64	31.11	3	Horizontal	304	1.64	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

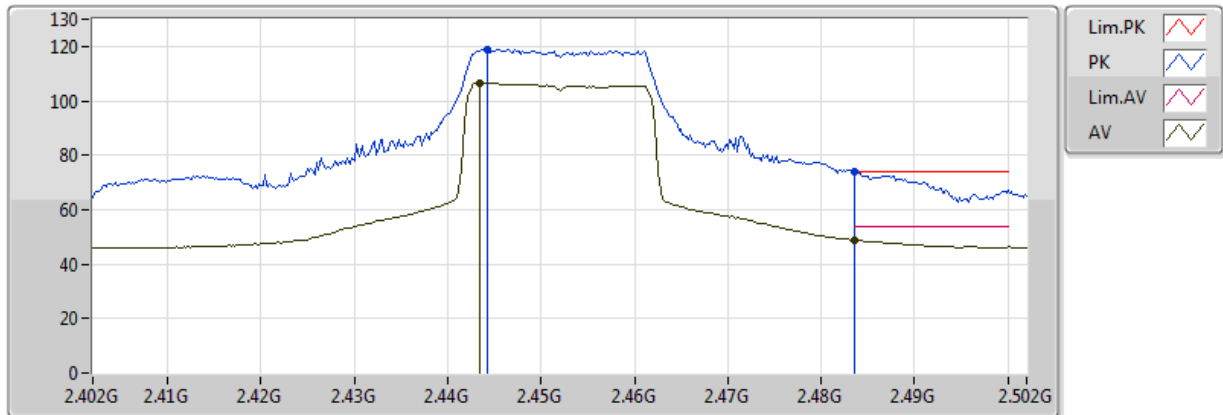


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4434G	106.89	Inf	-Inf	30.97	3	Vertical	123	1.94	-
AV	2.483502G	50.44	54.00	-3.56	31.11	3	Vertical	123	1.94	-
PK	2.4608G	119.94	Inf	-Inf	31.03	3	Vertical	123	1.94	-
PK	2.483502G	70.69	74.00	-3.31	31.11	3	Vertical	123	1.94	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

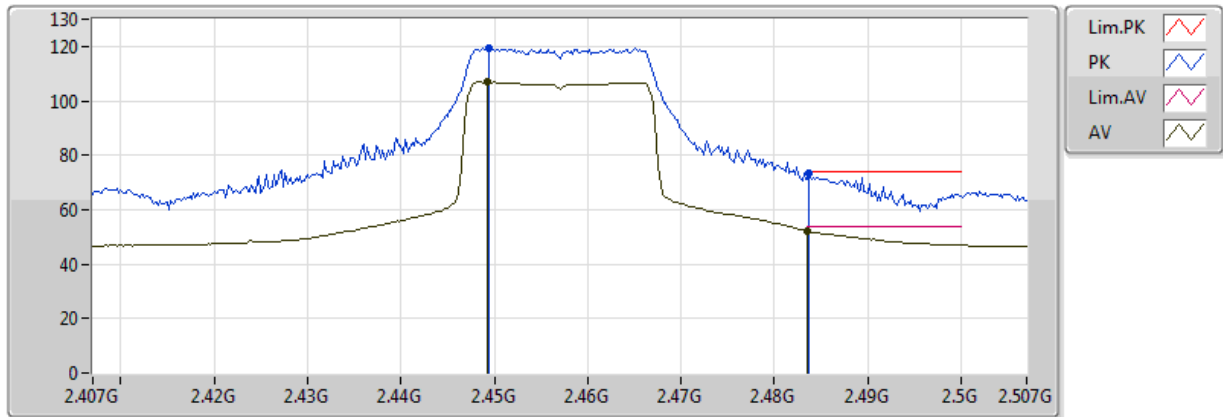


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4434G	106.61	Inf	-Inf	30.97	3	Horizontal	301	1.65	-
AV	2.483502G	48.88	54.00	-5.12	31.11	3	Horizontal	301	1.65	-
PK	2.4442G	119.05	Inf	-Inf	30.97	3	Horizontal	301	1.65	-
PK	2.4836G	73.90	74.00	-0.10	31.11	3	Horizontal	301	1.65	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

12/06/2018

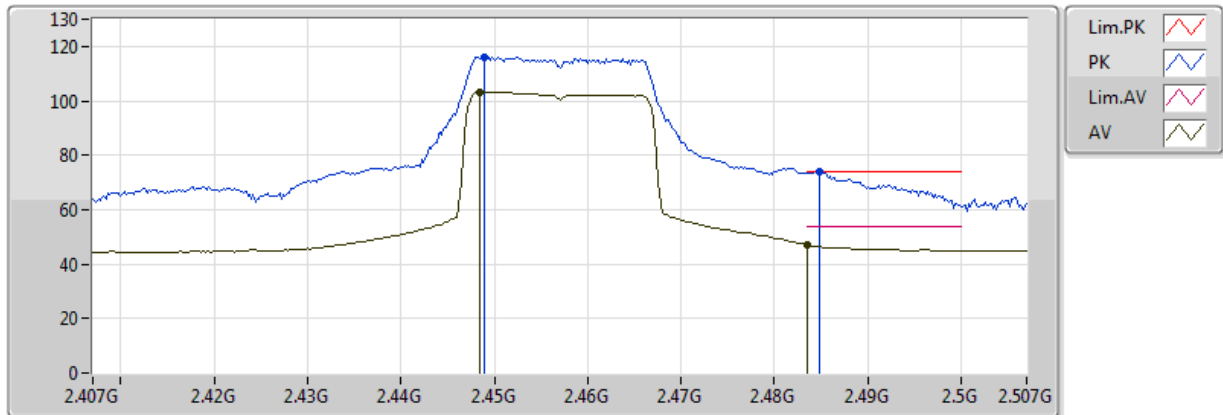


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4492G	106.87	Inf	-Inf	30.99	3	Vertical	120	1.97	-
AV	2.483502G	52.23	54.00	-1.77	31.11	3	Vertical	120	1.97	-
PK	2.4494G	119.59	Inf	-Inf	30.99	3	Vertical	120	1.97	-
PK	2.4836G	73.61	74.00	-0.39	31.11	3	Vertical	120	1.97	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

12/06/2018

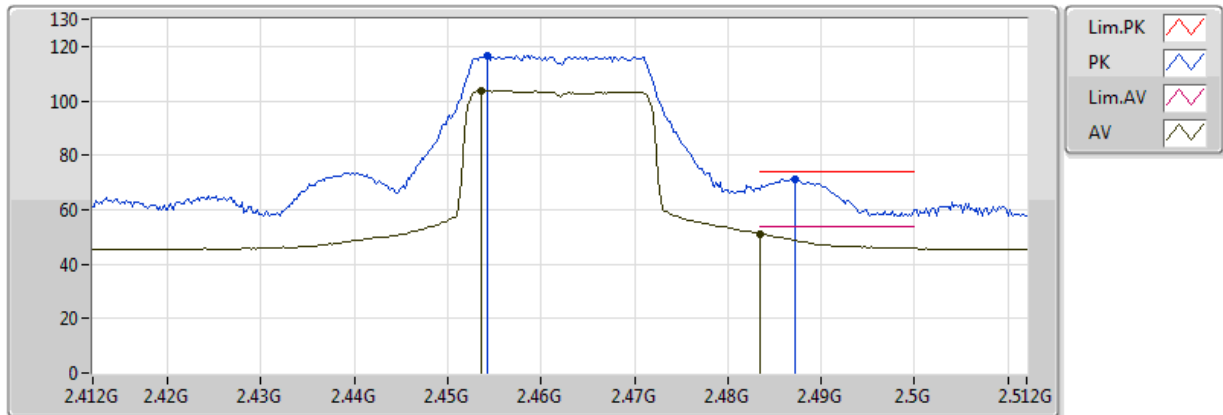


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4484G	103.16	Inf	-Inf	30.98	3	Horizontal	302	1.83	-
AV	2.483502G	47.27	54.00	-6.73	31.11	3	Horizontal	302	1.83	-
PK	2.449G	115.99	Inf	-Inf	30.99	3	Horizontal	302	1.83	-
PK	2.4848G	73.75	74.00	-0.25	31.12	3	Horizontal	302	1.83	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

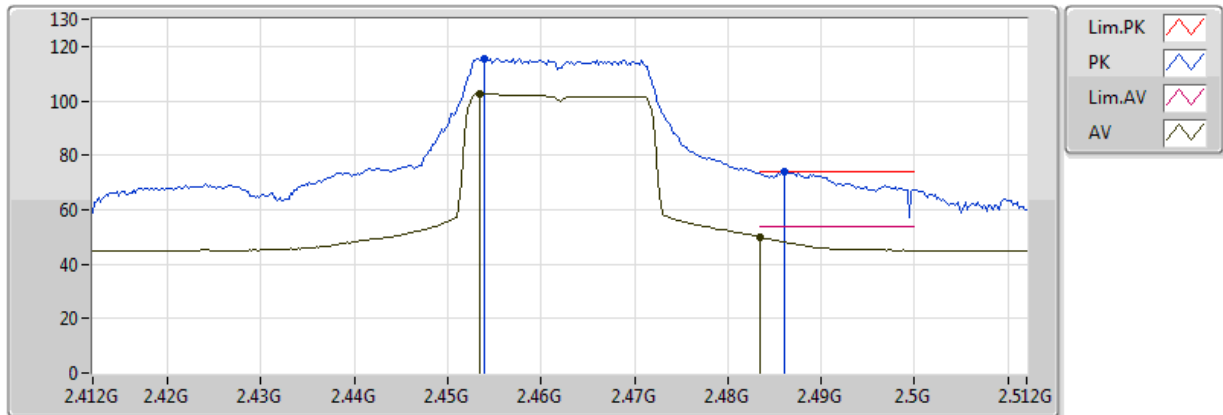


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4536G	103.58	Inf	-Inf	31.00	3	Vertical	101	1.99	-
AV	2.483502G	51.03	54.00	-2.97	31.11	3	Vertical	101	1.99	-
PK	2.4542G	116.61	Inf	-Inf	31.01	3	Vertical	101	1.99	-
PK	2.4872G	71.36	74.00	-2.64	31.12	3	Vertical	101	1.99	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

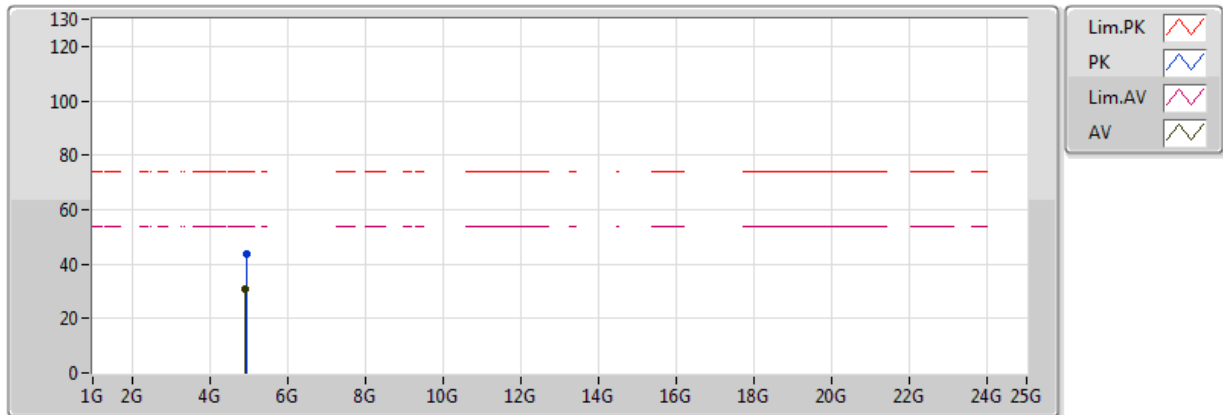


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.4534G	102.58	Inf	-Inf	31.00	3	Horizontal	297	1.86	-
AV	2.483502G	49.92	54.00	-4.08	31.11	3	Horizontal	297	1.86	-
PK	2.454G	115.58	Inf	-Inf	31.00	3	Horizontal	297	1.86	-
PK	2.486G	73.74	74.00	-0.26	31.12	3	Horizontal	297	1.86	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

