FCC Test Report

FCC ID	:	**Z8H89FT0041**
Equipment	:	**cnPilot e425H Indoor**
Brand Name	:	**Cambium Networks**
Model Name	:	**REG-PL-E425H**
Applicant	:	**Cambium Networks Inc. 3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA**
Manufacturer	:	**Cambium Networks Ltd. Unit B2 Linhay Business Park Eastern Rd Ashburton, Devon TQ13 7UP United Kingdom**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jan. 07, 2019, and testing was started from Feb. 01, 2019 and completed on Mar. 28, 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 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR8D2017AC	01	Initial issue of report	Jun. 18, 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: Jackson Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX(Port 1)
2.4-2.4835GHz	802.11b	20	1TX(Port 2)
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	1TX(Port 1)
2.4-2.4835GHz	802.11g	20	1TX(Port 2)
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

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

1.1.2 Antenna Information

Group	Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	1	-	E425W	PCB Antenna	I-PEX
	2	2	-	E425W	PCB Antenna	I-PEX
2	3	1	-	WPB545	PCB Antenna	I-PEX
	4	2	-	WPB546	PCB Antenna	I-PEX

Group	Ant.	Gain (dBi)		
		2.4G	5G	
			Non-Beamforming	Beamforming
1	1	4.04	4.20	3.01
	2	2.43	4.29	3.01
2	3	3.84	4.00	3.01
	4	2.23	4.08	3.01

Note . The EUT can match with above group 1 or group 2 for using. Higher gain was used to perform the worst configuration and result of that was recorded as the final test result.

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Support diversity function and pretested on each single chain, port 1(Ant. 1 or Ant. 3) and port 2(Ant. 2 or Ant. 4) could transmit/receive.

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

Group 1 or Group 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2(port 2) and it was record in this test report.

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

Ant. 1(port 1) and Ant. 2 (port 2) or Ant. 3 (port 1) and Ant. 4 (port 2) can be used for both transmission and reception.

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	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.965	0.15	2.024m	1k
802.11n HT20	0.975	0.11	1.891m	1k
802.11n HT40	0.963	0.16	931.25u	3k

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

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	TH07-HY	Gary	23.3~23.9°C / 63~65%	12/Feb/2019~28/Mar/2019
Radiated	03CH02-HY	Tim	22.9~24°C / 51.8~52.6%	01/Feb/2019~28/Mar/2019
AC Conduction	CO04-HY	Lego	21.5~22.3°C / 58~62%	14/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	56V

2.2 Test Channel Mode

Test Software	Dos

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	21
2417MHz	23
2437MHz	30
2457MHz	23
2462MHz	22
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	16.5
2417MHz	18
2437MHz	18
2462MHz	20.5
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	17.5
2417MHz	18.5
2437MHz	19
2457MHz	19
2462MHz	18.5
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	18
2417MHz	19
2437MHz	31.5
2457MHz	18.5
2462MHz	17.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	20
2417MHz	21.5

Mode	PowerSetting
2437MHz	21.5
2457MHz	21.5
2462MHz	20.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5
2437MHz	17.5
2462MHz	17.5
802.11n HT20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	18
2437MHz	20
2457MHz	19
2462MHz	17
802.11n HT40_Nss1,(MCS0)_2TX	-
2422MHz	15.5
2427MHz	16.5
2437MHz	16.5
2452MHz	16.5

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA8D2017 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	PP13S	-
2	Client	-	-	-
3	Notebook	ACER	JAL90	-
4	PoE	Cambium Networks	NET-P30-56IN	-

Note.Support equipment No.2,3,4 was provided by customer.

Support Equipment - RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	-
2	Adapter for NB	DELL	HA65NM130	-
3	Notebook	ACER	-	-
4	AC Power Source	GW	APS-9102	-
5	PoE	Cambium Networks	NET-P30-56IN	-

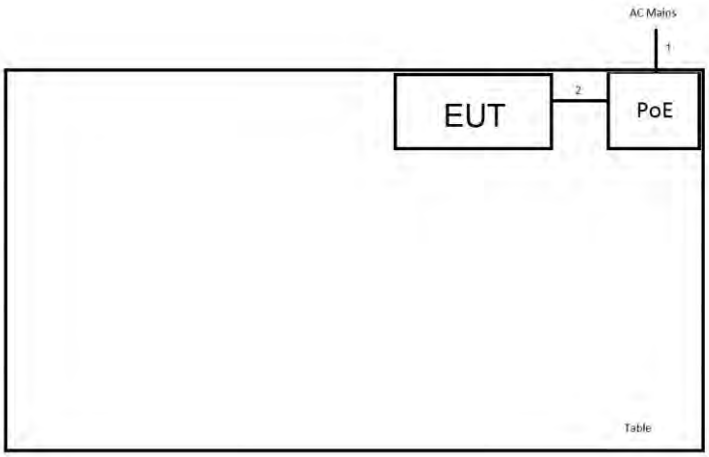
Note.Support equipment No. 3,5 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	PP13S	-
2	Client	-	-	-
3	Notebook	ACER	JAL90	-
4	PoE	Cambium Networks	NET-P30-56IN	-

Note.Support equipment No.2,3,4 was provided by customer.

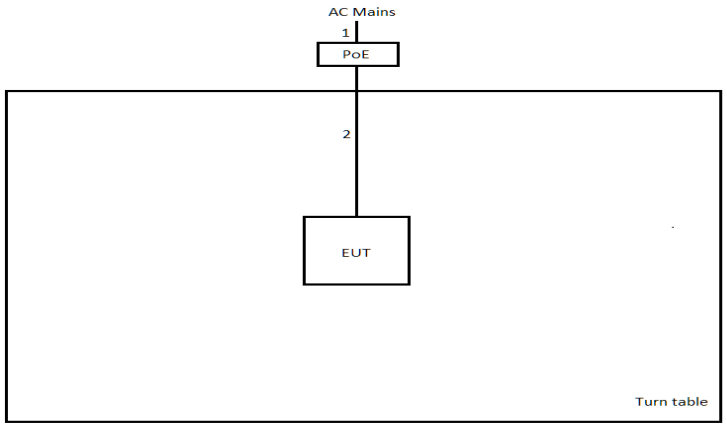
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	LAN cable	No	1.2	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	LAN cable	No	10	-

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

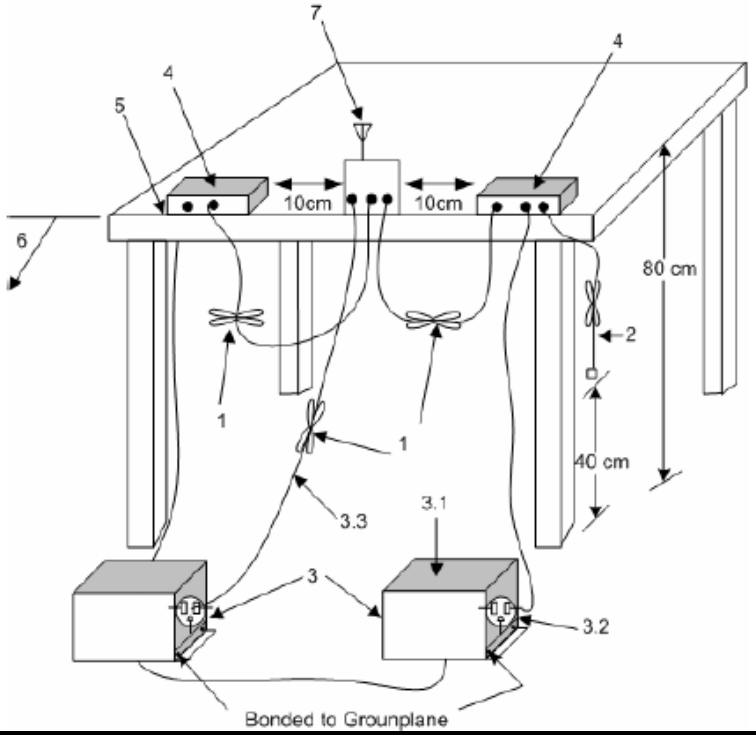
Refer a test equipment and calibration data table in this test report.

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.

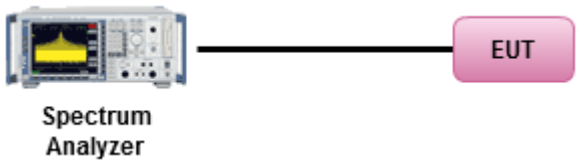
3.2.2 Measuring Instruments

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 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

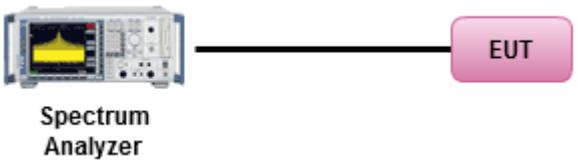
3.4.2 Measuring Instruments

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.	

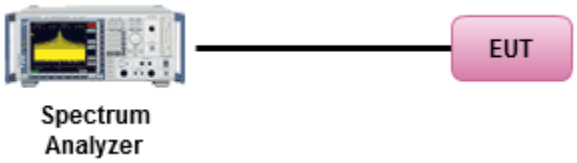
3.5.2 Measuring Instruments

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.

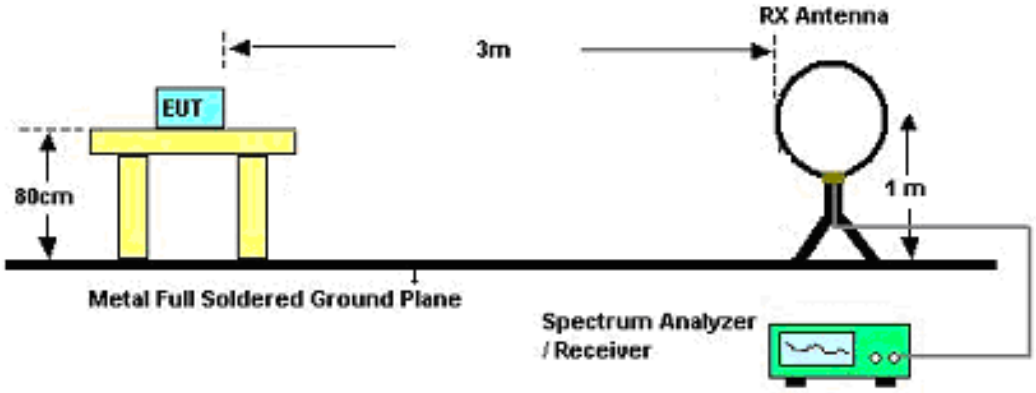
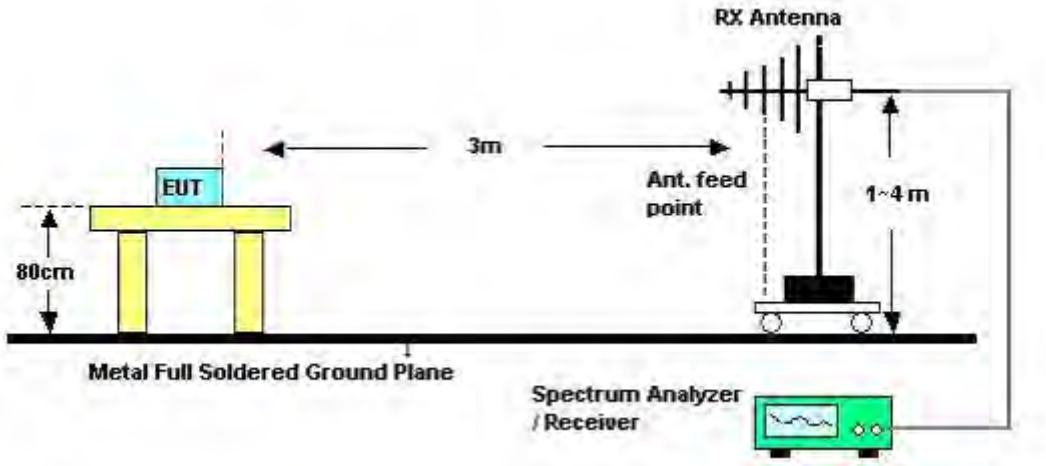
3.6.2 Measuring Instruments

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

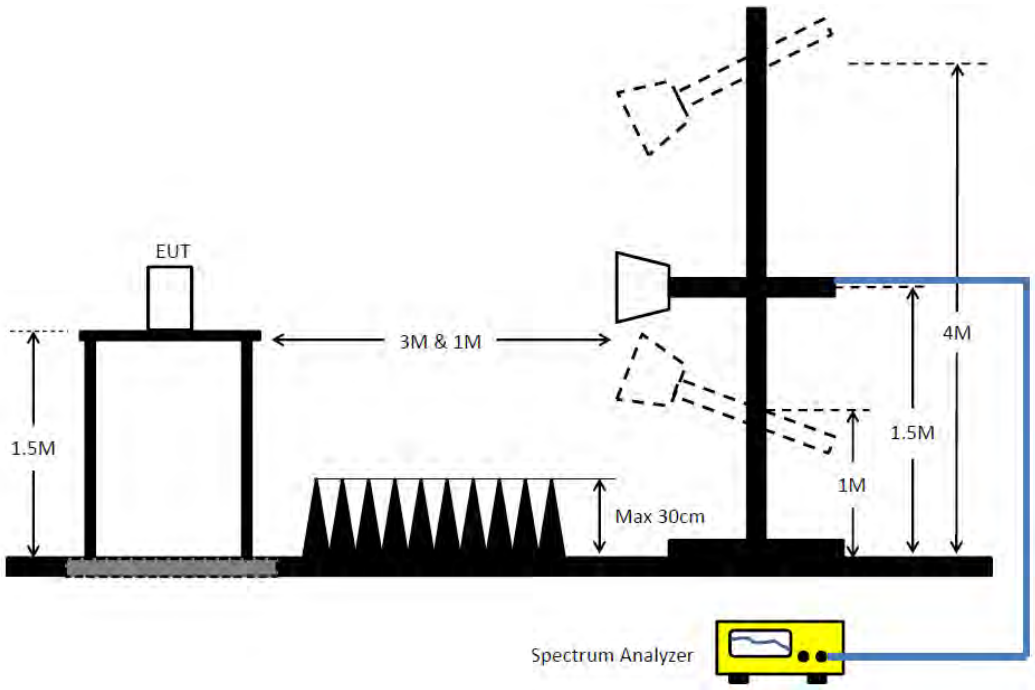
3.6.3 Test Procedures

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	SCHWARZBEC K	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2018	11/Oct/2019

NCR : Non-Calibration Require

Instrument for Radiated Test

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
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/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	SCHWARZBEC K	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	12/Mar/2018	11/Mar/2019
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	11/May/2018	10/May/2019

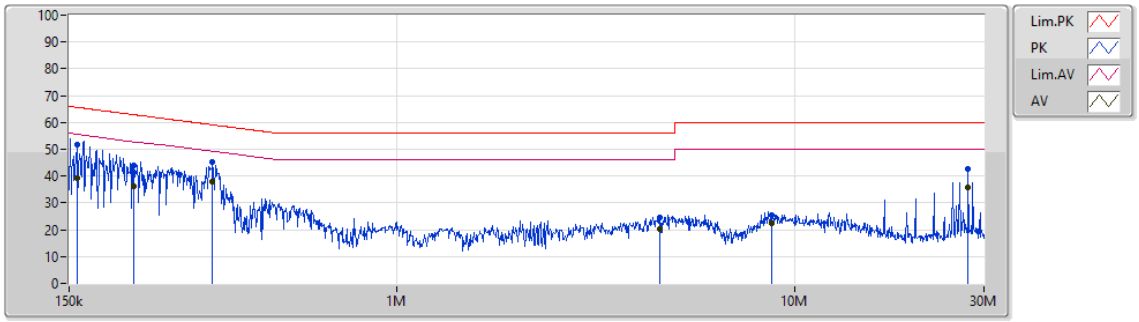
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY10715/4	RF Cable - 06	1G~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY10715/4	RF Cable - 06	1G~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY10721/4	RF Cable – 07	1G~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY10721/4	RF Cable - 07	1G~18G	10/Jan/2019	09/Jan/2020
Cable 1.5m	HUBER	MY37973/4	RF Cable - 16	1G~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

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

14/02/2019

AC Conduction_Mode 1

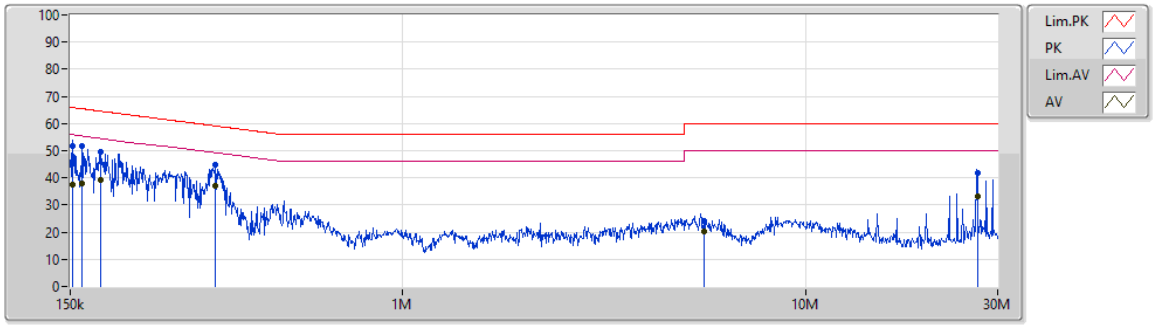


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.693k	51.83	65.64	-13.81	19.48	Neutral	-	32.35	9.60	0.01	9.87
AV	156.693k	39.27	55.64	-16.37	19.48	Neutral	-	19.79	9.60	0.01	9.87
QP	217.715k	44.13	62.90	-18.77	19.47	Neutral	-	24.66	9.59	0.01	9.87
AV	217.715k	36.06	52.90	-16.84	19.47	Neutral	-	16.59	9.59	0.01	9.87
QP	342.523k	45.47	59.14	-13.67	19.48	Neutral	-	25.99	9.59	0.01	9.88
AV	342.523k	38.07	49.14	-11.07	19.48	Neutral	"Worst"	18.59	9.59	0.01	9.88
QP	4.595M	24.40	56.00	-31.60	19.56	Neutral	-	4.84	9.62	0.05	9.89
AV	4.595M	20.24	46.00	-25.76	19.56	Neutral	-	0.68	9.62	0.05	9.89
QP	8.79M	25.30	60.00	-34.70	19.62	Neutral	-	5.68	9.66	0.07	9.89
AV	8.79M	22.29	50.00	-27.71	19.62	Neutral	-	2.67	9.66	0.07	9.89
QP	27.337M	42.47	60.00	-17.53	19.69	Neutral	-	22.78	9.67	0.12	9.90
AV	27.337M	35.65	50.00	-14.35	19.69	Neutral	-	15.96	9.67	0.12	9.90

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

AC Conduction_Mode 1

14/02/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.99k	51.78	65.89	-14.11	19.48	Line	-	32.30	9.60	0.01	9.87
AV	151.99k	37.62	55.89	-18.27	19.48	Line	-	18.14	9.60	0.01	9.87
QP	160.533k	51.69	65.43	-13.74	19.48	Line	-	32.21	9.60	0.01	9.87
AV	160.533k	37.95	55.43	-17.48	19.48	Line	-	18.47	9.60	0.01	9.87
QP	178.385k	49.46	64.57	-15.11	19.48	Line	-	29.98	9.60	0.01	9.87
AV	178.385k	39.43	54.57	-15.14	19.48	Line	-	19.95	9.60	0.01	9.87
QP	343.106k	44.64	59.14	-14.50	19.48	Line	-	25.16	9.59	0.01	9.88
AV	343.106k	37.07	49.14	-12.07	19.48	Line	"Worst"	17.59	9.59	0.01	9.88
QP	5.604M	24.33	60.00	-35.67	19.58	Line	-	4.75	9.64	0.05	9.89
AV	5.604M	20.46	50.00	-29.54	19.58	Line	-	0.88	9.64	0.05	9.89
QP	26.835M	41.78	60.00	-18.22	19.58	Line	-	22.20	9.56	0.12	9.90
AV	26.835M	33.29	50.00	-16.71	19.58	Line	-	13.71	9.56	0.12	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	8.025M	15.192M	15M2G1D	6.075M	10.12M
802.11b_Nss1,(1Mbps)_1TX(Port2)	6.575M	10.195M	10M2G1D	6.075M	10.095M
802.11b_Nss1,(1Mbps)_2TX	7M	10.17M	10M2G1D	6.05M	10.02M
802.11g_Nss1,(6Mbps)_1TX(Port1)	15.525M	24.663M	24M7D1D	14.95M	16.242M
802.11g_Nss1,(6Mbps)_1TX(Port2)	15.1M	16.342M	16M3D1D	14.925M	16.242M
802.11g_Nss1,(6Mbps)_2TX	15.1M	16.292M	16M3D1D	15M	16.242M
802.11n HT20_Nss1,(MCS0)_2TX	15.275M	17.441M	17M4D1D	14.7M	17.341M
802.11n HT40_Nss1,(MCS0)_2TX	35.05M	35.832M	35M8D1D	28.8M	35.682M

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)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	6.5M	10.12M		
2437MHz_TnomVnom	Pass	500k	8.025M	15.192M		
2462MHz_TnomVnom	Pass	500k	6.075M	10.445M		
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			6.575M	10.195M
2437MHz_TnomVnom	Pass	500k			6.075M	10.095M
2462MHz_TnomVnom	Pass	500k			6.1M	10.145M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	6.05M	10.095M	7M	10.12M
2437MHz_TnomVnom	Pass	500k	6.525M	10.02M	6.5M	10.095M
2462MHz_TnomVnom	Pass	500k	6.05M	10.17M	6.5M	10.12M
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.525M	16.242M		
2437MHz_TnomVnom	Pass	500k	15.45M	24.663M		
2462MHz_TnomVnom	Pass	500k	14.95M	16.242M		
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			15M	16.242M
2437MHz_TnomVnom	Pass	500k			14.925M	16.342M
2462MHz_TnomVnom	Pass	500k			15.1M	16.292M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.05M	16.292M	15.1M	16.242M
2437MHz_TnomVnom	Pass	500k	15M	16.242M	15.075M	16.242M
2462MHz_TnomVnom	Pass	500k	15.05M	16.242M	15M	16.242M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.275M	17.416M	15.05M	17.391M
2437MHz_TnomVnom	Pass	500k	14.7M	17.416M	15.025M	17.441M
2462MHz_TnomVnom	Pass	500k	15.025M	17.341M	15.05M	17.366M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	33.8M	35.782M	33.8M	35.732M

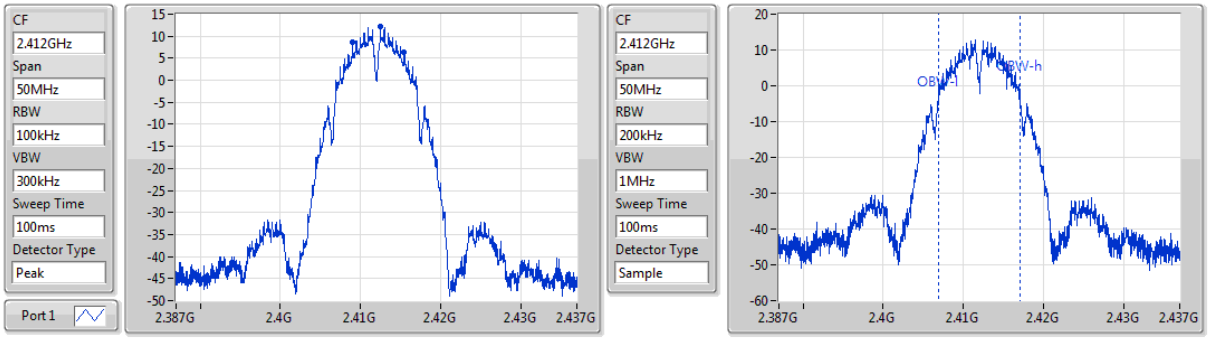
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
2437MHz_TnomVnom	Pass	500k	28.8M	35.732M	35.05M	35.682M
2452MHz_TnomVnom	Pass	500k	35M	35.832M	33.75M	35.832M

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

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2412MHz

13/02/2019

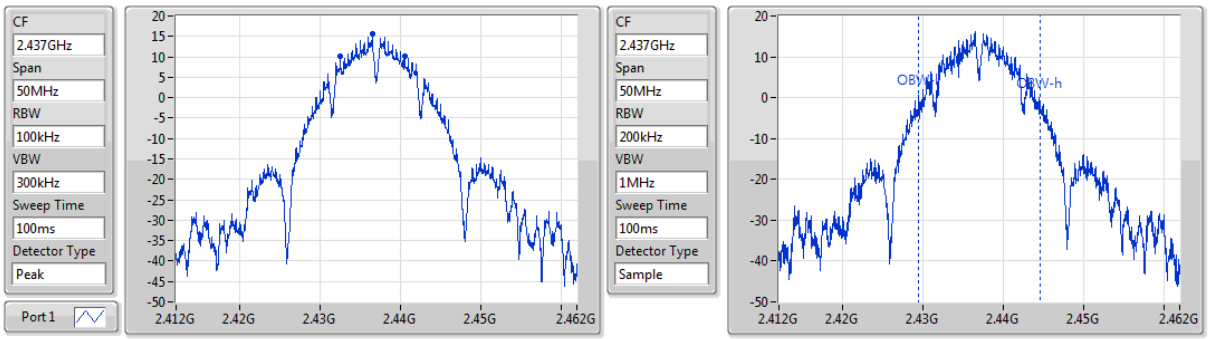


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.5M	2.408975G	2.415475G	10.12M	2.406928G	2.417047G	500k	1

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2437MHz

12/02/2019

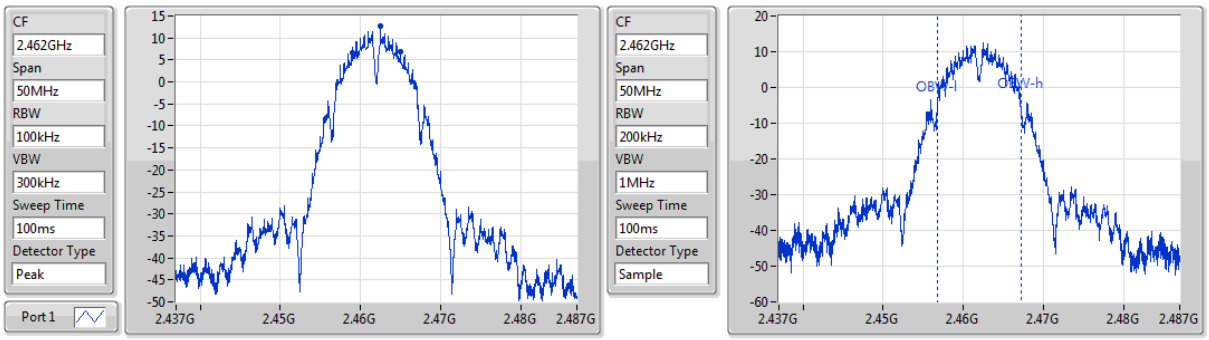


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432475G	2.4405G	15.192M	2.429379G	2.444571G	500k	1

802.11b_Nss1,(1Mbps)_1TX(Port1) EBW

2462MHz

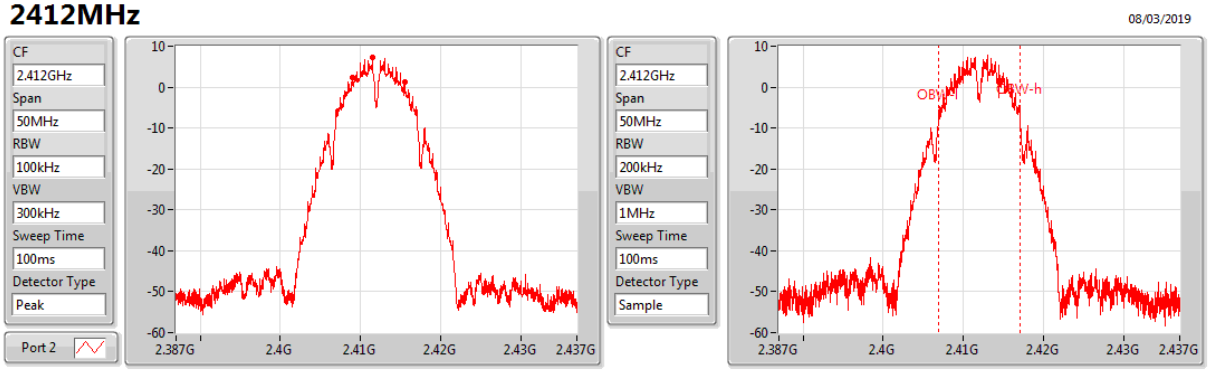
12/02/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.075M	2.45895G	2.465025G	10.445M	2.456728G	2.467172G	500k	1

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

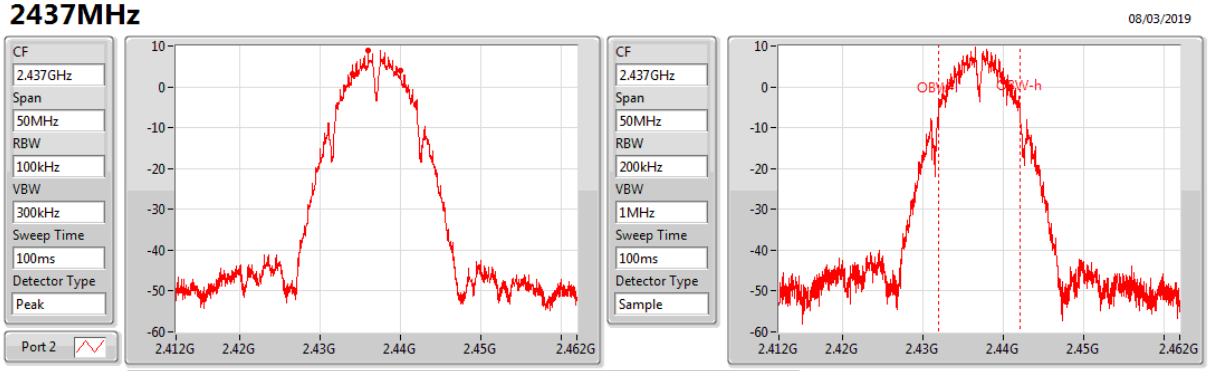
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.575M	2.40895G	2.415525G	10.195M	2.406878G	2.417072G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

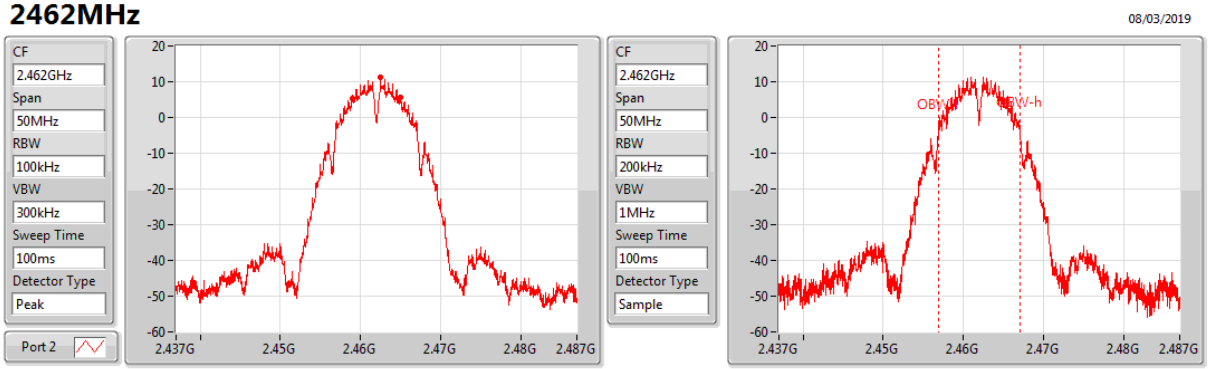
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.075M	2.43395G	2.440025G	10.095M	2.431928G	2.442022G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz



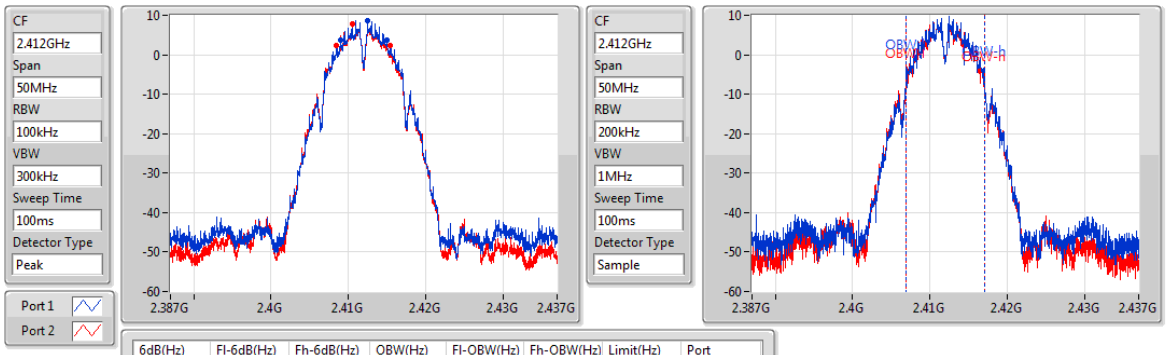
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.1M	2.45895G	2.46505G	10.145M	2.456903G	2.467047G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

08/03/2019



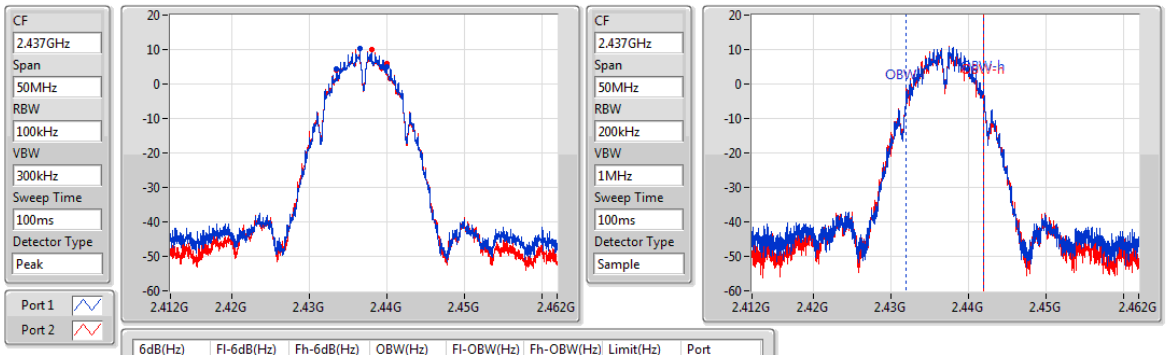
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.05M	2.408975G	2.415025G	10.095M	2.406953G	2.417047G	500k	1
7M	2.408475G	2.415475G	10.12M	2.406903G	2.417022G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

08/03/2019



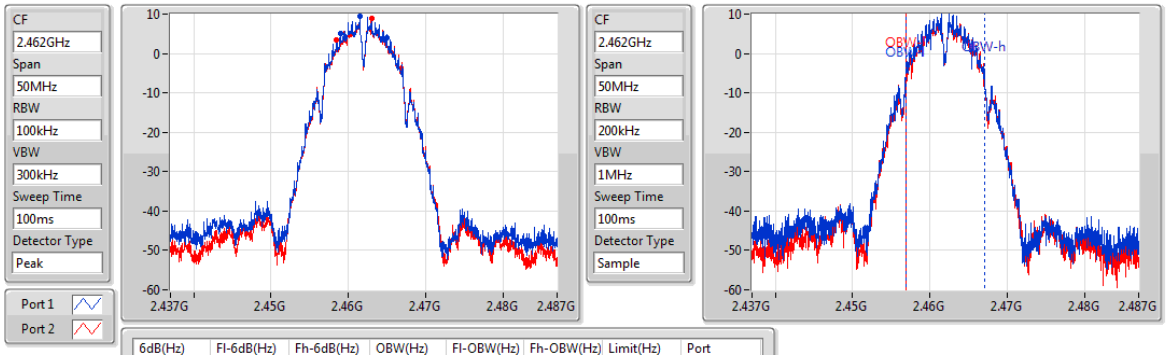
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.525M	2.4335G	2.440025G	10.02M	2.431978G	2.441998G	500k	1
6.5M	2.4335G	2.44G	10.095M	2.431903G	2.441998G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

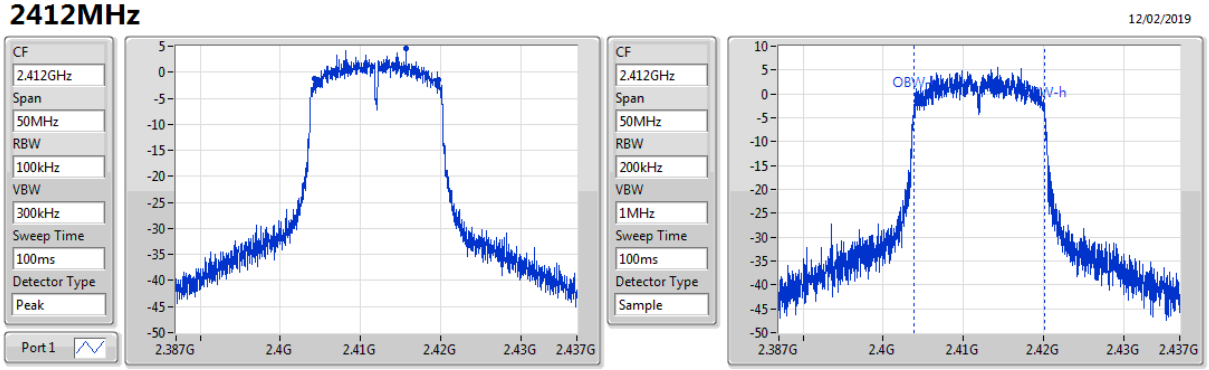
08/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.05M	2.45895G	2.465G	10.17M	2.456853G	2.467022G	500k	1
6.5M	2.4585G	2.465G	10.12M	2.456928G	2.467047G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port1) **EBW**

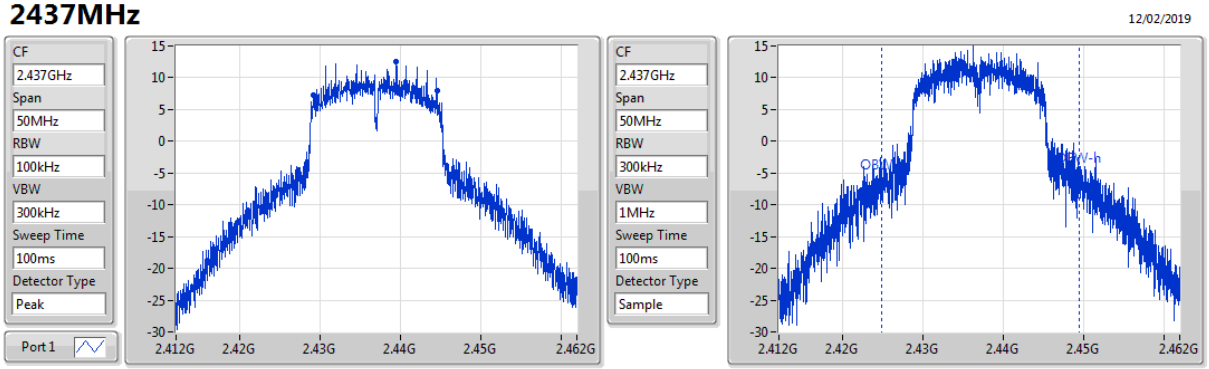
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.525M	2.404225G	2.41975G	16.242M	2.403854G	2.420096G	500k	1

802.11g_Nss1,(6Mbps)_1TX(Port1) **EBW**

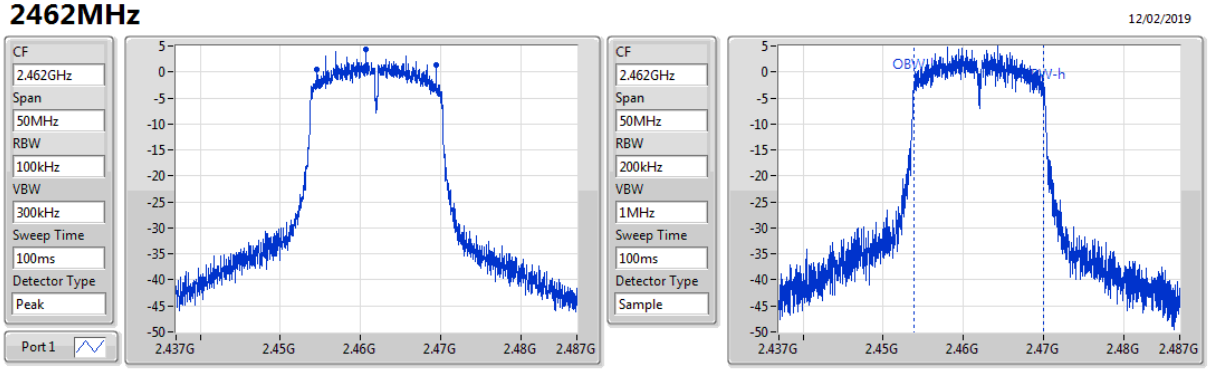
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	2.4291G	2.44455G	24.663M	2.424856G	2.449519G	500k	1

802.11g_Nss1,(6Mbps)_1TX(Port1) **EBW**

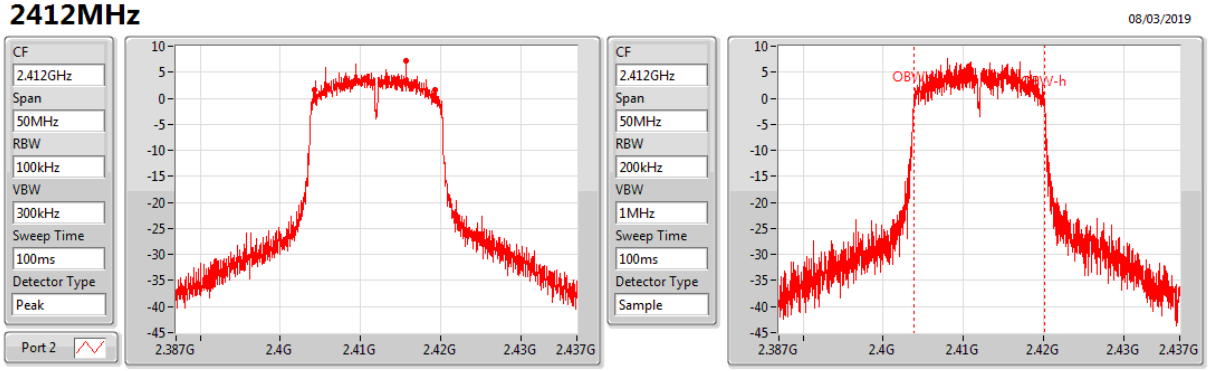
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.95M	2.454525G	2.469475G	16.242M	2.453829G	2.470071G	500k	1

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

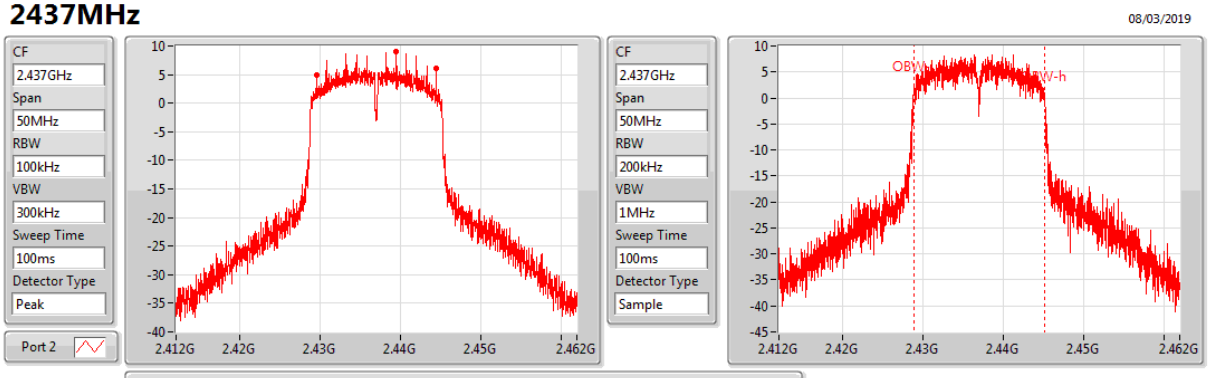
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.40425G	2.41925G	16.242M	2.403854G	2.420096G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

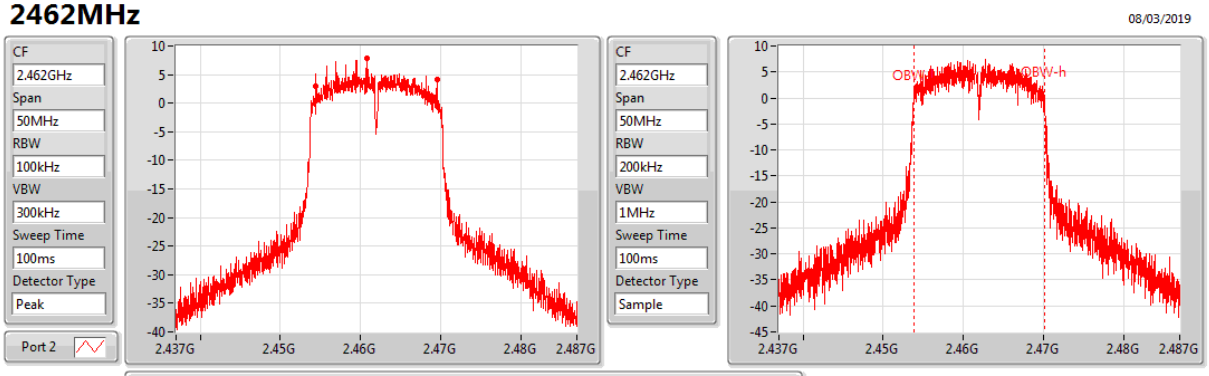
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	2.42955G	2.444475G	16.342M	2.428804G	2.445146G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz



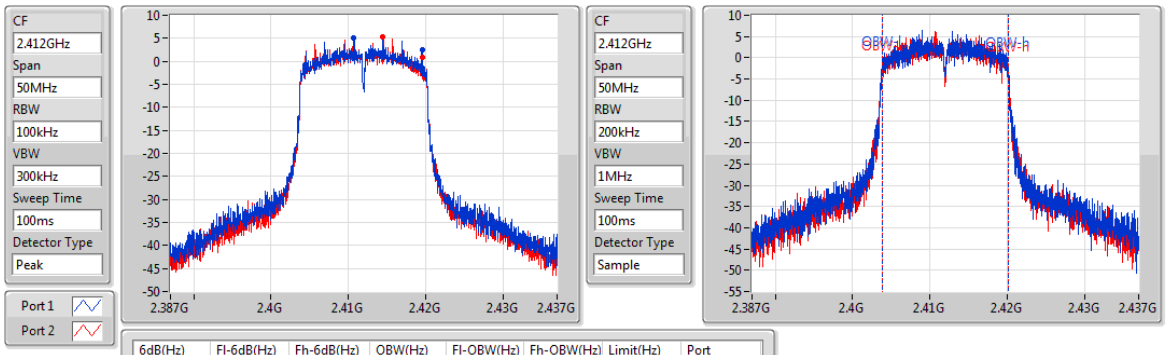
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.454425G	2.469525G	16.292M	2.453829G	2.470121G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

