FCC Test Report

FCC ID	:	**PPQ-WP9333**
Equipment	:	**802.11 a/n/ac + b/g/n Access Point**
Brand Name	:	**LITE-ON, MOJO, ARISTA, WatchGuard**
Model Name	:	**WP9333,WP9331,O-105, WP9331-FM, O-105E, AP327X**
Applicant	:	**LITE-ON Technology Corp. Bldg. C, 90, Chien 1 Rd., Chung-Ho, New Taipei City, 23585 Taiwan**
Manufacturer	:	**Lite-On Network Communication (Dongguan) Limited 30#Keji Rd.,Yin Hu Industrial Area,Qingxi Town,DongGuan City,Guangdong,China**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jan. 17, 2019, and testing was started from Jan. 26, 2019 and completed on Feb. 01, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR790613-04AC	01	Initial issue of report	Mar. 29, 2019

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ac VHT20	20	2TX
2.4-2.4835GHz	802.11ac VHT40	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

SKU#	Ant.	Port	Brand	Model Name	Antenna Type	Connector	Radio
1~8	1	2	Walsin	RFMTA400809MMLB901	Metal Antenna	MMCX	1
	2	1	Walsin	RFMTA400811MMLB901	Metal Antenna	MMCX	1
	3	2	Walsin	RFMTA400814MM5B901	Metal Antenna	MMCX	2
	4	1	Walsin	RFMTA400816MM5B901	Metal Antenna	MMCX	2
	5	2	Master Wave Technology Co., Ltd	98P7RPIPF000	PCB Antenna	I-PEX	3
	6	1	Master Wave Technology Co., Ltd	98P7RPIPF001	PCB Antenna	I-PEX	3
	7	1	Walsin	RFPCA381017MMAB702	PCB Antenna	MMCX	4
9	8	2	MasterWave	98615MNXX003	Dipole	N-type	1
	9	1					
	10	2	MasterWave	98615UNXX005	Dipole	N-type	2
	11	1					
10	12	2	Senao	5718A0394300	Dipole	N-type	1
	13	1					
	14	2	Senao	5718A0394300	Dipole	N-type	2
	15	1					
9~10	16	1	LITEON	30100011316D	PCB Antenna	MMCX	4

Ant.	Gain (dBi)						
	Radio 1	Radio 2		Radio 3			Radio 4
	2.4G	5G U-NII-1	5G U-NII-3	2.4G	5G U-NII-1	5G U-NII-3	BT
	with cable loss	with cable loss	with cable loss	with cable loss	with cable loss	with cable loss	with cable loss
1	5.9	-	-	-	-	-	-
2	5.9	-	-	-	-	-	-
3	-	6.2	6.4	-	-	-	-
4	-	6.2	6.4	-	-	-	-
5	-	-	-	6.5	4.7	6.0	-
6	-	-	-	6.5	4.8	5.5	-
7	-	-	-	-	-	-	8.6

Ant.	Gain (dBi)						
	Radio 1		Radio 2				Radio 4
	2.4G		5G U-NII-1		5G U-NII-3		BT
	without cable loss	with cable loss	without cable loss	with cable loss	without cable loss	with cable loss	with cable loss
8	5.0	4.46	-	-	-	-	-
9	5.0	4.46	-	-	-	-	-
10	-	-	7.0	6.19	7.0	6.19	-
11	-	-	7.0	6.19	7.0	6.19	-
12	5.5	4.96	-	-	-	-	-
13	5.5	4.96	-	-	-	-	-
14	-	-	7.0	6.19	7.0	6.19	-
15	-	-	7.0	6.19	7.0	6.19	-
16	-	-	-	-	-	-	8

Note 1: Regarding to more detail and other information, please refer to 1.1.5.

Note 2: The SKU#1~2 contain Radio 3 (2.4G)/(5G) RF module(Model Name: WM862FEMD, FCC ID: PPQ-WM862FEMD).

Note 3: For WiFi Function ; SKU# 1~8 use Internal antenna system, and SKU# 9~10 use external antenna system.

Note 4: The antenna gain with cable loss and was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4 GHz function:

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

Radio 1

SKU#1~8: Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive simultaneously.

SKU#9: Ant. 8 (port 2), Ant. 9 (port 1) could transmit/receive simultaneously.

SKU#10: Ant. 12 (port 2) and Ant. 13 (port 1) could transmit/receive simultaneously.

Radio 3

SKU#1~2: Ant. 5 (port 2) and Ant. 6 (port 1) could transmit/receive simultaneously.

For 5 GHz function:

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

Radio 2 (For U-NII-1 and U-NII-3)

SKU#1~8: Ant. 3 (port 2) and Ant. 4 (port 1) could transmit/receive simultaneously.

SKU#9: Ant. 10 (port 2), Ant. 11 (port 1) could transmit/receive simultaneously.

SKU#10: Ant. 14 (port 2) and Ant. 15 (port 1) could transmit/receive simultaneously.

Radio 3 (For U-NII-1 and U-NII-3)

SKU#1~2: Ant. 5 (port 2) and Ant. 6 (port 1) could transmit/receive simultaneously.

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Radio 4

SKU#1~8: Only Ant. 7 (port 1) can be used as transmitting/receiving antenna.

SKU#9~10: Only Ant. 16 (port 1) can be used as transmitting/receiving antenna.

- The Signals support CDD and correlated, and transmits simultaneously in multiple channels in single or multiple frequency bands.
- If all antennas have the same gain, GANT:
  Directional gain = GANT + 10 log(NANT/NSS) dBi, where NSS = the number of independent spatial streams of data and GANT is the antenna gain in dBi. (This formula can also be applied when antennas have different gains if the highest antenna gain is substituted for GANT.)
- For power measurements on IEEE 802.11 devices,
  Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;
  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any NANT;
  Array Gain = 5 log(NANT/NSS) dB or 3 dB, whichever is less,for 20-MHz channel widths with NANT ≥ 5.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
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) ≥ 1/T
802.11b	0.993	0.031	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.965	0.155	2.04m	1k
802.11ac VHT20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.965	0.155	2.415m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

SKU#	Brand Name	Model Name	CPU	CPU Brand	DDR	DDR Brand	Flash	Flash Brand/Model	NAND	NAND Brand/Model
1	LITE-ON	WP9333	IPQ4029	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
2			IPQ4019	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
3		WP9331	IPQ4029	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
4			IPQ4019	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
5		WP9331 -FM	IPQ4029	Qualcomm Atheros	512	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
6	MOJO	O-105	IPQ4029	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
7			IPQ4019	Qualcomm Atheros	256	Micron	64	1x64 MX25L51245GMI-08G MXIC	-	-
							32X2	2x32 25Q256JVFQ WINBOND	-	-
8	ARISTA	O-105	IPQ4029 (I-TEMP)	Qualcomm Atheros	512	Micron	32	2x32 25Q256JVFQ WINBOND	128	MT29F1G08AB AEAWP-IT
9	**ARISTA**	**O-105E**	**IPQ4029 (I-TEMP)**	**Qualcomm Atheros**	**512**	**Micron**	**32**	**2x32 25Q256JVFQ WINBOND**	**128**	**MT29F1G08AB AEAWP-IT**
10	**WatchGuard**	**O-105E** / **AP327X**	**IPQ4029 (I-TEMP)**	**Qualcomm Atheros**	**512**	**Micron**	**32**	**2x32 25Q256JVFQ WINBOND**	**128**	**MT29F1G08AB AEAWP-IT**

SKU#	Brand Name	Model Name	Radio 1	Radio 2	Radio 3	Radio 4	SFP	EUT Power Type
1~2	LITE-ON	WP9333	V	V	V	V	V	AC main / PoE
3~4	LITE-ON	WP9331	V	V	X	V	V	PoE
5	LITE-ON	WP9331-FM	V	V	X	V	V	PoE
6~7	MOJO	O-105	V	V	X	V	V	PoE
8	ARISTA	O-105	V	V	X	V	X	PoE
9	**ARISTA**	**O-105E**	**V**	**V**	**X**	**V**	**X**	**PoE**
10	**WatchGuard**	**O-105E**	**V**	**V**	**X**	**V**	**X**	**PoE**
		AP327X						

Note:
Radio 1: 802.11ac 2.4G only
Radio 2: 802.11ac 5GHz on board
Radio 3: 802.11agnac PCIe card, 2.4G+5GB1/B4
Radio 4: Bluetooth (BT LE and BR/EDR) on board
The models O-105E & AP327X for Brand Name WatchGuard are identical. All the models are identical, the difference models served as marketing strategy.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR790613-03AC

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

Modifications	Performance Checking
1. Modified equipment name.	N/A
2. Upgrade BLE version from 4.0(CSR8811A08) to 4.2(CSR8811A12)	All
3. Add a new sample model name: O-105E & AP327X and new type antenna 8~15(only use for O-105E & AP327X).	
4. Add antenna 16 and change it's location for model name: O-105E & AP327X.	

Note. Regarding to more detail and other information, please refer to 1.1.5.

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 v05r01
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Andy	22.1~25°C / 50~60%	01/Feb/2019
Radiated (SKU#1)	03CH02-HY	Andy	22.6~23.5°C / 56~59%	26/Jan/2019~ 01/Feb/2019
Radiated (SKU#10)	03CH09-HY	Kevin	24~26°C / 54~57%	28/Jan/2019~ 31/Jan/2019
AC Conduction	CO04-HY	Andy	21.5~22.4°C / 52.7~53.3%	01/Feb/2019

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	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	QCRT version 3.0.210.0

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22.5
2417MHz	23.5
2437MHz	23.5
2462MHz	23.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20
2417MHz	21.5
2422MHz	23
2427MHz	24
2432MHz	25.5
2437MHz	26
2442MHz	26
2447MHz	24.5
2452MHz	23
2457MHz	21.5
2462MHz	20.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
2412MHz	21
2417MHz	21.5
2422MHz	23
2427MHz	23.5
2432MHz	25.5
2437MHz	25.5
2442MHz	25.5
2447MHz	24

Mode	PowerSetting
2452MHz	22.5
2457MHz	21.5
2462MHz	21
802.11ac VHT40_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	19
2432MHz	20.5
2437MHz	20.5
2447MHz	20.5
2452MHz	20

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	PoE mode, SKU #10

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	PoE mode, SKU #1		
2	PoE mode, SKU #10		
Operating Mode > 1GHz	CTX		
1	PoE mode, SKU #1		
2	PoE mode, SKU #10		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	1. Radio 1 (2.4G) + Radio 2 (5G) + Radio 3 (2.4G) + Radio 4 (BT)
2	2. Radio 1 (2.4G) + Radio 2 (5G) + Radio 3 (5G) + Radio 4 (BT)
Refer to Sporton Test Report No.: FA790613 for Co-location RF Exposure Evaluation.	

2.4 Accessories and Support Equipment

Accessories		
Ground Wire	**Signal Line**	6.4 meter, non-shielded cable, w/o ferrite core

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

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	PowerDsine	7001G	-

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC Source	G.W	APS-9102	-

For SUK #1

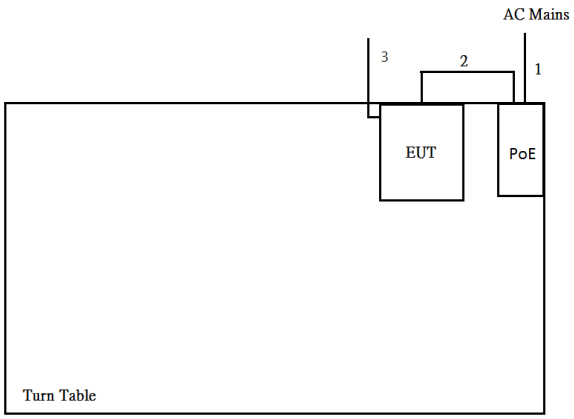
Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	PowerDsine	7001G	-

For SUK #10

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	D-Link	DWL-P200	-

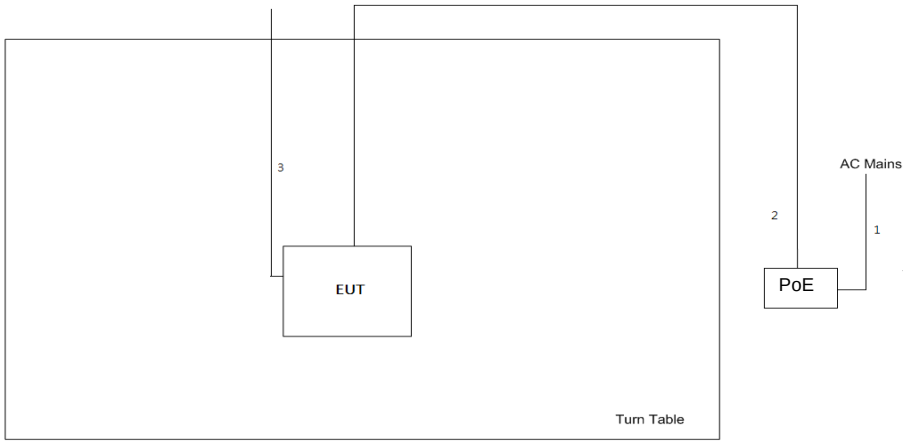
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.0	-
2	RJ45 Cable	No	10.0	-
3	Ground wire	No	6.4	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC power line	No	1.2
2	RJ-45 cable	No	10
3	Ground wire	No	6.4

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

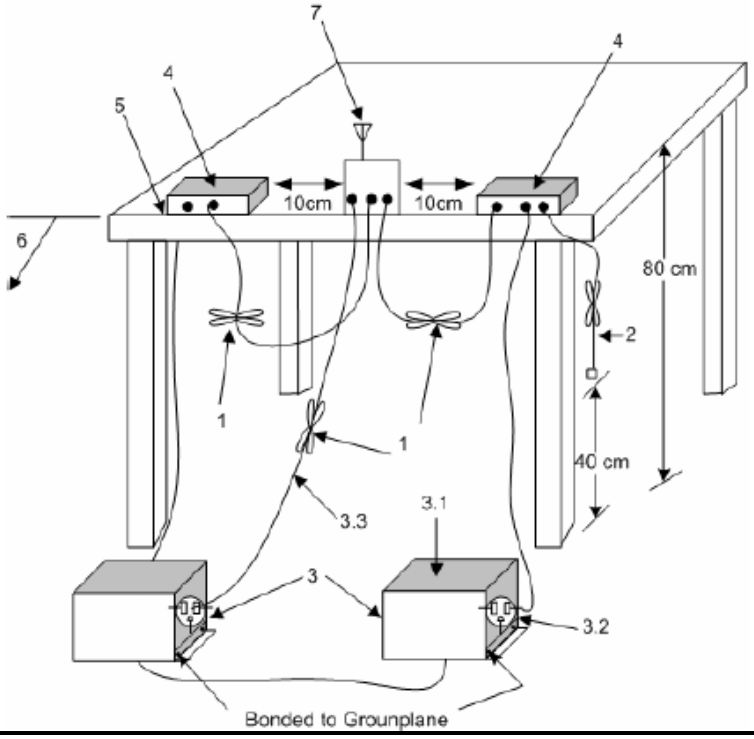
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



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 ≥ 500 kHz.

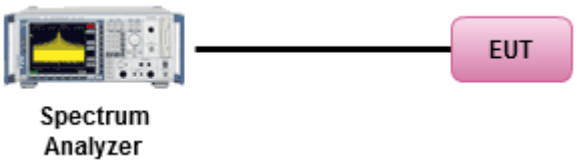
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


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): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
	☐ Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
	☐ Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
	☐ Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
	☒ Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

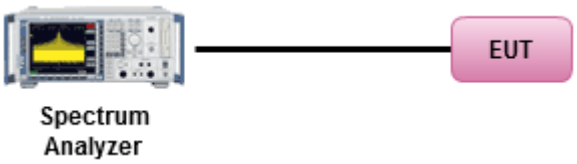
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Method PKPSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

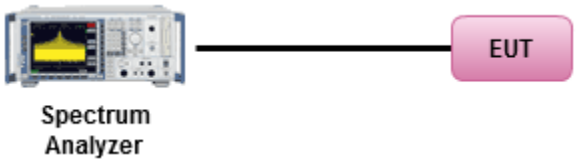
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

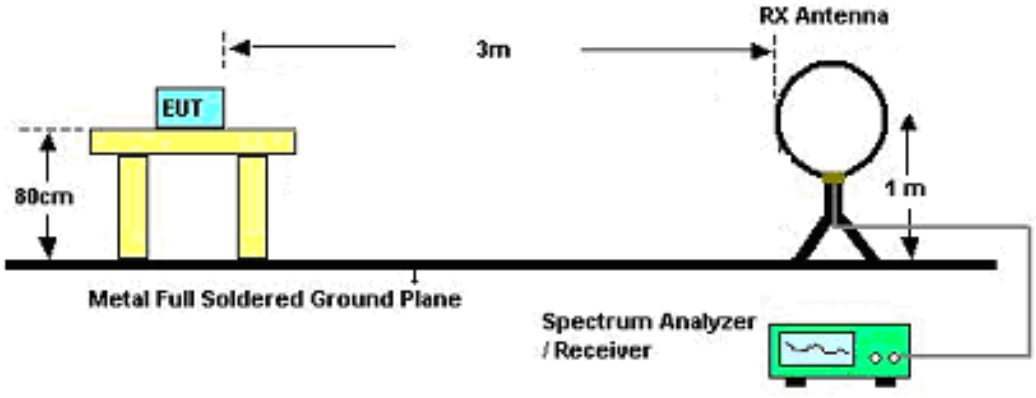
3.6.2 Measuring Instruments

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

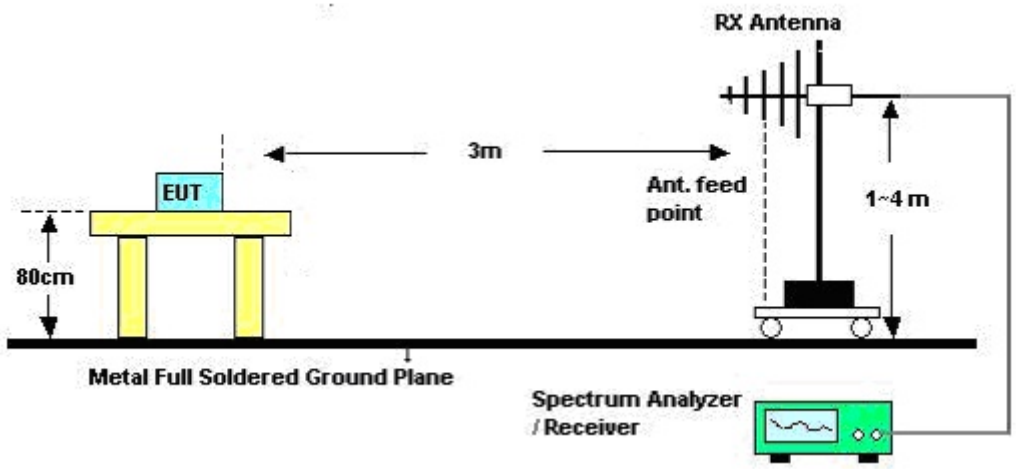
3.6.3 Test Procedures

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

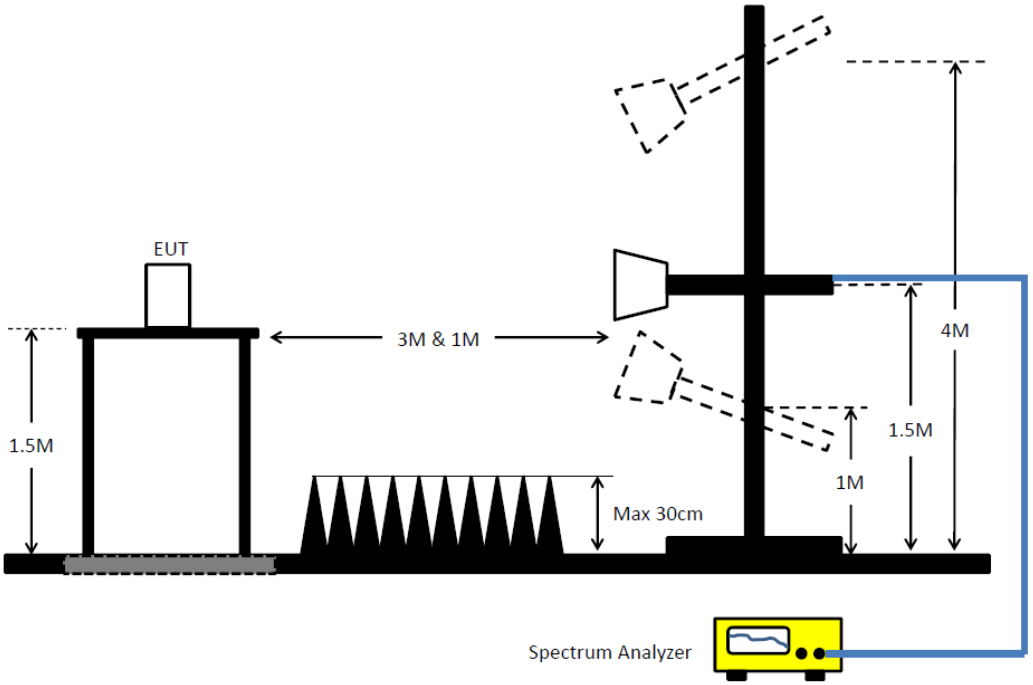
3.6.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz


30MHz~1GHz



Above 1GHz



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	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require.

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2018	25/Oct/2019
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	30MHz~1G	11/Jan/2019	10/Jan/2020

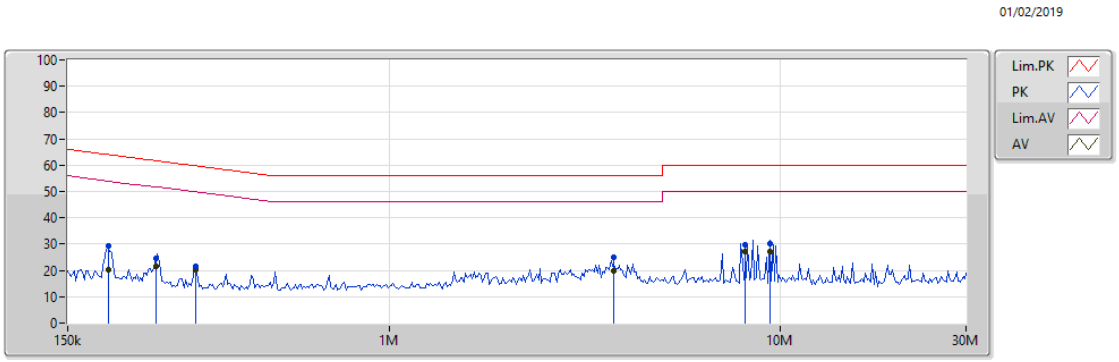
Instrument for Radiated Test For SKU#1

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	23/Oct/2018	22/Oct/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	18/Jan/2019	17/Jan/2020
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	18/Jan/2019	17/Jan/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	12/Mar/2018	11/Mar/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	11/May/2018	10/May/2019

Instrument for Radiated Test For SKU#10

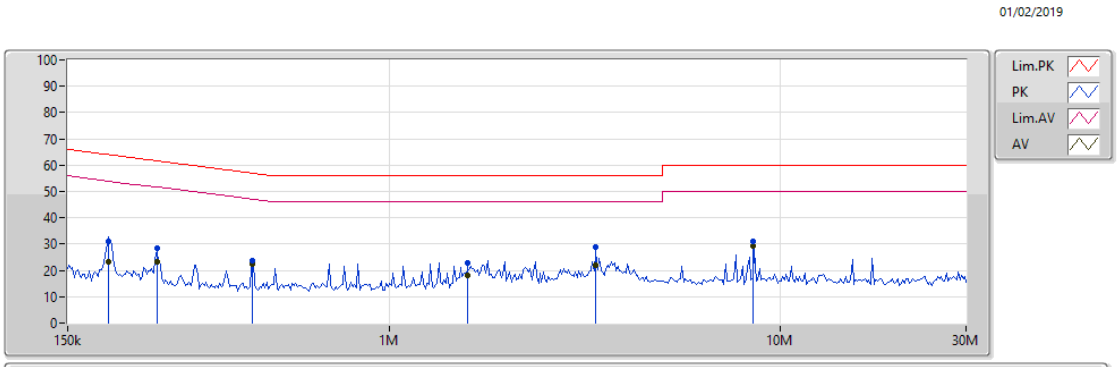
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	14/Jun/2018	13/Jun/2019
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	10/May/2018	09/May/2019
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	27/Apr/2018	26/Apr/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	10/Apr/2018	09/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	31/Jul/2018	30/Jul/2019
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	02/Oct/2018	03/Oct/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
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/2019	31/Jan/2020
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	190.981k	29.13	63.99	-34.86	19.47	Neutral	-	9.66	9.59	0.01	9.87
AV	190.981k	20.44	53.99	-33.55	19.47	Neutral	-	0.97	9.59	0.01	9.87
QP	251.999k	24.44	61.70	-37.26	19.47	Neutral	-	4.97	9.59	0.01	9.87
AV	251.999k	21.56	51.70	-30.14	19.47	Neutral	-	2.09	9.59	0.01	9.87
QP	319.171k	21.42	59.73	-38.31	19.48	Neutral	-	1.94	9.59	0.01	9.88
AV	319.171k	20.09	49.73	-29.64	19.48	Neutral	-	0.61	9.59	0.01	9.88
QP	3.754M	25.12	56.00	-30.88	19.54	Neutral	-	5.58	9.61	0.04	9.89
AV	3.754M	20.03	46.00	-25.97	19.54	Neutral	-	0.49	9.61	0.04	9.89
QP	8.143M	29.67	60.00	-30.33	19.61	Neutral	-	10.06	9.66	0.06	9.89
AV	8.143M	27.08	50.00	-22.92	19.61	Neutral	-	7.47	9.66	0.06	9.89
QP	9.413M	29.97	60.00	-30.03	19.63	Neutral	-	10.34	9.67	0.07	9.89
AV	9.413M	27.13	50.00	-22.87	19.63	Neutral	"Worst"	7.50	9.67	0.07	9.89

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE Mode		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	190.373k	31.10	64.01	-32.91	19.48	Line	-	11.62	9.60	0.01	9.87
AV	190.373k	23.39	54.01	-30.62	19.48	Line	-	3.91	9.60	0.01	9.87
QP	253.519k	28.37	61.64	-33.27	19.48	Line	-	8.89	9.60	0.01	9.87
AV	253.519k	23.30	51.64	-28.34	19.48	Line	-	3.82	9.60	0.01	9.87
QP	446.433k	23.83	56.94	-33.11	19.48	Line	-	4.35	9.59	0.01	9.88
AV	446.433k	22.43	46.94	-24.51	19.48	Line	-	2.95	9.59	0.01	9.88
QP	1.59M	22.88	56.00	-33.12	19.53	Line	-	3.35	9.61	0.03	9.89
AV	1.59M	18.01	46.00	-27.99	19.53	Line	-	-1.52	9.61	0.03	9.89
QP	3.373M	29.09	56.00	-26.91	19.56	Line	-	9.53	9.63	0.04	9.89
AV	3.373M	21.90	46.00	-24.10	19.56	Line	-	2.34	9.63	0.04	9.89
QP	8.528M	31.16	60.00	-28.84	19.62	Line	-	11.54	9.66	0.07	9.89
AV	8.528M	29.45	50.00	-20.55	19.62	Line	"Worst"	9.83	9.66	0.07	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.592M	16M6D1D	16.325M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.575M	17.666M	17M7D1D	17.525M	17.566M
802.11ac VHT40_Nss1,(MCS0)_2TX	35.25M	35.982M	36M0D1D	31.85M	35.882M

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

Result

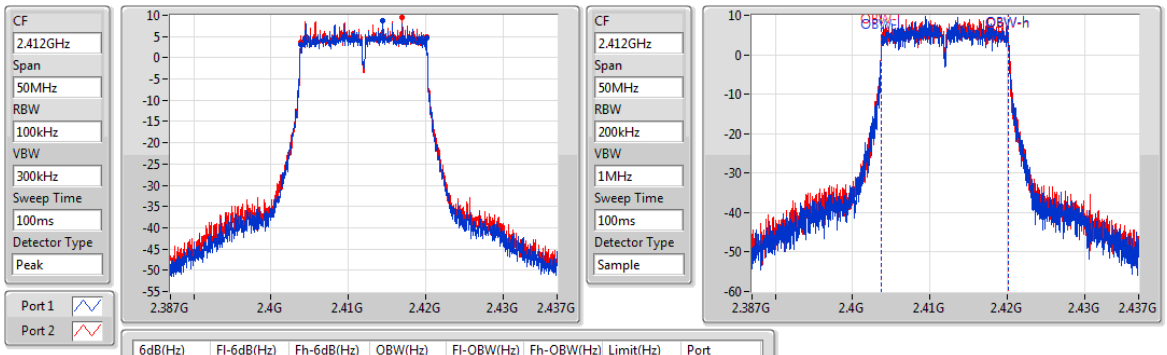
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.392M	16.325M	16.392M
2437MHz_TnomVnom	Pass	500k	16.325M	16.467M	16.325M	16.592M
2462MHz_TnomVnom	Pass	500k	16.325M	16.417M	16.35M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.575M	17.591M	17.55M	17.566M
2437MHz_TnomVnom	Pass	500k	17.525M	17.641M	17.55M	17.666M
2462MHz_TnomVnom	Pass	500k	17.575M	17.616M	17.55M	17.616M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.05M	35.882M	31.85M	35.932M
2437MHz_TnomVnom	Pass	500k	34.95M	35.932M	35.1M	35.932M
2452MHz_TnomVnom	Pass	500k	35.25M	35.982M	35.05M	35.932M

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

802.11g_Nss1,(6Mbps)_2TX **EBW**

2412MHz

01/02/2019

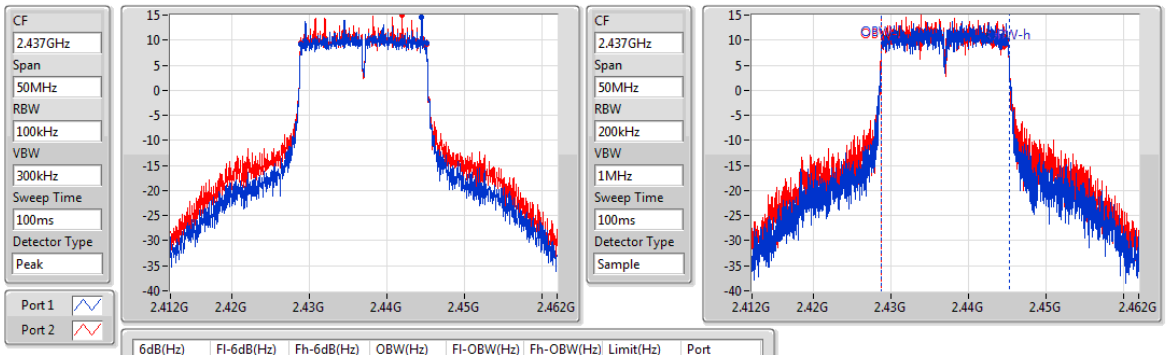


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.392M	2.403779G	2.420171G	500k	1
16.325M	2.403825G	2.42015G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX **EBW**

2437MHz

01/02/2019

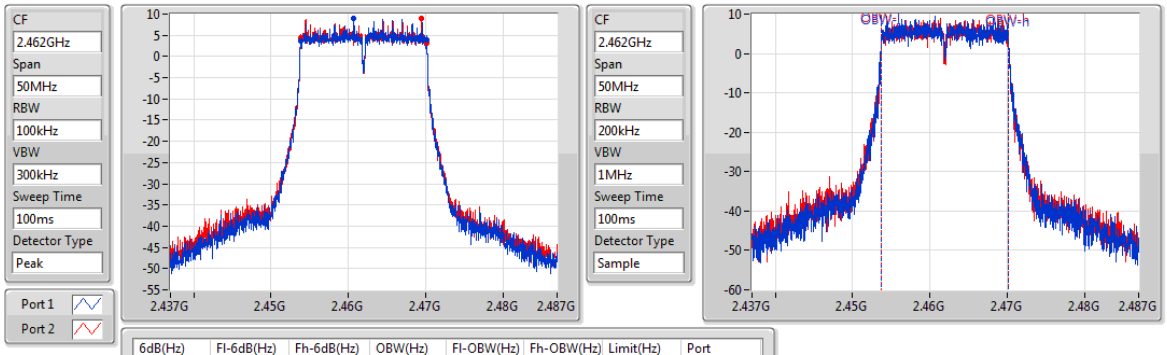


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.467M	2.428754G	2.445221G	500k	1
16.325M	2.428825G	2.44515G	16.592M	2.428679G	2.445271G	500k	2

802.11g_Nss1,(6Mbps)_2TX **EBW**

2462MHz

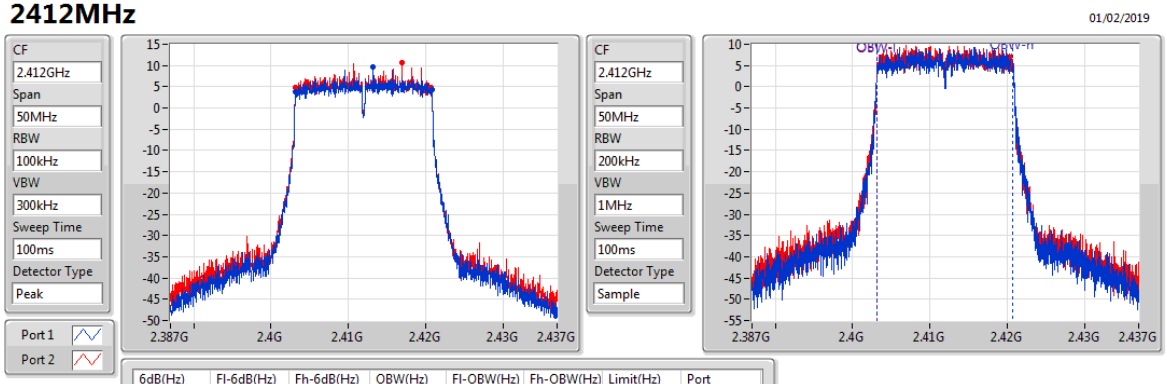
01/02/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.417M	2.453754G	2.470171G	500k	1
16.35M	2.453825G	2.470175G	16.392M	2.453779G	2.470171G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

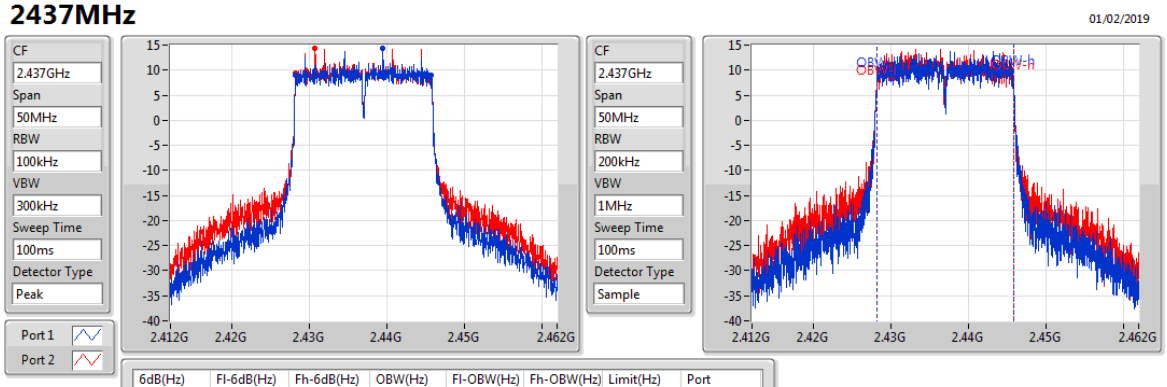
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.591M	2.403179G	2.420771G	500k	1
17.55M	2.4032G	2.42075G	17.566M	2.403204G	2.420771G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

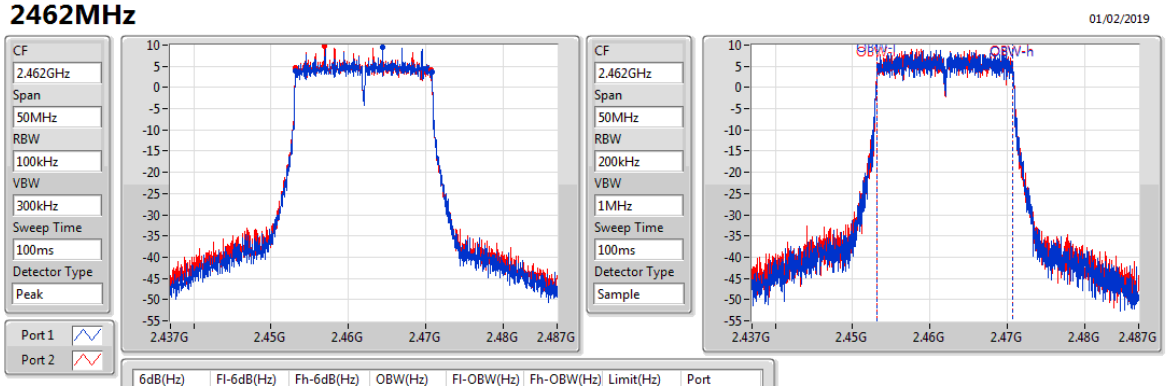
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.428225G	2.44575G	17.641M	2.428154G	2.445796G	500k	1
17.55M	2.4282G	2.44575G	17.666M	2.428129G	2.445796G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

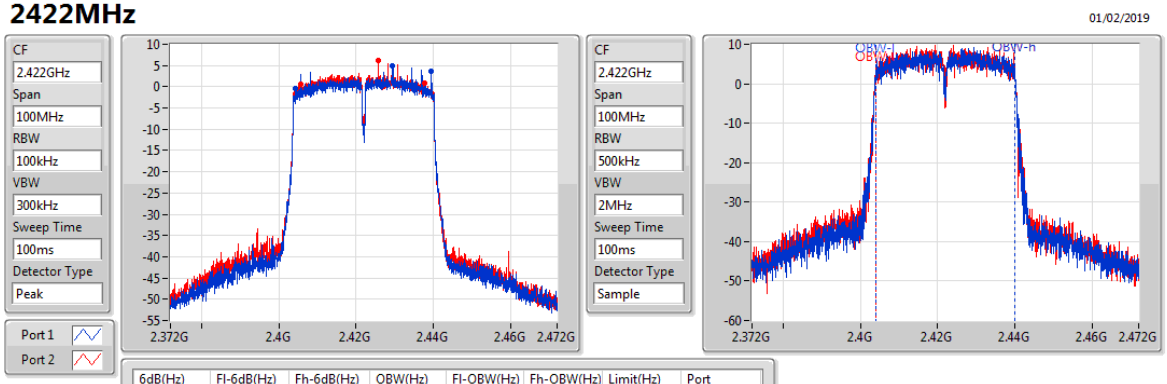
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.616M	2.453154G	2.470771G	500k	1
17.55M	2.4532G	2.47075G	17.616M	2.453154G	2.470771G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

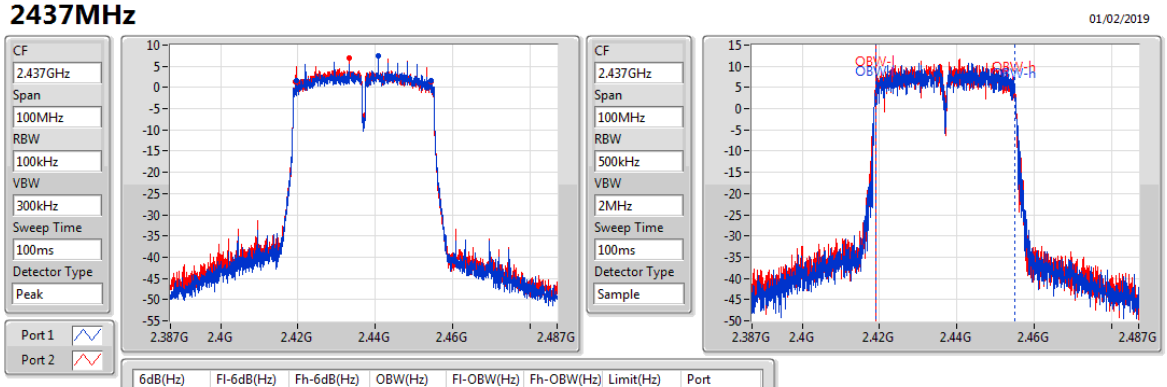
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.40445G	2.4395G	35.882M	2.404059G	2.439941G	500k	1
31.85M	2.40575G	2.4376G	35.932M	2.404009G	2.439941G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

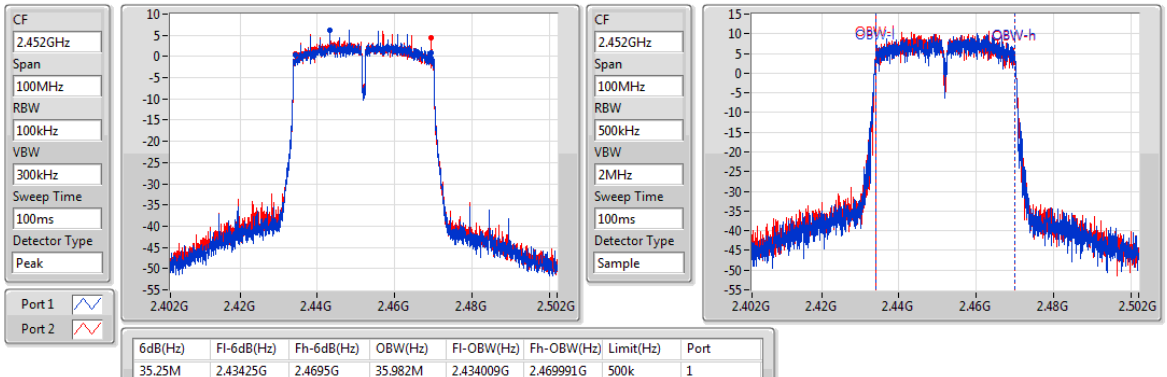
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	2.41955G	2.4545G	35.932M	2.419009G	2.454941G	500k	1
35.1M	2.4194G	2.4545G	35.932M	2.419009G	2.454941G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	2.43425G	2.4695G	35.982M	2.434009G	2.469991G	500k	1
35.05M	2.43445G	2.4695G	35.932M	2.433959G	2.469891G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.97	0.62661
802.11g_Nss1,(6Mbps)_2TX	29.90	0.97724
802.11ac VHT20_Nss1,(MCS0)_2TX	29.77	0.94842
802.11ac VHT40_Nss1,(MCS0)_2TX	24.56	0.28576

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.90	24.22	23.69	26.97	30.00
2417MHz_TnomVnom	Pass	5.90	23.90	24.37	27.15	30.00
2437MHz_TnomVnom	Pass	5.90	25.24	24.65	27.97	30.00
2462MHz_TnomVnom	Pass	5.90	24.84	24.33	27.60	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.90	20.51	20.92	23.73	30.00
2417MHz_TnomVnom	Pass	5.90	21.78	22.42	25.12	30.00
2422MHz_TnomVnom	Pass	5.90	23.32	23.65	26.50	30.00
2427MHz_TnomVnom	Pass	5.90	24.08	24.62	27.37	30.00
2432MHz_TnomVnom	Pass	5.90	25.74	25.88	28.82	30.00
2437MHz_TnomVnom	Pass	5.90	27.08	26.69	29.90	30.00
2442MHz_TnomVnom	Pass	5.90	26.06	26.31	29.20	30.00
2447MHz_TnomVnom	Pass	5.90	24.62	24.91	27.78	30.00
2452MHz_TnomVnom	Pass	5.90	23.34	23.57	26.47	30.00
2457MHz_TnomVnom	Pass	5.90	21.67	22.01	24.85	30.00
2462MHz_TnomVnom	Pass	5.90	20.91	21.11	24.02	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.90	21.56	22.20	24.90	30.00
2417MHz_TnomVnom	Pass	5.90	22.05	22.70	25.40	30.00
2422MHz_TnomVnom	Pass	5.90	23.52	23.89	26.72	30.00
2427MHz_TnomVnom	Pass	5.90	24.11	24.46	27.30	30.00
2432MHz_TnomVnom	Pass	5.90	25.87	26.16	29.03	30.00
2437MHz_TnomVnom	Pass	5.90	26.68	26.83	29.77	30.00
2442MHz_TnomVnom	Pass	5.90	25.90	26.18	29.05	30.00
2447MHz_TnomVnom	Pass	5.90	24.42	24.82	27.63	30.00
2452MHz_TnomVnom	Pass	5.90	23.03	23.28	26.17	30.00
2457MHz_TnomVnom	Pass	5.90	21.82	22.21	25.03	30.00
2462MHz_TnomVnom	Pass	5.90	21.32	21.52	24.43	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.90	19.77	20.33	23.07	30.00
2427MHz_TnomVnom	Pass	5.90	19.84	20.31	23.09	30.00
2432MHz_TnomVnom	Pass	5.90	21.36	21.59	24.49	30.00
2437MHz_TnomVnom	Pass	5.90	21.38	21.72	24.56	30.00
2447MHz_TnomVnom	Pass	5.90	21.38	21.70	24.55	30.00
2452MHz_TnomVnom	Pass	5.90	20.83	21.10	23.98	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	-
802.11g_Nss1,(6Mbps)_2TX	-0.25
802.11ac VHT20_Nss1,(MCS0)_2TX	0.48
802.11ac VHT40_Nss1,(MCS0)_2TX	-6.62

RBW=3kHz.