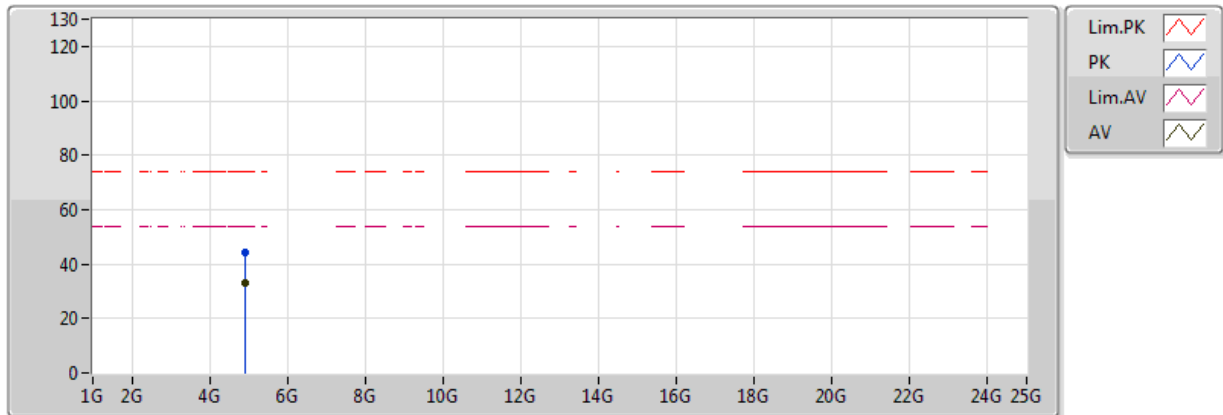


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.92388G	30.97	54.00	-23.03	2.30	3	Vertical	257	1.39	-
PK	4.93564G	43.70	74.00	-30.30	2.33	3	Vertical	257	1.39	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/06/2018

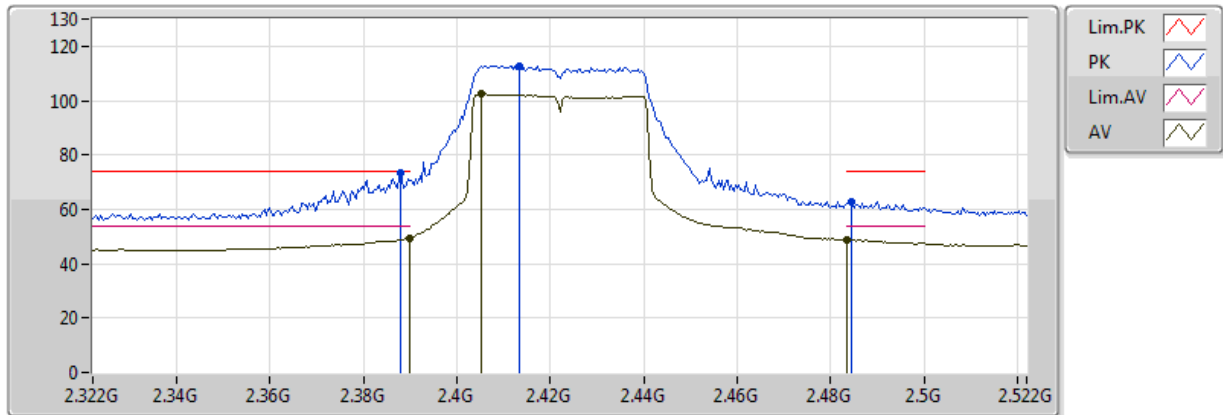


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.924G	33.13	54.00	-20.87	2.30	3	Horizontal	324	1.79	-
PK	4.92382G	44.01	74.00	-29.99	2.30	3	Horizontal	324	1.79	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

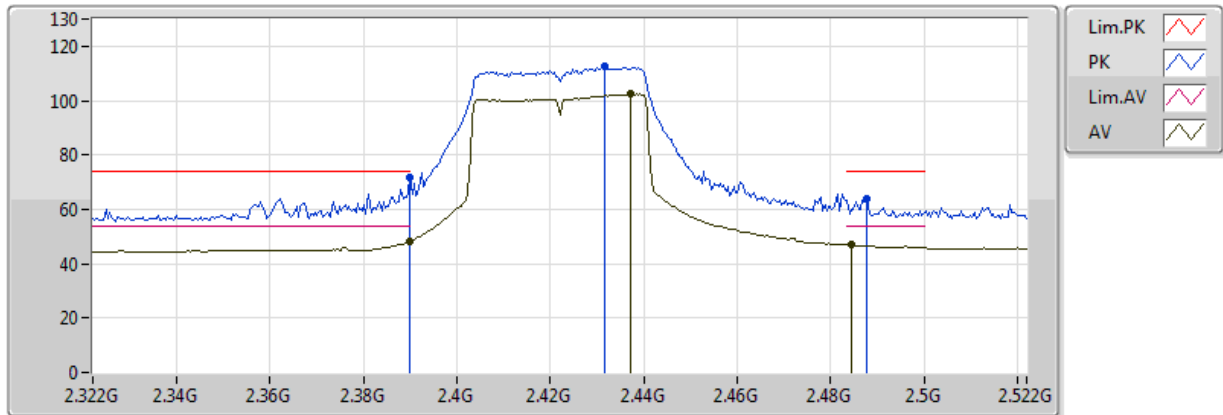


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.40	54.00	-4.60	30.77	3	Vertical	108	1.98	-
AV	2.4052G	102.30	Inf	-Inf	30.83	3	Vertical	108	1.98	-
AV	2.483502G	48.71	54.00	-5.29	31.11	3	Vertical	108	1.98	-
PK	2.388G	73.19	74.00	-0.81	30.77	3	Vertical	108	1.98	-
PK	2.4132G	112.90	Inf	-Inf	30.86	3	Vertical	108	1.98	-
PK	2.4844G	62.62	74.00	-11.38	31.12	3	Vertical	108	1.98	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

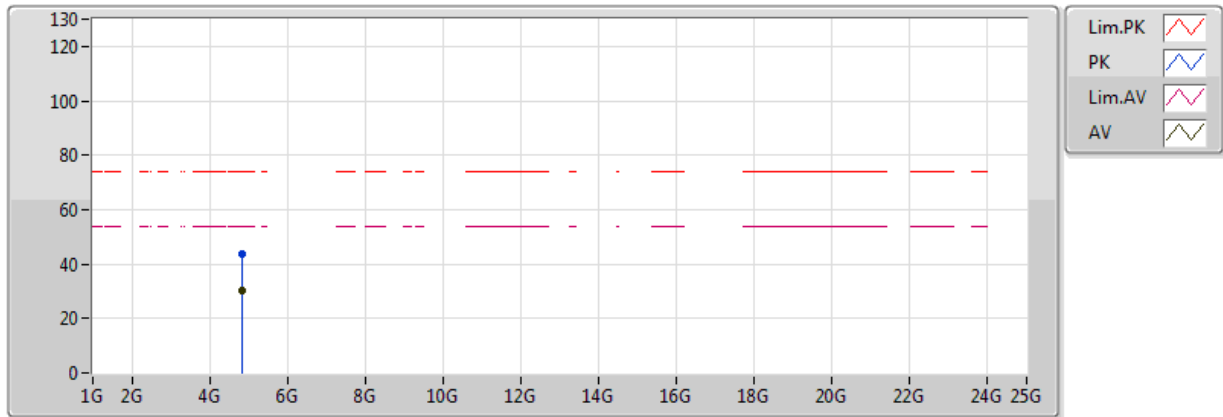


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	48.24	54.00	-5.76	30.77	3	Horizontal	286	1.81	-
AV	2.4372G	102.47	Inf	-Inf	30.94	3	Horizontal	286	1.81	-
AV	2.4844G	46.99	54.00	-7.01	31.12	3	Horizontal	286	1.81	-
PK	2.389998G	71.51	74.00	-2.49	30.77	3	Horizontal	286	1.81	-
PK	2.4316G	112.79	Inf	-Inf	30.92	3	Horizontal	286	1.81	-
PK	2.4876G	63.76	74.00	-10.24	31.13	3	Horizontal	286	1.81	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

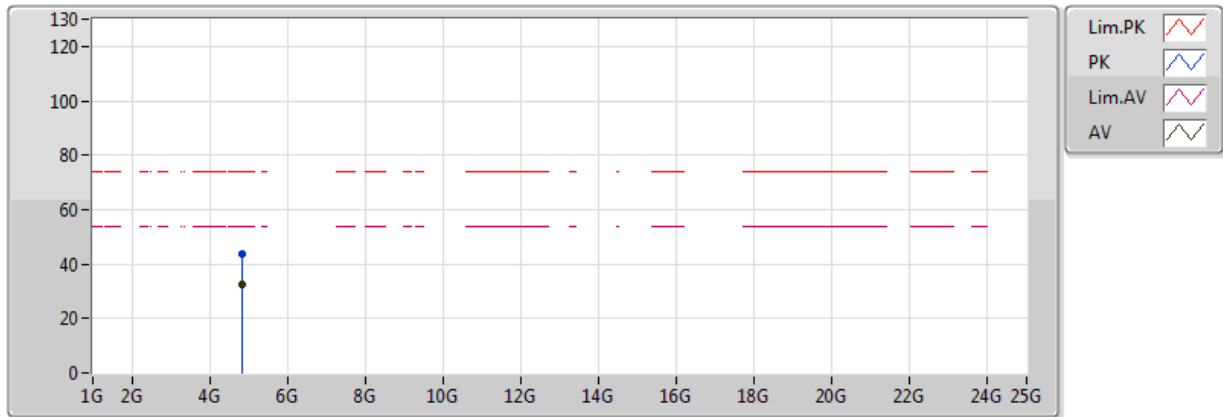


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84394G	30.24	54.00	-23.76	2.13	3	Vertical	253	1.50	-
PK	4.85066G	43.63	74.00	-30.37	2.14	3	Vertical	253	1.50	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

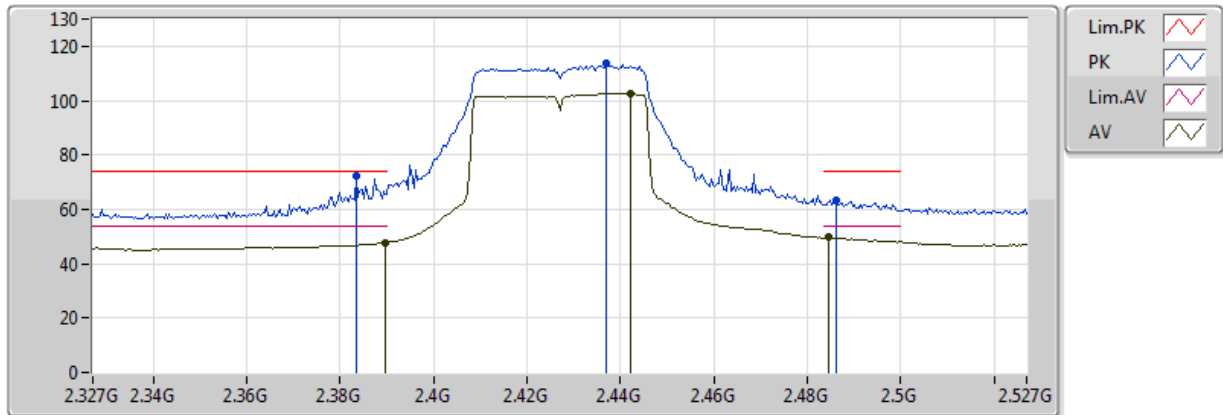


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84394G	32.45	54.00	-21.55	2.13	3	Horizontal	71	1.69	-
PK	4.84364G	43.53	74.00	-30.47	2.13	3	Horizontal	71	1.69	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