08/03/2019



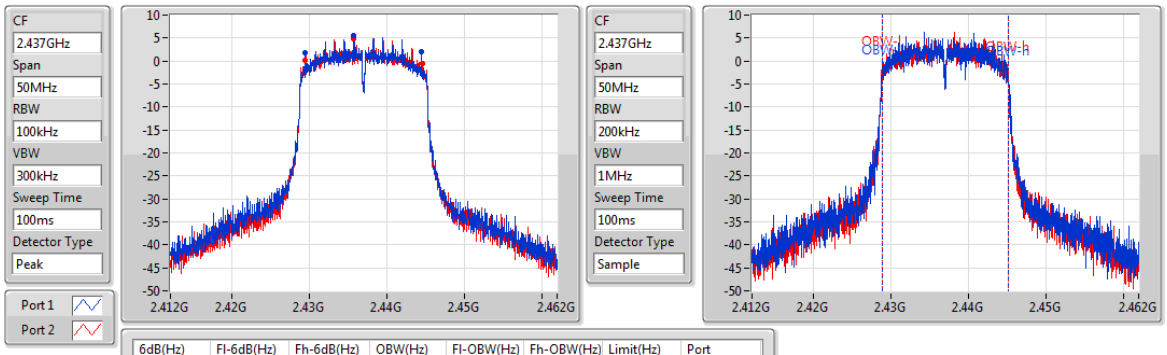
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.404475G	2.419525G	16.292M	2.403829G	2.420121G	500k	1
15.1M	2.404425G	2.419525G	16.242M	2.403854G	2.420096G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

08/03/2019



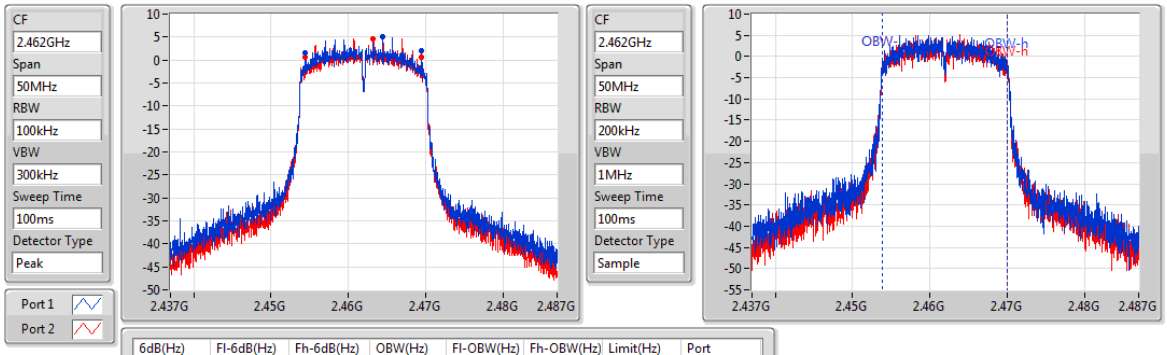
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.429475G	2.444475G	16.242M	2.428854G	2.445096G	500k	1
15.075M	2.429475G	2.44455G	16.242M	2.428854G	2.445096G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

08/03/2019



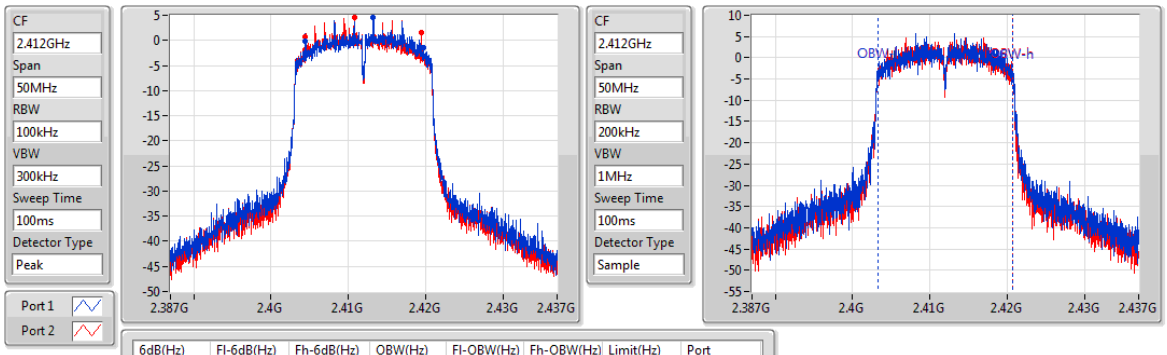
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	16.242M	2.453829G	2.470071G	500k	1
15M	2.45445G	2.46945G	16.242M	2.453829G	2.470071G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2412MHz

12/02/2019



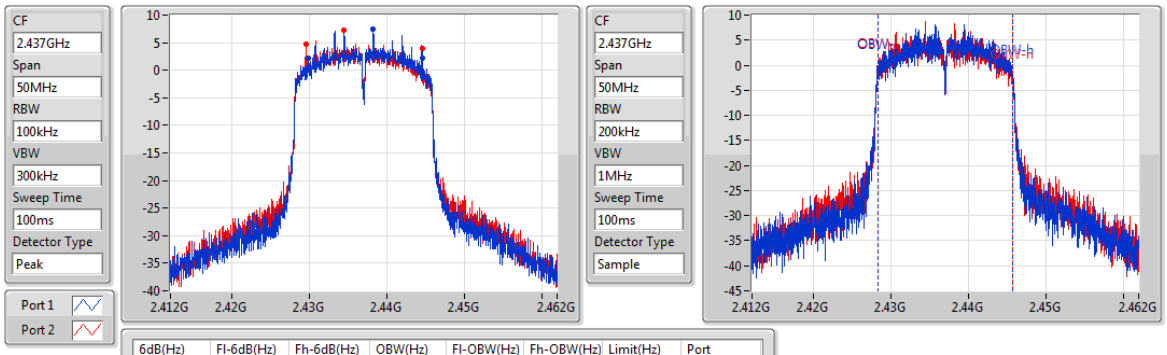
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.275M	2.40445G	2.419725G	17.416M	2.403279G	2.420696G	500k	1
15.05M	2.40445G	2.4195G	17.391M	2.403279G	2.420671G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/02/2019



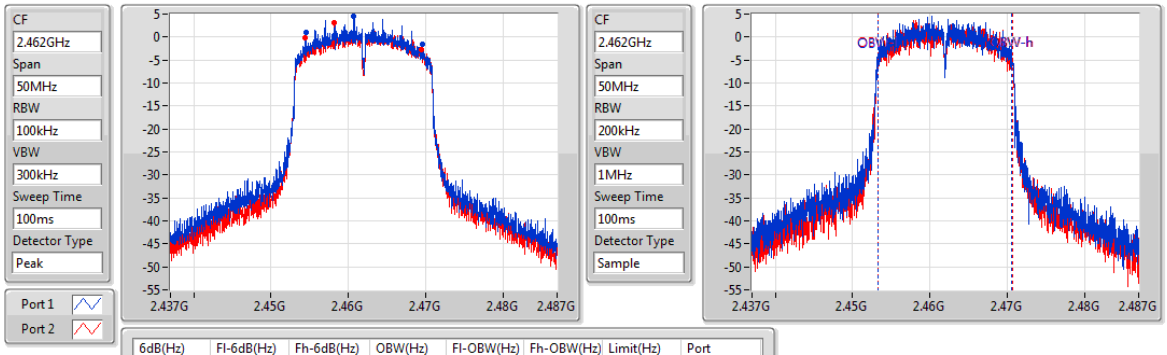
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.7M	2.42985G	2.44455G	17.416M	2.428254G	2.445671G	500k	1
15.025M	2.4295G	2.444525G	17.441M	2.428229G	2.445671G	500k	2

802.11n HT20_Nss1,(MCS0)_2TX

EBW

2462MHz

12/02/2019



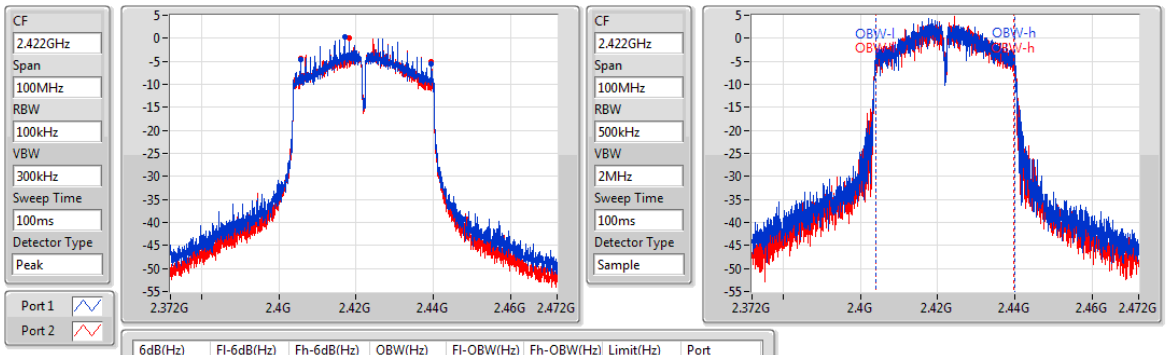
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.4545G	2.469525G	17.341M	2.453279G	2.470621G	500k	1
15.05M	2.45445G	2.4695G	17.366M	2.453279G	2.470646G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/02/2019



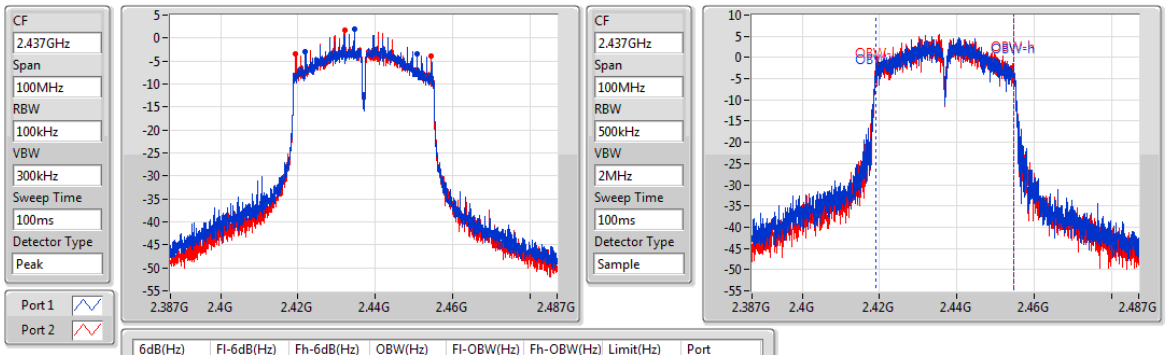
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4057G	2.4395G	35.782M	2.404059G	2.439841G	500k	1
33.8M	2.4057G	2.4395G	35.732M	2.404009G	2.439741G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/02/2019



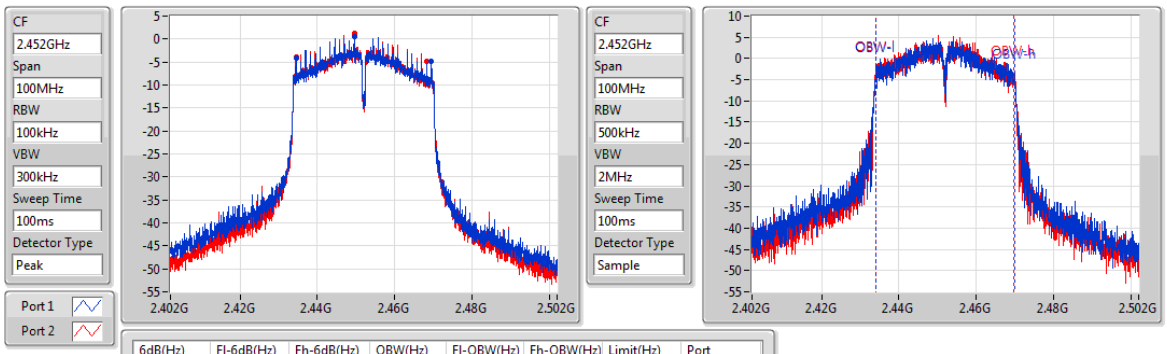
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.8M	2.42195G	2.45075G	35.732M	2.419059G	2.454791G	500k	1
35.05M	2.41945G	2.4545G	35.682M	2.419059G	2.454741G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/02/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	35.832M	2.434009G	2.469841G	500k	1
33.75M	2.4345G	2.46825G	35.832M	2.433959G	2.469791G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	24.94	0.31189
802.11b_Nss1,(1Mbps)_1TX(Port2)	19.15	0.08222
802.11b_Nss1,(1Mbps)_2TX	21.41	0.13836
802.11g_Nss1,(6Mbps)_1TX(Port1)	24.52	0.28314
802.11g_Nss1,(6Mbps)_1TX(Port2)	20.19	0.10447
802.11g_Nss1,(6Mbps)_2TX	19.74	0.09419
802.11n HT20_Nss1,(MCS0)_2TX	22.05	0.16032
802.11n HT40_Nss1,(MCS0)_2TX	18.37	0.06871

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	20.29		20.29	30.00
2417MHz_TnomVnom	Pass	4.04	21.92		21.92	30.00
2437MHz_TnomVnom	Pass	4.04	24.94		24.94	30.00
2457MHz_TnomVnom	Pass	4.04	21.95		21.95	30.00
2462MHz_TnomVnom	Pass	4.04	20.86		20.86	30.00
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43		15.58	15.58	30.00
2417MHz_TnomVnom	Pass	2.43		17.07	17.07	30.00
2437MHz_TnomVnom	Pass	2.43		17.07	17.07	30.00
2462MHz_TnomVnom	Pass	2.43		19.15	19.15	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	16.85	16.52	19.70	30.00
2417MHz_TnomVnom	Pass	4.04	17.60	17.38	20.50	30.00
2437MHz_TnomVnom	Pass	4.04	18.32	18.21	21.28	30.00
2457MHz_TnomVnom	Pass	4.04	18.70	18.07	21.41	30.00
2462MHz_TnomVnom	Pass	4.04	17.31	17.19	20.26	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	17.37		17.37	30.00
2417MHz_TnomVnom	Pass	4.04	18.21		18.21	30.00
2437MHz_TnomVnom	Pass	4.04	24.52		24.52	30.00
2457MHz_TnomVnom	Pass	4.04	17.97		17.97	30.00
2462MHz_TnomVnom	Pass	4.04	16.59		16.59	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43		18.67	18.67	30.00
2417MHz_TnomVnom	Pass	2.43		20.19	20.19	30.00
2437MHz_TnomVnom	Pass	2.43		19.99	19.99	30.00
2457MHz_TnomVnom	Pass	2.43		19.81	19.81	30.00
2462MHz_TnomVnom	Pass	2.43		18.92	18.92	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	16.85	16.60	19.74	30.00
2437MHz_TnomVnom	Pass	4.04	16.55	16.49	19.53	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2462MHz_TnomVnom	Pass	4.04	16.67	16.14	19.42	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	16.87	16.46	19.68	30.00
2417MHz_TnomVnom	Pass	4.04	17.02	16.68	19.86	30.00
2437MHz_TnomVnom	Pass	4.04	19.02	19.06	22.05	30.00
2457MHz_TnomVnom	Pass	4.04	18.20	17.99	21.11	30.00
2462MHz_TnomVnom	Pass	4.04	16.35	15.72	19.06	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.04	14.44	14.15	17.31	30.00
2427MHz_TnomVnom	Pass	4.04	15.51	15.04	18.29	30.00
2437MHz_TnomVnom	Pass	4.04	15.39	15.33	18.37	30.00
2452MHz_TnomVnom	Pass	4.04	14.95	14.93	17.95	30.00

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted average output power is for reference only

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	1.11
802.11b_Nss1,(1Mbps)_1TX(Port2)	-2.68
802.11b_Nss1,(1Mbps)_2TX	-2.21
802.11g_Nss1,(6Mbps)_1TX(Port1)	-1.62
802.11g_Nss1,(6Mbps)_1TX(Port2)	-5.85
802.11g_Nss1,(6Mbps)_2TX	-7.36
802.11n HT20_Nss1,(MCS0)_2TX	-6.22
802.11n HT40_Nss1,(MCS0)_2TX	-12.08

RBW=3kHz.

Result

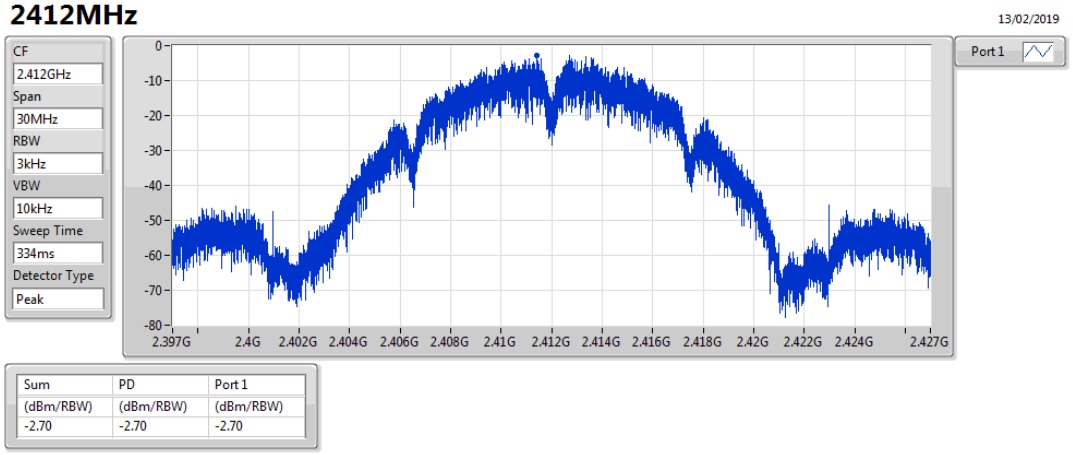
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	-2.70		-2.70	8.00
2437MHz_TnomVnom	Pass	4.04	1.11		1.11	8.00
2462MHz_TnomVnom	Pass	4.04	-2.73		-2.73	8.00
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43		-7.31	-7.31	8.00
2437MHz_TnomVnom	Pass	2.43		-6.23	-6.23	8.00
2462MHz_TnomVnom	Pass	2.43		-2.68	-2.68	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.28	-6.70	-5.98	-4.13	7.72
2437MHz_TnomVnom	Pass	6.28	-3.33	-4.93	-2.21	7.72
2462MHz_TnomVnom	Pass	6.28	-5.49	-5.60	-3.83	7.72
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.04	-10.23		-10.23	8.00
2437MHz_TnomVnom	Pass	4.04	-1.62		-1.62	8.00
2462MHz_TnomVnom	Pass	4.04	-10.35		-10.35	8.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43		-7.45	-7.45	8.00
2437MHz_TnomVnom	Pass	2.43		-5.85	-5.85	8.00
2462MHz_TnomVnom	Pass	2.43		-6.35	-6.35	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.28	-9.40	-9.63	-7.36	7.72
2437MHz_TnomVnom	Pass	6.28	-8.93	-9.89	-7.79	7.72
2462MHz_TnomVnom	Pass	6.28	-9.07	-9.88	-7.78	7.72
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	6.28	-9.94	-10.67	-8.23	7.72
2437MHz_TnomVnom	Pass	6.28	-7.81	-7.80	-6.22	7.72
2462MHz_TnomVnom	Pass	6.28	-9.79	-10.29	-8.86	7.72
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.28	-14.28	-15.56	-12.74	7.72
2437MHz_TnomVnom	Pass	6.28	-12.88	-13.73	-12.08	7.72

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
2452MHz_TnomVnom	Pass	6.28	-13.13	-13.97	-12.12	7.72

DG = Directional Gain; RBW=3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

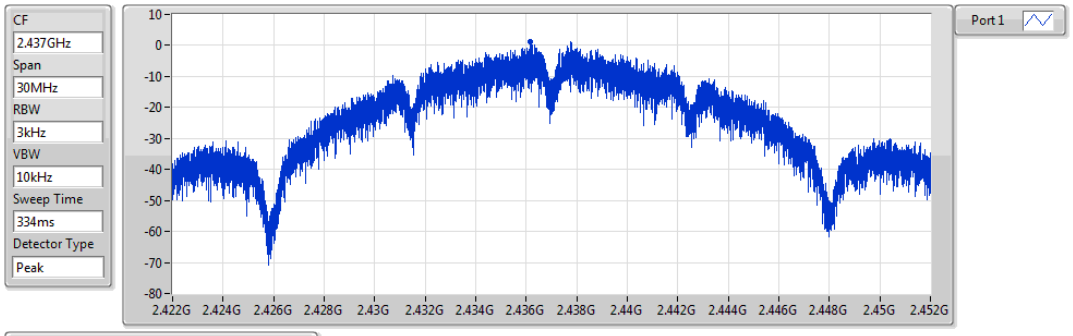
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.70	-2.70	-2.70

802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

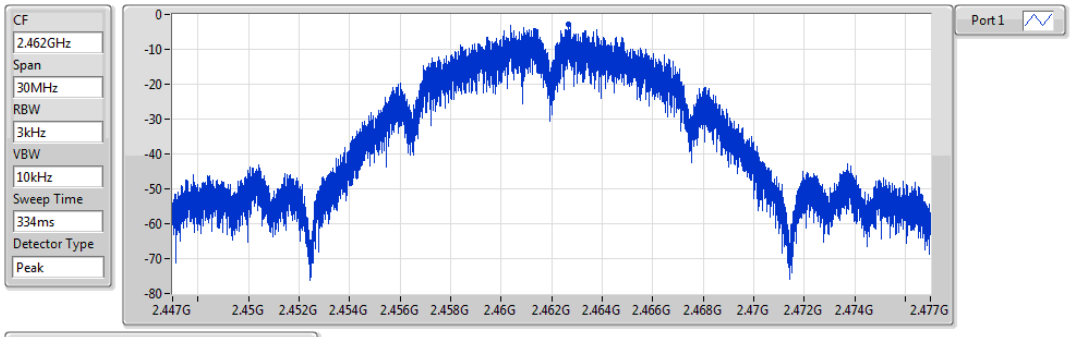
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.11	1.11	1.11

802.11b_Nss1,(1Mbps)_1TX(Port1) **PSD**

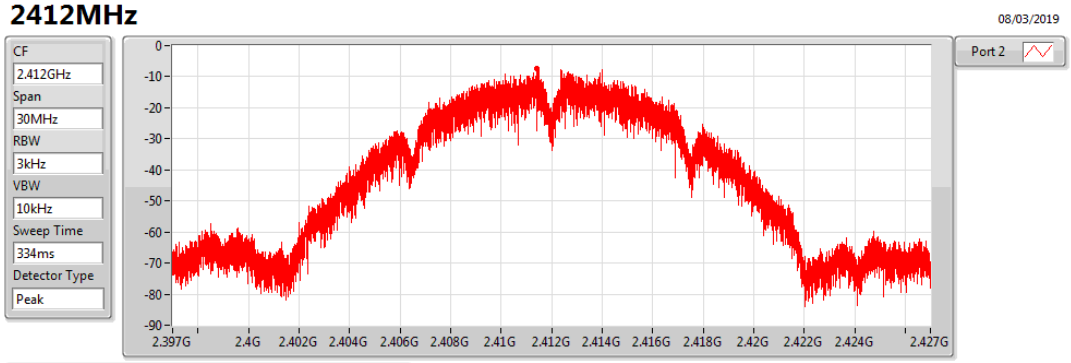
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.73	-2.73	-2.73

802.11b_Nss1,(1Mbps)_1TX(Port2) **PSD**

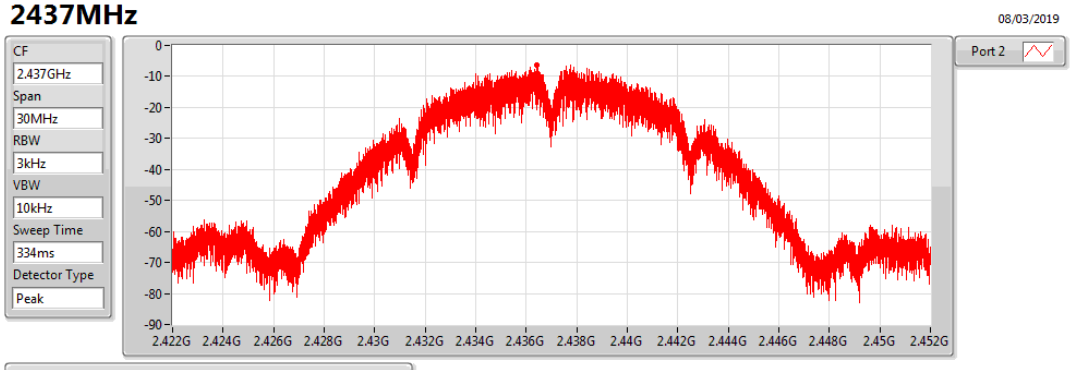
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.31	-7.31		-7.31

802.11b_Nss1,(1Mbps)_1TX(Port2) **PSD**

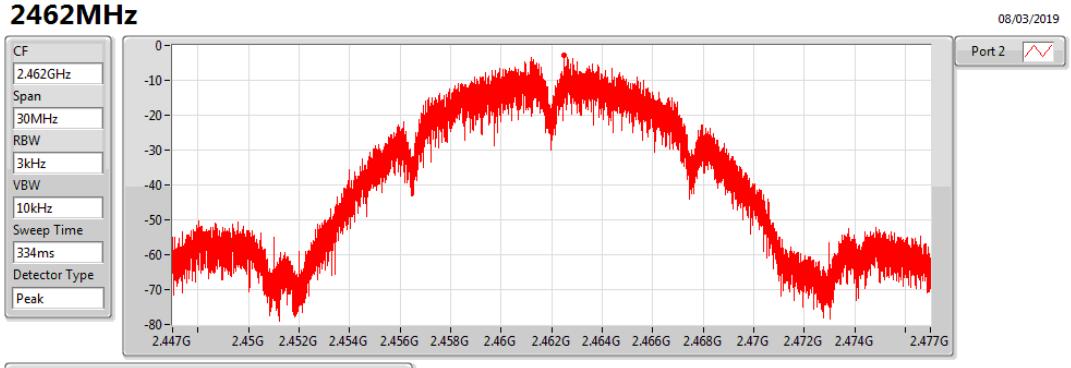
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.23	-6.23		-6.23

802.11b_Nss1,(1Mbps)_1TX(Port2) **PSD**

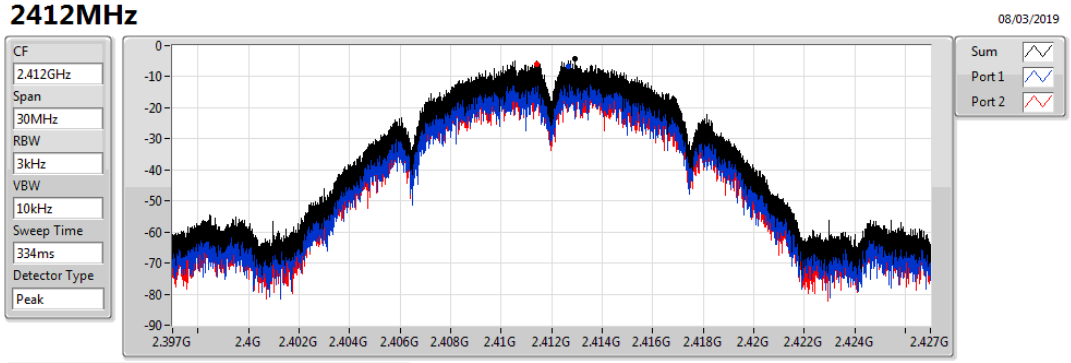
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68		-2.68

802.11b_Nss1,(1Mbps)_2TX PSD

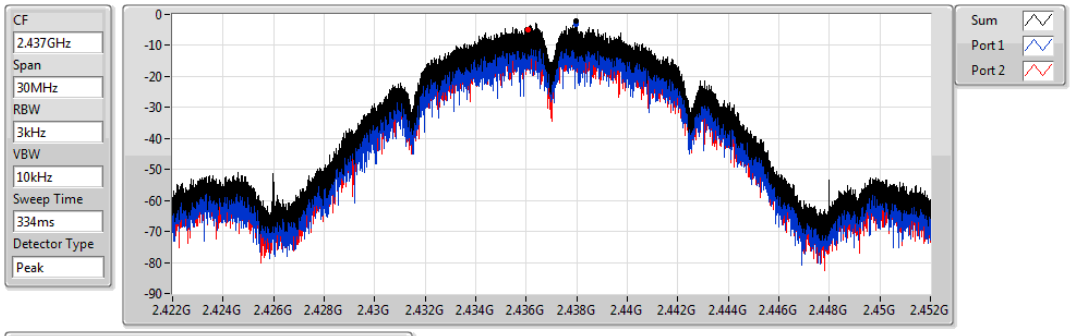
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-6.70	-5.98

802.11b_Nss1,(1Mbps)_2TX PSD

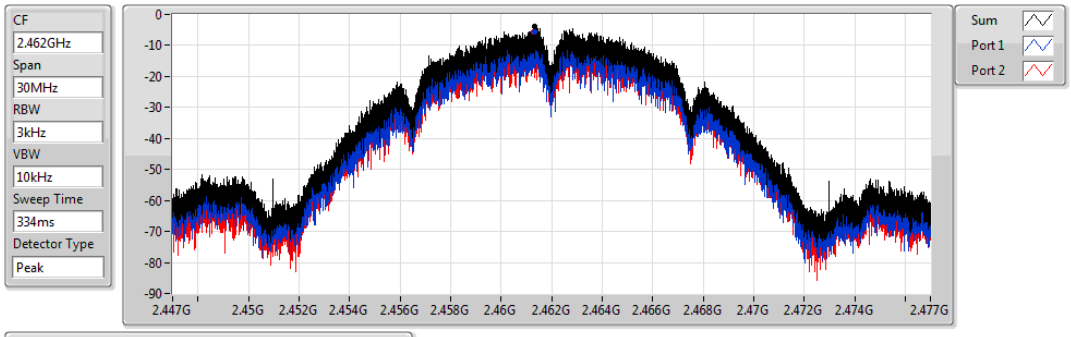
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-3.33	-4.93

802.11b_Nss1,(1Mbps)_2TX PSD

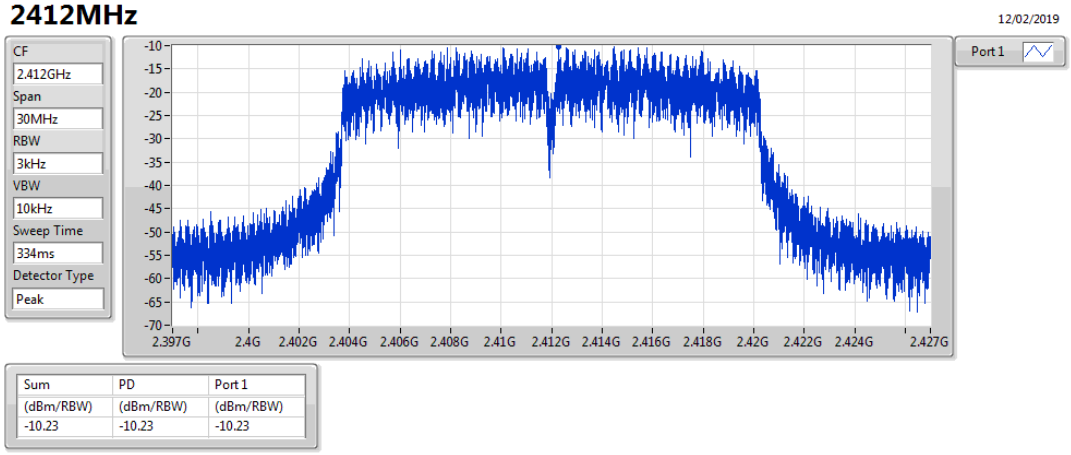
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.83	-3.83	-5.49	-5.60

802.11g_Nss1,(6Mbps)_1TX(Port1) **PSD**

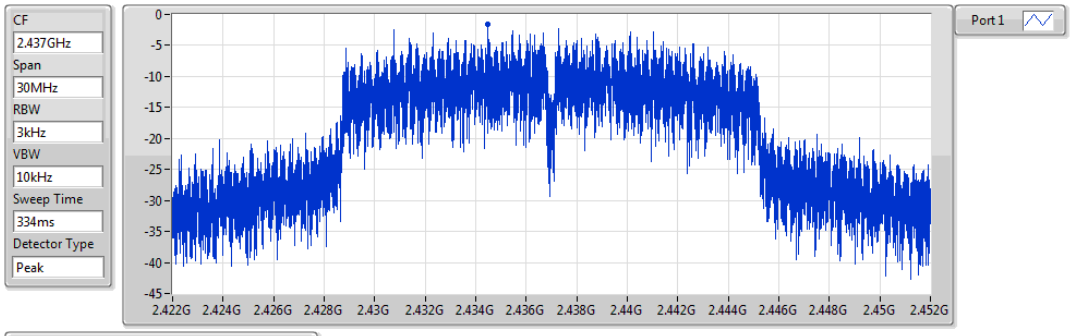
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.23	-10.23	-10.23

802.11g_Nss1,(6Mbps)_1TX(Port1) **PSD**

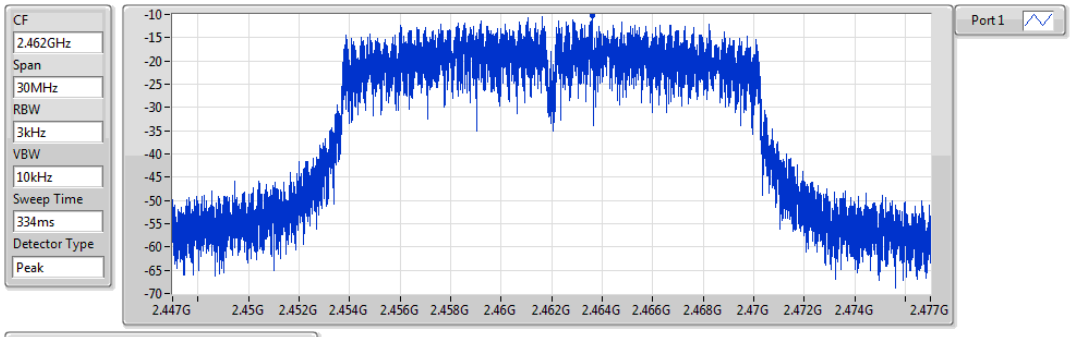
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.62	-1.62	-1.62

802.11g_Nss1,(6Mbps)_1TX(Port1) **PSD**

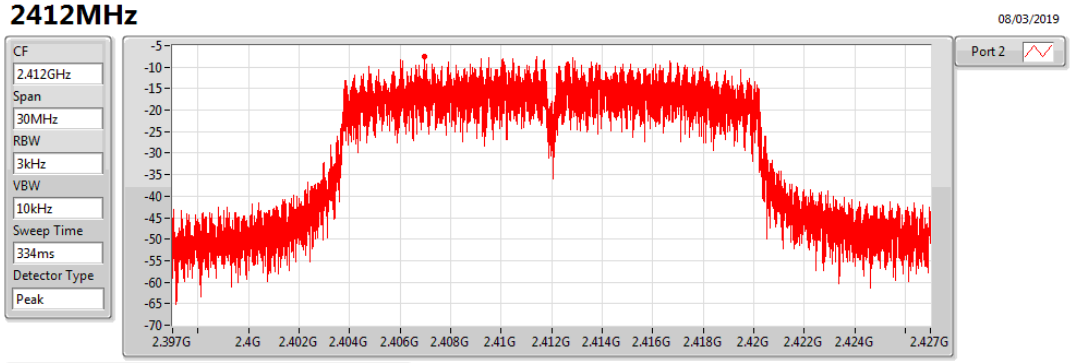
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.35	-10.35	-10.35

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

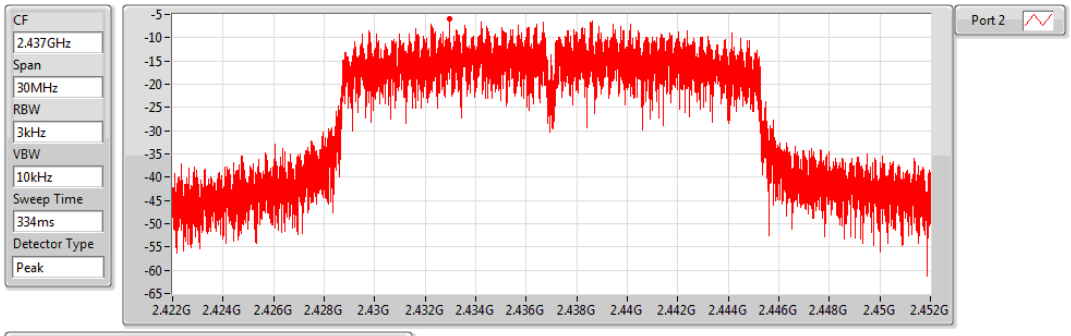
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.45	-7.45		-7.45

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

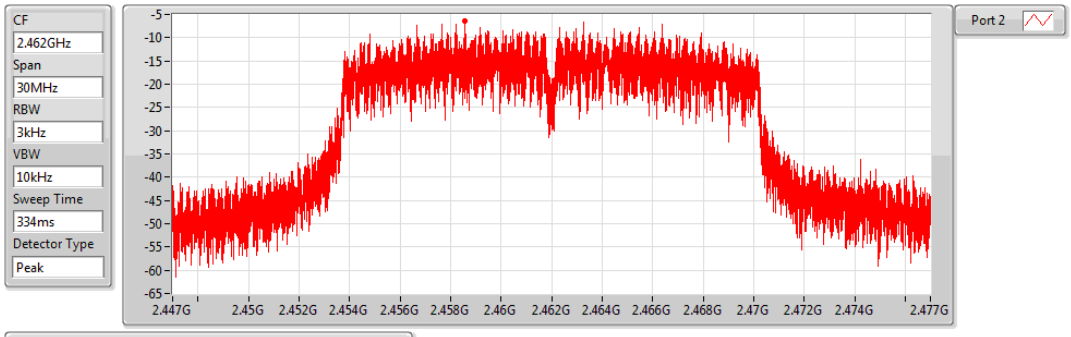
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.85	-5.85		-5.85

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

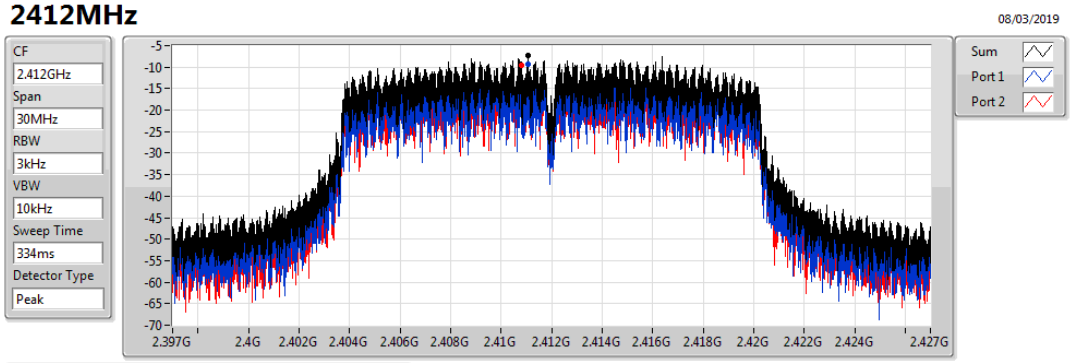
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.35	-6.35		-6.35

802.11g_Nss1,(6Mbps)_2TX PSD

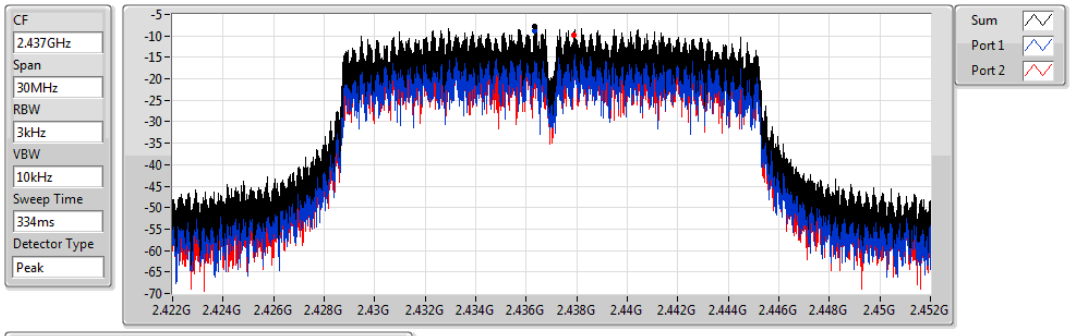
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.36	-7.36	-9.40	-9.63

802.11g_Nss1,(6Mbps)_2TX PSD

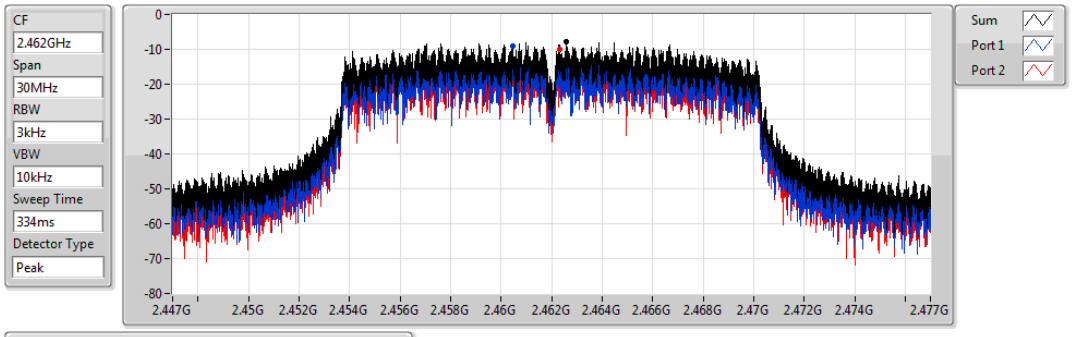
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.79	-7.79	-8.93	-9.89

802.11g_Nss1,(6Mbps)_2TX PSD

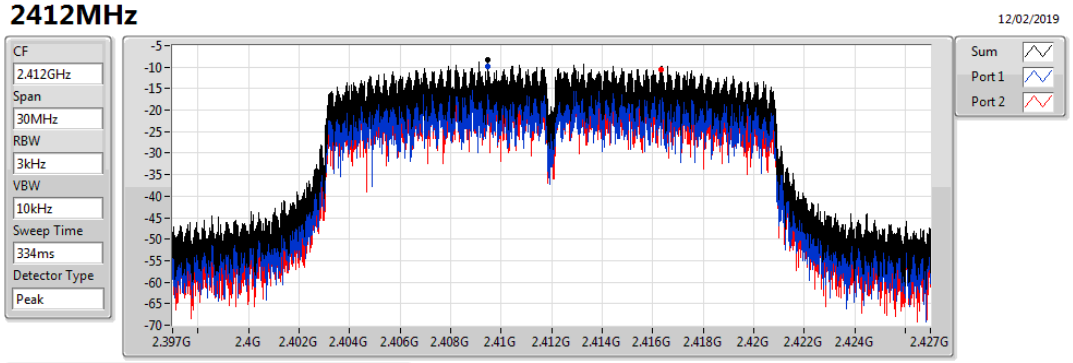
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-9.07	-9.88

802.11n HT20_Nss1,(MCS0)_2TX PSD

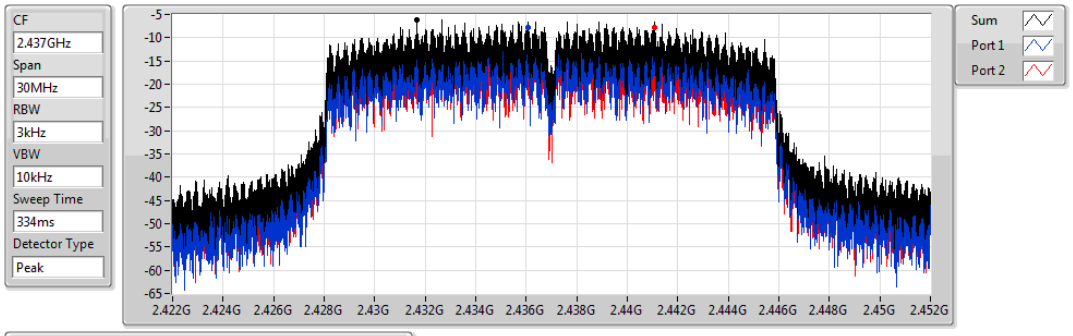
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.23	-8.23	-9.94	-10.67

802.11n HT20_Nss1,(MCS0)_2TX PSD

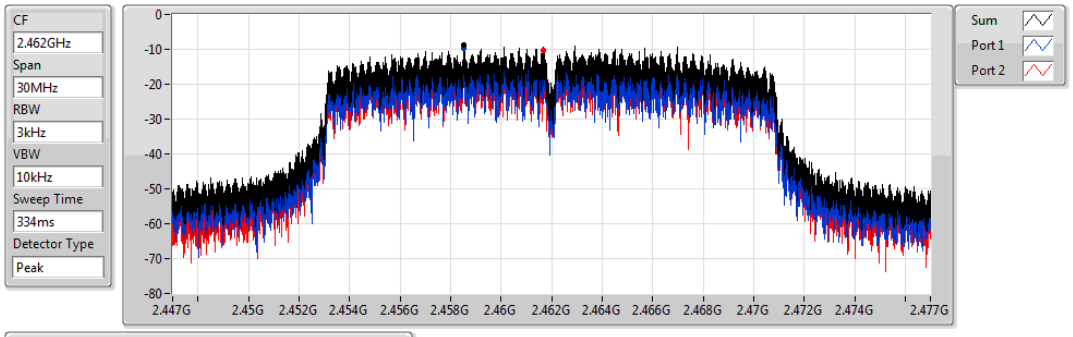
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.22	-6.22	-7.81	-7.80

802.11n HT20_Nss1,(MCS0)_2TX PSD

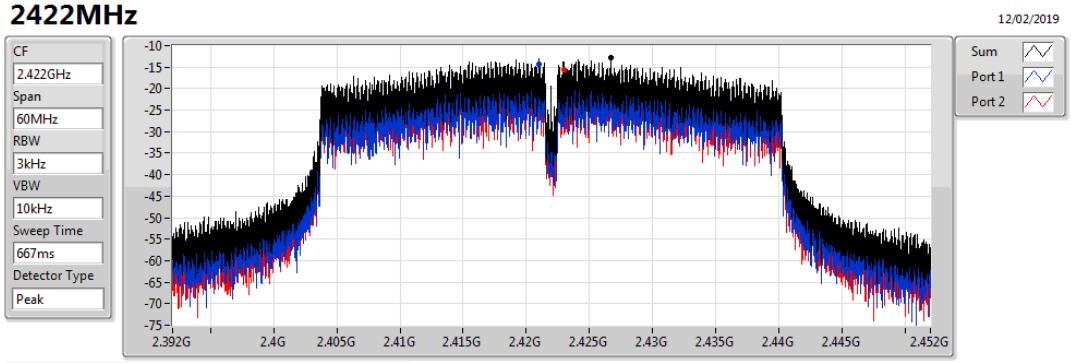
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.86	-8.86	-9.79	-10.29