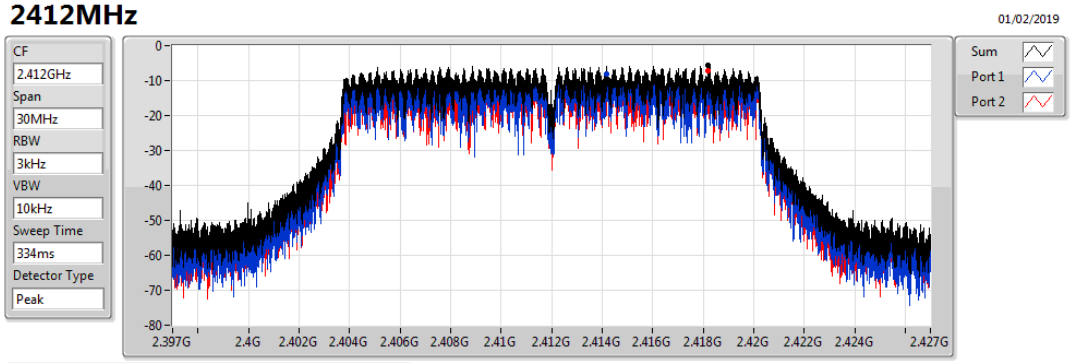
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.91	-8.22	-7.16	-5.63	5.09
2437MHz_TnomVnom	Pass	8.91	-2.49	-2.53	-0.25	5.09
2462MHz_TnomVnom	Pass	8.91	-8.08	-7.00	-5.09	5.09
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.91	-6.45	-6.47	-4.36	5.09
2437MHz_TnomVnom	Pass	8.91	-1.89	-1.49	0.48	5.09
2462MHz_TnomVnom	Pass	8.91	-7.52	-6.59	-5.15	5.09
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.91	-10.79	-9.94	-8.50	5.09
2437MHz_TnomVnom	Pass	8.91	-8.55	-8.58	-6.62	5.09
2452MHz_TnomVnom	Pass	8.91	-9.55	-9.67	-7.44	5.09

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;

802.11g_Nss1,(6Mbps)_2TX **PSD**

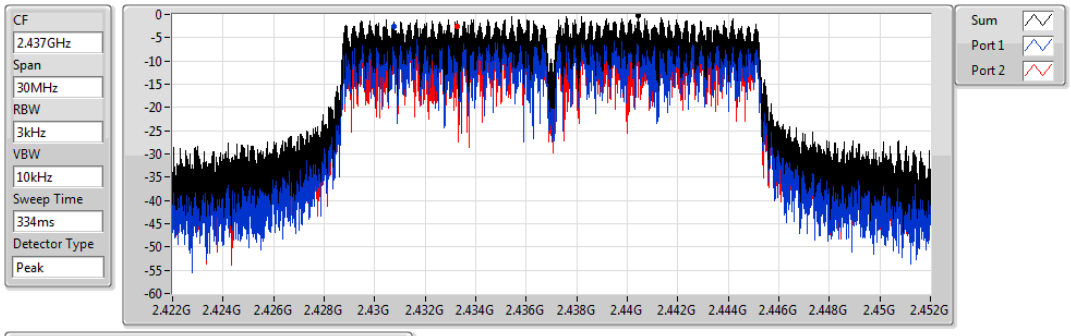
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.63	-5.63	-8.22	-7.16

802.11g_Nss1,(6Mbps)_2TX **PSD**

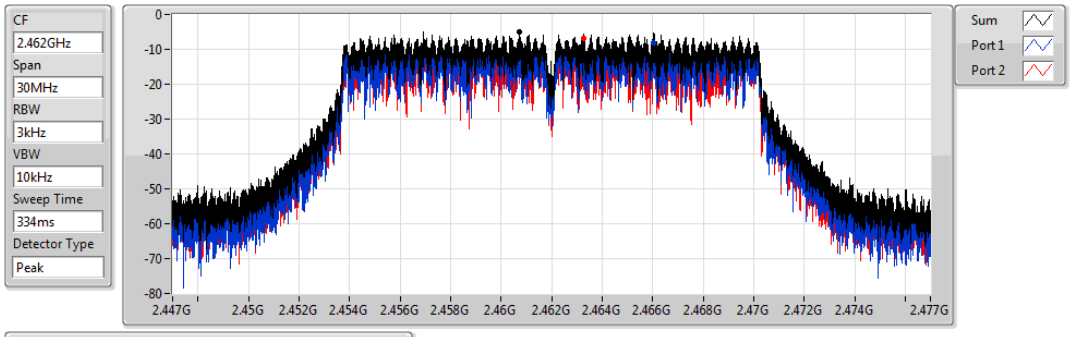
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.25	-0.25	-2.49	-2.53

802.11g_Nss1,(6Mbps)_2TX **PSD**

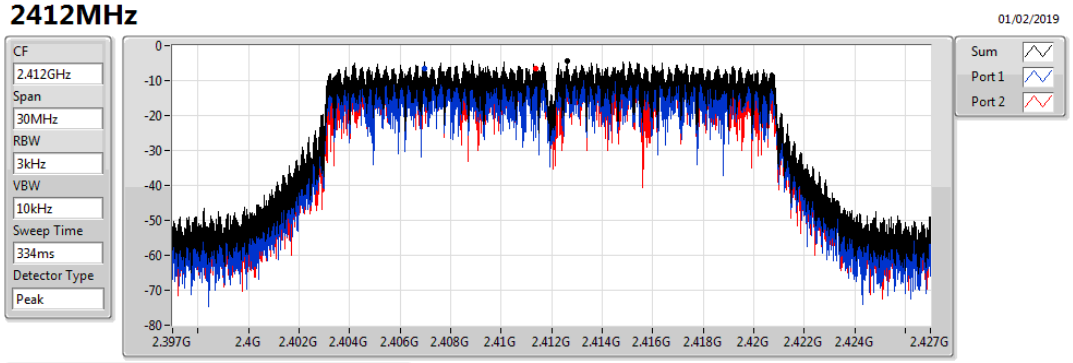
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.09	-5.09	-8.08	-7.00

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

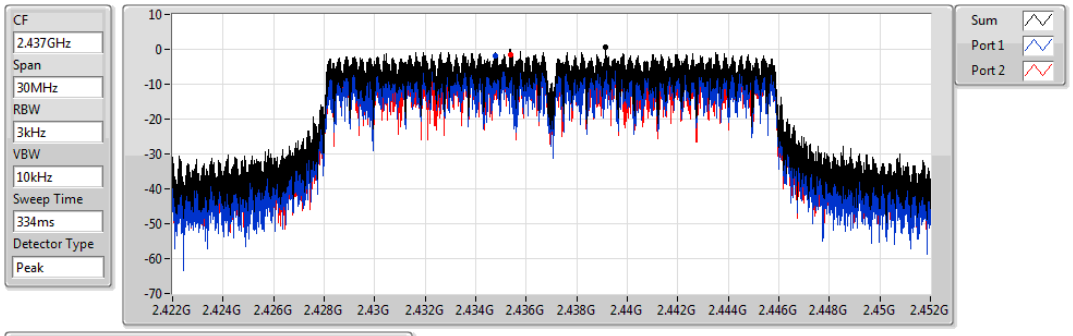
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.36	-4.36	-6.45	-6.47

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

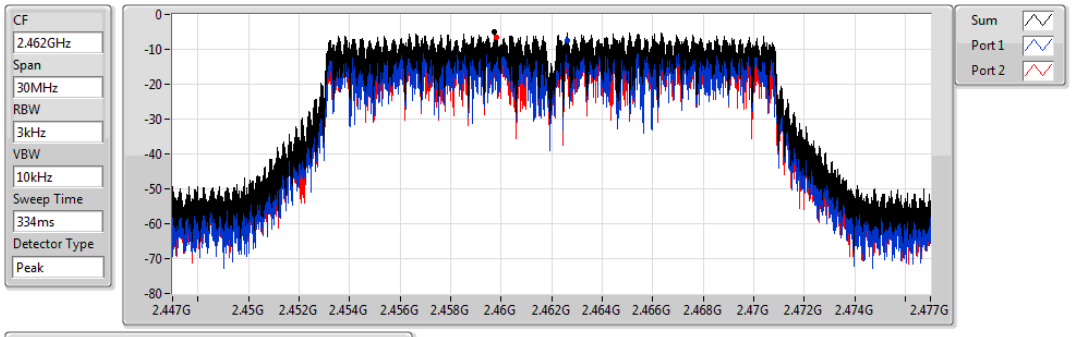
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.48	0.48	-1.89	-1.49

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

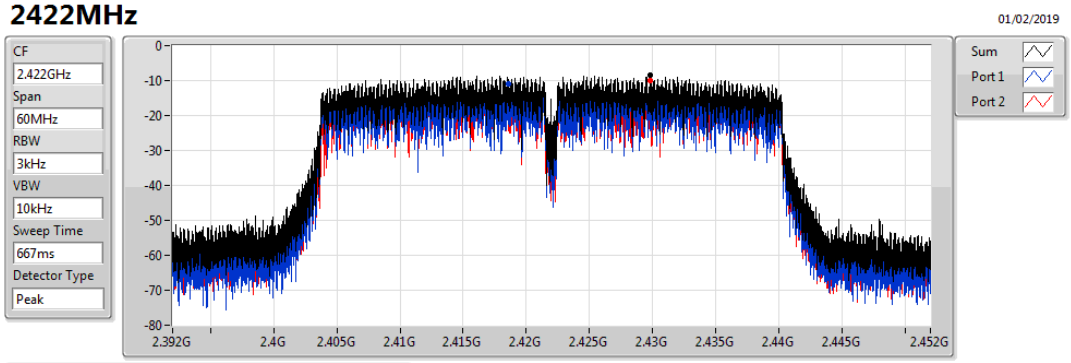
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.15	-5.15	-7.52	-6.59

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

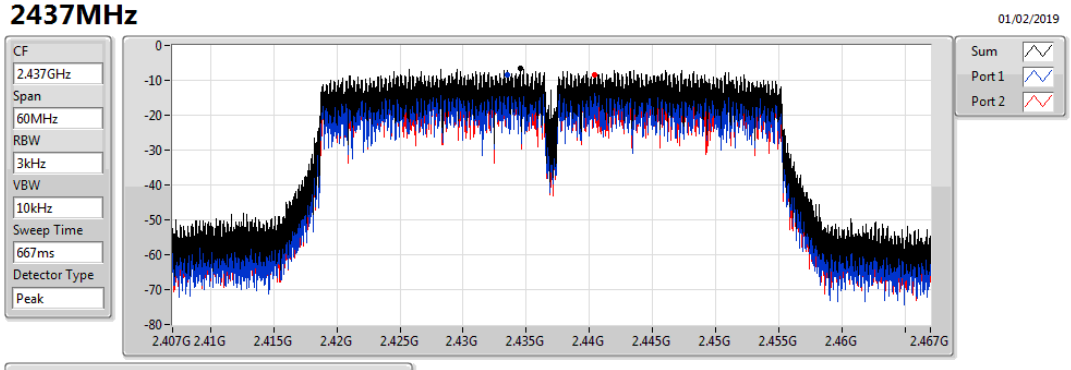
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.50	-8.50	-10.79	-9.94

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

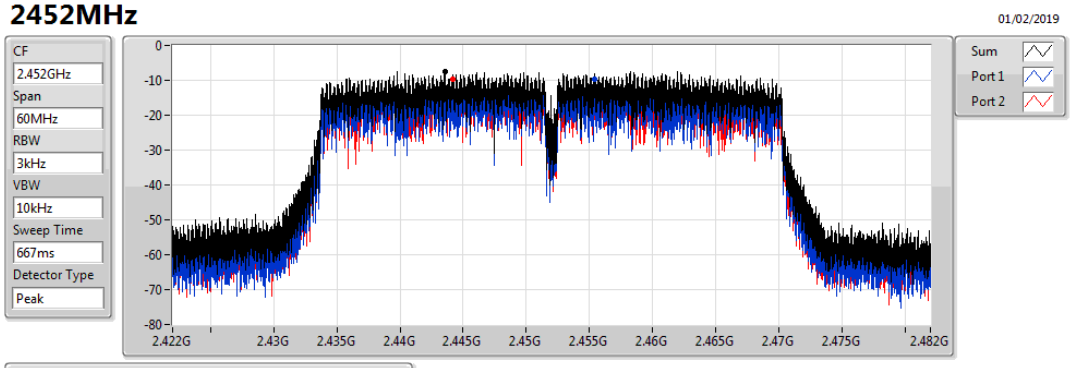
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.62	-6.62	-8.55	-8.58

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.44	-7.44	-9.55	-9.67

Summary

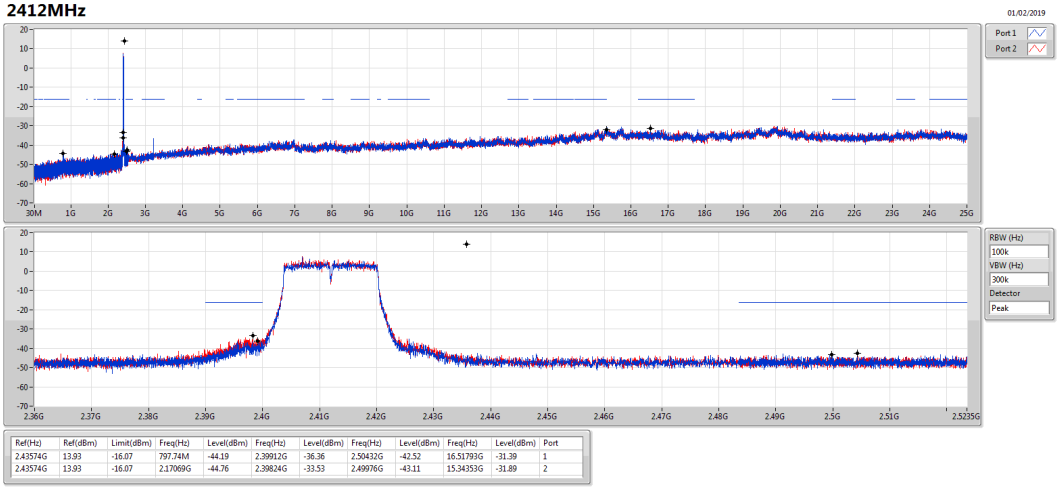
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43574G	13.93	-16.07	2.12147G	-44.53	2.39948G	-36.67	2.49008G	-42.03	15.12439G	-31.03	2
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	2.43828G	13.14	-16.86	812.59M	-44.49	2.39986G	-34.64	2.50584G	-42.83	15.30701G	-30.35	1
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	2.44071G	6.23	-23.77	2.10417G	-43.99	2.39892G	-42.55	2.48434G	-40.90	15.08868G	-30.46	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	797.74M	-44.19	2.39912G	-36.36	2.50432G	-42.52	16.51793G	-31.39	1
2412MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	2.17069G	-44.76	2.39824G	-33.53	2.49976G	-43.11	15.34353G	-31.89	2
2437MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	2.03963G	-44.34	2.39862G	-42.14	2.4983G	-42.89	15.1272G	-32.21	1
2437MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	2.12147G	-44.53	2.39948G	-36.67	2.49008G	-42.03	15.12439G	-31.03	2
2462MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	819.58M	-44.20	2.39556G	-44.75	2.48482G	-41.69	15.07101G	-31.38	1
2462MHz_TnomVnom	Pass	2.43574G	13.93	-16.07	2.13312G	-42.65	2.39354G	-42.96	2.50298G	-41.79	15.06258G	-31.04	2
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	812.59M	-44.49	2.39986G	-34.64	2.50584G	-42.83	15.30701G	-30.35	1
2412MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	2.12584G	-44.95	2.39824G	-32.96	2.51344G	-42.13	15.34072G	-30.59	2
2437MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	809.39M	-43.92	2.39826G	-41.24	2.48822G	-43.00	16.65279G	-31.28	1
2437MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	2.18962G	-44.73	2.39948G	-38.59	2.48866G	-42.61	24.45494G	-31.05	2
2462MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	824.24M	-43.33	2.39998G	-41.73	2.48394G	-40.98	15.11596G	-30.75	1
2462MHz_TnomVnom	Pass	2.43828G	13.14	-16.86	2.01953G	-44.54	2.39044G	-43.96	2.48478G	-39.91	17.50128G	-31.26	2
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	2.1056G	-45.40	2.3986G	-38.20	2.55994G	-42.58	15.09148G	-31.47	1
2422MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	1.92354G	-44.26	2.39608G	-36.49	2.5137G	-42.27	15.31585G	-31.14	2
2437MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	2.14281G	-44.79	2.39956G	-38.18	2.55998G	-41.89	15.33548G	-31.14	1
2437MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	2.30225G	-44.27	2.39948G	-40.59	2.48722G	-42.41	15.09148G	-31.32	2
2452MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	2.1577G	-44.20	2.39952G	-43.29	2.48414G	-40.70	15.09429G	-31.00	1
2452MHz_TnomVnom	Pass	2.44071G	6.23	-23.77	2.10417G	-43.99	2.39892G	-42.55	2.48434G	-40.90	15.08868G	-30.46	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

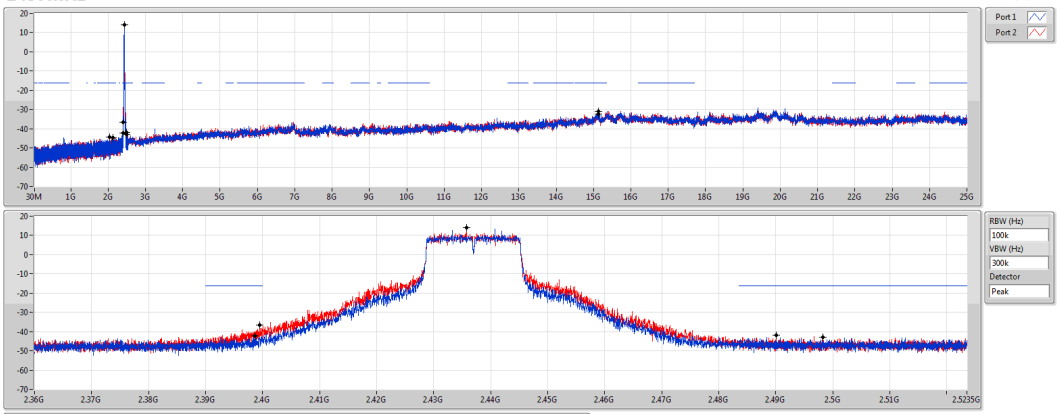
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.93	-16.07	797.74M	-44.19	2.39912G	-36.36	2.50432G	-42.52	16.51793G	-31.39	1
2.43574G	13.93	-16.07	2.17069G	-44.76	2.39824G	-33.53	2.49976G	-43.11	15.34353G	-31.89	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

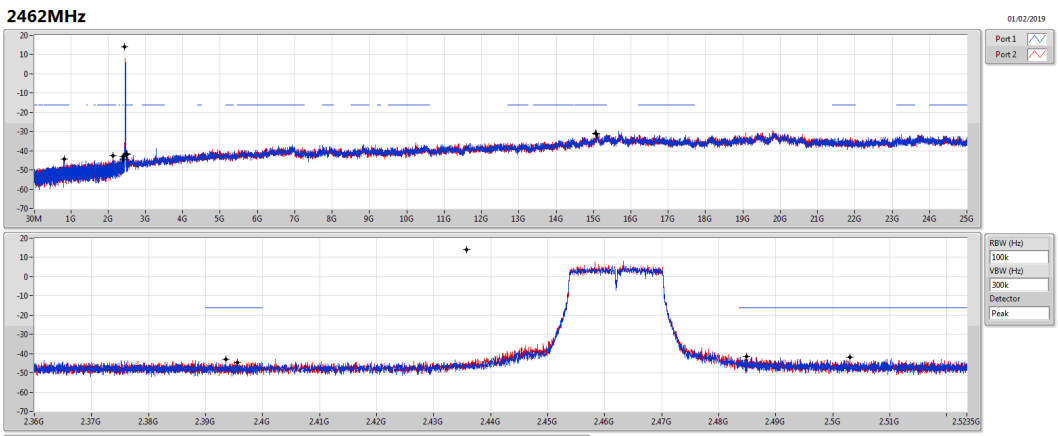
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.93	-16.07	2.03963G	-44.34	2.39862G	-42.14	2.4983G	-42.89	15.1272G	-32.21	1
2.43574G	13.93	-16.07	2.12147G	-44.53	2.39948G	-36.67	2.49008G	-42.03	15.12439G	-31.03	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

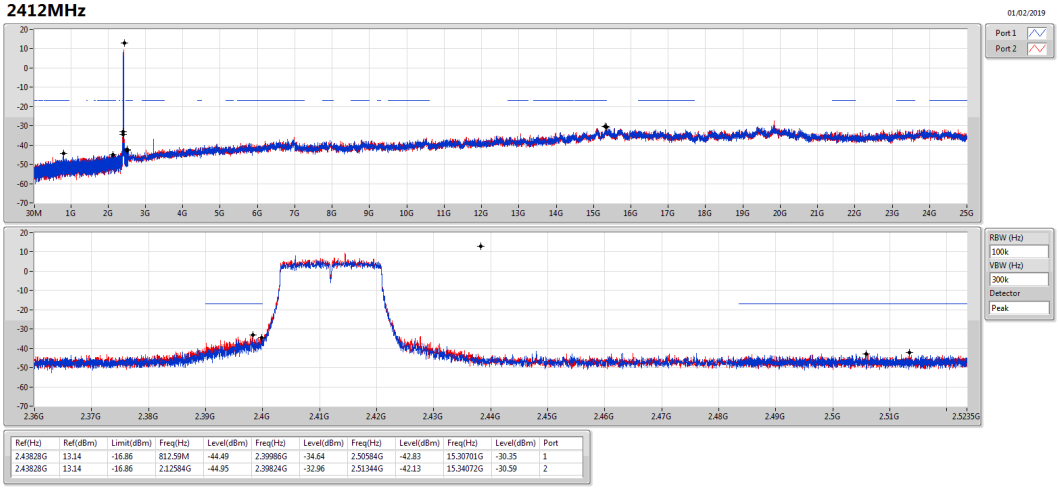
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	13.93	-16.07	819.58M	-44.20	2.39556G	-44.75	2.48482G	-41.69	15.07101G	-31.38	1
2.43574G	13.93	-16.07	2.13312G	-42.65	2.39354G	-42.96	2.50298G	-41.79	15.06258G	-31.04	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

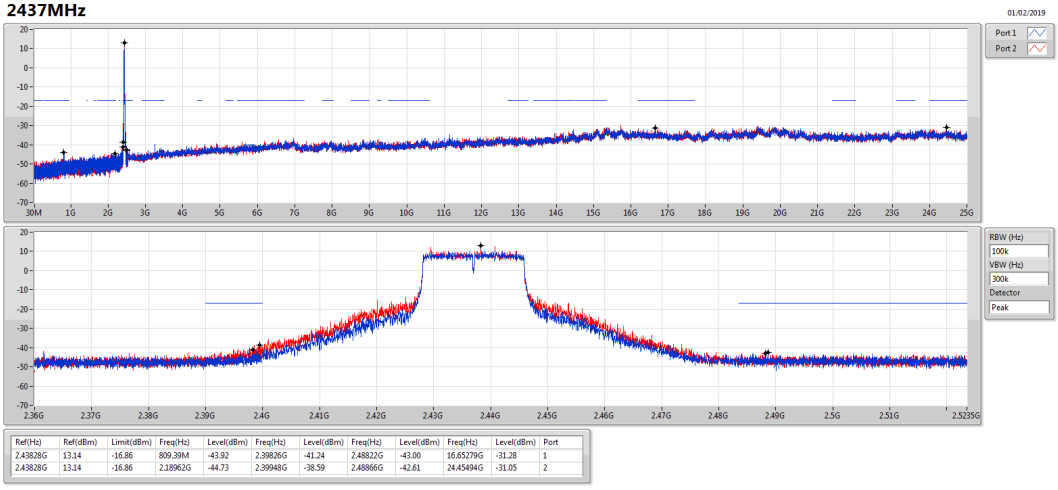
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43828G	13.14	-16.86	812.59M	-44.49	2.39986G	-34.64	2.50584G	-42.83	15.30701G	-30.35	1
2.43828G	13.14	-16.86	2.12584G	-44.95	2.39824G	-32.96	2.51344G	-42.13	15.34072G	-30.59	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

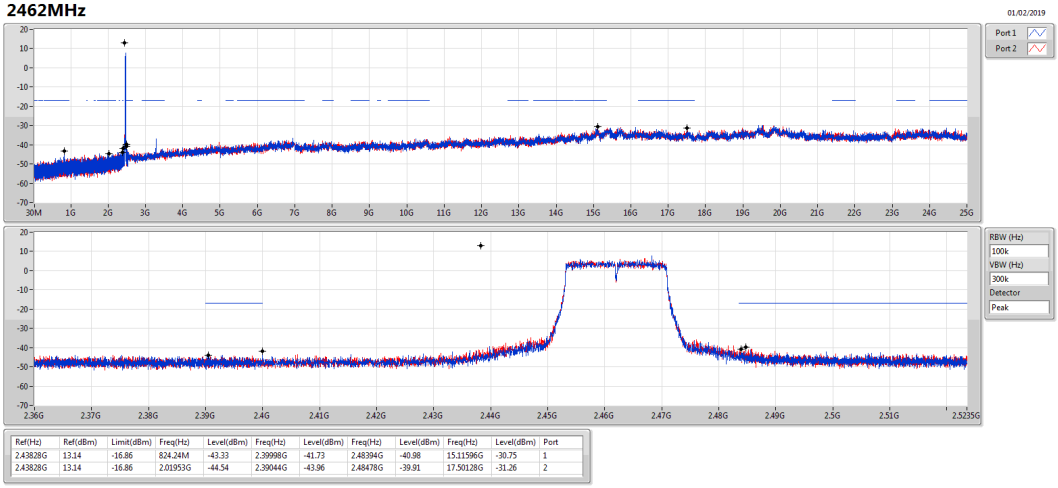
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43828G	13.14	-16.86	809.39M	-43.92	2.39826G	-41.24	2.48822G	-43.00	16.65279G	-31.28	1
2.43828G	13.14	-16.86	2.18962G	-44.73	2.39948G	-38.59	2.48866G	-42.61	24.45494G	-31.05	2

802.11ac VHT20_Nss1,(MCS0)_2TX **CSE NdB**

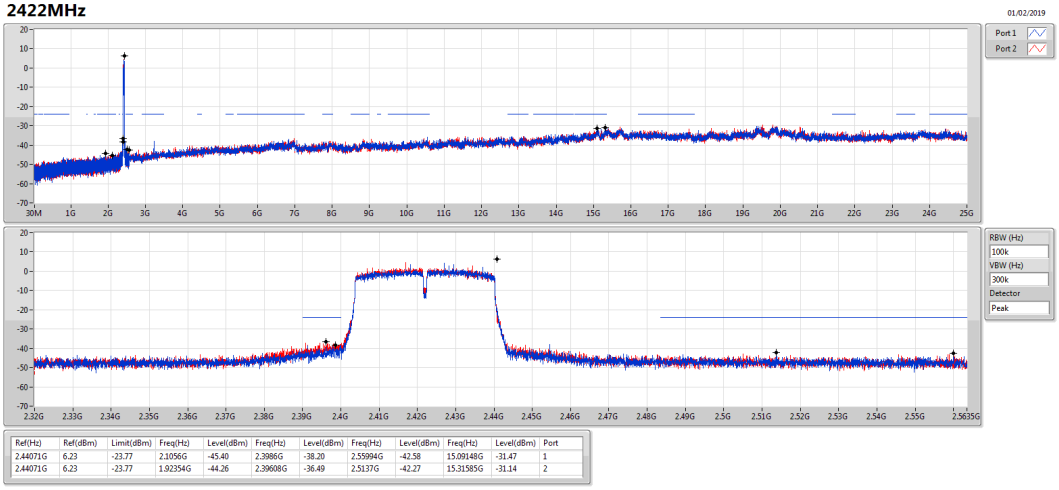
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43828G	13.14	-16.86	824.24M	-43.33	2.39998G	-41.73	2.48394G	-40.98	15.11596G	-30.75	1
2.43828G	13.14	-16.86	2.01953G	-44.54	2.39044G	-43.96	2.48478G	-39.91	17.50128G	-31.26	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

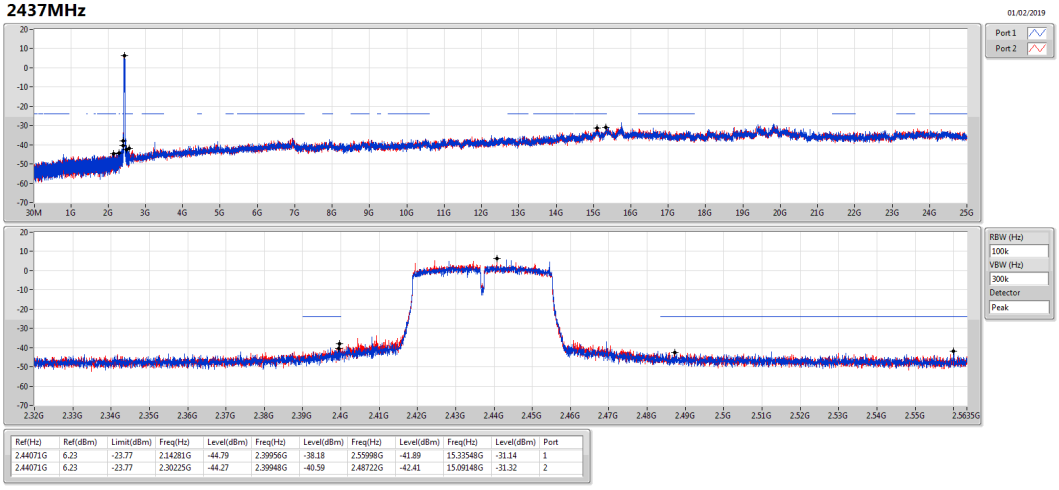
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	6.23	-23.77	2.1056G	-45.40	2.3986G	-38.20	2.55994G	-42.58	15.09148G	-31.47	1
2.44071G	6.23	-23.77	1.92354G	-44.26	2.39608G	-36.49	2.5137G	-42.27	15.31585G	-31.14	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

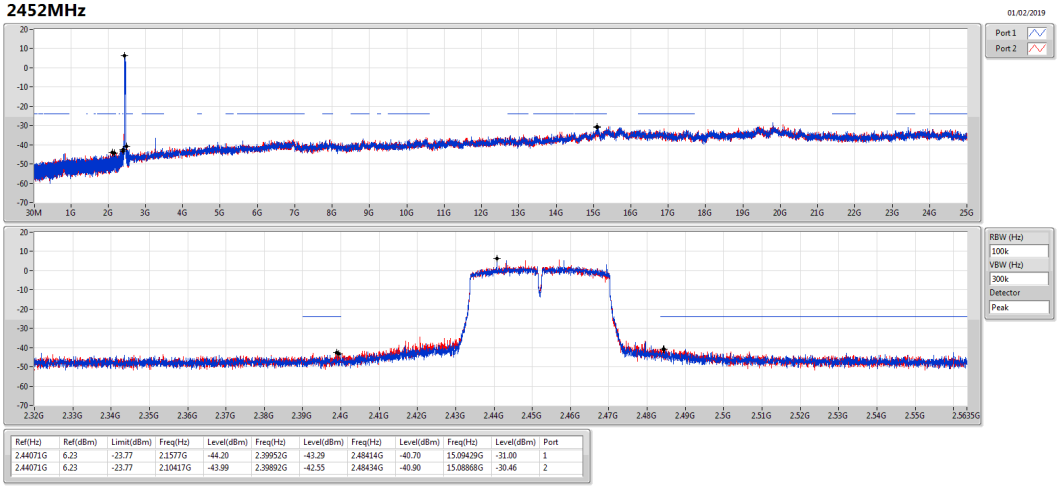
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	6.23	-23.77	2.14281G	-44.79	2.39956G	-38.18	2.55998G	-41.89	15.33548G	-31.14	1
2.44071G	6.23	-23.77	2.30225G	-44.27	2.39948G	-40.59	2.48722G	-42.41	15.09148G	-31.32	2

802.11ac VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44071G	6.23	-23.77	2.1577G	-44.20	2.39952G	-43.29	2.48414G	-40.70	15.09429G	-31.00	1
2.44071G	6.23	-23.77	2.10417G	-43.99	2.39892G	-42.55	2.48434G	-40.90	15.08868G	-30.46	2

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	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	284.14M	38.53	46.00	-7.47	-6.22	3	Horizontal	0	1.00	-

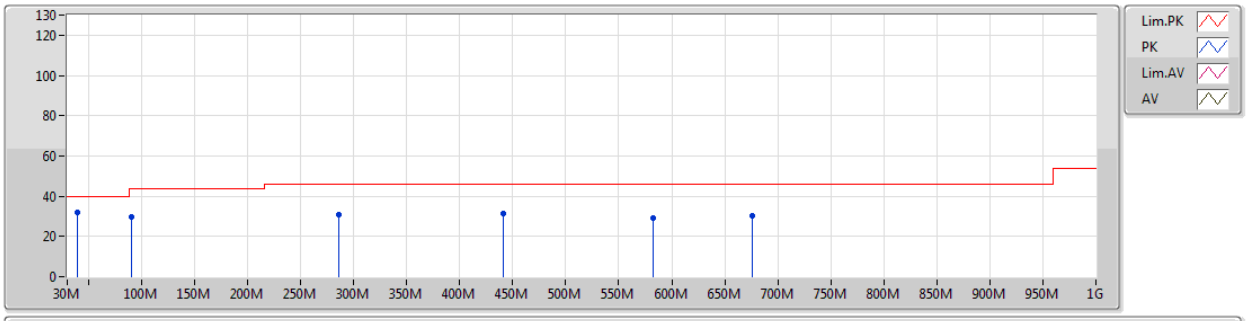
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	39.7M	31.91	40.00	-8.09	-9.61	3	Vertical	360	1.00	-
2437MHz	Pass	PK	90.14M	29.58	43.50	-13.92	-12.55	3	Vertical	360	1.00	-
2437MHz	Pass	PK	286.08M	30.96	46.00	-15.04	-6.17	3	Vertical	360	1.00	-
2437MHz	Pass	PK	441.28M	31.13	46.00	-14.87	-3.02	3	Vertical	360	1.00	-
2437MHz	Pass	PK	582.9M	29.06	46.00	-16.94	-1.38	3	Vertical	360	1.00	-
2437MHz	Pass	PK	676.02M	30.03	46.00	-15.97	-0.28	3	Vertical	360	1.00	-
2437MHz	Pass	PK	31.94M	31.30	40.00	-8.70	-5.66	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	125.06M	26.52	43.50	-16.98	-8.92	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	284.14M	38.53	46.00	-7.47	-6.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	319.06M	35.02	46.00	-10.98	-5.51	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	648.86M	35.38	46.00	-10.62	-0.33	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	672.14M	32.21	46.00	-13.79	-0.28	3	Horizontal	0	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_PoE

01/02/2019

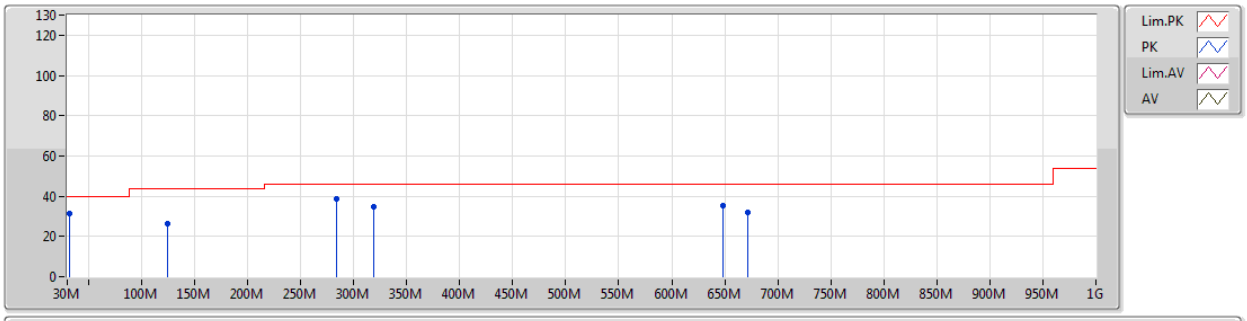


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	39.7M	31.91	40.00	-8.09	-9.61	3	Vertical	360	1.00	-
PK	90.14M	29.58	43.50	-13.92	-12.55	3	Vertical	360	1.00	-
PK	286.08M	30.96	46.00	-15.04	-6.17	3	Vertical	360	1.00	-
PK	441.28M	31.13	46.00	-14.87	-3.02	3	Vertical	360	1.00	-
PK	582.9M	29.06	46.00	-16.94	-1.38	3	Vertical	360	1.00	-
PK	676.02M	30.03	46.00	-15.97	-0.28	3	Vertical	360	1.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_PoE

01/02/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	31.94M	31.30	40.00	-8.70	-5.66	3	Horizontal	0	1.00	-
PK	125.06M	26.52	43.50	-16.98	-8.92	3	Horizontal	0	1.00	-
PK	284.14M	38.53	46.00	-7.47	-6.22	3	Horizontal	0	1.00	-
PK	319.06M	35.02	46.00	-10.98	-5.51	3	Horizontal	0	1.00	-
PK	648.86M	35.38	46.00	-10.62	-0.33	3	Horizontal	0	1.00	-
PK	672.14M	32.21	46.00	-13.79	-0.28	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	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	57.16M	35.30	40.00	-4.70	-25.37	3	Vertical	360	3.00	-

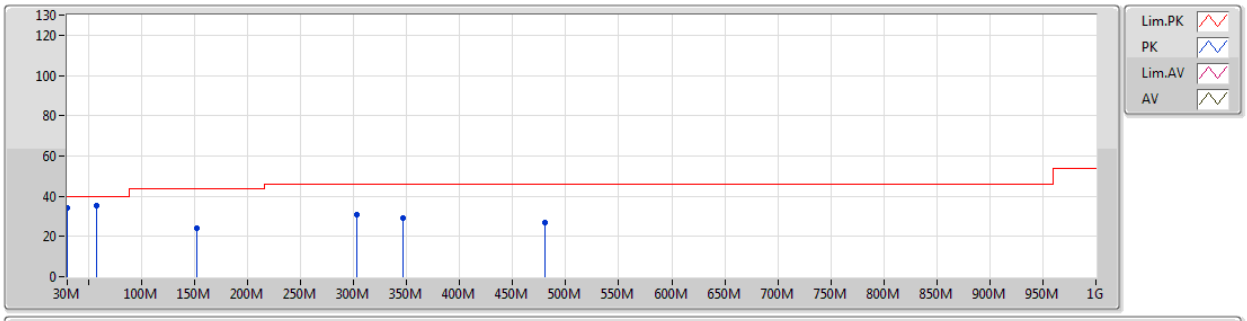
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	34.22	40.00	-5.78	-13.40	3	Vertical	360	3.00	-
2437MHz	Pass	PK	57.16M	35.30	40.00	-4.70	-25.37	3	Vertical	360	3.00	-
2437MHz	Pass	PK	152.22M	24.15	43.50	-19.35	-19.58	3	Vertical	360	3.00	-
2437MHz	Pass	PK	303.54M	30.69	46.00	-15.31	-16.60	3	Vertical	360	3.00	-
2437MHz	Pass	PK	346.22M	29.20	46.00	-16.80	-15.58	3	Vertical	360	3.00	-
2437MHz	Pass	PK	480.08M	27.06	46.00	-18.94	-12.38	3	Vertical	360	3.00	-
2437MHz	Pass	PK	57.16M	26.95	40.00	-13.05	-25.37	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	111.48M	28.94	43.50	-14.56	-19.88	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	152.22M	30.54	43.50	-12.96	-19.58	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	303.54M	38.35	46.00	-7.65	-16.60	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	346.22M	28.08	46.00	-17.92	-15.58	3	Horizontal	0	3.00	-
2437MHz	Pass	PK	559.62M	24.02	46.00	-21.98	-10.31	3	Horizontal	0	3.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_PoE

31/01/2019

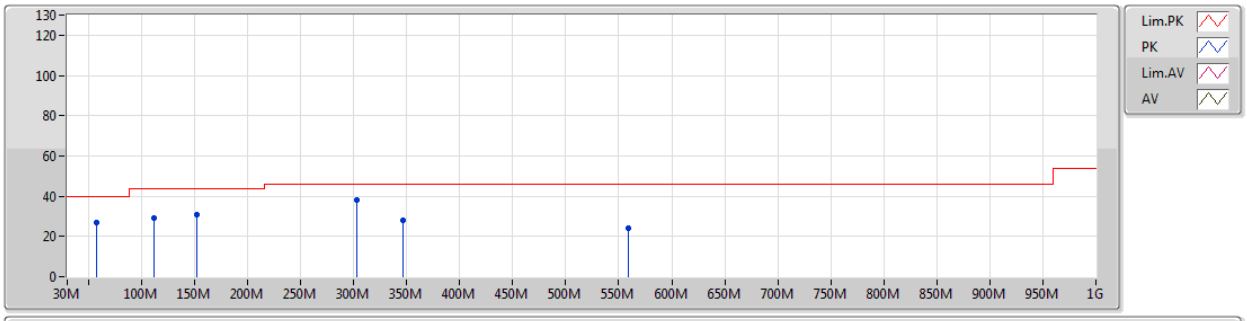


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	30M	34.22	40.00	-5.78	-13.40	3	Vertical	360	3.00	-
PK	57.16M	35.30	40.00	-4.70	-25.37	3	Vertical	360	3.00	-
PK	152.22M	24.15	43.50	-19.35	-19.58	3	Vertical	360	3.00	-
PK	303.54M	30.69	46.00	-15.31	-16.60	3	Vertical	360	3.00	-
PK	346.22M	29.20	46.00	-16.80	-15.58	3	Vertical	360	3.00	-
PK	480.08M	27.06	46.00	-18.94	-12.38	3	Vertical	360	3.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_PoE