12/06/2018

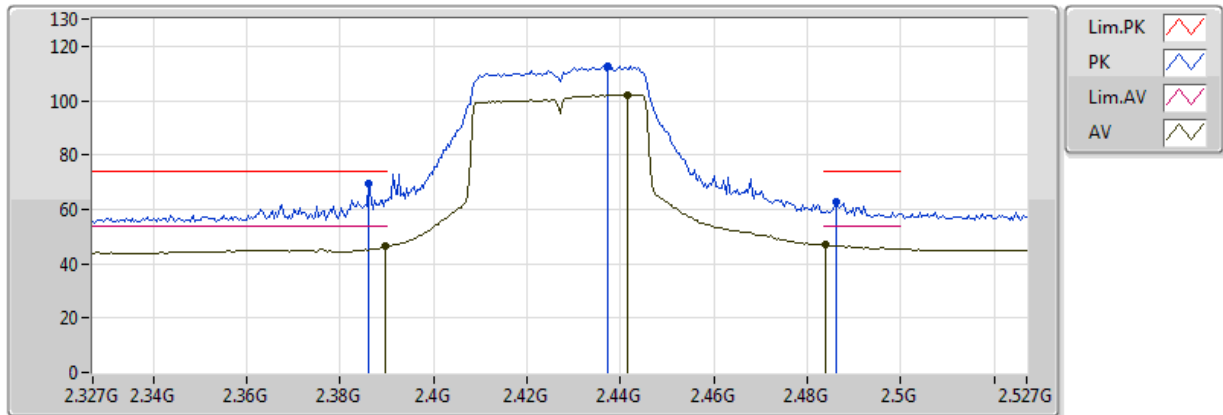


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.77	54.00	-6.23	30.77	3	Vertical	93	2.22	-
AV	2.4422G	102.67	Inf	-Inf	30.96	3	Vertical	93	2.22	-
AV	2.4846G	49.60	54.00	-4.40	31.12	3	Vertical	93	2.22	-
PK	2.3834G	72.31	74.00	-1.69	30.75	3	Vertical	93	2.22	-
PK	2.437G	113.77	Inf	-Inf	30.94	3	Vertical	93	2.22	-
PK	2.4862G	63.14	74.00	-10.86	31.12	3	Vertical	93	2.22	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2427MHz_TX

12/06/2018

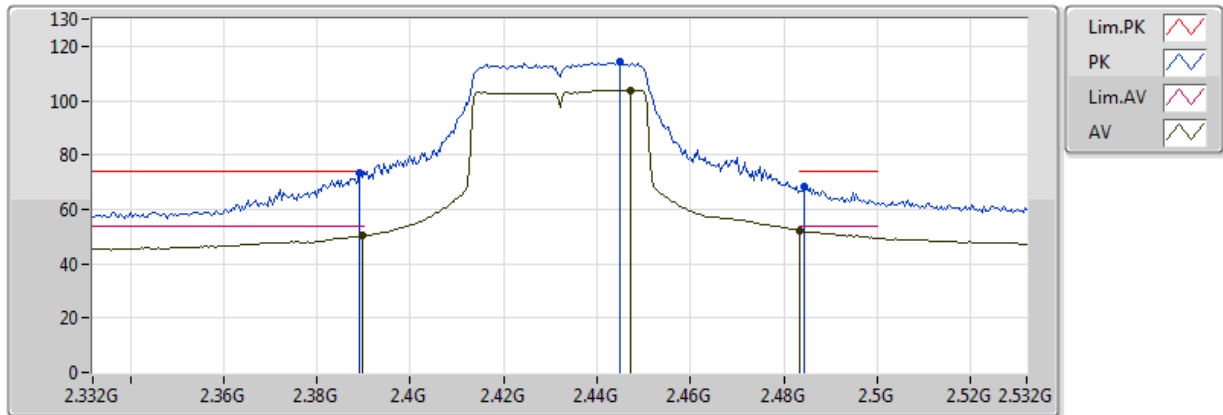


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	46.23	54.00	-7.77	30.77	3	Horizontal	283	1.81	-
AV	2.4414G	102.26	Inf	-Inf	30.96	3	Horizontal	283	1.81	-
AV	2.4838G	46.87	54.00	-7.13	31.11	3	Horizontal	283	1.81	-
PK	2.3862G	69.69	74.00	-4.31	30.76	3	Horizontal	283	1.81	-
PK	2.4374G	112.63	Inf	-Inf	30.94	3	Horizontal	283	1.81	-
PK	2.4862G	62.65	74.00	-11.35	31.12	3	Horizontal	283	1.81	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2432MHz_TX

12/06/2018

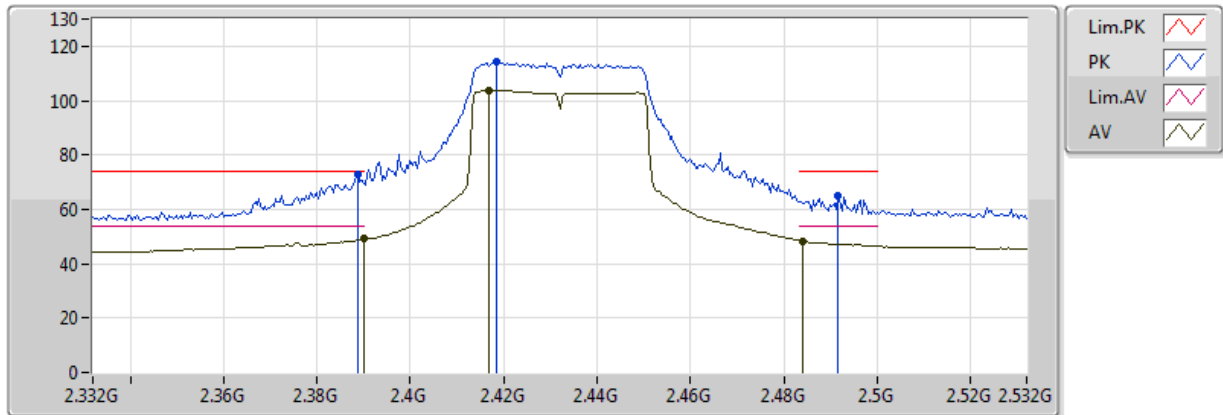


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3896G	50.31	54.00	-3.69	30.77	3	Vertical	97	1.94	-
AV	2.4472G	103.80	Inf	-Inf	30.98	3	Vertical	97	1.94	-
AV	2.483502G	52.05	54.00	-1.95	31.11	3	Vertical	97	1.94	-
PK	2.3892G	73.32	74.00	-0.68	30.77	3	Vertical	97	1.94	-
PK	2.4448G	114.56	Inf	-Inf	30.97	3	Vertical	97	1.94	-
PK	2.4844G	68.25	74.00	-5.75	31.12	3	Vertical	97	1.94	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2432MHz_TX

12/06/2018

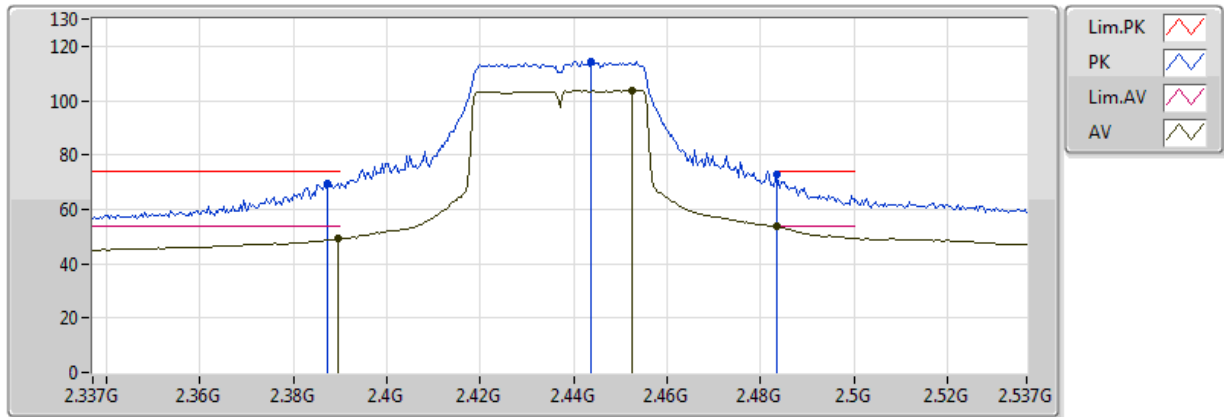


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.15	54.00	-4.85	30.77	3	Horizontal	284	1.88	-
AV	2.4168G	103.82	Inf	-Inf	30.87	3	Horizontal	284	1.88	-
AV	2.484G	48.27	54.00	-5.73	31.12	3	Horizontal	284	1.88	-
PK	2.3888G	72.74	74.00	-1.26	30.77	3	Horizontal	284	1.88	-
PK	2.4184G	114.12	Inf	-Inf	30.88	3	Horizontal	284	1.88	-
PK	2.4916G	64.79	74.00	-9.21	31.14	3	Horizontal	284	1.88	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

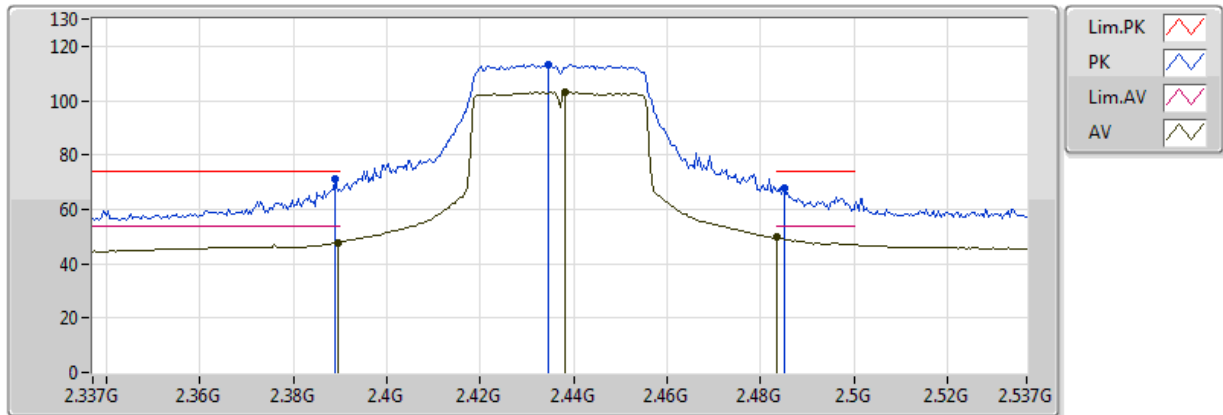


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	49.22	54.00	-4.78	30.77	3	Vertical	97	1.76	-
AV	2.4526G	103.71	Inf	-Inf	31.00	3	Vertical	97	1.76	-
AV	2.483502G	53.57	54.00	-0.43	31.11	3	Vertical	97	1.76	-
PK	2.3874G	69.74	74.00	-4.26	30.76	3	Vertical	97	1.76	-
PK	2.4438G	114.37	Inf	-Inf	30.97	3	Vertical	97	1.76	-
PK	2.483502G	72.96	74.00	-1.04	31.11	3	Vertical	97	1.76	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

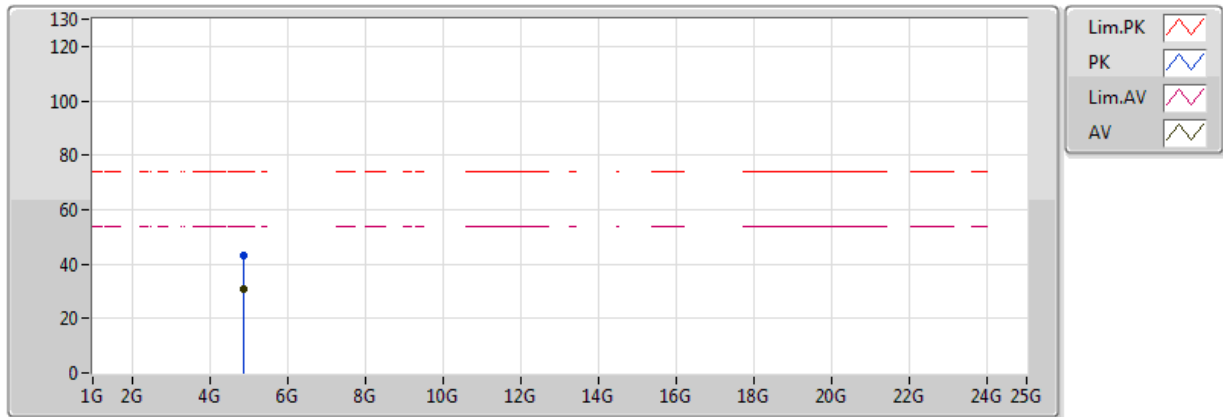


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3894G	47.88	54.00	-6.12	30.77	3	Horizontal	289	1.79	-
AV	2.4382G	102.99	Inf	-Inf	30.95	3	Horizontal	289	1.79	-
AV	2.483502G	49.64	54.00	-4.36	31.11	3	Horizontal	289	1.79	-
PK	2.389G	71.14	74.00	-2.86	30.77	3	Horizontal	289	1.79	-
PK	2.4346G	113.38	Inf	-Inf	30.93	3	Horizontal	289	1.79	-
PK	2.485G	67.97	74.00	-6.03	31.12	3	Horizontal	289	1.79	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