802.11n HT40_Nss1,(MCS0)_2TX PSD

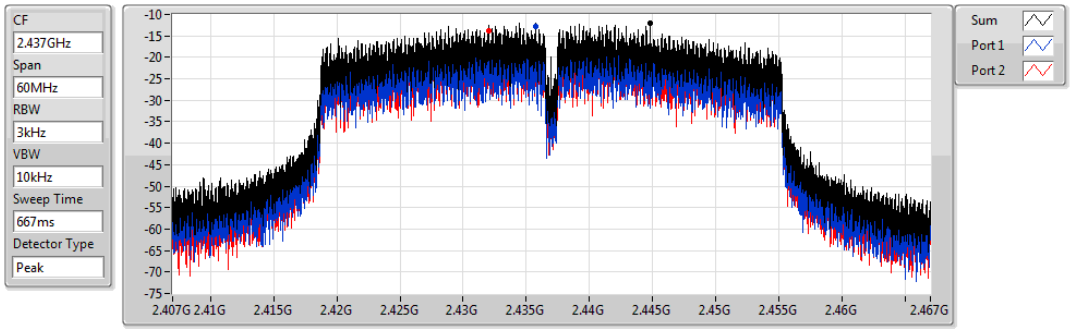
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.74	-12.74	-14.28	-15.56

802.11n HT40_Nss1,(MCS0)_2TX PSD

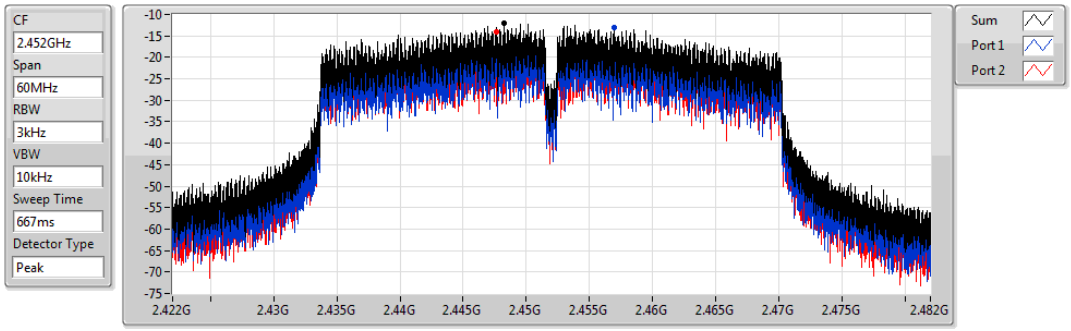
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.08	-12.08	-12.88	-13.73

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.12	-12.12	-13.13	-13.97

Summary

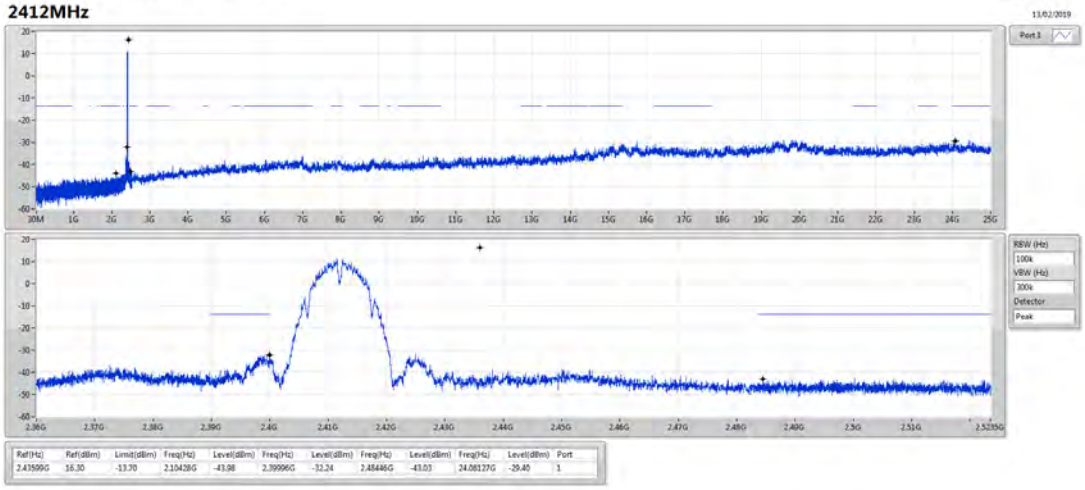
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	2.43599G	16.30	-13.70	2.13865G	-44.49	2.39634G	-42.43	2.50238G	-39.77	15.09629G	-28.98	1
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	2.463G	10.95	-19.05	2.17389G	-45.38	2.39984G	-41.79	2.50742G	-42.71	24.5589G	-30.66	2
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	10.02	-19.98	2.01633G	-44.31	2.39718G	-44.08	2.49988G	-41.62	23.3255G	-30.24	2
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	2.43574G	12.63	-17.37	2.10807G	-44.45	2.39698G	-29.11	2.48554G	-42.82	24.51114G	-30.42	1
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	2.43828G	8.43	-21.57	900.84M	-45.42	2.39852G	-26.50	2.49778G	-43.29	21.9741G	-30.37	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41695G	5.17	-24.83	2.16457G	-43.49	2.39982G	-28.71	2.48708G	-43.00	24.68533G	-30.27	1
802.11n HT20_Nss1,(MCS0)_2TX	Pass	2.43574G	7.40	-22.60	2.00322G	-44.94	2.39848G	-30.66	2.49536G	-43.41	24.44933G	-29.02	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43194G	1.55	-28.45	1.83109G	-44.81	2.39576G	-33.34	2.49278G	-42.25	24.48396G	-29.63	2

Result

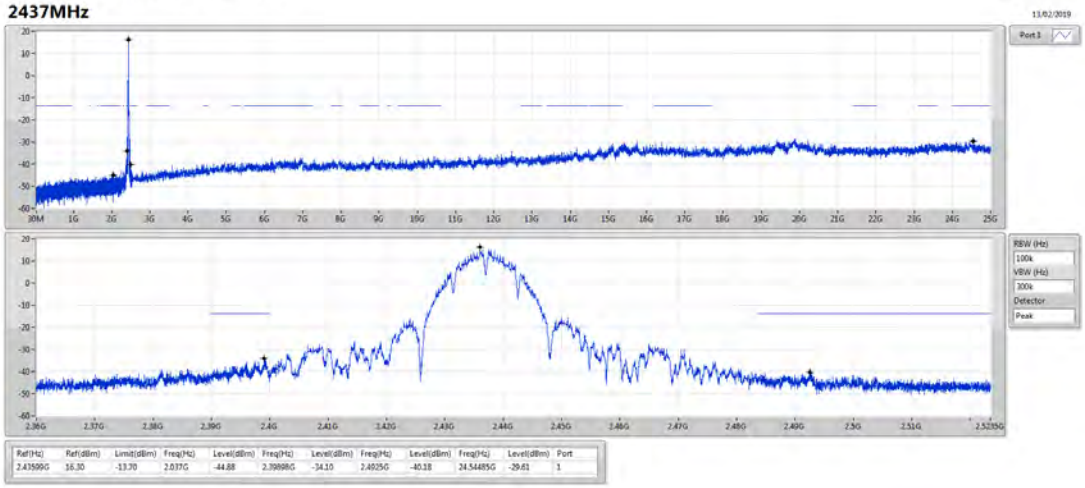
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43599G	16.30	-13.70	2.10428G	-43.98	2.39996G	-32.24	2.48446G	-43.03	24.08127G	-29.40	1
2437MHz_TnomVnom	Pass	2.43599G	16.30	-13.70	2.037G	-44.88	2.39898G	-34.10	2.4925G	-40.18	24.54485G	-29.61	1
2462MHz_TnomVnom	Pass	2.43599G	16.30	-13.70	2.13865G	-44.49	2.39634G	-42.43	2.50238G	-39.77	15.09629G	-28.98	1
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.463G	10.95	-19.05	2.17389G	-45.38	2.39984G	-41.79	2.50742G	-42.71	24.5589G	-30.66	2
2437MHz_TnomVnom	Pass	2.463G	10.95	-19.05	888.9M	-44.41	2.39558G	-39.01	2.50008G	-42.74	24.68252G	-30.81	2
2462MHz_TnomVnom	Pass	2.463G	10.95	-19.05	2.11739G	-44.93	2.3918G	-43.69	2.48924G	-41.82	24.62071G	-31.37	2
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	2.1471G	-44.84	2.39452G	-40.63	2.4882G	-43.22	23.26931G	-30.91	1
2412MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	1.99244G	-45.09	2.3993G	-39.30	2.49528G	-41.90	23.23279G	-31.42	2
2437MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	740.94M	-44.71	2.39876G	-37.44	2.48484G	-41.27	24.34537G	-31.27	1
2437MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	1.77954G	-44.69	2.399G	-40.94	2.51478G	-42.36	24.26109G	-30.79	2
2462MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	840.26M	-44.37	2.3955G	-42.19	2.5034G	-40.97	17.4788G	-30.57	1
2462MHz_TnomVnom	Pass	2.43749G	10.02	-19.98	2.01633G	-44.31	2.39718G	-44.08	2.49988G	-41.62	23.3255G	-30.24	2
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43574G	12.63	-17.37	2.10807G	-44.45	2.39698G	-29.11	2.48554G	-42.82	24.51114G	-30.42	1
2437MHz_TnomVnom	Pass	2.43574G	12.63	-17.37	2.30816G	-44.60	2.39676G	-32.89	2.4886G	-36.79	24.42123G	-29.78	1
2462MHz_TnomVnom	Pass	2.43574G	12.63	-17.37	2.17797G	-45.29	2.39472G	-43.34	2.48358G	-38.23	24.47742G	-30.83	1
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43828G	8.43	-21.57	900.84M	-45.42	2.39852G	-26.50	2.49778G	-43.29	21.9741G	-30.37	2
2437MHz_TnomVnom	Pass	2.43828G	8.43	-21.57	561.24M	-44.92	2.39478G	-39.63	2.48724G	-42.17	24.54204G	-31.01	2
2462MHz_TnomVnom	Pass	2.43828G	8.43	-21.57	2.19428G	-44.92	2.3904G	-42.89	2.48474G	-30.71	24.01946G	-29.73	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	2.16457G	-43.49	2.39982G	-28.71	2.48708G	-43.00	24.68533G	-30.27	1
2412MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	2.13253G	-44.69	2.39952G	-29.09	2.50042G	-43.27	24.86795G	-30.63	2
2437MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	1.89895G	-44.37	2.39422G	-37.83	2.4836G	-41.32	23.37607G	-31.34	1
2437MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	2.07283G	-44.70	2.39622G	-41.42	2.48412G	-41.93	17.65018G	-30.80	2
2462MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	2.14215G	-45.23	2.39622G	-43.54	2.48422G	-36.76	16.57412G	-31.35	1
2462MHz_TnomVnom	Pass	2.41695G	5.17	-24.83	731.62M	-45.09	2.39354G	-43.39	2.48384G	-38.33	16.59379G	-30.90	2
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.15496G	-44.93	2.39984G	-29.37	2.5135G	-42.51	24.14589G	-30.41	1
2412MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.00322G	-44.94	2.39848G	-30.66	2.49536G	-43.41	24.44933G	-29.02	2
2437MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.11215G	-45.20	2.39598G	-37.69	2.48378G	-41.58	23.45755G	-30.87	1
2437MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.16399G	-44.77	2.3989G	-41.02	2.48474G	-42.31	23.45474G	-30.12	2

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2462MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.17826G	-45.49	2.39024G	-44.08	2.48422G	-40.26	24.54485G	-30.75	1
2462MHz_TnomVnom	Pass	2.43574G	7.40	-22.60	2.13457G	-44.78	2.39412G	-43.25	2.48354G	-40.09	24.4999G	-30.49	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	2.0535G	-45.12	2.39452G	-32.66	2.49354G	-43.36	24.44189G	-30.45	1
2422MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	1.83109G	-44.81	2.39576G	-33.34	2.49278G	-42.25	24.48396G	-29.63	2
2437MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	1.98137G	-44.48	2.3998G	-37.58	2.48714G	-42.45	15.3467G	-30.80	1
2437MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	2.1514G	-44.37	2.39956G	-36.63	2.48746G	-42.98	24.12498G	-30.36	2
2452MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	2.30855G	-45.29	2.39804G	-43.02	2.48446G	-40.09	24.02401G	-30.42	1
2452MHz_TnomVnom	Pass	2.43194G	1.55	-28.45	1.97392G	-45.90	2.39456G	-43.74	2.4845G	-37.96	24.38861G	-30.43	2

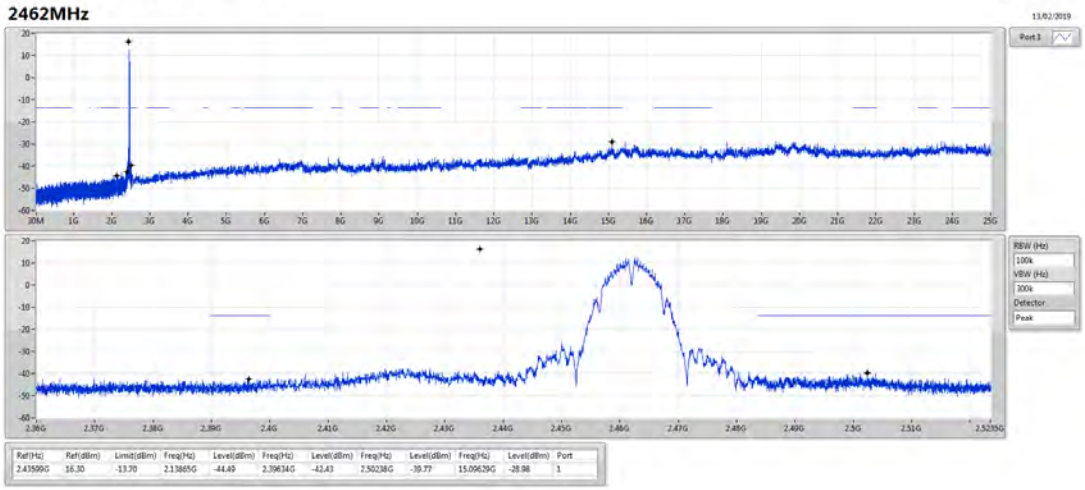
802.11b_Nss1,(1Mbps)_1TX(Port1)
CSE NdB
2412MHz



802.11b_Nss1,(1Mbps)_1TX(Port1)
CSE NdB
2437MHz

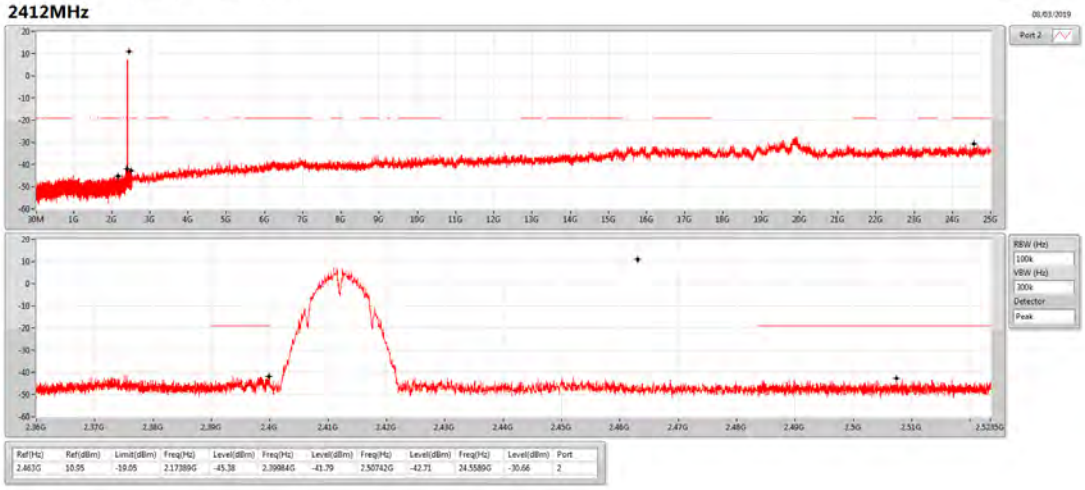


802.11b_Nss1,(1Mbps)_1TX(Port1)
CSE NdB
2462MHz



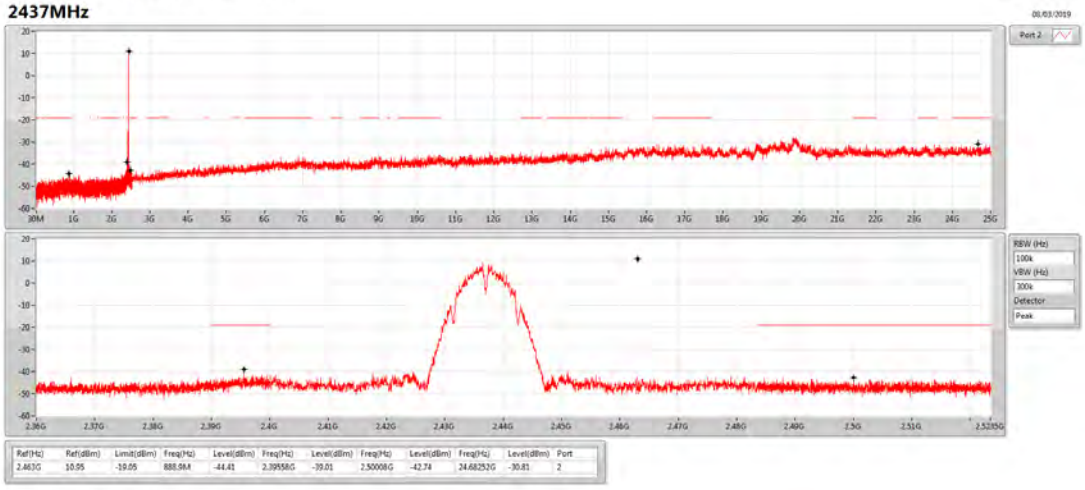
802.11b_Nss1,(1Mbps)_1TX(Port2) CSE NdB

2412MHz



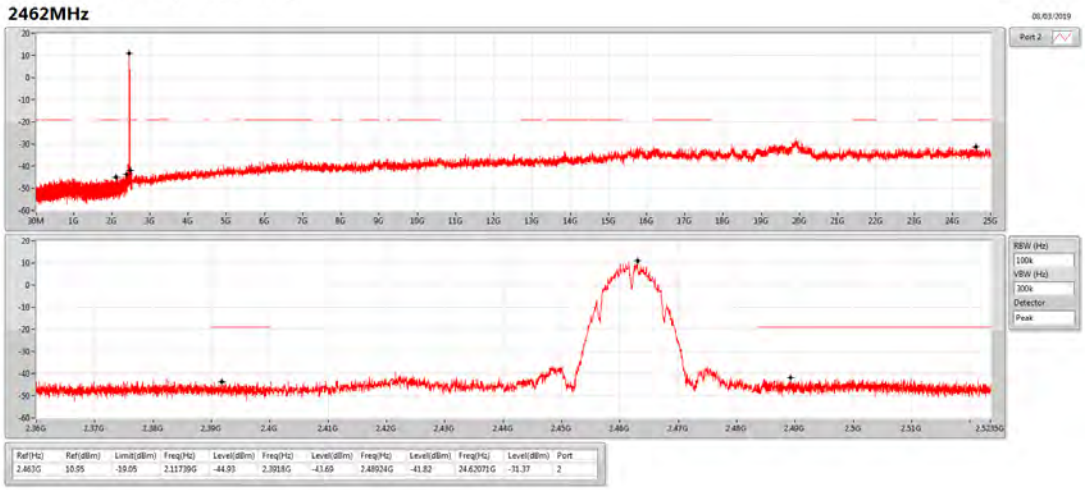
802.11b_Nss1,(1Mbps)_1TX(Port2) CSE NdB

2437MHz

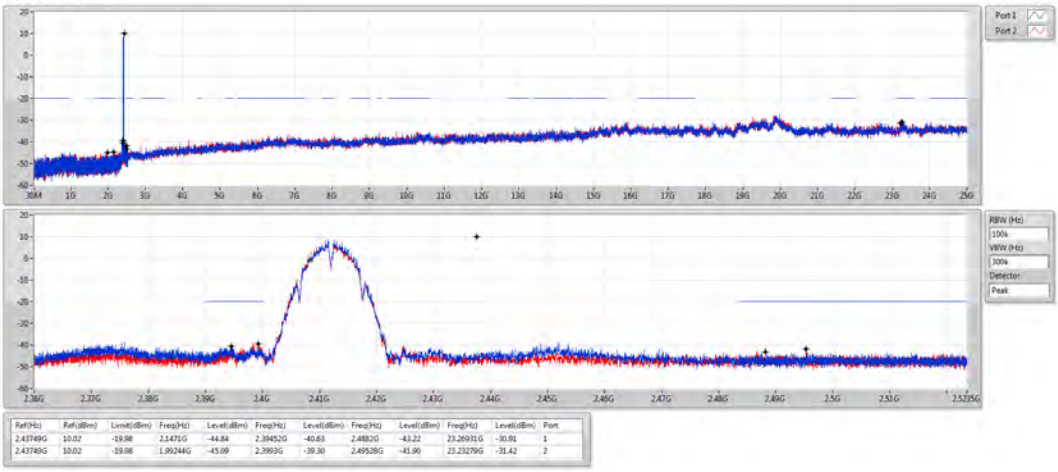


802.11b_Nss1,(1Mbps)_1TX(Port2) CSE NdB

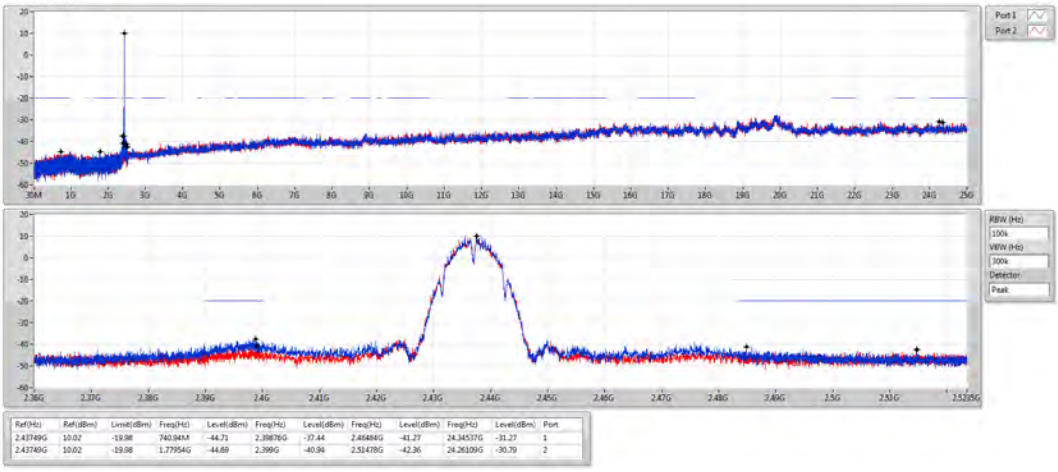
2462MHz



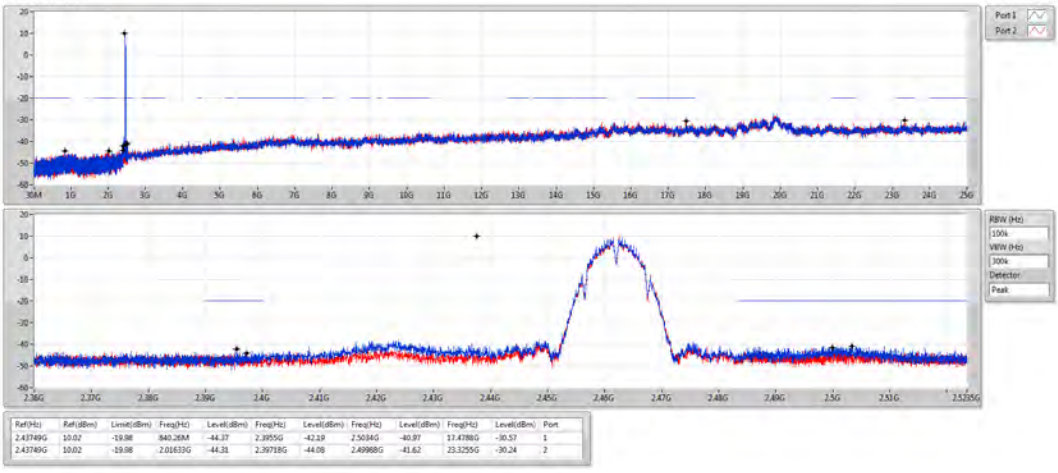
802.11b_Nss1,(1Mbps)_2TX
2412MHz
CSE NdB



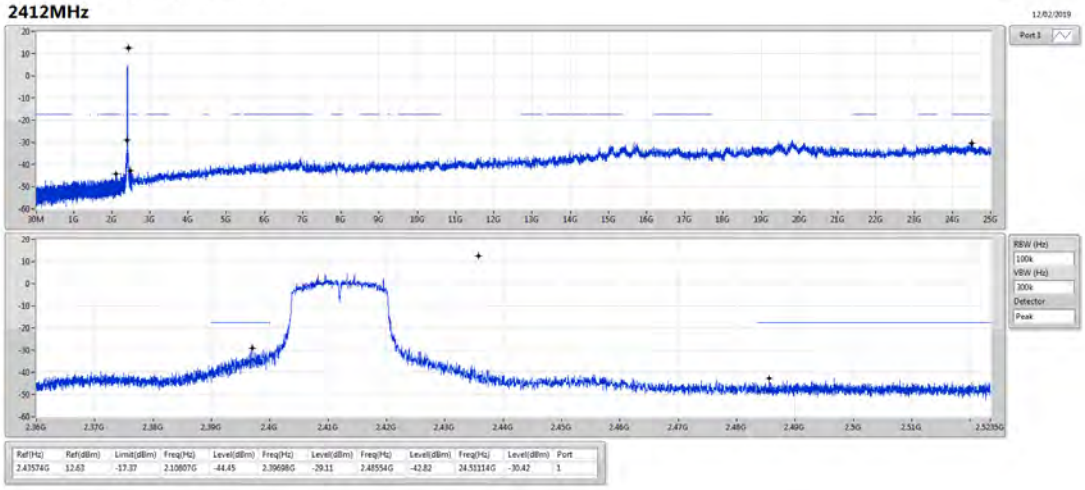
802.11b_Nss1,(1Mbps)_2TX
2437MHz
CSE NdB



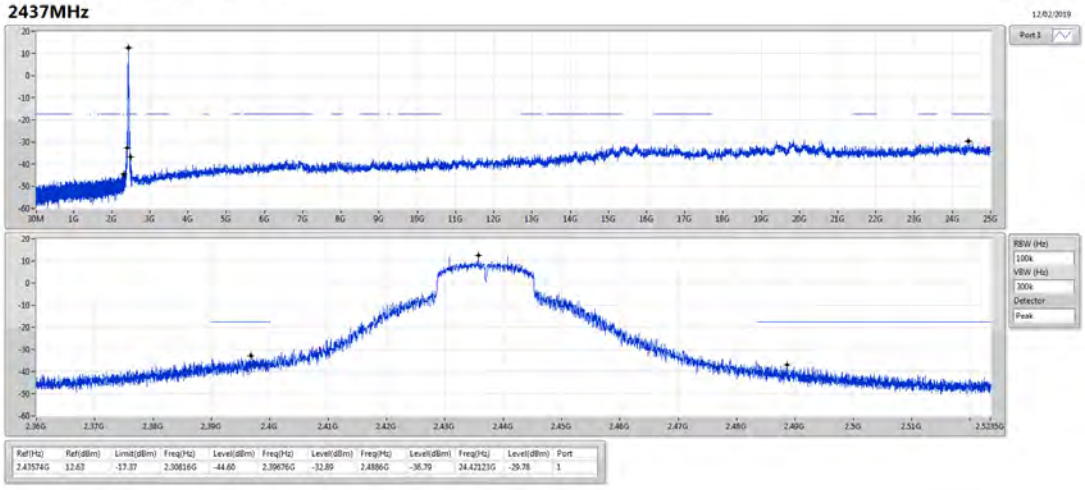
802.11b_Nss1,(1Mbps)_2TX
2462MHz
CSE NdB



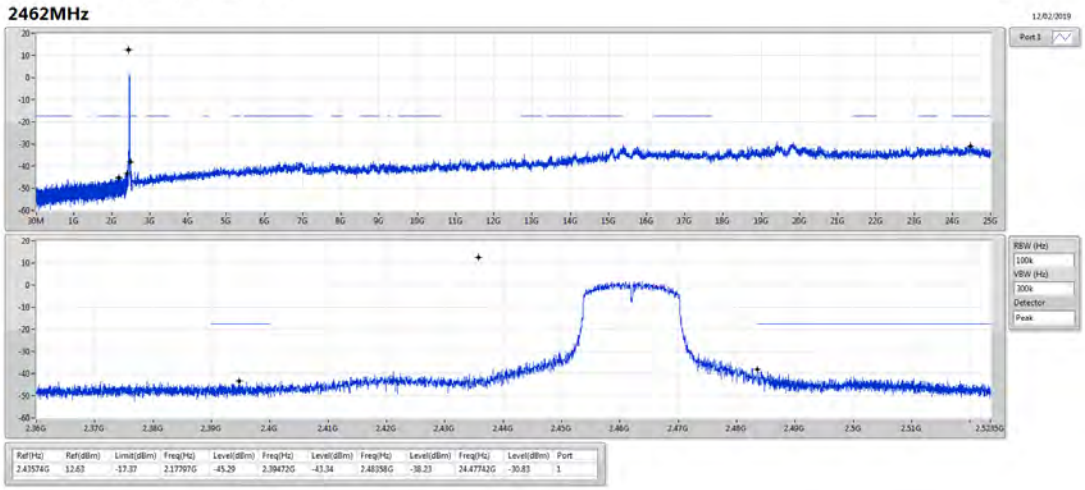
802.11g_Nss1,(6Mbps)_1TX(Port1)
CSE NdB
2412MHz



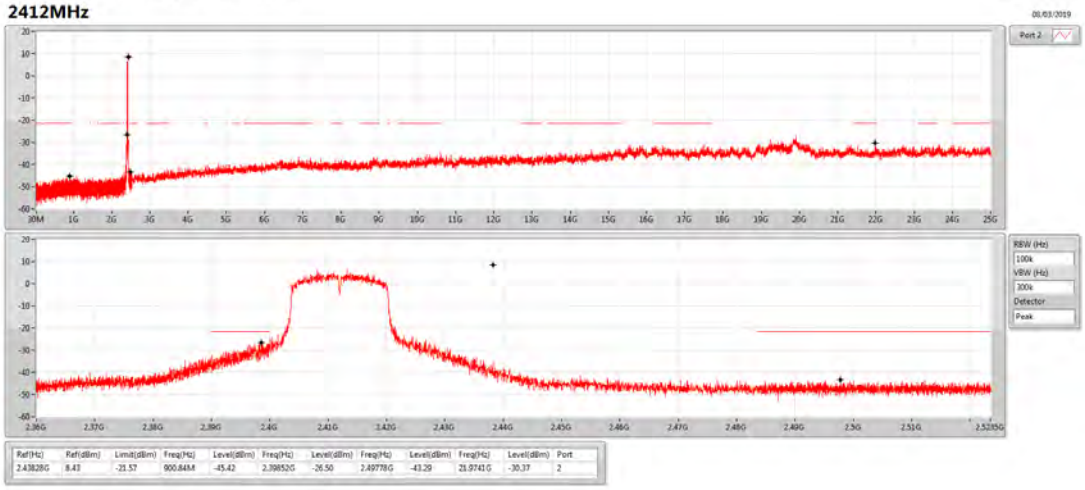
802.11g_Nss1,(6Mbps)_1TX(Port1)
CSE NdB
2437MHz



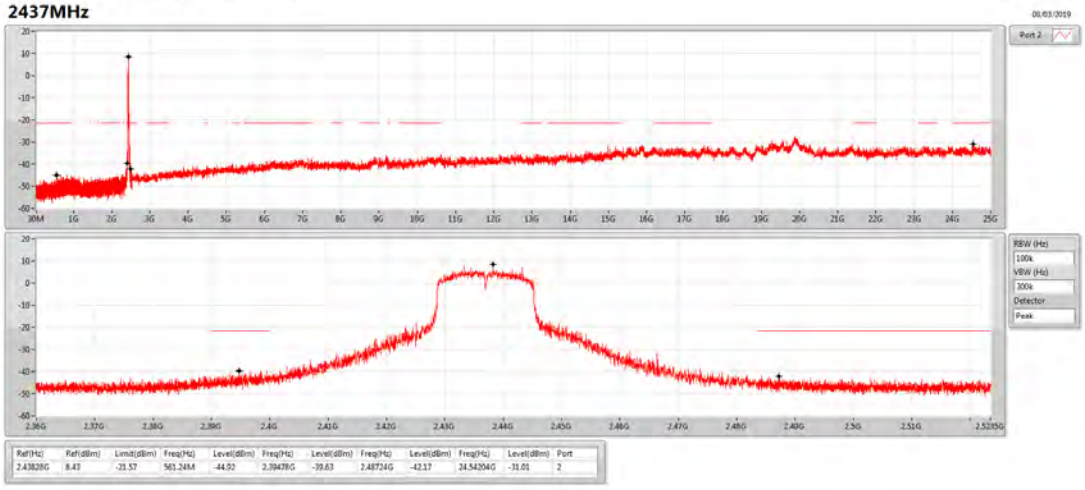
802.11g_Nss1,(6Mbps)_1TX(Port1)
CSE NdB
2462MHz



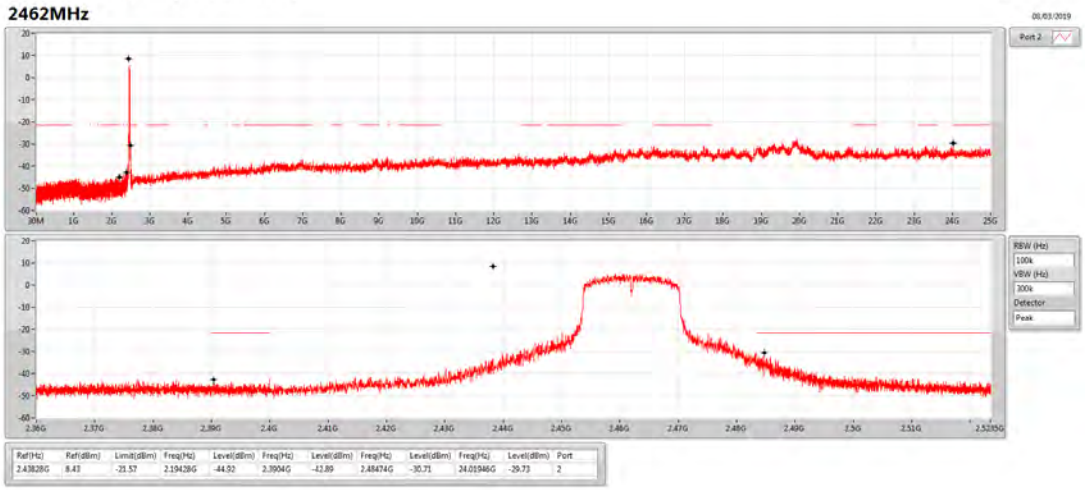
802.11g_Nss1,(6Mbps)_1TX(Port2)
CSE NdB
2412MHz



802.11g_Nss1,(6Mbps)_1TX(Port2)
CSE NdB
2437MHz

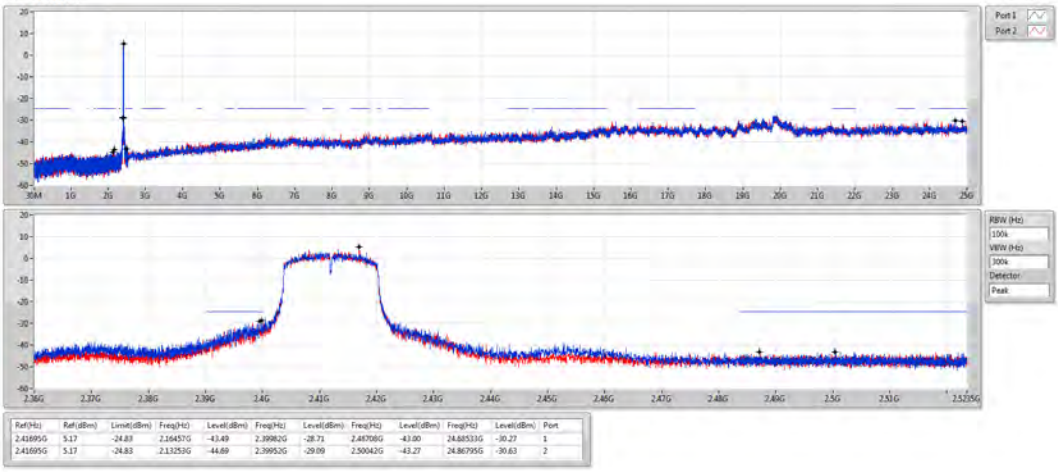


802.11g_Nss1,(6Mbps)_1TX(Port2)
CSE NdB
2462MHz



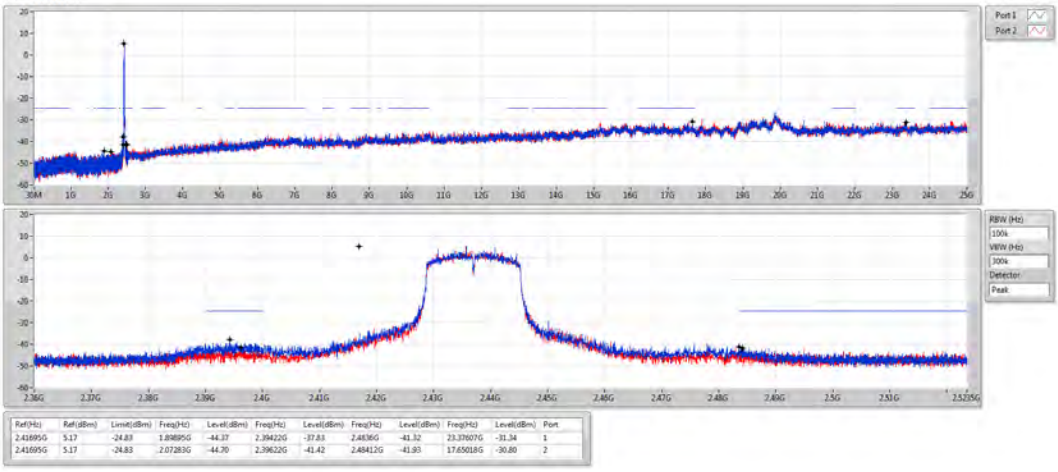
802.11g_Nss1,(6Mbps)_2TX CSE NdB

2412MHz



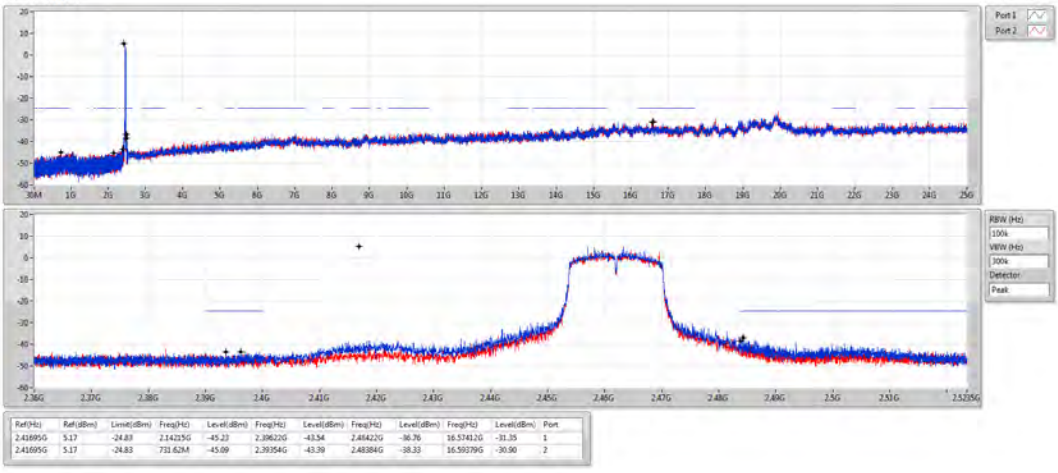
802.11g_Nss1,(6Mbps)_2TX CSE NdB

2437MHz



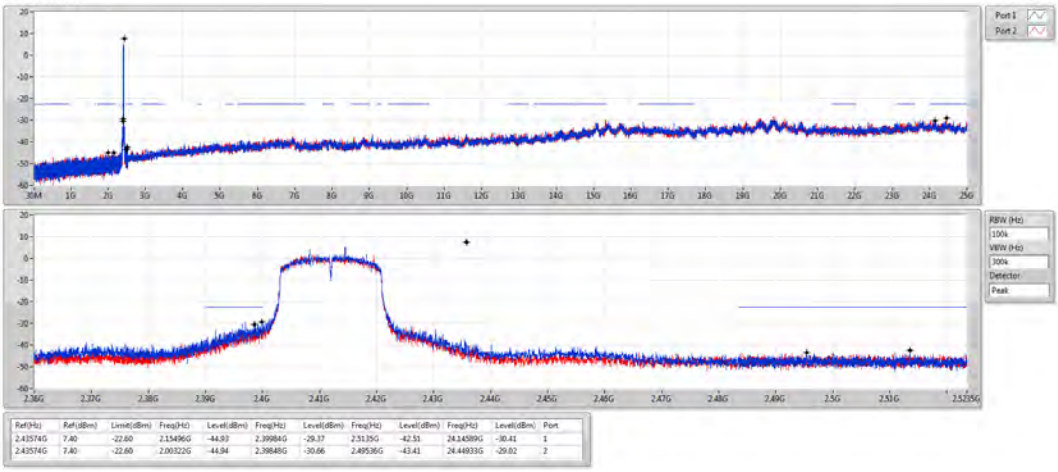
802.11g_Nss1,(6Mbps)_2TX CSE NdB

2462MHz



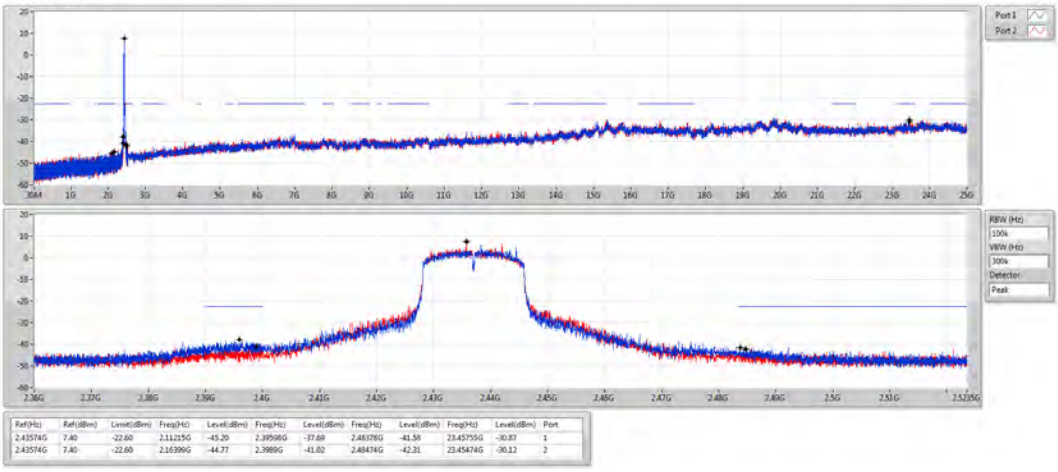
802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

2412MHz



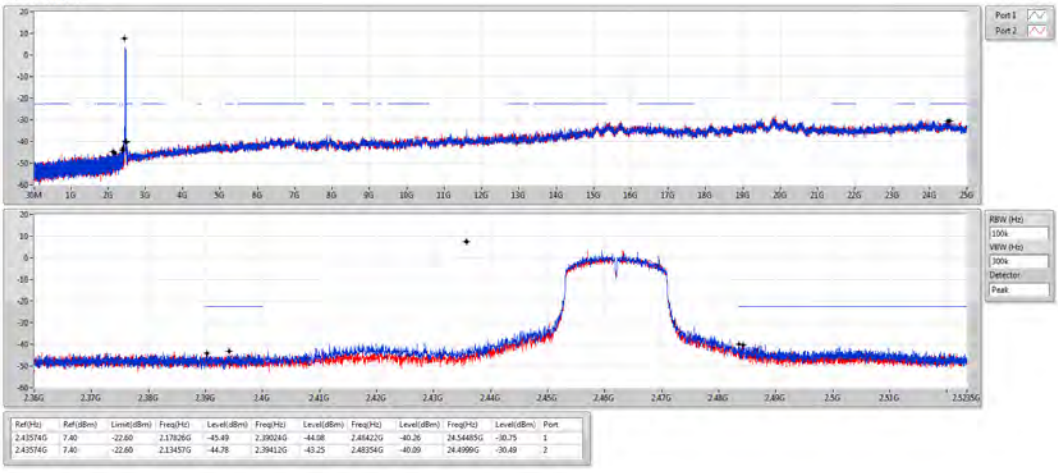
802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz

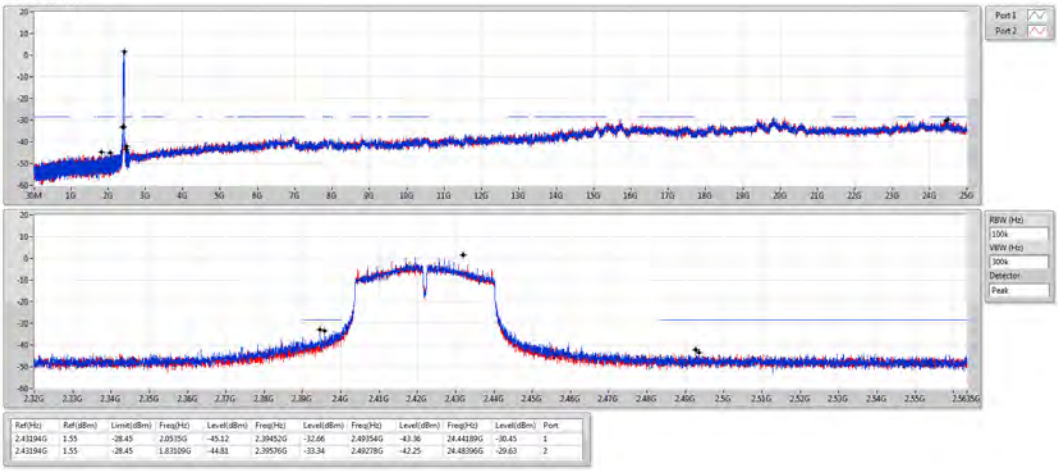


802.11n HT20_Nss1,(MCS0)_2TX **CSE NdB**

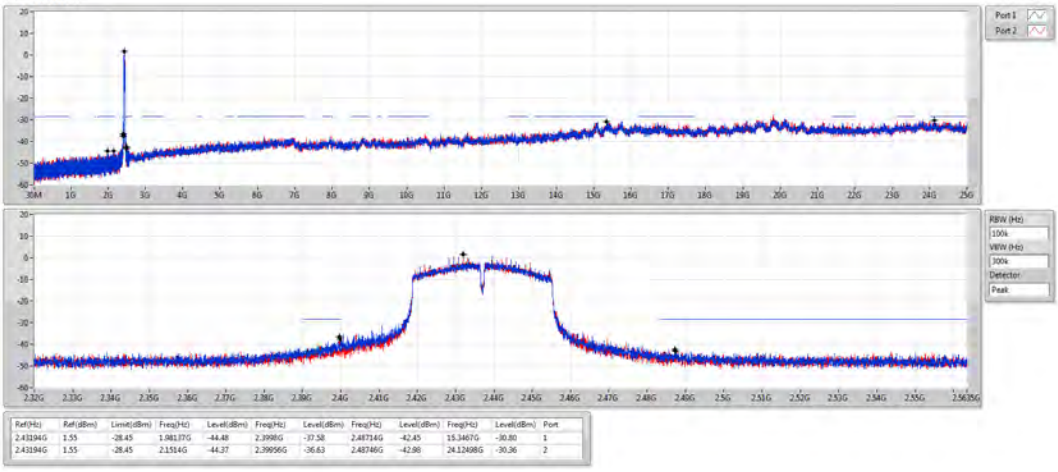
2462MHz



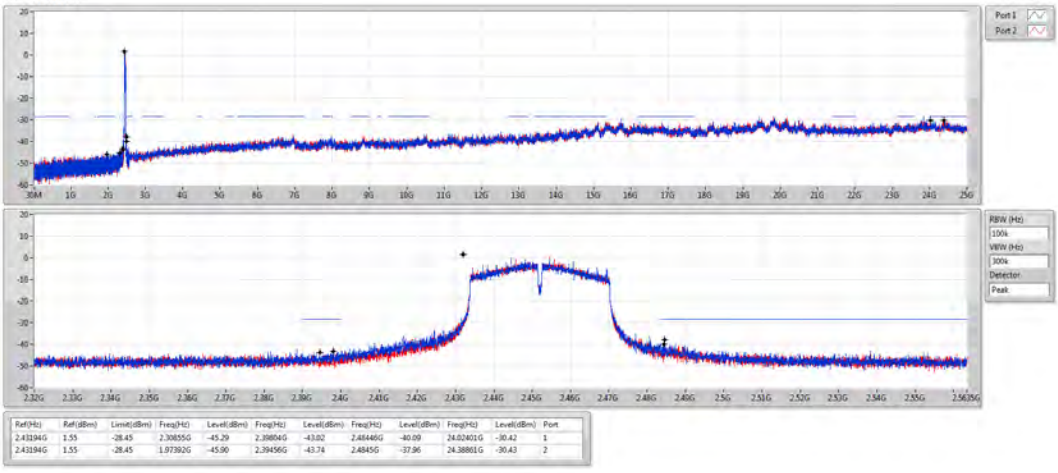
802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2422MHz