31/01/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	57.16M	26.95	40.00	-13.05	-25.37	3	Horizontal	0	3.00	-
PK	111.48M	28.94	43.50	-14.56	-19.88	3	Horizontal	0	3.00	-
PK	152.22M	30.54	43.50	-12.96	-19.58	3	Horizontal	0	3.00	-
PK	303.54M	38.35	46.00	-7.65	-16.60	3	Horizontal	0	3.00	-
PK	346.22M	28.08	46.00	-17.92	-15.58	3	Horizontal	0	3.00	-
PK	559.62M	24.02	46.00	-21.98	-10.31	3	Horizontal	0	3.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.87395G	49.80	54.00	-4.20	6.65	3	Vertical	269	2.96	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3898G	53.88	54.00	-0.12	30.69	3	Horizontal	350	1.78	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.88	54.00	-0.12	30.69	3	Horizontal	353	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.88	54.00	-0.12	30.69	3	Vertical	7	1.20	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3878G	46.60	54.00	-7.40	30.68	3	Vertical	324	1.50	-
2412MHz_TX	Pass	AV	2.4128G	110.12	Inf	-Inf	30.76	3	Vertical	324	1.50	-
2412MHz_TX	Pass	PK	2.3704G	58.20	74.00	-15.80	30.63	3	Vertical	324	1.50	-
2412MHz_TX	Pass	PK	2.4128G	112.15	Inf	-Inf	30.76	3	Vertical	324	1.50	-
2412MHz_TX	Pass	AV	2.3864G	48.47	54.00	-5.53	30.68	3	Horizontal	340	1.50	-
2412MHz_TX	Pass	AV	2.4128G	114.53	Inf	-Inf	30.76	3	Horizontal	340	1.50	-
2412MHz_TX	Pass	PK	2.39G	58.83	74.00	-15.17	30.69	3	Horizontal	340	1.50	-
2412MHz_TX	Pass	PK	2.4128G	116.61	Inf	-Inf	30.76	3	Horizontal	340	1.50	-
2412MHz_TX	Pass	AV	4.82393G	48.73	54.00	-5.27	6.53	3	Vertical	280	2.72	-
2412MHz_TX	Pass	PK	4.82401G	52.11	74.00	-21.89	6.53	3	Vertical	280	2.72	-
2412MHz_TX	Pass	AV	4.82392G	46.13	54.00	-7.87	6.53	3	Horizontal	211	2.72	-
2412MHz_TX	Pass	PK	4.824G	50.51	74.00	-23.49	6.53	3	Horizontal	211	2.72	-
2417MHz_TX	Pass	AV	2.3788G	46.81	54.00	-7.19	30.66	3	Vertical	329	1.46	-
2417MHz_TX	Pass	AV	2.4178G	111.50	Inf	-Inf	30.77	3	Vertical	329	1.46	-
2417MHz_TX	Pass	PK	2.3834G	57.56	74.00	-16.44	30.67	3	Vertical	329	1.46	-
2417MHz_TX	Pass	PK	2.4178G	113.59	Inf	-Inf	30.77	3	Vertical	329	1.46	-
2417MHz_TX	Pass	AV	2.379G	47.78	54.00	-6.22	30.66	3	Horizontal	349	1.78	-
2417MHz_TX	Pass	AV	2.4178G	115.38	Inf	-Inf	30.77	3	Horizontal	349	1.78	-
2417MHz_TX	Pass	PK	2.3778G	58.54	74.00	-15.46	30.65	3	Horizontal	349	1.78	-
2417MHz_TX	Pass	PK	2.4178G	117.40	Inf	-Inf	30.77	3	Horizontal	349	1.78	-
2437MHz_TX	Pass	AV	2.3438G	46.30	54.00	-7.70	30.55	3	Vertical	319	3.19	-
2437MHz_TX	Pass	AV	2.4362G	109.85	Inf	-Inf	30.83	3	Vertical	319	3.19	-
2437MHz_TX	Pass	AV	2.4962G	47.14	54.00	-6.86	31.00	3	Vertical	319	3.19	-
2437MHz_TX	Pass	PK	2.367G	57.65	74.00	-16.35	30.62	3	Vertical	319	3.19	-
2437MHz_TX	Pass	PK	2.4362G	111.80	Inf	-Inf	30.83	3	Vertical	319	3.19	-
2437MHz_TX	Pass	PK	2.4958G	58.62	74.00	-15.38	31.00	3	Vertical	319	3.19	-
2437MHz_TX	Pass	AV	2.389G	46.07	54.00	-7.93	30.68	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	AV	2.4362G	109.12	Inf	-Inf	30.83	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	AV	2.4962G	47.14	54.00	-6.86	31.00	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	PK	2.3894G	58.04	74.00	-15.96	30.68	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	PK	2.4362G	111.16	Inf	-Inf	30.83	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	PK	2.4946G	58.55	74.00	-15.45	31.00	3	Horizontal	202	1.47	-
2437MHz_TX	Pass	AV	4.87395G	49.80	54.00	-4.20	6.65	3	Vertical	269	2.96	-
2437MHz_TX	Pass	PK	4.87394G	53.09	74.00	-20.91	6.65	3	Vertical	269	2.96	-
2437MHz_TX	Pass	AV	4.87392G	48.75	54.00	-5.25	6.65	3	Horizontal	212	2.21	-
2437MHz_TX	Pass	PK	4.87396G	52.65	74.00	-21.35	6.65	3	Horizontal	212	2.21	-
2462MHz_TX	Pass	AV	2.4612G	107.26	Inf	-Inf	30.90	3	Vertical	326	3.11	-
2462MHz_TX	Pass	AV	2.4998G	47.43	54.00	-6.57	31.01	3	Vertical	326	3.11	-
2462MHz_TX	Pass	PK	2.461G	109.25	Inf	-Inf	30.90	3	Vertical	326	3.11	-
2462MHz_TX	Pass	PK	2.4858G	58.94	74.00	-15.06	30.98	3	Vertical	326	3.11	-
2462MHz_TX	Pass	AV	2.4604G	107.56	Inf	-Inf	30.89	3	Horizontal	200	3.19	-
2462MHz_TX	Pass	AV	2.5G	47.44	54.00	-6.56	31.02	3	Horizontal	200	3.19	-
2462MHz_TX	Pass	PK	2.461G	109.64	Inf	-Inf	30.90	3	Horizontal	200	3.19	-
2462MHz_TX	Pass	PK	2.4838G	62.74	74.00	-11.26	30.97	3	Horizontal	200	3.19	-
2462MHz_TX	Pass	AV	4.92398G	48.83	54.00	-5.17	6.77	3	Vertical	42	3.07	-
2462MHz_TX	Pass	PK	4.92398G	52.63	74.00	-21.37	6.77	3	Vertical	42	3.07	-
2462MHz_TX	Pass	AV	4.92394G	48.49	54.00	-5.51	6.77	3	Horizontal	196	3.15	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz_TX	Pass	PK	4.92398G	52.40	74.00	-21.60	6.77	3	Horizontal	196	3.15	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3884G	51.65	54.00	-2.35	30.68	3	Vertical	0	1.19	-
2412MHz_TX	Pass	AV	2.413G	105.69	Inf	-Inf	30.76	3	Vertical	0	1.19	-
2412MHz_TX	Pass	PK	2.3884G	66.08	74.00	-7.92	30.68	3	Vertical	0	1.19	-
2412MHz_TX	Pass	PK	2.4076G	114.83	Inf	-Inf	30.74	3	Vertical	0	1.19	-
2412MHz_TX	Pass	AV	2.3896G	52.52	54.00	-1.48	30.69	3	Horizontal	346	1.76	-
2412MHz_TX	Pass	AV	2.4146G	108.23	Inf	-Inf	30.77	3	Horizontal	346	1.76	-
2412MHz_TX	Pass	PK	2.39G	66.62	74.00	-7.38	30.69	3	Horizontal	346	1.76	-
2412MHz_TX	Pass	PK	2.4094G	117.05	Inf	-Inf	30.75	3	Horizontal	346	1.76	-
2412MHz_TX	Pass	AV	4.82376G	38.70	54.00	-15.30	6.53	3	Vertical	330	1.86	-
2412MHz_TX	Pass	PK	4.8252G	51.01	74.00	-22.99	6.54	3	Vertical	330	1.86	-
2412MHz_TX	Pass	AV	4.82382G	37.81	54.00	-16.19	6.53	3	Horizontal	15	1.77	-
2412MHz_TX	Pass	PK	4.82352G	49.97	74.00	-24.03	6.53	3	Horizontal	15	1.77	-
2417MHz_TX	Pass	AV	2.389G	53.51	54.00	-0.49	30.68	3	Vertical	11	1.19	-
2417MHz_TX	Pass	AV	2.4132G	106.82	Inf	-Inf	30.76	3	Vertical	11	1.19	-
2417MHz_TX	Pass	PK	2.3886G	69.73	74.00	-4.27	30.68	3	Vertical	11	1.19	-
2417MHz_TX	Pass	PK	2.4138G	115.93	Inf	-Inf	30.76	3	Vertical	11	1.19	-
2417MHz_TX	Pass	AV	2.3898G	53.88	54.00	-0.12	30.69	3	Horizontal	350	1.78	-
2417MHz_TX	Pass	AV	2.4146G	109.14	Inf	-Inf	30.77	3	Horizontal	350	1.78	-
2417MHz_TX	Pass	PK	2.39G	68.89	74.00	-5.11	30.69	3	Horizontal	350	1.78	-
2417MHz_TX	Pass	PK	2.4152G	118.25	Inf	-Inf	30.77	3	Horizontal	350	1.78	-
2422MHz_TX	Pass	AV	2.3896G	53.41	54.00	-0.59	30.69	3	Vertical	5	1.20	-
2422MHz_TX	Pass	AV	2.4176G	107.94	Inf	-Inf	30.77	3	Vertical	5	1.20	-
2422MHz_TX	Pass	PK	2.3892G	71.28	74.00	-2.72	30.68	3	Vertical	5	1.20	-
2422MHz_TX	Pass	PK	2.4178G	117.05	Inf	-Inf	30.77	3	Vertical	5	1.20	-
2422MHz_TX	Pass	AV	2.39G	53.53	54.00	-0.47	30.69	3	Horizontal	349	1.78	-
2422MHz_TX	Pass	AV	2.4198G	108.73	Inf	-Inf	30.78	3	Horizontal	349	1.78	-
2422MHz_TX	Pass	PK	2.3896G	69.68	74.00	-4.32	30.69	3	Horizontal	349	1.78	-
2422MHz_TX	Pass	PK	2.415G	118.03	Inf	-Inf	30.77	3	Horizontal	349	1.78	-
2427MHz_TX	Pass	AV	2.39G	51.38	54.00	-2.62	30.69	3	Vertical	338	1.17	-
2427MHz_TX	Pass	AV	2.4256G	107.92	Inf	-Inf	30.79	3	Vertical	338	1.17	-
2427MHz_TX	Pass	PK	2.3868G	65.01	74.00	-8.99	30.68	3	Vertical	338	1.17	-
2427MHz_TX	Pass	PK	2.425G	117.03	Inf	-Inf	30.79	3	Vertical	338	1.17	-
2427MHz_TX	Pass	AV	2.39G	53.04	54.00	-0.96	30.69	3	Horizontal	350	1.81	-
2427MHz_TX	Pass	AV	2.4248G	111.35	Inf	-Inf	30.79	3	Horizontal	350	1.81	-
2427MHz_TX	Pass	PK	2.3894G	68.39	74.00	-5.61	30.68	3	Horizontal	350	1.81	-
2427MHz_TX	Pass	PK	2.4242G	120.50	Inf	-Inf	30.79	3	Horizontal	350	1.81	-
2432MHz_TX	Pass	AV	2.3888G	52.23	54.00	-1.77	30.68	3	Vertical	2	1.22	-
2432MHz_TX	Pass	AV	2.4276G	108.49	Inf	-Inf	30.81	3	Vertical	2	1.22	-
2432MHz_TX	Pass	AV	2.4835G	48.40	54.00	-5.60	30.97	3	Vertical	2	1.22	-
2432MHz_TX	Pass	PK	2.3892G	67.93	74.00	-6.07	30.68	3	Vertical	2	1.22	-
2432MHz_TX	Pass	PK	2.4272G	117.64	Inf	-Inf	30.80	3	Vertical	2	1.22	-
2432MHz_TX	Pass	PK	2.4844G	59.78	74.00	-14.22	30.97	3	Vertical	2	1.22	-
2432MHz_TX	Pass	AV	2.39G	53.53	54.00	-0.47	30.69	3	Horizontal	349	1.33	-
2432MHz_TX	Pass	AV	2.4348G	112.53	Inf	-Inf	30.82	3	Horizontal	349	1.33	-
2432MHz_TX	Pass	AV	2.496G	49.36	54.00	-4.64	31.00	3	Horizontal	349	1.33	-
2432MHz_TX	Pass	PK	2.39G	69.45	74.00	-4.55	30.69	3	Horizontal	349	1.33	-
2432MHz_TX	Pass	PK	2.4344G	120.75	Inf	-Inf	30.82	3	Horizontal	349	1.33	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2432MHz_TX	Pass	PK	2.486G	59.47	74.00	-14.53	30.98	3	Horizontal	349	1.33	-
2437MHz_TX	Pass	AV	2.3898G	49.71	54.00	-4.29	30.69	3	Vertical	325	1.11	-
2437MHz_TX	Pass	AV	2.4398G	109.52	Inf	-Inf	30.84	3	Vertical	325	1.11	-
2437MHz_TX	Pass	AV	2.4962G	48.44	54.00	-5.56	31.00	3	Vertical	325	1.11	-
2437MHz_TX	Pass	PK	2.3898G	63.34	74.00	-10.66	30.69	3	Vertical	325	1.11	-
2437MHz_TX	Pass	PK	2.435G	118.19	Inf	-Inf	30.82	3	Vertical	325	1.11	-
2437MHz_TX	Pass	PK	2.485G	60.44	74.00	-13.56	30.97	3	Vertical	325	1.11	-
2437MHz_TX	Pass	AV	2.3894G	51.06	54.00	-2.94	30.68	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	AV	2.4346G	112.74	Inf	-Inf	30.82	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	AV	2.4842G	50.34	54.00	-3.66	30.97	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	PK	2.389G	64.98	74.00	-9.02	30.68	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	PK	2.4346G	122.13	Inf	-Inf	30.82	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	PK	2.4838G	64.50	74.00	-9.50	30.97	3	Horizontal	348	1.71	-
2437MHz_TX	Pass	AV	4.87304G	43.88	54.00	-10.12	6.65	3	Vertical	327	1.79	-
2437MHz_TX	Pass	PK	4.87904G	55.01	74.00	-18.99	6.67	3	Vertical	327	1.79	-
2437MHz_TX	Pass	AV	4.87352G	43.16	54.00	-10.84	6.65	3	Horizontal	16	1.50	-
2437MHz_TX	Pass	PK	4.86866G	54.54	74.00	-19.46	6.65	3	Horizontal	16	1.50	-
2442MHz_TX	Pass	AV	2.3896G	47.86	54.00	-6.14	30.69	3	Vertical	327	1.10	-
2442MHz_TX	Pass	AV	2.44G	108.36	Inf	-Inf	30.84	3	Vertical	327	1.10	-
2442MHz_TX	Pass	AV	2.484G	49.74	54.00	-4.26	30.97	3	Vertical	327	1.10	-
2442MHz_TX	Pass	PK	2.39G	61.14	74.00	-12.86	30.69	3	Vertical	327	1.10	-
2442MHz_TX	Pass	PK	2.4404G	117.20	Inf	-Inf	30.84	3	Vertical	327	1.10	-
2442MHz_TX	Pass	PK	2.4852G	63.94	74.00	-10.06	30.97	3	Vertical	327	1.10	-
2442MHz_TX	Pass	AV	2.3896G	49.33	54.00	-4.67	30.69	3	Horizontal	348	1.56	-
2442MHz_TX	Pass	AV	2.4396G	112.98	Inf	-Inf	30.84	3	Horizontal	348	1.56	-
2442MHz_TX	Pass	AV	2.4844G	53.27	54.00	-0.73	30.97	3	Horizontal	348	1.56	-
2442MHz_TX	Pass	PK	2.3884G	64.01	74.00	-9.99	30.68	3	Horizontal	348	1.56	-
2442MHz_TX	Pass	PK	2.4444G	121.76	Inf	-Inf	30.85	3	Horizontal	348	1.56	-
2442MHz_TX	Pass	PK	2.4852G	70.35	74.00	-3.65	30.97	3	Horizontal	348	1.56	-
2447MHz_TX	Pass	AV	2.3898G	46.89	54.00	-7.11	30.69	3	Vertical	324	1.12	-
2447MHz_TX	Pass	AV	2.449G	107.81	Inf	-Inf	30.87	3	Vertical	324	1.12	-
2447MHz_TX	Pass	AV	2.4842G	51.26	54.00	-2.74	30.97	3	Vertical	324	1.12	-
2447MHz_TX	Pass	PK	2.3714G	57.59	74.00	-16.41	30.63	3	Vertical	324	1.12	-
2447MHz_TX	Pass	PK	2.445G	116.33	Inf	-Inf	30.85	3	Vertical	324	1.12	-
2447MHz_TX	Pass	PK	2.4838G	66.25	74.00	-7.75	30.97	3	Vertical	324	1.12	-
2447MHz_TX	Pass	AV	2.3898G	48.09	54.00	-5.91	30.69	3	Horizontal	352	1.55	-
2447MHz_TX	Pass	AV	2.4446G	112.10	Inf	-Inf	30.85	3	Horizontal	352	1.55	-
2447MHz_TX	Pass	AV	2.4838G	53.67	54.00	-0.33	30.97	3	Horizontal	352	1.55	-
2447MHz_TX	Pass	PK	2.3894G	59.05	74.00	-14.95	30.68	3	Horizontal	352	1.55	-
2447MHz_TX	Pass	PK	2.4446G	121.08	Inf	-Inf	30.85	3	Horizontal	352	1.55	-
2447MHz_TX	Pass	PK	2.4846G	68.05	74.00	-5.95	30.97	3	Horizontal	352	1.55	-
2452MHz_TX	Pass	AV	2.4492G	106.36	Inf	-Inf	30.87	3	Vertical	321	1.10	-
2452MHz_TX	Pass	AV	2.4836G	50.34	54.00	-3.66	30.97	3	Vertical	321	1.10	-
2452MHz_TX	Pass	PK	2.4494G	115.42	Inf	-Inf	30.87	3	Vertical	321	1.10	-
2452MHz_TX	Pass	PK	2.4842G	64.95	74.00	-9.05	30.97	3	Vertical	321	1.10	-
2452MHz_TX	Pass	AV	2.4496G	110.53	Inf	-Inf	30.87	3	Horizontal	350	1.49	-
2452MHz_TX	Pass	AV	2.4838G	53.80	54.00	-0.20	30.97	3	Horizontal	350	1.49	-
2452MHz_TX	Pass	PK	2.4498G	119.31	Inf	-Inf	30.87	3	Horizontal	350	1.49	-
2452MHz_TX	Pass	PK	2.4842G	69.96	74.00	-4.04	30.97	3	Horizontal	350	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz_TX	Pass	AV	2.4586G	103.68	Inf	-Inf	30.89	3	Vertical	311	1.06	-
2457MHz_TX	Pass	AV	2.4835G	49.74	54.00	-4.26	30.97	3	Vertical	311	1.06	-
2457MHz_TX	Pass	PK	2.4594G	112.33	Inf	-Inf	30.89	3	Vertical	311	1.06	-
2457MHz_TX	Pass	PK	2.4835G	64.57	74.00	-9.43	30.97	3	Vertical	311	1.06	-
2457MHz_TX	Pass	AV	2.4592G	109.15	Inf	-Inf	30.89	3	Horizontal	349	1.49	-
2457MHz_TX	Pass	AV	2.4838G	53.40	54.00	-0.60	30.97	3	Horizontal	349	1.49	-
2457MHz_TX	Pass	PK	2.4594G	118.95	Inf	-Inf	30.89	3	Horizontal	349	1.49	-
2457MHz_TX	Pass	PK	2.4838G	68.56	74.00	-5.44	30.97	3	Horizontal	349	1.49	-
2462MHz_TX	Pass	AV	2.4582G	103.95	Inf	-Inf	30.89	3	Vertical	356	3.01	-
2462MHz_TX	Pass	AV	2.4835G	51.26	54.00	-2.74	30.97	3	Vertical	356	3.01	-
2462MHz_TX	Pass	PK	2.458G	112.42	Inf	-Inf	30.89	3	Vertical	356	3.01	-
2462MHz_TX	Pass	PK	2.4838G	64.64	74.00	-9.36	30.97	3	Vertical	356	3.01	-
2462MHz_TX	Pass	AV	2.459G	108.15	Inf	-Inf	30.89	3	Horizontal	344	1.49	-
2462MHz_TX	Pass	AV	2.4838G	53.13	54.00	-0.87	30.97	3	Horizontal	344	1.49	-
2462MHz_TX	Pass	PK	2.459G	117.16	Inf	-Inf	30.89	3	Horizontal	344	1.49	-
2462MHz_TX	Pass	PK	2.4836G	66.93	74.00	-7.07	30.97	3	Horizontal	344	1.49	-
2462MHz_TX	Pass	AV	4.92382G	36.38	54.00	-17.62	6.77	3	Vertical	343	1.70	-
2462MHz_TX	Pass	PK	4.9177G	47.49	74.00	-26.51	6.75	3	Vertical	343	1.70	-
2462MHz_TX	Pass	AV	4.92376G	37.25	54.00	-16.75	6.77	3	Horizontal	25	1.50	-
2462MHz_TX	Pass	PK	4.92382G	48.68	74.00	-25.32	6.77	3	Horizontal	25	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.3898G	53.41	54.00	-0.59	30.69	3	Vertical	0	1.17	-
2412MHz_TX	Pass	AV	2.4146G	106.30	Inf	-Inf	30.77	3	Vertical	0	1.17	-
2412MHz_TX	Pass	PK	2.3896G	68.24	74.00	-5.76	30.69	3	Vertical	0	1.17	-
2412MHz_TX	Pass	PK	2.4156G	116.35	Inf	-Inf	30.77	3	Vertical	0	1.17	-
2412MHz_TX	Pass	AV	2.3898G	53.04	54.00	-0.96	30.69	3	Horizontal	350	1.31	-
2412MHz_TX	Pass	AV	2.4044G	107.73	Inf	-Inf	30.73	3	Horizontal	350	1.31	-
2412MHz_TX	Pass	PK	2.3896G	70.07	74.00	-3.93	30.69	3	Horizontal	350	1.31	-
2412MHz_TX	Pass	PK	2.405G	117.34	Inf	-Inf	30.73	3	Horizontal	350	1.31	-
2412MHz_TX	Pass	AV	4.8237G	36.96	54.00	-17.04	6.53	3	Vertical	340	1.68	-
2412MHz_TX	Pass	PK	4.82316G	49.33	74.00	-24.67	6.53	3	Vertical	340	1.68	-
2412MHz_TX	Pass	AV	4.82412G	36.26	54.00	-17.74	6.53	3	Horizontal	26	1.50	-
2412MHz_TX	Pass	PK	4.82406G	48.44	74.00	-25.56	6.53	3	Horizontal	26	1.50	-
2417MHz_TX	Pass	AV	2.39G	52.11	54.00	-1.89	30.69	3	Vertical	7	1.19	-
2417MHz_TX	Pass	AV	2.4202G	105.69	Inf	-Inf	30.78	3	Vertical	7	1.19	-
2417MHz_TX	Pass	PK	2.3886G	67.43	74.00	-6.57	30.68	3	Vertical	7	1.19	-
2417MHz_TX	Pass	PK	2.4204G	115.33	Inf	-Inf	30.78	3	Vertical	7	1.19	-
2417MHz_TX	Pass	AV	2.39G	53.88	54.00	-0.12	30.69	3	Horizontal	353	1.50	-
2417MHz_TX	Pass	AV	2.4094G	107.85	Inf	-Inf	30.75	3	Horizontal	353	1.50	-
2417MHz_TX	Pass	PK	2.3886G	69.87	74.00	-4.13	30.68	3	Horizontal	353	1.50	-
2417MHz_TX	Pass	PK	2.4106G	117.16	Inf	-Inf	30.76	3	Horizontal	353	1.50	-
2422MHz_TX	Pass	AV	2.3858G	48.88	54.00	-5.12	30.68	3	Vertical	334	1.01	-
2422MHz_TX	Pass	AV	2.417G	106.69	Inf	-Inf	30.77	3	Vertical	334	1.01	-
2422MHz_TX	Pass	PK	2.382G	63.33	74.00	-10.67	30.67	3	Vertical	334	1.01	-
2422MHz_TX	Pass	PK	2.4162G	115.87	Inf	-Inf	30.77	3	Vertical	334	1.01	-
2422MHz_TX	Pass	AV	2.39G	53.76	54.00	-0.24	30.69	3	Horizontal	354	1.78	-
2422MHz_TX	Pass	AV	2.4146G	110.15	Inf	-Inf	30.77	3	Horizontal	354	1.78	-
2422MHz_TX	Pass	PK	2.3898G	70.09	74.00	-3.91	30.69	3	Horizontal	354	1.78	-
2422MHz_TX	Pass	PK	2.4152G	119.52	Inf	-Inf	30.77	3	Horizontal	354	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz_TX	Pass	AV	2.3898G	53.41	54.00	-0.59	30.69	3	Vertical	0	1.17	-
2427MHz_TX	Pass	AV	2.4286G	107.56	Inf	-Inf	30.81	3	Vertical	0	1.17	-
2427MHz_TX	Pass	AV	2.4926G	47.93	54.00	-6.07	30.99	3	Vertical	0	1.17	-
2427MHz_TX	Pass	PK	2.3898G	66.77	74.00	-7.23	30.69	3	Vertical	0	1.17	-
2427MHz_TX	Pass	PK	2.4306G	116.42	Inf	-Inf	30.81	3	Vertical	0	1.17	-
2427MHz_TX	Pass	PK	2.4858G	59.15	74.00	-14.85	30.98	3	Vertical	0	1.17	-
2427MHz_TX	Pass	AV	2.3822G	49.81	54.00	-4.19	30.67	3	Horizontal	352	1.35	-
2427MHz_TX	Pass	AV	2.4194G	110.26	Inf	-Inf	30.78	3	Horizontal	352	1.35	-
2427MHz_TX	Pass	AV	2.4962G	49.57	54.00	-4.43	31.00	3	Horizontal	352	1.35	-
2427MHz_TX	Pass	PK	2.385G	63.69	74.00	-10.31	30.67	3	Horizontal	352	1.35	-
2427MHz_TX	Pass	PK	2.4202G	119.92	Inf	-Inf	30.78	3	Horizontal	352	1.35	-
2427MHz_TX	Pass	PK	2.4966G	60.18	74.00	-13.82	31.00	3	Horizontal	352	1.35	-
2432MHz_TX	Pass	AV	2.39G	52.25	54.00	-1.75	30.69	3	Vertical	3	1.18	-
2432MHz_TX	Pass	AV	2.4356G	110.00	Inf	-Inf	30.83	3	Vertical	3	1.18	-
2432MHz_TX	Pass	AV	2.4835G	48.64	54.00	-5.36	30.97	3	Vertical	3	1.18	-
2432MHz_TX	Pass	PK	2.3896G	66.89	74.00	-7.11	30.69	3	Vertical	3	1.18	-
2432MHz_TX	Pass	PK	2.4364G	119.67	Inf	-Inf	30.83	3	Vertical	3	1.18	-
2432MHz_TX	Pass	PK	2.496G	60.70	74.00	-13.30	31.00	3	Vertical	3	1.18	-
2432MHz_TX	Pass	AV	2.3892G	52.09	54.00	-1.91	30.68	3	Horizontal	352	1.79	-
2432MHz_TX	Pass	AV	2.4244G	112.00	Inf	-Inf	30.79	3	Horizontal	352	1.79	-
2432MHz_TX	Pass	AV	2.496G	49.13	54.00	-4.87	31.00	3	Horizontal	352	1.79	-
2432MHz_TX	Pass	PK	2.3872G	69.28	74.00	-4.72	30.68	3	Horizontal	352	1.79	-
2432MHz_TX	Pass	PK	2.4252G	121.39	Inf	-Inf	30.79	3	Horizontal	352	1.79	-
2432MHz_TX	Pass	PK	2.4964G	60.35	74.00	-13.65	31.00	3	Horizontal	352	1.79	-
2437MHz_TX	Pass	AV	2.3898G	48.93	54.00	-5.07	30.69	3	Vertical	0	1.07	-
2437MHz_TX	Pass	AV	2.4398G	109.06	Inf	-Inf	30.84	3	Vertical	0	1.07	-
2437MHz_TX	Pass	AV	2.4835G	49.32	54.00	-4.68	30.97	3	Vertical	0	1.07	-
2437MHz_TX	Pass	PK	2.3842G	62.04	74.00	-11.96	30.67	3	Vertical	0	1.07	-
2437MHz_TX	Pass	PK	2.4394G	118.30	Inf	-Inf	30.83	3	Vertical	0	1.07	-
2437MHz_TX	Pass	PK	2.4838G	61.81	74.00	-12.19	30.97	3	Vertical	0	1.07	-
2437MHz_TX	Pass	AV	2.3898G	50.75	54.00	-3.25	30.69	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	AV	2.4302G	111.68	Inf	-Inf	30.81	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	AV	2.4835G	49.74	54.00	-4.26	30.97	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	PK	2.389G	66.70	74.00	-7.30	30.68	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	PK	2.4302G	120.72	Inf	-Inf	30.81	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	PK	2.4894G	62.49	74.00	-11.51	30.98	3	Horizontal	349	1.31	-
2437MHz_TX	Pass	AV	4.87352G	39.67	54.00	-14.33	6.65	3	Vertical	340	1.50	-
2437MHz_TX	Pass	PK	4.87352G	51.87	74.00	-22.13	6.65	3	Vertical	340	1.50	-
2437MHz_TX	Pass	AV	4.87406G	40.59	54.00	-13.41	6.65	3	Horizontal	24	1.50	-
2437MHz_TX	Pass	PK	4.87298G	52.84	74.00	-21.16	6.65	3	Horizontal	24	1.50	-
2442MHz_TX	Pass	AV	2.39G	48.09	54.00	-5.91	30.69	3	Vertical	342	1.08	-
2442MHz_TX	Pass	AV	2.4388G	109.51	Inf	-Inf	30.83	3	Vertical	342	1.08	-
2442MHz_TX	Pass	AV	2.4835G	50.15	54.00	-3.85	30.97	3	Vertical	342	1.08	-
2442MHz_TX	Pass	PK	2.3816G	59.11	74.00	-14.89	30.67	3	Vertical	342	1.08	-
2442MHz_TX	Pass	PK	2.4384G	118.30	Inf	-Inf	30.83	3	Vertical	342	1.08	-
2442MHz_TX	Pass	PK	2.4835G	63.18	74.00	-10.82	30.97	3	Vertical	342	1.08	-
2442MHz_TX	Pass	AV	2.39G	48.94	54.00	-5.06	30.69	3	Horizontal	359	1.73	-
2442MHz_TX	Pass	AV	2.436G	112.19	Inf	-Inf	30.83	3	Horizontal	359	1.73	-
2442MHz_TX	Pass	AV	2.4835G	51.60	54.00	-2.40	30.97	3	Horizontal	359	1.73	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2442MHz_TX	Pass	PK	2.39G	64.24	74.00	-9.76	30.69	3	Horizontal	359	1.73	-
2442MHz_TX	Pass	PK	2.4364G	120.99	Inf	-Inf	30.83	3	Horizontal	359	1.73	-
2442MHz_TX	Pass	PK	2.4844G	64.81	74.00	-9.19	30.97	3	Horizontal	359	1.73	-
2447MHz_TX	Pass	AV	2.3898G	48.31	54.00	-5.69	30.69	3	Vertical	9	1.07	-
2447MHz_TX	Pass	AV	2.449G	109.75	Inf	-Inf	30.87	3	Vertical	9	1.07	-
2447MHz_TX	Pass	AV	2.4838G	53.40	54.00	-0.60	30.97	3	Vertical	9	1.07	-
2447MHz_TX	Pass	PK	2.389G	60.22	74.00	-13.78	30.68	3	Vertical	9	1.07	-
2447MHz_TX	Pass	PK	2.4506G	119.13	Inf	-Inf	30.87	3	Vertical	9	1.07	-
2447MHz_TX	Pass	PK	2.4838G	67.76	74.00	-6.24	30.97	3	Vertical	9	1.07	-
2447MHz_TX	Pass	AV	2.3898G	47.39	54.00	-6.61	30.69	3	Horizontal	354	1.55	-
2447MHz_TX	Pass	AV	2.4394G	110.67	Inf	-Inf	30.83	3	Horizontal	354	1.55	-
2447MHz_TX	Pass	AV	2.4835G	51.93	54.00	-2.07	30.97	3	Horizontal	354	1.55	-
2447MHz_TX	Pass	PK	2.3818G	58.18	74.00	-15.82	30.67	3	Horizontal	354	1.55	-
2447MHz_TX	Pass	PK	2.4398G	119.28	Inf	-Inf	30.84	3	Horizontal	354	1.55	-
2447MHz_TX	Pass	PK	2.4835G	65.83	74.00	-8.17	30.97	3	Horizontal	354	1.55	-
2452MHz_TX	Pass	AV	2.4594G	106.95	Inf	-Inf	30.89	3	Vertical	322	1.06	-
2452MHz_TX	Pass	AV	2.4835G	51.76	54.00	-2.24	30.97	3	Vertical	322	1.06	-
2452MHz_TX	Pass	PK	2.4582G	116.40	Inf	-Inf	30.89	3	Vertical	322	1.06	-
2452MHz_TX	Pass	PK	2.4835G	67.12	74.00	-6.88	30.97	3	Vertical	322	1.06	-
2452MHz_TX	Pass	AV	2.4588G	109.66	Inf	-Inf	30.89	3	Horizontal	348	1.50	-
2452MHz_TX	Pass	AV	2.4835G	53.40	54.00	-0.60	30.97	3	Horizontal	348	1.50	-
2452MHz_TX	Pass	PK	2.4584G	118.84	Inf	-Inf	30.89	3	Horizontal	348	1.50	-
2452MHz_TX	Pass	PK	2.4842G	67.04	74.00	-6.96	30.97	3	Horizontal	348	1.50	-
2457MHz_TX	Pass	AV	2.4588G	106.41	Inf	-Inf	30.89	3	Vertical	7	1.05	-
2457MHz_TX	Pass	AV	2.4835G	51.43	54.00	-2.57	30.97	3	Vertical	7	1.05	-
2457MHz_TX	Pass	PK	2.4602G	115.98	Inf	-Inf	30.89	3	Vertical	7	1.05	-
2457MHz_TX	Pass	PK	2.484G	65.80	74.00	-8.20	30.97	3	Vertical	7	1.05	-
2457MHz_TX	Pass	AV	2.4626G	108.40	Inf	-Inf	30.90	3	Horizontal	341	1.50	-
2457MHz_TX	Pass	AV	2.4835G	53.67	54.00	-0.33	30.97	3	Horizontal	341	1.50	-
2457MHz_TX	Pass	PK	2.4626G	117.94	Inf	-Inf	30.90	3	Horizontal	341	1.50	-
2457MHz_TX	Pass	PK	2.4842G	69.05	74.00	-4.95	30.97	3	Horizontal	341	1.50	-
2462MHz_TX	Pass	AV	2.4594G	103.22	Inf	-Inf	30.89	3	Vertical	29	2.56	-
2462MHz_TX	Pass	AV	2.4835G	50.53	54.00	-3.47	30.97	3	Vertical	29	2.56	-
2462MHz_TX	Pass	PK	2.4578G	113.21	Inf	-Inf	30.89	3	Vertical	29	2.56	-
2462MHz_TX	Pass	PK	2.4835G	63.74	74.00	-10.26	30.97	3	Vertical	29	2.56	-
2462MHz_TX	Pass	AV	2.4688G	107.86	Inf	-Inf	30.93	3	Horizontal	339	1.71	-
2462MHz_TX	Pass	AV	2.485G	52.84	54.00	-1.16	30.97	3	Horizontal	339	1.71	-
2462MHz_TX	Pass	PK	2.4688G	117.20	Inf	-Inf	30.93	3	Horizontal	339	1.71	-
2462MHz_TX	Pass	PK	2.4852G	68.08	74.00	-5.92	30.97	3	Horizontal	339	1.71	-
2462MHz_TX	Pass	PK	4.92394G	47.66	74.00	-26.34	6.77	3	Vertical	346	1.50	-
2462MHz_TX	Pass	AV	4.92376G	36.04	54.00	-17.96	6.77	3	Vertical	346	1.50	-
2462MHz_TX	Pass	AV	4.92004G	36.32	54.00	-17.68	6.76	3	Horizontal	22	1.50	-
2462MHz_TX	Pass	PK	4.92196G	49.90	74.00	-24.10	6.76	3	Horizontal	22	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TX	Pass	AV	2.3896G	53.53	54.00	-0.47	30.69	3	Vertical	0	1.14	-
2422MHz_TX	Pass	AV	2.4248G	101.48	Inf	-Inf	30.79	3	Vertical	0	1.14	-
2422MHz_TX	Pass	AV	2.4892G	48.17	54.00	-5.83	30.98	3	Vertical	0	1.14	-
2422MHz_TX	Pass	PK	2.3872G	65.74	74.00	-8.26	30.68	3	Vertical	0	1.14	-
2422MHz_TX	Pass	PK	2.4076G	110.27	Inf	-Inf	30.74	3	Vertical	0	1.14	-

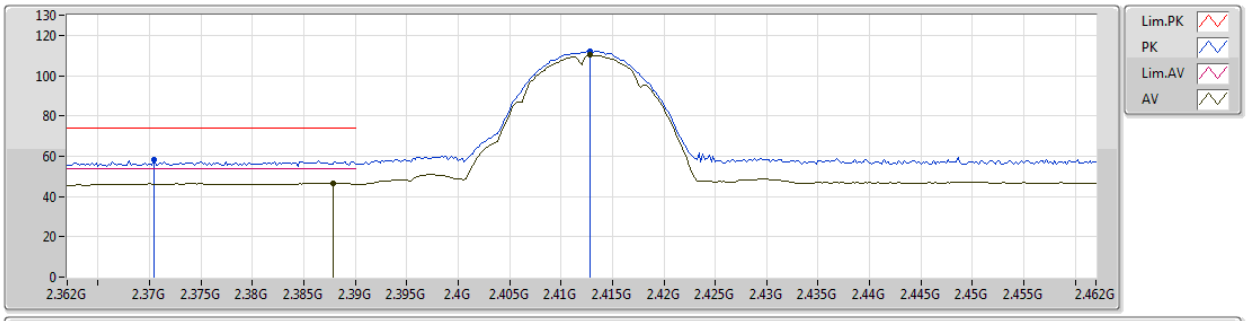
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz_TX	Pass	PK	2.4904G	59.92	74.00	-14.08	30.99	3	Vertical	0	1.14	-
2422MHz_TX	Pass	AV	2.39G	53.77	54.00	-0.23	30.69	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	AV	2.4144G	104.91	Inf	-Inf	30.76	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	AV	2.496G	49.78	54.00	-4.22	31.00	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	PK	2.3896G	64.63	74.00	-9.37	30.69	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	PK	2.4132G	114.29	Inf	-Inf	30.76	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	PK	2.494G	60.12	74.00	-13.88	31.00	3	Horizontal	347	1.78	-
2422MHz_TX	Pass	AV	4.84388G	35.45	54.00	-18.55	6.58	3	Vertical	337	1.49	-
2422MHz_TX	Pass	PK	4.8503G	46.33	74.00	-27.67	6.60	3	Vertical	337	1.49	-
2422MHz_TX	Pass	AV	4.84394G	35.36	54.00	-18.64	6.58	3	Horizontal	20	1.50	-
2422MHz_TX	Pass	PK	4.84262G	46.30	74.00	-27.70	6.58	3	Horizontal	20	1.50	-
2427MHz_TX	Pass	AV	2.3898G	53.88	54.00	-0.12	30.69	3	Vertical	7	1.20	-
2427MHz_TX	Pass	AV	2.4294G	102.46	Inf	-Inf	30.81	3	Vertical	7	1.20	-
2427MHz_TX	Pass	AV	2.4842G	48.87	54.00	-5.13	30.97	3	Vertical	7	1.20	-
2427MHz_TX	Pass	PK	2.3894G	65.10	74.00	-8.90	30.68	3	Vertical	7	1.20	-
2427MHz_TX	Pass	PK	2.413G	111.75	Inf	-Inf	30.76	3	Vertical	7	1.20	-
2427MHz_TX	Pass	PK	2.4874G	59.28	74.00	-14.72	30.98	3	Vertical	7	1.20	-
2427MHz_TX	Pass	AV	2.3898G	50.42	54.00	-3.58	30.69	3	Horizontal	351	1.07	-
2427MHz_TX	Pass	AV	2.4182G	103.93	Inf	-Inf	30.77	3	Horizontal	351	1.07	-
2427MHz_TX	Pass	AV	2.4962G	49.78	54.00	-4.22	31.00	3	Horizontal	351	1.07	-
2427MHz_TX	Pass	PK	2.3898G	65.33	74.00	-8.67	30.69	3	Horizontal	351	1.07	-
2427MHz_TX	Pass	PK	2.4182G	112.87	Inf	-Inf	30.77	3	Horizontal	351	1.07	-
2427MHz_TX	Pass	PK	2.4846G	59.84	74.00	-14.16	30.97	3	Horizontal	351	1.07	-
2432MHz_TX	Pass	AV	2.3888G	53.39	54.00	-0.61	30.68	3	Vertical	330	1.18	-
2432MHz_TX	Pass	AV	2.4248G	103.39	Inf	-Inf	30.79	3	Vertical	330	1.18	-
2432MHz_TX	Pass	AV	2.4835G	50.34	54.00	-3.66	30.97	3	Vertical	330	1.18	-
2432MHz_TX	Pass	PK	2.3888G	69.04	74.00	-4.96	30.68	3	Vertical	330	1.18	-
2432MHz_TX	Pass	PK	2.4256G	111.84	Inf	-Inf	30.79	3	Vertical	330	1.18	-
2432MHz_TX	Pass	PK	2.4868G	63.84	74.00	-10.16	30.98	3	Vertical	330	1.18	-
2432MHz_TX	Pass	AV	2.386G	53.60	54.00	-0.40	30.68	3	Horizontal	353	1.50	-
2432MHz_TX	Pass	AV	2.4236G	105.61	Inf	-Inf	30.79	3	Horizontal	353	1.50	-
2432MHz_TX	Pass	AV	2.4835G	51.43	54.00	-2.57	30.97	3	Horizontal	353	1.50	-
2432MHz_TX	Pass	PK	2.39G	70.13	74.00	-3.87	30.69	3	Horizontal	353	1.50	-
2432MHz_TX	Pass	PK	2.424G	114.09	Inf	-Inf	30.79	3	Horizontal	353	1.50	-
2432MHz_TX	Pass	PK	2.4844G	65.95	74.00	-8.05	30.97	3	Horizontal	353	1.50	-
2437MHz_TX	Pass	AV	2.3842G	52.31	54.00	-1.69	30.67	3	Vertical	357	1.08	-
2437MHz_TX	Pass	AV	2.4402G	102.96	Inf	-Inf	30.84	3	Vertical	357	1.08	-
2437MHz_TX	Pass	AV	2.4835G	51.43	54.00	-2.57	30.97	3	Vertical	357	1.08	-
2437MHz_TX	Pass	PK	2.3866G	67.16	74.00	-6.84	30.68	3	Vertical	357	1.08	-
2437MHz_TX	Pass	PK	2.4394G	111.96	Inf	-Inf	30.83	3	Vertical	357	1.08	-
2437MHz_TX	Pass	PK	2.4838G	65.70	74.00	-8.30	30.97	3	Vertical	357	1.08	-
2437MHz_TX	Pass	AV	2.389G	53.51	54.00	-0.49	30.68	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	AV	2.429G	105.52	Inf	-Inf	30.81	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	AV	2.4854G	52.09	54.00	-1.91	30.97	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	PK	2.3898G	69.26	74.00	-4.74	30.69	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	PK	2.4274G	114.26	Inf	-Inf	30.81	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	PK	2.4882G	66.12	74.00	-7.88	30.98	3	Horizontal	344	1.31	-
2437MHz_TX	Pass	AV	4.87364G	35.48	54.00	-18.52	6.65	3	Vertical	343	1.50	-
2437MHz_TX	Pass	PK	4.87508G	46.90	74.00	-27.10	6.66	3	Vertical	343	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz_TX	Pass	AV	4.87382G	36.31	54.00	-17.69	6.65	3	Horizontal	26	1.74	-
2437MHz_TX	Pass	PK	4.87364G	46.84	74.00	-27.16	6.65	3	Horizontal	26	1.74	-
2447MHz_TX	Pass	AV	2.3806G	48.64	54.00	-5.36	30.66	3	Vertical	330	1.09	-
2447MHz_TX	Pass	AV	2.4386G	103.14	Inf	-Inf	30.83	3	Vertical	330	1.09	-
2447MHz_TX	Pass	AV	2.4835G	51.60	54.00	-2.40	30.97	3	Vertical	330	1.09	-
2447MHz_TX	Pass	PK	2.389G	63.71	74.00	-10.29	30.68	3	Vertical	330	1.09	-
2447MHz_TX	Pass	PK	2.439G	112.50	Inf	-Inf	30.83	3	Vertical	330	1.09	-
2447MHz_TX	Pass	PK	2.4835G	68.13	74.00	-5.87	30.97	3	Vertical	330	1.09	-
2447MHz_TX	Pass	AV	2.3894G	49.88	54.00	-4.12	30.68	3	Horizontal	347	1.50	-
2447MHz_TX	Pass	AV	2.4554G	105.52	Inf	-Inf	30.88	3	Horizontal	347	1.50	-
2447MHz_TX	Pass	AV	2.4835G	53.80	54.00	-0.20	30.97	3	Horizontal	347	1.50	-
2447MHz_TX	Pass	PK	2.3894G	66.09	74.00	-7.91	30.68	3	Horizontal	347	1.50	-
2447MHz_TX	Pass	PK	2.4558G	114.64	Inf	-Inf	30.88	3	Horizontal	347	1.50	-
2447MHz_TX	Pass	PK	2.4846G	70.80	74.00	-3.20	30.97	3	Horizontal	347	1.50	-
2452MHz_TX	Pass	AV	2.3796G	47.30	54.00	-6.70	30.66	3	Vertical	306	1.05	-
2452MHz_TX	Pass	AV	2.4588G	100.80	Inf	-Inf	30.89	3	Vertical	306	1.05	-
2452MHz_TX	Pass	AV	2.4835G	50.34	54.00	-3.66	30.97	3	Vertical	306	1.05	-
2452MHz_TX	Pass	PK	2.3848G	58.24	74.00	-15.76	30.67	3	Vertical	306	1.05	-
2452MHz_TX	Pass	PK	2.4592G	109.20	Inf	-Inf	30.89	3	Vertical	306	1.05	-
2452MHz_TX	Pass	PK	2.4844G	65.77	74.00	-8.23	30.97	3	Vertical	306	1.05	-
2452MHz_TX	Pass	AV	2.3844G	48.23	54.00	-5.77	30.67	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	AV	2.444G	104.96	Inf	-Inf	30.85	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	AV	2.4848G	52.84	54.00	-1.16	30.97	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	PK	2.3808G	59.89	74.00	-14.11	30.66	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	PK	2.4608G	113.57	Inf	-Inf	30.90	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	PK	2.4844G	68.59	74.00	-5.41	30.97	3	Horizontal	350	1.94	-
2452MHz_TX	Pass	AV	4.904G	35.39	54.00	-18.61	6.73	3	Vertical	346	1.50	-
2452MHz_TX	Pass	PK	4.90376G	46.37	74.00	-27.63	6.73	3	Vertical	346	1.50	-
2452MHz_TX	Pass	AV	4.90394G	36.00	54.00	-18.00	6.73	3	Horizontal	23	1.90	-
2452MHz_TX	Pass	PK	4.90286G	46.57	74.00	-27.43	6.72	3	Horizontal	23	1.90	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/01/2019

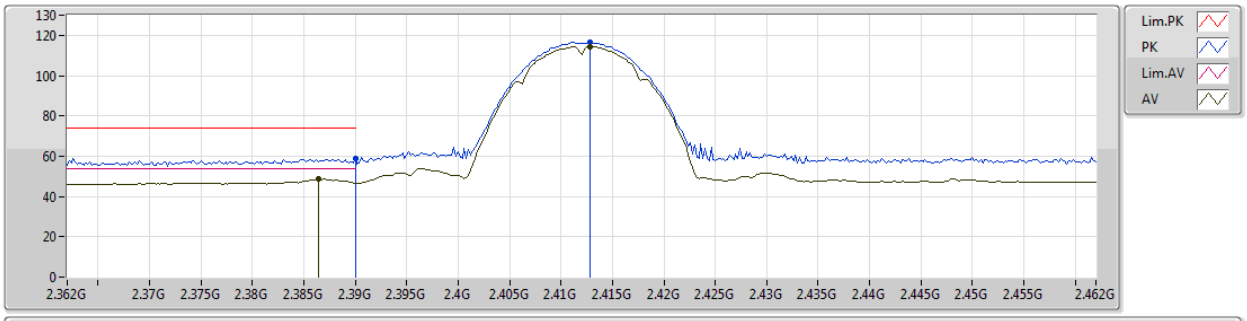


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	46.60	54.00	-7.40	30.68	3	Vertical	324	1.50	-
AV	2.4128G	110.12	Inf	-Inf	30.76	3	Vertical	324	1.50	-
PK	2.3704G	58.20	74.00	-15.80	30.63	3	Vertical	324	1.50	-
PK	2.4128G	112.15	Inf	-Inf	30.76	3	Vertical	324	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/01/2019

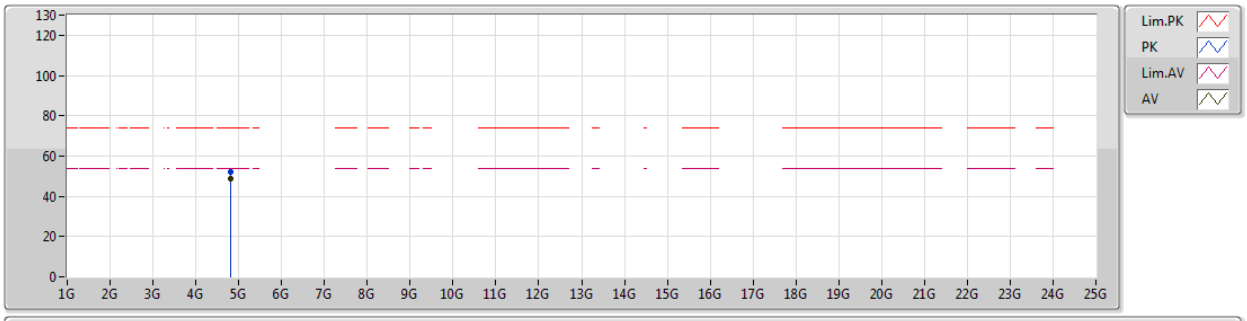


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3864G	48.47	54.00	-5.53	30.68	3	Horizontal	340	1.50	-
AV	2.4128G	114.53	Inf	-Inf	30.76	3	Horizontal	340	1.50	-
PK	2.39G	58.83	74.00	-15.17	30.69	3	Horizontal	340	1.50	-
PK	2.4128G	116.61	Inf	-Inf	30.76	3	Horizontal	340	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/01/2019

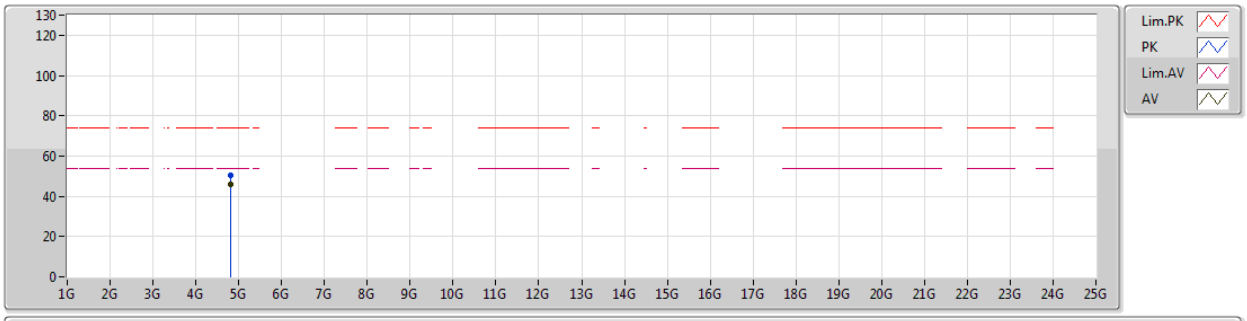


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82393G	48.73	54.00	-5.27	6.53	3	Vertical	280	2.72	-
PK	4.82401G	52.11	74.00	-21.89	6.53	3	Vertical	280	2.72	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

26/01/2019

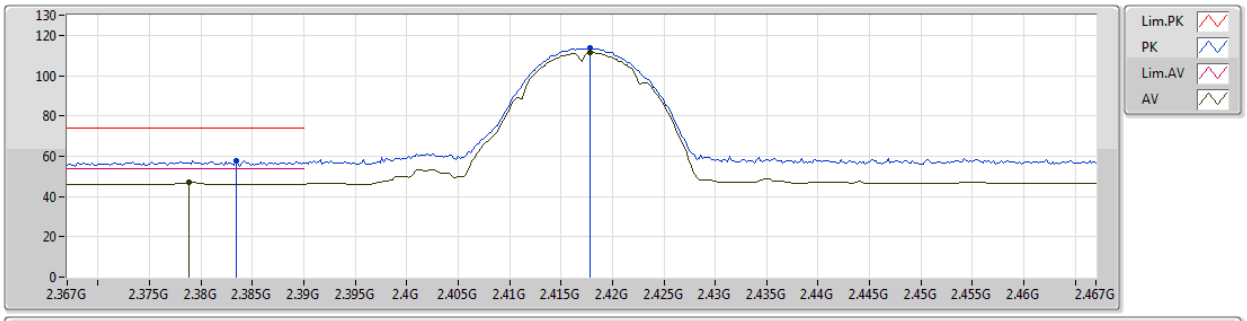


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82392G	46.13	54.00	-7.87	6.53	3	Horizontal	211	2.72	-
PK	4.824G	50.51	74.00	-23.49	6.53	3	Horizontal	211	2.72	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

26/01/2019

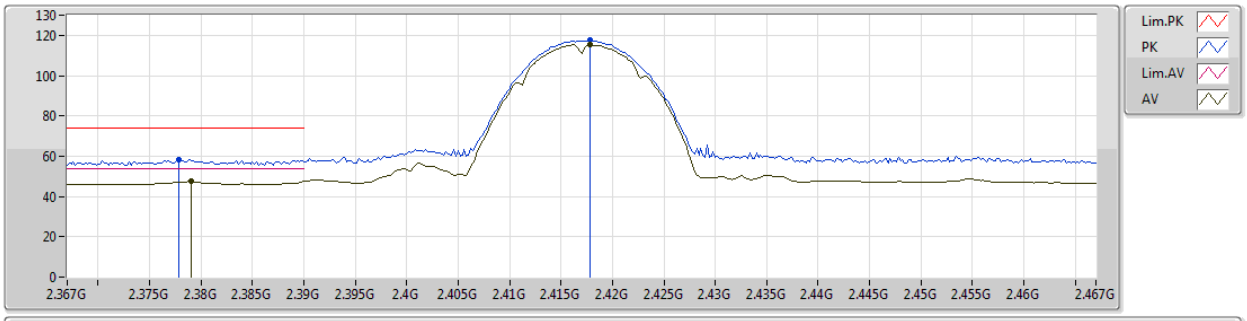


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3788G	46.81	54.00	-7.19	30.66	3	Vertical	329	1.46	-
AV	2.4178G	111.50	Inf	-Inf	30.77	3	Vertical	329	1.46	-
PK	2.3834G	57.56	74.00	-16.44	30.67	3	Vertical	329	1.46	-
PK	2.4178G	113.59	Inf	-Inf	30.77	3	Vertical	329	1.46	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

26/01/2019

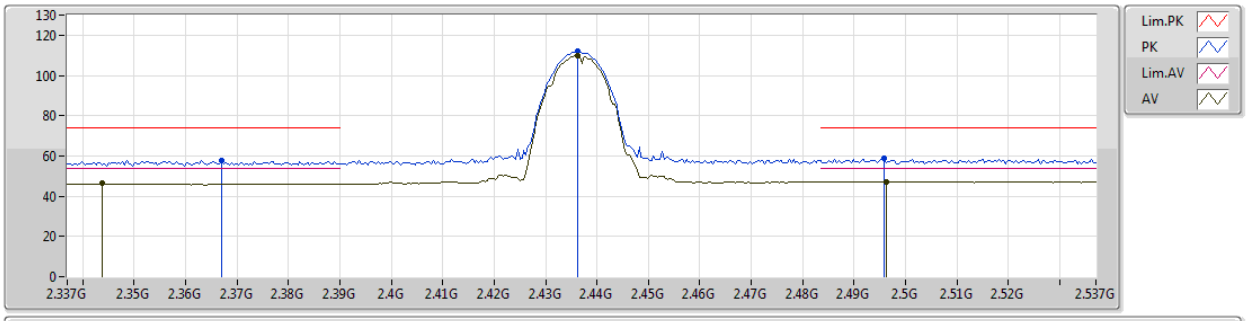


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.379G	47.78	54.00	-6.22	30.66	3	Horizontal	349	1.78	-
AV	2.4178G	115.38	Inf	-Inf	30.77	3	Horizontal	349	1.78	-
PK	2.3778G	58.54	74.00	-15.46	30.65	3	Horizontal	349	1.78	-
PK	2.4178G	117.40	Inf	-Inf	30.77	3	Horizontal	349	1.78	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/01/2019

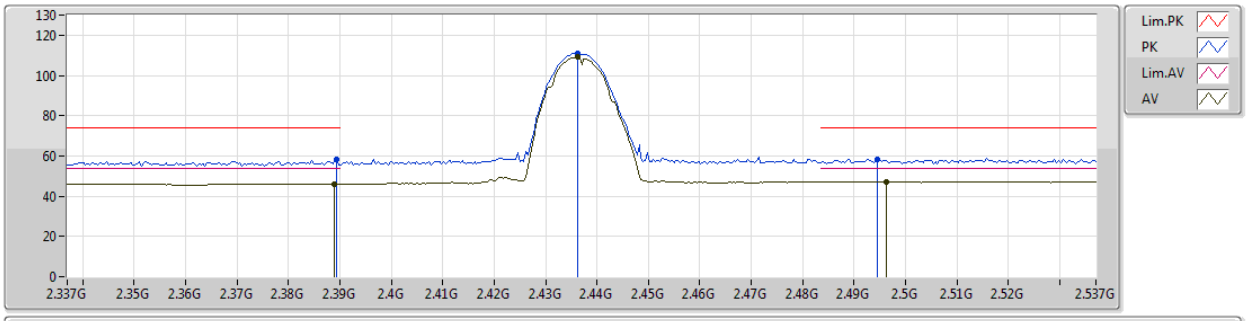


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3438G	46.30	54.00	-7.70	30.55	3	Vertical	319	3.19	-
AV	2.4362G	109.85	Inf	-Inf	30.83	3	Vertical	319	3.19	-
AV	2.4962G	47.14	54.00	-6.86	31.00	3	Vertical	319	3.19	-
PK	2.367G	57.65	74.00	-16.35	30.62	3	Vertical	319	3.19	-
PK	2.4362G	111.80	Inf	-Inf	30.83	3	Vertical	319	3.19	-
PK	2.4958G	58.62	74.00	-15.38	31.00	3	Vertical	319	3.19	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/01/2019