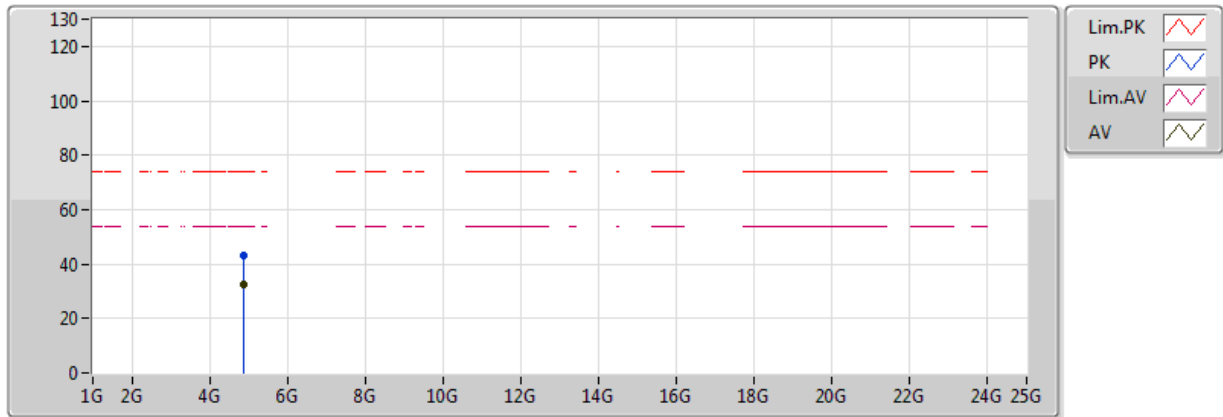


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	30.56	54.00	-23.44	2.19	3	Vertical	232	2.76	-
PK	4.87802G	42.88	74.00	-31.12	2.20	3	Vertical	232	2.76	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

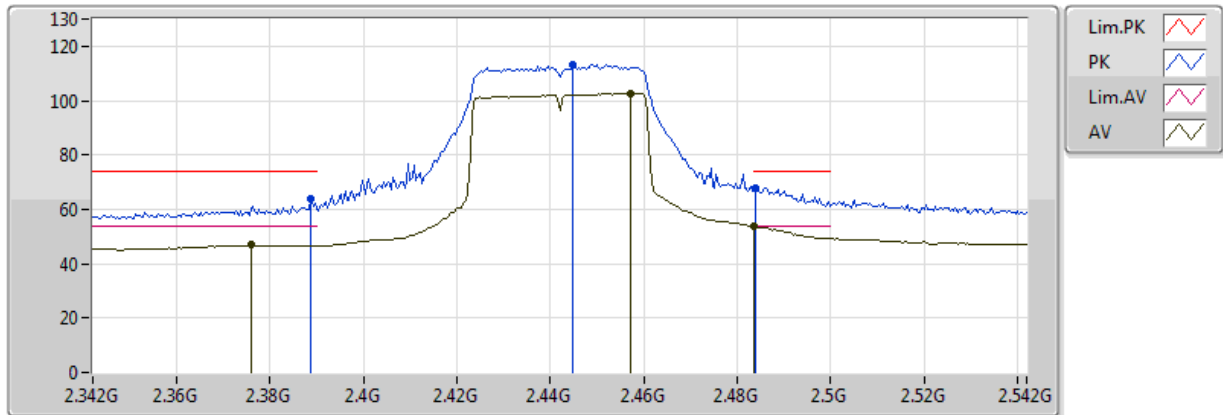


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.874G	32.26	54.00	-21.74	2.19	3	Horizontal	69	1.79	-
PK	4.87406G	43.36	74.00	-30.64	2.19	3	Horizontal	69	1.79	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

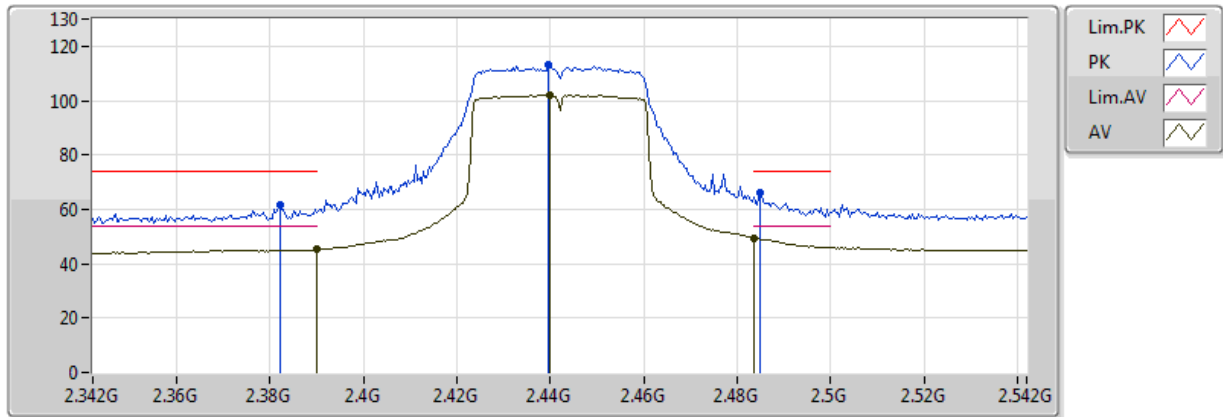


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	46.90	54.00	-7.10	30.72	3	Vertical	94	1.95	-
AV	2.4572G	102.72	Inf	-Inf	31.02	3	Vertical	94	1.95	-
AV	2.483502G	53.75	54.00	-0.25	31.11	3	Vertical	94	1.95	-
PK	2.3888G	63.70	74.00	-10.30	30.77	3	Vertical	94	1.95	-
PK	2.4448G	113.08	Inf	-Inf	30.97	3	Vertical	94	1.95	-
PK	2.484G	68.08	74.00	-5.92	31.12	3	Vertical	94	1.95	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

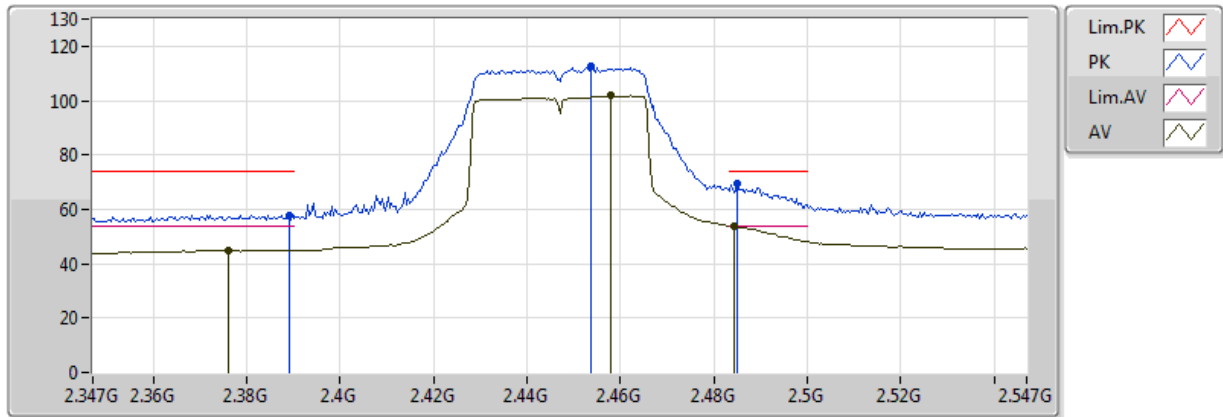


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	45.11	54.00	-8.89	30.77	3	Horizontal	277	1.65	-
AV	2.44G	101.99	Inf	-Inf	30.95	3	Horizontal	277	1.65	-
AV	2.483502G	49.58	54.00	-4.42	31.11	3	Horizontal	277	1.65	-
PK	2.382G	61.55	74.00	-12.45	30.75	3	Horizontal	277	1.65	-
PK	2.4396G	112.93	Inf	-Inf	30.95	3	Horizontal	277	1.65	-
PK	2.4848G	66.01	74.00	-7.99	31.12	3	Horizontal	277	1.65	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

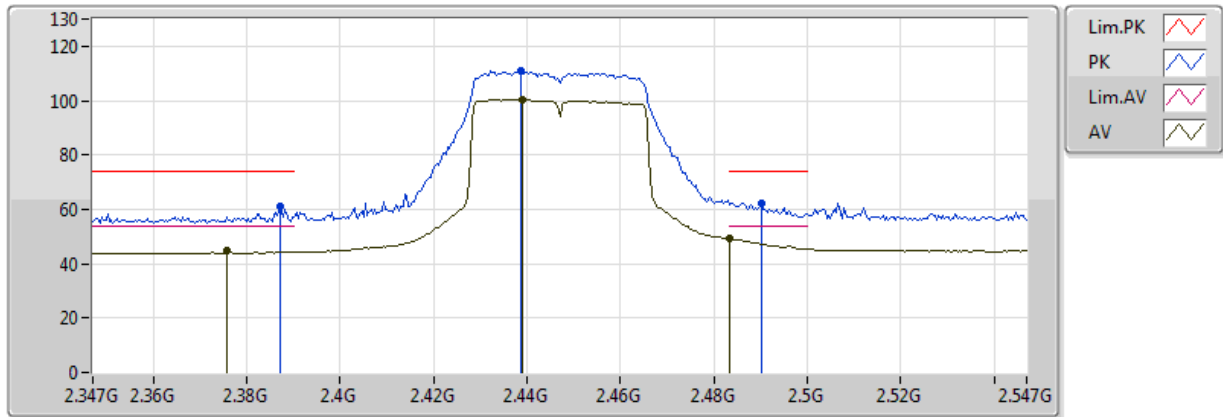


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3762G	45.08	54.00	-8.92	30.72	3	Vertical	96	1.98	-
AV	2.4578G	101.79	Inf	-Inf	31.02	3	Vertical	96	1.98	-
AV	2.4842G	53.93	54.00	-0.07	31.12	3	Vertical	96	1.98	-
PK	2.389G	57.94	74.00	-16.06	30.77	3	Vertical	96	1.98	-
PK	2.4538G	112.35	Inf	-Inf	31.00	3	Vertical	96	1.98	-
PK	2.485G	69.56	74.00	-4.44	31.12	3	Vertical	96	1.98	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

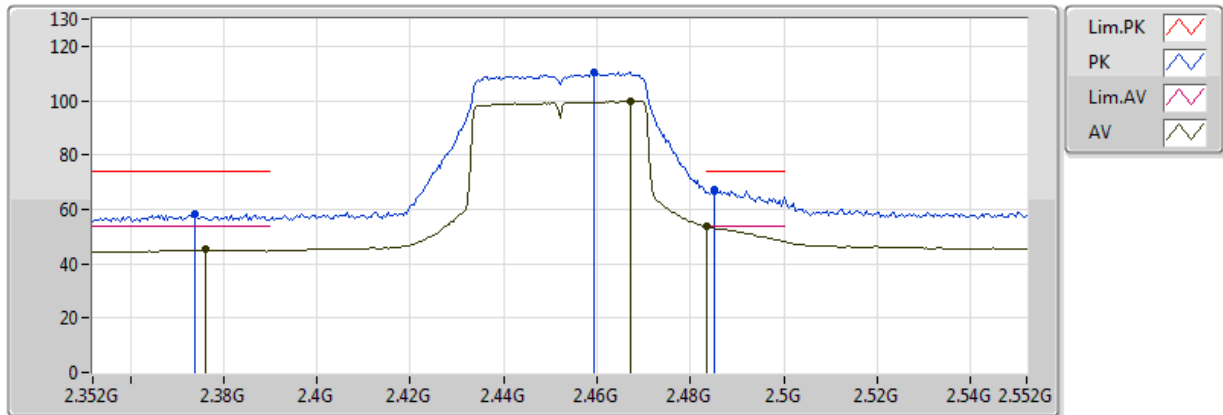


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3758G	44.71	54.00	-9.29	30.72	3	Horizontal	285	1.79	-
AV	2.439G	100.28	Inf	-Inf	30.95	3	Horizontal	285	1.79	-
AV	2.483502G	49.08	54.00	-4.92	31.11	3	Horizontal	285	1.79	-
PK	2.387G	60.94	74.00	-13.06	30.76	3	Horizontal	285	1.79	-
PK	2.4386G	110.92	Inf	-Inf	30.95	3	Horizontal	285	1.79	-
PK	2.4902G	62.44	74.00	-11.56	31.13	3	Horizontal	285	1.79	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