802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2437MHz



802.11n HT40_Nss1,(MCS0)_2TX
CSE NdB
2452MHz



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	QP	54.87M	38.95	40.00	-1.05	-13.92	3	Vertical	177	2.05	-

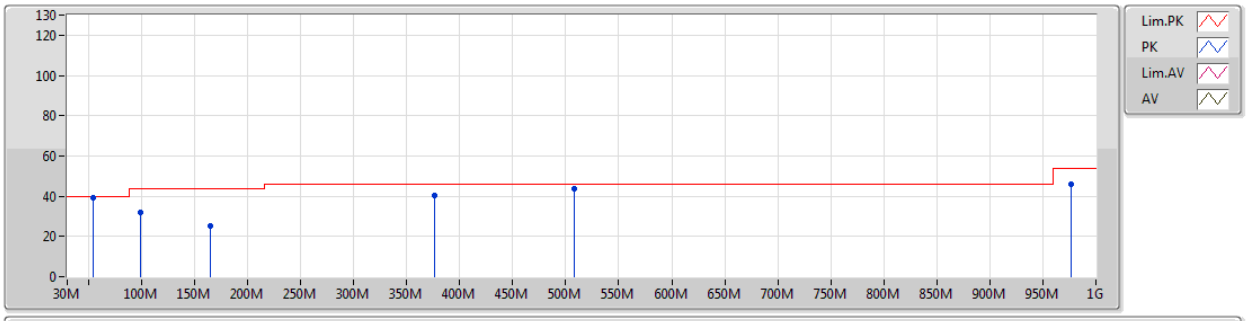
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	QP	54.87M	38.95	40.00	-1.05	-13.92	3	Vertical	177	2.05	-
2437MHz_PoE	Pass	PK	98.88M	32.05	43.50	-11.45	-9.51	3	Vertical	0	1.00	-
2437MHz_PoE	Pass	PK	164.96M	25.20	43.50	-18.30	-9.81	3	Vertical	0	1.00	-
2437MHz_PoE	Pass	PK	375.83M	40.25	46.00	-5.75	-4.06	3	Vertical	0	1.00	-
2437MHz_PoE	Pass	PK	507.97M	43.45	46.00	-2.55	-1.64	3	Vertical	0	1.00	-
2437MHz_PoE	Pass	PK	976.1M	45.78	54.00	-8.22	4.26	3	Vertical	0	1.00	-
2437MHz_PoE	Pass	PK	37.03M	32.69	40.00	-7.31	-6.68	3	Horizontal	360	1.00	-
2437MHz_PoE	Pass	PK	53.9M	29.64	40.00	-10.36	-13.69	3	Horizontal	360	1.00	-
2437MHz_PoE	Pass	PK	98.88M	29.83	43.50	-13.67	-9.51	3	Horizontal	360	1.00	-
2437MHz_PoE	Pass	PK	374.42M	44.39	46.00	-1.61	-4.09	3	Horizontal	360	1.00	-
2437MHz_PoE	Pass	PK	493.91M	43.60	46.00	-2.40	-1.57	3	Horizontal	360	1.00	-
2437MHz_PoE	Pass	PK	976.1M	49.10	54.00	-4.90	4.26	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE

14/02/2019

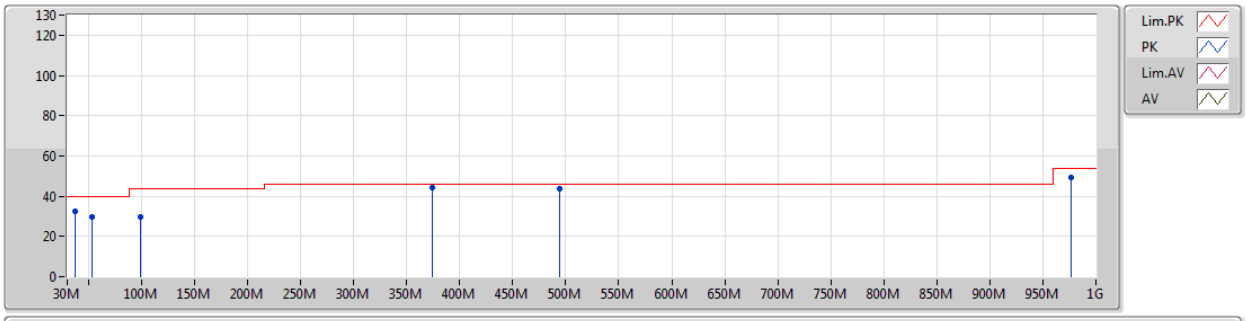


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
QP	54.87M	38.95	40.00	-1.05	-13.92	3	Vertical	177	2.05	-
PK	98.88M	32.05	43.50	-11.45	-9.51	3	Vertical	0	1.00	-
PK	164.96M	25.20	43.50	-18.30	-9.81	3	Vertical	0	1.00	-
PK	375.83M	40.25	46.00	-5.75	-4.06	3	Vertical	0	1.00	-
PK	507.97M	43.45	46.00	-2.55	-1.64	3	Vertical	0	1.00	-
PK	976.1M	45.78	54.00	-8.22	4.26	3	Vertical	0	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_PoE

14/02/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	37.03M	32.69	40.00	-7.31	-6.68	3	Horizontal	360	1.00	-
PK	53.9M	29.64	40.00	-10.36	-13.69	3	Horizontal	360	1.00	-
PK	98.88M	29.83	43.50	-13.67	-9.51	3	Horizontal	360	1.00	-
PK	374.42M	44.39	46.00	-1.61	-4.09	3	Horizontal	360	1.00	-
PK	493.91M	43.60	46.00	-2.40	-1.57	3	Horizontal	360	1.00	-
PK	976.1M	49.10	54.00	-4.90	4.26	3	Horizontal	360	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	Pass	AV	2.374G	53.84	54.00	-0.16	30.72	3	Horizontal	11	2.53	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	Pass	AV	4.924G	53.76	54.00	-0.24	8.77	3	Vertical	162	2.85	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.87394G	53.85	54.00	-0.15	8.65	3	Vertical	176	2.83	-
802.11g_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	2.39G	53.80	54.00	-0.20	30.77	3	Horizontal	11	2.86	-
802.11g_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	2.3898G	53.71	54.00	-0.29	34.71	3	Vertical	324	1.50	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3898G	53.90	54.00	-0.10	34.71	3	Horizontal	32	2.37	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.85	54.00	-0.15	30.69	3	Horizontal	30	2.61	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.3852G	53.67	54.00	-0.33	30.67	3	Vertical	316	2.56	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3736G	47.99	54.00	-6.01	30.72	3	Vertical	80	2.99	-
2412MHz	Pass	AV	2.4128G	100.82	Inf	-Inf	30.86	3	Vertical	80	2.99	-
2412MHz	Pass	PK	2.3738G	60.28	74.00	-13.72	30.72	3	Vertical	80	2.99	-
2412MHz	Pass	PK	2.4128G	103.13	Inf	-Inf	30.86	3	Vertical	80	2.99	-
2412MHz	Pass	AV	2.374G	53.84	54.00	-0.16	30.72	3	Horizontal	11	2.53	-
2412MHz	Pass	AV	2.4112G	107.81	Inf	-Inf	30.85	3	Horizontal	11	2.53	-
2412MHz	Pass	PK	2.3736G	66.25	74.00	-7.75	30.72	3	Horizontal	11	2.53	-
2412MHz	Pass	PK	2.411G	109.97	Inf	-Inf	30.85	3	Horizontal	11	2.53	-
2412MHz	Pass	AV	4.824G	46.67	54.00	-7.33	2.13	3	Vertical	182	1.05	-
2412MHz	Pass	PK	4.82388G	49.75	74.00	-24.25	2.13	3	Vertical	182	1.05	-
2412MHz	Pass	AV	4.824G	44.14	54.00	-9.86	2.13	3	Horizontal	112	1.55	-
2412MHz	Pass	PK	4.82406G	48.04	74.00	-25.96	2.13	3	Horizontal	112	1.55	-
2417MHz	Pass	AV	2.3888G	49.44	54.00	-4.56	30.77	3	Vertical	85	2.87	-
2417MHz	Pass	AV	2.4162G	101.32	Inf	-Inf	30.87	3	Vertical	85	2.87	-
2417MHz	Pass	PK	2.3752G	61.87	74.00	-12.13	30.72	3	Vertical	85	2.87	-
2417MHz	Pass	PK	2.4162G	103.81	Inf	-Inf	30.87	3	Vertical	85	2.87	-
2417MHz	Pass	AV	2.3886G	53.80	54.00	-0.20	30.77	3	Horizontal	9	2.74	-
2417MHz	Pass	AV	2.4162G	108.84	Inf	-Inf	30.87	3	Horizontal	9	2.74	-
2417MHz	Pass	PK	2.3784G	65.92	74.00	-8.08	30.73	3	Horizontal	9	2.74	-
2417MHz	Pass	PK	2.4162G	110.97	Inf	-Inf	30.87	3	Horizontal	9	2.74	-
2437MHz	Pass	AV	2.3862G	45.37	54.00	-8.63	30.76	3	Vertical	103	2.99	-
2437MHz	Pass	AV	2.4362G	103.00	Inf	-Inf	30.94	3	Vertical	103	2.99	-
2437MHz	Pass	AV	2.4914G	45.62	54.00	-8.38	31.14	3	Vertical	103	2.99	-
2437MHz	Pass	PK	2.3746G	58.08	74.00	-15.92	30.72	3	Vertical	103	2.99	-
2437MHz	Pass	PK	2.4362G	105.19	Inf	-Inf	30.94	3	Vertical	103	2.99	-
2437MHz	Pass	PK	2.485G	58.89	74.00	-15.11	31.12	3	Vertical	103	2.99	-
2437MHz	Pass	AV	2.3814G	51.61	54.00	-2.39	30.75	3	Horizontal	19	1.50	-
2437MHz	Pass	AV	2.4362G	110.57	Inf	-Inf	30.94	3	Horizontal	19	1.50	-
2437MHz	Pass	AV	2.4835G	50.62	54.00	-3.38	31.11	3	Horizontal	19	1.50	-
2437MHz	Pass	PK	2.3786G	65.18	74.00	-8.82	30.74	3	Horizontal	19	1.50	-
2437MHz	Pass	PK	2.4362G	112.72	Inf	-Inf	30.94	3	Horizontal	19	1.50	-
2437MHz	Pass	PK	2.485G	62.76	74.00	-11.24	31.12	3	Horizontal	19	1.50	-
2437MHz	Pass	AV	4.874G	48.43	54.00	-5.57	2.25	3	Vertical	342	1.61	-
2437MHz	Pass	PK	4.87388G	52.06	74.00	-21.94	2.25	3	Vertical	342	1.61	-
2437MHz	Pass	AV	4.874G	53.80	54.00	-0.20	2.25	3	Horizontal	131	1.61	-
2437MHz	Pass	PK	4.874G	56.19	74.00	-17.81	2.25	3	Horizontal	131	1.61	-
2457MHz	Pass	AV	2.4562G	100.89	Inf	-Inf	31.01	3	Vertical	91	2.07	-
2457MHz	Pass	AV	2.4866G	45.74	54.00	-8.26	31.12	3	Vertical	91	2.07	-
2457MHz	Pass	PK	2.4562G	103.10	Inf	-Inf	31.01	3	Vertical	91	2.07	-
2457MHz	Pass	PK	2.4946G	57.46	74.00	-16.54	31.15	3	Vertical	91	2.07	-
2457MHz	Pass	AV	2.4562G	109.05	Inf	-Inf	31.01	3	Horizontal	20	2.25	-
2457MHz	Pass	AV	2.4866G	53.24	54.00	-0.76	31.12	3	Horizontal	20	2.25	-
2457MHz	Pass	PK	2.4562G	111.20	Inf	-Inf	31.01	3	Horizontal	20	2.25	-
2457MHz	Pass	PK	2.485G	62.85	74.00	-11.15	31.12	3	Horizontal	20	2.25	-
2462MHz	Pass	AV	2.4612G	101.31	Inf	-Inf	31.03	3	Vertical	111	2.62	-
2462MHz	Pass	AV	2.4835G	46.97	54.00	-7.03	31.11	3	Vertical	111	2.62	-
2462MHz	Pass	PK	2.4612G	103.59	Inf	-Inf	31.03	3	Vertical	111	2.62	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4844G	59.38	74.00	-14.62	31.12	3	Vertical	111	2.62	-
2462MHz	Pass	AV	2.4612G	107.37	Inf	-Inf	31.03	3	Horizontal	25	2.11	-
2462MHz	Pass	AV	2.4846G	53.62	54.00	-0.38	31.12	3	Horizontal	25	2.11	-
2462MHz	Pass	PK	2.4612G	109.73	Inf	-Inf	31.03	3	Horizontal	25	2.11	-
2462MHz	Pass	PK	2.4836G	62.92	74.00	-11.08	31.11	3	Horizontal	25	2.11	-
2462MHz	Pass	AV	4.92394G	41.59	54.00	-12.41	2.38	3	Vertical	184	1.68	-
2462MHz	Pass	PK	4.924G	46.96	74.00	-27.04	2.38	3	Vertical	184	1.68	-
2462MHz	Pass	AV	4.924G	38.95	54.00	-15.05	2.38	3	Horizontal	116	1.62	-
2462MHz	Pass	PK	4.92412G	45.79	74.00	-28.21	2.38	3	Horizontal	116	1.62	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3746G	50.96	54.00	-3.04	34.64	3	Vertical	322	1.22	-
2412MHz	Pass	AV	2.4128G	100.37	Inf	-Inf	34.82	3	Vertical	322	1.22	-
2412MHz	Pass	PK	2.3682G	62.16	74.00	-11.84	34.61	3	Vertical	322	1.22	-
2412MHz	Pass	PK	2.4128G	102.49	Inf	-Inf	34.82	3	Vertical	322	1.22	-
2412MHz	Pass	AV	2.3752G	50.16	54.00	-3.84	34.64	3	Horizontal	70	1.03	-
2412MHz	Pass	AV	2.4128G	93.60	Inf	-Inf	34.82	3	Horizontal	70	1.03	-
2412MHz	Pass	PK	2.365G	62.21	74.00	-11.79	34.60	3	Horizontal	70	1.03	-
2412MHz	Pass	PK	2.4128G	95.72	Inf	-Inf	34.82	3	Horizontal	70	1.03	-
2412MHz	Pass	AV	4.82396G	53.71	54.00	-0.29	8.53	3	Vertical	170	2.99	-
2412MHz	Pass	PK	4.82394G	57.34	74.00	-16.66	8.53	3	Vertical	170	2.99	-
2412MHz	Pass	AV	4.82398G	49.72	54.00	-4.28	8.53	3	Horizontal	117	1.50	-
2412MHz	Pass	PK	4.82414G	54.03	74.00	-19.97	8.53	3	Horizontal	117	1.50	-
2417MHz	Pass	AV	2.3788G	50.99	54.00	-3.01	34.67	3	Vertical	322	1.27	-
2417MHz	Pass	AV	2.4162G	101.93	Inf	-Inf	34.83	3	Vertical	322	1.27	-
2417MHz	Pass	PK	2.378G	62.65	74.00	-11.35	34.65	3	Vertical	322	1.27	-
2417MHz	Pass	PK	2.416G	103.95	Inf	-Inf	34.83	3	Vertical	322	1.27	-
2417MHz	Pass	AV	2.3792G	50.19	54.00	-3.81	34.67	3	Horizontal	60	2.59	-
2417MHz	Pass	AV	2.4178G	95.79	Inf	-Inf	34.84	3	Horizontal	60	2.59	-
2417MHz	Pass	PK	2.374G	61.78	74.00	-12.22	34.64	3	Horizontal	60	2.59	-
2417MHz	Pass	PK	2.4178G	97.89	Inf	-Inf	34.84	3	Horizontal	60	2.59	-
2437MHz	Pass	AV	2.3894G	50.29	54.00	-3.71	34.71	3	Vertical	326	1.48	-
2437MHz	Pass	AV	2.4362G	102.29	Inf	-Inf	34.92	3	Vertical	326	1.48	-
2437MHz	Pass	AV	2.4835G	51.45	54.00	-2.55	35.14	3	Vertical	326	1.48	-
2437MHz	Pass	PK	2.367G	62.02	74.00	-11.98	34.61	3	Vertical	326	1.48	-
2437MHz	Pass	PK	2.4362G	104.30	Inf	-Inf	34.92	3	Vertical	326	1.48	-
2437MHz	Pass	PK	2.4898G	63.38	74.00	-10.62	35.17	3	Vertical	326	1.48	-
2437MHz	Pass	AV	2.3898G	50.00	54.00	-4.00	34.71	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	2.4362G	96.31	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	2.4994G	51.24	54.00	-2.76	35.21	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.357G	61.65	74.00	-12.35	34.56	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.4362G	98.34	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.4846G	62.87	74.00	-11.13	35.15	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	4.87394G	53.45	54.00	-0.55	8.65	3	Vertical	154	2.91	-
2437MHz	Pass	AV	7.31172G	48.24	54.00	-5.76	12.85	3	Vertical	190	1.24	-
2437MHz	Pass	PK	4.874G	56.83	74.00	-17.17	8.65	3	Vertical	154	2.91	-
2437MHz	Pass	PK	7.31118G	56.00	74.00	-18.00	12.85	3	Vertical	190	1.24	-
2437MHz	Pass	AV	4.87394G	50.49	54.00	-3.51	8.65	3	Horizontal	110	1.50	-
2437MHz	Pass	AV	7.31004G	44.21	54.00	-9.79	12.85	3	Horizontal	281	1.50	-
2437MHz	Pass	PK	4.874G	54.51	74.00	-19.49	8.65	3	Horizontal	110	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	Pass	PK	7.30998G	53.96	74.00	-20.04	12.85	3	Horizontal	281	1.50	-
2457MHz	Pass	AV	2.4562G	109.30	Inf	-Inf	35.01	3	Vertical	311	1.98	-
2457MHz	Pass	AV	2.4838G	53.67	54.00	-0.33	35.15	3	Vertical	311	1.98	-
2457MHz	Pass	PK	2.456G	111.19	Inf	-Inf	35.01	3	Vertical	311	1.98	-
2457MHz	Pass	PK	2.484G	64.19	74.00	-9.81	35.15	3	Vertical	311	1.98	-
2457MHz	Pass	AV	2.4578G	100.97	Inf	-Inf	35.02	3	Horizontal	152	1.48	-
2457MHz	Pass	AV	2.4926G	51.49	54.00	-2.51	35.18	3	Horizontal	152	1.48	-
2457MHz	Pass	PK	2.4578G	103.04	Inf	-Inf	35.02	3	Horizontal	152	1.48	-
2457MHz	Pass	PK	2.4984G	63.41	74.00	-10.59	35.20	3	Horizontal	152	1.48	-
2462MHz	Pass	AV	2.4628G	103.44	Inf	-Inf	35.04	3	Vertical	336	1.25	-
2462MHz	Pass	AV	2.5G	51.81	54.00	-2.19	35.22	3	Vertical	336	1.25	-
2462MHz	Pass	PK	2.4612G	105.65	Inf	-Inf	35.03	3	Vertical	336	1.25	-
2462MHz	Pass	PK	2.4894G	63.31	74.00	-10.69	35.17	3	Vertical	336	1.25	-
2462MHz	Pass	AV	2.4628G	95.85	Inf	-Inf	35.04	3	Horizontal	158	1.49	-
2462MHz	Pass	AV	2.4988G	51.25	54.00	-2.75	35.21	3	Horizontal	158	1.49	-
2462MHz	Pass	PK	2.4628G	97.89	Inf	-Inf	35.04	3	Horizontal	158	1.49	-
2462MHz	Pass	PK	2.4976G	62.92	74.00	-11.08	35.20	3	Horizontal	158	1.49	-
2462MHz	Pass	AV	4.924G	53.76	54.00	-0.24	8.77	3	Vertical	162	2.85	-
2462MHz	Pass	AV	7.38516G	47.69	54.00	-6.31	12.95	3	Vertical	181	1.31	-
2462MHz	Pass	PK	4.92388G	56.51	74.00	-17.49	8.77	3	Vertical	162	2.85	-
2462MHz	Pass	PK	7.38564G	55.49	74.00	-18.51	12.95	3	Vertical	181	1.31	-
2462MHz	Pass	AV	4.92394G	50.54	54.00	-3.46	8.77	3	Horizontal	122	1.61	-
2462MHz	Pass	AV	7.3851G	43.03	54.00	-10.97	12.95	3	Horizontal	163	1.49	-
2462MHz	Pass	PK	4.924G	54.43	74.00	-19.57	8.77	3	Horizontal	122	1.61	-
2462MHz	Pass	PK	7.38426G	53.52	74.00	-20.48	12.95	3	Horizontal	163	1.49	-
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3738G	52.16	54.00	-1.84	34.64	3	Vertical	305	2.15	-
2412MHz	Pass	AV	2.4128G	103.57	Inf	-Inf	34.82	3	Vertical	305	2.15	-
2412MHz	Pass	PK	2.3738G	63.37	74.00	-10.63	34.64	3	Vertical	305	2.15	-
2412MHz	Pass	PK	2.4128G	105.61	Inf	-Inf	34.82	3	Vertical	305	2.15	-
2412MHz	Pass	AV	2.3738G	52.16	54.00	-1.84	34.64	3	Horizontal	29	1.01	-
2412MHz	Pass	AV	2.4112G	99.18	Inf	-Inf	34.81	3	Horizontal	29	1.01	-
2412MHz	Pass	PK	2.3692G	64.24	74.00	-9.76	34.62	3	Horizontal	29	1.01	-
2412MHz	Pass	PK	2.411G	101.33	Inf	-Inf	34.81	3	Horizontal	29	1.01	-
2412MHz	Pass	AV	4.824G	53.36	54.00	-0.64	8.53	3	Vertical	171	2.85	-
2412MHz	Pass	PK	4.82394G	56.30	74.00	-17.70	8.53	3	Vertical	171	2.85	-
2412MHz	Pass	AV	4.824G	50.00	54.00	-4.00	8.53	3	Horizontal	117	1.50	-
2412MHz	Pass	PK	4.82406G	53.96	74.00	-20.04	8.53	3	Horizontal	117	1.50	-
2417MHz	Pass	AV	2.3788G	52.40	54.00	-1.60	34.67	3	Vertical	310	2.16	-
2417MHz	Pass	AV	2.4162G	104.48	Inf	-Inf	34.83	3	Vertical	310	2.16	-
2417MHz	Pass	PK	2.3726G	63.76	74.00	-10.24	34.63	3	Vertical	310	2.16	-
2417MHz	Pass	PK	2.416G	106.46	Inf	-Inf	34.83	3	Vertical	310	2.16	-
2417MHz	Pass	AV	2.3778G	53.76	54.00	-0.24	34.65	3	Horizontal	32	1.01	-
2417MHz	Pass	AV	2.4162G	105.26	Inf	-Inf	34.83	3	Horizontal	32	1.01	-
2417MHz	Pass	PK	2.381G	64.60	74.00	-9.40	34.67	3	Horizontal	32	1.01	-
2417MHz	Pass	PK	2.416G	107.27	Inf	-Inf	34.83	3	Horizontal	32	1.01	-
2437MHz	Pass	AV	2.3894G	51.08	54.00	-2.92	34.71	3	Vertical	321	2.56	-
2437MHz	Pass	AV	2.4362G	105.88	Inf	-Inf	34.92	3	Vertical	321	2.56	-
2437MHz	Pass	AV	2.4838G	52.00	54.00	-2.00	35.15	3	Vertical	321	2.56	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3438G	62.51	74.00	-11.49	34.50	3	Vertical	321	2.56	-
2437MHz	Pass	PK	2.4362G	107.92	Inf	-Inf	34.92	3	Vertical	321	2.56	-
2437MHz	Pass	PK	2.491G	63.24	74.00	-10.76	35.17	3	Vertical	321	2.56	-
2437MHz	Pass	AV	2.3894G	52.05	54.00	-1.95	34.71	3	Horizontal	0	1.96	-
2437MHz	Pass	AV	2.4362G	103.69	Inf	-Inf	34.92	3	Horizontal	0	1.96	-
2437MHz	Pass	AV	2.4838G	52.26	54.00	-1.74	35.15	3	Horizontal	0	1.96	-
2437MHz	Pass	PK	2.3766G	62.84	74.00	-11.16	34.65	3	Horizontal	0	1.96	-
2437MHz	Pass	PK	2.4362G	105.76	Inf	-Inf	34.92	3	Horizontal	0	1.96	-
2437MHz	Pass	PK	2.4994G	63.75	74.00	-10.25	35.21	3	Horizontal	0	1.96	-
2437MHz	Pass	AV	4.87394G	53.85	54.00	-0.15	8.65	3	Vertical	176	2.83	-
2437MHz	Pass	AV	7.31178G	48.05	54.00	-5.95	12.85	3	Vertical	194	1.30	-
2437MHz	Pass	PK	4.87406G	56.86	74.00	-17.14	8.65	3	Vertical	176	2.83	-
2437MHz	Pass	PK	7.31178G	55.42	74.00	-18.58	12.85	3	Vertical	194	1.30	-
2437MHz	Pass	AV	4.87394G	50.62	54.00	-3.38	8.65	3	Horizontal	121	1.75	-
2437MHz	Pass	AV	7.31184G	43.22	54.00	-10.78	12.85	3	Horizontal	284	1.50	-
2437MHz	Pass	PK	4.87394G	54.20	74.00	-19.80	8.65	3	Horizontal	121	1.75	-
2437MHz	Pass	PK	7.31178G	53.58	74.00	-20.42	12.85	3	Horizontal	284	1.50	-
2457MHz	Pass	AV	2.4562G	101.90	Inf	-Inf	35.01	3	Vertical	320	1.54	-
2457MHz	Pass	AV	2.4992G	51.80	54.00	-2.20	35.21	3	Vertical	320	1.54	-
2457MHz	Pass	PK	2.456G	104.32	Inf	-Inf	35.01	3	Vertical	320	1.54	-
2457MHz	Pass	PK	2.4844G	63.15	74.00	-10.85	35.15	3	Vertical	320	1.54	-
2457MHz	Pass	AV	2.4562G	105.68	Inf	-Inf	35.01	3	Horizontal	35	2.13	-
2457MHz	Pass	AV	2.4964G	53.74	54.00	-0.26	35.20	3	Horizontal	35	2.13	-
2457MHz	Pass	PK	2.456G	107.67	Inf	-Inf	35.01	3	Horizontal	35	2.13	-
2457MHz	Pass	PK	2.4962G	65.14	74.00	-8.86	35.19	3	Horizontal	35	2.13	-
2462MHz	Pass	AV	2.4602G	97.83	Inf	-Inf	35.03	3	Vertical	25	1.08	-
2462MHz	Pass	AV	2.5G	51.53	54.00	-2.47	35.22	3	Vertical	25	1.08	-
2462MHz	Pass	PK	2.461G	99.84	Inf	-Inf	35.03	3	Vertical	25	1.08	-
2462MHz	Pass	PK	2.4936G	63.46	74.00	-10.54	35.18	3	Vertical	25	1.08	-
2462MHz	Pass	AV	2.4612G	102.10	Inf	-Inf	35.03	3	Horizontal	23	2.14	-
2462MHz	Pass	AV	2.5G	53.30	54.00	-0.70	35.22	3	Horizontal	23	2.14	-
2462MHz	Pass	PK	2.461G	104.18	Inf	-Inf	35.03	3	Horizontal	23	2.14	-
2462MHz	Pass	PK	2.4968G	64.31	74.00	-9.69	35.20	3	Horizontal	23	2.14	-
2462MHz	Pass	AV	4.92394G	50.82	54.00	-3.18	8.77	3	Vertical	157	2.86	-
2462MHz	Pass	AV	7.3845G	44.82	54.00	-9.18	12.95	3	Vertical	197	1.02	-
2462MHz	Pass	PK	4.92388G	54.17	74.00	-19.83	8.77	3	Vertical	157	2.86	-
2462MHz	Pass	PK	7.38618G	53.87	74.00	-20.13	12.95	3	Vertical	197	1.02	-
2462MHz	Pass	AV	4.924G	47.79	54.00	-6.21	8.77	3	Horizontal	123	1.76	-
2462MHz	Pass	AV	7.38606G	40.05	54.00	-13.95	12.95	3	Horizontal	359	1.50	-
2462MHz	Pass	PK	4.92382G	52.79	74.00	-21.21	8.77	3	Horizontal	123	1.76	-
2462MHz	Pass	PK	7.3761G	52.44	74.00	-21.56	12.94	3	Horizontal	359	1.50	-
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	47.96	54.00	-6.04	30.77	3	Vertical	100	2.96	-
2412MHz	Pass	AV	2.4128G	91.96	Inf	-Inf	30.86	3	Vertical	100	2.96	-
2412MHz	Pass	PK	2.39G	62.00	74.00	-12.00	30.77	3	Vertical	100	2.96	-
2412MHz	Pass	PK	2.4144G	102.23	Inf	-Inf	30.86	3	Vertical	100	2.96	-
2412MHz	Pass	AV	2.39G	53.76	54.00	-0.24	30.77	3	Horizontal	24	1.91	-
2412MHz	Pass	AV	2.4134G	98.98	Inf	-Inf	30.86	3	Horizontal	24	1.91	-
2412MHz	Pass	PK	2.3896G	68.53	74.00	-5.47	30.77	3	Horizontal	24	1.91	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4148G	108.61	Inf	-Inf	30.86	3	Horizontal	24	1.91	-
2412MHz	Pass	AV	4.82544G	34.17	54.00	-19.83	2.14	3	Vertical	184	1.01	-
2412MHz	Pass	PK	4.82556G	46.93	74.00	-27.07	2.14	3	Vertical	184	1.01	-
2412MHz	Pass	AV	4.82454G	33.20	54.00	-20.80	2.13	3	Horizontal	116	1.59	-
2412MHz	Pass	PK	4.8243G	45.65	74.00	-28.35	2.13	3	Horizontal	116	1.59	-
2417MHz	Pass	AV	2.3752G	47.40	54.00	-6.60	30.72	3	Vertical	99	2.99	-
2417MHz	Pass	AV	2.4184G	93.96	Inf	-Inf	30.87	3	Vertical	99	2.99	-
2417MHz	Pass	PK	2.3898G	62.49	74.00	-11.51	30.77	3	Vertical	99	2.99	-
2417MHz	Pass	PK	2.42G	104.66	Inf	-Inf	30.89	3	Vertical	99	2.99	-
2417MHz	Pass	AV	2.39G	53.80	54.00	-0.20	30.77	3	Horizontal	11	2.86	-
2417MHz	Pass	AV	2.4154G	100.32	Inf	-Inf	30.86	3	Horizontal	11	2.86	-
2417MHz	Pass	PK	2.3888G	68.94	74.00	-5.06	30.77	3	Horizontal	11	2.86	-
2417MHz	Pass	PK	2.4144G	109.76	Inf	-Inf	30.86	3	Horizontal	11	2.86	-
2437MHz	Pass	AV	2.3898G	47.93	54.00	-6.07	30.77	3	Vertical	101	2.43	-
2437MHz	Pass	AV	2.4378G	98.02	Inf	-Inf	30.95	3	Vertical	101	2.43	-
2437MHz	Pass	AV	2.4842G	48.15	54.00	-5.85	31.12	3	Vertical	101	2.43	-
2437MHz	Pass	PK	2.3882G	61.15	74.00	-12.85	30.77	3	Vertical	101	2.43	-
2437MHz	Pass	PK	2.435G	108.02	Inf	-Inf	30.94	3	Vertical	101	2.43	-
2437MHz	Pass	PK	2.4858G	60.90	74.00	-13.10	31.12	3	Vertical	101	2.43	-
2437MHz	Pass	AV	2.3898G	52.93	54.00	-1.07	30.77	3	Horizontal	17	1.50	-
2437MHz	Pass	AV	2.4354G	103.80	Inf	-Inf	30.94	3	Horizontal	17	1.50	-
2437MHz	Pass	AV	2.4838G	51.58	54.00	-2.42	31.11	3	Horizontal	17	1.50	-
2437MHz	Pass	PK	2.389G	66.81	74.00	-7.19	30.77	3	Horizontal	17	1.50	-
2437MHz	Pass	PK	2.435G	113.46	Inf	-Inf	30.94	3	Horizontal	17	1.50	-
2437MHz	Pass	PK	2.4835G	65.67	74.00	-8.33	31.11	3	Horizontal	17	1.50	-
2437MHz	Pass	AV	4.87298G	36.21	54.00	-17.79	2.25	3	Vertical	340	1.49	-
2437MHz	Pass	PK	4.87568G	49.16	74.00	-24.84	2.26	3	Vertical	340	1.49	-
2437MHz	Pass	AV	4.87526G	39.62	54.00	-14.38	2.26	3	Horizontal	130	1.50	-
2437MHz	Pass	PK	4.87316G	52.87	74.00	-21.13	2.25	3	Horizontal	130	1.50	-
2457MHz	Pass	AV	2.454G	92.58	Inf	-Inf	31.00	3	Vertical	92	2.84	-
2457MHz	Pass	AV	2.4838G	47.98	54.00	-6.02	31.11	3	Vertical	92	2.84	-
2457MHz	Pass	PK	2.4552G	102.42	Inf	-Inf	31.00	3	Vertical	92	2.84	-
2457MHz	Pass	PK	2.4838G	61.73	74.00	-12.27	31.11	3	Vertical	92	2.84	-
2457MHz	Pass	AV	2.4542G	100.28	Inf	-Inf	31.00	3	Horizontal	15	2.24	-
2457MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	31.11	3	Horizontal	15	2.24	-
2457MHz	Pass	PK	2.461G	109.69	Inf	-Inf	31.03	3	Horizontal	15	2.24	-
2457MHz	Pass	PK	2.4862G	68.78	74.00	-5.22	31.12	3	Horizontal	15	2.24	-
2462MHz	Pass	AV	2.4612G	91.86	Inf	-Inf	31.03	3	Vertical	103	2.64	-
2462MHz	Pass	AV	2.4835G	47.86	54.00	-6.14	31.11	3	Vertical	103	2.64	-
2462MHz	Pass	PK	2.4654G	101.69	Inf	-Inf	31.04	3	Vertical	103	2.64	-
2462MHz	Pass	PK	2.4835G	62.28	74.00	-11.72	31.11	3	Vertical	103	2.64	-
2462MHz	Pass	AV	2.4608G	98.20	Inf	-Inf	31.03	3	Horizontal	17	1.95	-
2462MHz	Pass	AV	2.4836G	53.31	54.00	-0.69	31.11	3	Horizontal	17	1.95	-
2462MHz	Pass	PK	2.4594G	107.52	Inf	-Inf	31.03	3	Horizontal	17	1.95	-
2462MHz	Pass	PK	2.4844G	68.26	74.00	-5.74	31.12	3	Horizontal	17	1.95	-
2462MHz	Pass	AV	4.9261G	32.78	54.00	-21.22	2.39	3	Vertical	187	1.80	-
2462MHz	Pass	PK	4.92082G	45.25	74.00	-28.75	2.36	3	Vertical	187	1.80	-
2462MHz	Pass	AV	4.92352G	32.31	54.00	-21.69	2.38	3	Horizontal	115	1.45	-
2462MHz	Pass	PK	4.92514G	45.22	74.00	-28.78	2.39	3	Horizontal	115	1.45	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	53.71	54.00	-0.29	34.71	3	Vertical	324	1.50	-
2412MHz	Pass	AV	2.4108G	98.87	Inf	-Inf	34.81	3	Vertical	324	1.50	-
2412MHz	Pass	PK	2.3898G	65.92	74.00	-8.08	34.71	3	Vertical	324	1.50	-
2412MHz	Pass	PK	2.4078G	107.37	Inf	-Inf	34.79	3	Vertical	324	1.50	-
2412MHz	Pass	AV	2.3898G	51.09	54.00	-2.91	34.71	3	Horizontal	67	1.03	-
2412MHz	Pass	AV	2.4142G	92.98	Inf	-Inf	34.83	3	Horizontal	67	1.03	-
2412MHz	Pass	PK	2.3766G	62.13	74.00	-11.87	34.65	3	Horizontal	67	1.03	-
2412MHz	Pass	PK	2.4148G	102.45	Inf	-Inf	34.83	3	Horizontal	67	1.03	-
2412MHz	Pass	AV	4.82352G	53.09	54.00	-0.91	8.53	3	Vertical	173	2.84	-
2412MHz	Pass	PK	4.82502G	64.74	74.00	-9.26	8.54	3	Vertical	173	2.84	-
2412MHz	Pass	AV	4.8246G	49.91	54.00	-4.09	8.53	3	Horizontal	117	1.74	-
2412MHz	Pass	PK	4.8249G	62.31	74.00	-11.69	8.53	3	Horizontal	117	1.74	-
2417MHz	Pass	AV	2.39G	53.71	54.00	-0.29	34.71	3	Vertical	317	1.22	-
2417MHz	Pass	AV	2.416G	101.31	Inf	-Inf	34.83	3	Vertical	317	1.22	-
2417MHz	Pass	PK	2.39G	65.97	74.00	-8.03	34.71	3	Vertical	317	1.22	-
2417MHz	Pass	PK	2.4194G	110.35	Inf	-Inf	34.85	3	Vertical	317	1.22	-
2417MHz	Pass	AV	2.389G	50.82	54.00	-3.18	34.71	3	Horizontal	64	2.58	-
2417MHz	Pass	AV	2.4154G	95.18	Inf	-Inf	34.83	3	Horizontal	64	2.58	-
2417MHz	Pass	PK	2.3732G	62.18	74.00	-11.82	34.63	3	Horizontal	64	2.58	-
2417MHz	Pass	PK	2.4194G	104.85	Inf	-Inf	34.85	3	Horizontal	64	2.58	-
2437MHz	Pass	AV	2.389G	51.81	54.00	-2.19	34.71	3	Vertical	328	1.50	-
2437MHz	Pass	AV	2.4354G	101.25	Inf	-Inf	34.92	3	Vertical	328	1.50	-
2437MHz	Pass	AV	2.4838G	52.26	54.00	-1.74	35.15	3	Vertical	328	1.50	-
2437MHz	Pass	PK	2.3846G	63.13	74.00	-10.87	34.69	3	Vertical	328	1.50	-
2437MHz	Pass	PK	2.4386G	109.79	Inf	-Inf	34.93	3	Vertical	328	1.50	-
2437MHz	Pass	PK	2.487G	63.43	74.00	-10.57	35.16	3	Vertical	328	1.50	-
2437MHz	Pass	AV	2.3874G	50.53	54.00	-3.47	34.70	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	2.435G	95.58	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	2.485G	51.74	54.00	-2.26	35.15	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.385G	61.97	74.00	-12.03	34.69	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.435G	104.21	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
2437MHz	Pass	PK	2.497G	63.20	74.00	-10.80	35.20	3	Horizontal	65	2.51	-
2437MHz	Pass	AV	4.871G	52.73	54.00	-1.27	8.65	3	Vertical	174	2.82	-
2437MHz	Pass	AV	7.3084G	52.79	54.00	-1.21	12.85	3	Vertical	195	1.23	-
2437MHz	Pass	PK	4.8722G	64.09	74.00	-9.91	8.65	3	Vertical	174	2.82	-
2437MHz	Pass	PK	7.314G	66.20	74.00	-7.80	12.86	3	Vertical	195	1.23	-
2437MHz	Pass	AV	4.87352G	49.00	54.00	-5.00	8.65	3	Horizontal	121	1.50	-
2437MHz	Pass	AV	7.31346G	45.72	54.00	-8.28	12.86	3	Horizontal	286	1.50	-
2437MHz	Pass	PK	4.87418G	60.71	74.00	-13.29	8.65	3	Horizontal	121	1.50	-
2437MHz	Pass	PK	7.30584G	58.00	74.00	-16.00	12.85	3	Horizontal	286	1.50	-
2457MHz	Pass	AV	2.4552G	100.88	Inf	-Inf	35.01	3	Vertical	322	1.96	-
2457MHz	Pass	AV	2.4838G	53.45	54.00	-0.55	35.15	3	Vertical	322	1.96	-
2457MHz	Pass	PK	2.4548G	109.67	Inf	-Inf	35.01	3	Vertical	322	1.96	-
2457MHz	Pass	PK	2.4838G	66.83	74.00	-7.17	35.15	3	Vertical	322	1.96	-
2457MHz	Pass	AV	2.4578G	92.23	Inf	-Inf	35.02	3	Horizontal	154	1.49	-
2457MHz	Pass	AV	2.4992G	51.80	54.00	-2.20	35.21	3	Horizontal	154	1.49	-
2457MHz	Pass	PK	2.457G	101.01	Inf	-Inf	35.02	3	Horizontal	154	1.49	-
2457MHz	Pass	PK	2.4928G	62.53	74.00	-11.47	35.18	3	Horizontal	154	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4604G	99.08	Inf	-Inf	35.03	3	Vertical	322	1.86	-
2462MHz	Pass	AV	2.4838G	53.23	54.00	-0.77	35.15	3	Vertical	322	1.86	-
2462MHz	Pass	PK	2.4648G	108.84	Inf	-Inf	35.06	3	Vertical	322	1.86	-
2462MHz	Pass	PK	2.4838G	65.97	74.00	-8.03	35.15	3	Vertical	322	1.86	-
2462MHz	Pass	AV	2.4606G	91.33	Inf	-Inf	35.03	3	Horizontal	161	1.48	-
2462MHz	Pass	AV	2.4835G	51.99	54.00	-2.01	35.14	3	Horizontal	161	1.48	-
2462MHz	Pass	PK	2.465G	100.78	Inf	-Inf	35.06	3	Horizontal	161	1.48	-
2462MHz	Pass	PK	2.4922G	62.83	74.00	-11.17	35.18	3	Horizontal	161	1.48	-
2462MHz	Pass	AV	4.92568G	50.59	54.00	-3.41	8.78	3	Vertical	163	2.87	-
2462MHz	Pass	AV	7.38606G	46.43	54.00	-7.57	12.95	3	Vertical	178	1.48	-
2462MHz	Pass	PK	4.91962G	62.81	74.00	-11.19	8.76	3	Vertical	163	2.87	-
2462MHz	Pass	PK	7.38426G	59.57	74.00	-14.43	12.95	3	Vertical	178	1.48	-
2462MHz	Pass	AV	4.92136G	47.39	54.00	-6.61	8.76	3	Horizontal	112	1.52	-
2462MHz	Pass	AV	7.3866G	42.94	54.00	-11.06	12.95	3	Horizontal	164	1.50	-
2462MHz	Pass	PK	4.9195G	59.97	74.00	-14.03	8.76	3	Horizontal	112	1.52	-
2462MHz	Pass	PK	7.3836G	54.91	74.00	-19.09	12.95	3	Horizontal	164	1.50	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3688G	51.91	54.00	-2.09	34.62	3	Vertical	319	2.70	-
2412MHz	Pass	AV	2.4126G	98.37	Inf	-Inf	34.82	3	Vertical	319	2.70	-
2412MHz	Pass	PK	2.3744G	62.71	74.00	-11.29	34.64	3	Vertical	319	2.70	-
2412MHz	Pass	PK	2.4126G	106.75	Inf	-Inf	34.82	3	Vertical	319	2.70	-
2412MHz	Pass	AV	2.369G	53.74	54.00	-0.26	34.62	3	Horizontal	29	2.10	-
2412MHz	Pass	AV	2.4102G	99.97	Inf	-Inf	34.81	3	Horizontal	29	2.10	-
2412MHz	Pass	PK	2.3714G	64.71	74.00	-9.29	34.63	3	Horizontal	29	2.10	-
2412MHz	Pass	PK	2.4148G	109.17	Inf	-Inf	34.83	3	Horizontal	29	2.10	-
2412MHz	Pass	AV	4.82424G	50.37	54.00	-3.63	8.53	3	Vertical	162	2.84	-
2412MHz	Pass	PK	4.82268G	63.18	74.00	-10.82	8.53	3	Vertical	162	2.84	-
2412MHz	Pass	AV	4.82544G	46.16	54.00	-7.84	8.54	3	Horizontal	118	1.49	-
2412MHz	Pass	PK	4.82478G	58.84	74.00	-15.16	8.53	3	Horizontal	118	1.49	-
2437MHz	Pass	AV	2.3882G	51.56	54.00	-2.44	34.70	3	Vertical	319	2.58	-
2437MHz	Pass	AV	2.4378G	99.13	Inf	-Inf	34.93	3	Vertical	319	2.58	-
2437MHz	Pass	AV	2.4854G	52.26	54.00	-1.74	35.15	3	Vertical	319	2.58	-
2437MHz	Pass	PK	2.385G	62.24	74.00	-11.76	34.69	3	Vertical	319	2.58	-
2437MHz	Pass	PK	2.4366G	107.57	Inf	-Inf	34.93	3	Vertical	319	2.58	-
2437MHz	Pass	PK	2.4854G	62.94	74.00	-11.06	35.15	3	Vertical	319	2.58	-
2437MHz	Pass	AV	2.3898G	53.90	54.00	-0.10	34.71	3	Horizontal	32	2.37	-
2437MHz	Pass	AV	2.435G	100.92	Inf	-Inf	34.92	3	Horizontal	32	2.37	-
2437MHz	Pass	AV	2.4842G	53.67	54.00	-0.33	35.15	3	Horizontal	32	2.37	-
2437MHz	Pass	PK	2.3898G	64.95	74.00	-9.05	34.71	3	Horizontal	32	2.37	-
2437MHz	Pass	PK	2.4354G	108.97	Inf	-Inf	34.92	3	Horizontal	32	2.37	-
2437MHz	Pass	PK	2.485G	65.24	74.00	-8.76	35.15	3	Horizontal	32	2.37	-
2437MHz	Pass	AV	4.87106G	49.20	54.00	-4.80	8.65	3	Vertical	175	2.81	-
2437MHz	Pass	AV	7.30992G	45.35	54.00	-8.65	12.85	3	Vertical	195	1.11	-
2437MHz	Pass	PK	4.87256G	61.83	74.00	-12.17	8.65	3	Vertical	175	2.81	-
2437MHz	Pass	PK	7.31262G	58.37	74.00	-15.63	12.86	3	Vertical	195	1.11	-
2437MHz	Pass	AV	4.87508G	45.90	54.00	-8.10	8.66	3	Horizontal	118	1.58	-
2437MHz	Pass	AV	7.31508G	41.01	54.00	-12.99	12.86	3	Horizontal	328	2.41	-
2437MHz	Pass	PK	4.87262G	58.88	74.00	-15.12	8.65	3	Horizontal	118	1.58	-
2437MHz	Pass	PK	7.3242G	52.60	74.00	-21.40	12.87	3	Horizontal	328	2.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4612G	98.38	Inf	-Inf	35.03	3	Vertical	320	1.88	-
2462MHz	Pass	AV	2.5G	52.08	54.00	-1.92	35.22	3	Vertical	320	1.88	-
2462MHz	Pass	PK	2.4614G	107.75	Inf	-Inf	35.04	3	Vertical	320	1.88	-
2462MHz	Pass	PK	2.4864G	63.83	74.00	-10.17	35.16	3	Vertical	320	1.88	-
2462MHz	Pass	AV	2.4592G	100.44	Inf	-Inf	35.03	3	Horizontal	20	2.14	-
2462MHz	Pass	AV	2.5G	53.75	54.00	-0.25	35.22	3	Horizontal	20	2.14	-
2462MHz	Pass	PK	2.4602G	108.93	Inf	-Inf	35.03	3	Horizontal	20	2.14	-
2462MHz	Pass	PK	2.4994G	65.08	74.00	-8.92	35.21	3	Horizontal	20	2.14	-
2462MHz	Pass	AV	4.92538G	46.45	54.00	-7.55	8.78	3	Vertical	193	1.23	-
2462MHz	Pass	AV	7.38546G	43.76	54.00	-10.24	12.95	3	Vertical	181	1.10	-
2462MHz	Pass	PK	4.92502G	59.13	74.00	-14.87	8.78	3	Vertical	193	1.23	-
2462MHz	Pass	PK	7.38438G	55.57	74.00	-18.43	12.95	3	Vertical	181	1.10	-
2462MHz	Pass	AV	4.92544G	45.71	54.00	-8.29	8.78	3	Horizontal	115	1.75	-
2462MHz	Pass	AV	7.37394G	40.55	54.00	-13.45	12.94	3	Horizontal	282	1.23	-
2462MHz	Pass	PK	4.92454G	57.48	74.00	-16.52	8.77	3	Horizontal	115	1.75	-
2462MHz	Pass	PK	7.39956G	52.34	74.00	-21.66	12.97	3	Horizontal	282	1.23	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.64	54.00	-0.36	30.77	3	Vertical	304	2.11	-
2412MHz	Pass	AV	2.4106G	97.57	Inf	-Inf	30.85	3	Vertical	304	2.11	-
2412MHz	Pass	PK	2.389G	68.43	74.00	-5.57	30.77	3	Vertical	304	2.11	-
2412MHz	Pass	PK	2.4096G	107.90	Inf	-Inf	30.85	3	Vertical	304	2.11	-
2412MHz	Pass	AV	2.39G	53.79	54.00	-0.21	30.77	3	Horizontal	10	2.18	-
2412MHz	Pass	AV	2.4148G	98.08	Inf	-Inf	30.86	3	Horizontal	10	2.18	-
2412MHz	Pass	PK	2.3882G	68.26	74.00	-5.74	30.77	3	Horizontal	10	2.18	-
2412MHz	Pass	PK	2.4132G	108.11	Inf	-Inf	30.86	3	Horizontal	10	2.18	-
2412MHz	Pass	AV	4.82376G	47.85	54.00	-6.15	2.13	3	Vertical	156	2.45	-
2412MHz	Pass	PK	4.82352G	61.56	74.00	-12.44	2.13	3	Vertical	156	2.45	-
2412MHz	Pass	AV	4.82298G	44.07	54.00	-9.93	2.13	3	Horizontal	221	1.07	-
2412MHz	Pass	PK	4.82076G	57.22	74.00	-16.78	2.12	3	Horizontal	221	1.07	-
2417MHz	Pass	AV	2.3898G	48.87	54.00	-5.13	30.77	3	Vertical	322	1.78	-
2417MHz	Pass	AV	2.4156G	98.30	Inf	-Inf	30.86	3	Vertical	322	1.78	-
2417MHz	Pass	PK	2.3884G	64.83	74.00	-9.17	30.77	3	Vertical	322	1.78	-
2417MHz	Pass	PK	2.416G	107.94	Inf	-Inf	30.86	3	Vertical	322	1.78	-
2417MHz	Pass	AV	2.3894G	53.52	54.00	-0.48	30.77	3	Horizontal	30	2.85	-
2417MHz	Pass	AV	2.415G	99.82	Inf	-Inf	30.86	3	Horizontal	30	2.85	-
2417MHz	Pass	PK	2.3886G	68.99	74.00	-5.01	30.77	3	Horizontal	30	2.85	-
2417MHz	Pass	PK	2.4152G	109.49	Inf	-Inf	30.86	3	Horizontal	30	2.85	-
2437MHz	Pass	AV	2.3874G	49.52	54.00	-4.48	30.68	3	Vertical	306	1.09	-
2437MHz	Pass	AV	2.4318G	100.30	Inf	-Inf	30.82	3	Vertical	306	1.09	-
2437MHz	Pass	AV	2.4835G	48.84	54.00	-5.16	30.97	3	Vertical	306	1.09	-
2437MHz	Pass	PK	2.3878G	60.08	74.00	-13.92	30.68	3	Vertical	306	1.09	-
2437MHz	Pass	PK	2.4346G	109.04	Inf	-Inf	30.82	3	Vertical	306	1.09	-
2437MHz	Pass	PK	2.4862G	59.46	74.00	-14.54	30.98	3	Vertical	306	1.09	-
2437MHz	Pass	AV	2.3898G	53.85	54.00	-0.15	30.69	3	Horizontal	30	2.61	-
2437MHz	Pass	AV	2.435G	102.67	Inf	-Inf	30.82	3	Horizontal	30	2.61	-
2437MHz	Pass	AV	2.4835G	51.23	54.00	-2.77	30.97	3	Horizontal	30	2.61	-
2437MHz	Pass	PK	2.3898G	64.69	74.00	-9.31	30.69	3	Horizontal	30	2.61	-
2437MHz	Pass	PK	2.4354G	111.01	Inf	-Inf	30.82	3	Horizontal	30	2.61	-
2437MHz	Pass	PK	2.4842G	61.92	74.00	-12.08	30.97	3	Horizontal	30	2.61	-