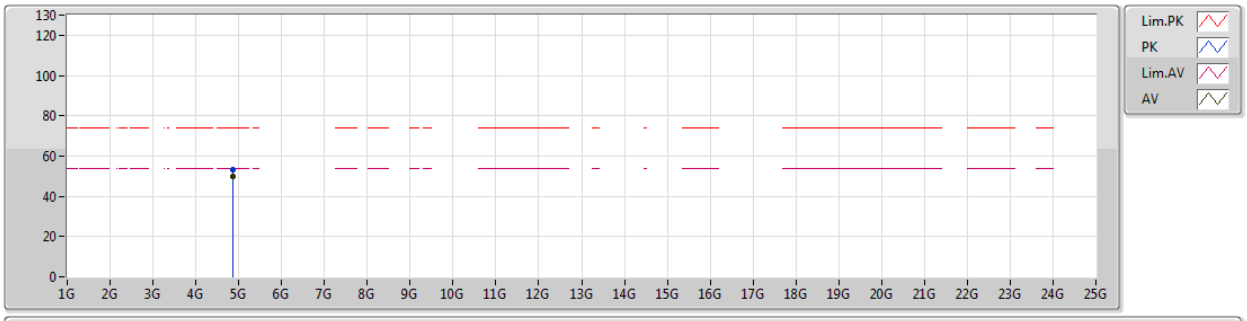


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	46.07	54.00	-7.93	30.68	3	Horizontal	202	1.47	-
AV	2.4362G	109.12	Inf	-Inf	30.83	3	Horizontal	202	1.47	-
AV	2.4962G	47.14	54.00	-6.86	31.00	3	Horizontal	202	1.47	-
PK	2.3894G	58.04	74.00	-15.96	30.68	3	Horizontal	202	1.47	-
PK	2.4362G	111.16	Inf	-Inf	30.83	3	Horizontal	202	1.47	-
PK	2.4946G	58.55	74.00	-15.45	31.00	3	Horizontal	202	1.47	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/01/2019

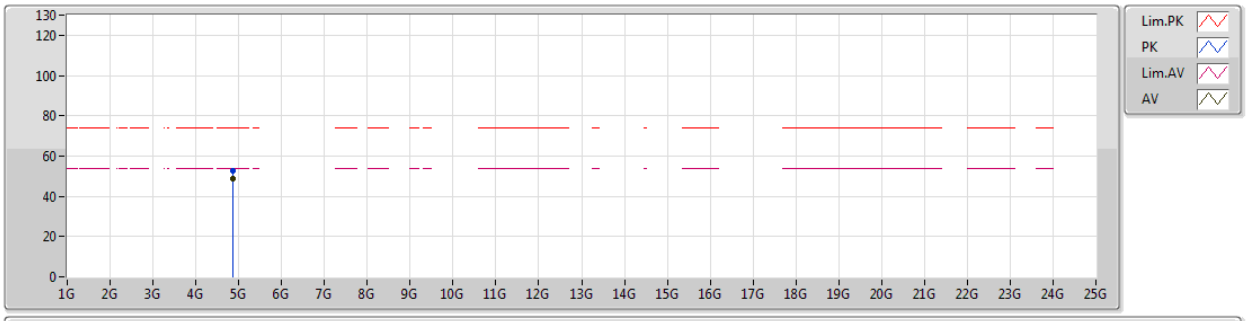


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87395G	49.80	54.00	-4.20	6.65	3	Vertical	269	2.96	-
PK	4.87394G	53.09	74.00	-20.91	6.65	3	Vertical	269	2.96	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

26/01/2019

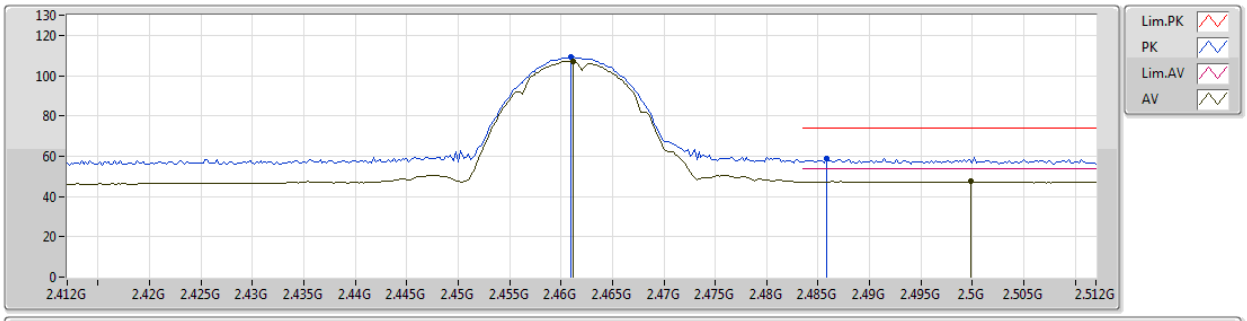


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87392G	48.75	54.00	-5.25	6.65	3	Horizontal	212	2.21	-
PK	4.87396G	52.65	74.00	-21.35	6.65	3	Horizontal	212	2.21	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/01/2019

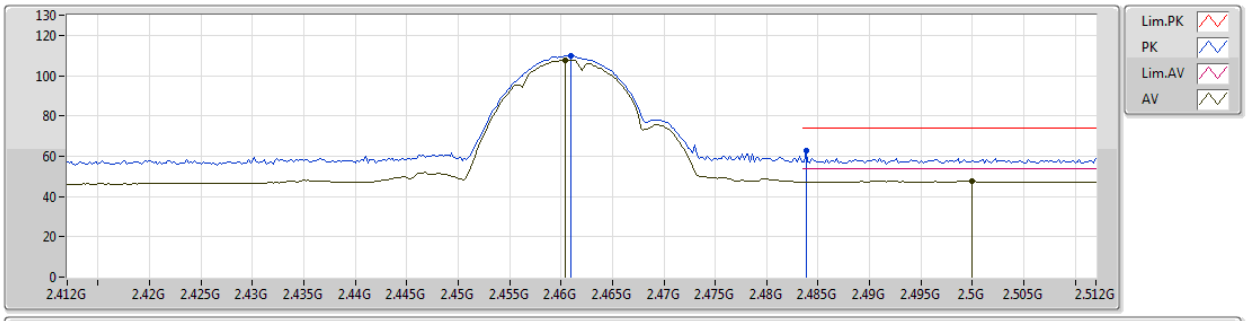


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	107.26	Inf	-Inf	30.90	3	Vertical	326	3.11	-
AV	2.4998G	47.43	54.00	-6.57	31.01	3	Vertical	326	3.11	-
PK	2.461G	109.25	Inf	-Inf	30.90	3	Vertical	326	3.11	-
PK	2.4858G	58.94	74.00	-15.06	30.98	3	Vertical	326	3.11	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/01/2019

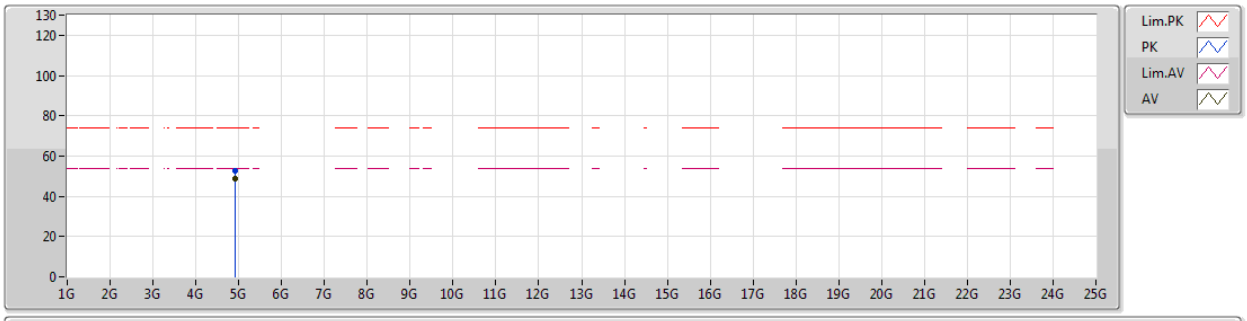


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4604G	107.56	Inf	-Inf	30.89	3	Horizontal	200	3.19	-
AV	2.5G	47.44	54.00	-6.56	31.02	3	Horizontal	200	3.19	-
PK	2.461G	109.64	Inf	-Inf	30.90	3	Horizontal	200	3.19	-
PK	2.4838G	62.74	74.00	-11.26	30.97	3	Horizontal	200	3.19	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/01/2019

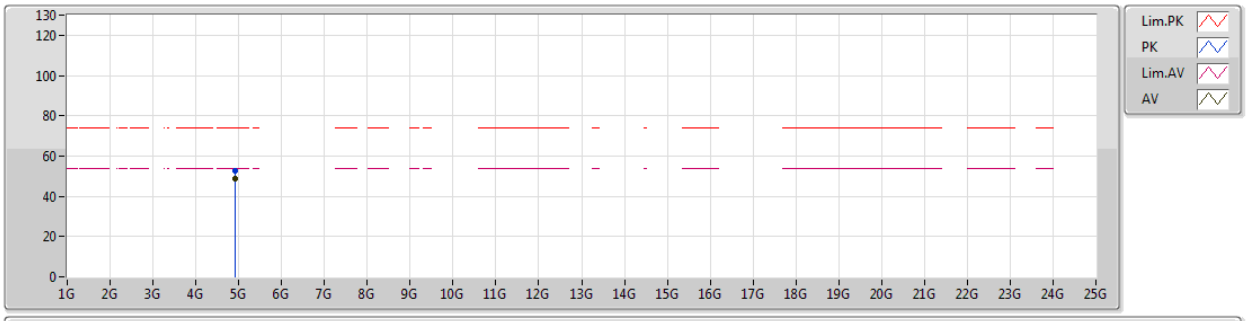


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92398G	48.83	54.00	-5.17	6.77	3	Vertical	42	3.07	-
PK	4.92398G	52.63	74.00	-21.37	6.77	3	Vertical	42	3.07	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

26/01/2019

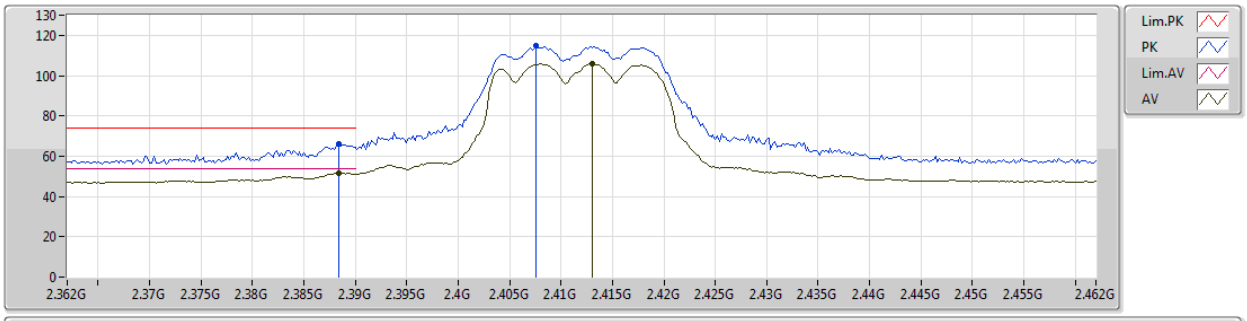


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92394G	48.49	54.00	-5.51	6.77	3	Horizontal	196	3.15	-
PK	4.92398G	52.40	74.00	-21.60	6.77	3	Horizontal	196	3.15	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/01/2019

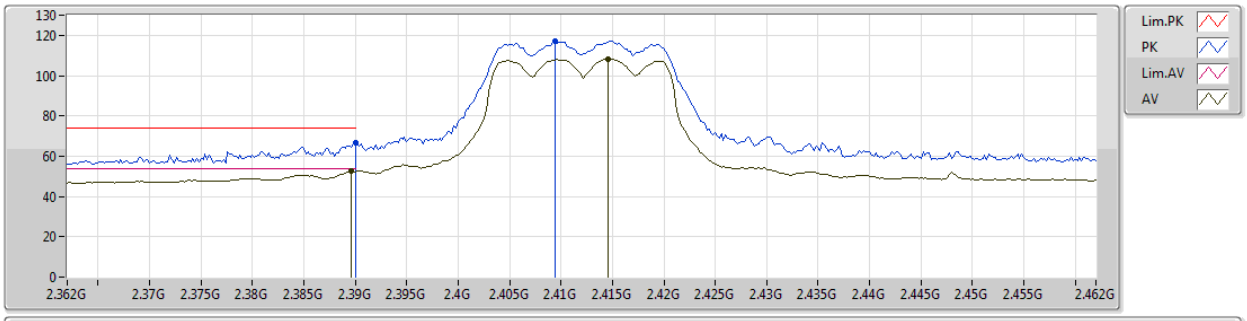


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3884G	51.65	54.00	-2.35	30.68	3	Vertical	0	1.19	-
AV	2.413G	105.69	Inf	-Inf	30.76	3	Vertical	0	1.19	-
PK	2.3884G	66.08	74.00	-7.92	30.68	3	Vertical	0	1.19	-
PK	2.4076G	114.83	Inf	-Inf	30.74	3	Vertical	0	1.19	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/01/2019

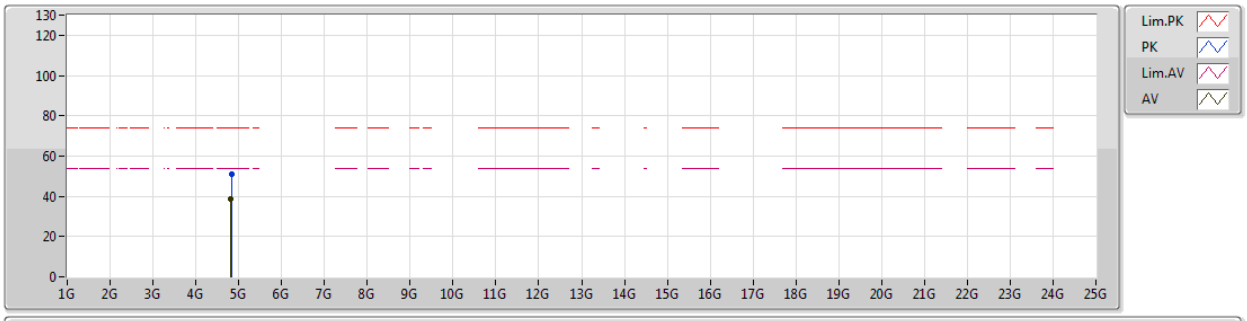


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	52.52	54.00	-1.48	30.69	3	Horizontal	346	1.76	-
AV	2.4146G	108.23	Inf	-Inf	30.77	3	Horizontal	346	1.76	-
PK	2.39G	66.62	74.00	-7.38	30.69	3	Horizontal	346	1.76	-
PK	2.4094G	117.05	Inf	-Inf	30.75	3	Horizontal	346	1.76	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/01/2019

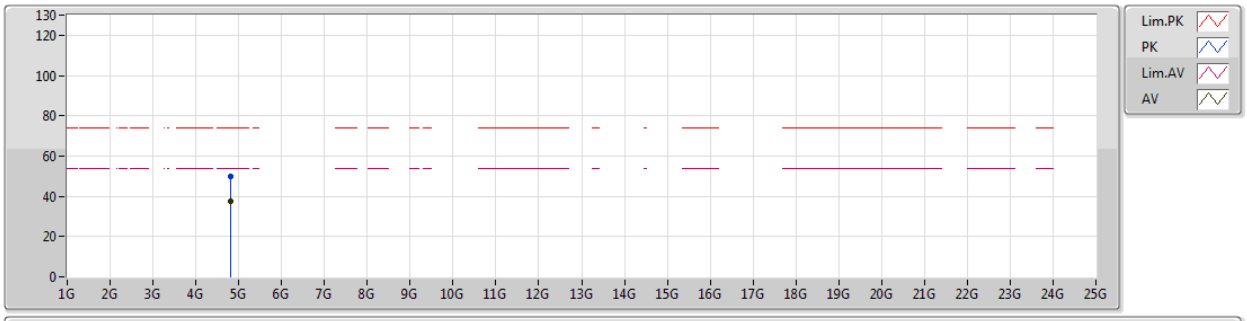


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82376G	38.70	54.00	-15.30	6.53	3	Vertical	330	1.86	-
PK	4.8252G	51.01	74.00	-22.99	6.54	3	Vertical	330	1.86	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

26/01/2019

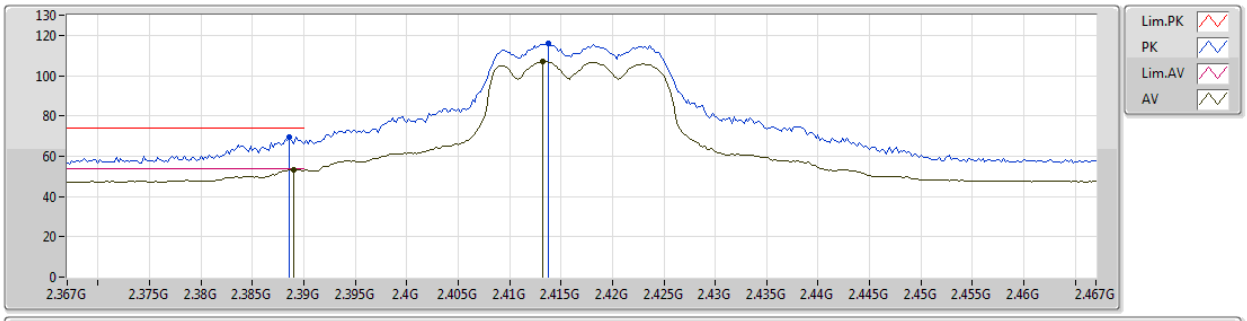


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82382G	37.81	54.00	-16.19	6.53	3	Horizontal	15	1.77	-
PK	4.82352G	49.97	74.00	-24.03	6.53	3	Horizontal	15	1.77	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

26/01/2019

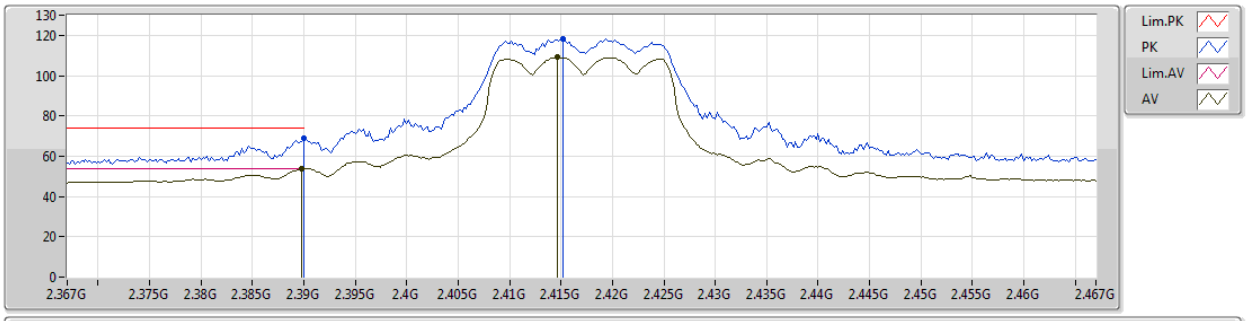


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	53.51	54.00	-0.49	30.68	3	Vertical	11	1.19	-
AV	2.4132G	106.82	Inf	-Inf	30.76	3	Vertical	11	1.19	-
PK	2.3886G	69.73	74.00	-4.27	30.68	3	Vertical	11	1.19	-
PK	2.4138G	115.93	Inf	-Inf	30.76	3	Vertical	11	1.19	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

26/01/2019

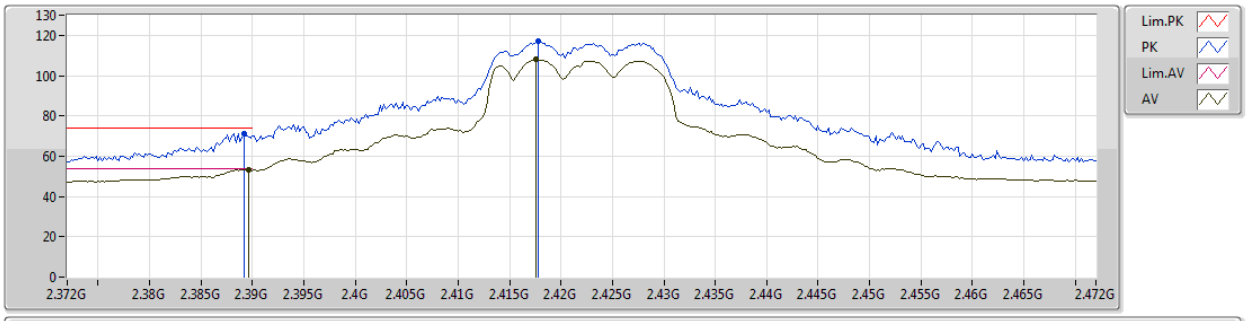


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.88	54.00	-0.12	30.69	3	Horizontal	350	1.78	-
AV	2.4146G	109.14	Inf	-Inf	30.77	3	Horizontal	350	1.78	-
PK	2.39G	68.89	74.00	-5.11	30.69	3	Horizontal	350	1.78	-
PK	2.4152G	118.25	Inf	-Inf	30.77	3	Horizontal	350	1.78	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

26/01/2019

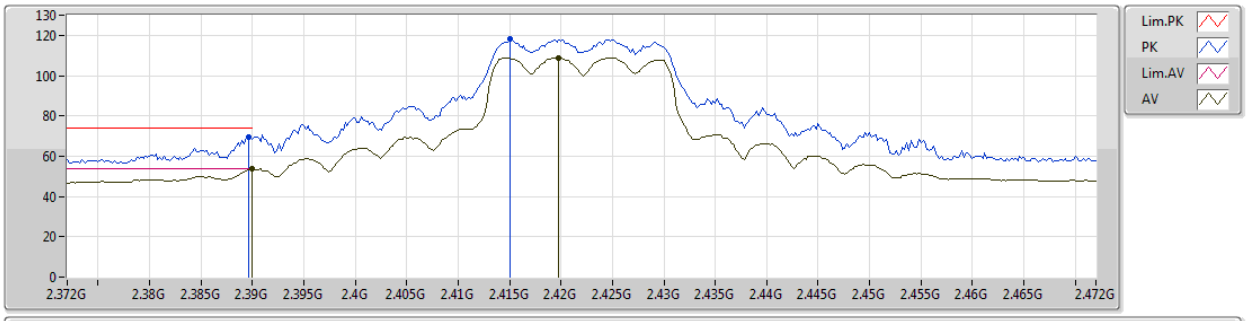


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	53.41	54.00	-0.59	30.69	3	Vertical	5	1.20	-
AV	2.4176G	107.94	Inf	-Inf	30.77	3	Vertical	5	1.20	-
PK	2.3892G	71.28	74.00	-2.72	30.68	3	Vertical	5	1.20	-
PK	2.4178G	117.05	Inf	-Inf	30.77	3	Vertical	5	1.20	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

26/01/2019

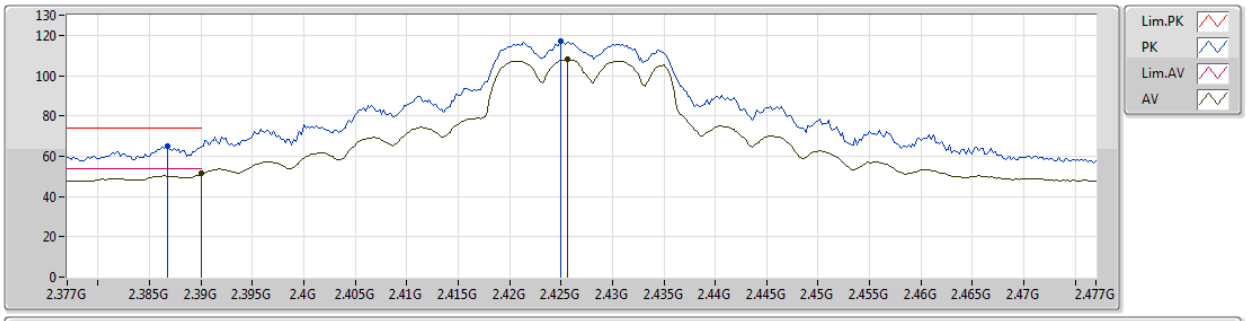


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.53	54.00	-0.47	30.69	3	Horizontal	349	1.78	-
AV	2.4198G	108.73	Inf	-Inf	30.78	3	Horizontal	349	1.78	-
PK	2.3896G	69.68	74.00	-4.32	30.69	3	Horizontal	349	1.78	-
PK	2.415G	118.03	Inf	-Inf	30.77	3	Horizontal	349	1.78	-

802.11g_Nss1,(6Mbps)_2TX

2427MHz_TX

26/01/2019

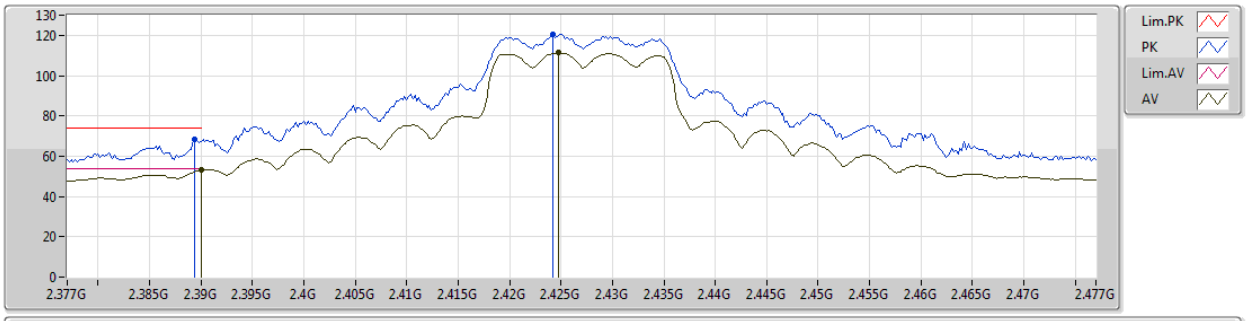


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	51.38	54.00	-2.62	30.69	3	Vertical	338	1.17	-
AV	2.4256G	107.92	Inf	-Inf	30.79	3	Vertical	338	1.17	-
PK	2.3868G	65.01	74.00	-8.99	30.68	3	Vertical	338	1.17	-
PK	2.425G	117.03	Inf	-Inf	30.79	3	Vertical	338	1.17	-

802.11g_Nss1,(6Mbps)_2TX

2427MHz_TX

26/01/2019

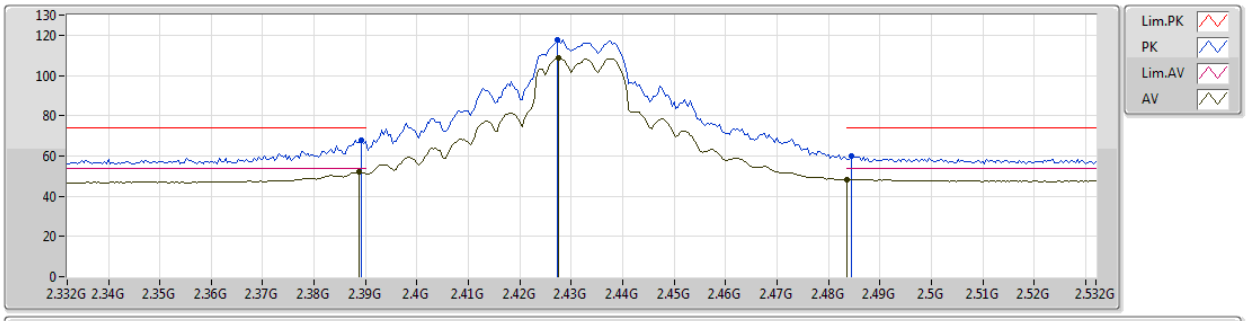


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.04	54.00	-0.96	30.69	3	Horizontal	350	1.81	-
AV	2.4248G	111.35	Inf	-Inf	30.79	3	Horizontal	350	1.81	-
PK	2.3894G	68.39	74.00	-5.61	30.68	3	Horizontal	350	1.81	-
PK	2.4242G	120.50	Inf	-Inf	30.79	3	Horizontal	350	1.81	-

802.11g_Nss1,(6Mbps)_2TX

2432MHz_TX

26/01/2019

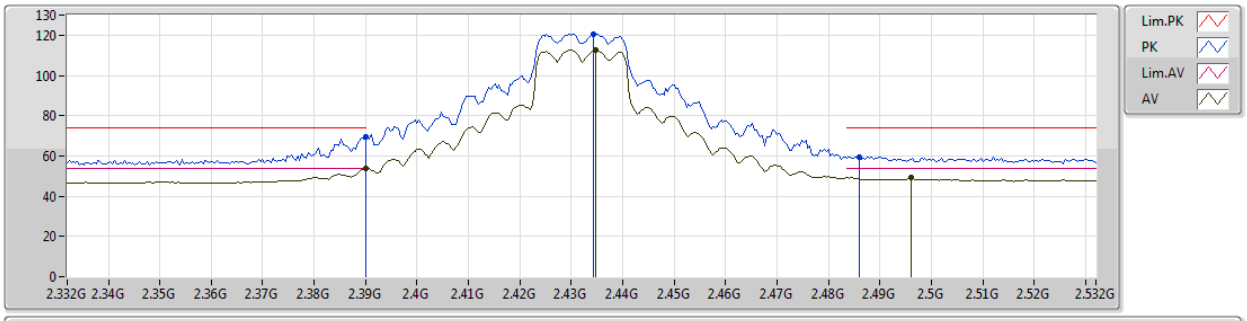


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	52.23	54.00	-1.77	30.68	3	Vertical	2	1.22	-
AV	2.4276G	108.49	Inf	-Inf	30.81	3	Vertical	2	1.22	-
AV	2.4835G	48.40	54.00	-5.60	30.97	3	Vertical	2	1.22	-
PK	2.3892G	67.93	74.00	-6.07	30.68	3	Vertical	2	1.22	-
PK	2.4272G	117.64	Inf	-Inf	30.80	3	Vertical	2	1.22	-
PK	2.4844G	59.78	74.00	-14.22	30.97	3	Vertical	2	1.22	-

802.11g_Nss1,(6Mbps)_2TX

2432MHz_TX

26/01/2019

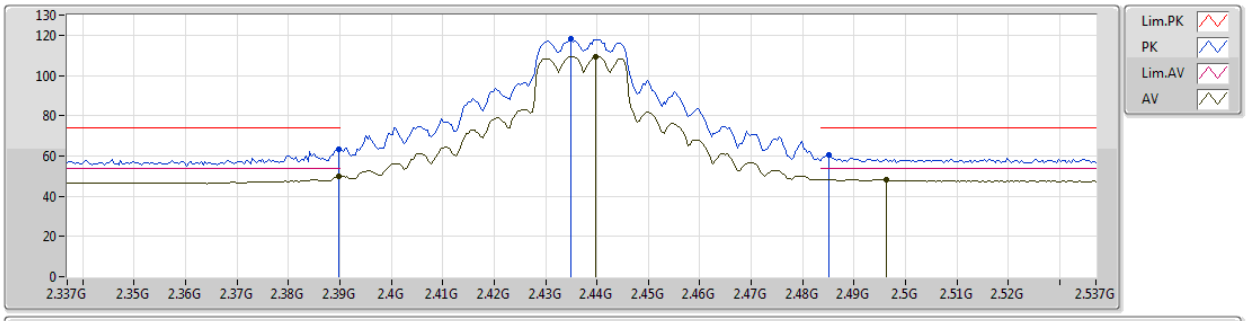


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.53	54.00	-0.47	30.69	3	Horizontal	349	1.33	-
AV	2.4348G	112.53	Inf	-Inf	30.82	3	Horizontal	349	1.33	-
AV	2.496G	49.36	54.00	-4.64	31.00	3	Horizontal	349	1.33	-
PK	2.39G	69.45	74.00	-4.55	30.69	3	Horizontal	349	1.33	-
PK	2.4344G	120.75	Inf	-Inf	30.82	3	Horizontal	349	1.33	-
PK	2.486G	59.47	74.00	-14.53	30.98	3	Horizontal	349	1.33	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/01/2019

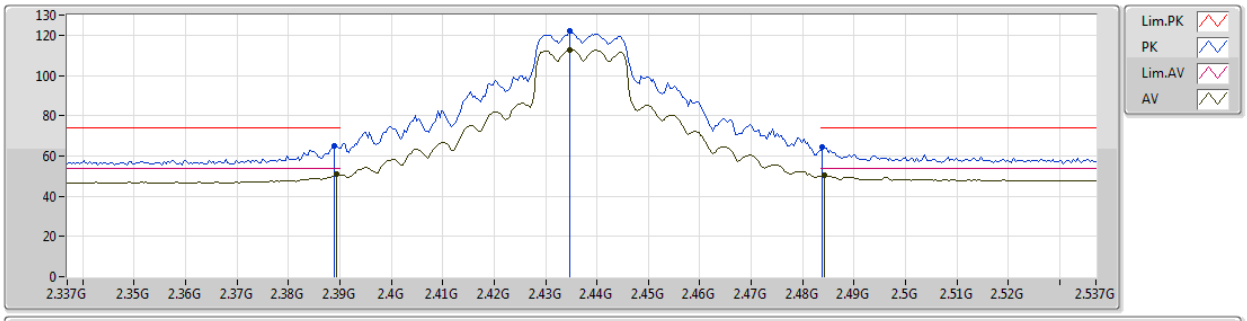


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	49.71	54.00	-4.29	30.69	3	Vertical	325	1.11	-
AV	2.4398G	109.52	Inf	-Inf	30.84	3	Vertical	325	1.11	-
AV	2.4962G	48.44	54.00	-5.56	31.00	3	Vertical	325	1.11	-
PK	2.3898G	63.34	74.00	-10.66	30.69	3	Vertical	325	1.11	-
PK	2.435G	118.19	Inf	-Inf	30.82	3	Vertical	325	1.11	-
PK	2.485G	60.44	74.00	-13.56	30.97	3	Vertical	325	1.11	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/01/2019

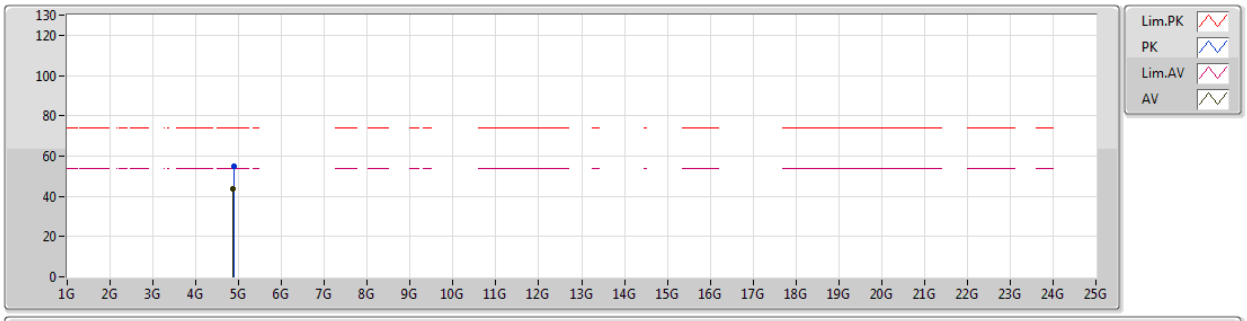


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	51.06	54.00	-2.94	30.68	3	Horizontal	348	1.71	-
AV	2.4346G	112.74	Inf	-Inf	30.82	3	Horizontal	348	1.71	-
AV	2.4842G	50.34	54.00	-3.66	30.97	3	Horizontal	348	1.71	-
PK	2.389G	64.98	74.00	-9.02	30.68	3	Horizontal	348	1.71	-
PK	2.4346G	122.13	Inf	-Inf	30.82	3	Horizontal	348	1.71	-
PK	2.4838G	64.50	74.00	-9.50	30.97	3	Horizontal	348	1.71	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/01/2019

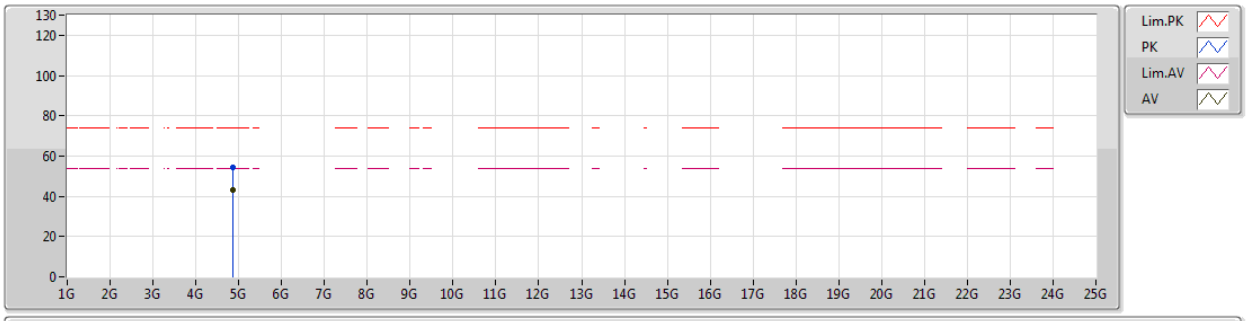


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87304G	43.88	54.00	-10.12	6.65	3	Vertical	327	1.79	-
PK	4.87904G	55.01	74.00	-18.99	6.67	3	Vertical	327	1.79	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

26/01/2019

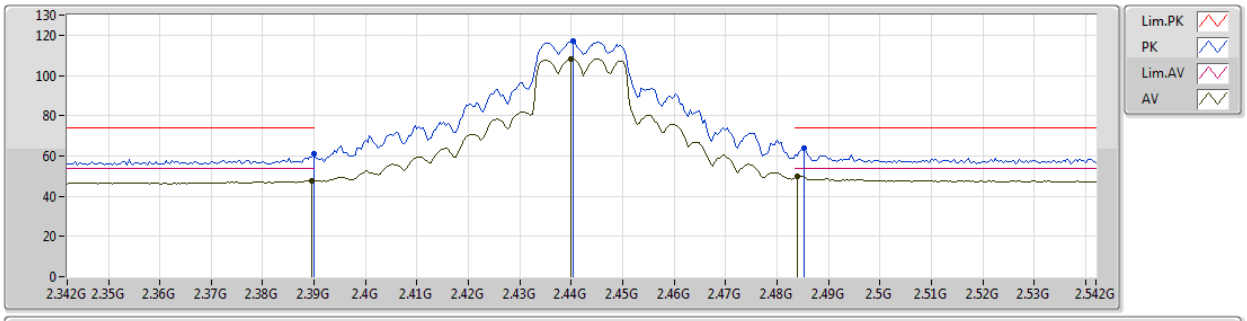


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87352G	43.16	54.00	-10.84	6.65	3	Horizontal	16	1.50	-
PK	4.86866G	54.54	74.00	-19.46	6.65	3	Horizontal	16	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2442MHz_TX

26/01/2019

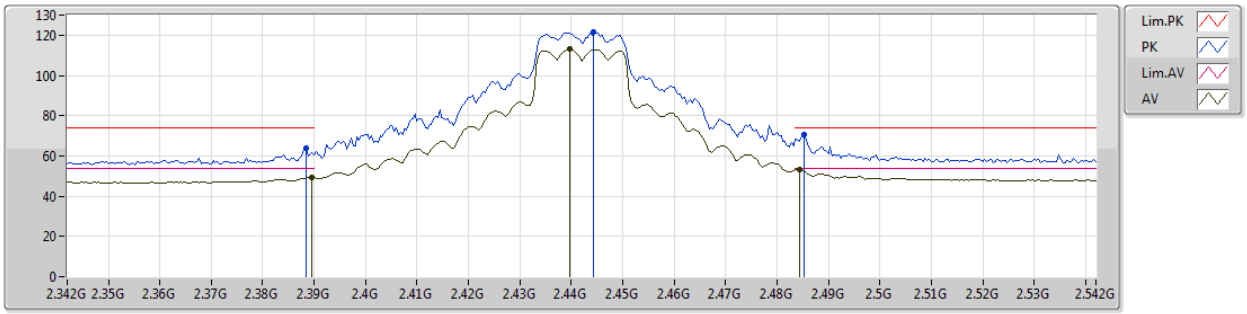


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	47.86	54.00	-6.14	30.69	3	Vertical	327	1.10	-
AV	2.44G	108.36	Inf	-Inf	30.84	3	Vertical	327	1.10	-
AV	2.484G	49.74	54.00	-4.26	30.97	3	Vertical	327	1.10	-
PK	2.39G	61.14	74.00	-12.86	30.69	3	Vertical	327	1.10	-
PK	2.4404G	117.20	Inf	-Inf	30.84	3	Vertical	327	1.10	-
PK	2.4852G	63.94	74.00	-10.06	30.97	3	Vertical	327	1.10	-

802.11g_Nss1,(6Mbps)_2TX

2442MHz_TX

26/01/2019

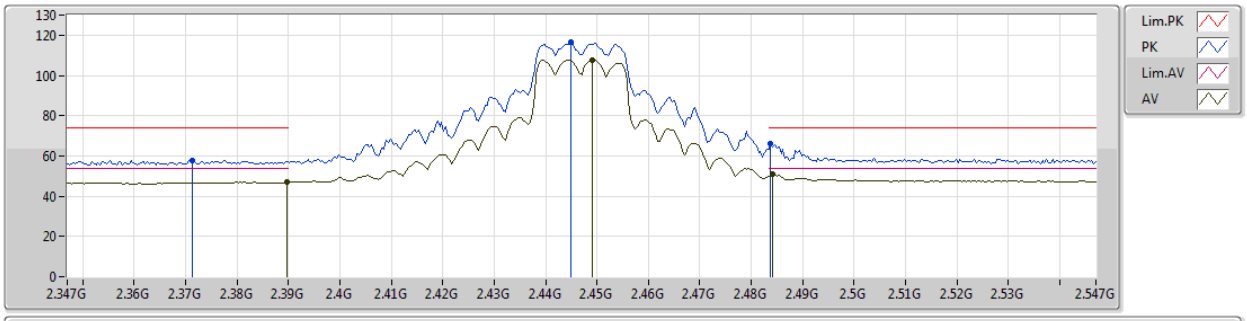


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	49.33	54.00	-4.67	30.69	3	Horizontal	348	1.56	-
AV	2.4396G	112.98	Inf	-Inf	30.84	3	Horizontal	348	1.56	-
AV	2.4844G	53.27	54.00	-0.73	30.97	3	Horizontal	348	1.56	-
PK	2.3884G	64.01	74.00	-9.99	30.68	3	Horizontal	348	1.56	-
PK	2.4444G	121.76	Inf	-Inf	30.85	3	Horizontal	348	1.56	-
PK	2.4852G	70.35	74.00	-3.65	30.97	3	Horizontal	348	1.56	-

802.11g_Nss1,(6Mbps)_2TX

2447MHz_TX

26/01/2019

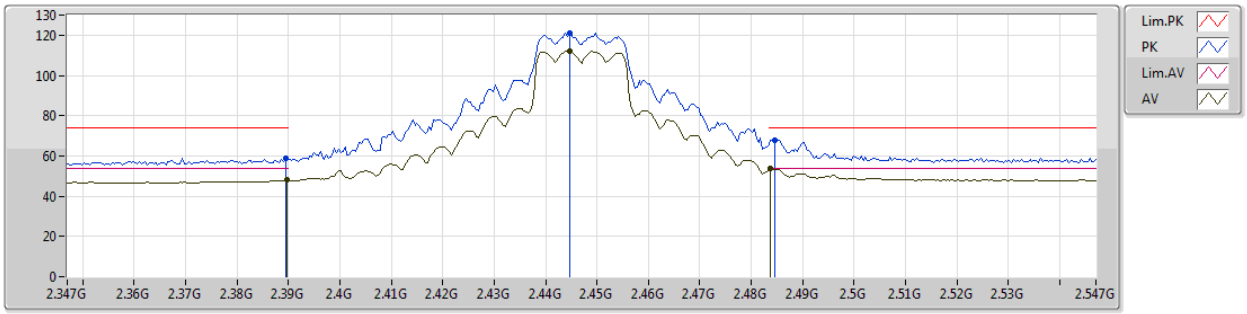


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	46.89	54.00	-7.11	30.69	3	Vertical	324	1.12	-
AV	2.449G	107.81	Inf	-Inf	30.87	3	Vertical	324	1.12	-
AV	2.4842G	51.26	54.00	-2.74	30.97	3	Vertical	324	1.12	-
PK	2.3714G	57.59	74.00	-16.41	30.63	3	Vertical	324	1.12	-
PK	2.445G	116.33	Inf	-Inf	30.85	3	Vertical	324	1.12	-
PK	2.4838G	66.25	74.00	-7.75	30.97	3	Vertical	324	1.12	-

802.11g_Nss1,(6Mbps)_2TX

2447MHz_TX

26/01/2019

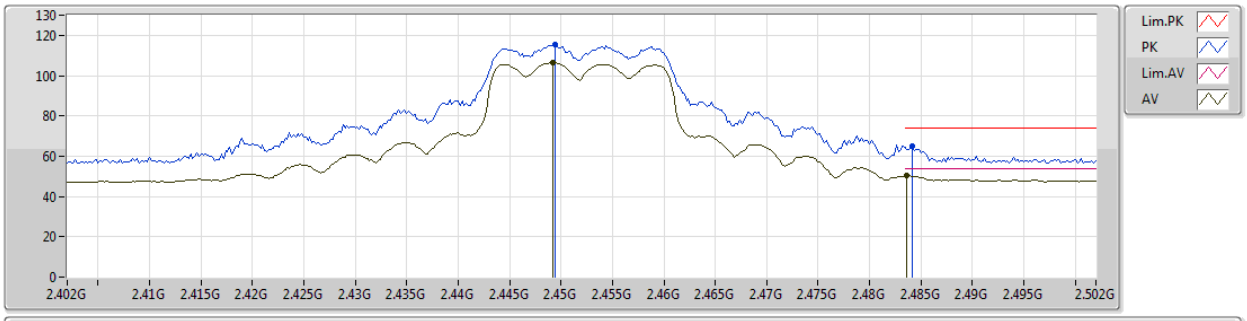


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.09	54.00	-5.91	30.69	3	Horizontal	352	1.55	-
AV	2.4446G	112.10	Inf	-Inf	30.85	3	Horizontal	352	1.55	-
AV	2.4838G	53.67	54.00	-0.33	30.97	3	Horizontal	352	1.55	-
PK	2.3894G	59.05	74.00	-14.95	30.68	3	Horizontal	352	1.55	-
PK	2.4446G	121.08	Inf	-Inf	30.85	3	Horizontal	352	1.55	-
PK	2.4846G	68.05	74.00	-5.95	30.97	3	Horizontal	352	1.55	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

26/01/2019

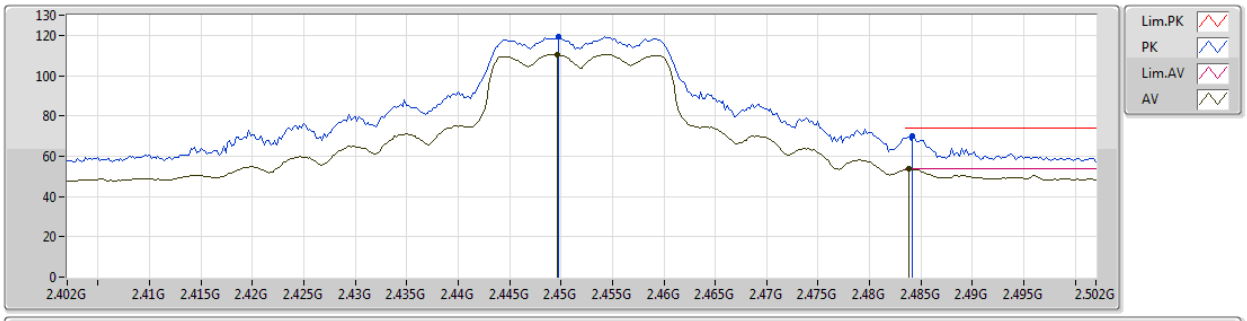


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4492G	106.36	Inf	-Inf	30.87	3	Vertical	321	1.10	-
AV	2.4836G	50.34	54.00	-3.66	30.97	3	Vertical	321	1.10	-
PK	2.4494G	115.42	Inf	-Inf	30.87	3	Vertical	321	1.10	-
PK	2.4842G	64.95	74.00	-9.05	30.97	3	Vertical	321	1.10	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

26/01/2019

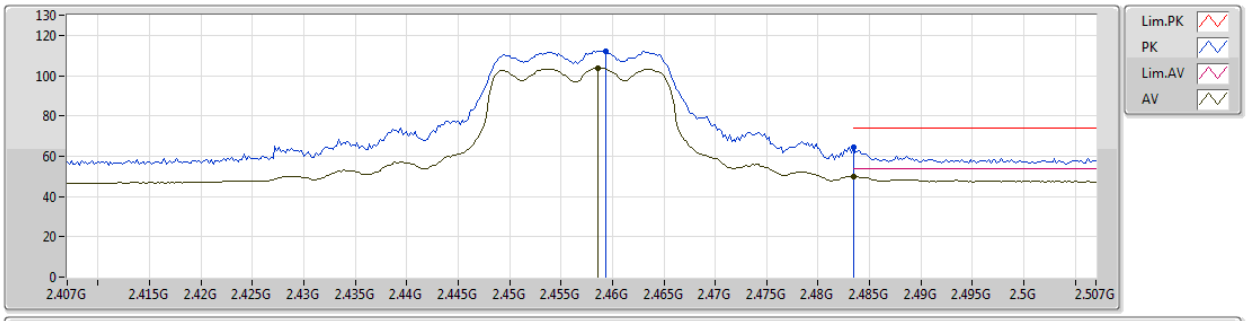


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4496G	110.53	Inf	-Inf	30.87	3	Horizontal	350	1.49	-
AV	2.4838G	53.80	54.00	-0.20	30.97	3	Horizontal	350	1.49	-
PK	2.4498G	119.31	Inf	-Inf	30.87	3	Horizontal	350	1.49	-
PK	2.4842G	69.96	74.00	-4.04	30.97	3	Horizontal	350	1.49	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