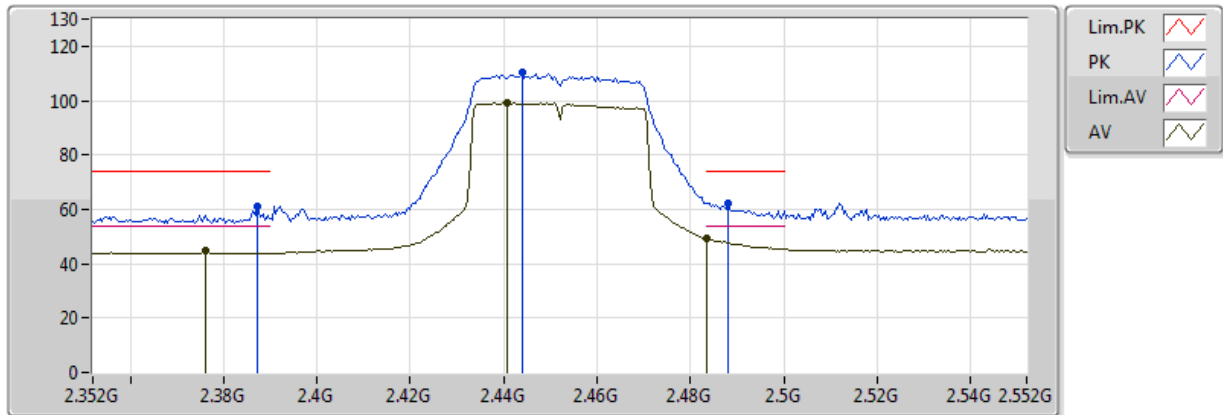


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	45.37	54.00	-8.63	30.72	3	Vertical	100	1.96	-
AV	2.4672G	99.97	Inf	-Inf	31.05	3	Vertical	100	1.96	-
AV	2.483502G	53.53	54.00	-0.47	31.11	3	Vertical	100	1.96	-
PK	2.374G	58.41	74.00	-15.59	30.72	3	Vertical	100	1.96	-
PK	2.4592G	110.37	Inf	-Inf	31.02	3	Vertical	100	1.96	-
PK	2.4852G	67.12	74.00	-6.88	31.12	3	Vertical	100	1.96	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

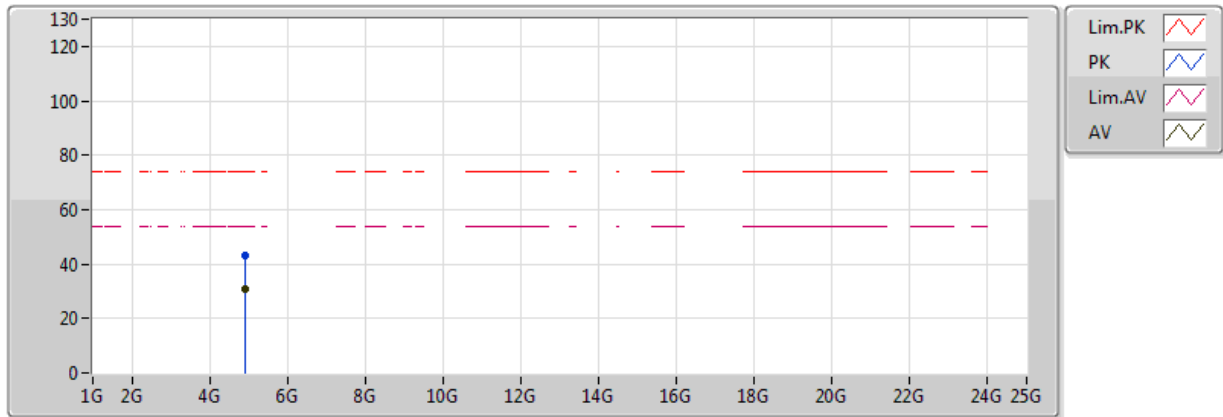


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	44.68	54.00	-9.32	30.72	3	Horizontal	285	1.82	-
AV	2.4408G	99.05	Inf	-Inf	30.96	3	Horizontal	285	1.82	-
AV	2.483502G	49.14	54.00	-4.86	31.11	3	Horizontal	285	1.82	-
PK	2.3872G	60.98	74.00	-13.02	30.76	3	Horizontal	285	1.82	-
PK	2.444G	110.27	Inf	-Inf	30.97	3	Horizontal	285	1.82	-
PK	2.488G	62.08	74.00	-11.92	31.13	3	Horizontal	285	1.82	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

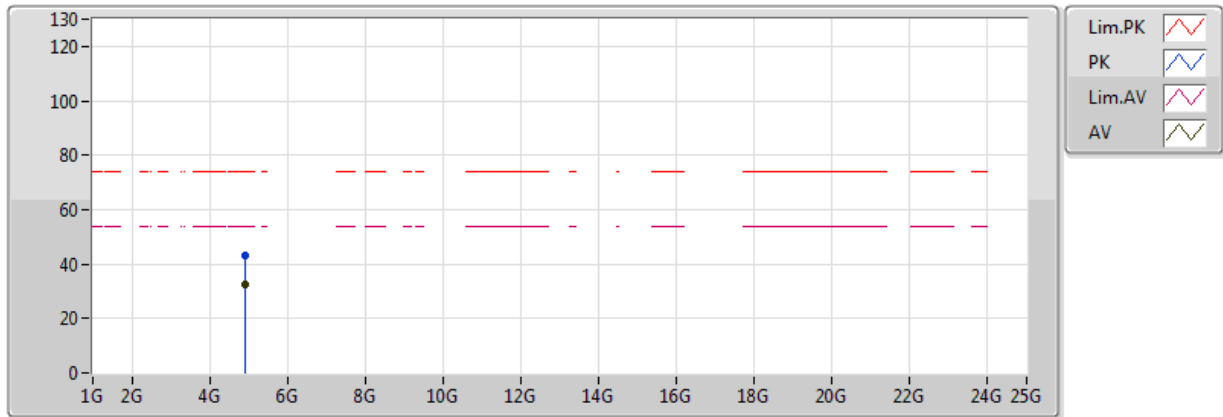


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90394G	30.80	54.00	-23.20	2.26	3	Vertical	242	1.74	-
PK	4.9043G	42.87	74.00	-31.13	2.26	3	Vertical	242	1.74	-

802.11ac VHT40_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

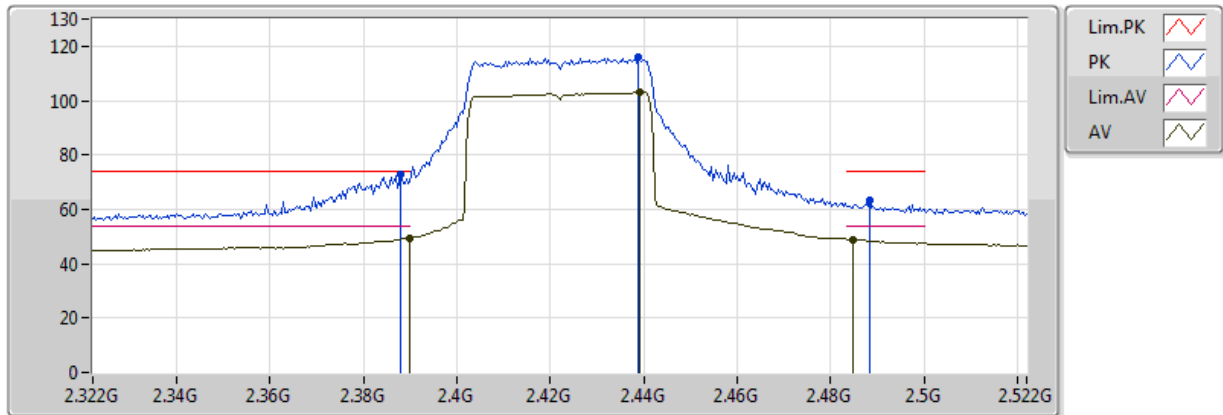


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.904G	32.22	54.00	-21.78	2.26	3	Horizontal	70	1.52	-
PK	4.90406G	43.16	74.00	-30.84	2.26	3	Horizontal	70	1.52	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

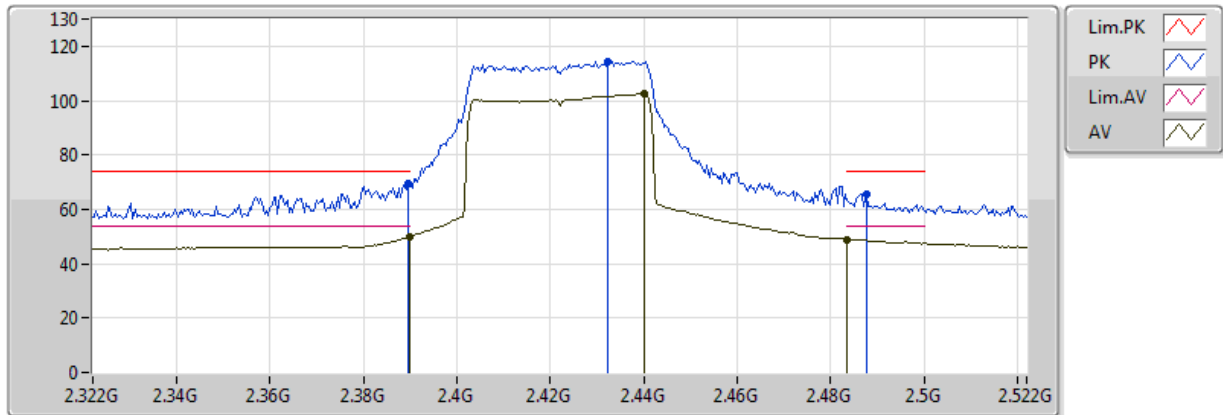


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.40	54.00	-4.60	30.77	3	Vertical	106	1.76	-
AV	2.4392G	103.15	Inf	-Inf	30.95	3	Vertical	106	1.76	-
AV	2.4848G	48.94	54.00	-5.06	31.12	3	Vertical	106	1.76	-
PK	2.388G	72.69	74.00	-1.31	30.77	3	Vertical	106	1.76	-
PK	2.4388G	115.99	Inf	-Inf	30.95	3	Vertical	106	1.76	-
PK	2.4884G	63.21	74.00	-10.79	31.13	3	Vertical	106	1.76	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

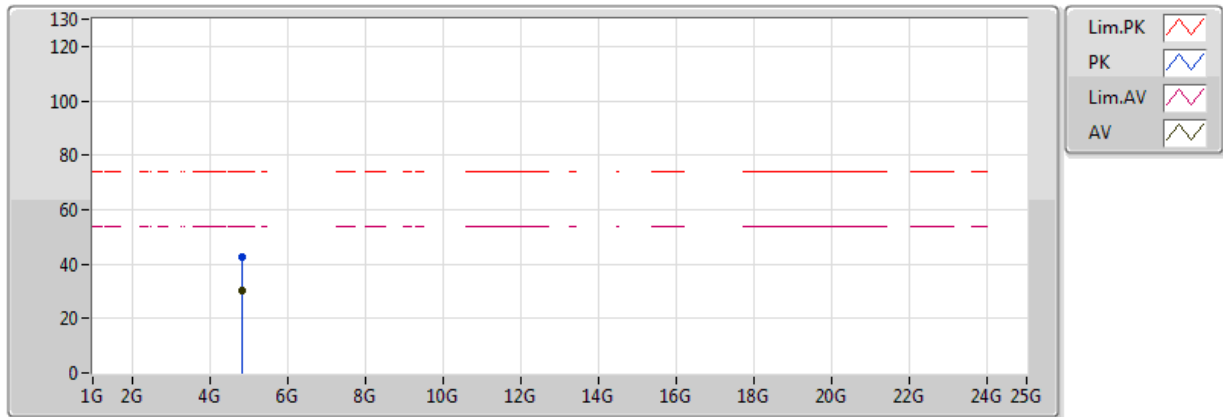


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	50.00	54.00	-4.00	30.77	3	Horizontal	286	1.82	-
AV	2.44G	102.42	Inf	-Inf	30.95	3	Horizontal	286	1.82	-
AV	2.483502G	48.96	54.00	-5.04	31.11	3	Horizontal	286	1.82	-
PK	2.3896G	69.39	74.00	-4.61	30.77	3	Horizontal	286	1.82	-
PK	2.4324G	114.59	Inf	-Inf	30.93	3	Horizontal	286	1.82	-
PK	2.4876G	65.72	74.00	-8.28	31.13	3	Horizontal	286	1.82	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