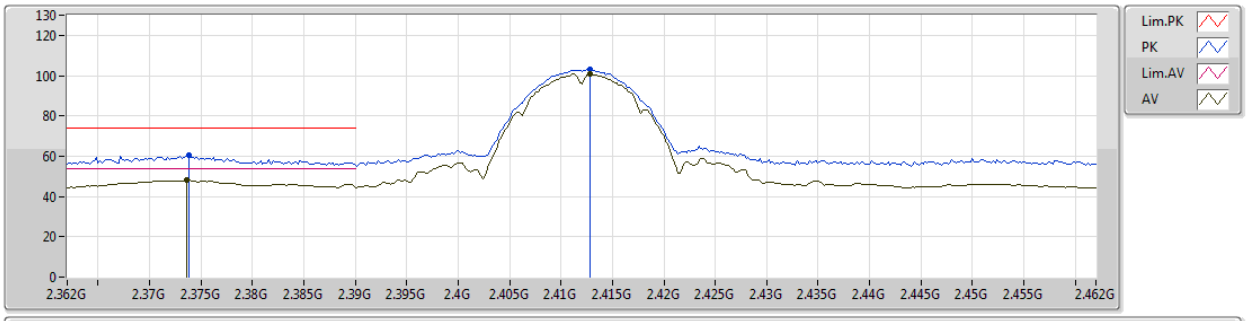
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.87058G	50.81	54.00	-3.19	6.65	3	Vertical	145	2.72	-
2437MHz	Pass	PK	4.86914G	62.66	74.00	-11.34	6.65	3	Vertical	145	2.72	-
2437MHz	Pass	AV	4.87718G	47.60	54.00	-6.40	6.67	3	Horizontal	109	1.49	-
2437MHz	Pass	PK	4.88114G	59.79	74.00	-14.21	6.67	3	Horizontal	109	1.49	-
2457MHz	Pass	AV	2.4592G	98.82	Inf	-Inf	31.03	3	Vertical	315	1.20	-
2457MHz	Pass	AV	2.4836G	53.19	54.00	-0.81	31.11	3	Vertical	315	1.20	-
2457MHz	Pass	PK	2.459G	108.26	Inf	-Inf	31.03	3	Vertical	315	1.20	-
2457MHz	Pass	PK	2.4846G	68.17	74.00	-5.83	31.12	3	Vertical	315	1.20	-
2457MHz	Pass	AV	2.4582G	100.30	Inf	-Inf	31.02	3	Horizontal	29	2.26	-
2457MHz	Pass	AV	2.484G	53.61	54.00	-0.39	31.12	3	Horizontal	29	2.26	-
2457MHz	Pass	PK	2.4552G	109.80	Inf	-Inf	31.00	3	Horizontal	29	2.26	-
2457MHz	Pass	PK	2.4836G	68.97	74.00	-5.03	31.11	3	Horizontal	29	2.26	-
2462MHz	Pass	AV	2.4638G	97.58	Inf	-Inf	30.91	3	Vertical	294	1.23	-
2462MHz	Pass	AV	2.4838G	51.07	54.00	-2.93	30.97	3	Vertical	294	1.23	-
2462MHz	Pass	PK	2.463G	106.09	Inf	-Inf	30.90	3	Vertical	294	1.23	-
2462MHz	Pass	PK	2.485G	64.40	74.00	-9.60	30.97	3	Vertical	294	1.23	-
2462MHz	Pass	AV	2.4636G	99.62	Inf	-Inf	30.90	3	Horizontal	35	2.05	-
2462MHz	Pass	AV	2.4835G	53.85	54.00	-0.15	30.97	3	Horizontal	35	2.05	-
2462MHz	Pass	PK	2.462G	109.26	Inf	-Inf	30.90	3	Horizontal	35	2.05	-
2462MHz	Pass	PK	2.4838G	67.87	74.00	-6.13	30.97	3	Horizontal	35	2.05	-
2462MHz	Pass	AV	4.9249G	50.25	54.00	-3.75	6.77	3	Vertical	164	2.64	-
2462MHz	Pass	PK	4.92232G	63.13	74.00	-10.87	6.76	3	Vertical	164	2.64	-
2462MHz	Pass	AV	4.92544G	45.70	54.00	-8.30	6.78	3	Horizontal	127	1.49	-
2462MHz	Pass	PK	4.9261G	57.67	74.00	-16.33	6.78	3	Horizontal	127	1.49	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3852G	53.67	54.00	-0.33	30.67	3	Vertical	316	2.56	-
2422MHz	Pass	AV	2.424G	96.12	Inf	-Inf	30.79	3	Vertical	316	2.56	-
2422MHz	Pass	AV	2.4924G	47.73	54.00	-6.27	30.99	3	Vertical	316	2.56	-
2422MHz	Pass	PK	2.386G	65.12	74.00	-8.88	30.68	3	Vertical	316	2.56	-
2422MHz	Pass	PK	2.4248G	103.99	Inf	-Inf	30.79	3	Vertical	316	2.56	-
2422MHz	Pass	PK	2.4964G	58.14	74.00	-15.86	31.00	3	Vertical	316	2.56	-
2422MHz	Pass	AV	2.388G	51.80	54.00	-2.20	30.68	3	Horizontal	34	2.81	-
2422MHz	Pass	AV	2.424G	89.94	Inf	-Inf	30.79	3	Horizontal	34	2.81	-
2422MHz	Pass	AV	2.4992G	47.26	54.00	-6.74	31.01	3	Horizontal	34	2.81	-
2422MHz	Pass	PK	2.3884G	62.80	74.00	-11.20	30.68	3	Horizontal	34	2.81	-
2422MHz	Pass	PK	2.4248G	98.61	Inf	-Inf	30.79	3	Horizontal	34	2.81	-
2422MHz	Pass	PK	2.4844G	58.17	74.00	-15.83	30.97	3	Horizontal	34	2.81	-
2422MHz	Pass	AV	4.8452G	48.17	54.00	-5.83	6.58	3	Vertical	169	2.27	-
2422MHz	Pass	PK	4.84448G	59.69	74.00	-14.31	6.58	3	Vertical	169	2.27	-
2422MHz	Pass	AV	4.84832G	44.20	54.00	-9.80	6.59	3	Horizontal	125	1.50	-
2422MHz	Pass	PK	4.84718G	55.56	74.00	-18.44	6.59	3	Horizontal	125	1.50	-
2427MHz	Pass	AV	2.3882G	51.47	54.00	-2.53	30.77	3	Vertical	303	2.29	-
2427MHz	Pass	AV	2.4254G	94.90	Inf	-Inf	30.90	3	Vertical	303	2.29	-
2427MHz	Pass	AV	2.485G	46.09	54.00	-7.91	31.12	3	Vertical	303	2.29	-
2427MHz	Pass	PK	2.3898G	63.32	74.00	-10.68	30.77	3	Vertical	303	2.29	-
2427MHz	Pass	PK	2.4246G	103.96	Inf	-Inf	30.90	3	Vertical	303	2.29	-
2427MHz	Pass	PK	2.485G	57.48	74.00	-16.52	31.12	3	Vertical	303	2.29	-
2427MHz	Pass	AV	2.3838G	51.70	54.00	-2.30	30.75	3	Horizontal	56	2.78	-
2427MHz	Pass	AV	2.423G	95.94	Inf	-Inf	30.89	3	Horizontal	56	2.78	-

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	2.4835G	47.26	54.00	-6.74	31.11	3	Horizontal	56	2.78	-
2427MHz	Pass	PK	2.3898G	63.87	74.00	-10.13	30.77	3	Horizontal	56	2.78	-
2427MHz	Pass	PK	2.4206G	104.68	Inf	-Inf	30.89	3	Horizontal	56	2.78	-
2427MHz	Pass	PK	2.4874G	58.38	74.00	-15.62	31.12	3	Horizontal	56	2.78	-
2437MHz	Pass	AV	2.3894G	48.81	54.00	-5.19	30.68	3	Vertical	306	2.92	-
2437MHz	Pass	AV	2.4334G	92.29	Inf	-Inf	30.82	3	Vertical	306	2.92	-
2437MHz	Pass	AV	2.4906G	47.97	54.00	-6.03	30.99	3	Vertical	306	2.92	-
2437MHz	Pass	PK	2.3898G	58.50	74.00	-15.50	30.69	3	Vertical	306	2.92	-
2437MHz	Pass	PK	2.4334G	100.41	Inf	-Inf	30.82	3	Vertical	306	2.92	-
2437MHz	Pass	PK	2.489G	59.10	74.00	-14.90	30.98	3	Vertical	306	2.92	-
2437MHz	Pass	AV	2.3898G	53.30	54.00	-0.70	30.69	3	Horizontal	34	2.59	-
2437MHz	Pass	AV	2.4338G	97.58	Inf	-Inf	30.82	3	Horizontal	34	2.59	-
2437MHz	Pass	AV	2.4858G	50.57	54.00	-3.43	30.98	3	Horizontal	34	2.59	-
2437MHz	Pass	PK	2.389G	63.53	74.00	-10.47	30.68	3	Horizontal	34	2.59	-
2437MHz	Pass	PK	2.4326G	106.15	Inf	-Inf	30.82	3	Horizontal	34	2.59	-
2437MHz	Pass	PK	2.4838G	62.69	74.00	-11.31	30.97	3	Horizontal	34	2.59	-
2437MHz	Pass	AV	4.87328G	48.76	54.00	-5.24	6.65	3	Vertical	157	2.01	-
2437MHz	Pass	PK	4.87424G	60.00	74.00	-14.00	6.65	3	Vertical	157	2.01	-
2437MHz	Pass	AV	4.87862G	45.35	54.00	-8.65	6.67	3	Horizontal	111	1.72	-
2437MHz	Pass	PK	4.87898G	55.80	74.00	-18.20	6.67	3	Horizontal	111	1.72	-
2452MHz	Pass	AV	2.39G	46.93	54.00	-7.07	30.69	3	Vertical	225	1.50	-
2452MHz	Pass	AV	2.448G	95.04	Inf	-Inf	30.87	3	Vertical	225	1.50	-
2452MHz	Pass	AV	2.4852G	51.07	54.00	-2.93	30.97	3	Vertical	225	1.50	-
2452MHz	Pass	PK	2.3816G	57.01	74.00	-16.99	30.67	3	Vertical	225	1.50	-
2452MHz	Pass	PK	2.4476G	102.84	Inf	-Inf	30.86	3	Vertical	225	1.50	-
2452MHz	Pass	PK	2.4864G	62.11	74.00	-11.89	30.98	3	Vertical	225	1.50	-
2452MHz	Pass	AV	2.39G	48.64	54.00	-5.36	30.69	3	Horizontal	44	2.35	-
2452MHz	Pass	AV	2.448G	97.33	Inf	-Inf	30.87	3	Horizontal	44	2.35	-
2452MHz	Pass	AV	2.484G	53.36	54.00	-0.64	30.97	3	Horizontal	44	2.35	-
2452MHz	Pass	PK	2.3896G	58.32	74.00	-15.68	30.69	3	Horizontal	44	2.35	-
2452MHz	Pass	PK	2.446G	105.48	Inf	-Inf	30.86	3	Horizontal	44	2.35	-
2452MHz	Pass	PK	2.4835G	64.76	74.00	-9.24	30.97	3	Horizontal	44	2.35	-
2452MHz	Pass	AV	4.90766G	48.23	54.00	-5.77	6.73	3	Vertical	162	2.37	-
2452MHz	Pass	PK	4.90484G	59.00	74.00	-15.00	6.73	3	Vertical	162	2.37	-
2452MHz	Pass	AV	4.90454G	48.21	54.00	-5.79	6.73	3	Vertical	161	2.36	-
2452MHz	Pass	PK	4.90436G	59.17	74.00	-14.83	6.73	3	Vertical	161	2.36	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2412MHz_TX

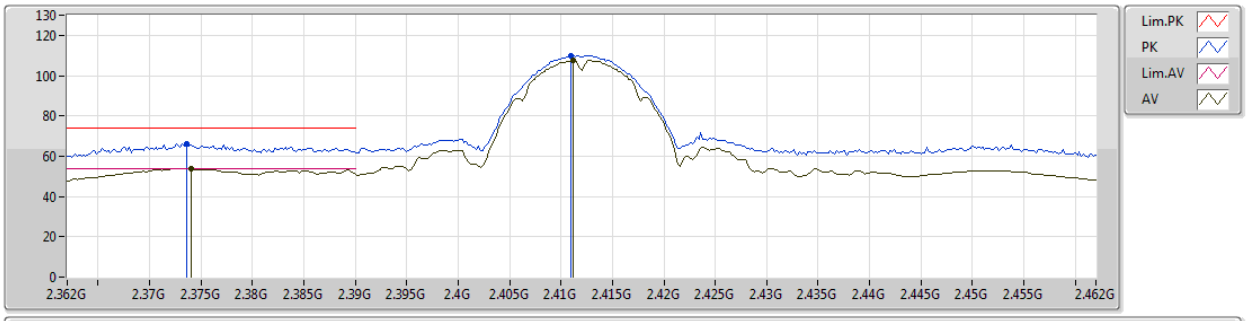


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3736G	47.99	54.00	-6.01	30.72	3	Vertical	80	2.99	-
AV	2.4128G	100.82	Inf	-Inf	30.86	3	Vertical	80	2.99	-
PK	2.3738G	60.28	74.00	-13.72	30.72	3	Vertical	80	2.99	-
PK	2.4128G	103.13	Inf	-Inf	30.86	3	Vertical	80	2.99	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2412MHz_TX

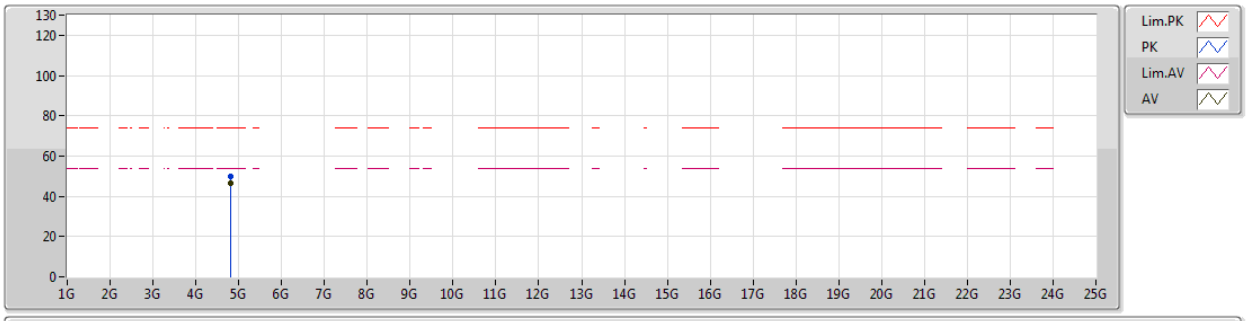


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.374G	53.84	54.00	-0.16	30.72	3	Horizontal	11	2.53	-
AV	2.4112G	107.81	Inf	-Inf	30.85	3	Horizontal	11	2.53	-
PK	2.3736G	66.25	74.00	-7.75	30.72	3	Horizontal	11	2.53	-
PK	2.411G	109.97	Inf	-Inf	30.85	3	Horizontal	11	2.53	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2412MHz_TX

13/02/2019

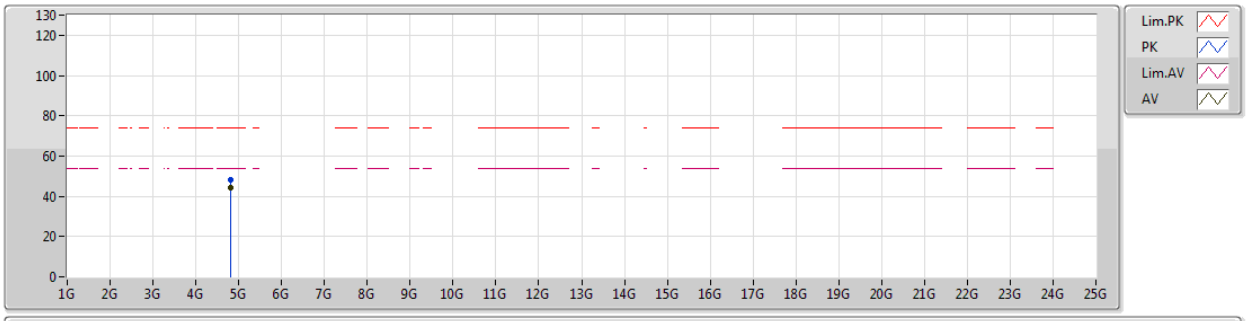


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	46.67	54.00	-7.33	2.13	3	Vertical	182	1.05	-
PK	4.82388G	49.75	74.00	-24.25	2.13	3	Vertical	182	1.05	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2412MHz_TX

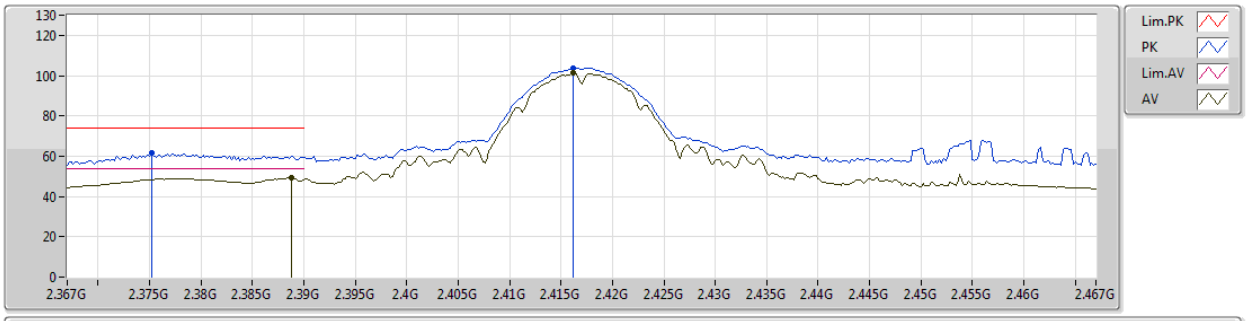


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	44.14	54.00	-9.86	2.13	3	Horizontal	112	1.55	-
PK	4.82406G	48.04	74.00	-25.96	2.13	3	Horizontal	112	1.55	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2417MHz_TX

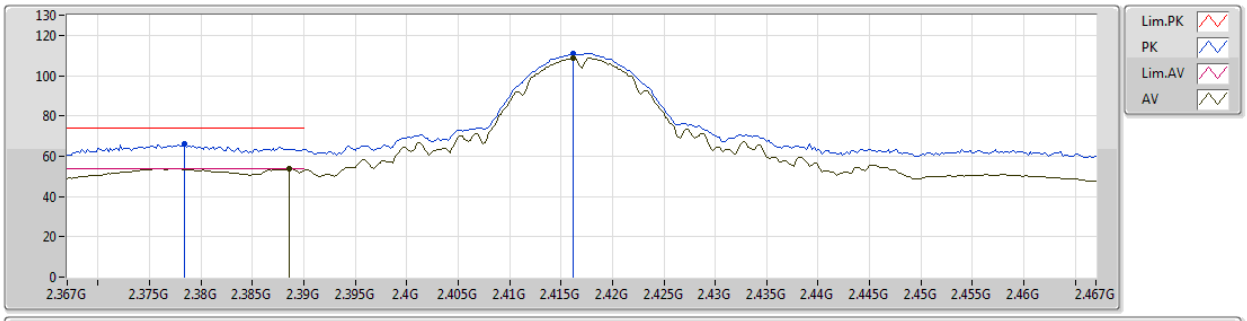


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3888G	49.44	54.00	-4.56	30.77	3	Vertical	85	2.87	-
AV	2.4162G	101.32	Inf	-Inf	30.87	3	Vertical	85	2.87	-
PK	2.3752G	61.87	74.00	-12.13	30.72	3	Vertical	85	2.87	-
PK	2.4162G	103.81	Inf	-Inf	30.87	3	Vertical	85	2.87	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2417MHz_TX

13/02/2019

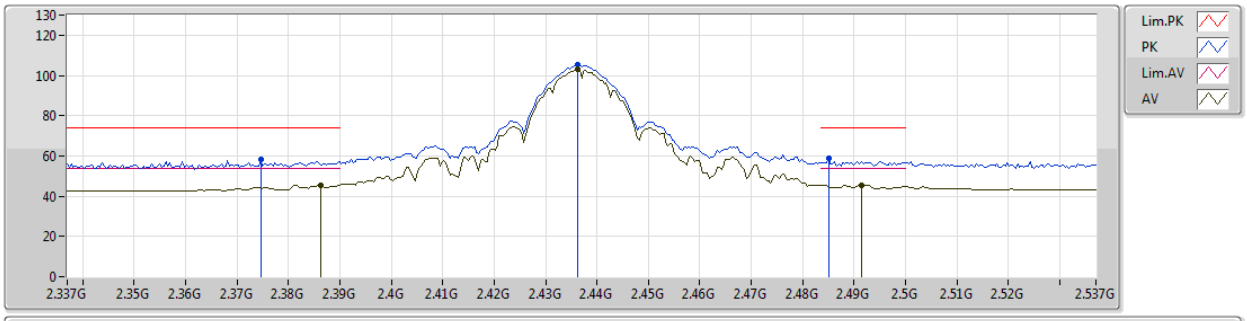


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3886G	53.80	54.00	-0.20	30.77	3	Horizontal	9	2.74	-
AV	2.4162G	108.84	Inf	-Inf	30.87	3	Horizontal	9	2.74	-
PK	2.3784G	65.92	74.00	-8.08	30.73	3	Horizontal	9	2.74	-
PK	2.4162G	110.97	Inf	-Inf	30.87	3	Horizontal	9	2.74	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

01/02/2019

2437MHz_TX

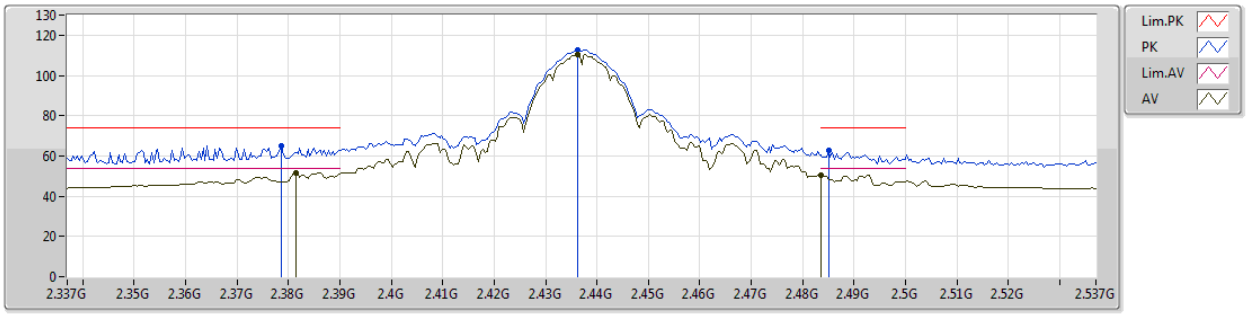


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3862G	45.37	54.00	-8.63	30.76	3	Vertical	103	2.99	-
AV	2.4362G	103.00	Inf	-Inf	30.94	3	Vertical	103	2.99	-
AV	2.4914G	45.62	54.00	-8.38	31.14	3	Vertical	103	2.99	-
PK	2.3746G	58.08	74.00	-15.92	30.72	3	Vertical	103	2.99	-
PK	2.4362G	105.19	Inf	-Inf	30.94	3	Vertical	103	2.99	-
PK	2.485G	58.89	74.00	-15.11	31.12	3	Vertical	103	2.99	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

01/02/2019

2437MHz_TX

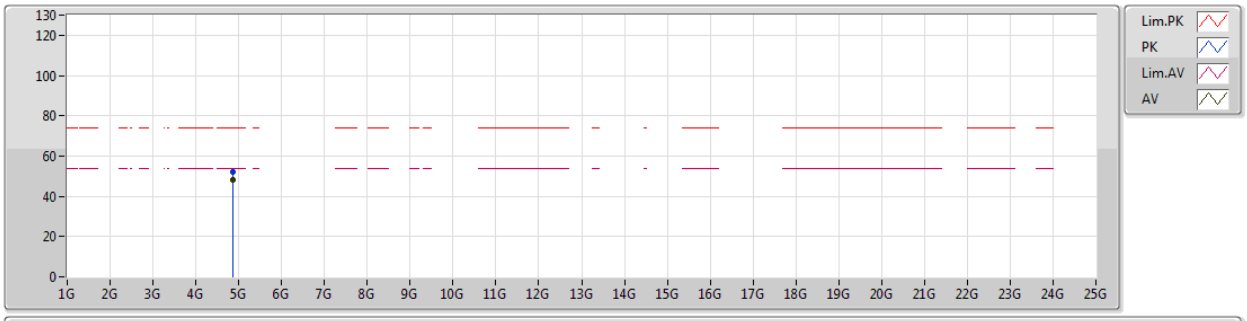


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3814G	51.61	54.00	-2.39	30.75	3	Horizontal	19	1.50	-
AV	2.4362G	110.57	Inf	-Inf	30.94	3	Horizontal	19	1.50	-
AV	2.4835G	50.62	54.00	-3.38	31.11	3	Horizontal	19	1.50	-
PK	2.3786G	65.18	74.00	-8.82	30.74	3	Horizontal	19	1.50	-
PK	2.4362G	112.72	Inf	-Inf	30.94	3	Horizontal	19	1.50	-
PK	2.485G	62.76	74.00	-11.24	31.12	3	Horizontal	19	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

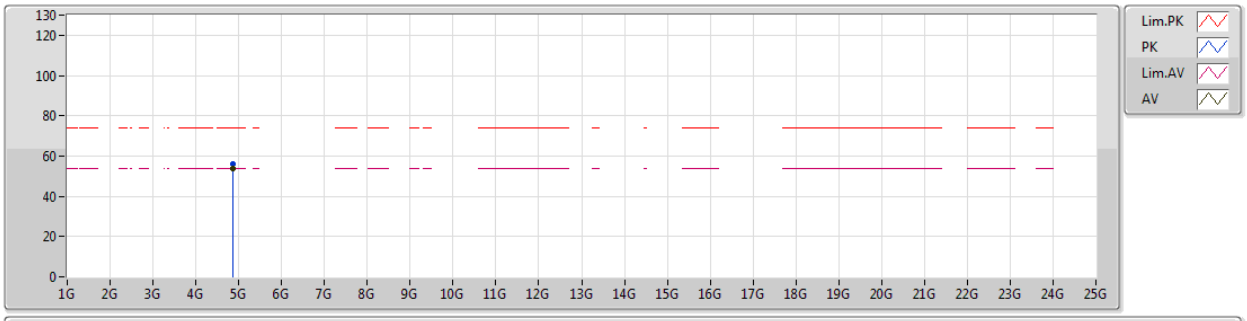


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	48.43	54.00	-5.57	2.25	3	Vertical	342	1.61	-
PK	4.87388G	52.06	74.00	-21.94	2.25	3	Vertical	342	1.61	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

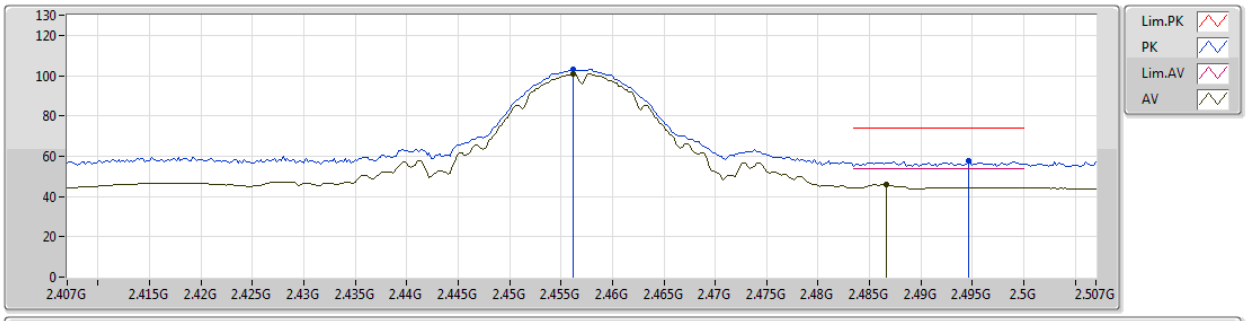


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.874G	53.80	54.00	-0.20	2.25	3	Horizontal	131	1.61	-
PK	4.874G	56.19	74.00	-17.81	2.25	3	Horizontal	131	1.61	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2457MHz_TX

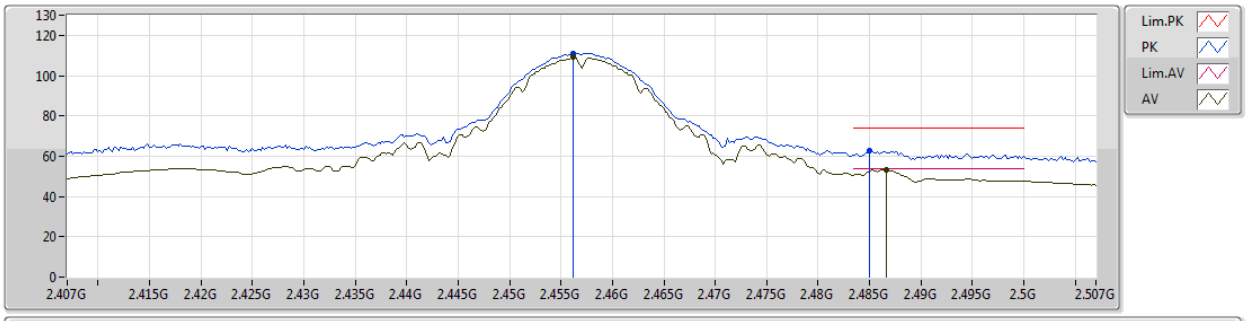


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	100.89	Inf	-Inf	31.01	3	Vertical	91	2.07	-
AV	2.4866G	45.74	54.00	-8.26	31.12	3	Vertical	91	2.07	-
PK	2.4562G	103.10	Inf	-Inf	31.01	3	Vertical	91	2.07	-
PK	2.4946G	57.46	74.00	-16.54	31.15	3	Vertical	91	2.07	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

13/02/2019

2457MHz_TX

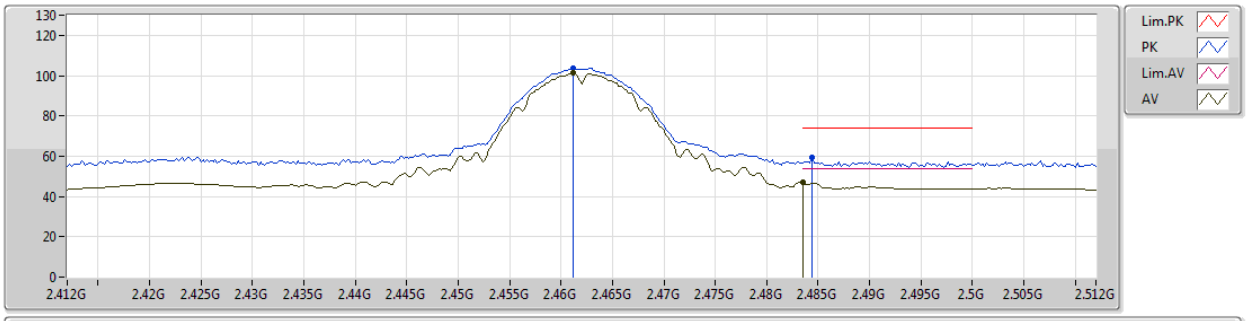


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	109.05	Inf	-Inf	31.01	3	Horizontal	20	2.25	-
AV	2.4866G	53.24	54.00	-0.76	31.12	3	Horizontal	20	2.25	-
PK	2.4562G	111.20	Inf	-Inf	31.01	3	Horizontal	20	2.25	-
PK	2.485G	62.85	74.00	-11.15	31.12	3	Horizontal	20	2.25	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2462MHz_TX

01/02/2019

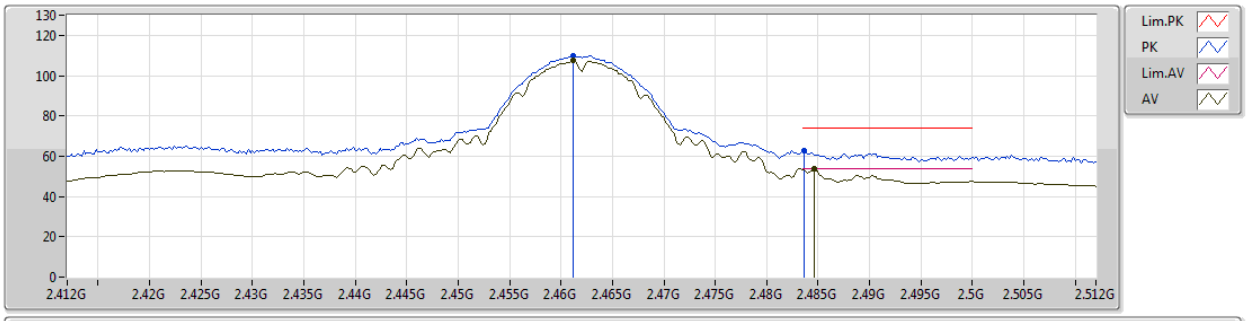


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	101.31	Inf	-Inf	31.03	3	Vertical	111	2.62	-
AV	2.4835G	46.97	54.00	-7.03	31.11	3	Vertical	111	2.62	-
PK	2.4612G	103.59	Inf	-Inf	31.03	3	Vertical	111	2.62	-
PK	2.4844G	59.38	74.00	-14.62	31.12	3	Vertical	111	2.62	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

01/02/2019

2462MHz_TX

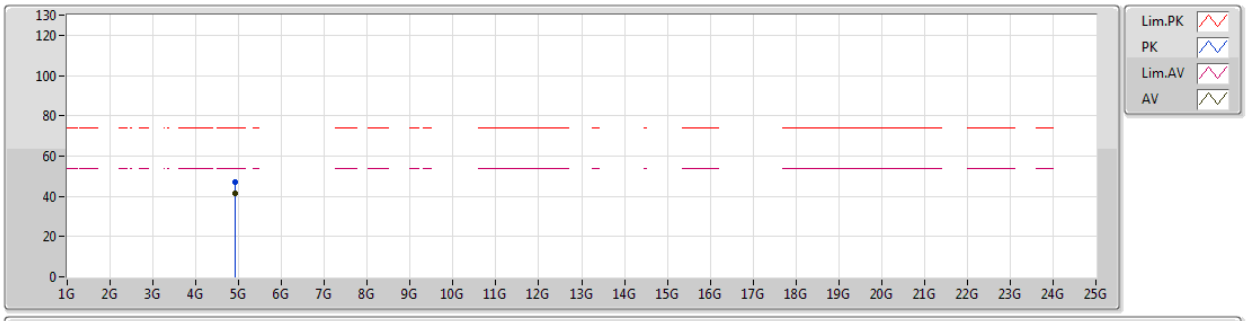


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	107.37	Inf	-Inf	31.03	3	Horizontal	25	2.11	-
AV	2.4846G	53.62	54.00	-0.38	31.12	3	Horizontal	25	2.11	-
PK	2.4612G	109.73	Inf	-Inf	31.03	3	Horizontal	25	2.11	-
PK	2.4836G	62.92	74.00	-11.08	31.11	3	Horizontal	25	2.11	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

01/02/2019

2462MHz_TX

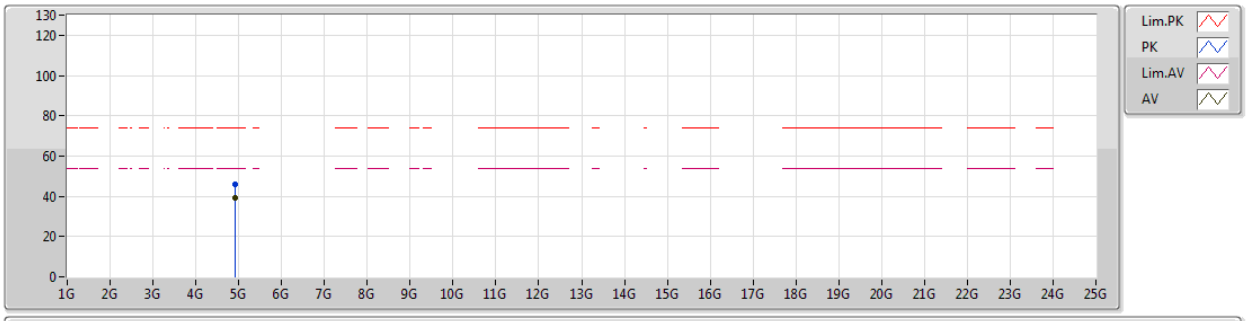


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92394G	41.59	54.00	-12.41	2.38	3	Vertical	184	1.68	-
PK	4.924G	46.96	74.00	-27.04	2.38	3	Vertical	184	1.68	-

802.11b_Nss1,(1Mbps)_1TX(Port1)

2462MHz_TX

01/02/2019

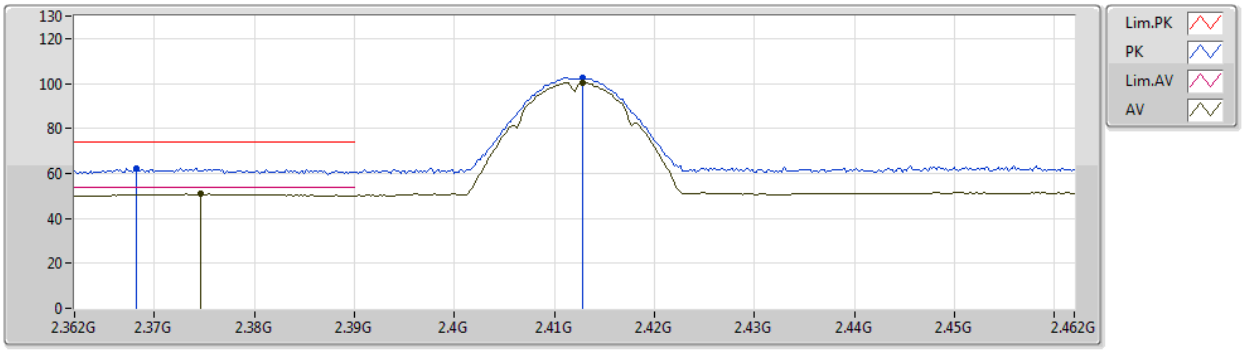


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	38.95	54.00	-15.05	2.38	3	Horizontal	116	1.62	-
PK	4.92412G	45.79	74.00	-28.21	2.38	3	Horizontal	116	1.62	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

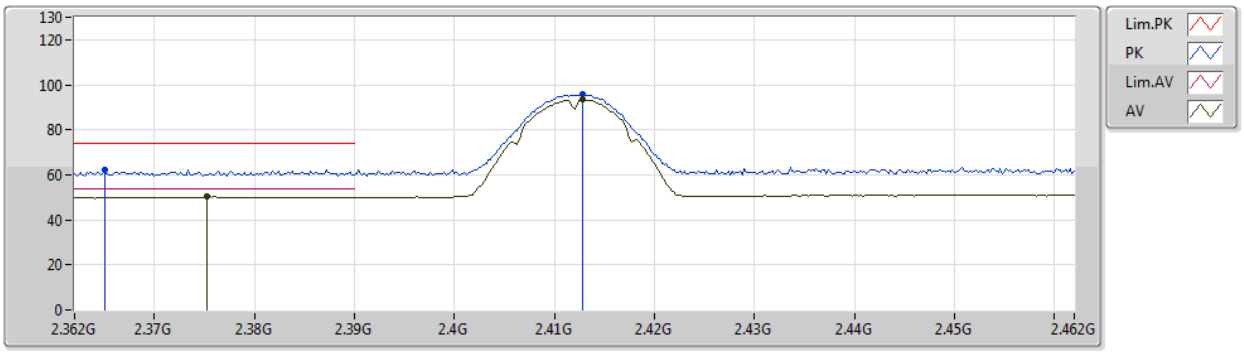


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3746G	50.96	54.00	-3.04	34.64	3	Vertical	322	1.22	-
AV	2.4128G	100.37	Inf	-Inf	34.82	3	Vertical	322	1.22	-
PK	2.3682G	62.16	74.00	-11.84	34.61	3	Vertical	322	1.22	-
PK	2.4128G	102.49	Inf	-Inf	34.82	3	Vertical	322	1.22	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