26/01/2019

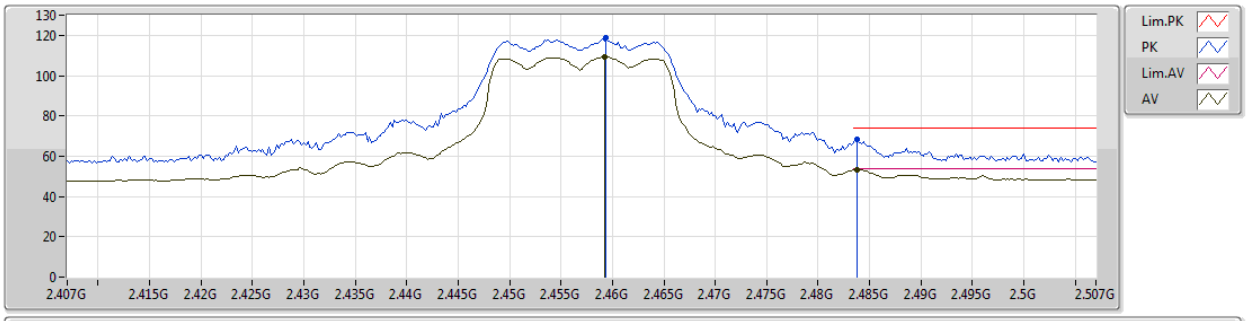


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4586G	103.68	Inf	-Inf	30.89	3	Vertical	311	1.06	-
AV	2.4835G	49.74	54.00	-4.26	30.97	3	Vertical	311	1.06	-
PK	2.4594G	112.33	Inf	-Inf	30.89	3	Vertical	311	1.06	-
PK	2.4835G	64.57	74.00	-9.43	30.97	3	Vertical	311	1.06	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

26/01/2019

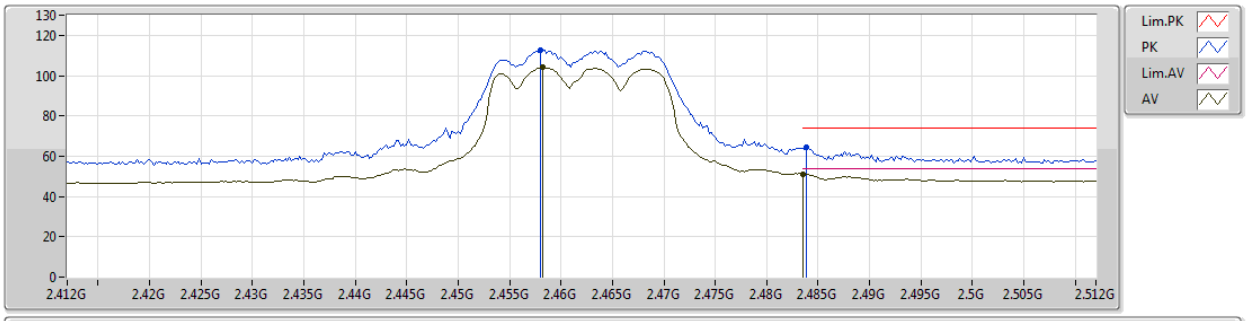


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4592G	109.15	Inf	-Inf	30.89	3	Horizontal	349	1.49	-
AV	2.4838G	53.40	54.00	-0.60	30.97	3	Horizontal	349	1.49	-
PK	2.4594G	118.95	Inf	-Inf	30.89	3	Horizontal	349	1.49	-
PK	2.4838G	68.56	74.00	-5.44	30.97	3	Horizontal	349	1.49	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/01/2019

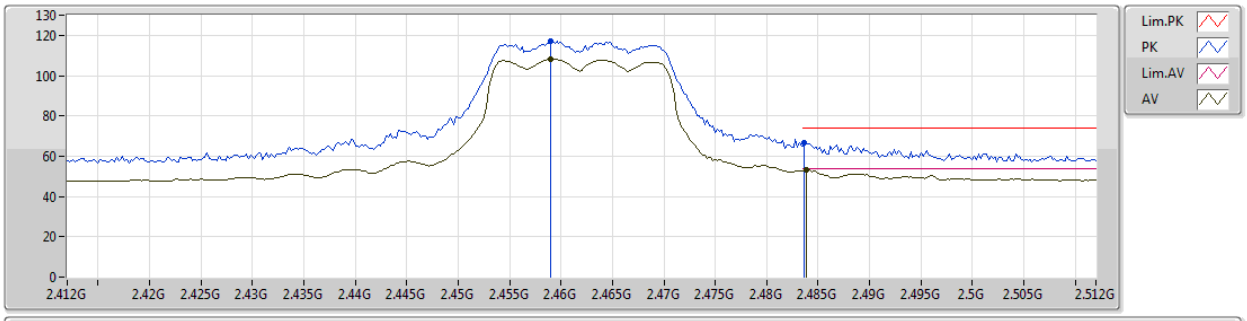


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4582G	103.95	Inf	-Inf	30.89	3	Vertical	356	3.01	-
AV	2.4835G	51.26	54.00	-2.74	30.97	3	Vertical	356	3.01	-
PK	2.458G	112.42	Inf	-Inf	30.89	3	Vertical	356	3.01	-
PK	2.4838G	64.64	74.00	-9.36	30.97	3	Vertical	356	3.01	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/01/2019

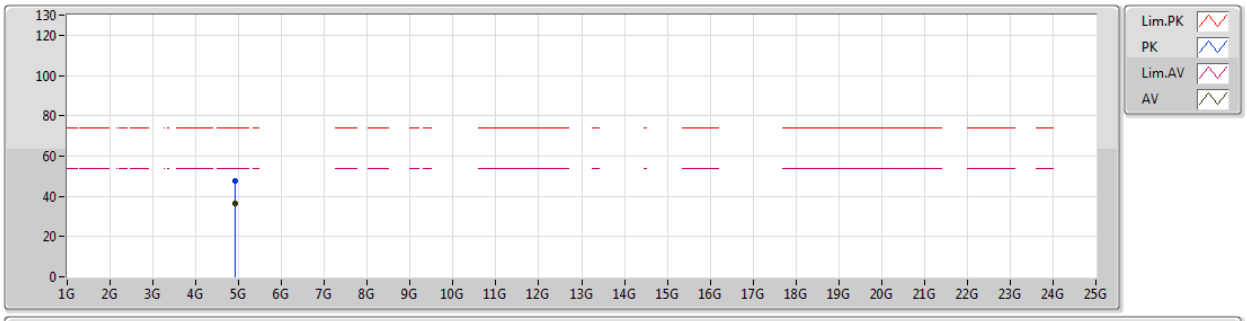


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.459G	108.15	Inf	-Inf	30.89	3	Horizontal	344	1.49	-
AV	2.4838G	53.13	54.00	-0.87	30.97	3	Horizontal	344	1.49	-
PK	2.459G	117.16	Inf	-Inf	30.89	3	Horizontal	344	1.49	-
PK	2.4836G	66.93	74.00	-7.07	30.97	3	Horizontal	344	1.49	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/01/2019

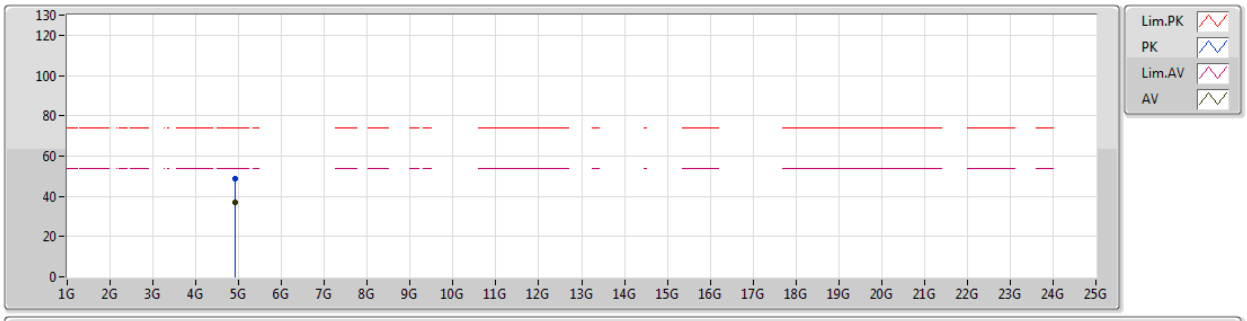


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92382G	36.38	54.00	-17.62	6.77	3	Vertical	343	1.70	-
PK	4.9177G	47.49	74.00	-26.51	6.75	3	Vertical	343	1.70	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

26/01/2019

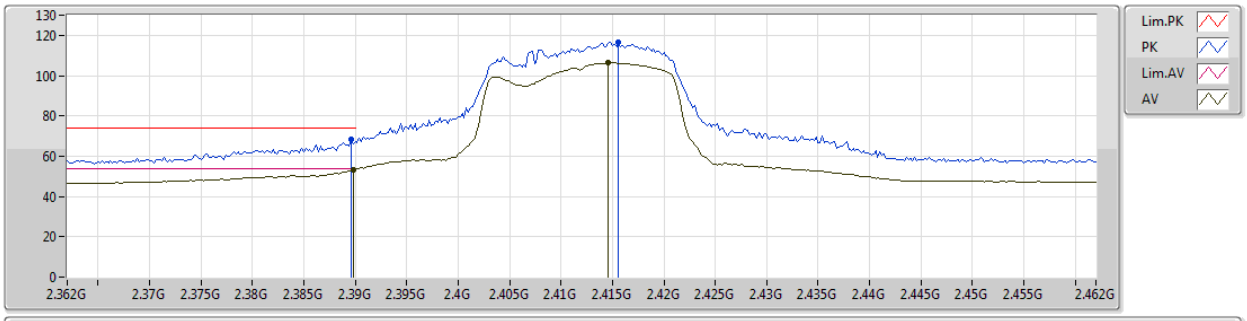


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92376G	37.25	54.00	-16.75	6.77	3	Horizontal	25	1.50	-
PK	4.92382G	48.68	74.00	-25.32	6.77	3	Horizontal	25	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/01/2019

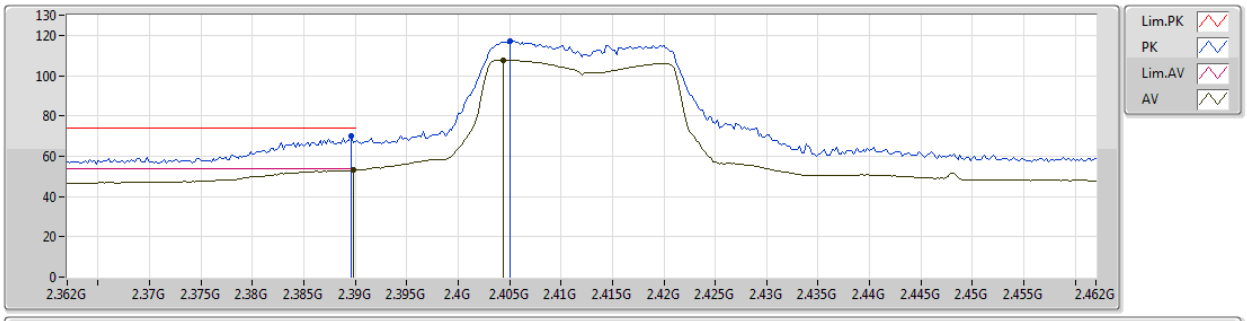


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.41	54.00	-0.59	30.69	3	Vertical	0	1.17	-
AV	2.4146G	106.30	Inf	-Inf	30.77	3	Vertical	0	1.17	-
PK	2.3896G	68.24	74.00	-5.76	30.69	3	Vertical	0	1.17	-
PK	2.4156G	116.35	Inf	-Inf	30.77	3	Vertical	0	1.17	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/01/2019

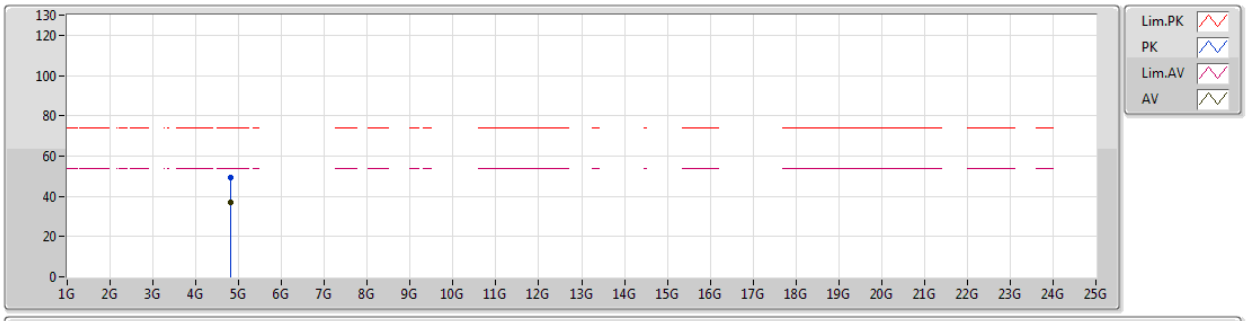


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.04	54.00	-0.96	30.69	3	Horizontal	350	1.31	-
AV	2.4044G	107.73	Inf	-Inf	30.73	3	Horizontal	350	1.31	-
PK	2.3896G	70.07	74.00	-3.93	30.69	3	Horizontal	350	1.31	-
PK	2.405G	117.34	Inf	-Inf	30.73	3	Horizontal	350	1.31	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/01/2019

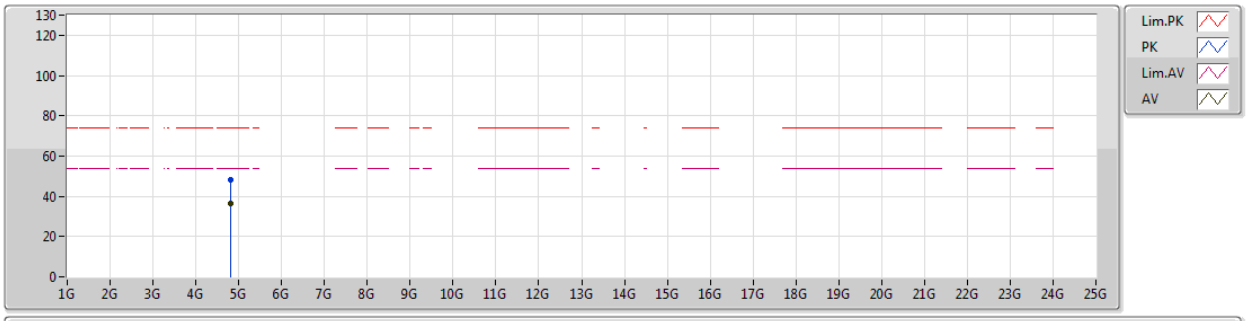


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8237G	36.96	54.00	-17.04	6.53	3	Vertical	340	1.68	-
PK	4.82316G	49.33	74.00	-24.67	6.53	3	Vertical	340	1.68	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

26/01/2019

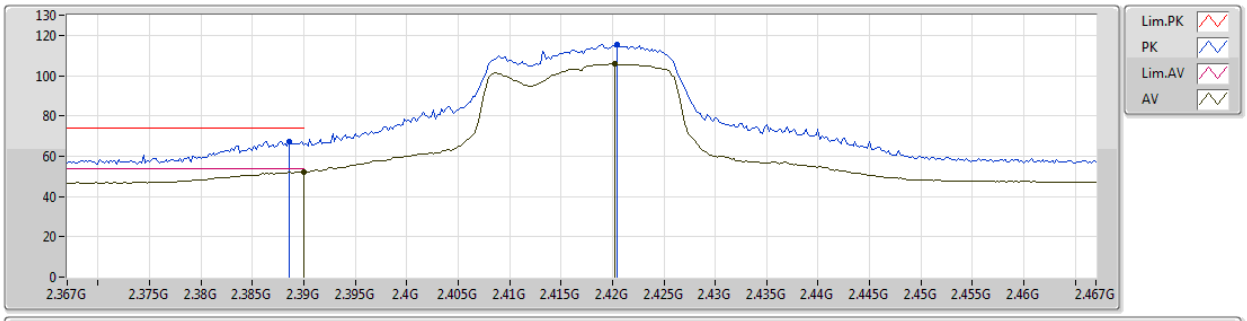


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82412G	36.26	54.00	-17.74	6.53	3	Horizontal	26	1.50	-
PK	4.82406G	48.44	74.00	-25.56	6.53	3	Horizontal	26	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2417MHz_TX

26/01/2019

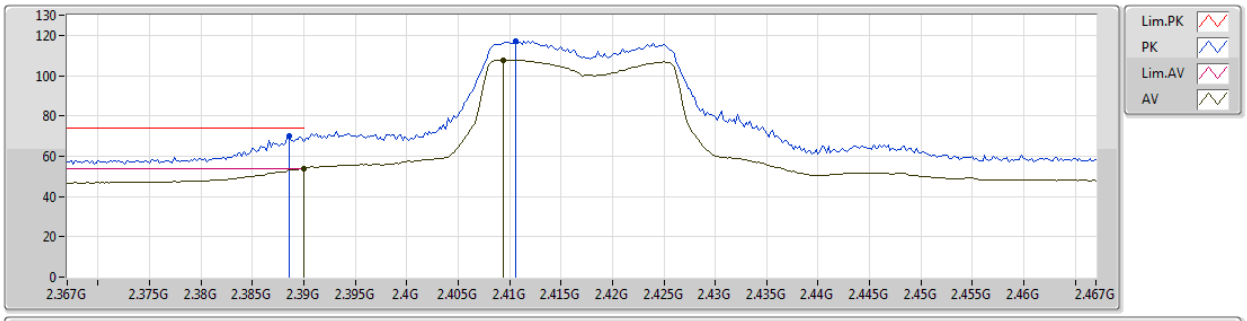


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.11	54.00	-1.89	30.69	3	Vertical	7	1.19	-
AV	2.4202G	105.69	Inf	-Inf	30.78	3	Vertical	7	1.19	-
PK	2.3886G	67.43	74.00	-6.57	30.68	3	Vertical	7	1.19	-
PK	2.4204G	115.33	Inf	-Inf	30.78	3	Vertical	7	1.19	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2417MHz_TX

26/01/2019

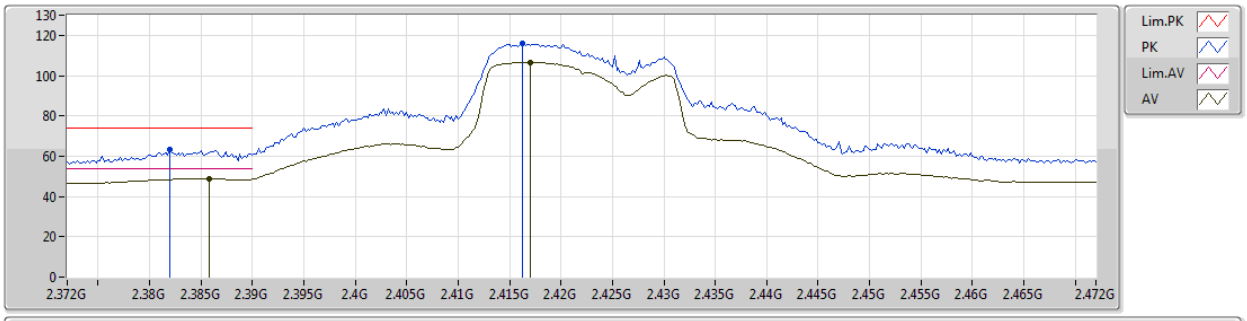


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.88	54.00	-0.12	30.69	3	Horizontal	353	1.50	-
AV	2.4094G	107.85	Inf	-Inf	30.75	3	Horizontal	353	1.50	-
PK	2.3886G	69.87	74.00	-4.13	30.68	3	Horizontal	353	1.50	-
PK	2.4106G	117.16	Inf	-Inf	30.76	3	Horizontal	353	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

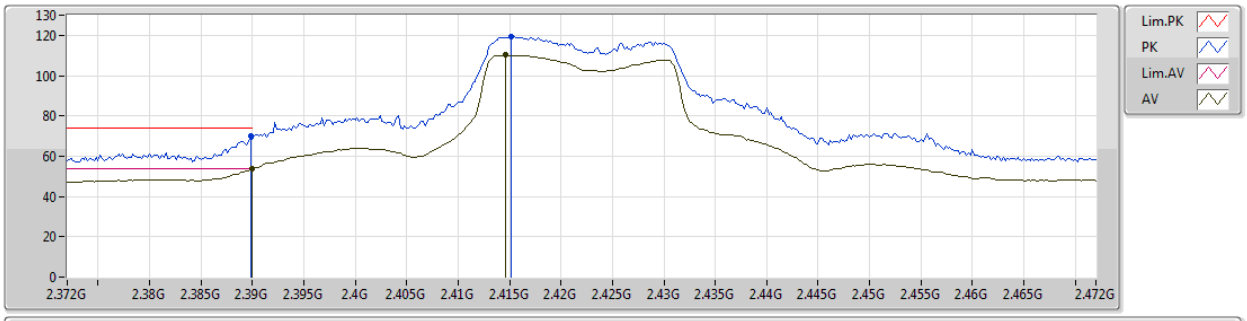


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3858G	48.88	54.00	-5.12	30.68	3	Vertical	334	1.01	-
AV	2.417G	106.69	Inf	-Inf	30.77	3	Vertical	334	1.01	-
PK	2.382G	63.33	74.00	-10.67	30.67	3	Vertical	334	1.01	-
PK	2.4162G	115.87	Inf	-Inf	30.77	3	Vertical	334	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

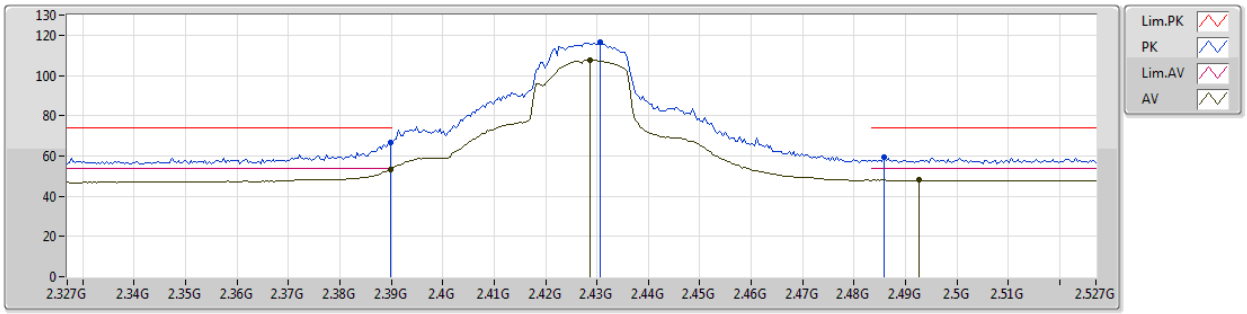


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.76	54.00	-0.24	30.69	3	Horizontal	354	1.78	-
AV	2.4146G	110.15	Inf	-Inf	30.77	3	Horizontal	354	1.78	-
PK	2.3898G	70.09	74.00	-3.91	30.69	3	Horizontal	354	1.78	-
PK	2.4152G	119.52	Inf	-Inf	30.77	3	Horizontal	354	1.78	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2427MHz_TX

26/01/2019

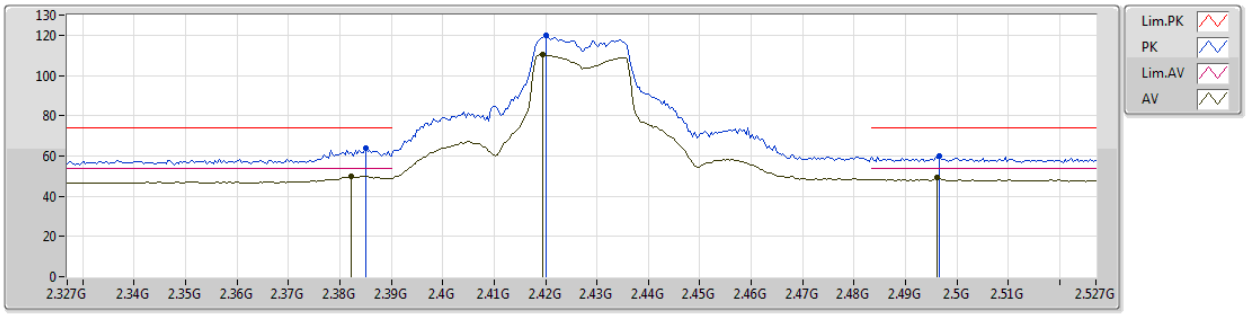


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.41	54.00	-0.59	30.69	3	Vertical	0	1.17	-
AV	2.4286G	107.56	Inf	-Inf	30.81	3	Vertical	0	1.17	-
AV	2.4926G	47.93	54.00	-6.07	30.99	3	Vertical	0	1.17	-
PK	2.3898G	66.77	74.00	-7.23	30.69	3	Vertical	0	1.17	-
PK	2.4306G	116.42	Inf	-Inf	30.81	3	Vertical	0	1.17	-
PK	2.4858G	59.15	74.00	-14.85	30.98	3	Vertical	0	1.17	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2427MHz_TX

26/01/2019

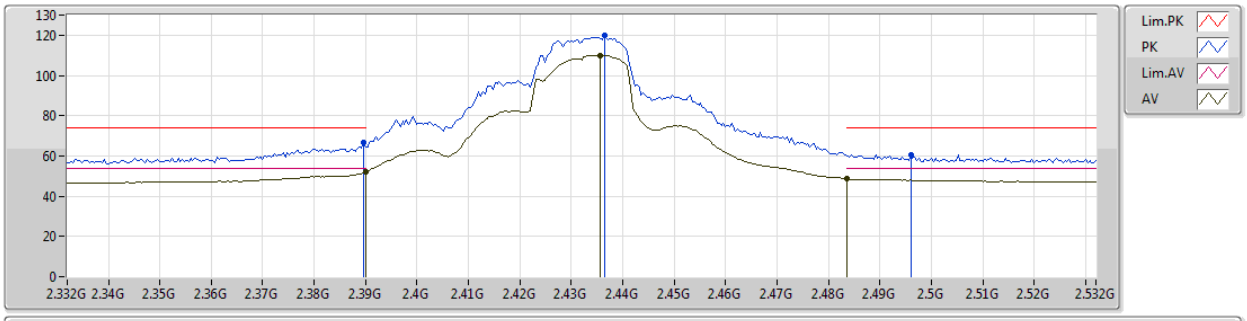


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3822G	49.81	54.00	-4.19	30.67	3	Horizontal	352	1.35	-
AV	2.4194G	110.26	Inf	-Inf	30.78	3	Horizontal	352	1.35	-
AV	2.4962G	49.57	54.00	-4.43	31.00	3	Horizontal	352	1.35	-
PK	2.385G	63.69	74.00	-10.31	30.67	3	Horizontal	352	1.35	-
PK	2.4202G	119.92	Inf	-Inf	30.78	3	Horizontal	352	1.35	-
PK	2.4966G	60.18	74.00	-13.82	31.00	3	Horizontal	352	1.35	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2432MHz_TX

26/01/2019

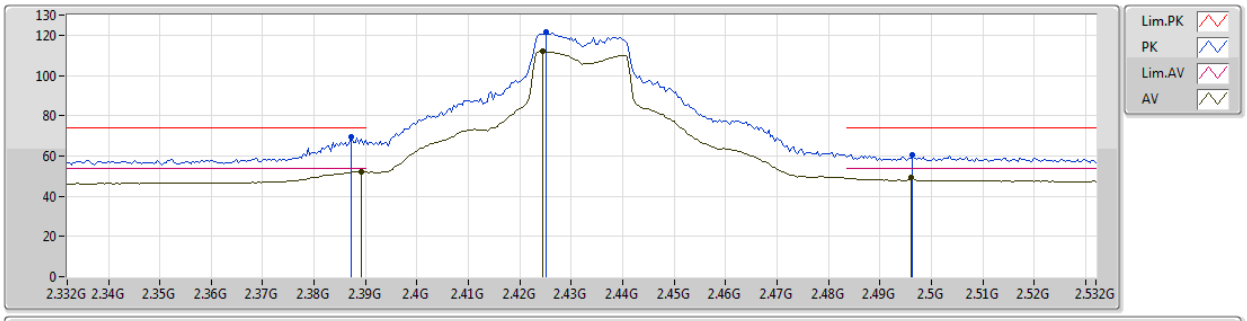


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.25	54.00	-1.75	30.69	3	Vertical	3	1.18	-
AV	2.4356G	110.00	Inf	-Inf	30.83	3	Vertical	3	1.18	-
AV	2.4835G	48.64	54.00	-5.36	30.97	3	Vertical	3	1.18	-
PK	2.3896G	66.89	74.00	-7.11	30.69	3	Vertical	3	1.18	-
PK	2.4364G	119.67	Inf	-Inf	30.83	3	Vertical	3	1.18	-
PK	2.496G	60.70	74.00	-13.30	31.00	3	Vertical	3	1.18	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2432MHz_TX

26/01/2019

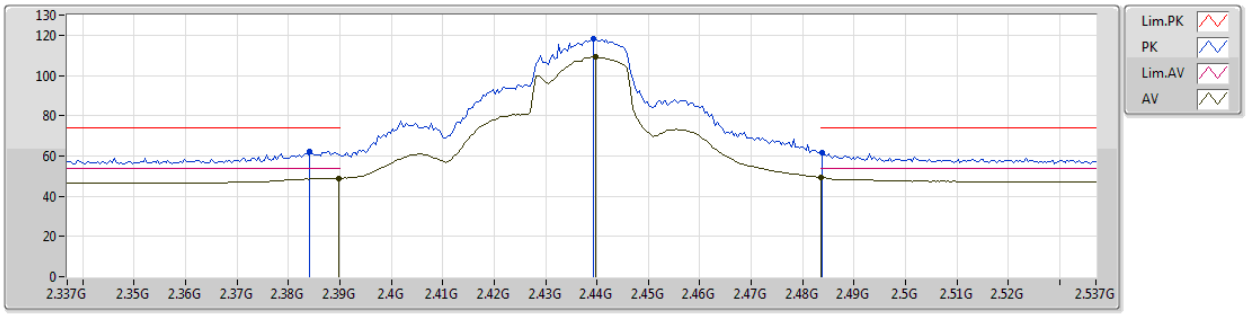


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3892G	52.09	54.00	-1.91	30.68	3	Horizontal	352	1.79	-
AV	2.4244G	112.00	Inf	-Inf	30.79	3	Horizontal	352	1.79	-
AV	2.496G	49.13	54.00	-4.87	31.00	3	Horizontal	352	1.79	-
PK	2.3872G	69.28	74.00	-4.72	30.68	3	Horizontal	352	1.79	-
PK	2.4252G	121.39	Inf	-Inf	30.79	3	Horizontal	352	1.79	-
PK	2.4964G	60.35	74.00	-13.65	31.00	3	Horizontal	352	1.79	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

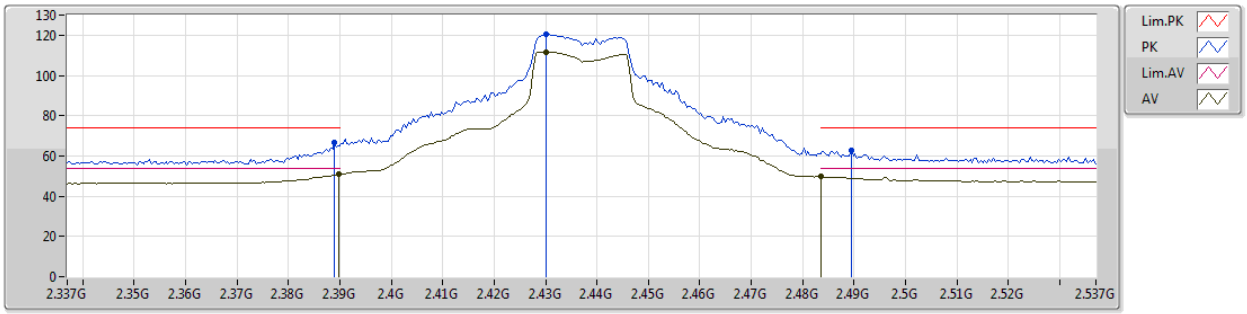


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.93	54.00	-5.07	30.69	3	Vertical	0	1.07	-
AV	2.4398G	109.06	Inf	-Inf	30.84	3	Vertical	0	1.07	-
AV	2.4835G	49.32	54.00	-4.68	30.97	3	Vertical	0	1.07	-
PK	2.3842G	62.04	74.00	-11.96	30.67	3	Vertical	0	1.07	-
PK	2.4394G	118.30	Inf	-Inf	30.83	3	Vertical	0	1.07	-
PK	2.4838G	61.81	74.00	-12.19	30.97	3	Vertical	0	1.07	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

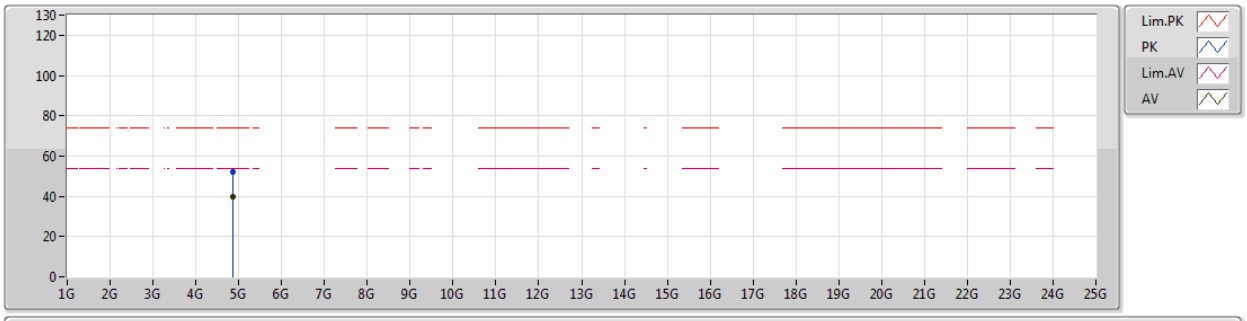


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.75	54.00	-3.25	30.69	3	Horizontal	349	1.31	-
AV	2.4302G	111.68	Inf	-Inf	30.81	3	Horizontal	349	1.31	-
AV	2.4835G	49.74	54.00	-4.26	30.97	3	Horizontal	349	1.31	-
PK	2.389G	66.70	74.00	-7.30	30.68	3	Horizontal	349	1.31	-
PK	2.4302G	120.72	Inf	-Inf	30.81	3	Horizontal	349	1.31	-
PK	2.4894G	62.49	74.00	-11.51	30.98	3	Horizontal	349	1.31	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

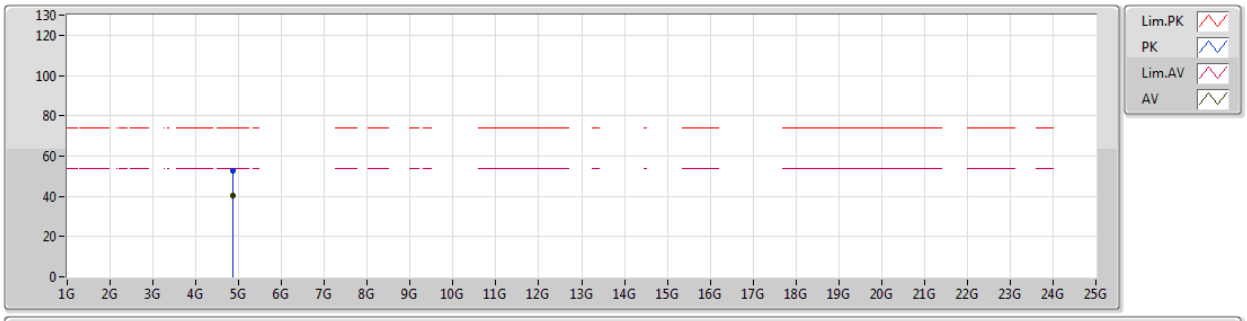


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87352G	39.67	54.00	-14.33	6.65	3	Vertical	340	1.50	-
PK	4.87352G	51.87	74.00	-22.13	6.65	3	Vertical	340	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

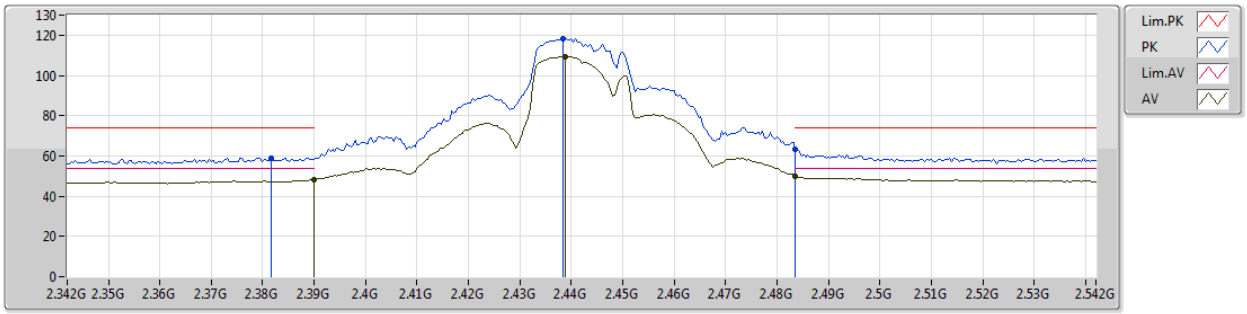


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87406G	40.59	54.00	-13.41	6.65	3	Horizontal	24	1.50	-
PK	4.87298G	52.84	74.00	-21.16	6.65	3	Horizontal	24	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2442MHz_TX

26/01/2019

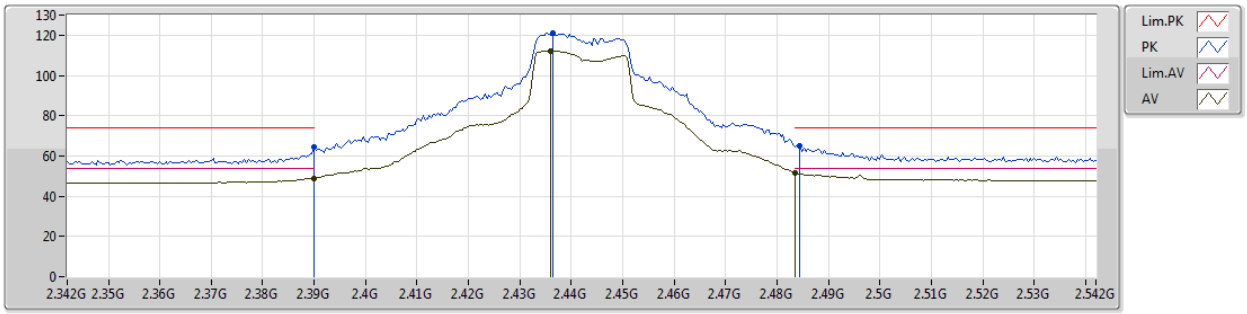


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	48.09	54.00	-5.91	30.69	3	Vertical	342	1.08	-
AV	2.4388G	109.51	Inf	-Inf	30.83	3	Vertical	342	1.08	-
AV	2.4835G	50.15	54.00	-3.85	30.97	3	Vertical	342	1.08	-
PK	2.3816G	59.11	74.00	-14.89	30.67	3	Vertical	342	1.08	-
PK	2.4384G	118.30	Inf	-Inf	30.83	3	Vertical	342	1.08	-
PK	2.4835G	63.18	74.00	-10.82	30.97	3	Vertical	342	1.08	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2442MHz_TX

26/01/2019

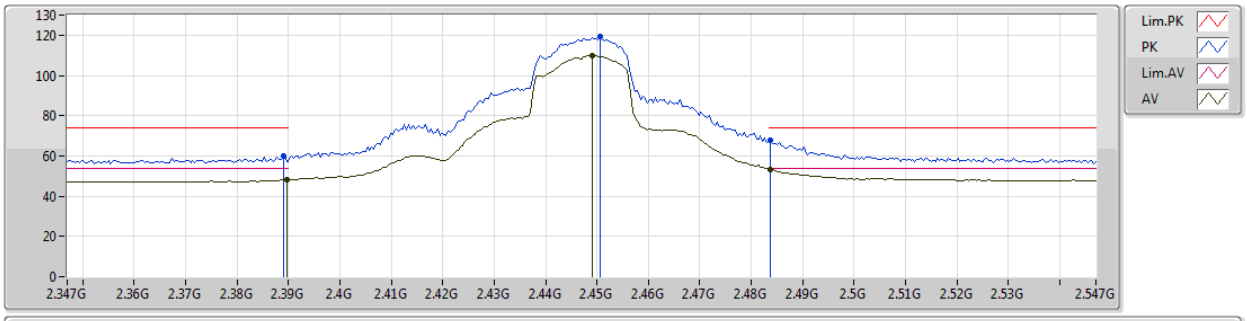


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	48.94	54.00	-5.06	30.69	3	Horizontal	359	1.73	-
AV	2.436G	112.19	Inf	-Inf	30.83	3	Horizontal	359	1.73	-
AV	2.4835G	51.60	54.00	-2.40	30.97	3	Horizontal	359	1.73	-
PK	2.39G	64.24	74.00	-9.76	30.69	3	Horizontal	359	1.73	-
PK	2.4364G	120.99	Inf	-Inf	30.83	3	Horizontal	359	1.73	-
PK	2.4844G	64.81	74.00	-9.19	30.97	3	Horizontal	359	1.73	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2447MHz_TX

26/01/2019

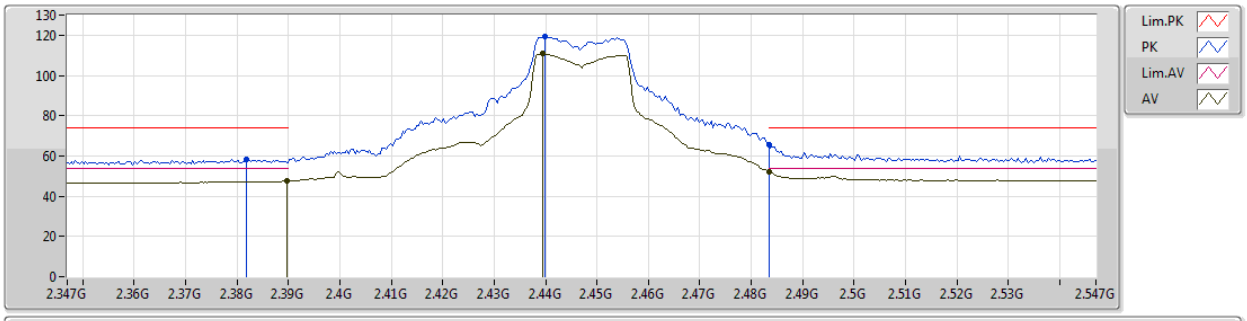


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.31	54.00	-5.69	30.69	3	Vertical	9	1.07	-
AV	2.449G	109.75	Inf	-Inf	30.87	3	Vertical	9	1.07	-
AV	2.4838G	53.40	54.00	-0.60	30.97	3	Vertical	9	1.07	-
PK	2.389G	60.22	74.00	-13.78	30.68	3	Vertical	9	1.07	-
PK	2.4506G	119.13	Inf	-Inf	30.87	3	Vertical	9	1.07	-
PK	2.4838G	67.76	74.00	-6.24	30.97	3	Vertical	9	1.07	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2447MHz_TX

26/01/2019

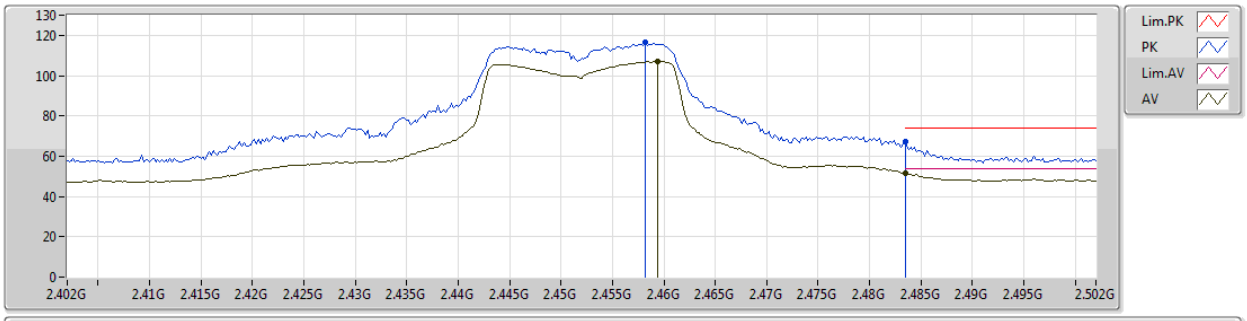


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	47.39	54.00	-6.61	30.69	3	Horizontal	354	1.55	-
AV	2.4394G	110.67	Inf	-Inf	30.83	3	Horizontal	354	1.55	-
AV	2.4835G	51.93	54.00	-2.07	30.97	3	Horizontal	354	1.55	-
PK	2.3818G	58.18	74.00	-15.82	30.67	3	Horizontal	354	1.55	-
PK	2.4398G	119.28	Inf	-Inf	30.84	3	Horizontal	354	1.55	-
PK	2.4835G	65.83	74.00	-8.17	30.97	3	Horizontal	354	1.55	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019

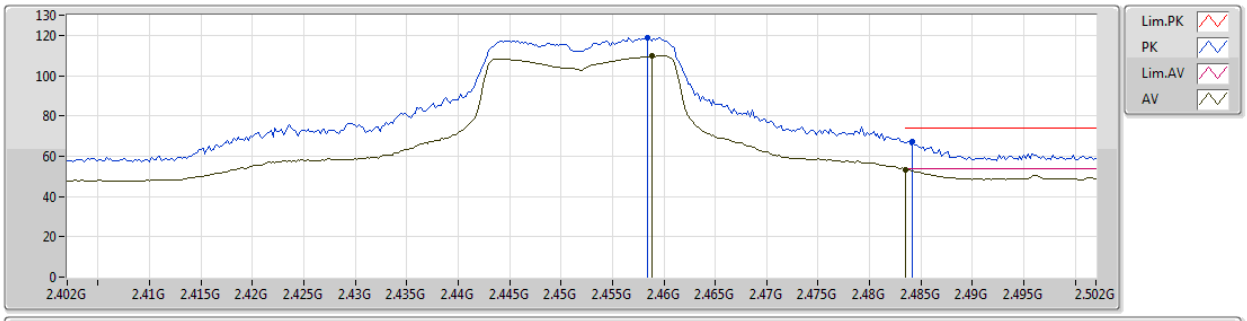


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4594G	106.95	Inf	-Inf	30.89	3	Vertical	322	1.06	-
AV	2.4835G	51.76	54.00	-2.24	30.97	3	Vertical	322	1.06	-
PK	2.4582G	116.40	Inf	-Inf	30.89	3	Vertical	322	1.06	-
PK	2.4835G	67.12	74.00	-6.88	30.97	3	Vertical	322	1.06	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019

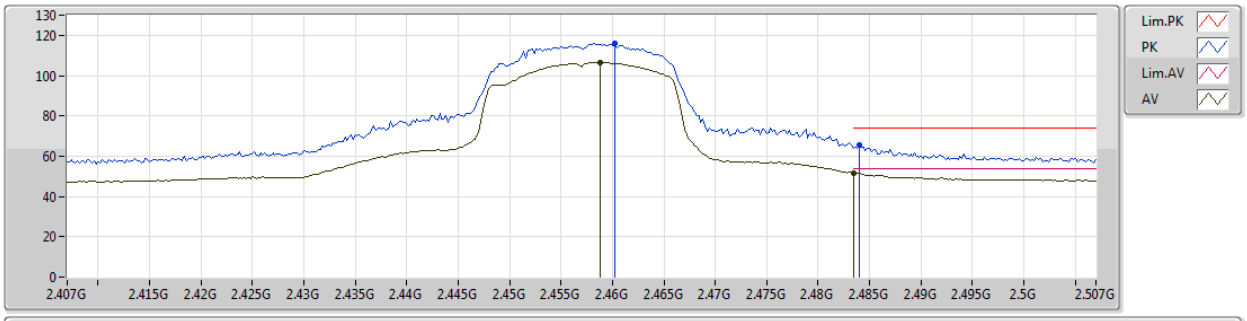


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	109.66	Inf	-Inf	30.89	3	Horizontal	348	1.50	-
AV	2.4835G	53.40	54.00	-0.60	30.97	3	Horizontal	348	1.50	-
PK	2.4584G	118.84	Inf	-Inf	30.89	3	Horizontal	348	1.50	-
PK	2.4842G	67.04	74.00	-6.96	30.97	3	Horizontal	348	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2457MHz_TX