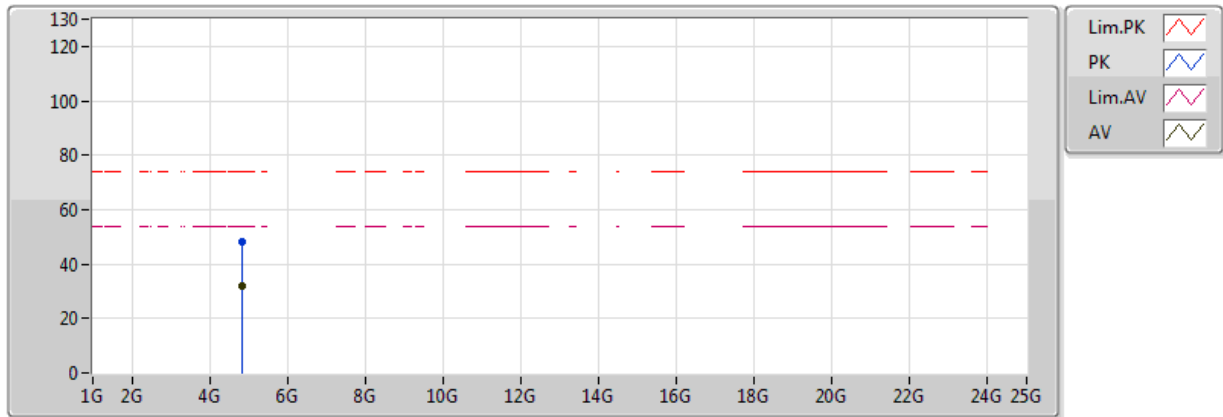


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.844G	30.10	54.00	-23.90	2.13	3	Vertical	247	3.14	-
PK	4.82978G	42.41	74.00	-31.59	2.10	3	Vertical	247	3.14	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/06/2018

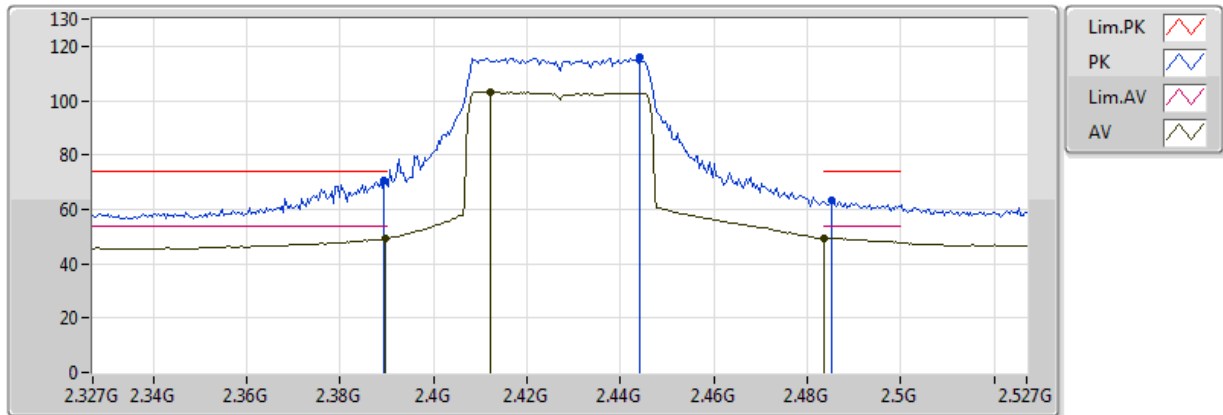


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.84388G	32.13	54.00	-21.87	2.13	3	Horizontal	89	1.91	-
PK	4.8464G	47.91	74.00	-26.09	2.13	3	Horizontal	89	1.91	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

12/06/2018

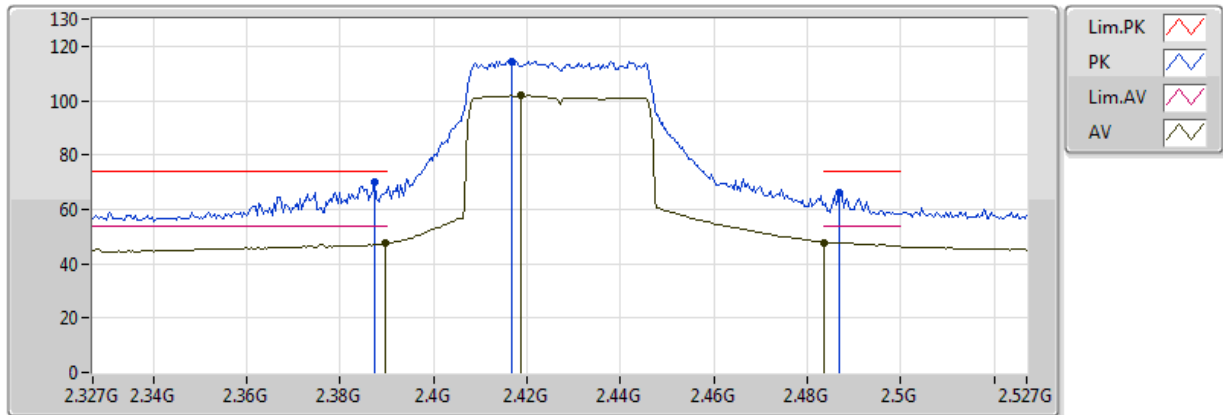


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	49.33	54.00	-4.67	30.77	3	Vertical	117	2.01	-
AV	2.4122G	103.23	Inf	-Inf	30.85	3	Vertical	117	2.01	-
AV	2.483502G	49.49	54.00	-4.51	31.11	3	Vertical	117	2.01	-
PK	2.3894G	70.55	74.00	-3.45	30.77	3	Vertical	117	2.01	-
PK	2.4442G	116.06	Inf	-Inf	30.97	3	Vertical	117	2.01	-
PK	2.4854G	63.24	74.00	-10.76	31.12	3	Vertical	117	2.01	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

12/06/2018

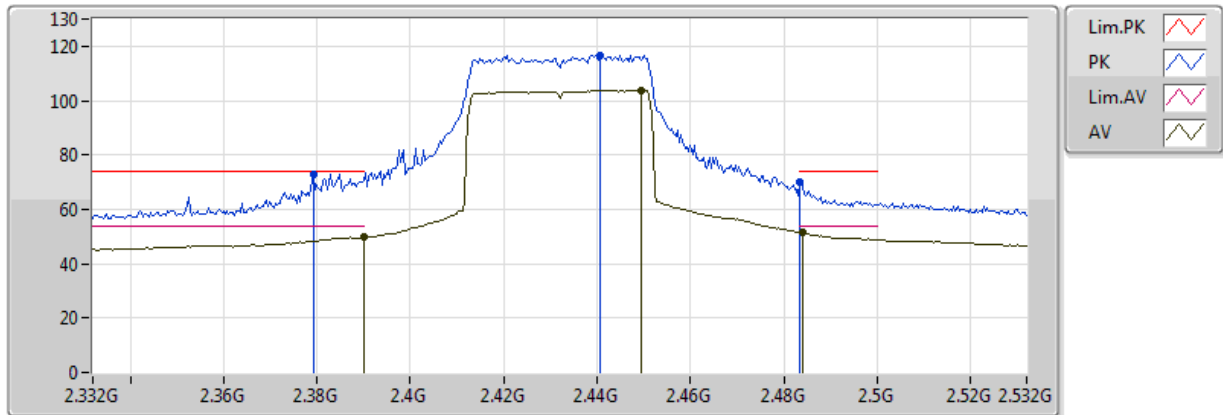


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	47.54	54.00	-6.46	30.77	3	Horizontal	296	1.89	-
AV	2.4186G	101.80	Inf	-Inf	30.88	3	Horizontal	296	1.89	-
AV	2.483502G	47.87	54.00	-6.13	31.11	3	Horizontal	296	1.89	-
PK	2.3874G	69.96	74.00	-4.04	30.76	3	Horizontal	296	1.89	-
PK	2.4166G	114.46	Inf	-Inf	30.87	3	Horizontal	296	1.89	-
PK	2.487G	66.18	74.00	-7.82	31.12	3	Horizontal	296	1.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2432MHz_TX

12/06/2018

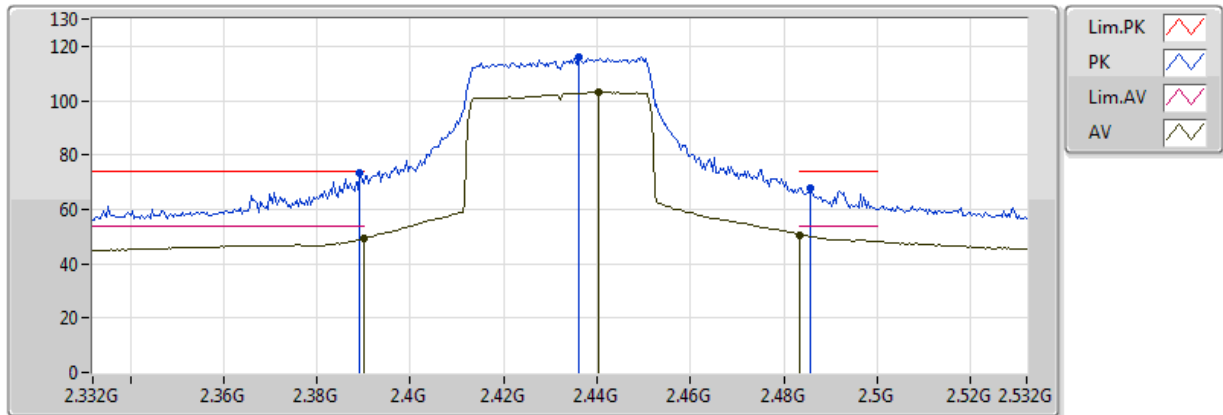


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.70	54.00	-4.30	30.77	3	Vertical	104	1.75	-
AV	2.4496G	103.76	Inf	-Inf	30.99	3	Vertical	104	1.75	-
AV	2.484G	51.31	54.00	-2.69	31.12	3	Vertical	104	1.75	-
PK	2.3792G	72.76	74.00	-1.24	30.74	3	Vertical	104	1.75	-
PK	2.4408G	116.77	Inf	-Inf	30.96	3	Vertical	104	1.75	-
PK	2.483502G	69.89	74.00	-4.11	31.11	3	Vertical	104	1.75	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2432MHz_TX

12/06/2018

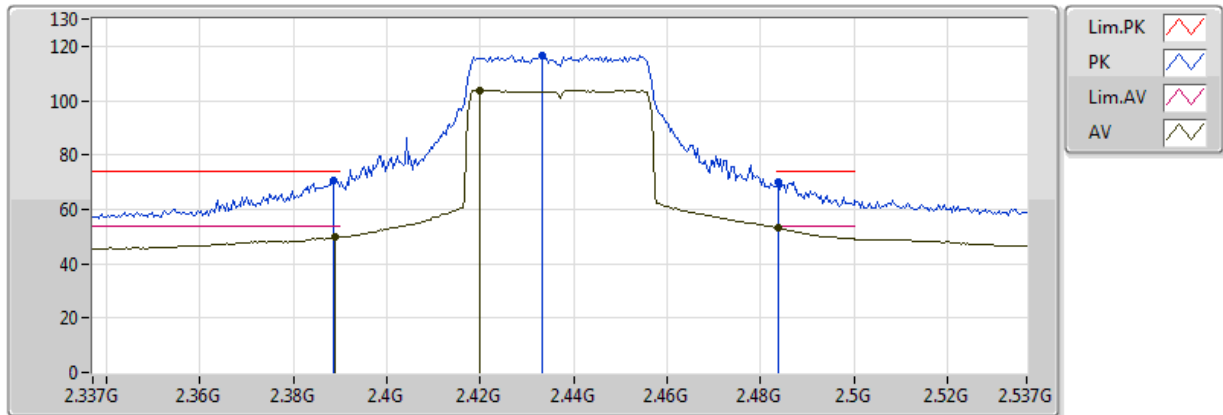


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	49.18	54.00	-4.82	30.77	3	Horizontal	295	1.82	-
AV	2.4404G	103.08	Inf	-Inf	30.96	3	Horizontal	295	1.82	-
AV	2.483502G	50.67	54.00	-3.33	31.11	3	Horizontal	295	1.82	-
PK	2.3892G	73.47	74.00	-0.53	30.77	3	Horizontal	295	1.82	-
PK	2.436G	115.88	Inf	-Inf	30.94	3	Horizontal	295	1.82	-
PK	2.4856G	67.79	74.00	-6.21	31.12	3	Horizontal	295	1.82	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