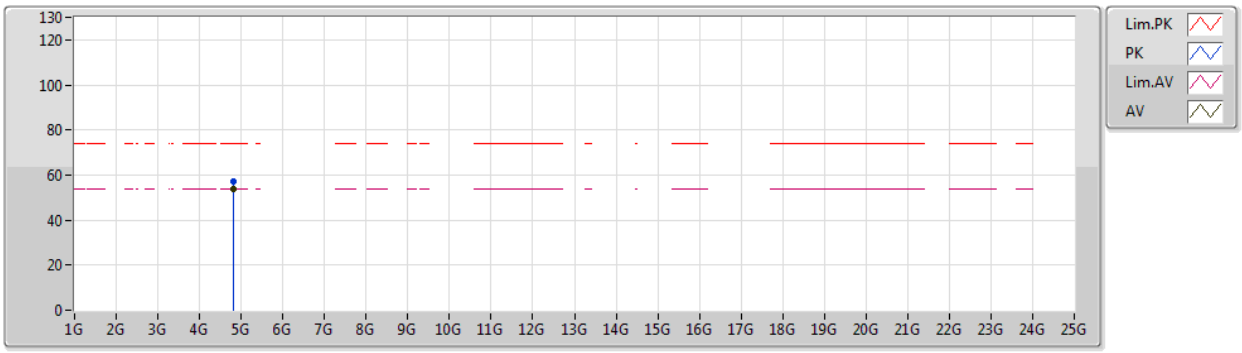


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3752G	50.16	54.00	-3.84	34.64	3	Horizontal	70	1.03	-
AV	2.4128G	93.60	Inf	-Inf	34.82	3	Horizontal	70	1.03	-
PK	2.365G	62.21	74.00	-11.79	34.60	3	Horizontal	70	1.03	-
PK	2.4128G	95.72	Inf	-Inf	34.82	3	Horizontal	70	1.03	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

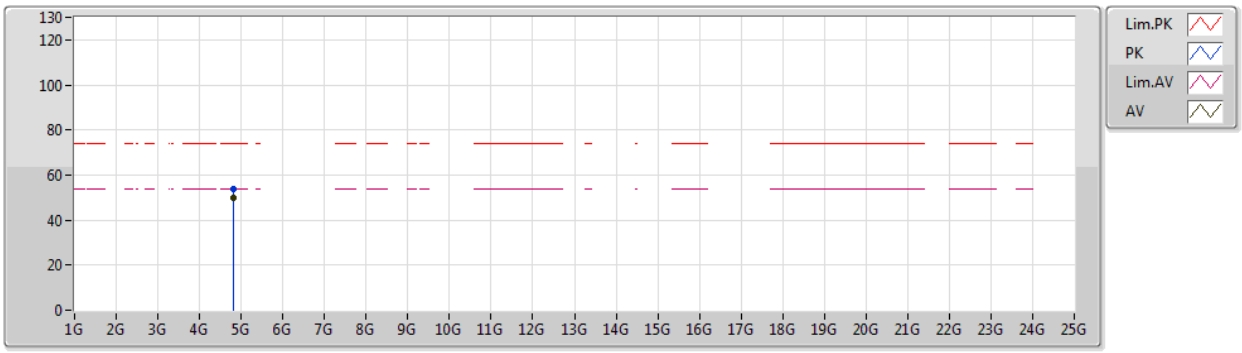


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82396G	53.71	54.00	-0.29	8.53	3	Vertical	170	2.99	-
PK	4.82394G	57.34	74.00	-16.66	8.53	3	Vertical	170	2.99	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

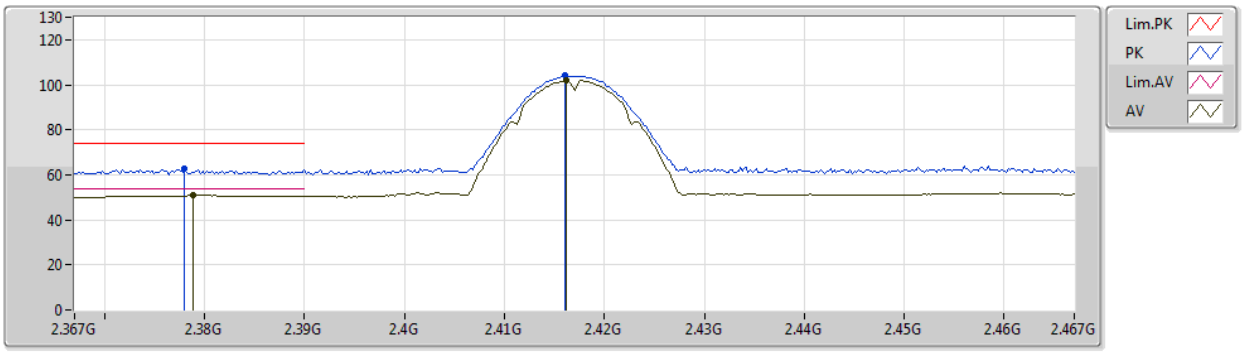


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82398G	49.72	54.00	-4.28	8.53	3	Horizontal	117	1.50	-
PK	4.82414G	54.03	74.00	-19.97	8.53	3	Horizontal	117	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2417MHz_TX

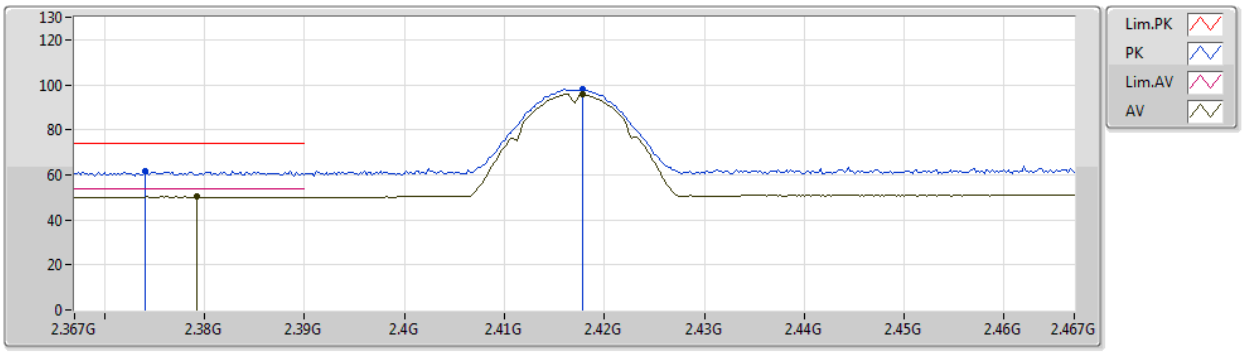


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3788G	50.99	54.00	-3.01	34.67	3	Vertical	322	1.27	-
AV	2.4162G	101.93	Inf	-Inf	34.83	3	Vertical	322	1.27	-
PK	2.378G	62.65	74.00	-11.35	34.65	3	Vertical	322	1.27	-
PK	2.416G	103.95	Inf	-Inf	34.83	3	Vertical	322	1.27	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2417MHz_TX

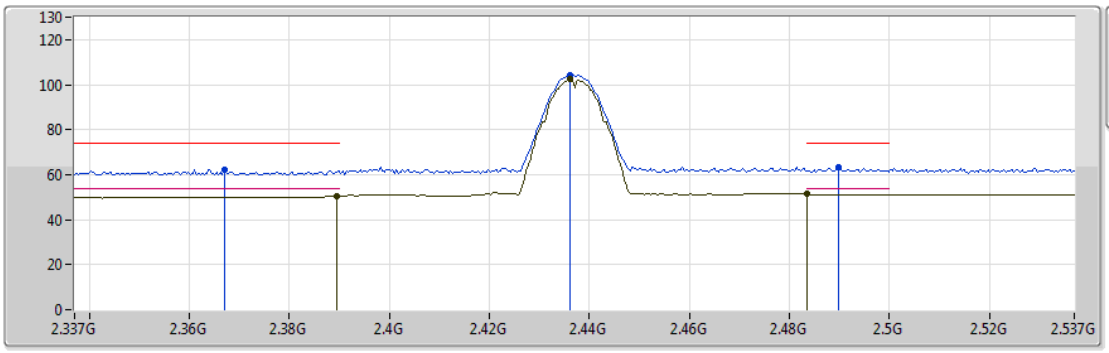


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3792G	50.19	54.00	-3.81	34.67	3	Horizontal	60	2.59	-
AV	2.4178G	95.79	Inf	-Inf	34.84	3	Horizontal	60	2.59	-
PK	2.374G	61.78	74.00	-12.22	34.64	3	Horizontal	60	2.59	-
PK	2.4178G	97.89	Inf	-Inf	34.84	3	Horizontal	60	2.59	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

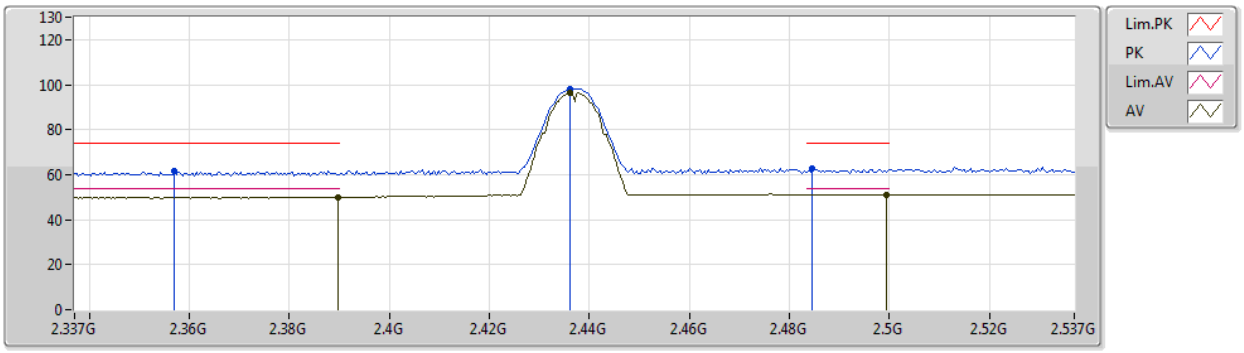


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	50.29	54.00	-3.71	34.71	3	Vertical	326	1.48	-
AV	2.4362G	102.29	Inf	-Inf	34.92	3	Vertical	326	1.48	-
AV	2.4835G	51.45	54.00	-2.55	35.14	3	Vertical	326	1.48	-
PK	2.367G	62.02	74.00	-11.98	34.61	3	Vertical	326	1.48	-
PK	2.4362G	104.30	Inf	-Inf	34.92	3	Vertical	326	1.48	-
PK	2.4898G	63.38	74.00	-10.62	35.17	3	Vertical	326	1.48	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

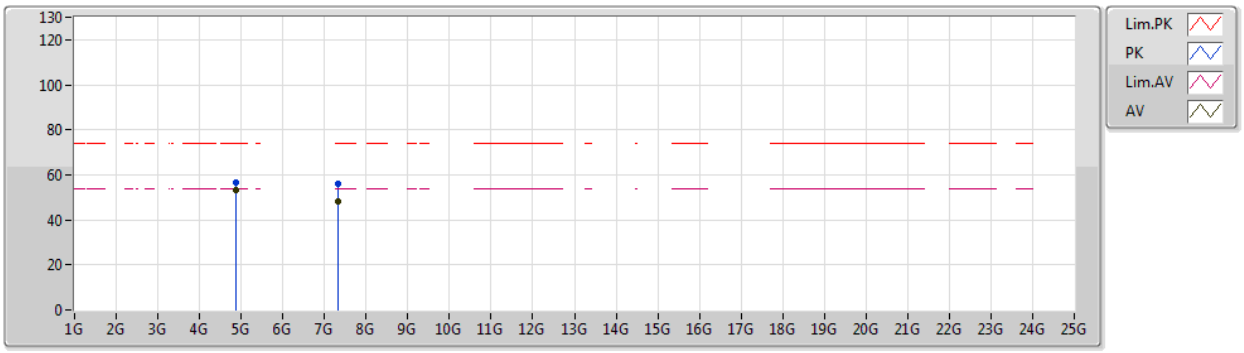


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	50.00	54.00	-4.00	34.71	3	Horizontal	65	2.51	-
AV	2.4362G	96.31	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
AV	2.4994G	51.24	54.00	-2.76	35.21	3	Horizontal	65	2.51	-
PK	2.357G	61.65	74.00	-12.35	34.56	3	Horizontal	65	2.51	-
PK	2.4362G	98.34	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
PK	2.4846G	62.87	74.00	-11.13	35.15	3	Horizontal	65	2.51	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

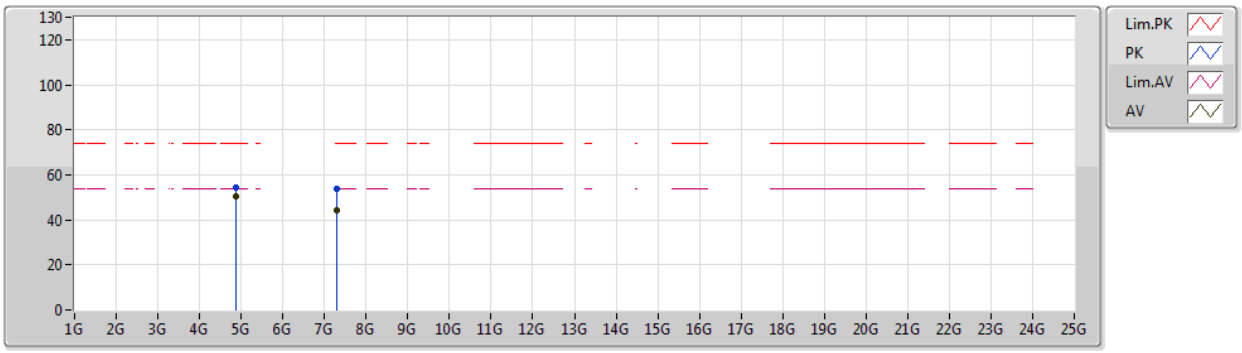


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	53.45	54.00	-0.55	8.65	3	Vertical	154	2.91	-
AV	7.31172G	48.24	54.00	-5.76	12.85	3	Vertical	190	1.24	-
PK	4.874G	56.83	74.00	-17.17	8.65	3	Vertical	154	2.91	-
PK	7.31118G	56.00	74.00	-18.00	12.85	3	Vertical	190	1.24	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

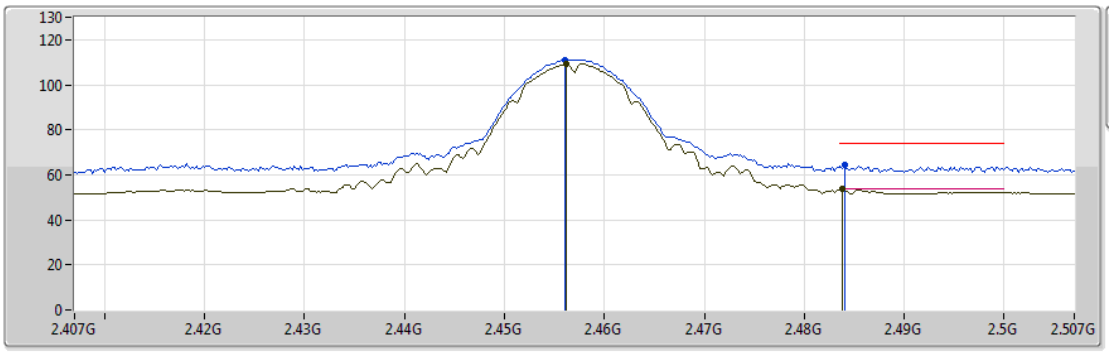


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	50.49	54.00	-3.51	8.65	3	Horizontal	110	1.50	-
AV	7.31004G	44.21	54.00	-9.79	12.85	3	Horizontal	281	1.50	-
PK	4.874G	54.51	74.00	-19.49	8.65	3	Horizontal	110	1.50	-
PK	7.30998G	53.96	74.00	-20.04	12.85	3	Horizontal	281	1.50	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

06/03/2019

2457MHz_TX

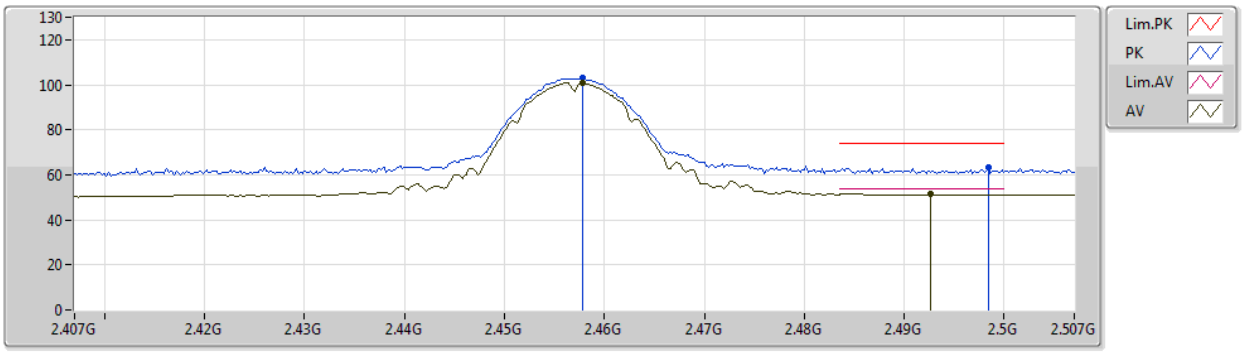


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	109.30	Inf	-Inf	35.01	3	Vertical	311	1.98	-
AV	2.4838G	53.67	54.00	-0.33	35.15	3	Vertical	311	1.98	-
PK	2.456G	111.19	Inf	-Inf	35.01	3	Vertical	311	1.98	-
PK	2.484G	64.19	74.00	-9.81	35.15	3	Vertical	311	1.98	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

06/03/2019

2457MHz_TX

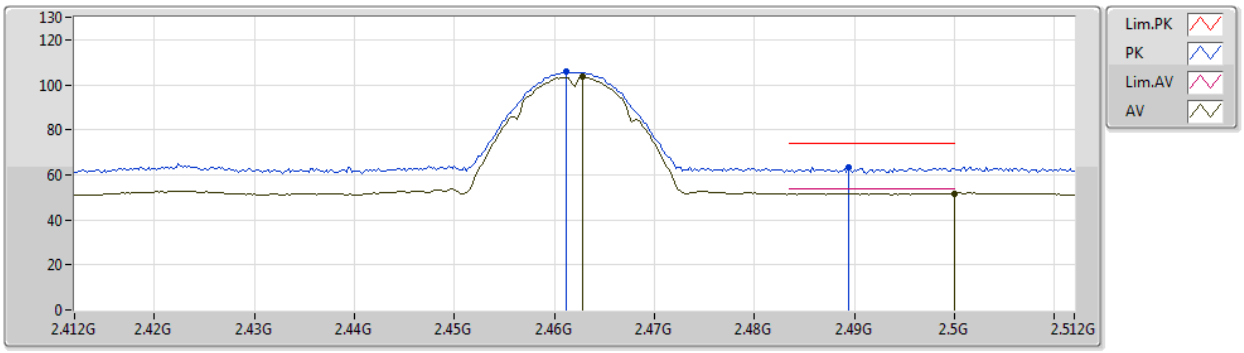


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4578G	100.97	Inf	-Inf	35.02	3	Horizontal	152	1.48	-
AV	2.4926G	51.49	54.00	-2.51	35.18	3	Horizontal	152	1.48	-
PK	2.4578G	103.04	Inf	-Inf	35.02	3	Horizontal	152	1.48	-
PK	2.4984G	63.41	74.00	-10.59	35.20	3	Horizontal	152	1.48	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

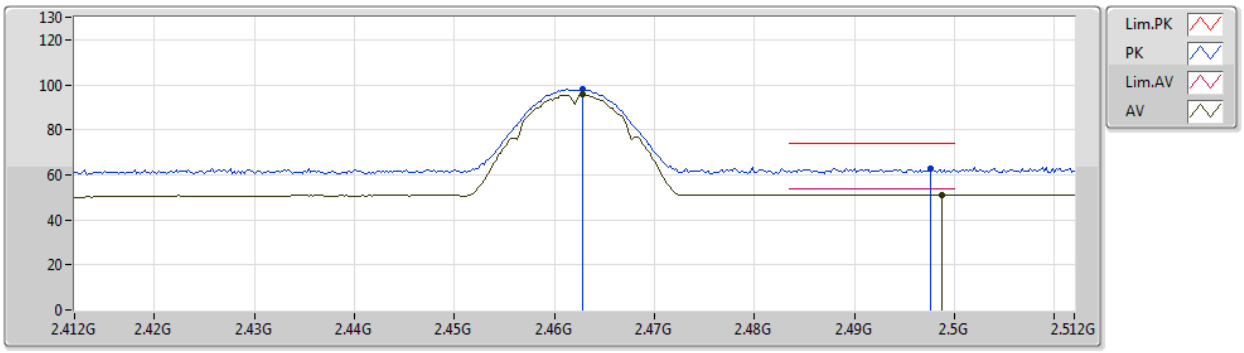


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4628G	103.44	Inf	-Inf	35.04	3	Vertical	336	1.25	-
AV	2.5G	51.81	54.00	-2.19	35.22	3	Vertical	336	1.25	-
PK	2.4612G	105.65	Inf	-Inf	35.03	3	Vertical	336	1.25	-
PK	2.4894G	63.31	74.00	-10.69	35.17	3	Vertical	336	1.25	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

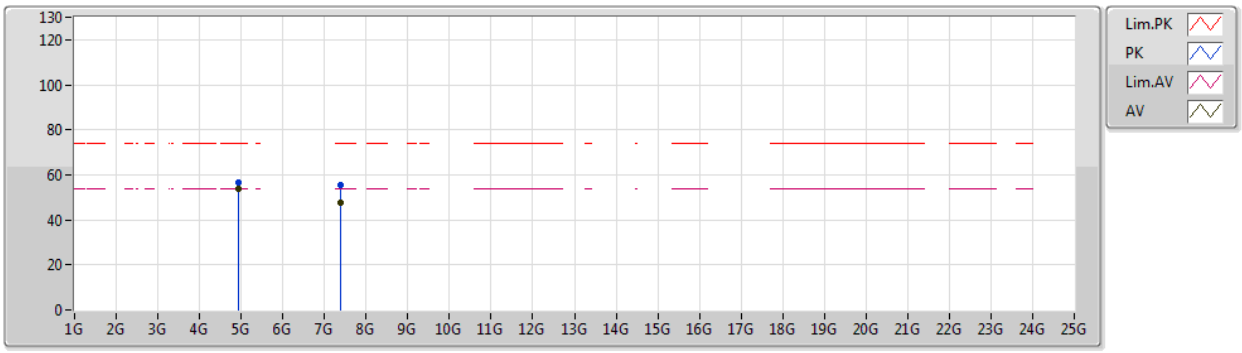


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4628G	95.85	Inf	-Inf	35.04	3	Horizontal	158	1.49	-
AV	2.4988G	51.25	54.00	-2.75	35.21	3	Horizontal	158	1.49	-
PK	2.4628G	97.89	Inf	-Inf	35.04	3	Horizontal	158	1.49	-
PK	2.4976G	62.92	74.00	-11.08	35.20	3	Horizontal	158	1.49	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

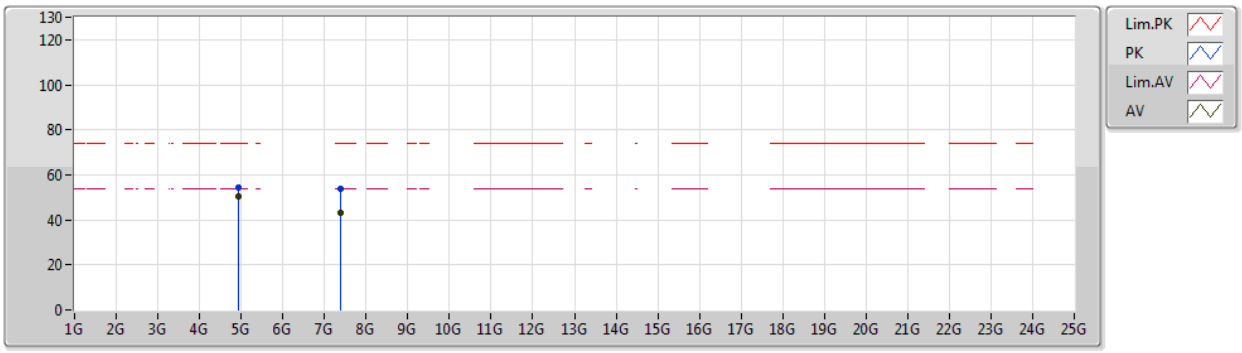


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	53.76	54.00	-0.24	8.77	3	Vertical	162	2.85	-
AV	7.38516G	47.69	54.00	-6.31	12.95	3	Vertical	181	1.31	-
PK	4.92388G	56.51	74.00	-17.49	8.77	3	Vertical	162	2.85	-
PK	7.38564G	55.49	74.00	-18.51	12.95	3	Vertical	181	1.31	-

802.11b_Nss1,(1Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

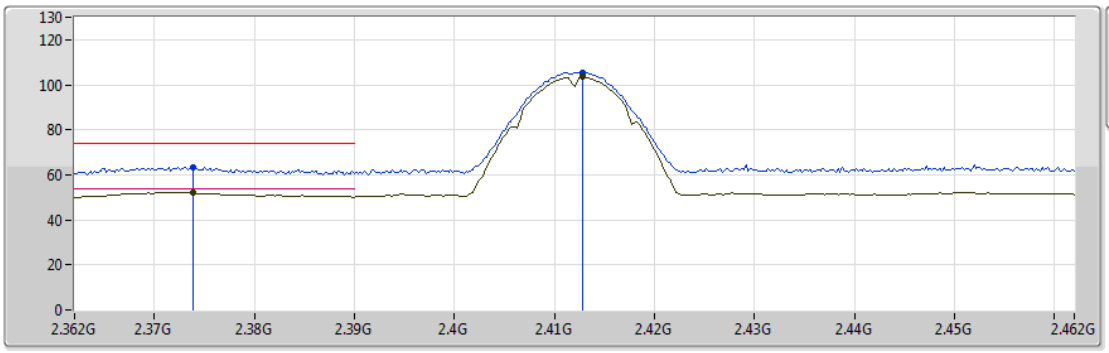


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92394G	50.54	54.00	-3.46	8.77	3	Horizontal	122	1.61	-
AV	7.3851G	43.03	54.00	-10.97	12.95	3	Horizontal	163	1.49	-
PK	4.924G	54.43	74.00	-19.57	8.77	3	Horizontal	122	1.61	-
PK	7.38426G	53.52	74.00	-20.48	12.95	3	Horizontal	163	1.49	-

802.11b_Nss1,(1Mbps)_2TX

07/03/2019

2412MHz_TX

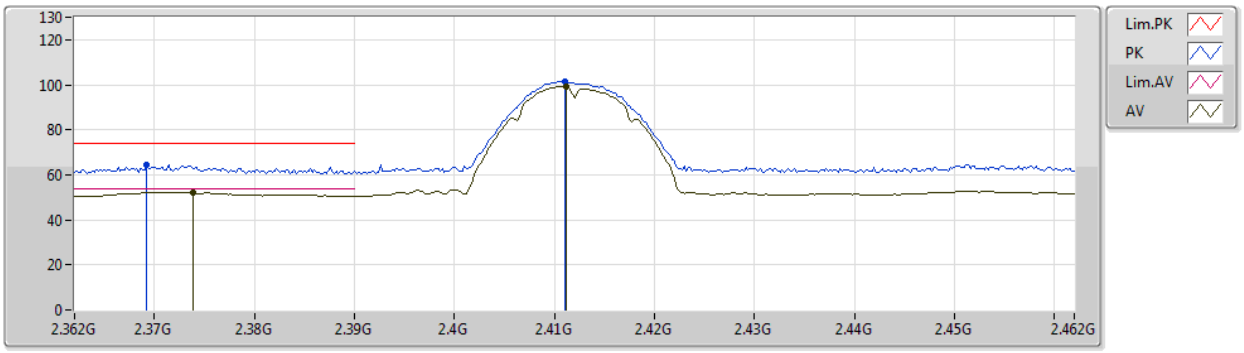


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3738G	52.16	54.00	-1.84	34.64	3	Vertical	305	2.15	-
AV	2.4128G	103.57	Inf	-Inf	34.82	3	Vertical	305	2.15	-
PK	2.3738G	63.37	74.00	-10.63	34.64	3	Vertical	305	2.15	-
PK	2.4128G	105.61	Inf	-Inf	34.82	3	Vertical	305	2.15	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

07/03/2019

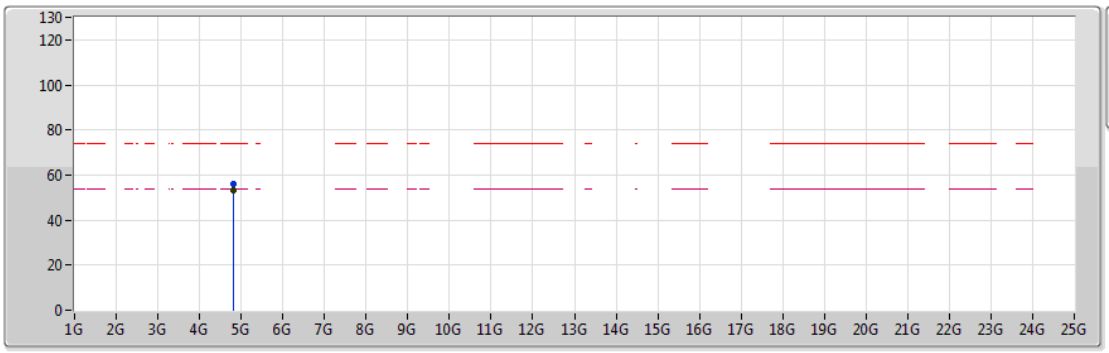


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3738G	52.16	54.00	-1.84	34.64	3	Horizontal	29	1.01	-
AV	2.4112G	99.18	Inf	-Inf	34.81	3	Horizontal	29	1.01	-
PK	2.3692G	64.24	74.00	-9.76	34.62	3	Horizontal	29	1.01	-
PK	2.411G	101.33	Inf	-Inf	34.81	3	Horizontal	29	1.01	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

07/03/2019

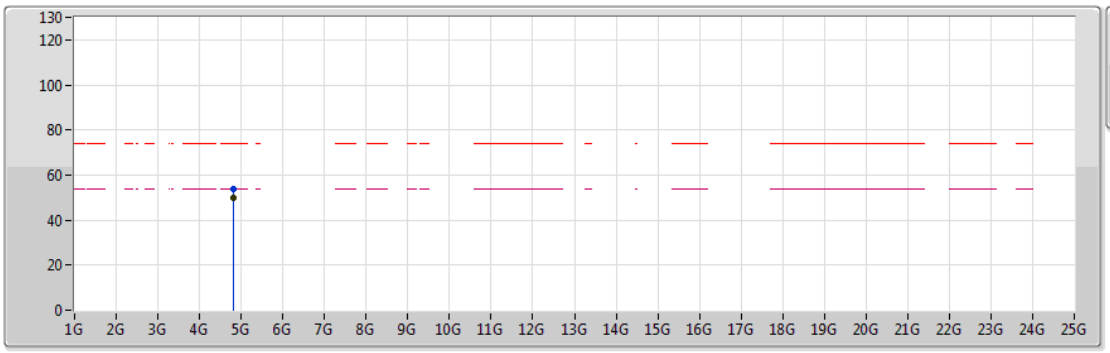


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	53.36	54.00	-0.64	8.53	3	Vertical	171	2.85	-
PK	4.82394G	56.30	74.00	-17.70	8.53	3	Vertical	171	2.85	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

07/03/2019

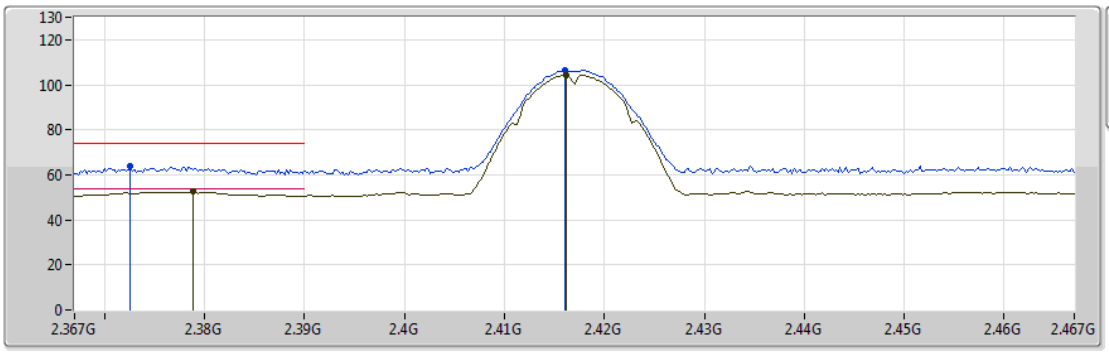


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.824G	50.00	54.00	-4.00	8.53	3	Horizontal	117	1.50	-
PK	4.82406G	53.96	74.00	-20.04	8.53	3	Horizontal	117	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

07/03/2019

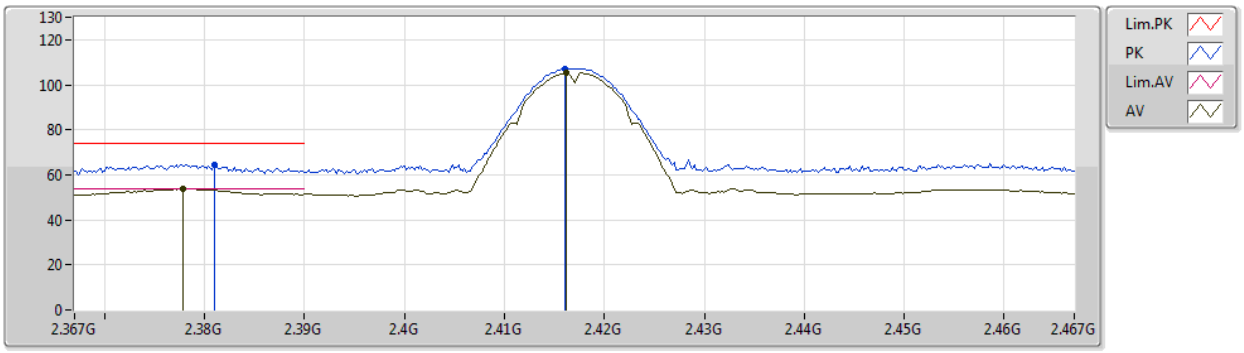


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3788G	52.40	54.00	-1.60	34.67	3	Vertical	310	2.16	-
AV	2.4162G	104.48	Inf	-Inf	34.83	3	Vertical	310	2.16	-
PK	2.3726G	63.76	74.00	-10.24	34.63	3	Vertical	310	2.16	-
PK	2.416G	106.46	Inf	-Inf	34.83	3	Vertical	310	2.16	-

802.11b_Nss1,(1Mbps)_2TX

2417MHz_TX

07/03/2019

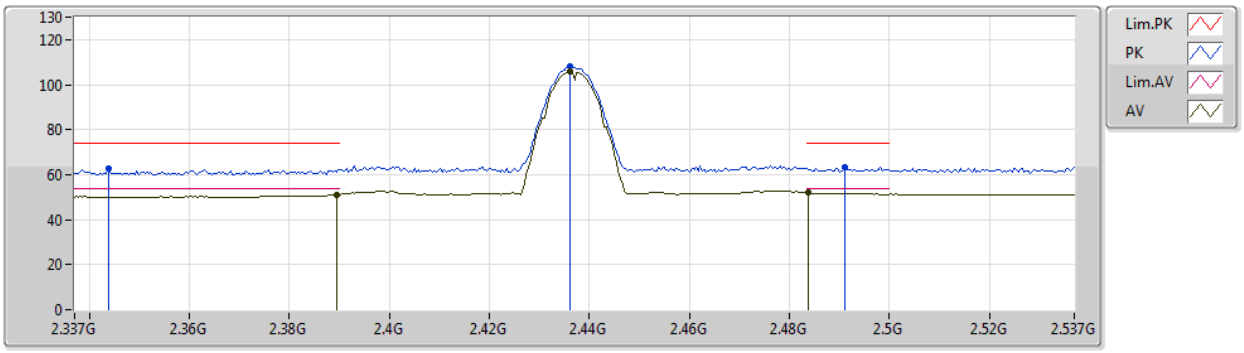


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3778G	53.76	54.00	-0.24	34.65	3	Horizontal	32	1.01	-
AV	2.4162G	105.26	Inf	-Inf	34.83	3	Horizontal	32	1.01	-
PK	2.381G	64.60	74.00	-9.40	34.67	3	Horizontal	32	1.01	-
PK	2.416G	107.27	Inf	-Inf	34.83	3	Horizontal	32	1.01	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

07/03/2019

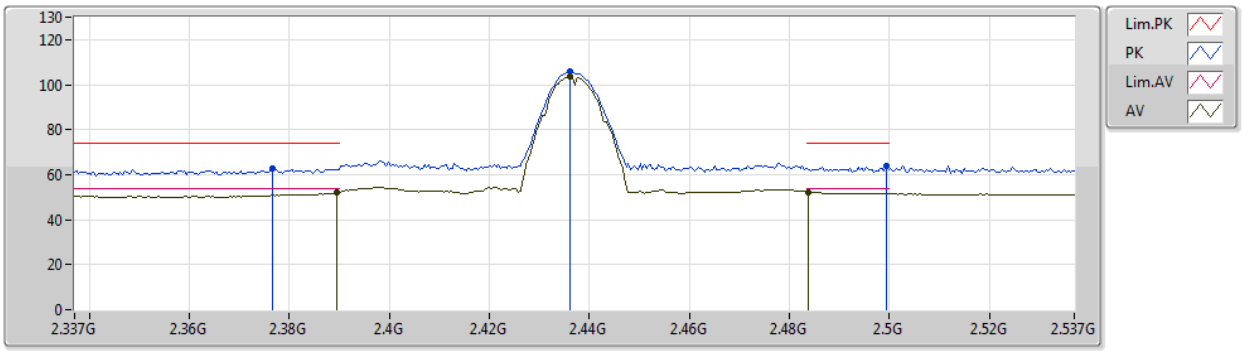


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	51.08	54.00	-2.92	34.71	3	Vertical	321	2.56	-
AV	2.4362G	105.88	Inf	-Inf	34.92	3	Vertical	321	2.56	-
AV	2.4838G	52.00	54.00	-2.00	35.15	3	Vertical	321	2.56	-
PK	2.3438G	62.51	74.00	-11.49	34.50	3	Vertical	321	2.56	-
PK	2.4362G	107.92	Inf	-Inf	34.92	3	Vertical	321	2.56	-
PK	2.491G	63.24	74.00	-10.76	35.17	3	Vertical	321	2.56	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

07/03/2019

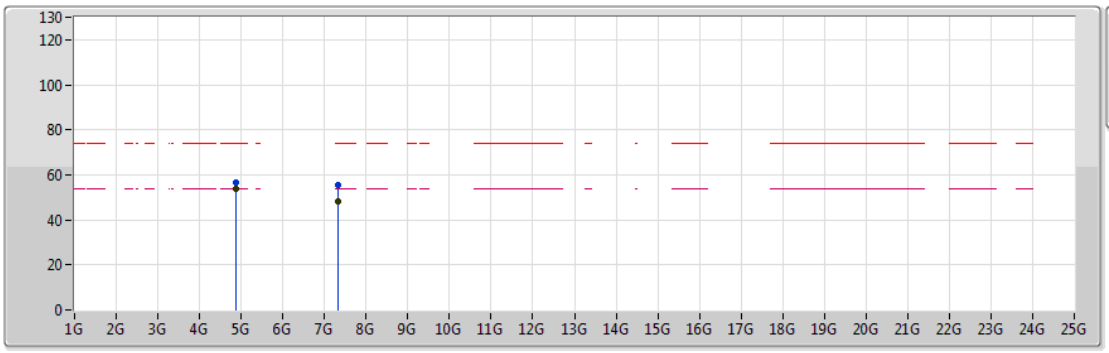


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	52.05	54.00	-1.95	34.71	3	Horizontal	0	1.96	-
AV	2.4362G	103.69	Inf	-Inf	34.92	3	Horizontal	0	1.96	-
AV	2.4838G	52.26	54.00	-1.74	35.15	3	Horizontal	0	1.96	-
PK	2.3766G	62.84	74.00	-11.16	34.65	3	Horizontal	0	1.96	-
PK	2.4362G	105.76	Inf	-Inf	34.92	3	Horizontal	0	1.96	-
PK	2.4994G	63.75	74.00	-10.25	35.21	3	Horizontal	0	1.96	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

07/03/2019

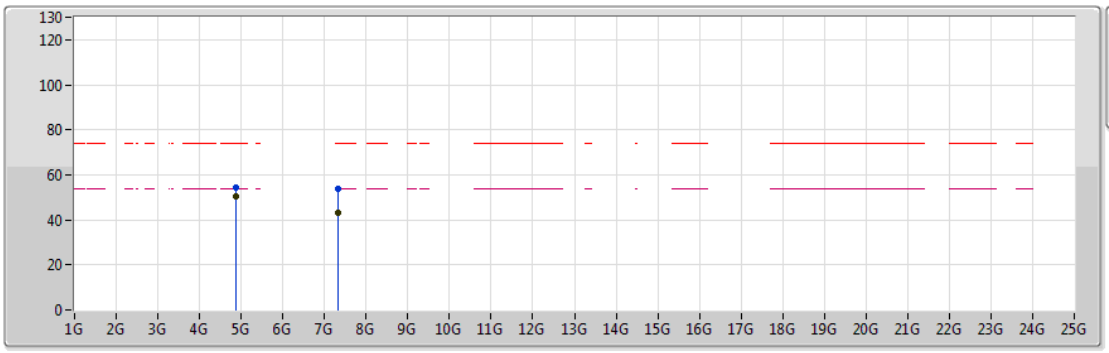


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	53.85	54.00	-0.15	8.65	3	Vertical	176	2.83	-
AV	7.31178G	48.05	54.00	-5.95	12.85	3	Vertical	194	1.30	-
PK	4.87406G	56.86	74.00	-17.14	8.65	3	Vertical	176	2.83	-
PK	7.31178G	55.42	74.00	-18.58	12.85	3	Vertical	194	1.30	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

07/03/2019

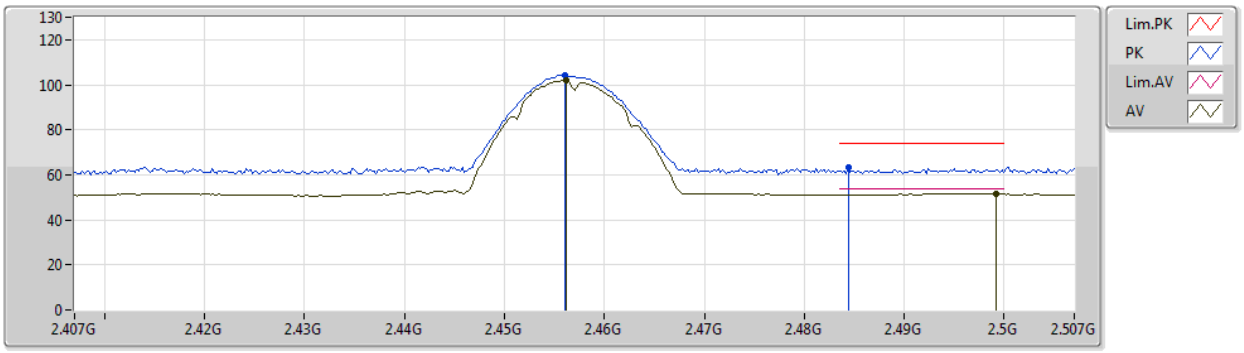


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	50.62	54.00	-3.38	8.65	3	Horizontal	121	1.75	-
AV	7.31184G	43.22	54.00	-10.78	12.85	3	Horizontal	284	1.50	-
PK	4.87394G	54.20	74.00	-19.80	8.65	3	Horizontal	121	1.75	-
PK	7.31178G	53.58	74.00	-20.42	12.85	3	Horizontal	284	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

07/03/2019

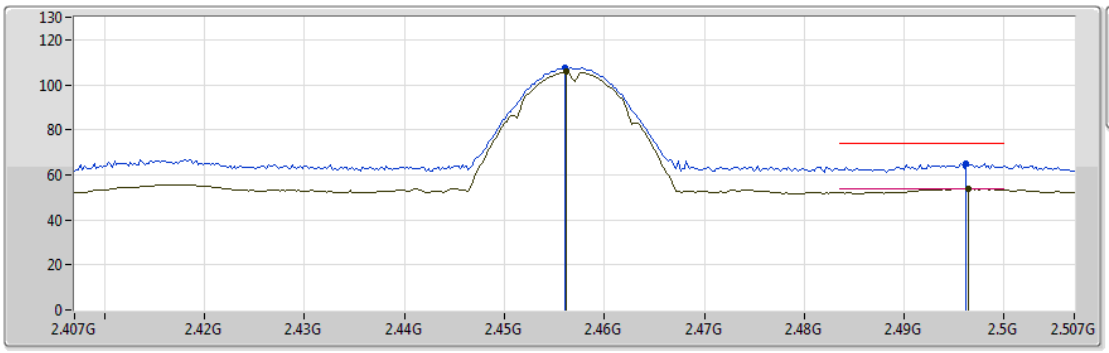


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	101.90	Inf	-Inf	35.01	3	Vertical	320	1.54	-
AV	2.4992G	51.80	54.00	-2.20	35.21	3	Vertical	320	1.54	-
PK	2.456G	104.32	Inf	-Inf	35.01	3	Vertical	320	1.54	-
PK	2.4844G	63.15	74.00	-10.85	35.15	3	Vertical	320	1.54	-

802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

07/03/2019

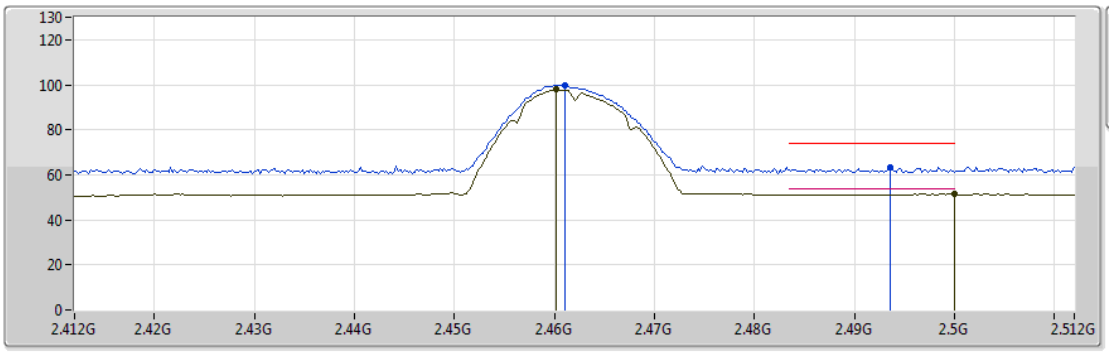


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	105.68	Inf	-Inf	35.01	3	Horizontal	35	2.13	-
AV	2.4964G	53.74	54.00	-0.26	35.20	3	Horizontal	35	2.13	-
PK	2.456G	107.67	Inf	-Inf	35.01	3	Horizontal	35	2.13	-
PK	2.4962G	65.14	74.00	-8.86	35.19	3	Horizontal	35	2.13	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