26/01/2019

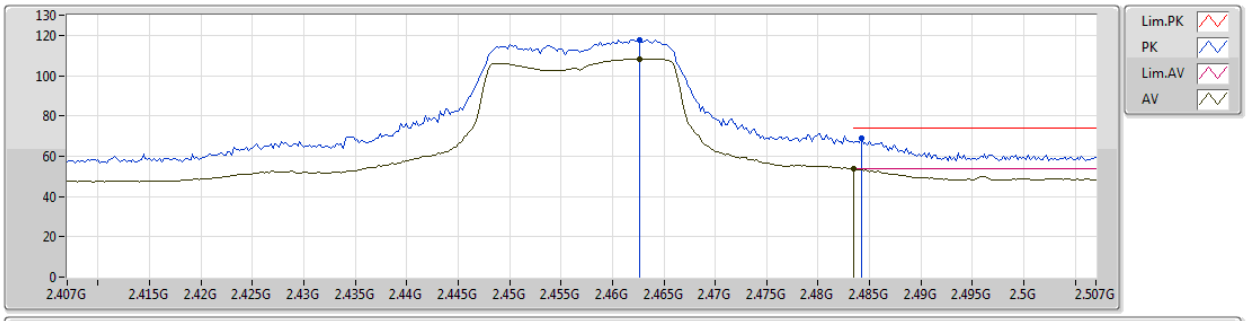


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4588G	106.41	Inf	-Inf	30.89	3	Vertical	7	1.05	-
AV	2.4835G	51.43	54.00	-2.57	30.97	3	Vertical	7	1.05	-
PK	2.4602G	115.98	Inf	-Inf	30.89	3	Vertical	7	1.05	-
PK	2.484G	65.80	74.00	-8.20	30.97	3	Vertical	7	1.05	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2457MHz_TX

26/01/2019

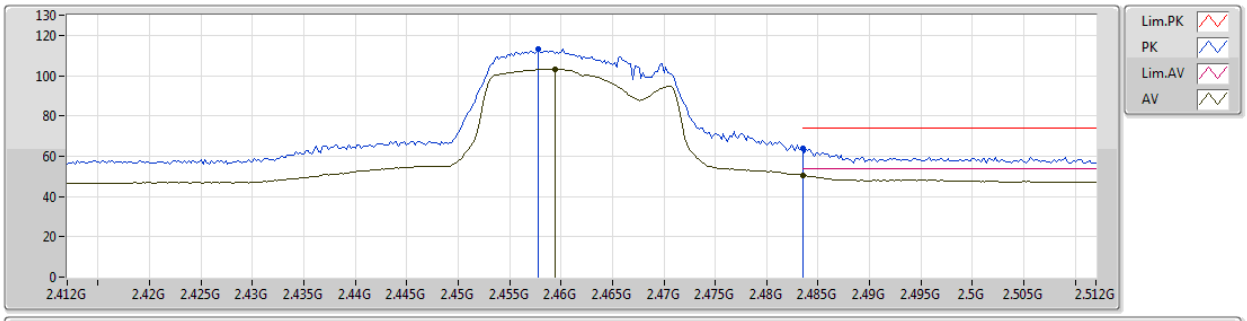


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4626G	108.40	Inf	-Inf	30.90	3	Horizontal	341	1.50	-
AV	2.4835G	53.67	54.00	-0.33	30.97	3	Horizontal	341	1.50	-
PK	2.4626G	117.94	Inf	-Inf	30.90	3	Horizontal	341	1.50	-
PK	2.4842G	69.05	74.00	-4.95	30.97	3	Horizontal	341	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/01/2019

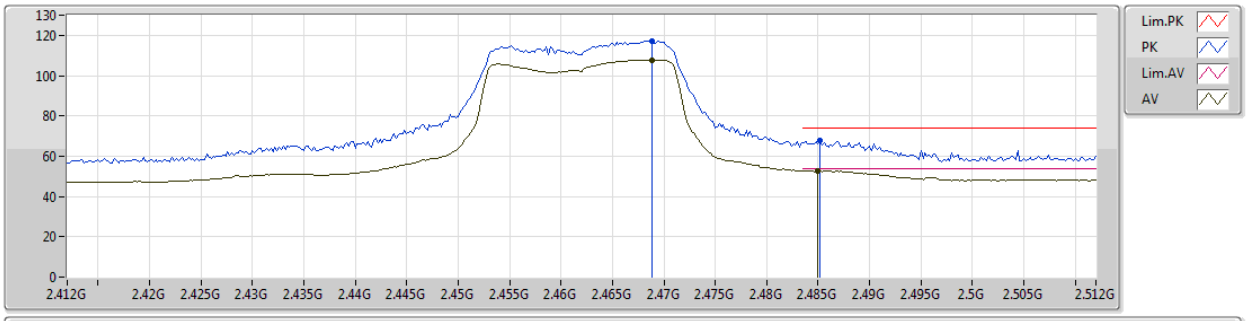


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4594G	103.22	Inf	-Inf	30.89	3	Vertical	29	2.56	-
AV	2.4835G	50.53	54.00	-3.47	30.97	3	Vertical	29	2.56	-
PK	2.4578G	113.21	Inf	-Inf	30.89	3	Vertical	29	2.56	-
PK	2.4835G	63.74	74.00	-10.26	30.97	3	Vertical	29	2.56	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/01/2019

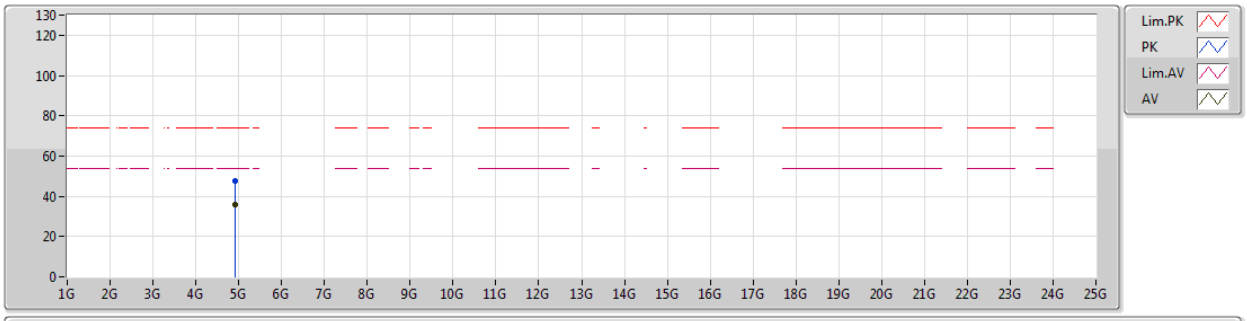


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4688G	107.86	Inf	-Inf	30.93	3	Horizontal	339	1.71	-
AV	2.485G	52.84	54.00	-1.16	30.97	3	Horizontal	339	1.71	-
PK	2.4688G	117.20	Inf	-Inf	30.93	3	Horizontal	339	1.71	-
PK	2.4852G	68.08	74.00	-5.92	30.97	3	Horizontal	339	1.71	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/01/2019

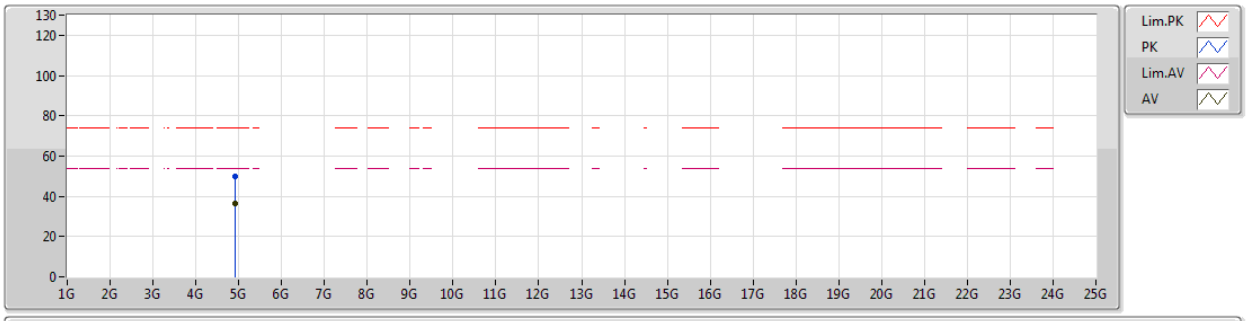


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	4.92394G	47.66	74.00	-26.34	6.77	3	Vertical	346	1.50	-
AV	4.92376G	36.04	54.00	-17.96	6.77	3	Vertical	346	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

26/01/2019

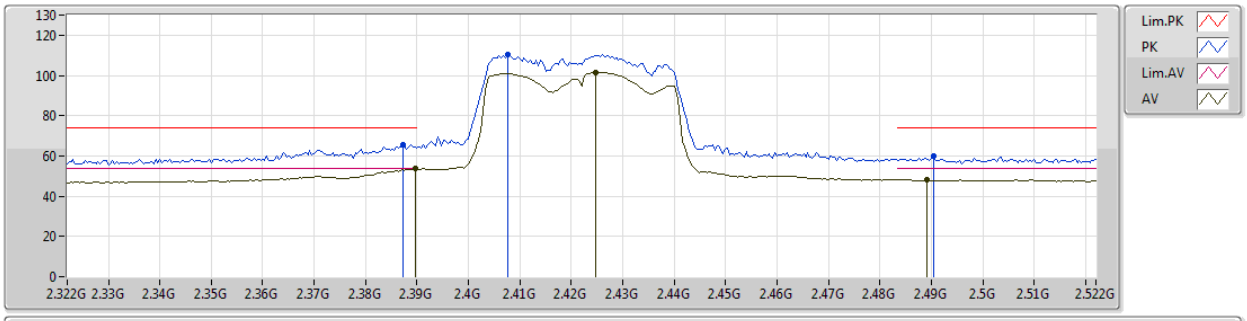


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92004G	36.32	54.00	-17.68	6.76	3	Horizontal	22	1.50	-
PK	4.92196G	49.90	74.00	-24.10	6.76	3	Horizontal	22	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

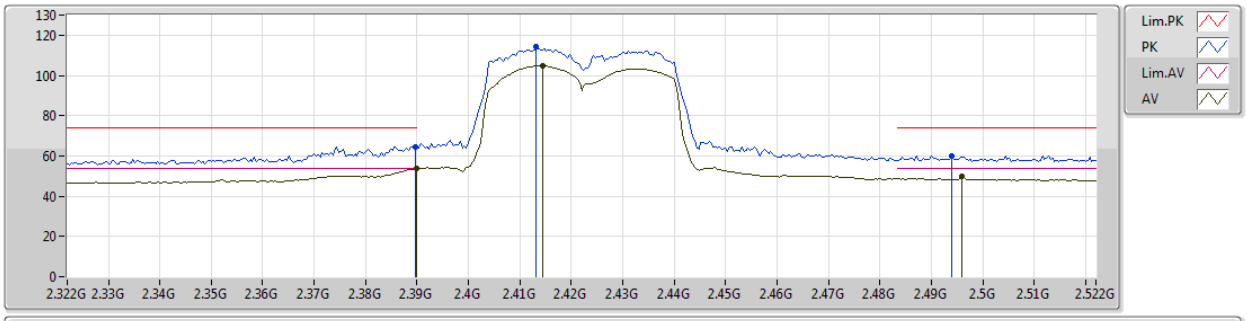


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	53.53	54.00	-0.47	30.69	3	Vertical	0	1.14	-
AV	2.4248G	101.48	Inf	-Inf	30.79	3	Vertical	0	1.14	-
AV	2.4892G	48.17	54.00	-5.83	30.98	3	Vertical	0	1.14	-
PK	2.3872G	65.74	74.00	-8.26	30.68	3	Vertical	0	1.14	-
PK	2.4076G	110.27	Inf	-Inf	30.74	3	Vertical	0	1.14	-
PK	2.4904G	59.92	74.00	-14.08	30.99	3	Vertical	0	1.14	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

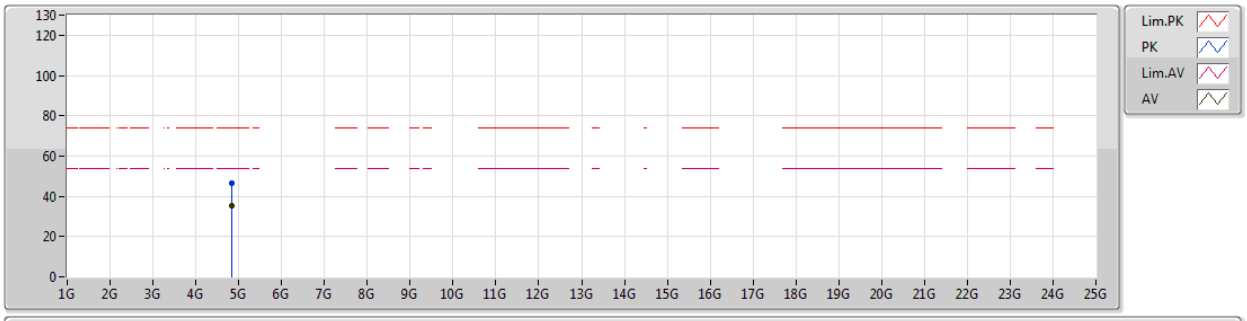


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.77	54.00	-0.23	30.69	3	Horizontal	347	1.78	-
AV	2.4144G	104.91	Inf	-Inf	30.76	3	Horizontal	347	1.78	-
AV	2.496G	49.78	54.00	-4.22	31.00	3	Horizontal	347	1.78	-
PK	2.3896G	64.63	74.00	-9.37	30.69	3	Horizontal	347	1.78	-
PK	2.4132G	114.29	Inf	-Inf	30.76	3	Horizontal	347	1.78	-
PK	2.494G	60.12	74.00	-13.88	31.00	3	Horizontal	347	1.78	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

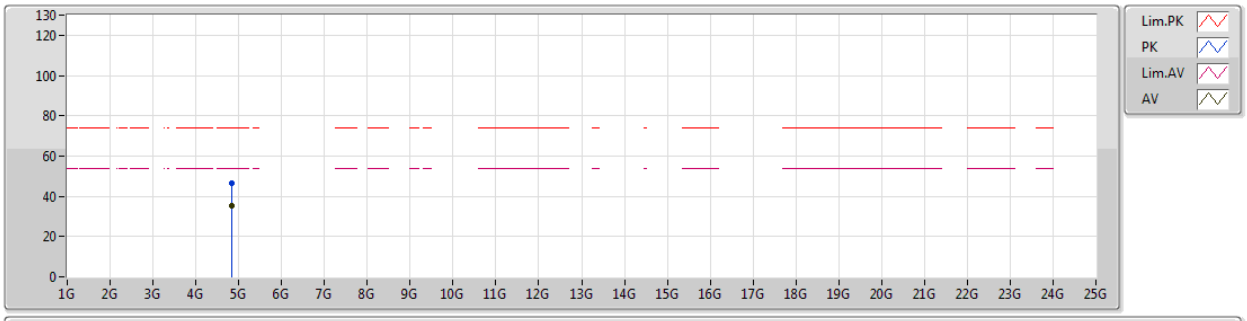


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84388G	35.45	54.00	-18.55	6.58	3	Vertical	337	1.49	-
PK	4.8503G	46.33	74.00	-27.67	6.60	3	Vertical	337	1.49	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

26/01/2019

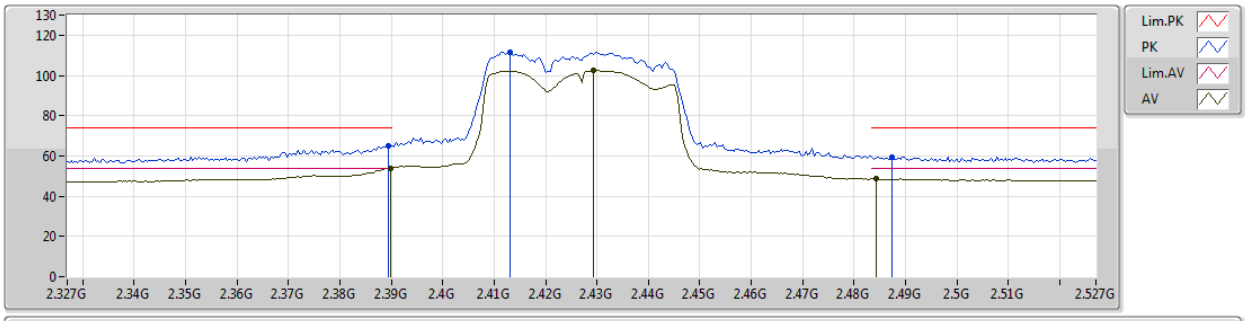


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84394G	35.36	54.00	-18.64	6.58	3	Horizontal	20	1.50	-
PK	4.84262G	46.30	74.00	-27.70	6.58	3	Horizontal	20	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

26/01/2019

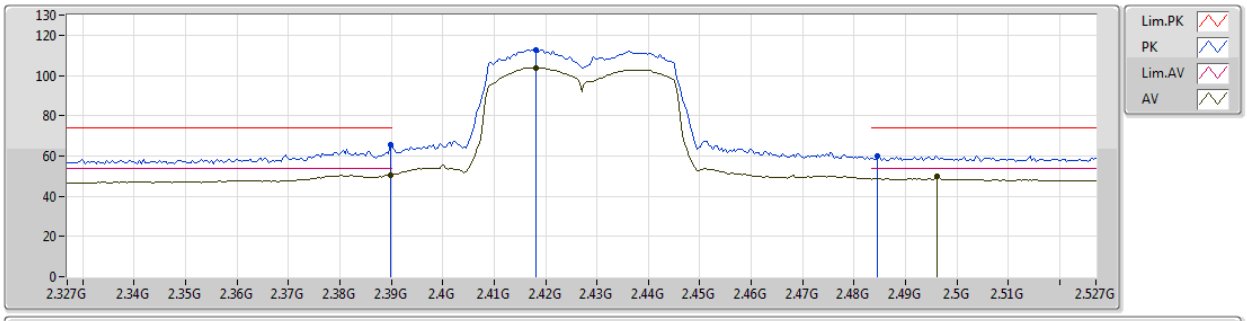


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.88	54.00	-0.12	30.69	3	Vertical	7	1.20	-
AV	2.4294G	102.46	Inf	-Inf	30.81	3	Vertical	7	1.20	-
AV	2.4842G	48.87	54.00	-5.13	30.97	3	Vertical	7	1.20	-
PK	2.3894G	65.10	74.00	-8.90	30.68	3	Vertical	7	1.20	-
PK	2.413G	111.75	Inf	-Inf	30.76	3	Vertical	7	1.20	-
PK	2.4874G	59.28	74.00	-14.72	30.98	3	Vertical	7	1.20	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

26/01/2019

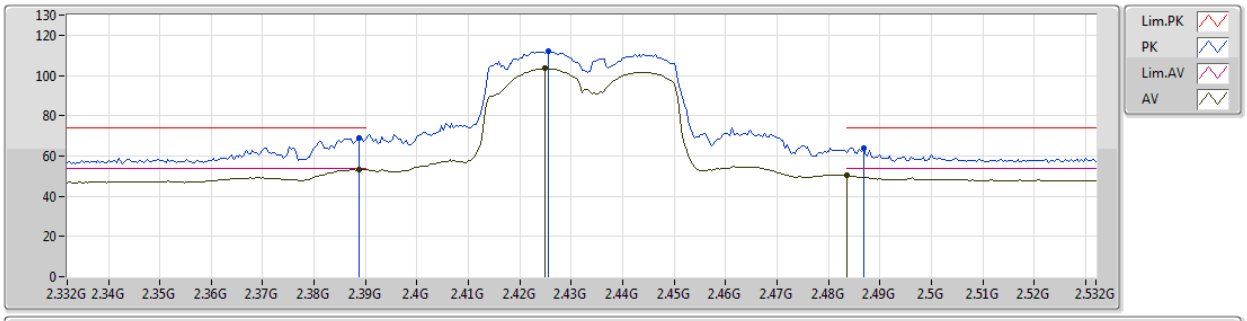


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.42	54.00	-3.58	30.69	3	Horizontal	351	1.07	-
AV	2.4182G	103.93	Inf	-Inf	30.77	3	Horizontal	351	1.07	-
AV	2.4962G	49.78	54.00	-4.22	31.00	3	Horizontal	351	1.07	-
PK	2.3898G	65.33	74.00	-8.67	30.69	3	Horizontal	351	1.07	-
PK	2.4182G	112.87	Inf	-Inf	30.77	3	Horizontal	351	1.07	-
PK	2.4846G	59.84	74.00	-14.16	30.97	3	Horizontal	351	1.07	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2432MHz_TX

26/01/2019

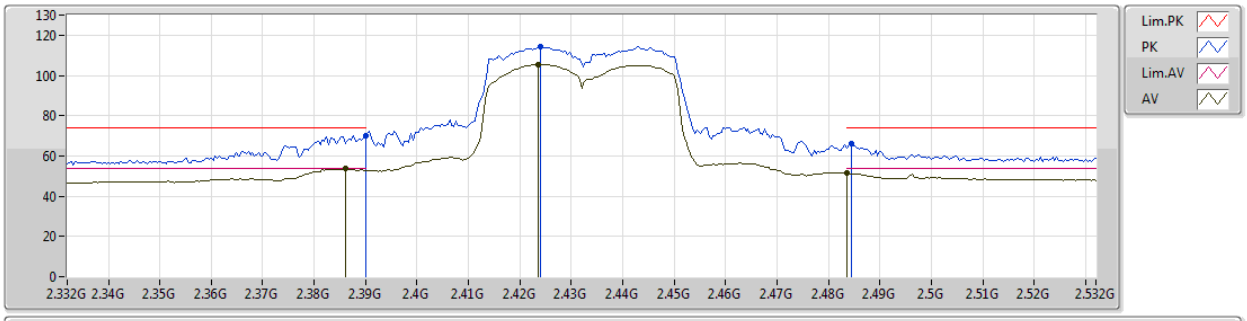


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	53.39	54.00	-0.61	30.68	3	Vertical	330	1.18	-
AV	2.4248G	103.39	Inf	-Inf	30.79	3	Vertical	330	1.18	-
AV	2.4835G	50.34	54.00	-3.66	30.97	3	Vertical	330	1.18	-
PK	2.3888G	69.04	74.00	-4.96	30.68	3	Vertical	330	1.18	-
PK	2.4256G	111.84	Inf	-Inf	30.79	3	Vertical	330	1.18	-
PK	2.4868G	63.84	74.00	-10.16	30.98	3	Vertical	330	1.18	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2432MHz_TX

26/01/2019

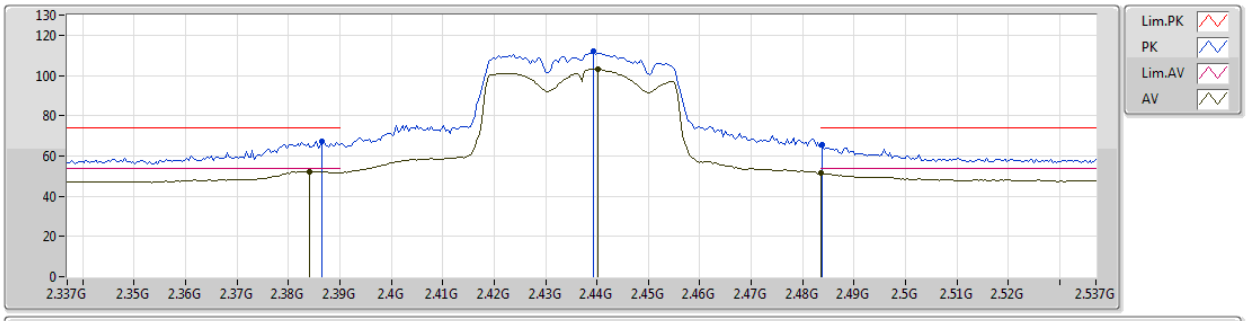


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.386G	53.60	54.00	-0.40	30.68	3	Horizontal	353	1.50	-
AV	2.4236G	105.61	Inf	-Inf	30.79	3	Horizontal	353	1.50	-
AV	2.4835G	51.43	54.00	-2.57	30.97	3	Horizontal	353	1.50	-
PK	2.39G	70.13	74.00	-3.87	30.69	3	Horizontal	353	1.50	-
PK	2.424G	114.09	Inf	-Inf	30.79	3	Horizontal	353	1.50	-
PK	2.4844G	65.95	74.00	-8.05	30.97	3	Horizontal	353	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

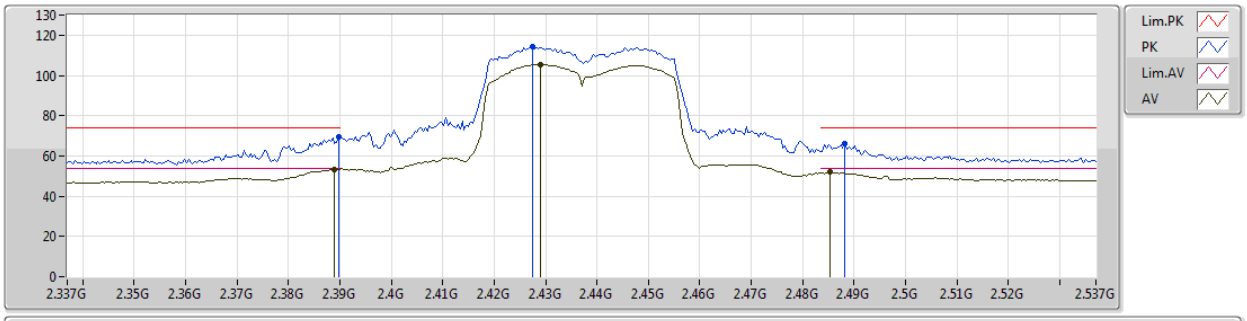


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3842G	52.31	54.00	-1.69	30.67	3	Vertical	357	1.08	-
AV	2.4402G	102.96	Inf	-Inf	30.84	3	Vertical	357	1.08	-
AV	2.4835G	51.43	54.00	-2.57	30.97	3	Vertical	357	1.08	-
PK	2.3866G	67.16	74.00	-6.84	30.68	3	Vertical	357	1.08	-
PK	2.4394G	111.96	Inf	-Inf	30.83	3	Vertical	357	1.08	-
PK	2.4838G	65.70	74.00	-8.30	30.97	3	Vertical	357	1.08	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

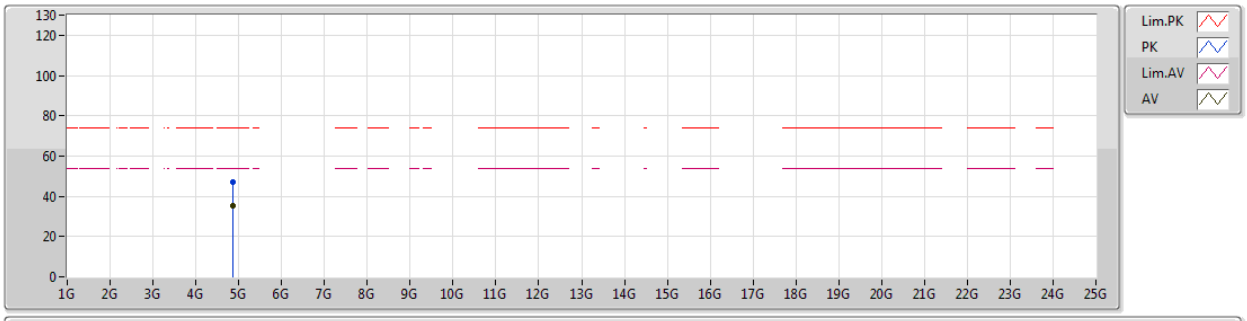


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	53.51	54.00	-0.49	30.68	3	Horizontal	344	1.31	-
AV	2.429G	105.52	Inf	-Inf	30.81	3	Horizontal	344	1.31	-
AV	2.4854G	52.09	54.00	-1.91	30.97	3	Horizontal	344	1.31	-
PK	2.3898G	69.26	74.00	-4.74	30.69	3	Horizontal	344	1.31	-
PK	2.4274G	114.26	Inf	-Inf	30.81	3	Horizontal	344	1.31	-
PK	2.4882G	66.12	74.00	-7.88	30.98	3	Horizontal	344	1.31	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

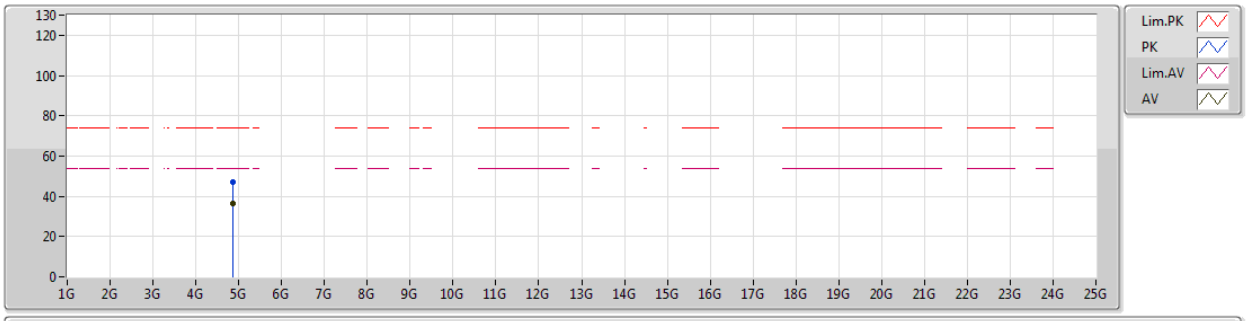


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87364G	35.48	54.00	-18.52	6.65	3	Vertical	343	1.50	-
PK	4.87508G	46.90	74.00	-27.10	6.66	3	Vertical	343	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

26/01/2019

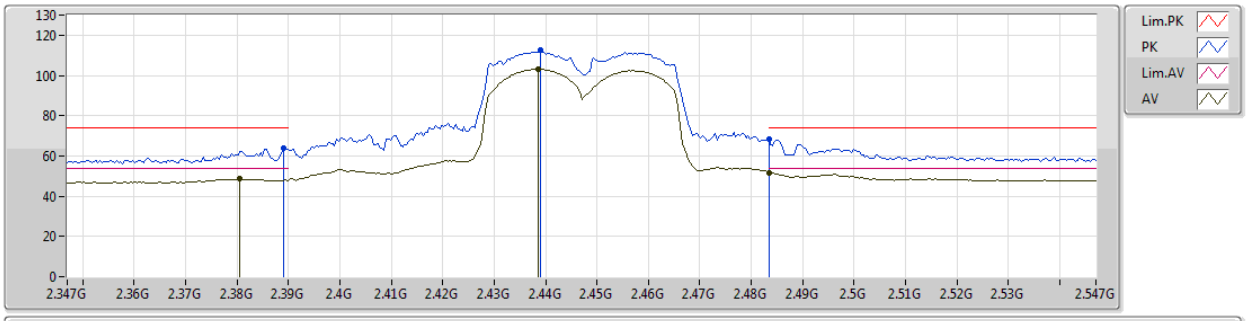


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87382G	36.31	54.00	-17.69	6.65	3	Horizontal	26	1.74	-
PK	4.87364G	46.84	74.00	-27.16	6.65	3	Horizontal	26	1.74	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2447MHz_TX

26/01/2019

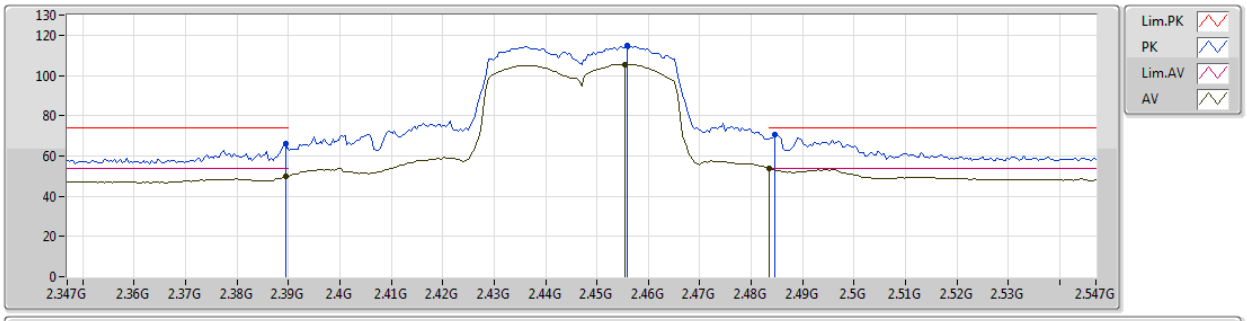


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3806G	48.64	54.00	-5.36	30.66	3	Vertical	330	1.09	-
AV	2.4386G	103.14	Inf	-Inf	30.83	3	Vertical	330	1.09	-
AV	2.4835G	51.60	54.00	-2.40	30.97	3	Vertical	330	1.09	-
PK	2.389G	63.71	74.00	-10.29	30.68	3	Vertical	330	1.09	-
PK	2.439G	112.50	Inf	-Inf	30.83	3	Vertical	330	1.09	-
PK	2.4835G	68.13	74.00	-5.87	30.97	3	Vertical	330	1.09	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2447MHz_TX

26/01/2019

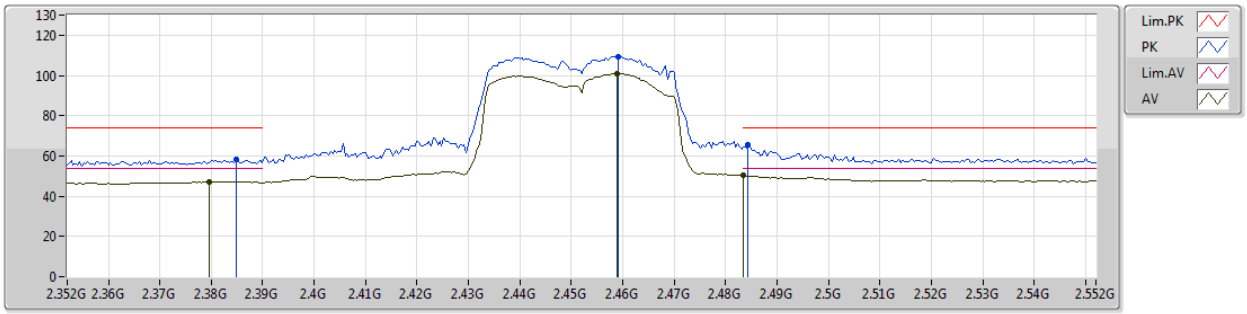


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	49.88	54.00	-4.12	30.68	3	Horizontal	347	1.50	-
AV	2.4554G	105.52	Inf	-Inf	30.88	3	Horizontal	347	1.50	-
AV	2.4835G	53.80	54.00	-0.20	30.97	3	Horizontal	347	1.50	-
PK	2.3894G	66.09	74.00	-7.91	30.68	3	Horizontal	347	1.50	-
PK	2.4558G	114.64	Inf	-Inf	30.88	3	Horizontal	347	1.50	-
PK	2.4846G	70.80	74.00	-3.20	30.97	3	Horizontal	347	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019

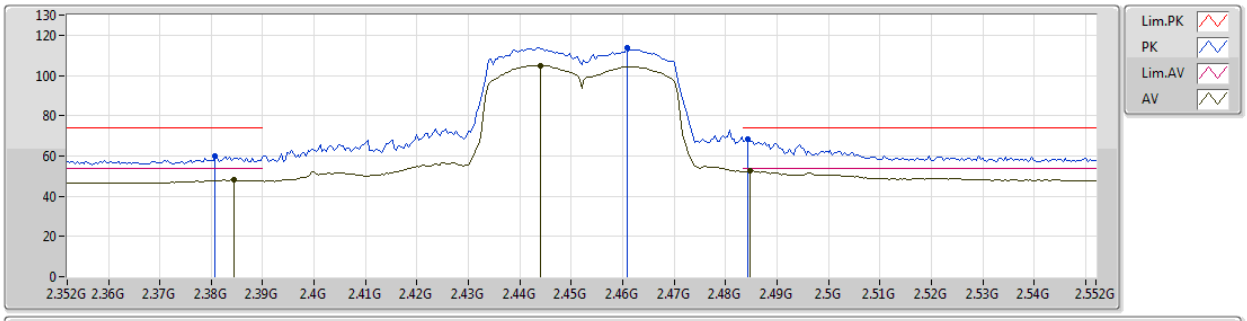


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3796G	47.30	54.00	-6.70	30.66	3	Vertical	306	1.05	-
AV	2.4588G	100.80	Inf	-Inf	30.89	3	Vertical	306	1.05	-
AV	2.4835G	50.34	54.00	-3.66	30.97	3	Vertical	306	1.05	-
PK	2.3848G	58.24	74.00	-15.76	30.67	3	Vertical	306	1.05	-
PK	2.4592G	109.20	Inf	-Inf	30.89	3	Vertical	306	1.05	-
PK	2.4844G	65.77	74.00	-8.23	30.97	3	Vertical	306	1.05	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019

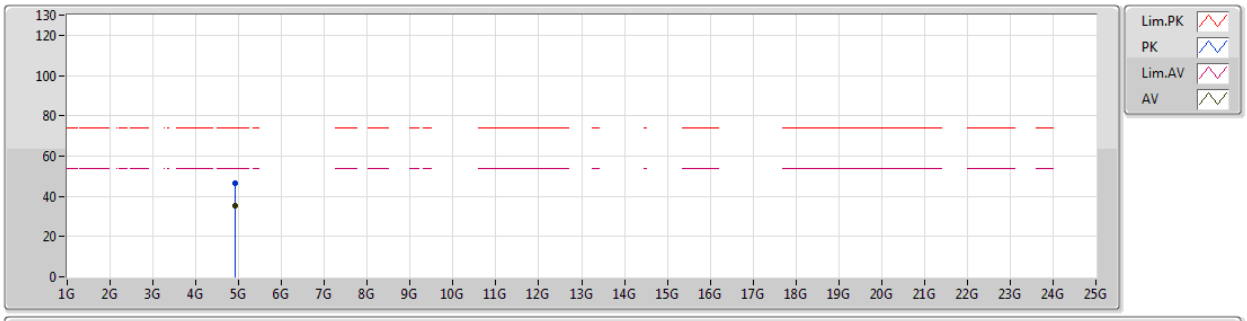


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3844G	48.23	54.00	-5.77	30.67	3	Horizontal	350	1.94	-
AV	2.444G	104.96	Inf	-Inf	30.85	3	Horizontal	350	1.94	-
AV	2.4848G	52.84	54.00	-1.16	30.97	3	Horizontal	350	1.94	-
PK	2.3808G	59.89	74.00	-14.11	30.66	3	Horizontal	350	1.94	-
PK	2.4608G	113.57	Inf	-Inf	30.90	3	Horizontal	350	1.94	-
PK	2.4844G	68.59	74.00	-5.41	30.97	3	Horizontal	350	1.94	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019

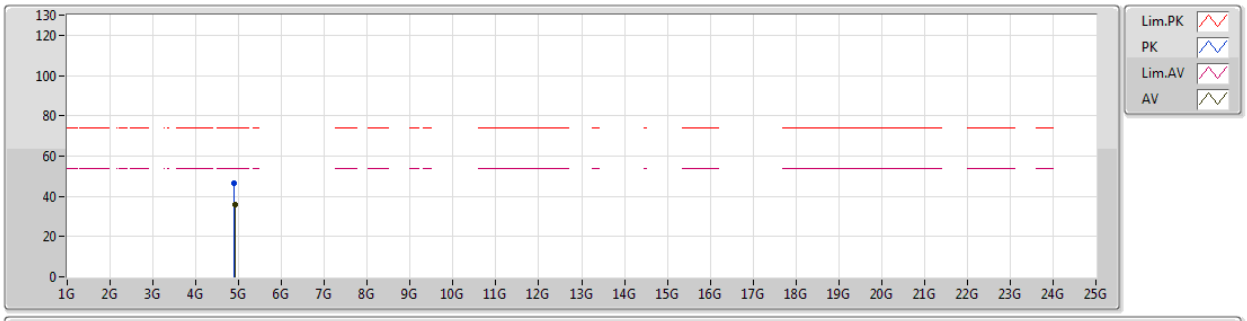


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.904G	35.39	54.00	-18.61	6.73	3	Vertical	346	1.50	-
PK	4.90376G	46.37	74.00	-27.63	6.73	3	Vertical	346	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

26/01/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90394G	36.00	54.00	-18.00	6.73	3	Horizontal	23	1.90	-
PK	4.90286G	46.57	74.00	-27.43	6.72	3	Horizontal	23	1.90	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.824G	53.37	54.00	-0.63	2.13	3	Horizontal	182	1.67	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3878G	53.89	54.00	-0.11	30.77	3	Horizontal	355	1.00	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.89	54.00	-0.11	30.77	3	Horizontal	348	1.01	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4866G	53.91	54.00	-0.09	31.12	3	Horizontal	162	1.01	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3852G	48.62	54.00	-5.38	30.76	3	Horizontal	3	1.05	-
2412MHz	Pass	AV	2.4092G	108.75	Inf	-Inf	30.85	3	Horizontal	3	1.05	-
2412MHz	Pass	PK	2.385G	58.80	74.00	-15.20	30.76	3	Horizontal	3	1.05	-
2412MHz	Pass	PK	2.4092G	111.76	Inf	-Inf	30.85	3	Horizontal	3	1.05	-
2412MHz	Pass	AV	4.824G	32.23	54.00	-21.77	2.13	3	Vertical	70	1.50	-
2412MHz	Pass	PK	4.82394G	42.87	74.00	-31.13	2.13	3	Vertical	70	1.50	-
2412MHz	Pass	AV	4.824G	53.37	54.00	-0.63	2.13	3	Horizontal	182	1.67	-
2412MHz	Pass	PK	4.824G	45.72	74.00	-28.28	2.13	3	Horizontal	182	1.67	-
2417MHz	Pass	AV	2.39G	48.39	54.00	-5.61	30.77	3	Horizontal	351	2.86	-
2417MHz	Pass	AV	2.4162G	111.50	Inf	-Inf	30.87	3	Horizontal	351	2.86	-
2417MHz	Pass	PK	2.3878G	57.83	74.00	-16.17	30.77	3	Horizontal	351	2.86	-
2417MHz	Pass	PK	2.4162G	114.30	Inf	-Inf	30.87	3	Horizontal	351	2.86	-
2437MHz	Pass	AV	2.385G	42.69	54.00	-11.31	30.76	3	Horizontal	355	2.77	-
2437MHz	Pass	AV	2.4386G	111.73	Inf	-Inf	30.95	3	Horizontal	355	2.77	-
2437MHz	Pass	AV	2.4958G	43.84	54.00	-10.16	31.16	3	Horizontal	355	2.77	-
2437MHz	Pass	PK	2.3686G	55.80	74.00	-18.20	30.70	3	Horizontal	355	2.77	-
2437MHz	Pass	PK	2.4398G	113.89	Inf	-Inf	30.95	3	Horizontal	355	2.77	-
2437MHz	Pass	PK	2.4998G	57.22	74.00	-16.78	31.17	3	Horizontal	355	2.77	-
2437MHz	Pass	AV	4.874G	33.04	54.00	-20.96	2.25	3	Vertical	63	1.62	-
2437MHz	Pass	PK	4.87394G	43.93	74.00	-30.07	2.25	3	Vertical	63	1.62	-
2437MHz	Pass	AV	4.874G	51.75	54.00	-2.25	2.25	3	Horizontal	183	1.77	-
2437MHz	Pass	PK	4.87388G	53.87	74.00	-20.13	2.25	3	Horizontal	183	1.77	-
2462MHz	Pass	AV	2.4636G	111.32	Inf	-Inf	31.04	3	Horizontal	189	2.99	-
2462MHz	Pass	AV	2.4886G	49.36	54.00	-4.64	31.13	3	Horizontal	189	2.99	-
2462MHz	Pass	PK	2.4628G	113.93	Inf	-Inf	31.04	3	Horizontal	189	2.99	-
2462MHz	Pass	PK	2.4884G	58.81	74.00	-15.19	31.13	3	Horizontal	189	2.99	-
2462MHz	Pass	AV	4.924G	37.57	54.00	-16.43	2.38	3	Vertical	13	2.87	-
2462MHz	Pass	PK	4.92394G	45.35	74.00	-28.65	2.38	3	Vertical	13	2.87	-
2462MHz	Pass	AV	4.924G	50.50	54.00	-3.50	2.38	3	Horizontal	175	1.42	-
2462MHz	Pass	PK	4.92394G	53.22	74.00	-20.78	2.38	3	Horizontal	175	1.42	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3878G	53.89	54.00	-0.11	30.77	3	Horizontal	355	1.00	-
2412MHz	Pass	AV	2.4128G	107.18	Inf	-Inf	30.86	3	Horizontal	355	1.00	-
2412MHz	Pass	PK	2.3886G	68.77	74.00	-5.23	30.77	3	Horizontal	355	1.00	-
2412MHz	Pass	PK	2.4176G	117.13	Inf	-Inf	30.87	3	Horizontal	355	1.00	-
2412MHz	Pass	AV	4.801G	30.15	54.00	-23.85	2.07	3	Vertical	45	1.50	-
2412MHz	Pass	PK	4.8G	43.57	74.00	-30.43	2.07	3	Vertical	45	1.50	-
2412MHz	Pass	AV	4.824G	38.36	54.00	-15.64	2.13	3	Horizontal	172	1.39	-
2412MHz	Pass	PK	4.824G	50.54	74.00	-23.46	2.13	3	Horizontal	172	1.39	-
2417MHz	Pass	AV	2.388G	53.57	54.00	-0.43	30.77	3	Horizontal	351	1.01	-
2417MHz	Pass	AV	2.4124G	108.42	Inf	-Inf	30.85	3	Horizontal	351	1.01	-
2417MHz	Pass	PK	2.3874G	69.88	74.00	-4.12	30.76	3	Horizontal	351	1.01	-
2417MHz	Pass	PK	2.4126G	118.08	Inf	-Inf	30.86	3	Horizontal	351	1.01	-
2422MHz	Pass	AV	2.3872G	53.47	54.00	-0.53	30.76	3	Horizontal	348	1.78	-
2422MHz	Pass	AV	2.4168G	109.49	Inf	-Inf	30.87	3	Horizontal	348	1.78	-
2422MHz	Pass	PK	2.3864G	70.62	74.00	-3.38	30.76	3	Horizontal	348	1.78	-
2422MHz	Pass	PK	2.4164G	118.76	Inf	-Inf	30.87	3	Horizontal	348	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	AV	2.3884G	53.28	54.00	-0.72	30.77	3	Horizontal	353	1.01	-
2427MHz	Pass	AV	2.4224G	110.03	Inf	-Inf	30.89	3	Horizontal	353	1.01	-
2427MHz	Pass	PK	2.3886G	69.96	74.00	-4.04	30.77	3	Horizontal	353	1.01	-
2427MHz	Pass	PK	2.4226G	119.53	Inf	-Inf	30.89	3	Horizontal	353	1.01	-
2437MHz	Pass	AV	2.3878G	48.72	54.00	-5.28	30.77	3	Horizontal	359	1.01	-
2437MHz	Pass	AV	2.4326G	108.97	Inf	-Inf	30.93	3	Horizontal	359	1.01	-
2437MHz	Pass	AV	2.4835G	47.00	54.00	-7.00	31.11	3	Horizontal	359	1.01	-
2437MHz	Pass	PK	2.3882G	64.36	74.00	-9.64	30.77	3	Horizontal	359	1.01	-
2437MHz	Pass	PK	2.4426G	118.59	Inf	-Inf	30.96	3	Horizontal	359	1.01	-
2437MHz	Pass	PK	2.4846G	61.14	74.00	-12.86	31.12	3	Horizontal	359	1.01	-
2437MHz	Pass	AV	4.88414G	30.13	54.00	-23.87	2.28	3	Vertical	308	1.77	-
2437MHz	Pass	PK	4.86806G	43.17	74.00	-30.83	2.24	3	Vertical	308	1.77	-
2437MHz	Pass	AV	4.8743G	40.51	54.00	-13.49	2.25	3	Horizontal	178	1.50	-
2437MHz	Pass	PK	4.87448G	53.11	74.00	-20.89	2.25	3	Horizontal	178	1.50	-
2447MHz	Pass	AV	2.4418G	110.01	Inf	-Inf	30.96	3	Horizontal	351	1.31	-
2447MHz	Pass	AV	2.4835G	52.91	54.00	-1.09	31.11	3	Horizontal	351	1.31	-
2447MHz	Pass	PK	2.4414G	119.39	Inf	-Inf	30.96	3	Horizontal	351	1.31	-
2447MHz	Pass	PK	2.4858G	69.48	74.00	-4.52	31.12	3	Horizontal	351	1.31	-
2452MHz	Pass	AV	2.4554G	109.31	Inf	-Inf	31.01	3	Horizontal	343	2.99	-
2452MHz	Pass	AV	2.4848G	53.64	54.00	-0.36	31.12	3	Horizontal	343	2.99	-
2452MHz	Pass	PK	2.4508G	118.50	Inf	-Inf	30.99	3	Horizontal	343	2.99	-
2452MHz	Pass	PK	2.485G	73.15	74.00	-0.85	31.12	3	Horizontal	343	2.99	-
2457MHz	Pass	AV	2.4622G	107.53	Inf	-Inf	31.03	3	Horizontal	165	1.01	-
2457MHz	Pass	AV	2.4835G	53.36	54.00	-0.64	31.11	3	Horizontal	165	1.01	-
2457MHz	Pass	PK	2.4626G	117.87	Inf	-Inf	31.04	3	Horizontal	165	1.01	-
2457MHz	Pass	PK	2.4835G	70.96	74.00	-3.04	31.11	3	Horizontal	165	1.01	-
2462MHz	Pass	AV	2.4628G	105.79	Inf	-Inf	31.04	3	Horizontal	167	1.02	-
2462MHz	Pass	AV	2.4835G	52.53	54.00	-1.47	31.11	3	Horizontal	167	1.02	-
2462MHz	Pass	PK	2.4676G	116.16	Inf	-Inf	31.05	3	Horizontal	167	1.02	-
2462MHz	Pass	PK	2.4835G	70.01	74.00	-3.99	31.11	3	Horizontal	167	1.02	-
2462MHz	Pass	AV	4.93834G	30.43	54.00	-23.57	2.42	3	Vertical	186	1.89	-
2462MHz	Pass	PK	4.9105G	43.62	74.00	-30.38	2.35	3	Vertical	186	1.89	-
2462MHz	Pass	AV	4.92178G	36.10	54.00	-17.90	2.37	3	Horizontal	354	2.48	-
2462MHz	Pass	PK	4.92622G	48.55	74.00	-25.45	2.39	3	Horizontal	354	2.48	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.56	54.00	-0.44	30.77	3	Horizontal	354	1.00	-
2412MHz	Pass	AV	2.4146G	106.43	Inf	-Inf	30.86	3	Horizontal	354	1.00	-
2412MHz	Pass	PK	2.39G	68.24	74.00	-5.76	30.77	3	Horizontal	354	1.00	-
2412MHz	Pass	PK	2.4136G	117.76	Inf	-Inf	30.86	3	Horizontal	354	1.00	-
2412MHz	Pass	AV	4.8101G	29.61	54.00	-24.39	2.10	3	Vertical	56	2.98	-
2412MHz	Pass	PK	4.8289G	42.42	74.00	-31.58	2.15	3	Vertical	56	2.98	-
2412MHz	Pass	AV	4.82394G	37.73	54.00	-16.27	2.13	3	Horizontal	170	1.80	-
2412MHz	Pass	PK	4.8222G	51.80	74.00	-22.20	2.13	3	Horizontal	170	1.80	-
2417MHz	Pass	AV	2.384G	53.63	54.00	-0.37	30.76	3	Horizontal	349	1.01	-
2417MHz	Pass	AV	2.4198G	107.84	Inf	-Inf	30.89	3	Horizontal	349	1.01	-
2417MHz	Pass	PK	2.3816G	73.24	74.00	-0.76	30.75	3	Horizontal	349	1.01	-
2417MHz	Pass	PK	2.4186G	118.76	Inf	-Inf	30.87	3	Horizontal	349	1.01	-
2422MHz	Pass	AV	2.39G	53.89	54.00	-0.11	30.77	3	Horizontal	348	1.01	-
2422MHz	Pass	AV	2.4248G	107.59	Inf	-Inf	30.90	3	Horizontal	348	1.01	-