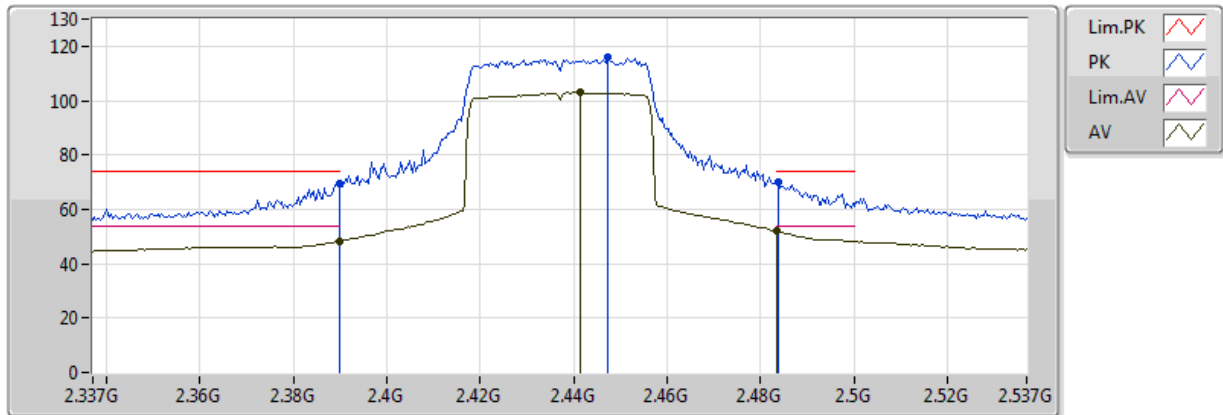


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389G	49.72	54.00	-4.28	30.77	3	Vertical	119	1.81	-
AV	2.4198G	103.94	Inf	-Inf	30.88	3	Vertical	119	1.81	-
AV	2.4838G	53.30	54.00	-0.70	31.11	3	Vertical	119	1.81	-
PK	2.3886G	70.80	74.00	-3.20	30.77	3	Vertical	119	1.81	-
PK	2.4334G	116.62	Inf	-Inf	30.93	3	Vertical	119	1.81	-
PK	2.4838G	70.10	74.00	-3.90	31.11	3	Vertical	119	1.81	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

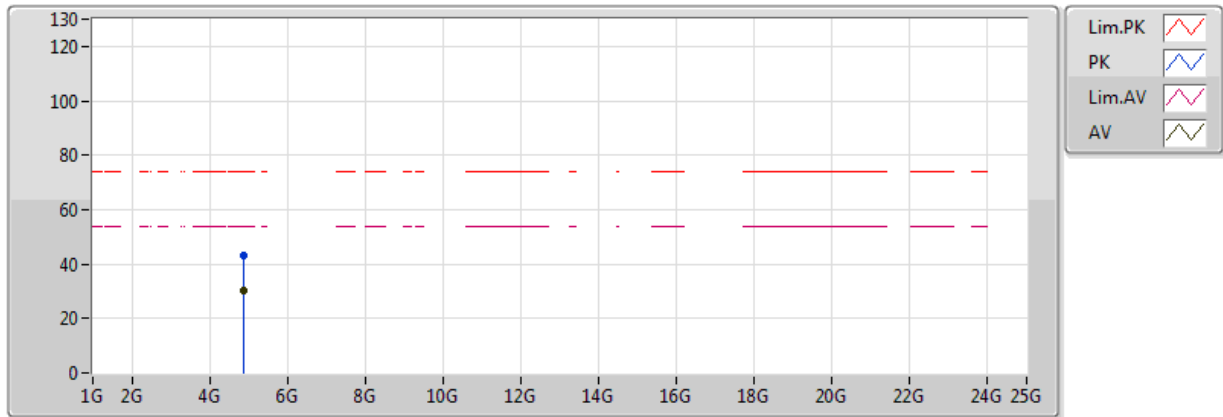


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3898G	48.30	54.00	-5.70	30.77	3	Horizontal	300	1.63	-
AV	2.4414G	102.97	Inf	-Inf	30.96	3	Horizontal	300	1.63	-
AV	2.483502G	51.97	54.00	-2.03	31.11	3	Horizontal	300	1.63	-
PK	2.3898G	69.64	74.00	-4.36	30.77	3	Horizontal	300	1.63	-
PK	2.4474G	115.74	Inf	-Inf	30.98	3	Horizontal	300	1.63	-
PK	2.4838G	70.23	74.00	-3.77	31.11	3	Horizontal	300	1.63	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

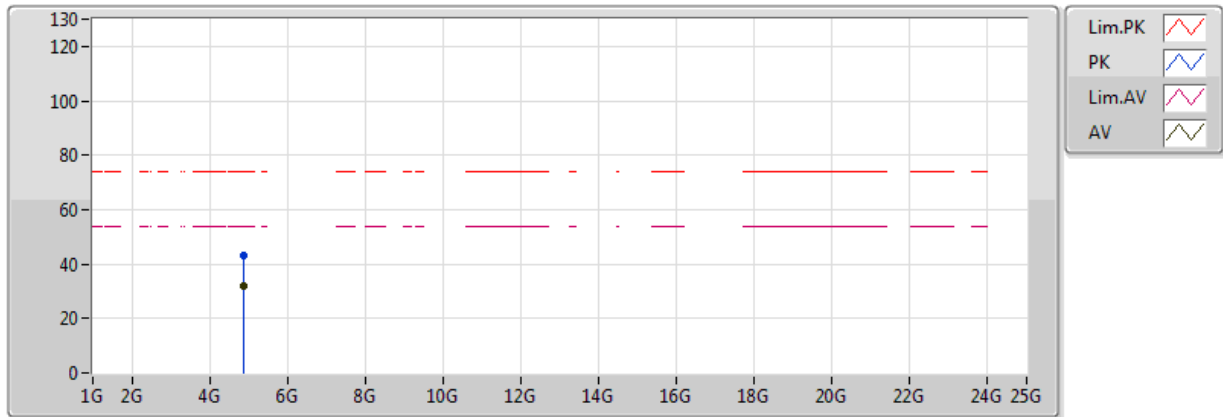


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87382G	30.14	54.00	-23.86	2.19	3	Vertical	253	3.06	-
PK	4.8752G	43.09	74.00	-30.91	2.20	3	Vertical	253	3.06	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/06/2018

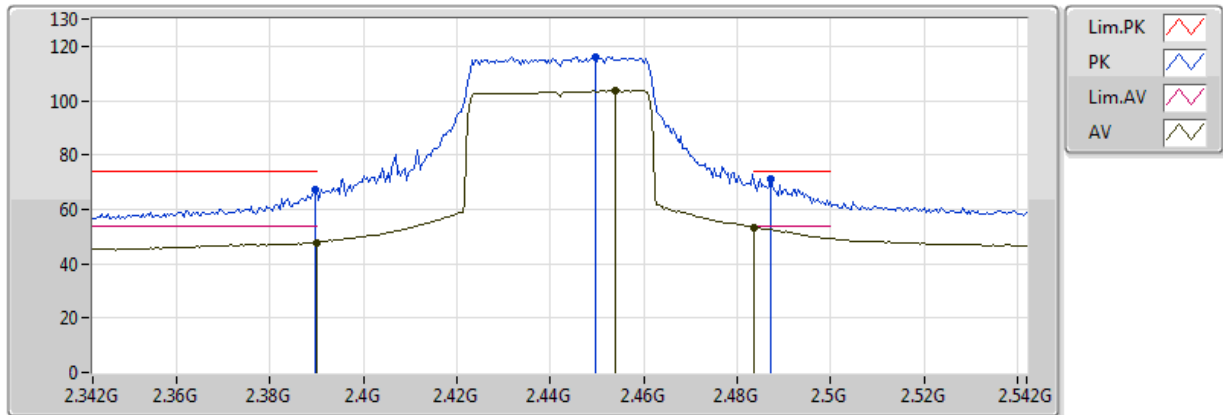


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.87394G	32.21	54.00	-21.79	2.19	3	Horizontal	92	1.01	-
PK	4.88582G	43.05	74.00	-30.95	2.22	3	Horizontal	92	1.01	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

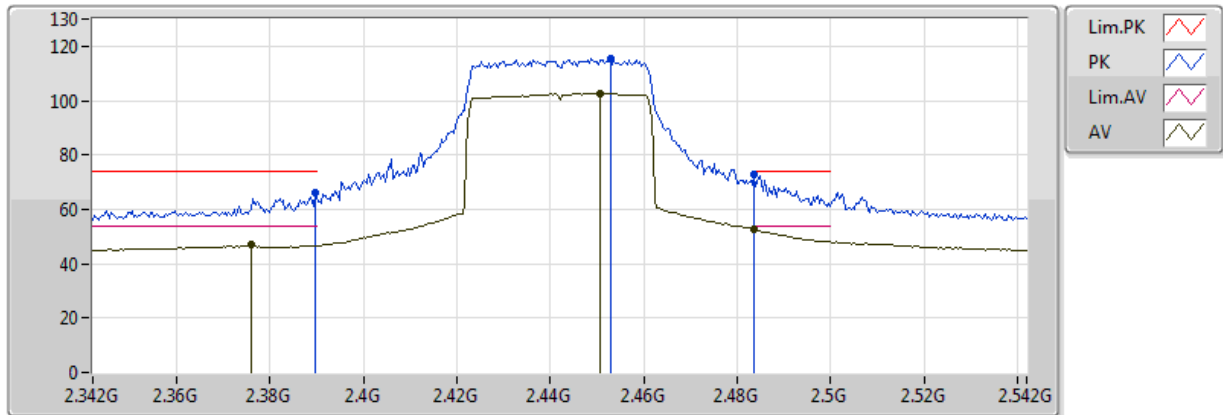


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.389998G	47.82	54.00	-6.18	30.77	3	Vertical	103	1.99	-
AV	2.454G	103.55	Inf	-Inf	31.00	3	Vertical	103	1.99	-
AV	2.483502G	53.43	54.00	-0.57	31.11	3	Vertical	103	1.99	-
PK	2.3896G	67.44	74.00	-6.56	30.77	3	Vertical	103	1.99	-
PK	2.4496G	115.97	Inf	-Inf	30.99	3	Vertical	103	1.99	-
PK	2.4872G	71.10	74.00	-2.90	31.12	3	Vertical	103	1.99	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2442MHz_TX