07/03/2019

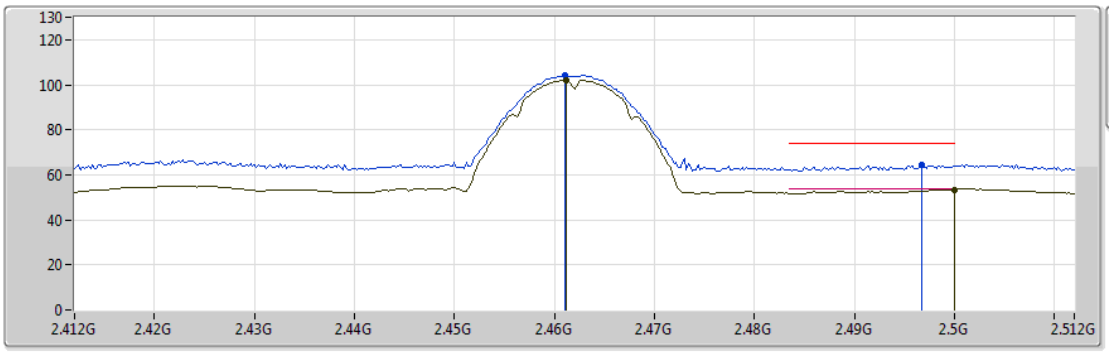


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4602G	97.83	Inf	-Inf	35.03	3	Vertical	25	1.08	-
AV	2.5G	51.53	54.00	-2.47	35.22	3	Vertical	25	1.08	-
PK	2.461G	99.84	Inf	-Inf	35.03	3	Vertical	25	1.08	-
PK	2.4936G	63.46	74.00	-10.54	35.18	3	Vertical	25	1.08	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

07/03/2019

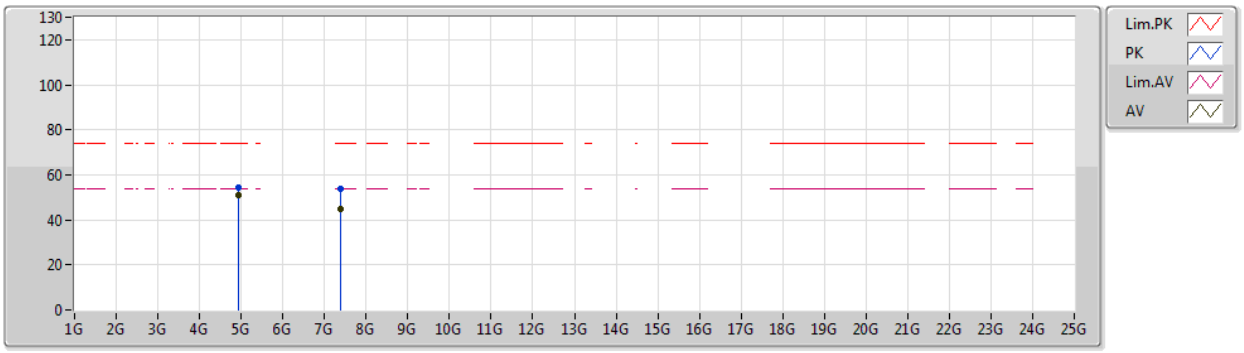


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	102.10	Inf	-Inf	35.03	3	Horizontal	23	2.14	-
AV	2.5G	53.30	54.00	-0.70	35.22	3	Horizontal	23	2.14	-
PK	2.461G	104.18	Inf	-Inf	35.03	3	Horizontal	23	2.14	-
PK	2.4968G	64.31	74.00	-9.69	35.20	3	Horizontal	23	2.14	-

802.11b_Nss1,(1Mbps)_2TX

07/03/2019

2462MHz_TX

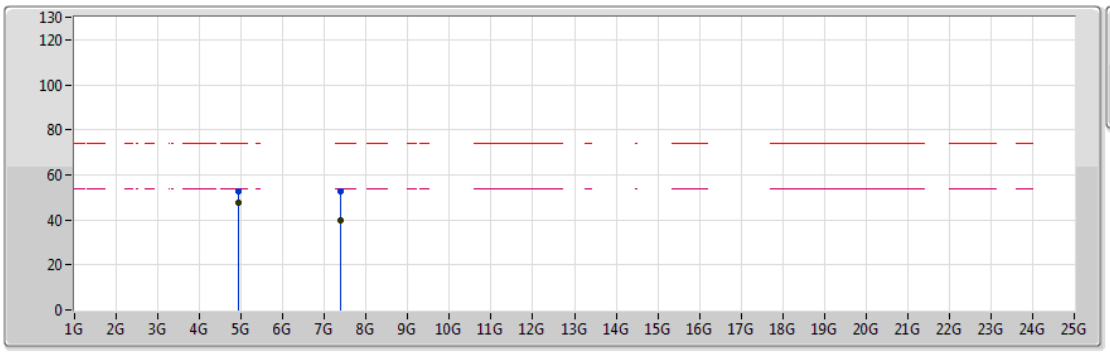


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92394G	50.82	54.00	-3.18	8.77	3	Vertical	157	2.86	-
AV	7.3845G	44.82	54.00	-9.18	12.95	3	Vertical	197	1.02	-
PK	4.92388G	54.17	74.00	-19.83	8.77	3	Vertical	157	2.86	-
PK	7.38618G	53.87	74.00	-20.13	12.95	3	Vertical	197	1.02	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

07/03/2019

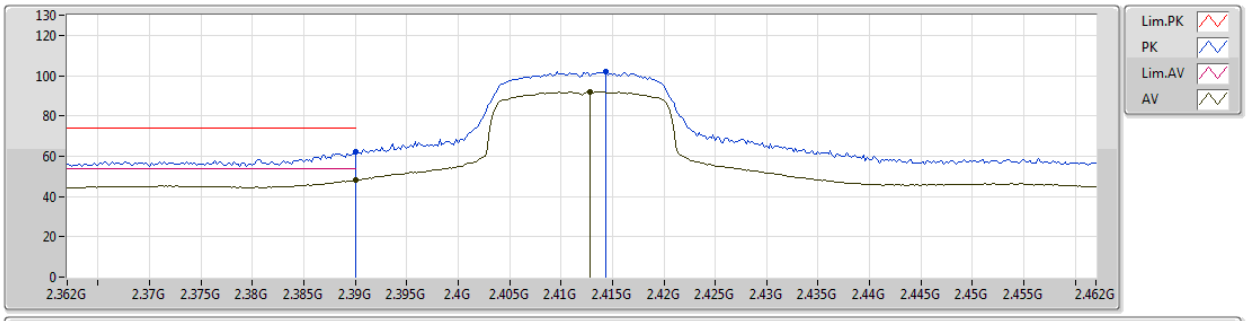


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	47.79	54.00	-6.21	8.77	3	Horizontal	123	1.76	-
AV	7.38606G	40.05	54.00	-13.95	12.95	3	Horizontal	359	1.50	-
PK	4.92382G	52.79	74.00	-21.21	8.77	3	Horizontal	123	1.76	-
PK	7.3761G	52.44	74.00	-21.56	12.94	3	Horizontal	359	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

01/02/2019

2412MHz_TX

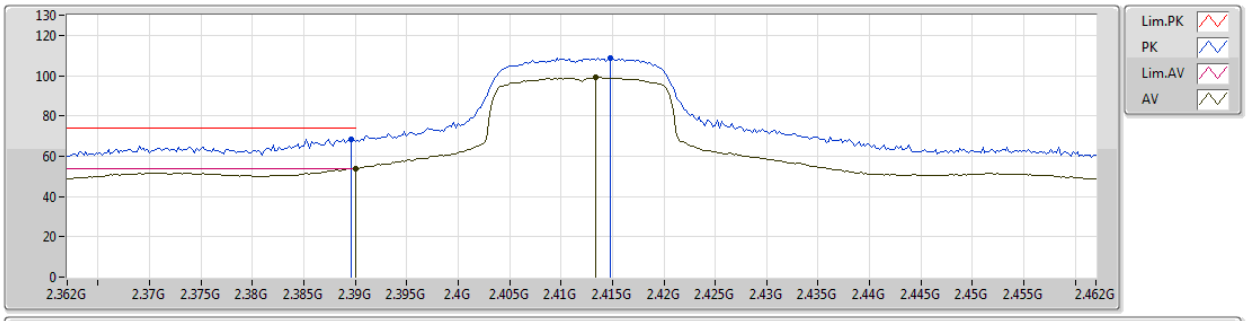


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	47.96	54.00	-6.04	30.77	3	Vertical	100	2.96	-
AV	2.4128G	91.96	Inf	-Inf	30.86	3	Vertical	100	2.96	-
PK	2.39G	62.00	74.00	-12.00	30.77	3	Vertical	100	2.96	-
PK	2.4144G	102.23	Inf	-Inf	30.86	3	Vertical	100	2.96	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

01/02/2019

2412MHz_TX

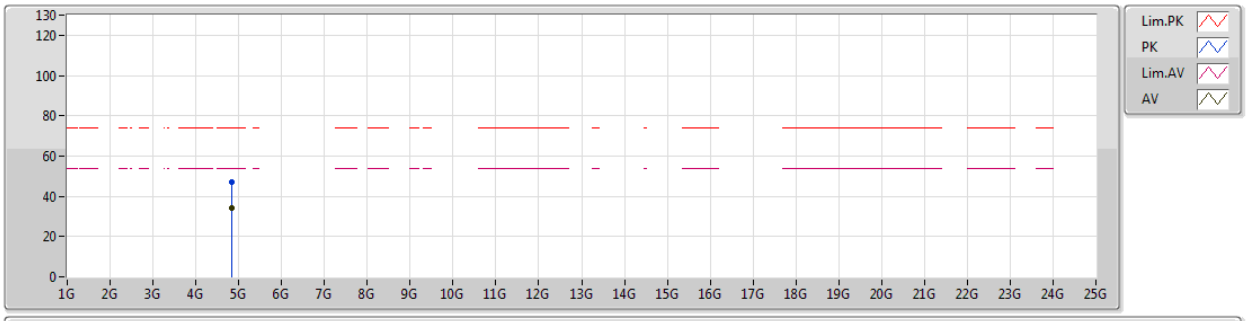


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.76	54.00	-0.24	30.77	3	Horizontal	24	1.91	-
AV	2.4134G	98.98	Inf	-Inf	30.86	3	Horizontal	24	1.91	-
PK	2.3896G	68.53	74.00	-5.47	30.77	3	Horizontal	24	1.91	-
PK	2.4148G	108.61	Inf	-Inf	30.86	3	Horizontal	24	1.91	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2412MHz_TX

01/02/2019

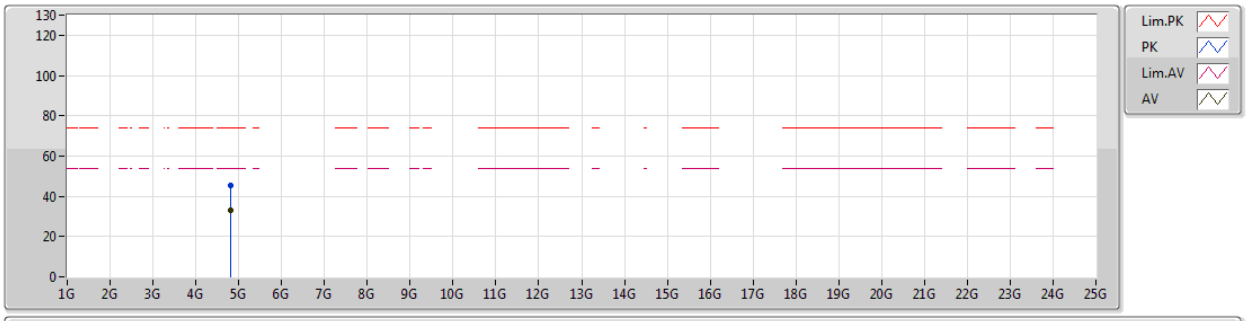


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82544G	34.17	54.00	-19.83	2.14	3	Vertical	184	1.01	-
PK	4.82556G	46.93	74.00	-27.07	2.14	3	Vertical	184	1.01	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

01/02/2019

2412MHz_TX

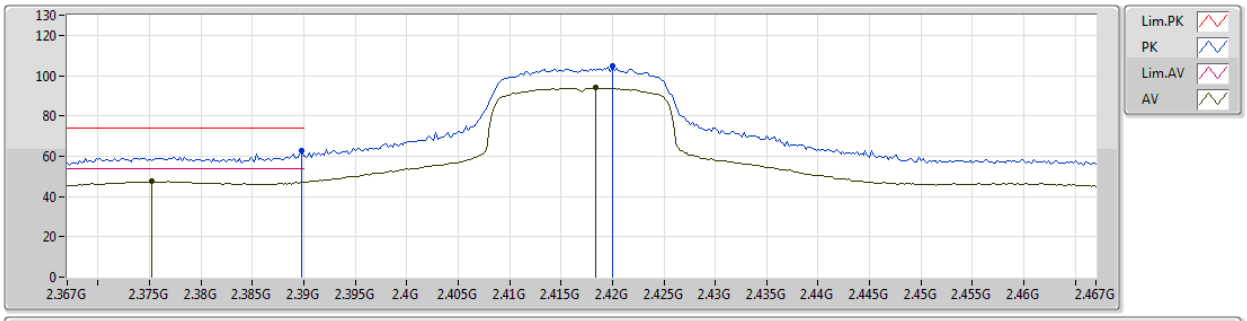


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82454G	33.20	54.00	-20.80	2.13	3	Horizontal	116	1.59	-
PK	4.8243G	45.65	74.00	-28.35	2.13	3	Horizontal	116	1.59	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

13/02/2019

2417MHz_TX

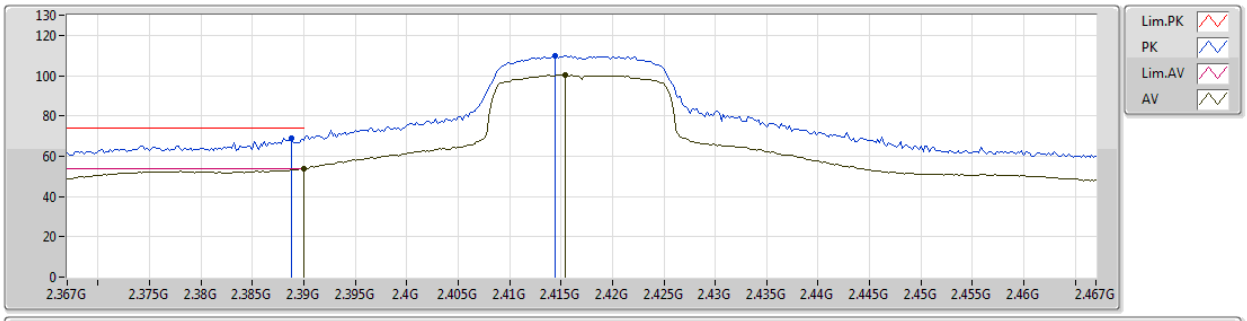


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3752G	47.40	54.00	-6.60	30.72	3	Vertical	99	2.99	-
AV	2.4184G	93.96	Inf	-Inf	30.87	3	Vertical	99	2.99	-
PK	2.3898G	62.49	74.00	-11.51	30.77	3	Vertical	99	2.99	-
PK	2.42G	104.66	Inf	-Inf	30.89	3	Vertical	99	2.99	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2417MHz_TX

13/02/2019

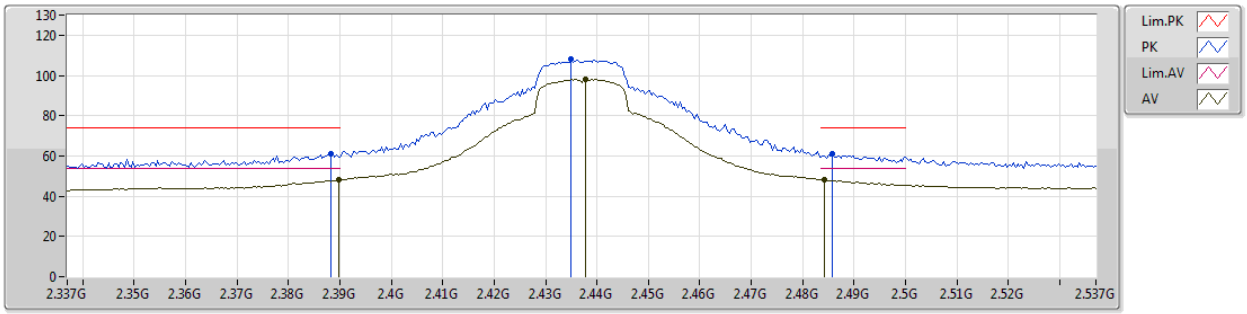


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.80	54.00	-0.20	30.77	3	Horizontal	11	2.86	-
AV	2.4154G	100.32	Inf	-Inf	30.86	3	Horizontal	11	2.86	-
PK	2.3888G	68.94	74.00	-5.06	30.77	3	Horizontal	11	2.86	-
PK	2.4144G	109.76	Inf	-Inf	30.86	3	Horizontal	11	2.86	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

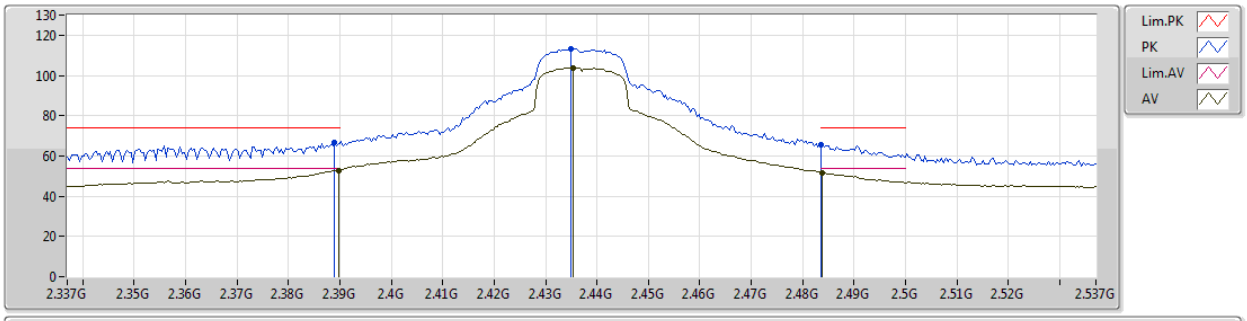


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	47.93	54.00	-6.07	30.77	3	Vertical	101	2.43	-
AV	2.4378G	98.02	Inf	-Inf	30.95	3	Vertical	101	2.43	-
AV	2.4842G	48.15	54.00	-5.85	31.12	3	Vertical	101	2.43	-
PK	2.3882G	61.15	74.00	-12.85	30.77	3	Vertical	101	2.43	-
PK	2.435G	108.02	Inf	-Inf	30.94	3	Vertical	101	2.43	-
PK	2.4858G	60.90	74.00	-13.10	31.12	3	Vertical	101	2.43	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

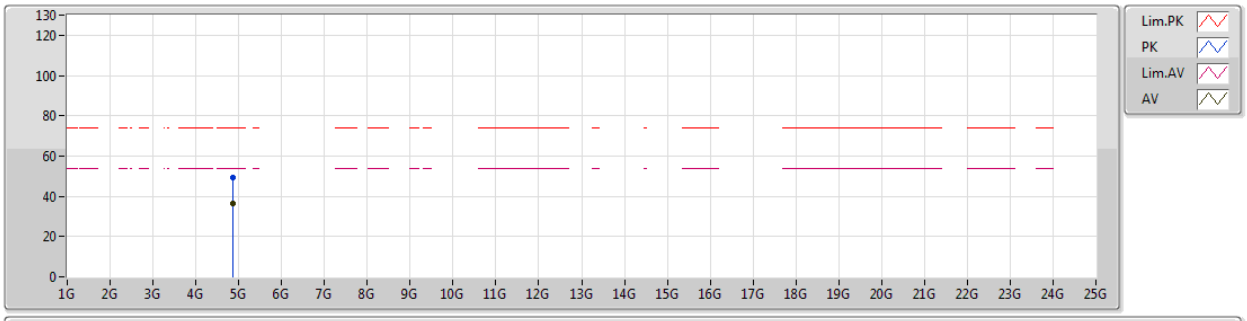


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.93	54.00	-1.07	30.77	3	Horizontal	17	1.50	-
AV	2.4354G	103.80	Inf	-Inf	30.94	3	Horizontal	17	1.50	-
AV	2.4838G	51.58	54.00	-2.42	31.11	3	Horizontal	17	1.50	-
PK	2.389G	66.81	74.00	-7.19	30.77	3	Horizontal	17	1.50	-
PK	2.435G	113.46	Inf	-Inf	30.94	3	Horizontal	17	1.50	-
PK	2.4835G	65.67	74.00	-8.33	31.11	3	Horizontal	17	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

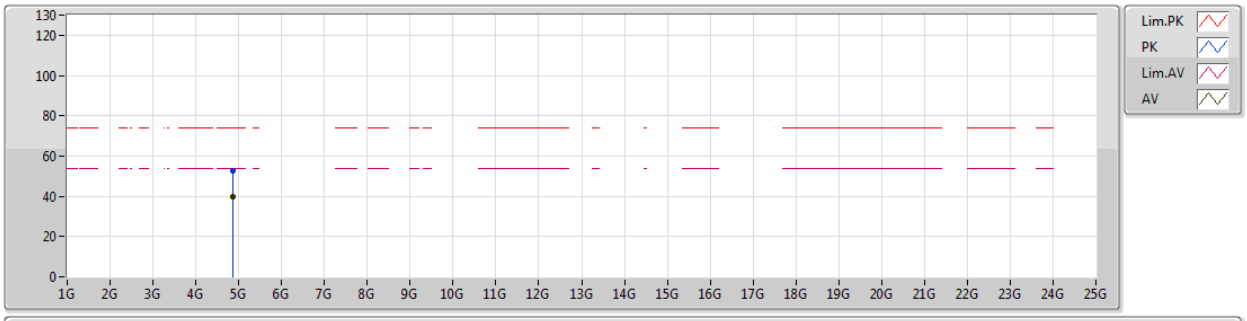


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87298G	36.21	54.00	-17.79	2.25	3	Vertical	340	1.49	-
PK	4.87568G	49.16	74.00	-24.84	2.26	3	Vertical	340	1.49	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2437MHz_TX

01/02/2019

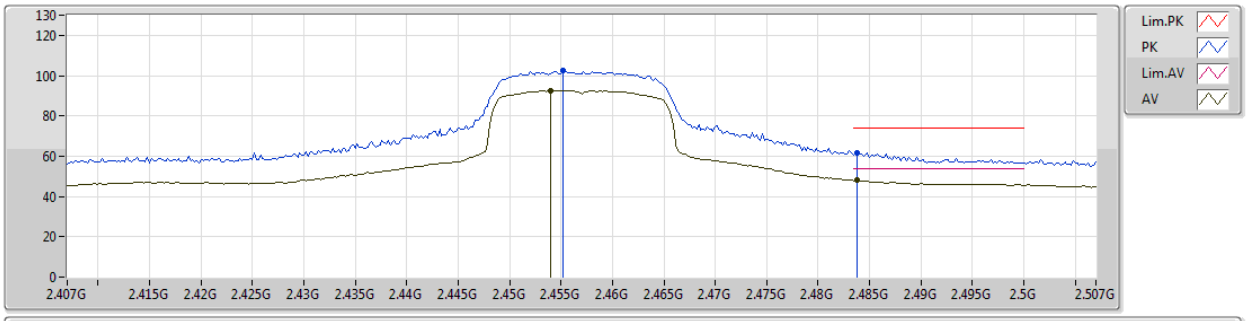


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87526G	39.62	54.00	-14.38	2.26	3	Horizontal	130	1.50	-
PK	4.87316G	52.87	74.00	-21.13	2.25	3	Horizontal	130	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

13/02/2019

2457MHz_TX

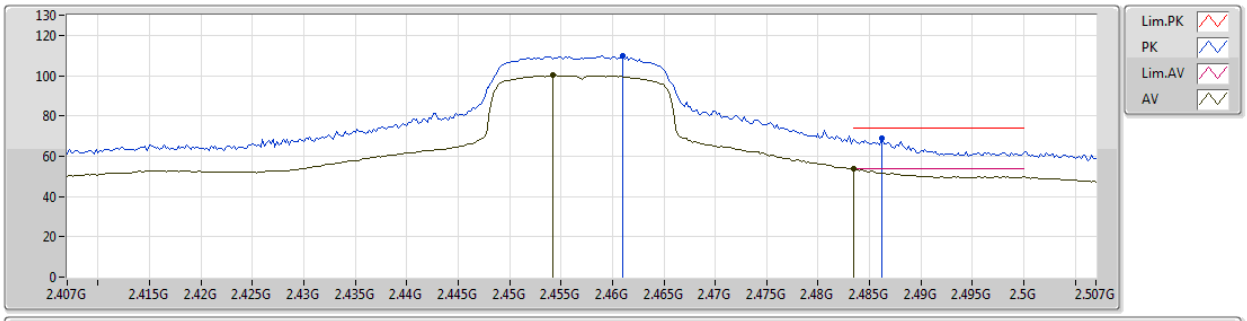


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.454G	92.58	Inf	-Inf	31.00	3	Vertical	92	2.84	-
AV	2.4838G	47.98	54.00	-6.02	31.11	3	Vertical	92	2.84	-
PK	2.4552G	102.42	Inf	-Inf	31.00	3	Vertical	92	2.84	-
PK	2.4838G	61.73	74.00	-12.27	31.11	3	Vertical	92	2.84	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

13/02/2019

2457MHz_TX

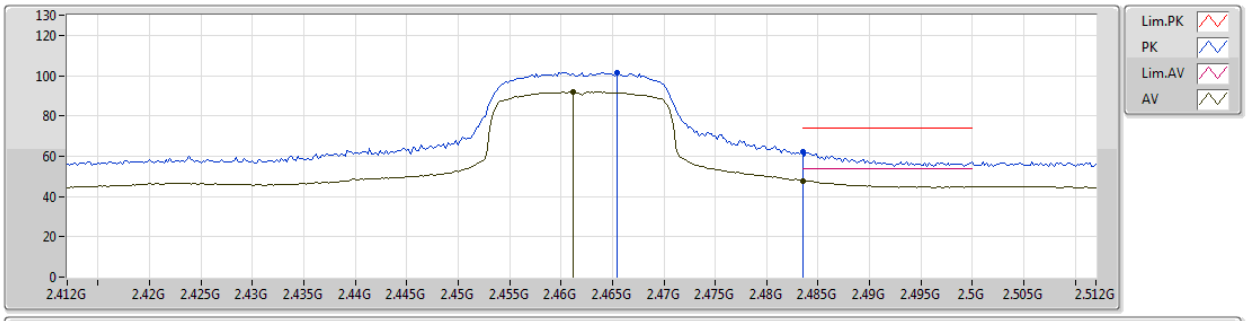


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4542G	100.28	Inf	-Inf	31.00	3	Horizontal	15	2.24	-
AV	2.4835G	53.67	54.00	-0.33	31.11	3	Horizontal	15	2.24	-
PK	2.461G	109.69	Inf	-Inf	31.03	3	Horizontal	15	2.24	-
PK	2.4862G	68.78	74.00	-5.22	31.12	3	Horizontal	15	2.24	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

01/02/2019

2462MHz_TX

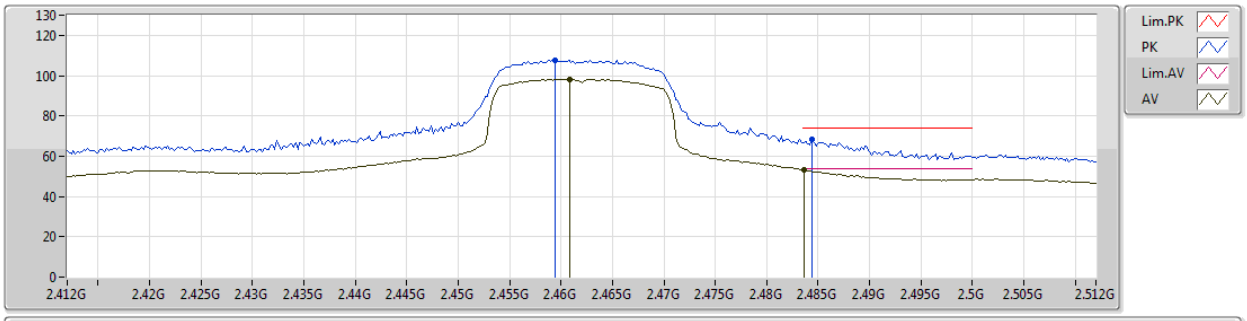


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	91.86	Inf	-Inf	31.03	3	Vertical	103	2.64	-
AV	2.4835G	47.86	54.00	-6.14	31.11	3	Vertical	103	2.64	-
PK	2.4654G	101.69	Inf	-Inf	31.04	3	Vertical	103	2.64	-
PK	2.4835G	62.28	74.00	-11.72	31.11	3	Vertical	103	2.64	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

01/02/2019

2462MHz_TX

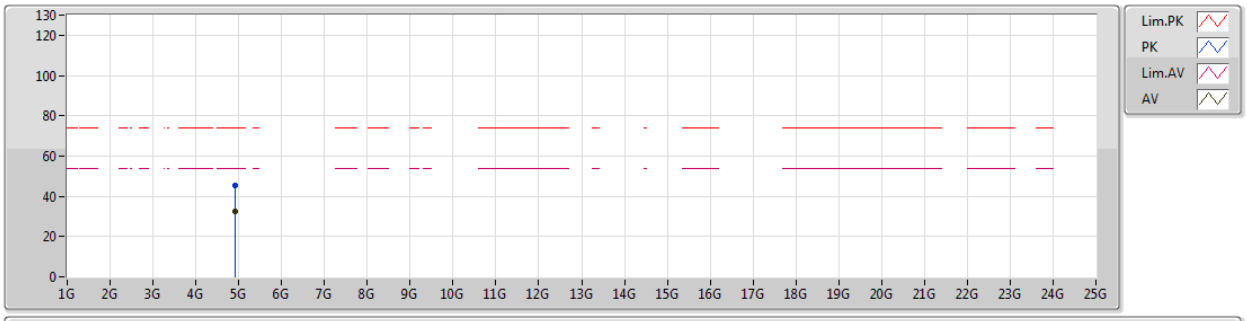


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4608G	98.20	Inf	-Inf	31.03	3	Horizontal	17	1.95	-
AV	2.4836G	53.31	54.00	-0.69	31.11	3	Horizontal	17	1.95	-
PK	2.4594G	107.52	Inf	-Inf	31.03	3	Horizontal	17	1.95	-
PK	2.4844G	68.26	74.00	-5.74	31.12	3	Horizontal	17	1.95	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2462MHz_TX

01/02/2019

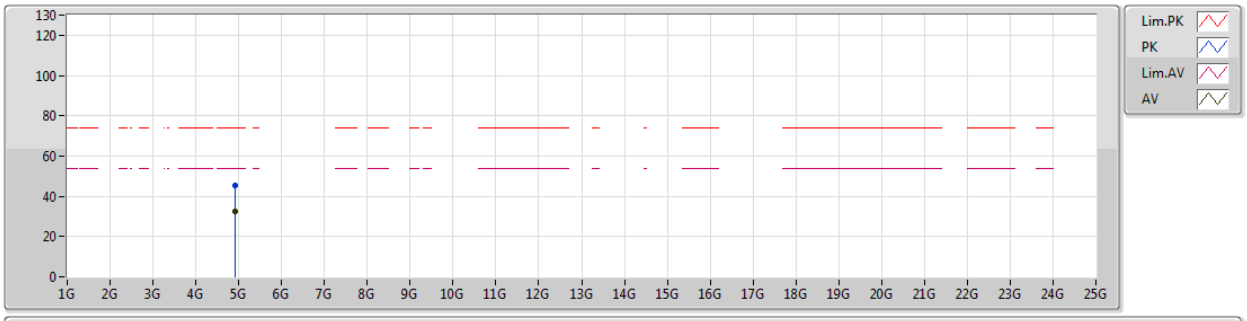


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9261G	32.78	54.00	-21.22	2.39	3	Vertical	187	1.80	-
PK	4.92082G	45.25	74.00	-28.75	2.36	3	Vertical	187	1.80	-

802.11g_Nss1,(6Mbps)_1TX(Port1)

2462MHz_TX

01/02/2019

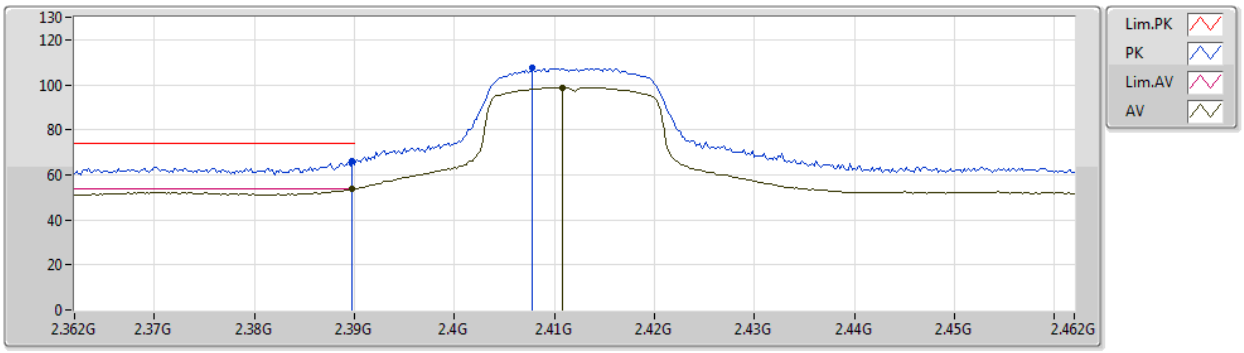


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92352G	32.31	54.00	-21.69	2.38	3	Horizontal	115	1.45	-
PK	4.92514G	45.22	74.00	-28.78	2.39	3	Horizontal	115	1.45	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

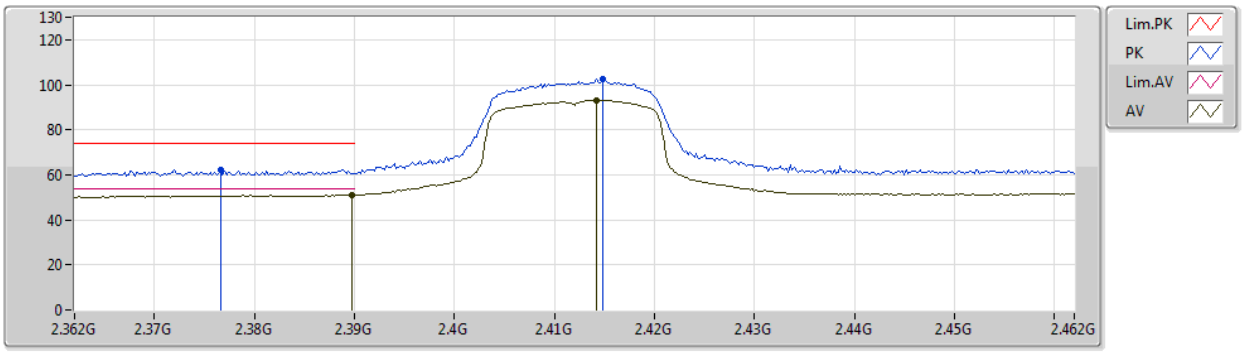


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.71	54.00	-0.29	34.71	3	Vertical	324	1.50	-
AV	2.4108G	98.87	Inf	-Inf	34.81	3	Vertical	324	1.50	-
PK	2.3898G	65.92	74.00	-8.08	34.71	3	Vertical	324	1.50	-
PK	2.4078G	107.37	Inf	-Inf	34.79	3	Vertical	324	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

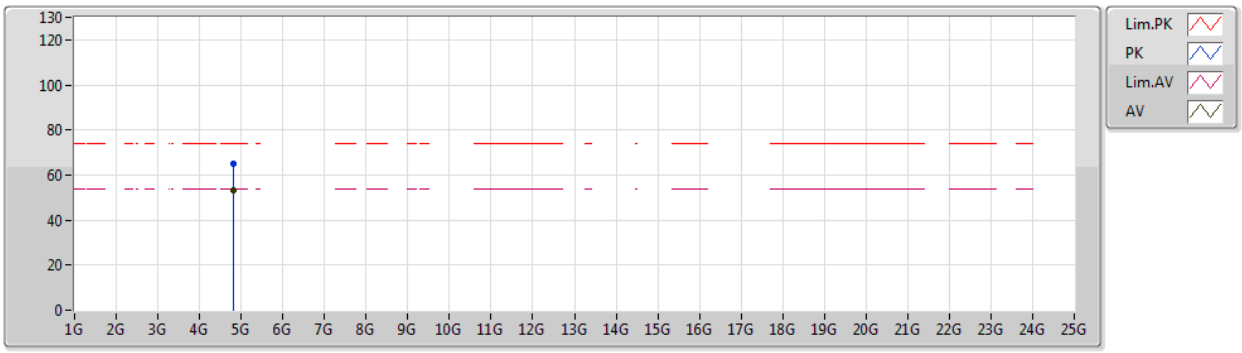


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	51.09	54.00	-2.91	34.71	3	Horizontal	67	1.03	-
AV	2.4142G	92.98	Inf	-Inf	34.83	3	Horizontal	67	1.03	-
PK	2.3766G	62.13	74.00	-11.87	34.65	3	Horizontal	67	1.03	-
PK	2.4148G	102.45	Inf	-Inf	34.83	3	Horizontal	67	1.03	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

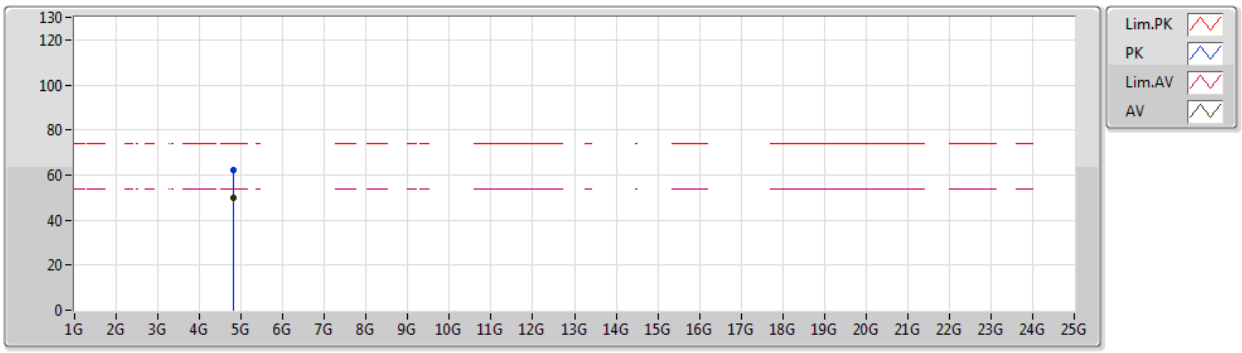


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82352G	53.09	54.00	-0.91	8.53	3	Vertical	173	2.84	-
PK	4.82502G	64.74	74.00	-9.26	8.54	3	Vertical	173	2.84	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2412MHz_TX

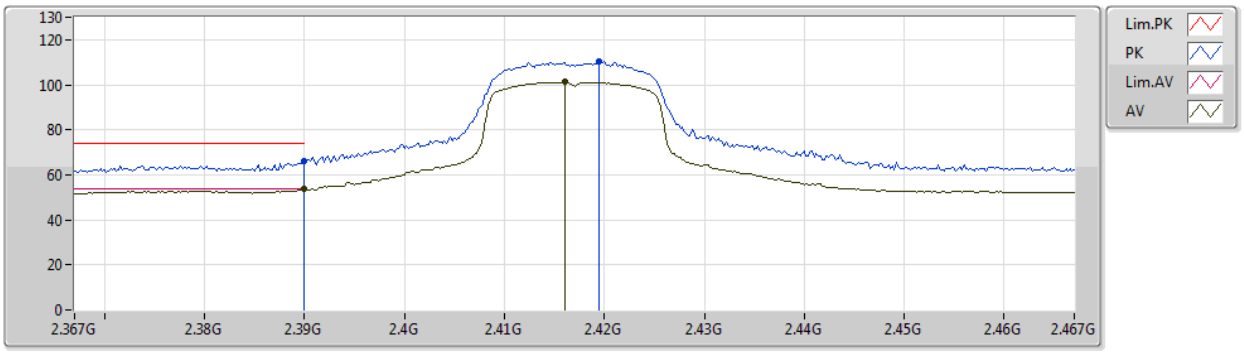


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8246G	49.91	54.00	-4.09	8.53	3	Horizontal	117	1.74	-
PK	4.8249G	62.31	74.00	-11.69	8.53	3	Horizontal	117	1.74	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2417MHz_TX

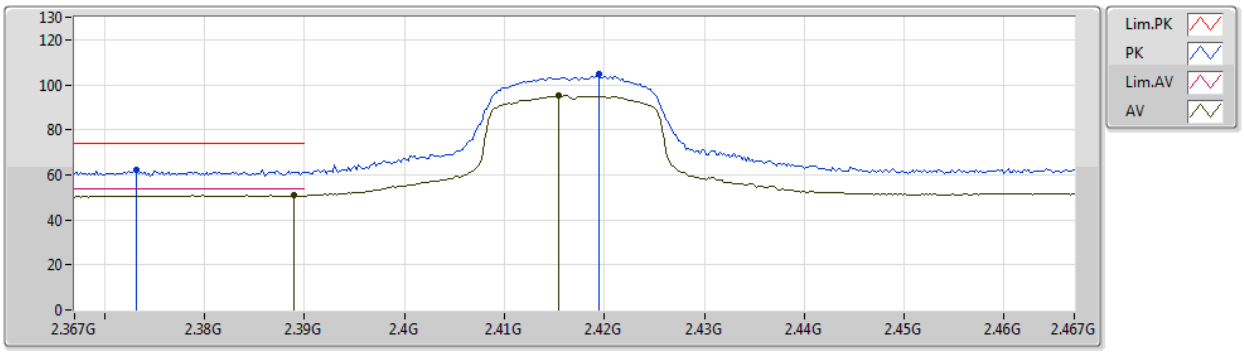


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.71	54.00	-0.29	34.71	3	Vertical	317	1.22	-
AV	2.416G	101.31	Inf	-Inf	34.83	3	Vertical	317	1.22	-
PK	2.39G	65.97	74.00	-8.03	34.71	3	Vertical	317	1.22	-
PK	2.4194G	110.35	Inf	-Inf	34.85	3	Vertical	317	1.22	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2417MHz_TX

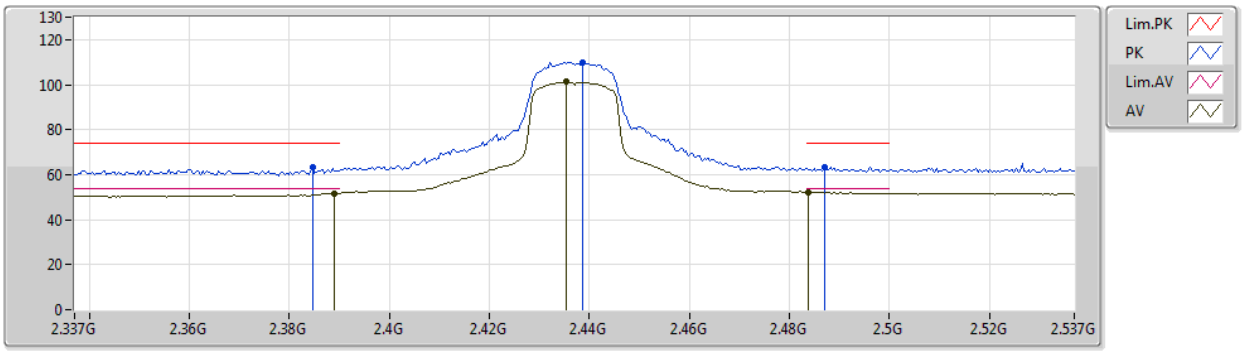


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	50.82	54.00	-3.18	34.71	3	Horizontal	64	2.58	-
AV	2.4154G	95.18	Inf	-Inf	34.83	3	Horizontal	64	2.58	-
PK	2.3732G	62.18	74.00	-11.82	34.63	3	Horizontal	64	2.58	-
PK	2.4194G	104.85	Inf	-Inf	34.85	3	Horizontal	64	2.58	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

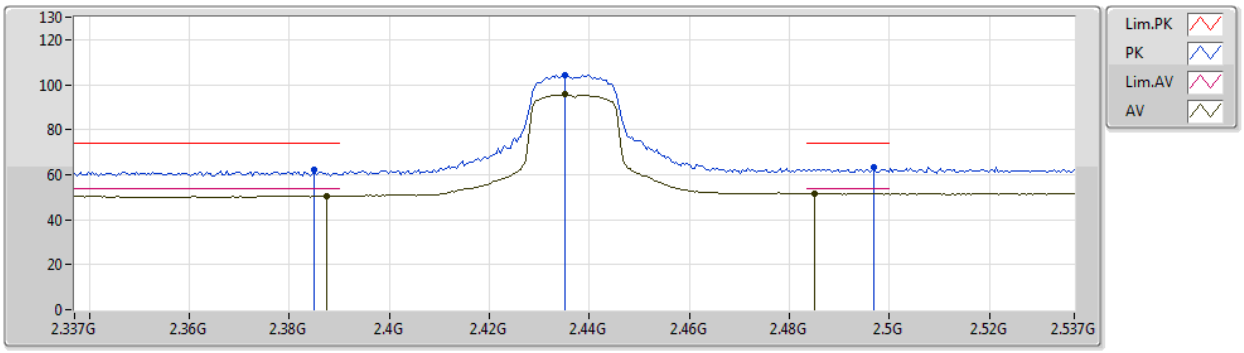


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	51.81	54.00	-2.19	34.71	3	Vertical	328	1.50	-
AV	2.4354G	101.25	Inf	-Inf	34.92	3	Vertical	328	1.50	-
AV	2.4838G	52.26	54.00	-1.74	35.15	3	Vertical	328	1.50	-
PK	2.3846G	63.13	74.00	-10.87	34.69	3	Vertical	328	1.50	-
PK	2.4386G	109.79	Inf	-Inf	34.93	3	Vertical	328	1.50	-
PK	2.487G	63.43	74.00	-10.57	35.16	3	Vertical	328	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

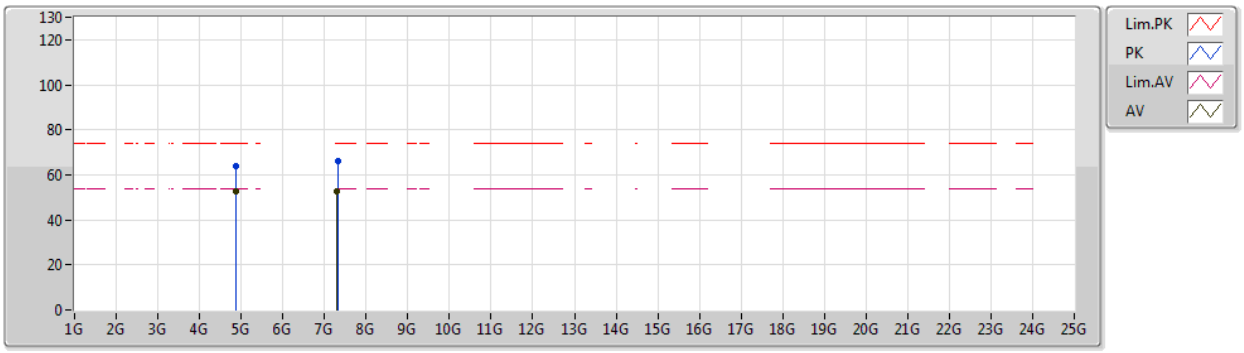


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3874G	50.53	54.00	-3.47	34.70	3	Horizontal	65	2.51	-
AV	2.435G	95.58	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
AV	2.485G	51.74	54.00	-2.26	35.15	3	Horizontal	65	2.51	-
PK	2.385G	61.97	74.00	-12.03	34.69	3	Horizontal	65	2.51	-
PK	2.435G	104.21	Inf	-Inf	34.92	3	Horizontal	65	2.51	-
PK	2.497G	63.20	74.00	-10.80	35.20	3	Horizontal	65	2.51	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