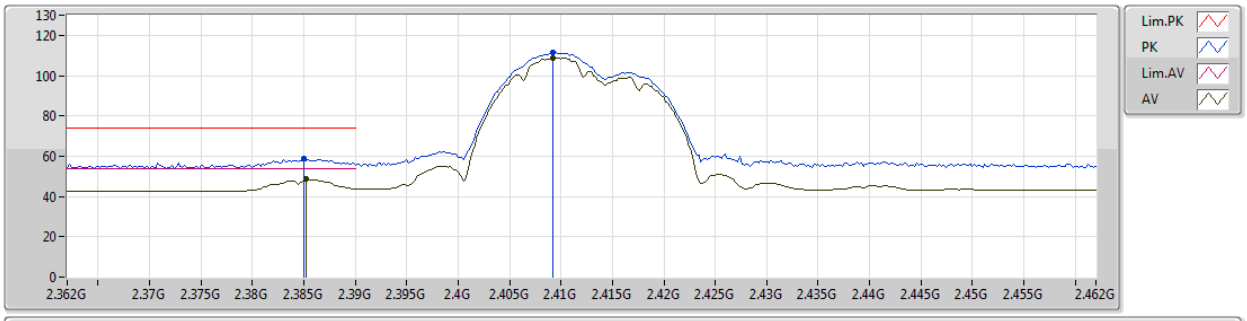
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.3864G	73.29	74.00	-0.71	30.76	3	Horizontal	348	1.01	-
2422MHz	Pass	PK	2.4236G	118.73	Inf	-Inf	30.90	3	Horizontal	348	1.01	-
2427MHz	Pass	AV	2.39G	50.94	54.00	-3.06	30.77	3	Horizontal	335	2.52	-
2427MHz	Pass	AV	2.4242G	108.44	Inf	-Inf	30.90	3	Horizontal	335	2.52	-
2427MHz	Pass	PK	2.389G	70.39	74.00	-3.61	30.77	3	Horizontal	335	2.52	-
2427MHz	Pass	PK	2.4208G	118.64	Inf	-Inf	30.89	3	Horizontal	335	2.52	-
2437MHz	Pass	AV	2.3898G	46.37	54.00	-7.63	30.77	3	Horizontal	354	1.50	-
2437MHz	Pass	AV	2.4354G	107.64	Inf	-Inf	30.94	3	Horizontal	354	1.50	-
2437MHz	Pass	AV	2.4835G	45.76	54.00	-8.24	31.11	3	Horizontal	354	1.50	-
2437MHz	Pass	PK	2.3878G	60.69	74.00	-13.31	30.77	3	Horizontal	354	1.50	-
2437MHz	Pass	PK	2.4382G	118.07	Inf	-Inf	30.95	3	Horizontal	354	1.50	-
2437MHz	Pass	PK	2.4835G	59.40	74.00	-14.60	31.11	3	Horizontal	354	1.50	-
2437MHz	Pass	AV	4.88552G	29.90	54.00	-24.10	2.29	3	Vertical	353	1.56	-
2437MHz	Pass	PK	4.8824G	43.49	74.00	-30.51	2.27	3	Vertical	353	1.56	-
2437MHz	Pass	AV	4.87406G	39.43	54.00	-14.57	2.25	3	Horizontal	170	1.77	-
2437MHz	Pass	PK	4.87196G	53.36	74.00	-20.64	2.25	3	Horizontal	170	1.77	-
2447MHz	Pass	AV	2.3898G	48.31	54.00	-5.69	30.69	3	Vertical	9	1.07	-
2447MHz	Pass	AV	2.449G	109.75	Inf	-Inf	30.87	3	Vertical	9	1.07	-
2447MHz	Pass	AV	2.4838G	53.40	54.00	-0.60	30.97	3	Vertical	9	1.07	-
2447MHz	Pass	PK	2.389G	60.22	74.00	-13.78	30.68	3	Vertical	9	1.07	-
2447MHz	Pass	PK	2.4506G	119.13	Inf	-Inf	30.87	3	Vertical	9	1.07	-
2447MHz	Pass	PK	2.4838G	67.76	74.00	-6.24	30.97	3	Vertical	9	1.07	-
2447MHz	Pass	AV	2.3898G	47.39	54.00	-6.61	30.69	3	Horizontal	354	1.55	-
2447MHz	Pass	AV	2.4394G	110.67	Inf	-Inf	30.83	3	Horizontal	354	1.55	-
2447MHz	Pass	AV	2.4835G	51.93	54.00	-2.07	30.97	3	Horizontal	354	1.55	-
2447MHz	Pass	PK	2.3818G	58.18	74.00	-15.82	30.67	3	Horizontal	354	1.55	-
2447MHz	Pass	PK	2.4398G	119.28	Inf	-Inf	30.84	3	Horizontal	354	1.55	-
2447MHz	Pass	PK	2.4835G	65.83	74.00	-8.17	30.97	3	Horizontal	354	1.55	-
2452MHz	Pass	AV	2.4492G	107.94	Inf	-Inf	30.99	3	Horizontal	349	1.50	-
2452MHz	Pass	AV	2.4872G	52.23	54.00	-1.77	31.12	3	Horizontal	349	1.50	-
2452MHz	Pass	PK	2.4512G	117.84	Inf	-Inf	30.99	3	Horizontal	349	1.50	-
2452MHz	Pass	PK	2.4866G	72.17	74.00	-1.83	31.12	3	Horizontal	349	1.50	-
2457MHz	Pass	AV	2.4596G	107.08	Inf	-Inf	31.03	3	Horizontal	165	1.01	-
2457MHz	Pass	AV	2.4835G	53.24	54.00	-0.76	31.11	3	Horizontal	165	1.01	-
2457MHz	Pass	PK	2.4586G	118.42	Inf	-Inf	31.02	3	Horizontal	165	1.01	-
2457MHz	Pass	PK	2.4836G	70.17	74.00	-3.83	31.11	3	Horizontal	165	1.01	-
2462MHz	Pass	AV	2.4636G	105.29	Inf	-Inf	31.04	3	Horizontal	178	1.00	-
2462MHz	Pass	AV	2.4835G	52.18	54.00	-1.82	31.11	3	Horizontal	178	1.00	-
2462MHz	Pass	PK	2.4638G	116.21	Inf	-Inf	31.04	3	Horizontal	178	1.00	-
2462MHz	Pass	PK	2.4835G	69.33	74.00	-4.67	31.11	3	Horizontal	178	1.00	-
2462MHz	Pass	AV	4.93228G	30.09	54.00	-23.91	2.40	3	Vertical	1	1.50	-
2462MHz	Pass	PK	4.93132G	43.72	74.00	-30.28	2.40	3	Vertical	1	1.50	-
2462MHz	Pass	AV	4.92382G	38.96	54.00	-15.04	2.38	3	Horizontal	354	1.39	-
2462MHz	Pass	PK	4.92322G	53.12	74.00	-20.88	2.38	3	Horizontal	354	1.39	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3876G	53.90	54.00	-0.10	30.77	3	Horizontal	355	1.01	-
2422MHz	Pass	AV	2.4236G	102.46	Inf	-Inf	30.90	3	Horizontal	355	1.01	-
2422MHz	Pass	AV	2.4844G	45.29	54.00	-8.71	31.12	3	Horizontal	355	1.01	-
2422MHz	Pass	PK	2.384G	67.71	74.00	-6.29	30.76	3	Horizontal	355	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.4244G	111.16	Inf	-Inf	30.90	3	Horizontal	355	1.01	-
2422MHz	Pass	PK	2.4964G	58.78	74.00	-15.22	31.16	3	Horizontal	355	1.01	-
2422MHz	Pass	AV	4.83146G	30.00	54.00	-24.00	2.15	3	Vertical	96	1.60	-
2422MHz	Pass	PK	4.85378G	42.78	74.00	-31.22	2.21	3	Vertical	96	1.60	-
2422MHz	Pass	AV	4.84376G	34.01	54.00	-19.99	2.18	3	Horizontal	168	1.68	-
2422MHz	Pass	PK	4.84478G	46.78	74.00	-27.22	2.18	3	Horizontal	168	1.68	-
2427MHz	Pass	AV	2.3878G	53.74	54.00	-0.26	30.77	3	Horizontal	343	2.02	-
2427MHz	Pass	AV	2.4234G	102.82	Inf	-Inf	30.90	3	Horizontal	343	2.02	-
2427MHz	Pass	AV	2.4838G	46.23	54.00	-7.77	31.11	3	Horizontal	343	2.02	-
2427MHz	Pass	PK	2.3882G	66.05	74.00	-7.95	30.77	3	Horizontal	343	2.02	-
2427MHz	Pass	PK	2.4242G	112.15	Inf	-Inf	30.90	3	Horizontal	343	2.02	-
2427MHz	Pass	PK	2.4858G	59.10	74.00	-14.90	31.12	3	Horizontal	343	2.02	-
2432MHz	Pass	AV	2.39G	53.88	54.00	-0.12	30.77	3	Horizontal	347	1.50	-
2432MHz	Pass	AV	2.4336G	103.10	Inf	-Inf	30.93	3	Horizontal	347	1.50	-
2432MHz	Pass	AV	2.4908G	46.68	54.00	-7.32	31.13	3	Horizontal	347	1.50	-
2432MHz	Pass	PK	2.3888G	67.61	74.00	-6.39	30.77	3	Horizontal	347	1.50	-
2432MHz	Pass	PK	2.4332G	111.54	Inf	-Inf	30.93	3	Horizontal	347	1.50	-
2432MHz	Pass	PK	2.49G	59.93	74.00	-14.07	31.13	3	Horizontal	347	1.50	-
2437MHz	Pass	AV	2.3814G	52.84	54.00	-1.16	30.75	3	Horizontal	352	1.29	-
2437MHz	Pass	AV	2.4386G	104.54	Inf	-Inf	30.95	3	Horizontal	352	1.29	-
2437MHz	Pass	AV	2.4835G	51.41	54.00	-2.59	31.11	3	Horizontal	352	1.29	-
2437MHz	Pass	PK	2.3818G	69.66	74.00	-4.34	30.75	3	Horizontal	352	1.29	-
2437MHz	Pass	PK	2.4394G	113.10	Inf	-Inf	30.95	3	Horizontal	352	1.29	-
2437MHz	Pass	PK	2.4835G	65.72	74.00	-8.28	31.11	3	Horizontal	352	1.29	-
2437MHz	Pass	AV	4.88546G	30.10	54.00	-23.90	2.29	3	Vertical	172	1.50	-
2437MHz	Pass	PK	4.87532G	42.50	74.00	-31.50	2.26	3	Vertical	172	1.50	-
2437MHz	Pass	AV	4.87388G	35.69	54.00	-18.31	2.25	3	Horizontal	168	1.75	-
2437MHz	Pass	PK	4.87418G	47.54	74.00	-26.46	2.25	3	Horizontal	168	1.75	-
2447MHz	Pass	AV	2.3878G	50.24	54.00	-3.76	30.77	3	Horizontal	162	1.01	-
2447MHz	Pass	AV	2.4486G	103.69	Inf	-Inf	30.99	3	Horizontal	162	1.01	-
2447MHz	Pass	AV	2.4866G	53.91	54.00	-0.09	31.12	3	Horizontal	162	1.01	-
2447MHz	Pass	PK	2.387G	65.92	74.00	-8.08	30.76	3	Horizontal	162	1.01	-
2447MHz	Pass	PK	2.4494G	112.18	Inf	-Inf	30.99	3	Horizontal	162	1.01	-
2447MHz	Pass	PK	2.4882G	72.07	74.00	-1.93	31.13	3	Horizontal	162	1.01	-
2452MHz	Pass	AV	2.3892G	48.76	54.00	-5.24	30.77	3	Horizontal	351	1.50	-
2452MHz	Pass	AV	2.4504G	103.15	Inf	-Inf	30.99	3	Horizontal	351	1.50	-
2452MHz	Pass	AV	2.4888G	51.27	54.00	-2.73	31.13	3	Horizontal	351	1.50	-
2452MHz	Pass	PK	2.3896G	62.44	74.00	-11.56	30.77	3	Horizontal	351	1.50	-
2452MHz	Pass	PK	2.4492G	112.09	Inf	-Inf	30.99	3	Horizontal	351	1.50	-
2452MHz	Pass	PK	2.4932G	67.25	74.00	-6.75	31.14	3	Horizontal	351	1.50	-
2452MHz	Pass	AV	4.91882G	30.18	54.00	-23.82	2.36	3	Vertical	73	1.50	-
2452MHz	Pass	PK	4.89482G	43.64	74.00	-30.36	2.31	3	Vertical	73	1.50	-
2452MHz	Pass	AV	4.90376G	34.22	54.00	-19.78	2.33	3	Horizontal	352	1.50	-
2452MHz	Pass	PK	4.90382G	46.16	74.00	-27.84	2.33	3	Horizontal	352	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

28/01/2019

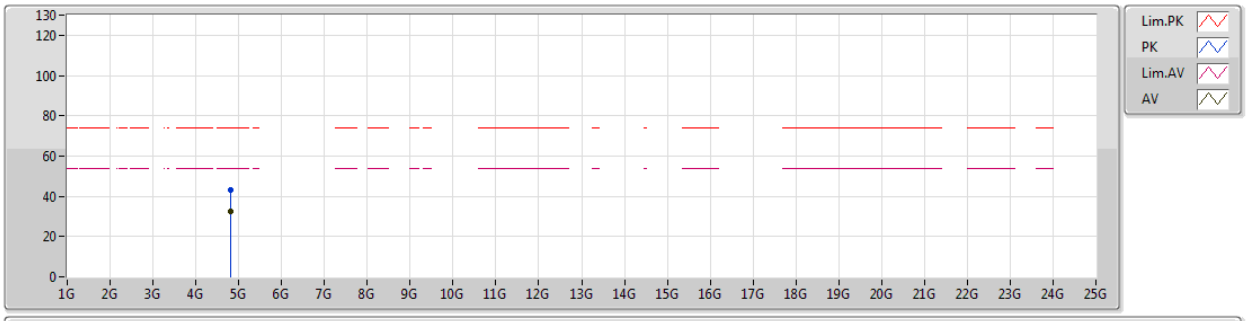


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3852G	48.62	54.00	-5.38	30.76	3	Horizontal	3	1.05	-
AV	2.4092G	108.75	Inf	-Inf	30.85	3	Horizontal	3	1.05	-
PK	2.385G	58.80	74.00	-15.20	30.76	3	Horizontal	3	1.05	-
PK	2.4092G	111.76	Inf	-Inf	30.85	3	Horizontal	3	1.05	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

28/01/2019

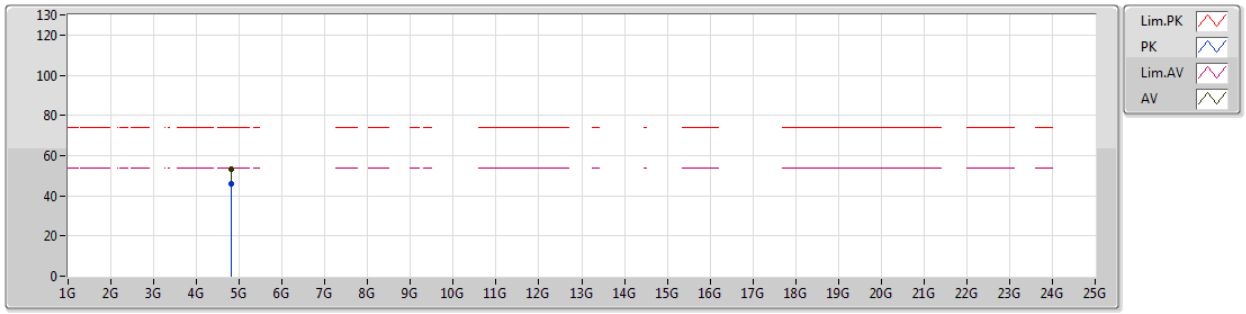


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	32.23	54.00	-21.77	2.13	3	Vertical	70	1.50	-
PK	4.82394G	42.87	74.00	-31.13	2.13	3	Vertical	70	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

28/01/2019

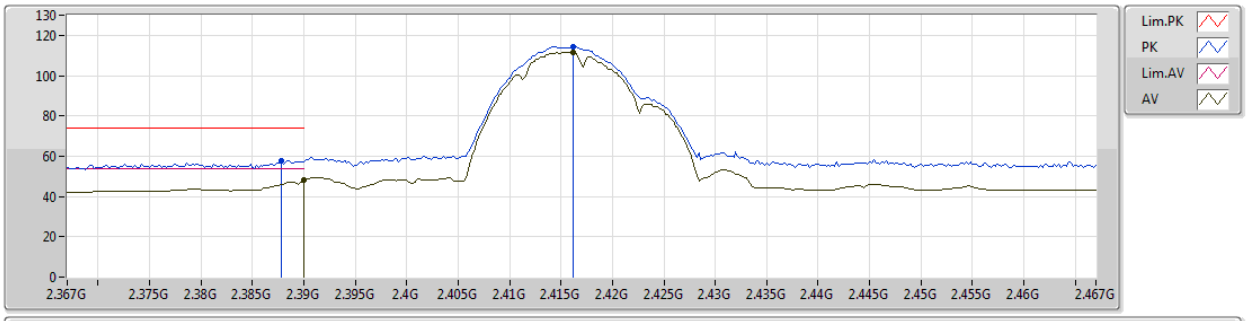


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	53.37	54.00	-0.63	2.13	3	Horizontal	182	1.67	-
PK	4.824G	45.72	74.00	-28.28	2.13	3	Horizontal	182	1.67	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

28/01/2019

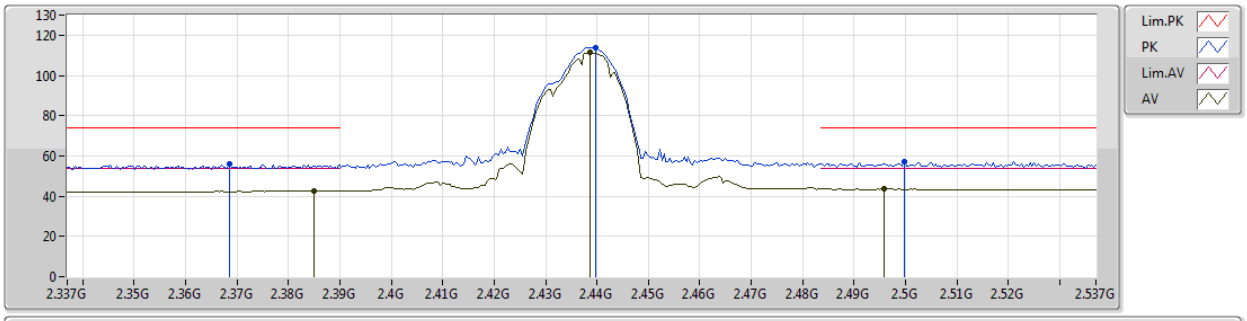


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	48.39	54.00	-5.61	30.77	3	Horizontal	351	2.86	-
AV	2.4162G	111.50	Inf	-Inf	30.87	3	Horizontal	351	2.86	-
PK	2.3878G	57.83	74.00	-16.17	30.77	3	Horizontal	351	2.86	-
PK	2.4162G	114.30	Inf	-Inf	30.87	3	Horizontal	351	2.86	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

28/01/2019

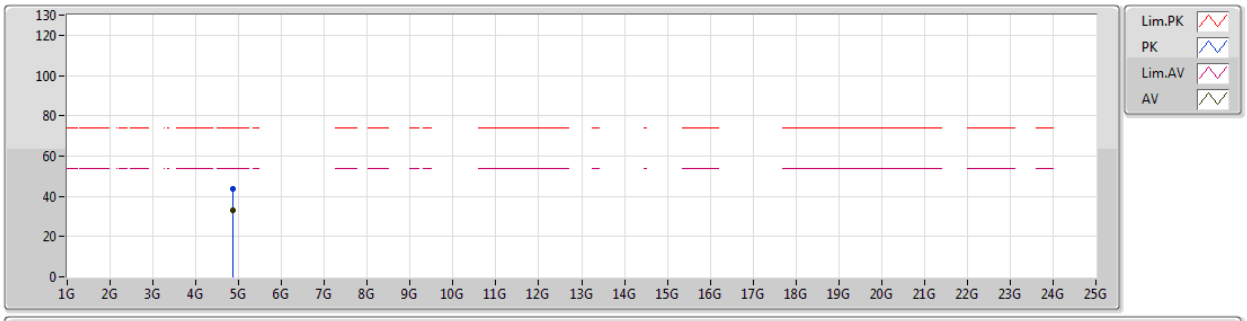


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.385G	42.69	54.00	-11.31	30.76	3	Horizontal	355	2.77	-
AV	2.4386G	111.73	Inf	-Inf	30.95	3	Horizontal	355	2.77	-
AV	2.4958G	43.84	54.00	-10.16	31.16	3	Horizontal	355	2.77	-
PK	2.3686G	55.80	74.00	-18.20	30.70	3	Horizontal	355	2.77	-
PK	2.4398G	113.89	Inf	-Inf	30.95	3	Horizontal	355	2.77	-
PK	2.4998G	57.22	74.00	-16.78	31.17	3	Horizontal	355	2.77	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

28/01/2019

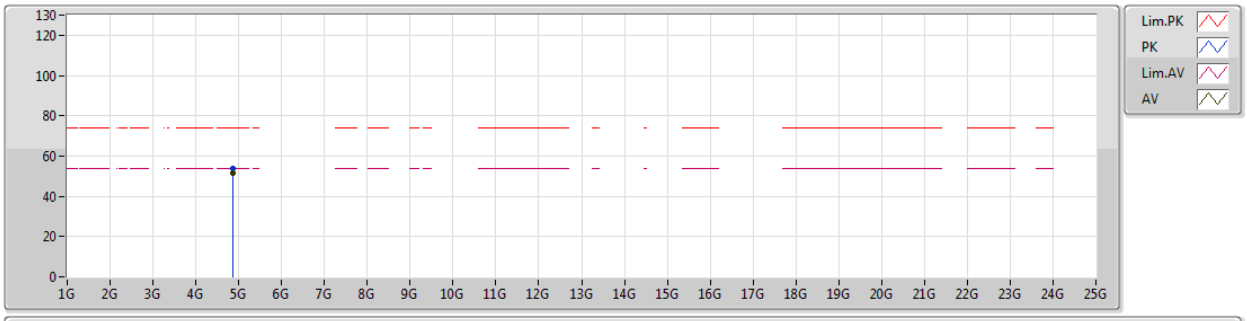


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	33.04	54.00	-20.96	2.25	3	Vertical	63	1.62	-
PK	4.87394G	43.93	74.00	-30.07	2.25	3	Vertical	63	1.62	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

28/01/2019

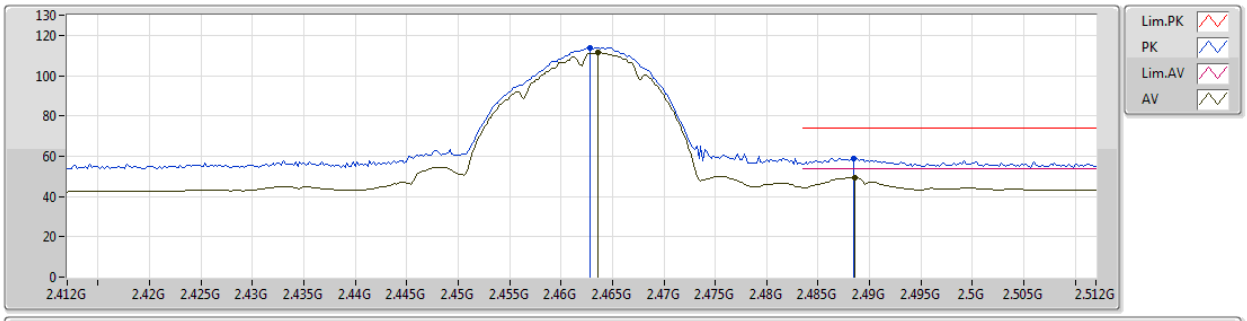


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	51.75	54.00	-2.25	2.25	3	Horizontal	183	1.77	-
PK	4.87388G	53.87	74.00	-20.13	2.25	3	Horizontal	183	1.77	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

28/01/2019

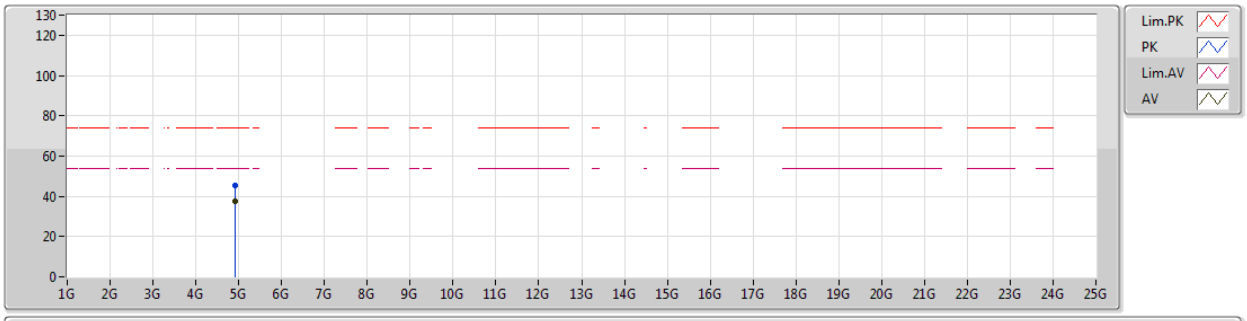


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4636G	111.32	Inf	-Inf	31.04	3	Horizontal	189	2.99	-
AV	2.4886G	49.36	54.00	-4.64	31.13	3	Horizontal	189	2.99	-
PK	2.4628G	113.93	Inf	-Inf	31.04	3	Horizontal	189	2.99	-
PK	2.4884G	58.81	74.00	-15.19	31.13	3	Horizontal	189	2.99	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

28/01/2019

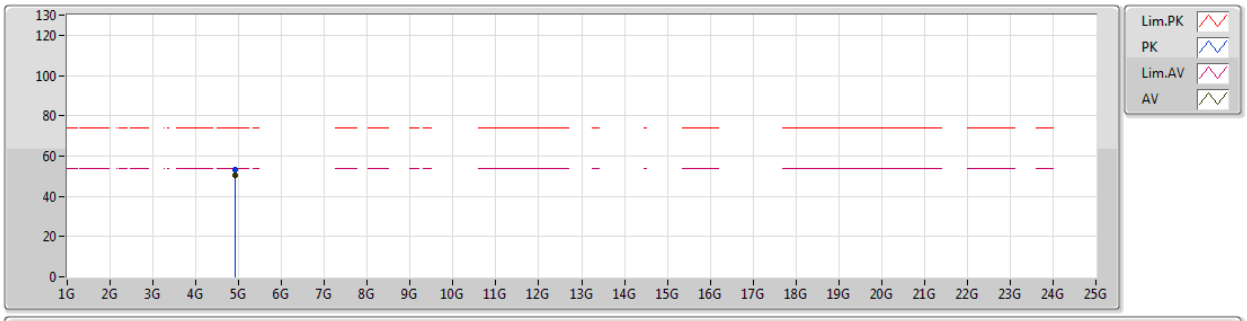


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	37.57	54.00	-16.43	2.38	3	Vertical	13	2.87	-
PK	4.92394G	45.35	74.00	-28.65	2.38	3	Vertical	13	2.87	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

28/01/2019

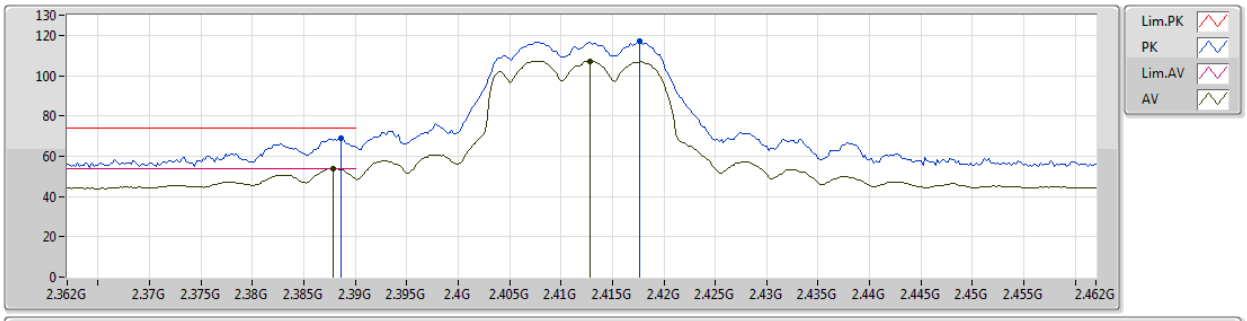


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	50.50	54.00	-3.50	2.38	3	Horizontal	175	1.42	-
PK	4.92394G	53.22	74.00	-20.78	2.38	3	Horizontal	175	1.42	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

28/01/2019

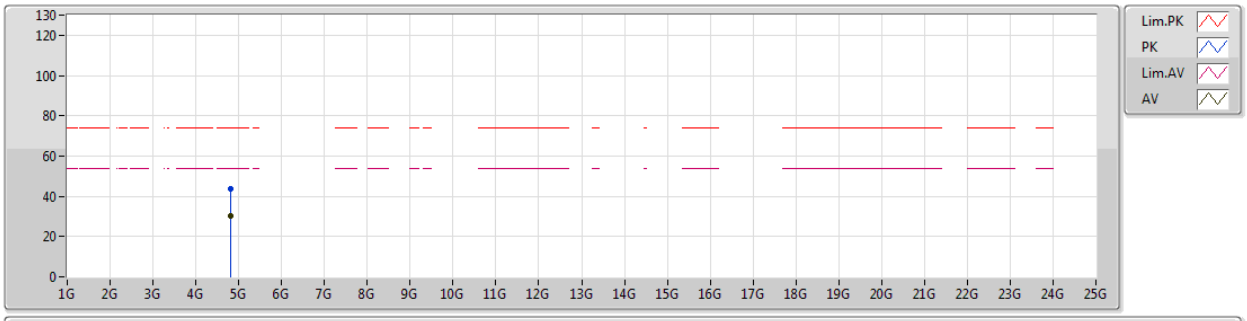


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	53.89	54.00	-0.11	30.77	3	Horizontal	355	1.00	-
AV	2.4128G	107.18	Inf	-Inf	30.86	3	Horizontal	355	1.00	-
PK	2.3886G	68.77	74.00	-5.23	30.77	3	Horizontal	355	1.00	-
PK	2.4176G	117.13	Inf	-Inf	30.87	3	Horizontal	355	1.00	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

28/01/2019

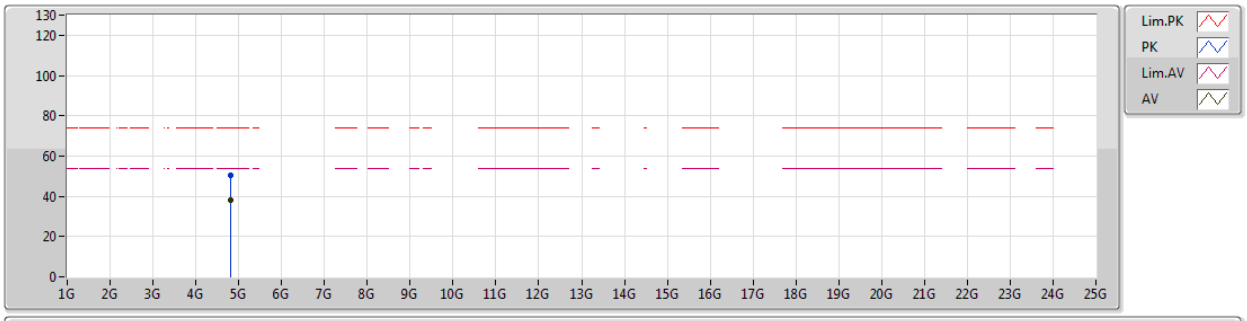


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.801G	30.15	54.00	-23.85	2.07	3	Vertical	45	1.50	-
PK	4.8G	43.57	74.00	-30.43	2.07	3	Vertical	45	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

28/01/2019

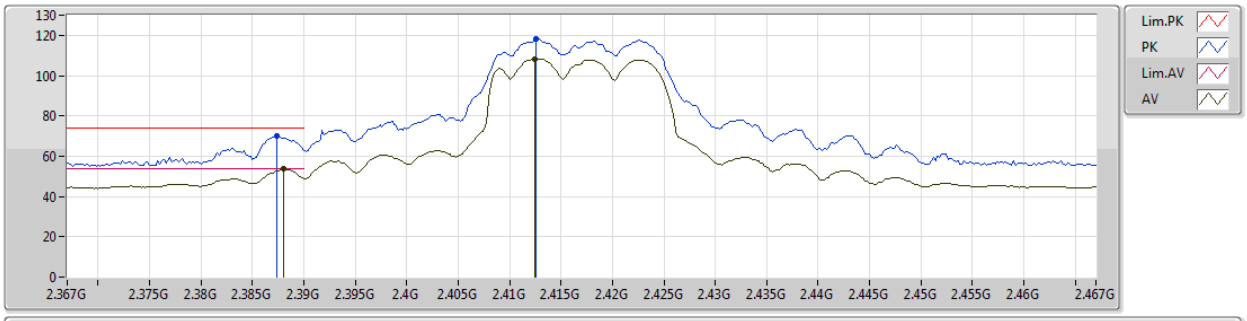


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	38.36	54.00	-15.64	2.13	3	Horizontal	172	1.39	-
PK	4.824G	50.54	74.00	-23.46	2.13	3	Horizontal	172	1.39	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

28/01/2019

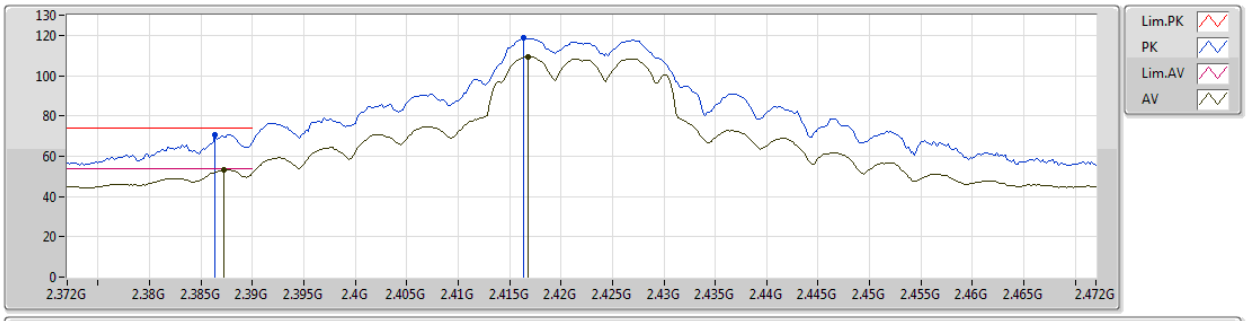


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.388G	53.57	54.00	-0.43	30.77	3	Horizontal	351	1.01	-
AV	2.4124G	108.42	Inf	-Inf	30.85	3	Horizontal	351	1.01	-
PK	2.3874G	69.88	74.00	-4.12	30.76	3	Horizontal	351	1.01	-
PK	2.4126G	118.08	Inf	-Inf	30.86	3	Horizontal	351	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

28/01/2019

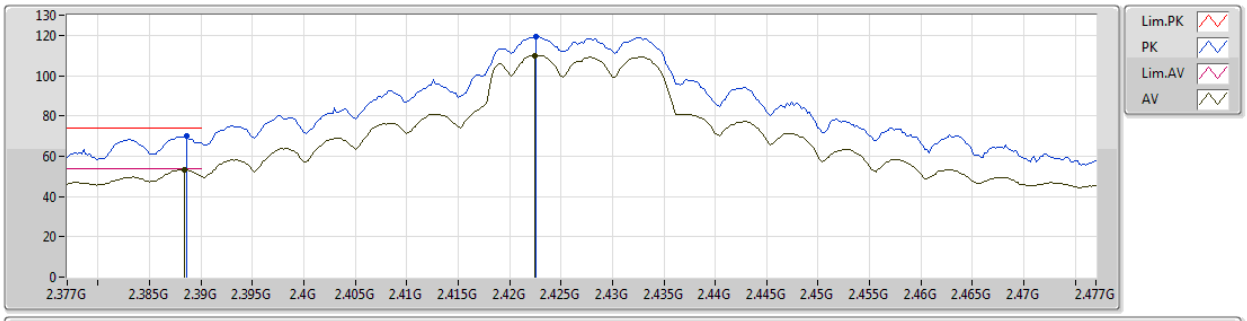


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3872G	53.47	54.00	-0.53	30.76	3	Horizontal	348	1.78	-
AV	2.4168G	109.49	Inf	-Inf	30.87	3	Horizontal	348	1.78	-
PK	2.3864G	70.62	74.00	-3.38	30.76	3	Horizontal	348	1.78	-
PK	2.4164G	118.76	Inf	-Inf	30.87	3	Horizontal	348	1.78	-

802.11g_Nss1,(6Mbps)_2TX

2427MHz_TX

28/01/2019

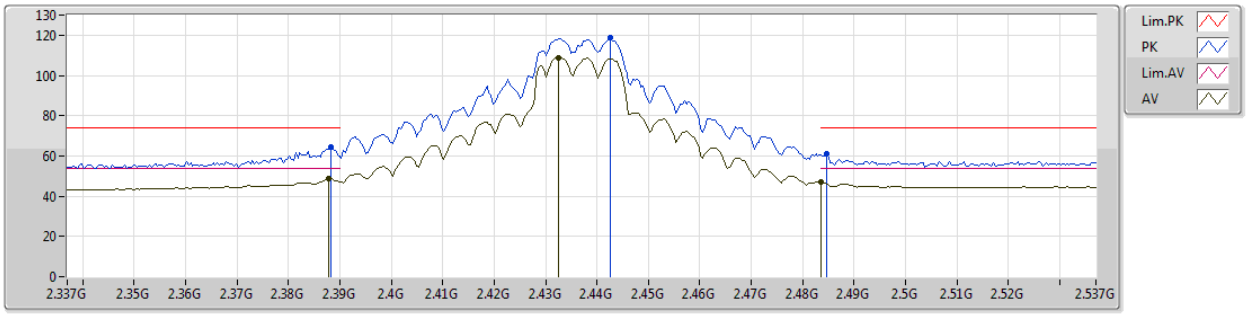


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3884G	53.28	54.00	-0.72	30.77	3	Horizontal	353	1.01	-
AV	2.4224G	110.03	Inf	-Inf	30.89	3	Horizontal	353	1.01	-
PK	2.3886G	69.96	74.00	-4.04	30.77	3	Horizontal	353	1.01	-
PK	2.4226G	119.53	Inf	-Inf	30.89	3	Horizontal	353	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

28/01/2019

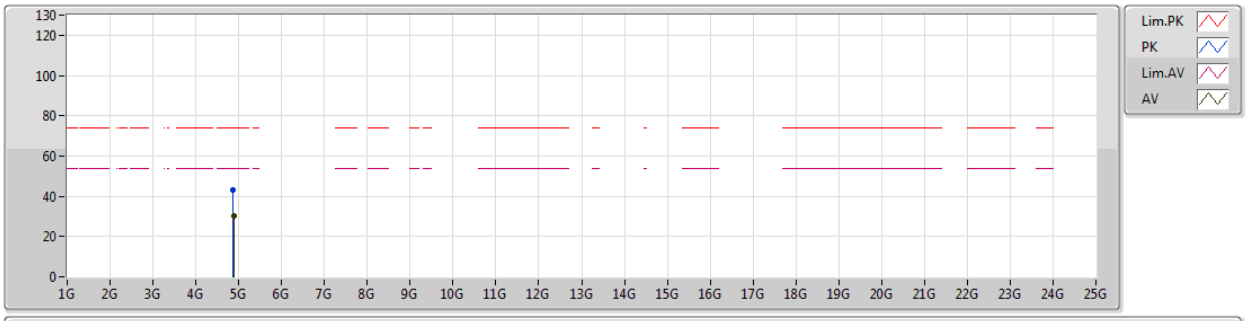


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	48.72	54.00	-5.28	30.77	3	Horizontal	359	1.01	-
AV	2.4326G	108.97	Inf	-Inf	30.93	3	Horizontal	359	1.01	-
AV	2.4835G	47.00	54.00	-7.00	31.11	3	Horizontal	359	1.01	-
PK	2.3882G	64.36	74.00	-9.64	30.77	3	Horizontal	359	1.01	-
PK	2.4426G	118.59	Inf	-Inf	30.96	3	Horizontal	359	1.01	-
PK	2.4846G	61.14	74.00	-12.86	31.12	3	Horizontal	359	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

28/01/2019

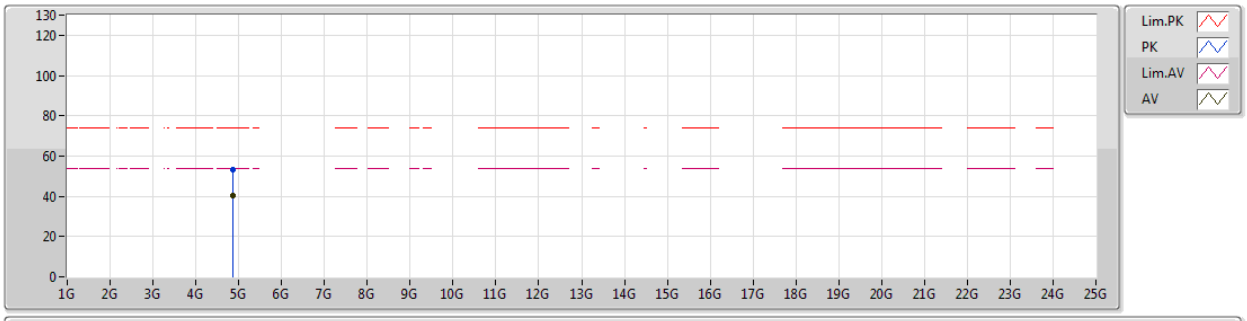


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.88414G	30.13	54.00	-23.87	2.28	3	Vertical	308	1.77	-
PK	4.86806G	43.17	74.00	-30.83	2.24	3	Vertical	308	1.77	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

28/01/2019

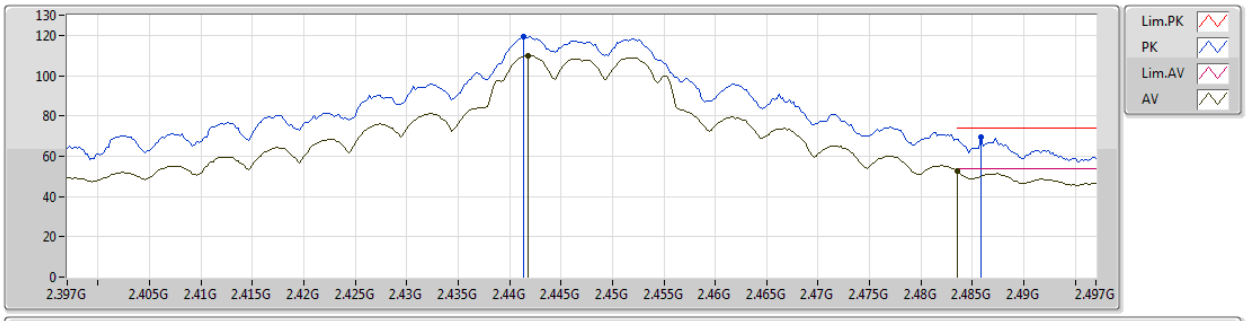


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8743G	40.51	54.00	-13.49	2.25	3	Horizontal	178	1.50	-
PK	4.87448G	53.11	74.00	-20.89	2.25	3	Horizontal	178	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2447MHz_TX

28/01/2019

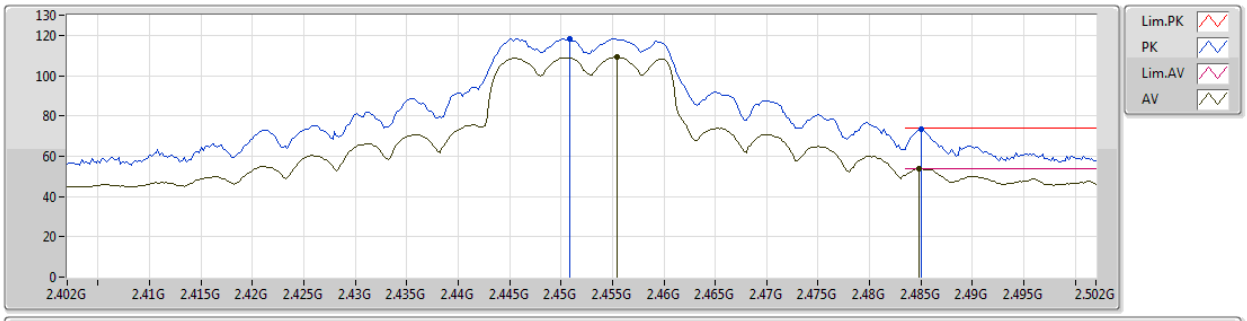


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4418G	110.01	Inf	-Inf	30.96	3	Horizontal	351	1.31	-
AV	2.4835G	52.91	54.00	-1.09	31.11	3	Horizontal	351	1.31	-
PK	2.4414G	119.39	Inf	-Inf	30.96	3	Horizontal	351	1.31	-
PK	2.4858G	69.48	74.00	-4.52	31.12	3	Horizontal	351	1.31	-

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

28/01/2019

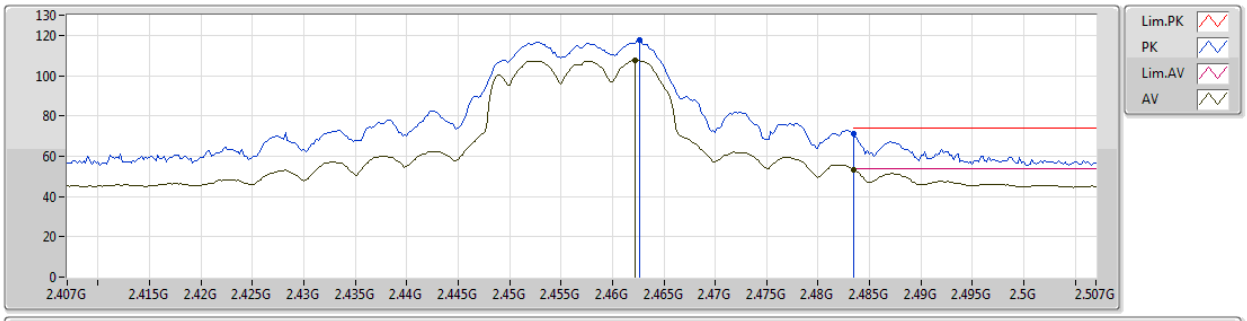


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4554G	109.31	Inf	-Inf	31.01	3	Horizontal	343	2.99	-
AV	2.4848G	53.64	54.00	-0.36	31.12	3	Horizontal	343	2.99	-
PK	2.4508G	118.50	Inf	-Inf	30.99	3	Horizontal	343	2.99	-
PK	2.485G	73.15	74.00	-0.85	31.12	3	Horizontal	343	2.99	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