12/06/2018

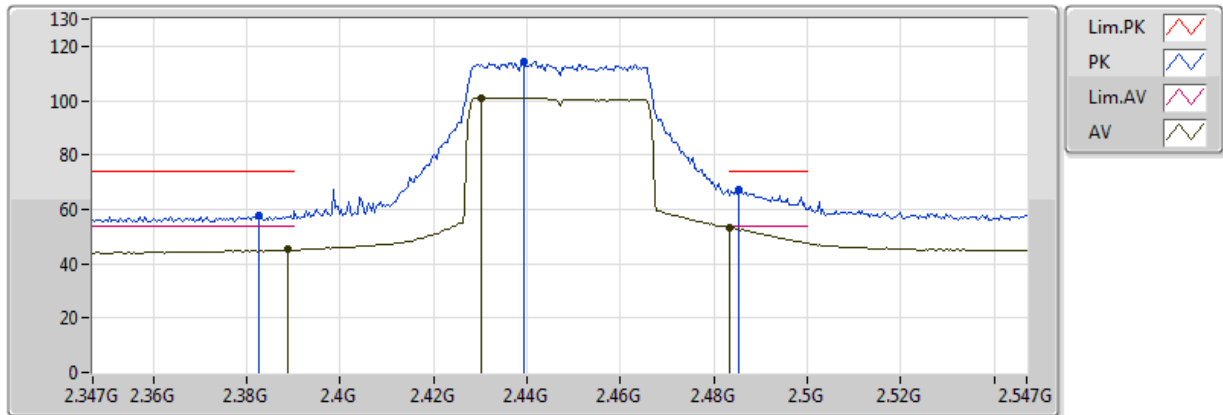


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	46.89	54.00	-7.11	30.72	3	Horizontal	296	1.85	-
AV	2.4508G	102.61	Inf	-Inf	30.99	3	Horizontal	296	1.85	-
AV	2.483502G	52.47	54.00	-1.53	31.11	3	Horizontal	296	1.85	-
PK	2.3896G	66.02	74.00	-7.98	30.77	3	Horizontal	296	1.85	-
PK	2.4528G	115.50	Inf	-Inf	31.00	3	Horizontal	296	1.85	-
PK	2.483502G	72.59	74.00	-1.41	31.11	3	Horizontal	296	1.85	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

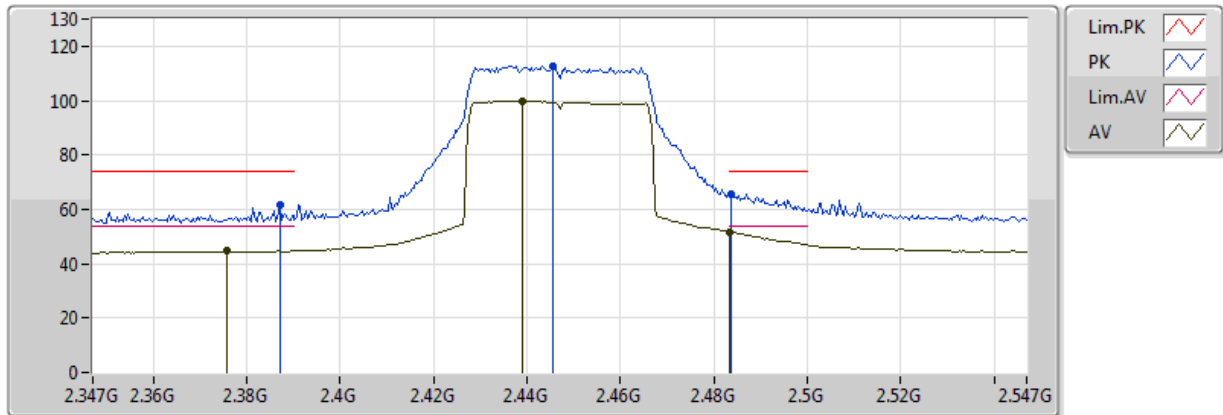


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3886G	45.12	54.00	-8.88	30.77	3	Vertical	111	2.23	-
AV	2.4302G	101.14	Inf	-Inf	30.92	3	Vertical	111	2.23	-
AV	2.483502G	53.35	54.00	-0.65	31.11	3	Vertical	111	2.23	-
PK	2.3826G	57.63	74.00	-16.37	30.75	3	Vertical	111	2.23	-
PK	2.4394G	114.22	Inf	-Inf	30.95	3	Vertical	111	2.23	-
PK	2.4854G	67.34	74.00	-6.66	31.12	3	Vertical	111	2.23	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

12/06/2018

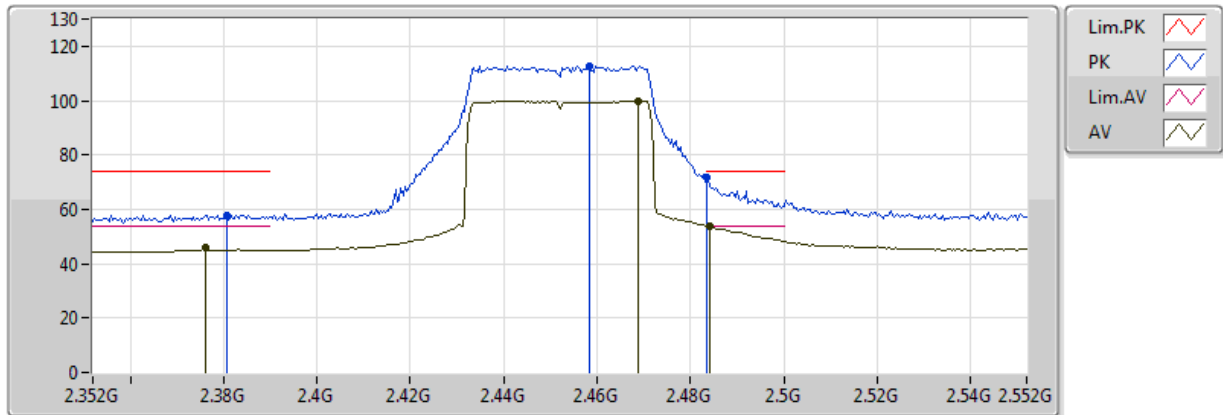


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.3758G	45.02	54.00	-8.98	30.72	3	Horizontal	293	1.81	-
AV	2.439G	99.98	Inf	-Inf	30.95	3	Horizontal	293	1.81	-
AV	2.483502G	51.69	54.00	-2.31	31.11	3	Horizontal	293	1.81	-
PK	2.387G	61.71	74.00	-12.29	30.76	3	Horizontal	293	1.81	-
PK	2.4454G	112.85	Inf	-Inf	30.97	3	Horizontal	293	1.81	-
PK	2.4838G	65.37	74.00	-8.63	31.11	3	Horizontal	293	1.81	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

12/06/2018

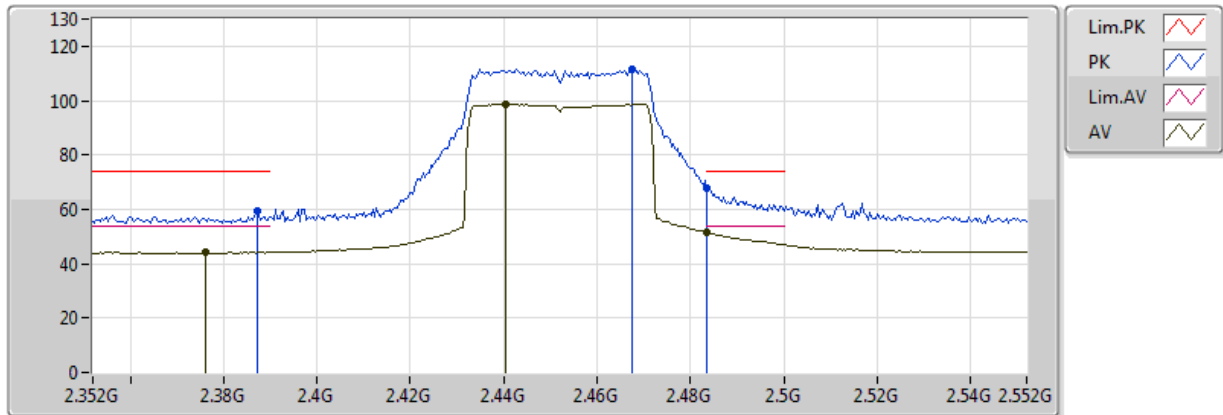


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	45.67	54.00	-8.33	30.72	3	Vertical	118	1.77	-
AV	2.4688G	100.02	Inf	-Inf	31.06	3	Vertical	118	1.77	-
AV	2.484G	53.80	54.00	-0.20	31.12	3	Vertical	118	1.77	-
PK	2.3808G	57.89	74.00	-16.11	30.75	3	Vertical	118	1.77	-
PK	2.4584G	112.74	Inf	-Inf	31.02	3	Vertical	118	1.77	-
PK	2.483502G	71.68	74.00	-2.32	31.11	3	Vertical	118	1.77	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

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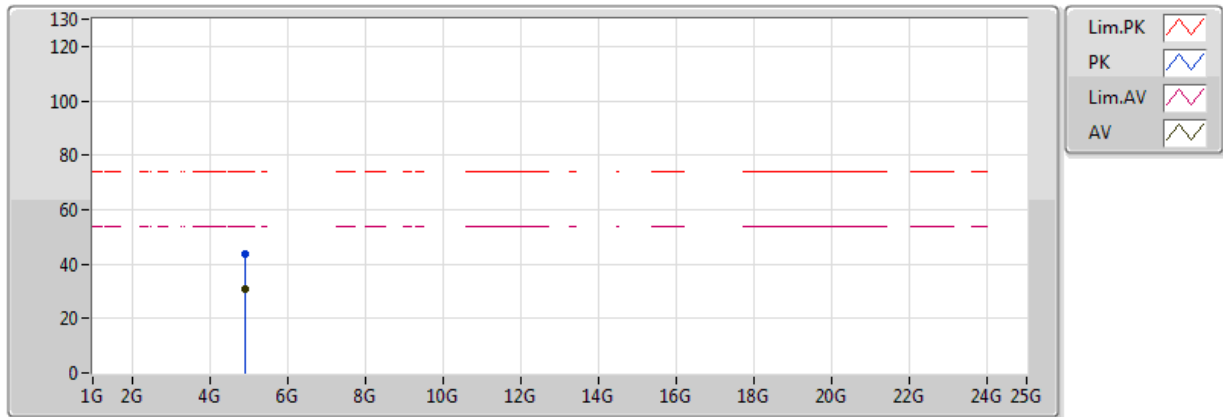


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	2.376G	44.40	54.00	-9.60	30.72	3	Horizontal	301	1.62	-
AV	2.4404G	98.72	Inf	-Inf	30.96	3	Horizontal	301	1.62	-
AV	2.483502G	51.41	54.00	-2.59	31.11	3	Horizontal	301	1.62	-
PK	2.3872G	59.58	74.00	-14.42	30.76	3	Horizontal	301	1.62	-
PK	2.4676G	111.72	Inf	-Inf	31.05	3	Horizontal	301	1.62	-
PK	2.483502G	67.96	74.00	-6.04	31.11	3	Horizontal	301	1.62	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

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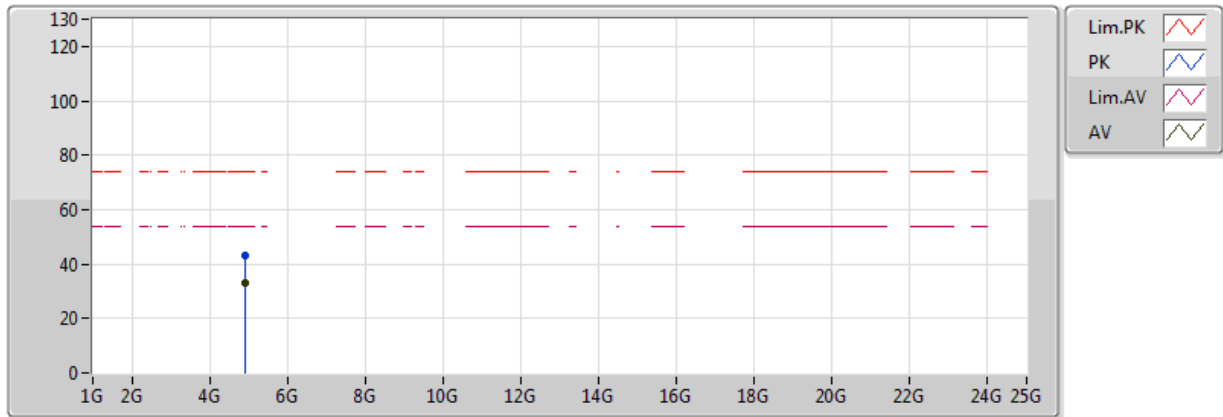


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	4.90394G	30.76	54.00	-23.24	2.26	3	Vertical	257	1.45	-
PK	4.90352G	43.95	74.00	-30.05	2.26	3	Vertical	257	1.45	-

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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	4.90394G	32.81	54.00	-21.19	2.26	3	Horizontal	315	1.43	-
PK	4.904G	42.93	74.00	-31.07	2.26	3	Horizontal	315	1.43	-