28/01/2019

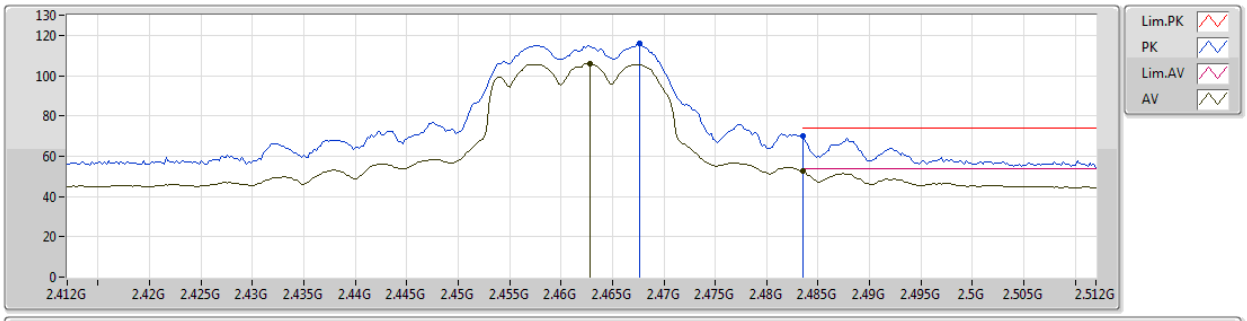


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4622G	107.53	Inf	-Inf	31.03	3	Horizontal	165	1.01	-
AV	2.4835G	53.36	54.00	-0.64	31.11	3	Horizontal	165	1.01	-
PK	2.4626G	117.87	Inf	-Inf	31.04	3	Horizontal	165	1.01	-
PK	2.4835G	70.96	74.00	-3.04	31.11	3	Horizontal	165	1.01	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

28/01/2019

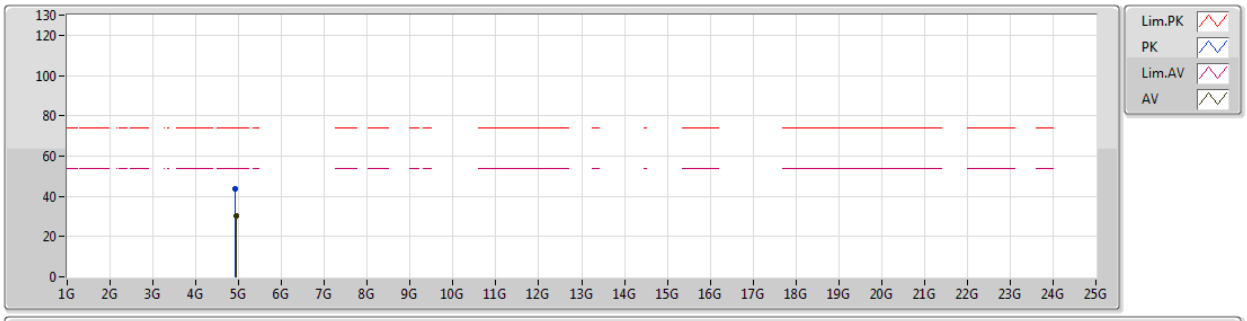


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4628G	105.79	Inf	-Inf	31.04	3	Horizontal	167	1.02	-
AV	2.4835G	52.53	54.00	-1.47	31.11	3	Horizontal	167	1.02	-
PK	2.4676G	116.16	Inf	-Inf	31.05	3	Horizontal	167	1.02	-
PK	2.4835G	70.01	74.00	-3.99	31.11	3	Horizontal	167	1.02	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

28/01/2019

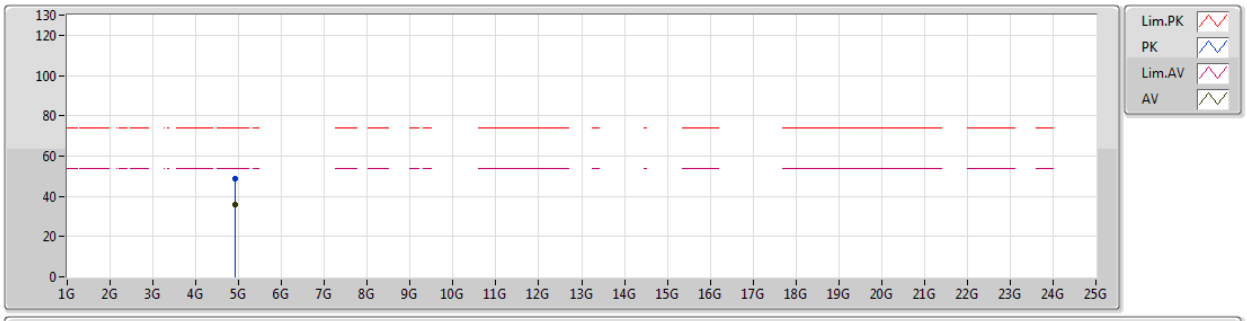


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.93834G	30.43	54.00	-23.57	2.42	3	Vertical	186	1.89	-
PK	4.9105G	43.62	74.00	-30.38	2.35	3	Vertical	186	1.89	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

28/01/2019

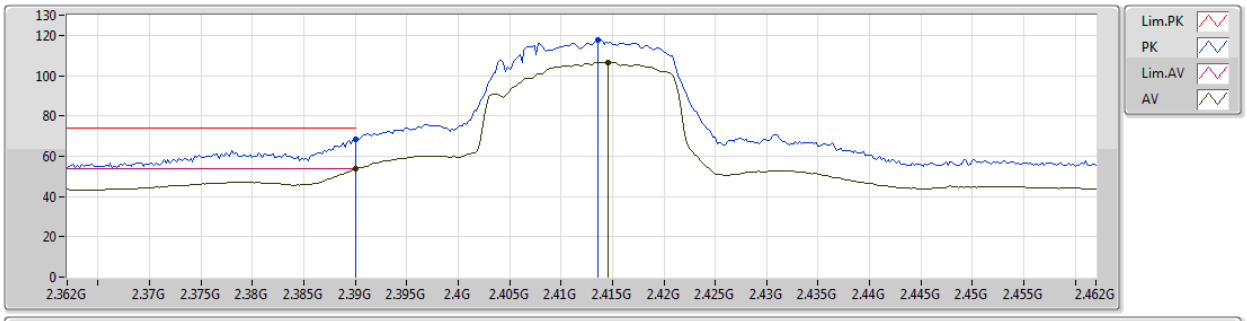


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92178G	36.10	54.00	-17.90	2.37	3	Horizontal	354	2.48	-
PK	4.92622G	48.55	74.00	-25.45	2.39	3	Horizontal	354	2.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

28/01/2019

2412MHz_TX

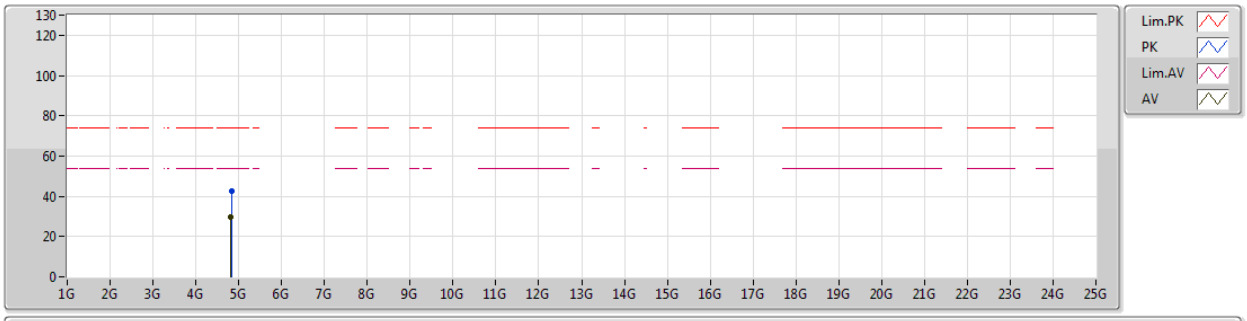


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.56	54.00	-0.44	30.77	3	Horizontal	354	1.00	-
AV	2.4146G	106.43	Inf	-Inf	30.86	3	Horizontal	354	1.00	-
PK	2.39G	68.24	74.00	-5.76	30.77	3	Horizontal	354	1.00	-
PK	2.4136G	117.76	Inf	-Inf	30.86	3	Horizontal	354	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

28/01/2019

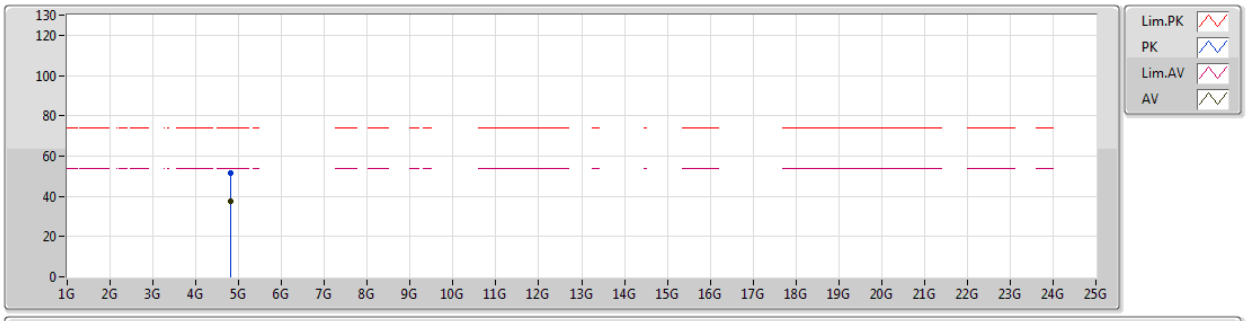


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8101G	29.61	54.00	-24.39	2.10	3	Vertical	56	2.98	-
PK	4.8289G	42.42	74.00	-31.58	2.15	3	Vertical	56	2.98	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2412MHz_TX

28/01/2019

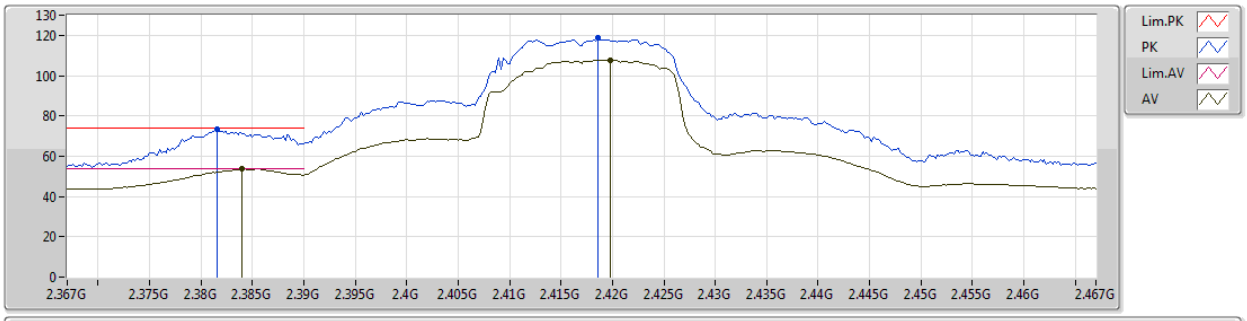


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82394G	37.73	54.00	-16.27	2.13	3	Horizontal	170	1.80	-
PK	4.8222G	51.80	74.00	-22.20	2.13	3	Horizontal	170	1.80	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2417MHz_TX

28/01/2019

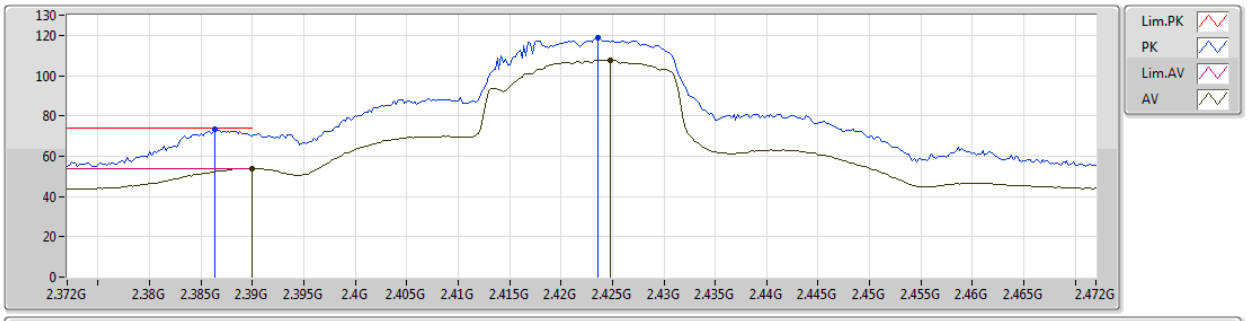


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.384G	53.63	54.00	-0.37	30.76	3	Horizontal	349	1.01	-
AV	2.4198G	107.84	Inf	-Inf	30.89	3	Horizontal	349	1.01	-
PK	2.3816G	73.24	74.00	-0.76	30.75	3	Horizontal	349	1.01	-
PK	2.4186G	118.76	Inf	-Inf	30.87	3	Horizontal	349	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2422MHz_TX

28/01/2019

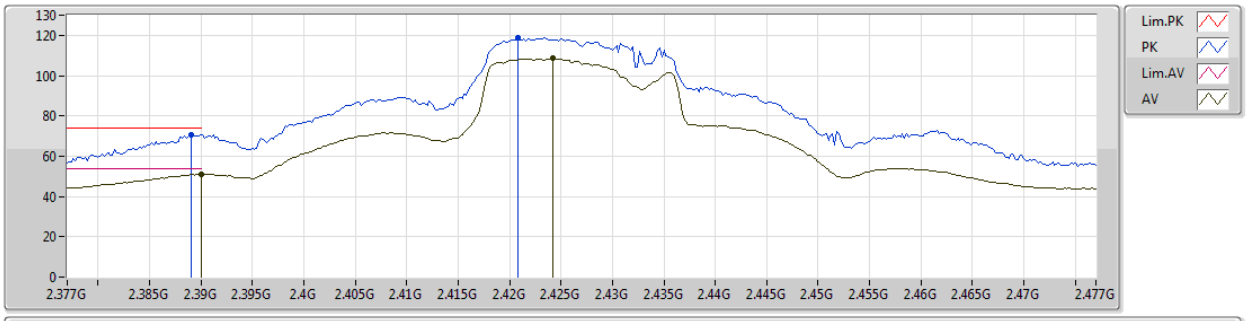


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.89	54.00	-0.11	30.77	3	Horizontal	348	1.01	-
AV	2.4248G	107.59	Inf	-Inf	30.90	3	Horizontal	348	1.01	-
PK	2.3864G	73.29	74.00	-0.71	30.76	3	Horizontal	348	1.01	-
PK	2.4236G	118.73	Inf	-Inf	30.90	3	Horizontal	348	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2427MHz_TX

28/01/2019

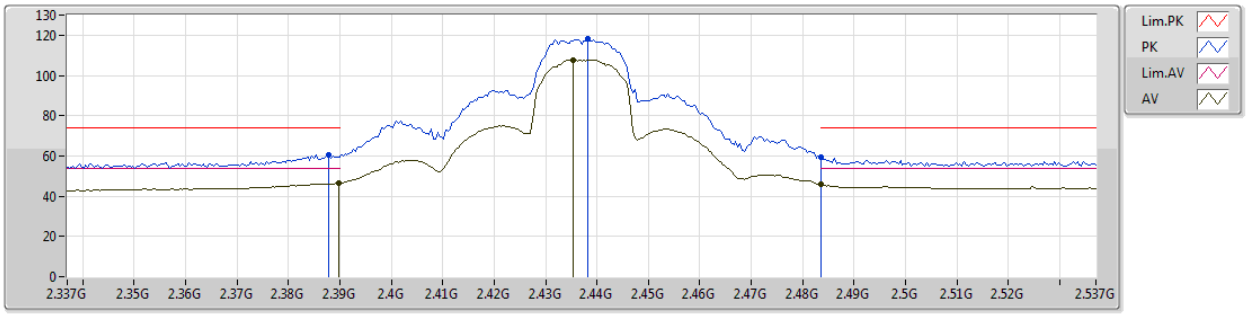


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	50.94	54.00	-3.06	30.77	3	Horizontal	335	2.52	-
AV	2.4242G	108.44	Inf	-Inf	30.90	3	Horizontal	335	2.52	-
PK	2.389G	70.39	74.00	-3.61	30.77	3	Horizontal	335	2.52	-
PK	2.4208G	118.64	Inf	-Inf	30.89	3	Horizontal	335	2.52	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

28/01/2019

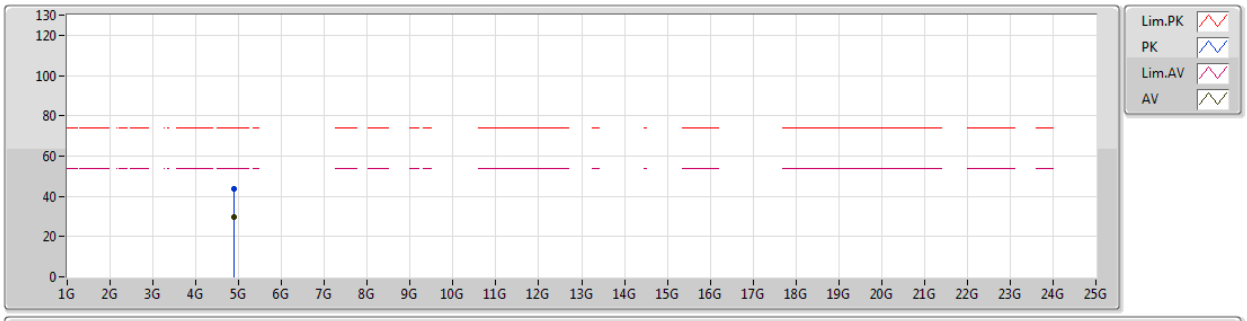


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	46.37	54.00	-7.63	30.77	3	Horizontal	354	1.50	-
AV	2.4354G	107.64	Inf	-Inf	30.94	3	Horizontal	354	1.50	-
AV	2.4835G	45.76	54.00	-8.24	31.11	3	Horizontal	354	1.50	-
PK	2.3878G	60.69	74.00	-13.31	30.77	3	Horizontal	354	1.50	-
PK	2.4382G	118.07	Inf	-Inf	30.95	3	Horizontal	354	1.50	-
PK	2.4835G	59.40	74.00	-14.60	31.11	3	Horizontal	354	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

28/01/2019

2437MHz_TX

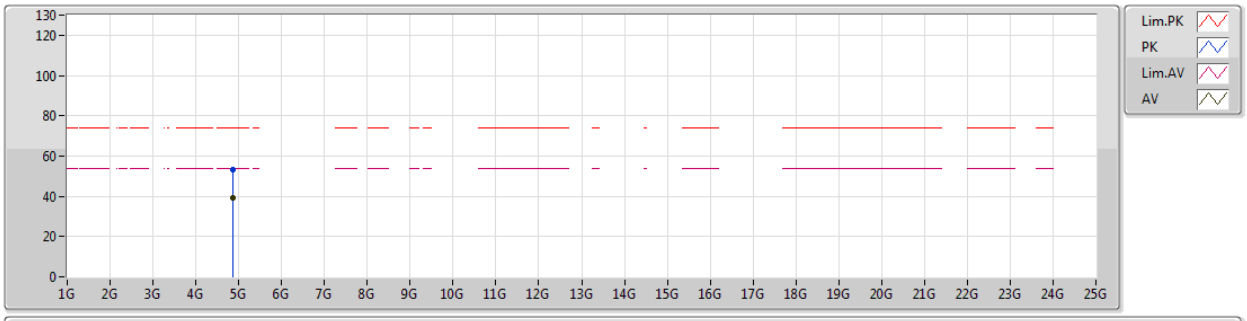


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.88552G	29.90	54.00	-24.10	2.29	3	Vertical	353	1.56	-
PK	4.8824G	43.49	74.00	-30.51	2.27	3	Vertical	353	1.56	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2437MHz_TX

28/01/2019

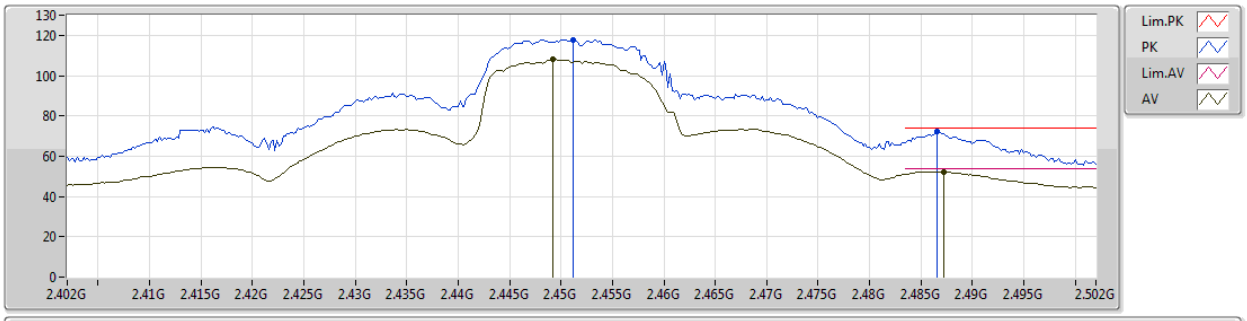


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87406G	39.43	54.00	-14.57	2.25	3	Horizontal	170	1.77	-
PK	4.87196G	53.36	74.00	-20.64	2.25	3	Horizontal	170	1.77	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2452MHz_TX

28/01/2019

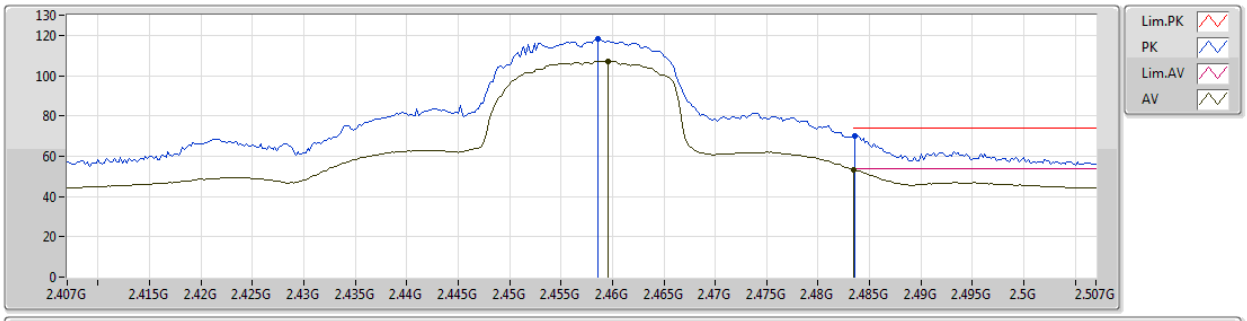


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4492G	107.94	Inf	-Inf	30.99	3	Horizontal	349	1.50	-
AV	2.4872G	52.23	54.00	-1.77	31.12	3	Horizontal	349	1.50	-
PK	2.4512G	117.84	Inf	-Inf	30.99	3	Horizontal	349	1.50	-
PK	2.4866G	72.17	74.00	-1.83	31.12	3	Horizontal	349	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2457MHz_TX

28/01/2019

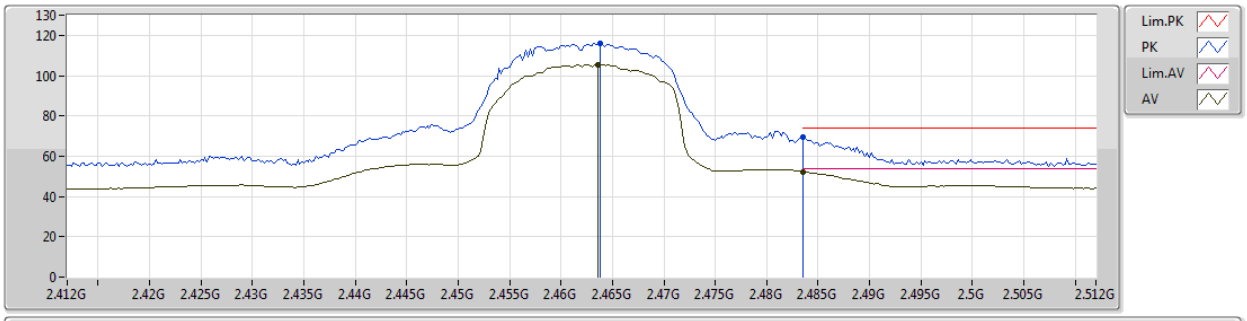


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4596G	107.08	Inf	-Inf	31.03	3	Horizontal	165	1.01	-
AV	2.4835G	53.24	54.00	-0.76	31.11	3	Horizontal	165	1.01	-
PK	2.4586G	118.42	Inf	-Inf	31.02	3	Horizontal	165	1.01	-
PK	2.4836G	70.17	74.00	-3.83	31.11	3	Horizontal	165	1.01	-

802.11ac VHT20_Nss1,(MCS0)_2TX

28/01/2019

2462MHz_TX

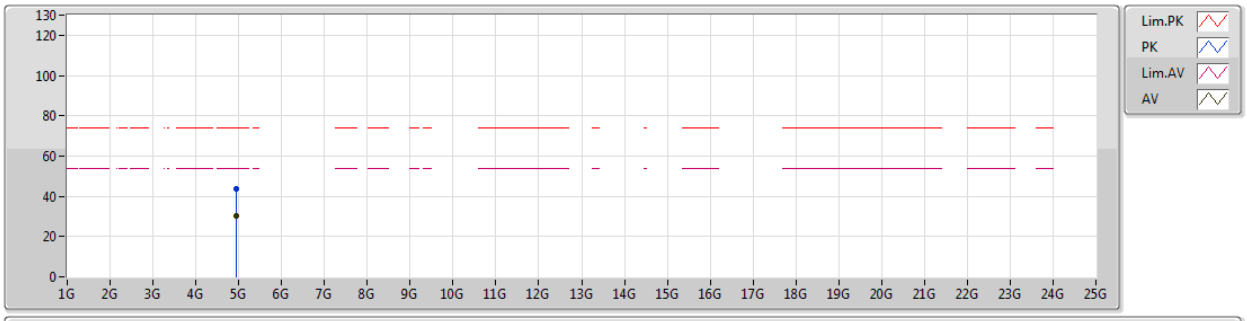


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4636G	105.29	Inf	-Inf	31.04	3	Horizontal	178	1.00	-
AV	2.4835G	52.18	54.00	-1.82	31.11	3	Horizontal	178	1.00	-
PK	2.4638G	116.21	Inf	-Inf	31.04	3	Horizontal	178	1.00	-
PK	2.4835G	69.33	74.00	-4.67	31.11	3	Horizontal	178	1.00	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

28/01/2019

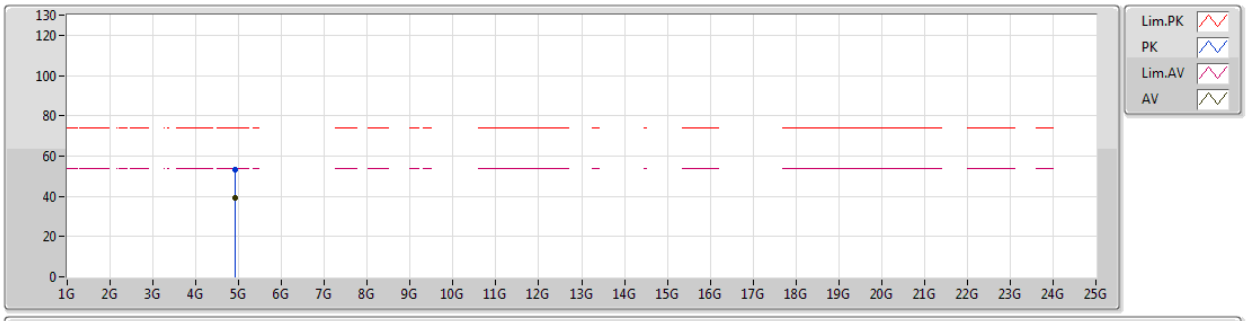


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.93228G	30.09	54.00	-23.91	2.40	3	Vertical	1	1.50	-
PK	4.93132G	43.72	74.00	-30.28	2.40	3	Vertical	1	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

2462MHz_TX

28/01/2019

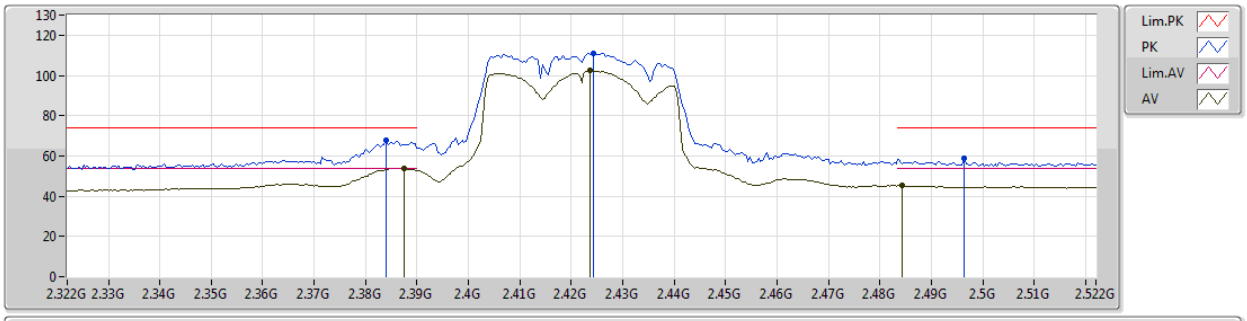


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92382G	38.96	54.00	-15.04	2.38	3	Horizontal	354	1.39	-
PK	4.92322G	53.12	74.00	-20.88	2.38	3	Horizontal	354	1.39	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/01/2019

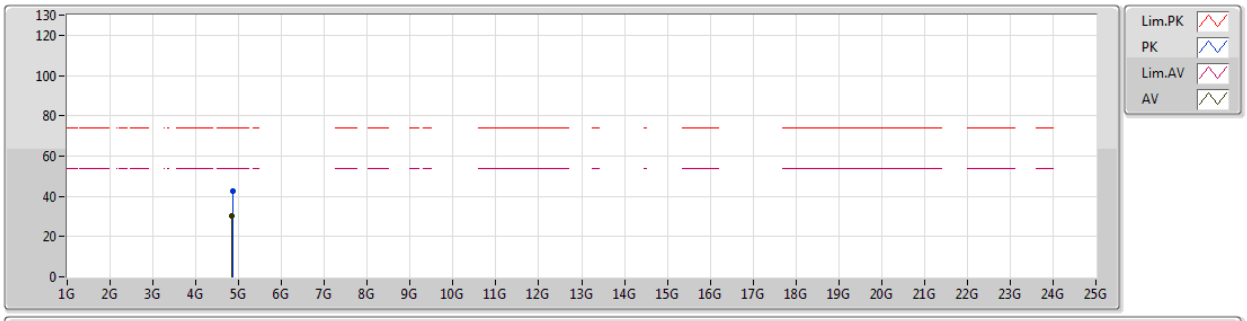


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3876G	53.90	54.00	-0.10	30.77	3	Horizontal	355	1.01	-
AV	2.4236G	102.46	Inf	-Inf	30.90	3	Horizontal	355	1.01	-
AV	2.4844G	45.29	54.00	-8.71	31.12	3	Horizontal	355	1.01	-
PK	2.384G	67.71	74.00	-6.29	30.76	3	Horizontal	355	1.01	-
PK	2.4244G	111.16	Inf	-Inf	30.90	3	Horizontal	355	1.01	-
PK	2.4964G	58.78	74.00	-15.22	31.16	3	Horizontal	355	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/01/2019

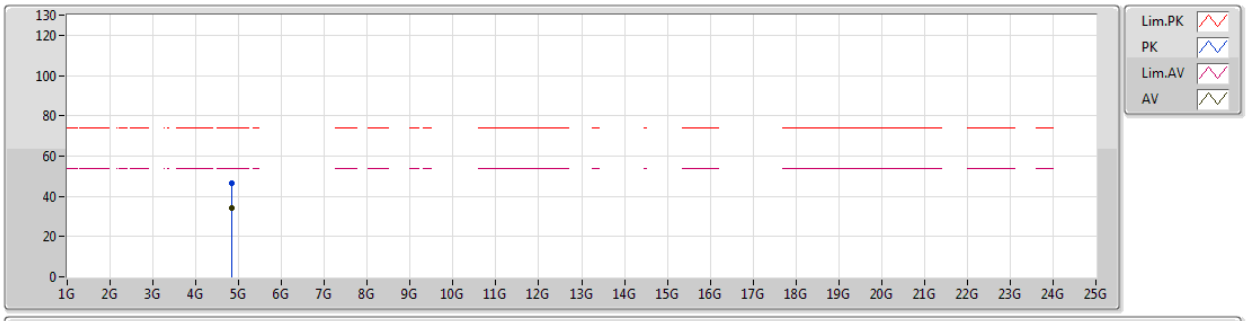


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.83146G	30.00	54.00	-24.00	2.15	3	Vertical	96	1.60	-
PK	4.85378G	42.78	74.00	-31.22	2.21	3	Vertical	96	1.60	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2422MHz_TX

28/01/2019

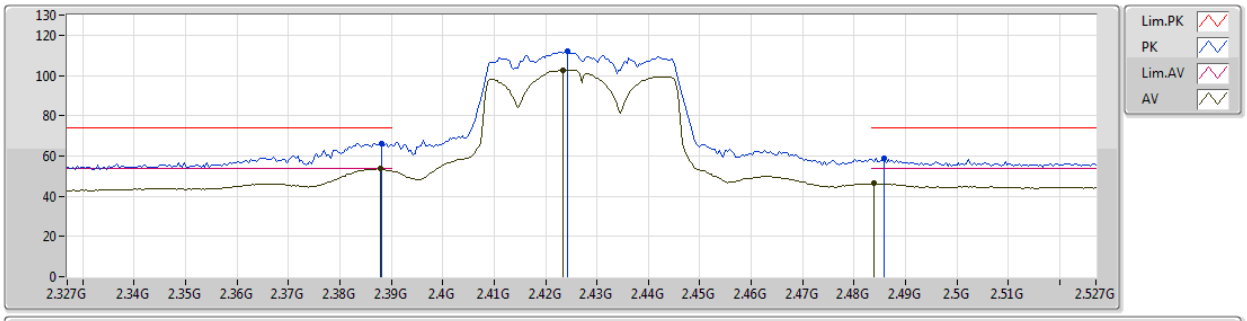


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84376G	34.01	54.00	-19.99	2.18	3	Horizontal	168	1.68	-
PK	4.84478G	46.78	74.00	-27.22	2.18	3	Horizontal	168	1.68	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2427MHz_TX

28/01/2019

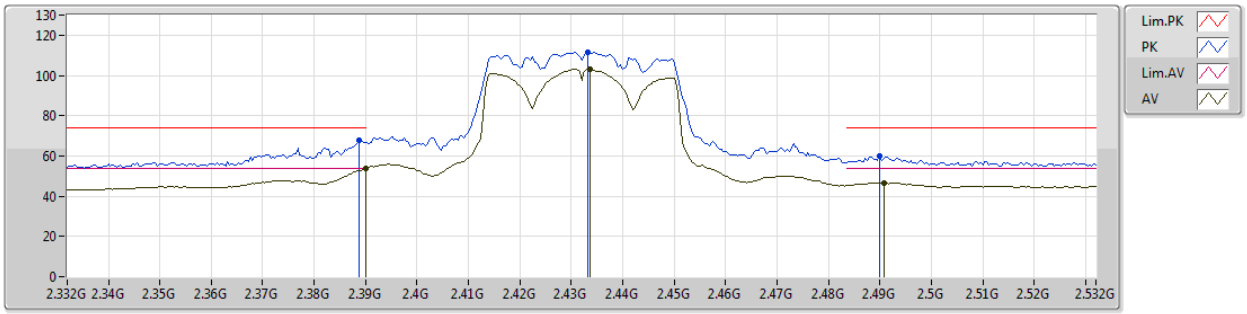


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	53.74	54.00	-0.26	30.77	3	Horizontal	343	2.02	-
AV	2.4234G	102.82	Inf	-Inf	30.90	3	Horizontal	343	2.02	-
AV	2.4838G	46.23	54.00	-7.77	31.11	3	Horizontal	343	2.02	-
PK	2.3882G	66.05	74.00	-7.95	30.77	3	Horizontal	343	2.02	-
PK	2.4242G	112.15	Inf	-Inf	30.90	3	Horizontal	343	2.02	-
PK	2.4858G	59.10	74.00	-14.90	31.12	3	Horizontal	343	2.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2432MHz_TX

28/01/2019

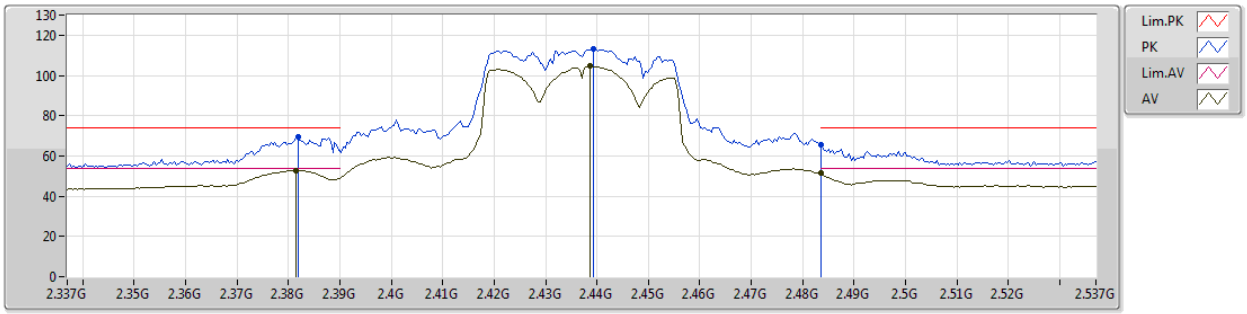


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.88	54.00	-0.12	30.77	3	Horizontal	347	1.50	-
AV	2.4336G	103.10	Inf	-Inf	30.93	3	Horizontal	347	1.50	-
AV	2.4908G	46.68	54.00	-7.32	31.13	3	Horizontal	347	1.50	-
PK	2.3888G	67.61	74.00	-6.39	30.77	3	Horizontal	347	1.50	-
PK	2.4332G	111.54	Inf	-Inf	30.93	3	Horizontal	347	1.50	-
PK	2.49G	59.93	74.00	-14.07	31.13	3	Horizontal	347	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/01/2019

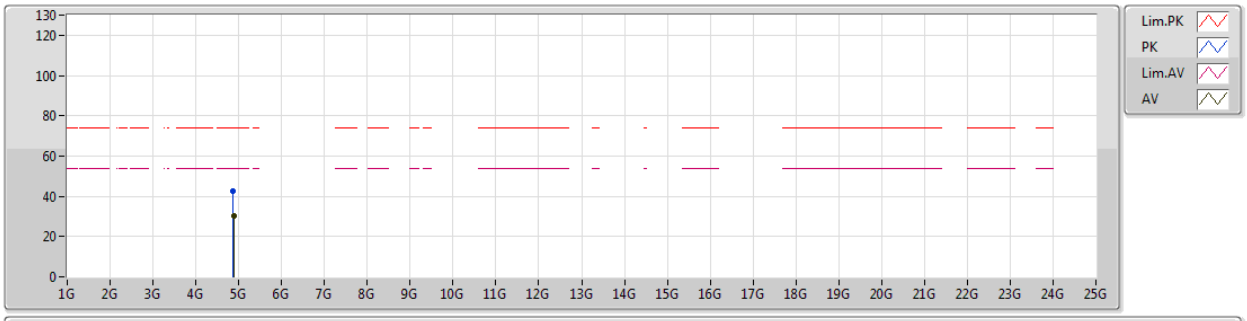


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3814G	52.84	54.00	-1.16	30.75	3	Horizontal	352	1.29	-
AV	2.4386G	104.54	Inf	-Inf	30.95	3	Horizontal	352	1.29	-
AV	2.4835G	51.41	54.00	-2.59	31.11	3	Horizontal	352	1.29	-
PK	2.3818G	69.66	74.00	-4.34	30.75	3	Horizontal	352	1.29	-
PK	2.4394G	113.10	Inf	-Inf	30.95	3	Horizontal	352	1.29	-
PK	2.4835G	65.72	74.00	-8.28	31.11	3	Horizontal	352	1.29	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/01/2019

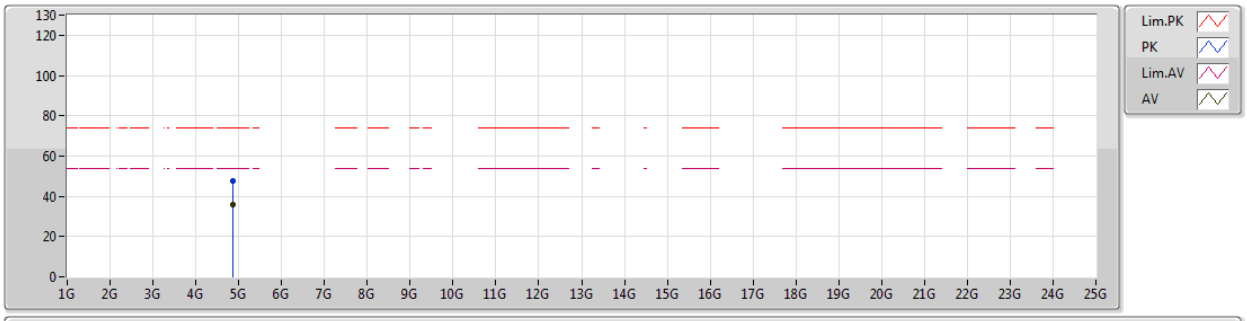


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.88546G	30.10	54.00	-23.90	2.29	3	Vertical	172	1.50	-
PK	4.87532G	42.50	74.00	-31.50	2.26	3	Vertical	172	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2437MHz_TX

28/01/2019

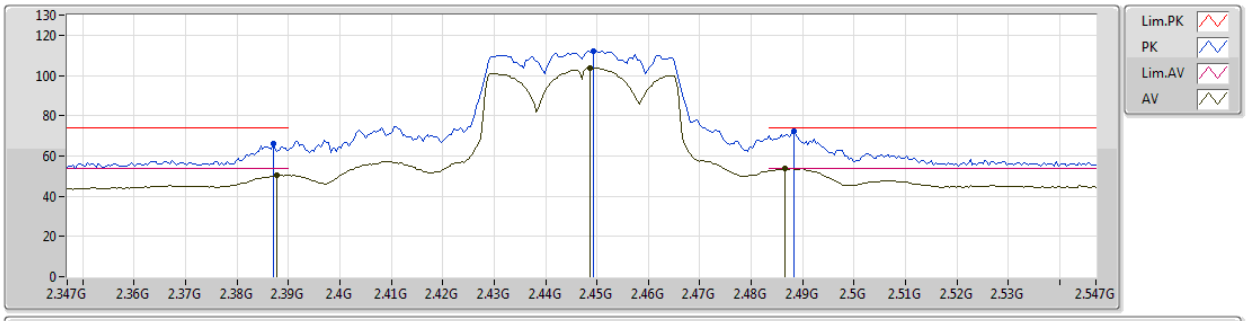


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87388G	35.69	54.00	-18.31	2.25	3	Horizontal	168	1.75	-
PK	4.87418G	47.54	74.00	-26.46	2.25	3	Horizontal	168	1.75	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2447MHz_TX

28/01/2019

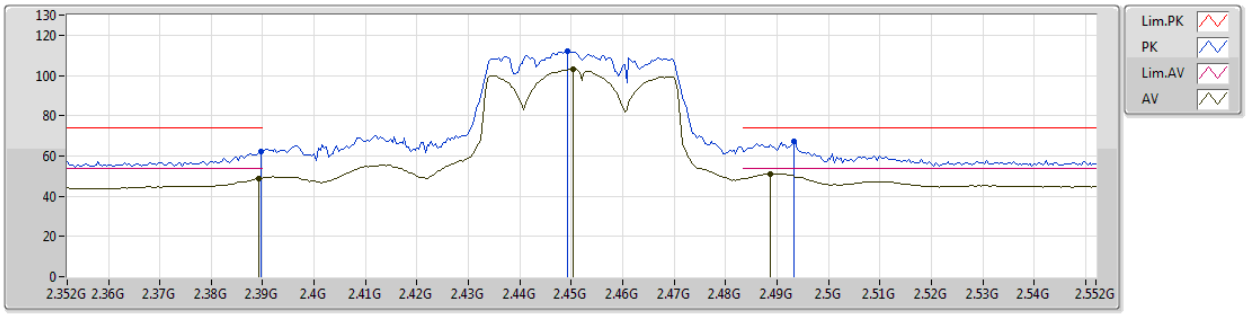


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3878G	50.24	54.00	-3.76	30.77	3	Horizontal	162	1.01	-
AV	2.4486G	103.69	Inf	-Inf	30.99	3	Horizontal	162	1.01	-
AV	2.4866G	53.91	54.00	-0.09	31.12	3	Horizontal	162	1.01	-
PK	2.387G	65.92	74.00	-8.08	30.76	3	Horizontal	162	1.01	-
PK	2.4494G	112.18	Inf	-Inf	30.99	3	Horizontal	162	1.01	-
PK	2.4882G	72.07	74.00	-1.93	31.13	3	Horizontal	162	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/01/2019

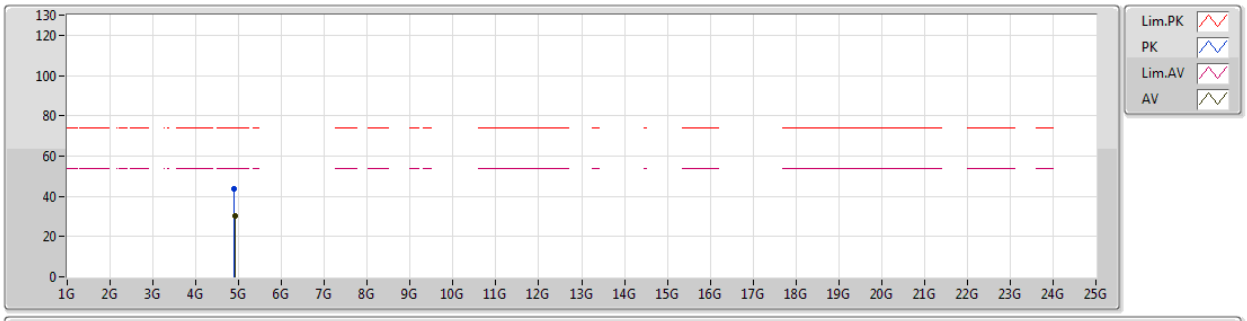


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3892G	48.76	54.00	-5.24	30.77	3	Horizontal	351	1.50	-
AV	2.4504G	103.15	Inf	-Inf	30.99	3	Horizontal	351	1.50	-
AV	2.4888G	51.27	54.00	-2.73	31.13	3	Horizontal	351	1.50	-
PK	2.3896G	62.44	74.00	-11.56	30.77	3	Horizontal	351	1.50	-
PK	2.4492G	112.09	Inf	-Inf	30.99	3	Horizontal	351	1.50	-
PK	2.4932G	67.25	74.00	-6.75	31.14	3	Horizontal	351	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/01/2019

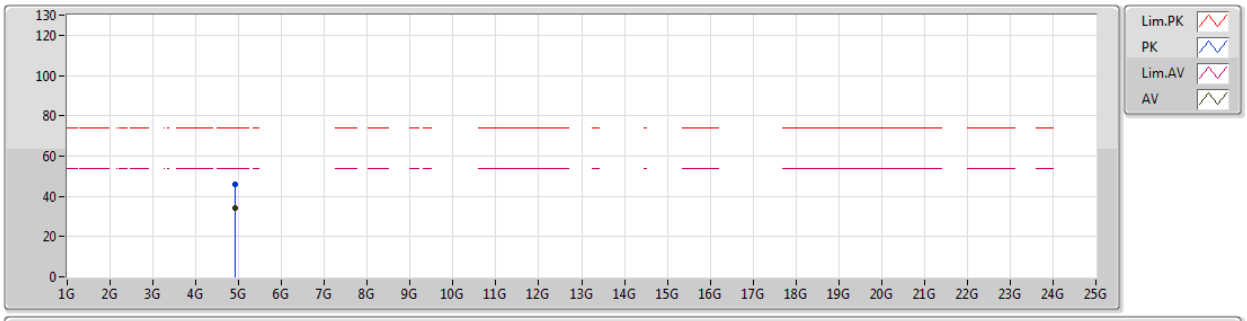


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.91882G	30.18	54.00	-23.82	2.36	3	Vertical	73	1.50	-
PK	4.89482G	43.64	74.00	-30.36	2.31	3	Vertical	73	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

2452MHz_TX

28/01/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90376G	34.22	54.00	-19.78	2.33	3	Horizontal	352	1.50	-
PK	4.90382G	46.16	74.00	-27.84	2.33	3	Horizontal	352	1.50	-