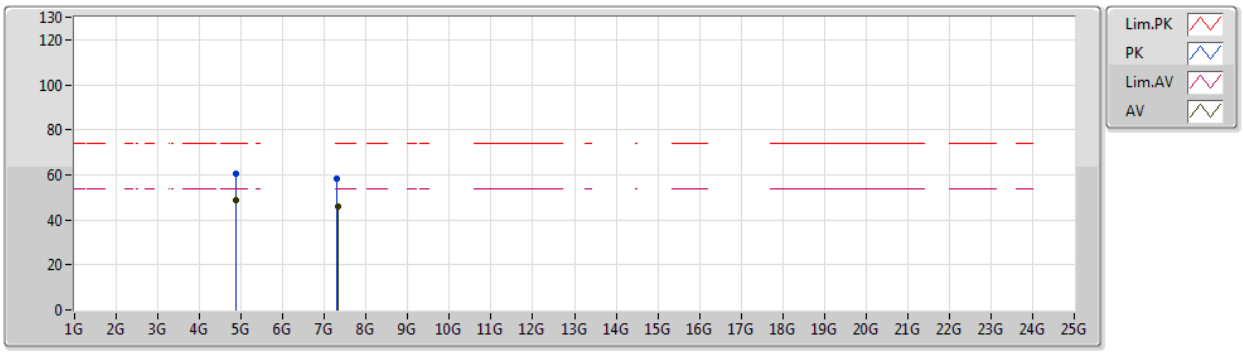


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.871G	52.73	54.00	-1.27	8.65	3	Vertical	174	2.82	-
AV	7.3084G	52.79	54.00	-1.21	12.85	3	Vertical	195	1.23	-
PK	4.8722G	64.09	74.00	-9.91	8.65	3	Vertical	174	2.82	-
PK	7.314G	66.20	74.00	-7.80	12.86	3	Vertical	195	1.23	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2437MHz_TX

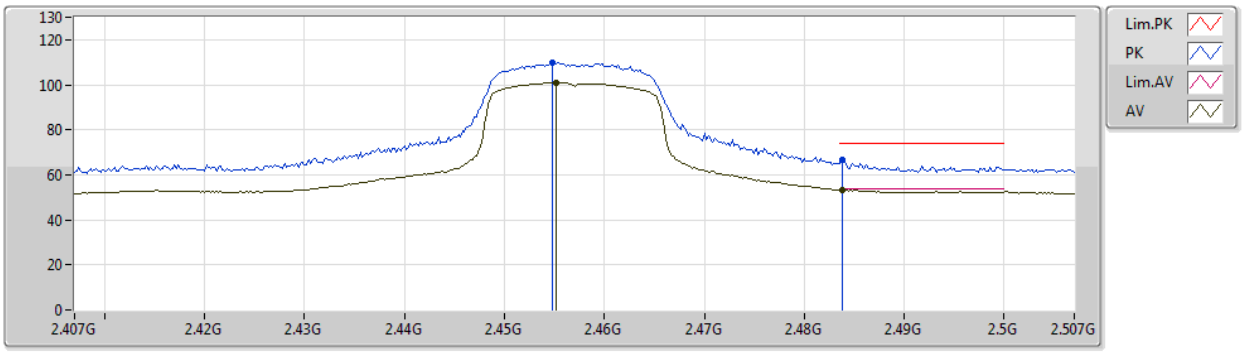


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87352G	49.00	54.00	-5.00	8.65	3	Horizontal	121	1.50	-
AV	7.31346G	45.72	54.00	-8.28	12.86	3	Horizontal	286	1.50	-
PK	4.87418G	60.71	74.00	-13.29	8.65	3	Horizontal	121	1.50	-
PK	7.30584G	58.00	74.00	-16.00	12.85	3	Horizontal	286	1.50	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

06/03/2019

2457MHz_TX

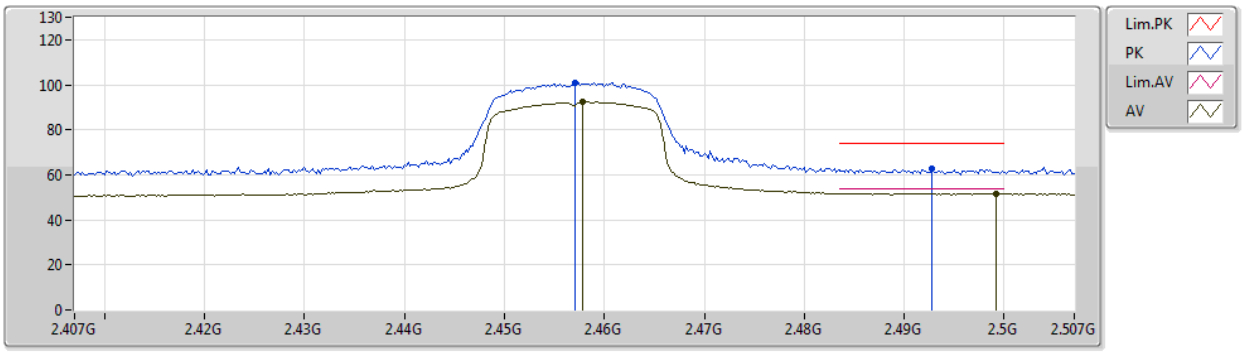


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4552G	100.88	Inf	-Inf	35.01	3	Vertical	322	1.96	-
AV	2.4838G	53.45	54.00	-0.55	35.15	3	Vertical	322	1.96	-
PK	2.4548G	109.67	Inf	-Inf	35.01	3	Vertical	322	1.96	-
PK	2.4838G	66.83	74.00	-7.17	35.15	3	Vertical	322	1.96	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

06/03/2019

2457MHz_TX

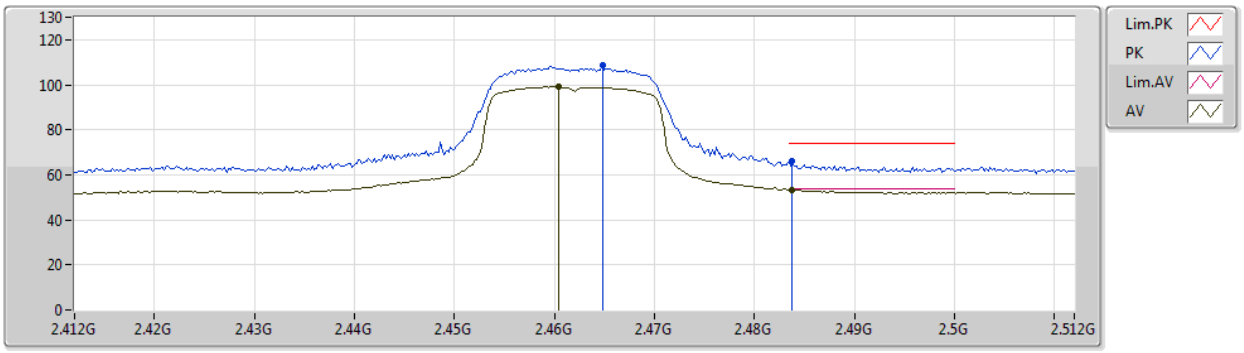


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4578G	92.23	Inf	-Inf	35.02	3	Horizontal	154	1.49	-
AV	2.4992G	51.80	54.00	-2.20	35.21	3	Horizontal	154	1.49	-
PK	2.457G	101.01	Inf	-Inf	35.02	3	Horizontal	154	1.49	-
PK	2.4928G	62.53	74.00	-11.47	35.18	3	Horizontal	154	1.49	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

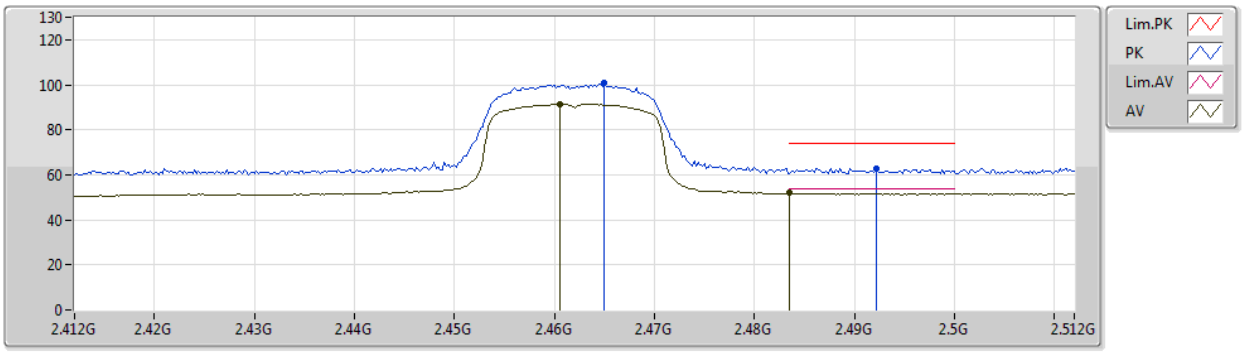


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4604G	99.08	Inf	-Inf	35.03	3	Vertical	322	1.86	-
AV	2.4838G	53.23	54.00	-0.77	35.15	3	Vertical	322	1.86	-
PK	2.4648G	108.84	Inf	-Inf	35.06	3	Vertical	322	1.86	-
PK	2.4838G	65.97	74.00	-8.03	35.15	3	Vertical	322	1.86	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

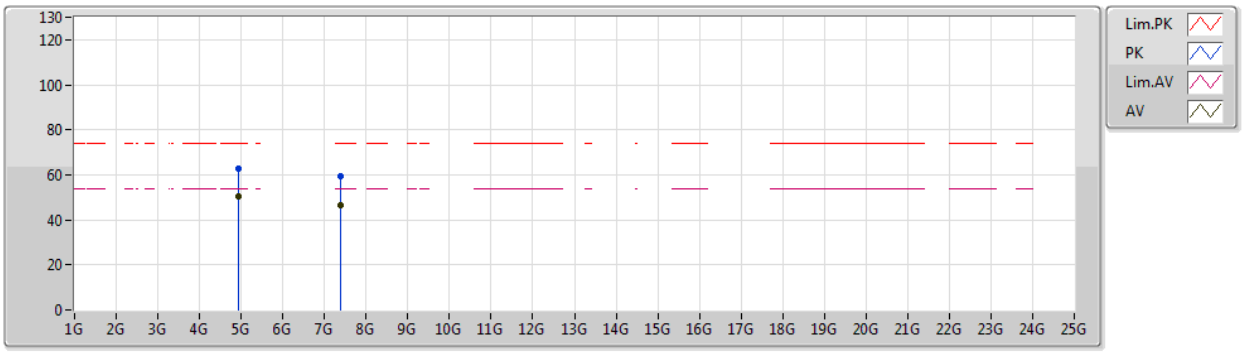


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4606G	91.33	Inf	-Inf	35.03	3	Horizontal	161	1.48	-
AV	2.4835G	51.99	54.00	-2.01	35.14	3	Horizontal	161	1.48	-
PK	2.465G	100.78	Inf	-Inf	35.06	3	Horizontal	161	1.48	-
PK	2.4922G	62.83	74.00	-11.17	35.18	3	Horizontal	161	1.48	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

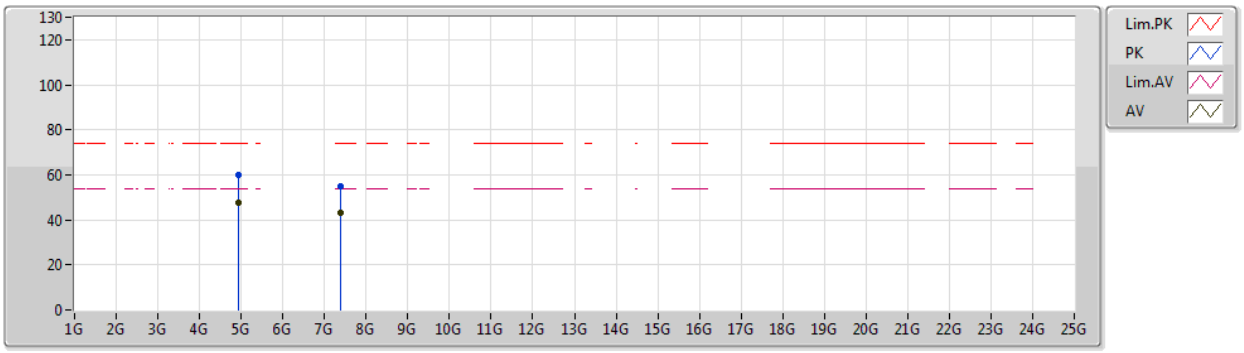


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92568G	50.59	54.00	-3.41	8.78	3	Vertical	163	2.87	-
AV	7.38606G	46.43	54.00	-7.57	12.95	3	Vertical	178	1.48	-
PK	4.91962G	62.81	74.00	-11.19	8.76	3	Vertical	163	2.87	-
PK	7.38426G	59.57	74.00	-14.43	12.95	3	Vertical	178	1.48	-

802.11g_Nss1,(6Mbps)_1TX(Port2)

07/03/2019

2462MHz_TX

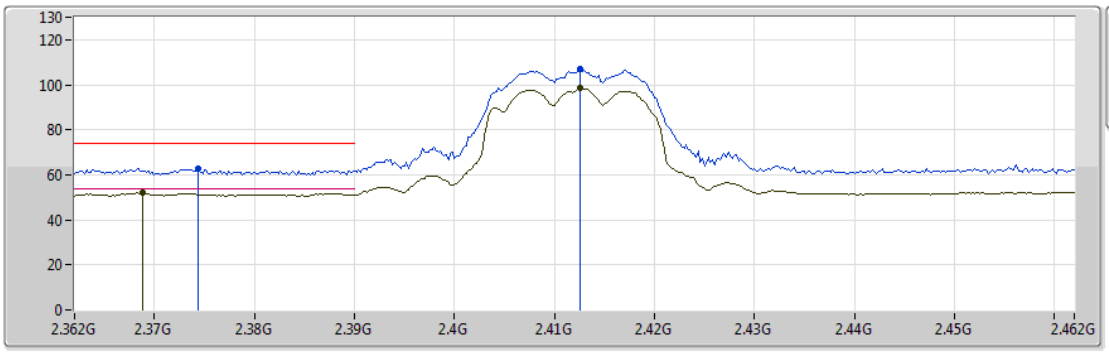


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92136G	47.39	54.00	-6.61	8.76	3	Horizontal	112	1.52	-
AV	7.3866G	42.94	54.00	-11.06	12.95	3	Horizontal	164	1.50	-
PK	4.9195G	59.97	74.00	-14.03	8.76	3	Horizontal	112	1.52	-
PK	7.3836G	54.91	74.00	-19.09	12.95	3	Horizontal	164	1.50	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

07/03/2019

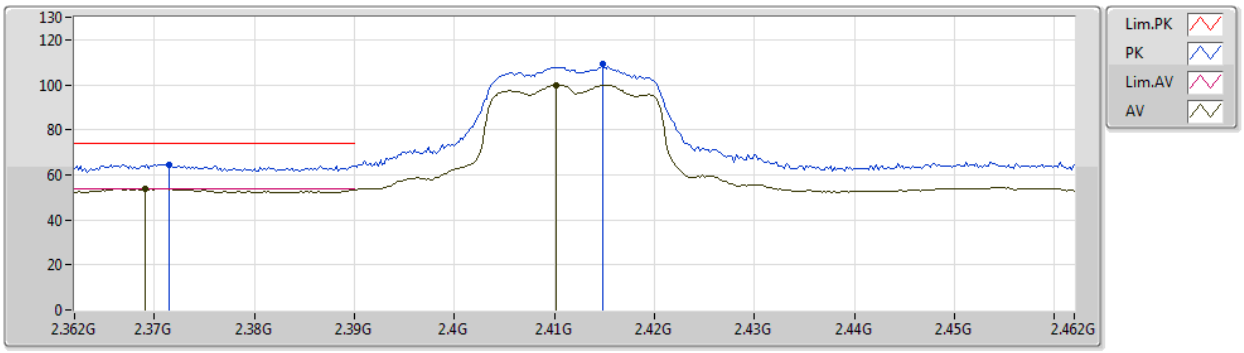


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3688G	51.91	54.00	-2.09	34.62	3	Vertical	319	2.70	-
AV	2.4126G	98.37	Inf	-Inf	34.82	3	Vertical	319	2.70	-
PK	2.3744G	62.71	74.00	-11.29	34.64	3	Vertical	319	2.70	-
PK	2.4126G	106.75	Inf	-Inf	34.82	3	Vertical	319	2.70	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

07/03/2019

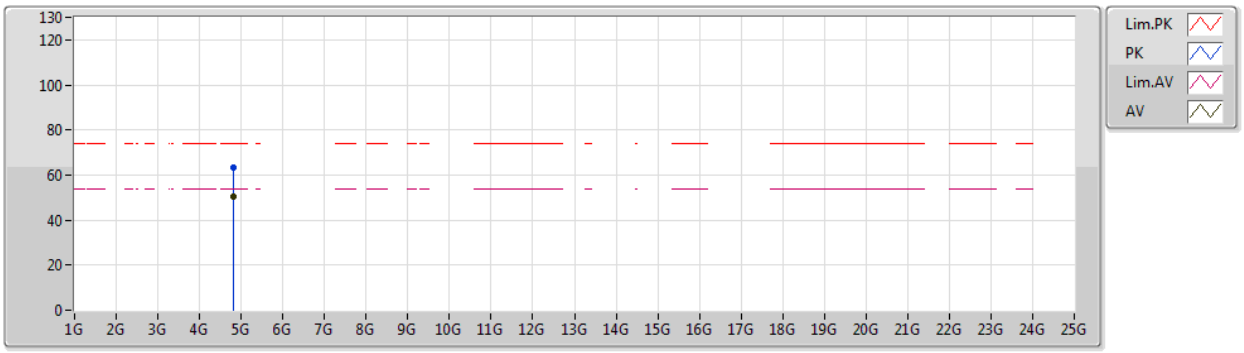


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.369G	53.74	54.00	-0.26	34.62	3	Horizontal	29	2.10	-
AV	2.4102G	99.97	Inf	-Inf	34.81	3	Horizontal	29	2.10	-
PK	2.3714G	64.71	74.00	-9.29	34.63	3	Horizontal	29	2.10	-
PK	2.4148G	109.17	Inf	-Inf	34.83	3	Horizontal	29	2.10	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

07/03/2019

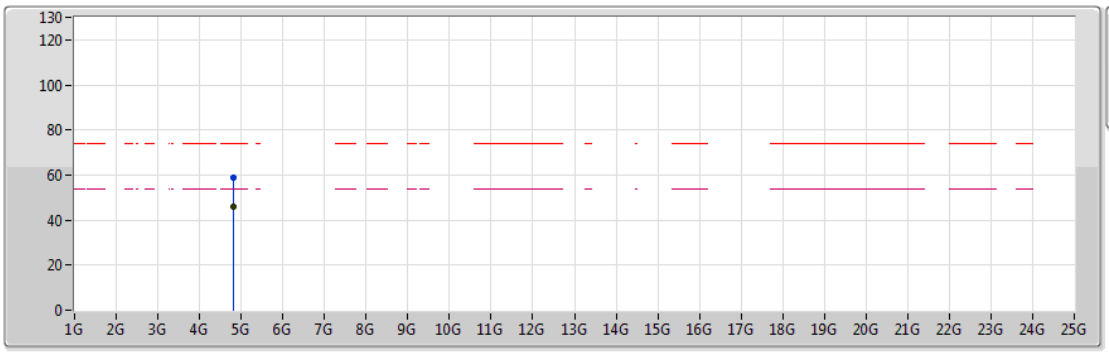


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82424G	50.37	54.00	-3.63	8.53	3	Vertical	162	2.84	-
PK	4.82268G	63.18	74.00	-10.82	8.53	3	Vertical	162	2.84	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

07/03/2019

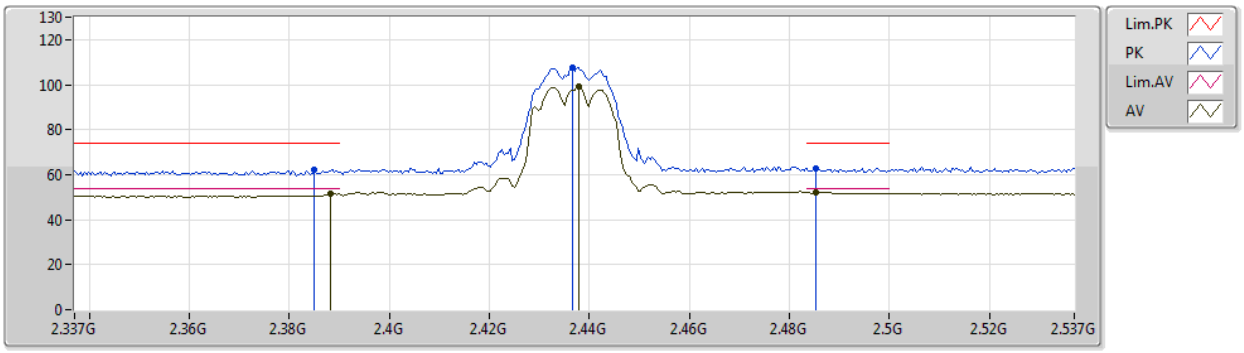


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82544G	46.16	54.00	-7.84	8.54	3	Horizontal	118	1.49	-
PK	4.82478G	58.84	74.00	-15.16	8.53	3	Horizontal	118	1.49	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

07/03/2019

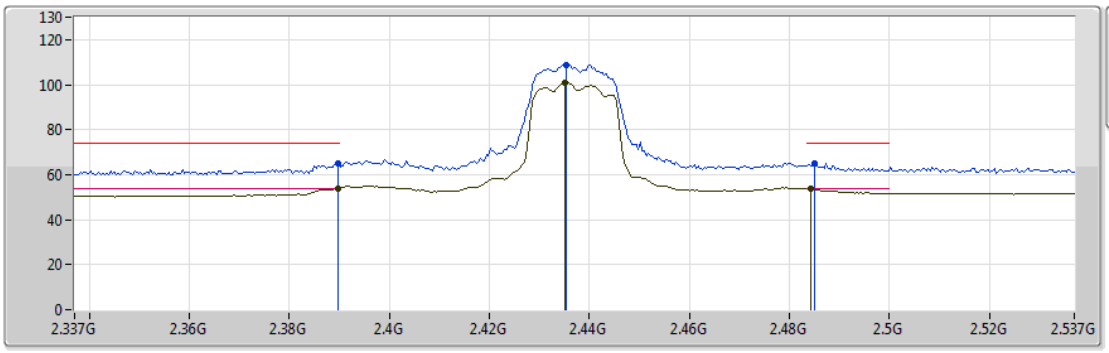


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3882G	51.56	54.00	-2.44	34.70	3	Vertical	319	2.58	-
AV	2.4378G	99.13	Inf	-Inf	34.93	3	Vertical	319	2.58	-
AV	2.4854G	52.26	54.00	-1.74	35.15	3	Vertical	319	2.58	-
PK	2.385G	62.24	74.00	-11.76	34.69	3	Vertical	319	2.58	-
PK	2.4366G	107.57	Inf	-Inf	34.93	3	Vertical	319	2.58	-
PK	2.4854G	62.94	74.00	-11.06	35.15	3	Vertical	319	2.58	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

07/03/2019

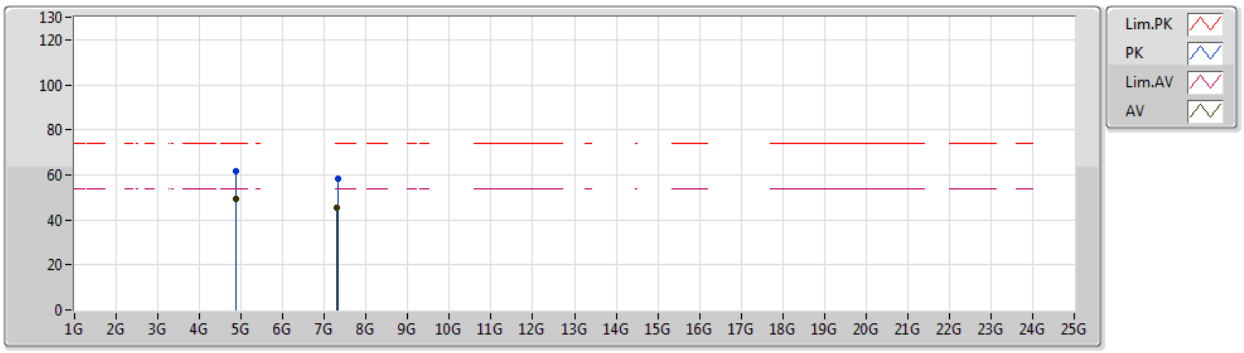


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.90	54.00	-0.10	34.71	3	Horizontal	32	2.37	-
AV	2.435G	100.92	Inf	-Inf	34.92	3	Horizontal	32	2.37	-
AV	2.4842G	53.67	54.00	-0.33	35.15	3	Horizontal	32	2.37	-
PK	2.3898G	64.95	74.00	-9.05	34.71	3	Horizontal	32	2.37	-
PK	2.4354G	108.97	Inf	-Inf	34.92	3	Horizontal	32	2.37	-
PK	2.485G	65.24	74.00	-8.76	35.15	3	Horizontal	32	2.37	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

07/03/2019

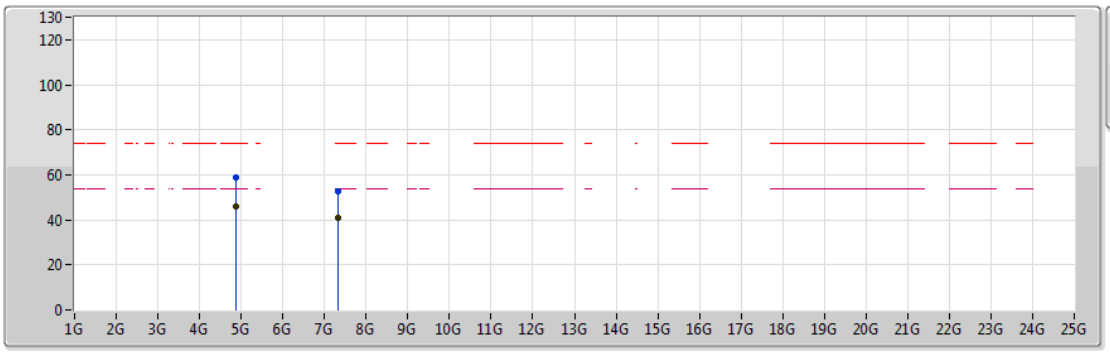


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87106G	49.20	54.00	-4.80	8.65	3	Vertical	175	2.81	-
AV	7.30992G	45.35	54.00	-8.65	12.85	3	Vertical	195	1.11	-
PK	4.87256G	61.83	74.00	-12.17	8.65	3	Vertical	175	2.81	-
PK	7.31262G	58.37	74.00	-15.63	12.86	3	Vertical	195	1.11	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

07/03/2019

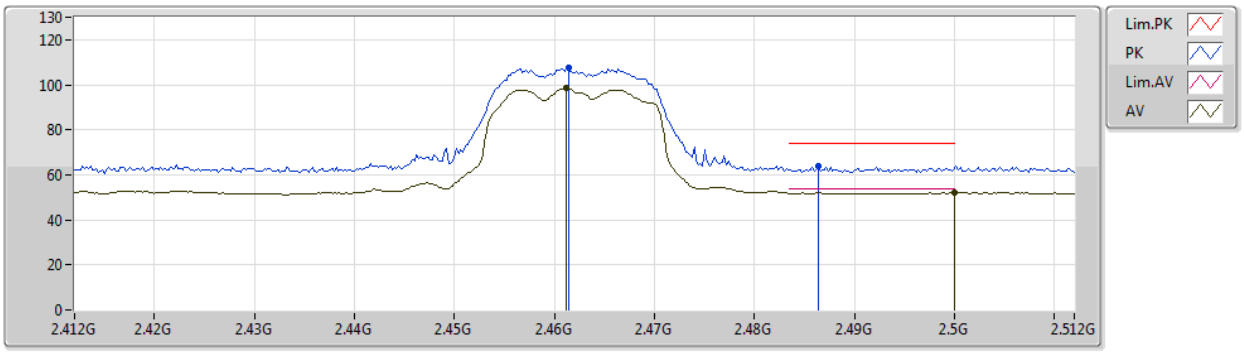


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87508G	45.90	54.00	-8.10	8.66	3	Horizontal	118	1.58	-
AV	7.31508G	41.01	54.00	-12.99	12.86	3	Horizontal	328	2.41	-
PK	4.87262G	58.88	74.00	-15.12	8.65	3	Horizontal	118	1.58	-
PK	7.3242G	52.60	74.00	-21.40	12.87	3	Horizontal	328	2.41	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

07/03/2019

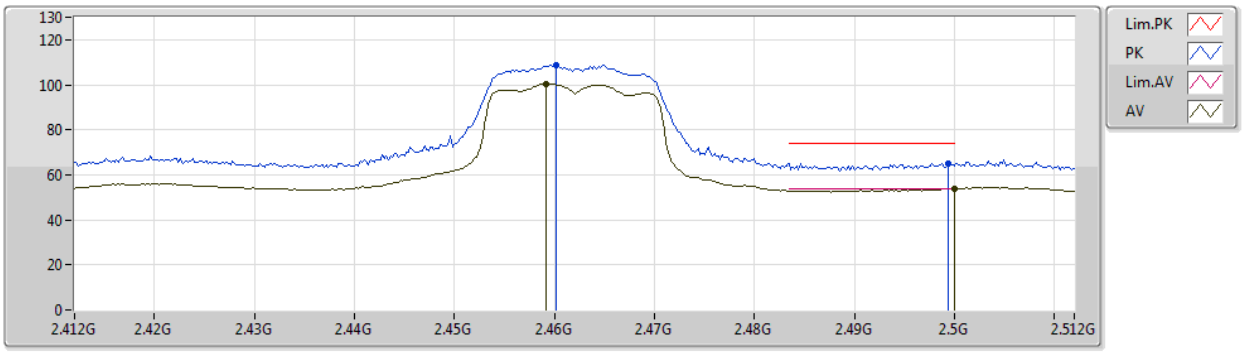


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	98.38	Inf	-Inf	35.03	3	Vertical	320	1.88	-
AV	2.5G	52.08	54.00	-1.92	35.22	3	Vertical	320	1.88	-
PK	2.4614G	107.75	Inf	-Inf	35.04	3	Vertical	320	1.88	-
PK	2.4864G	63.83	74.00	-10.17	35.16	3	Vertical	320	1.88	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

07/03/2019

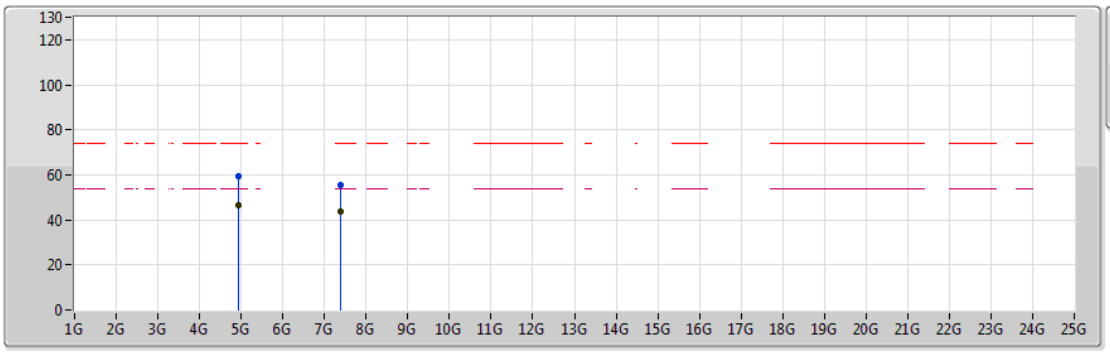


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4592G	100.44	Inf	-Inf	35.03	3	Horizontal	20	2.14	-
AV	2.5G	53.75	54.00	-0.25	35.22	3	Horizontal	20	2.14	-
PK	2.4602G	108.93	Inf	-Inf	35.03	3	Horizontal	20	2.14	-
PK	2.4994G	65.08	74.00	-8.92	35.21	3	Horizontal	20	2.14	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

07/03/2019

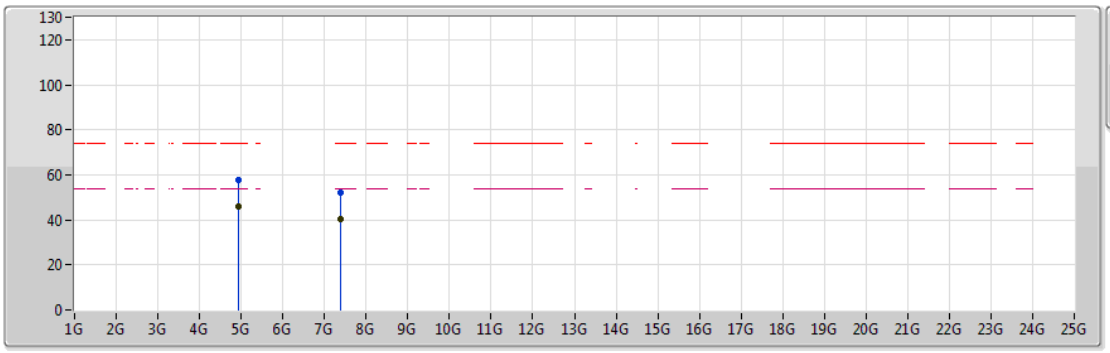


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92538G	46.45	54.00	-7.55	8.78	3	Vertical	193	1.23	-
AV	7.38546G	43.76	54.00	-10.24	12.95	3	Vertical	181	1.10	-
PK	4.92502G	59.13	74.00	-14.87	8.78	3	Vertical	193	1.23	-
PK	7.38438G	55.57	74.00	-18.43	12.95	3	Vertical	181	1.10	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

07/03/2019

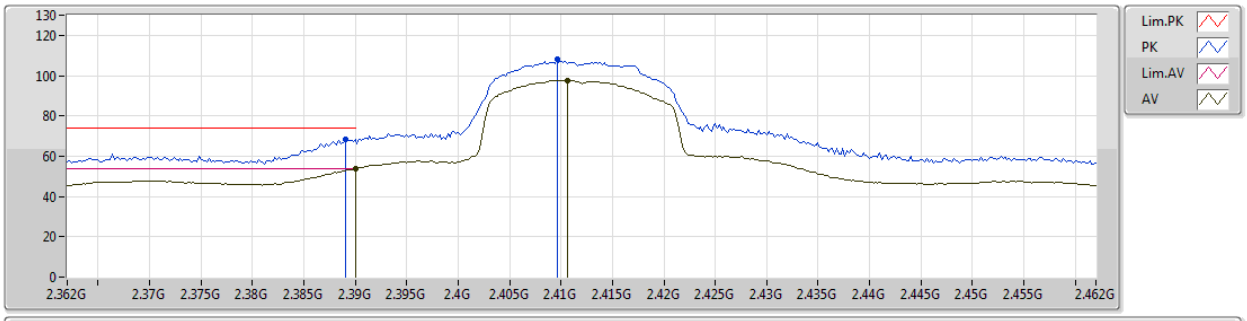


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92544G	45.71	54.00	-8.29	8.78	3	Horizontal	115	1.75	-
AV	7.37394G	40.55	54.00	-13.45	12.94	3	Horizontal	282	1.23	-
PK	4.92454G	57.48	74.00	-16.52	8.77	3	Horizontal	115	1.75	-
PK	7.39956G	52.34	74.00	-21.66	12.97	3	Horizontal	282	1.23	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/02/2019

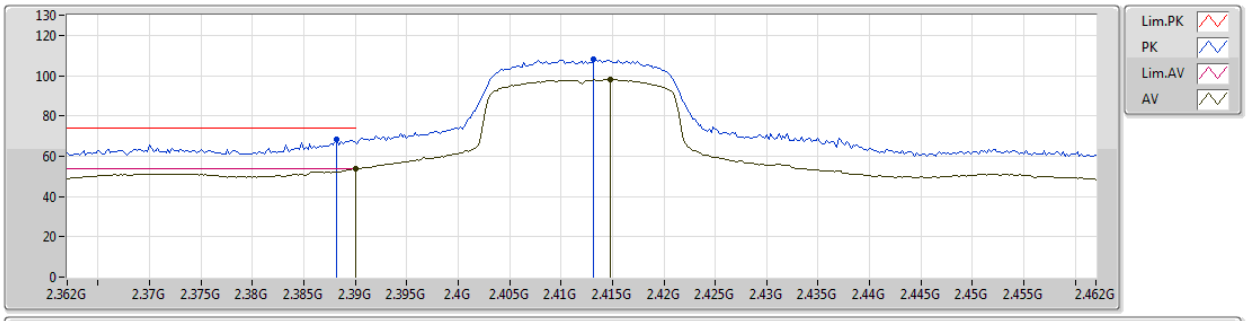


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.64	54.00	-0.36	30.77	3	Vertical	304	2.11	-
AV	2.4106G	97.57	Inf	-Inf	30.85	3	Vertical	304	2.11	-
PK	2.389G	68.43	74.00	-5.57	30.77	3	Vertical	304	2.11	-
PK	2.4096G	107.90	Inf	-Inf	30.85	3	Vertical	304	2.11	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/02/2019

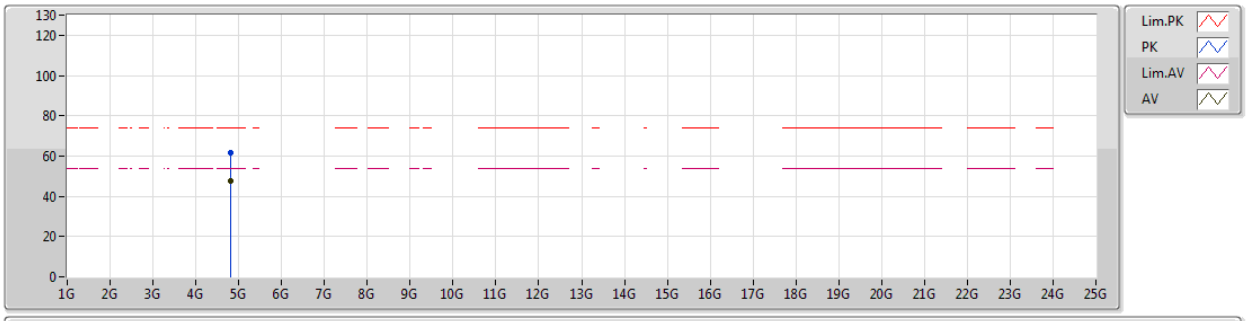


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	53.79	54.00	-0.21	30.77	3	Horizontal	10	2.18	-
AV	2.4148G	98.08	Inf	-Inf	30.86	3	Horizontal	10	2.18	-
PK	2.3882G	68.26	74.00	-5.74	30.77	3	Horizontal	10	2.18	-
PK	2.4132G	108.11	Inf	-Inf	30.86	3	Horizontal	10	2.18	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/02/2019

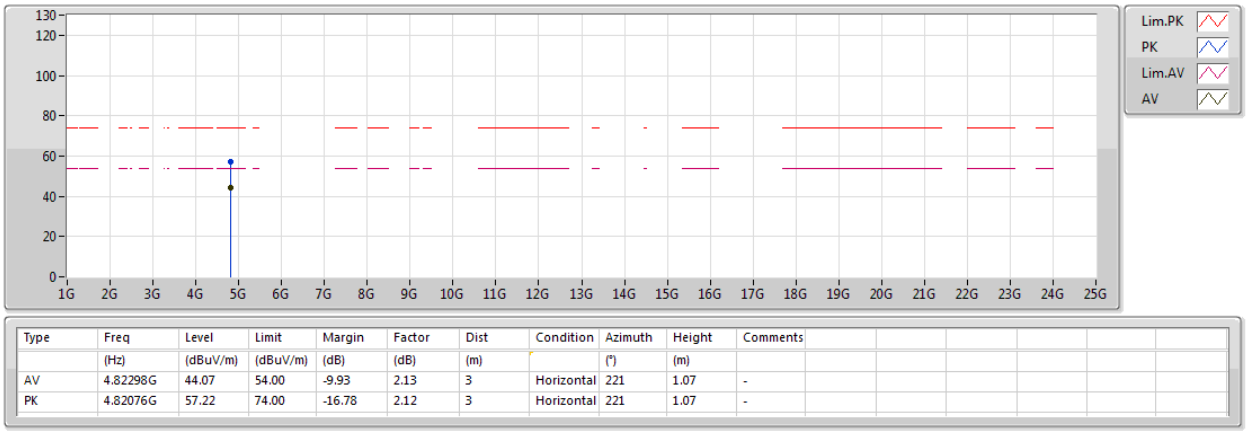


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82376G	47.85	54.00	-6.15	2.13	3	Vertical	156	2.45	-
PK	4.82352G	61.56	74.00	-12.44	2.13	3	Vertical	156	2.45	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

01/02/2019

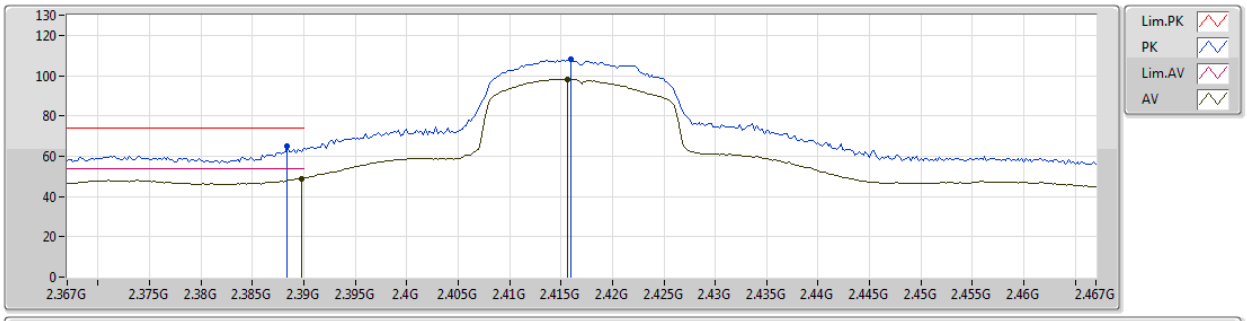


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82298G	44.07	54.00	-9.93	2.13	3	Horizontal	221	1.07	-
PK	4.82076G	57.22	74.00	-16.78	2.12	3	Horizontal	221	1.07	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

13/02/2019

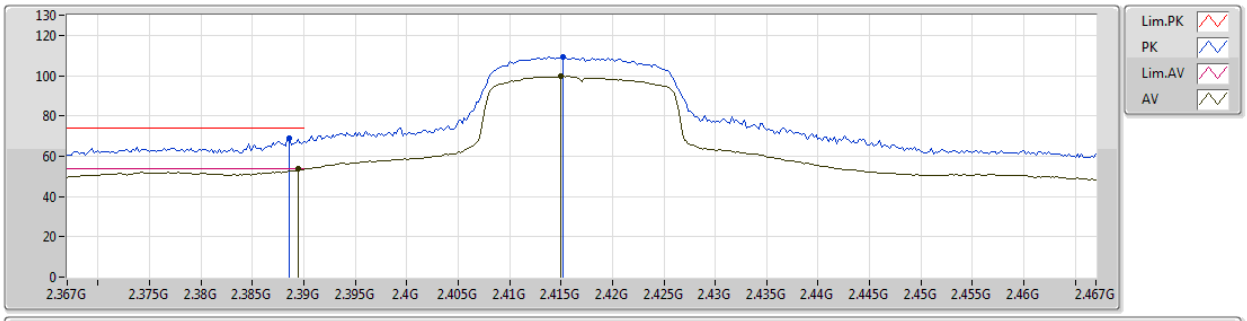


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.87	54.00	-5.13	30.77	3	Vertical	322	1.78	-
AV	2.4156G	98.30	Inf	-Inf	30.86	3	Vertical	322	1.78	-
PK	2.3884G	64.83	74.00	-9.17	30.77	3	Vertical	322	1.78	-
PK	2.416G	107.94	Inf	-Inf	30.86	3	Vertical	322	1.78	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

13/02/2019

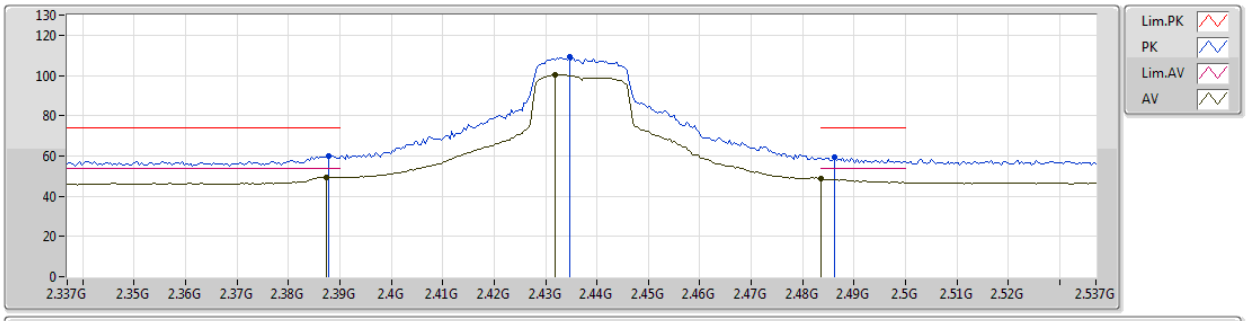


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	53.52	54.00	-0.48	30.77	3	Horizontal	30	2.85	-
AV	2.415G	99.82	Inf	-Inf	30.86	3	Horizontal	30	2.85	-
PK	2.3886G	68.99	74.00	-5.01	30.77	3	Horizontal	30	2.85	-
PK	2.4152G	109.49	Inf	-Inf	30.86	3	Horizontal	30	2.85	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

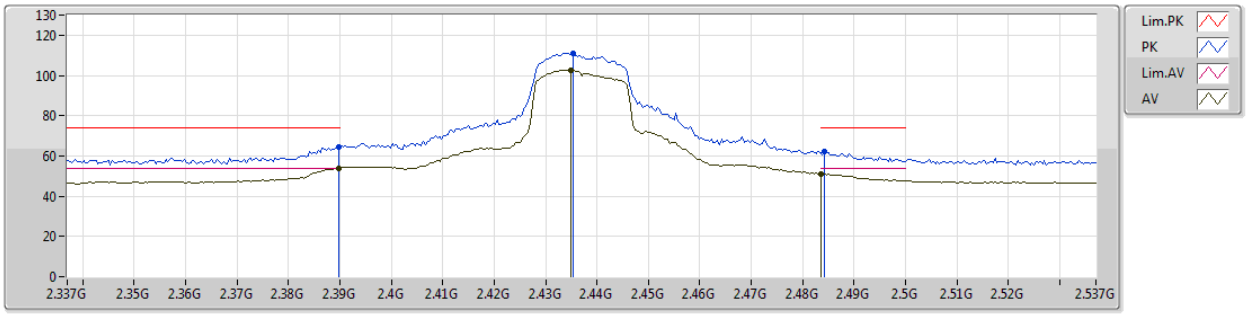


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3874G	49.52	54.00	-4.48	30.68	3	Vertical	306	1.09	-
AV	2.4318G	100.30	Inf	-Inf	30.82	3	Vertical	306	1.09	-
AV	2.4835G	48.84	54.00	-5.16	30.97	3	Vertical	306	1.09	-
PK	2.3878G	60.08	74.00	-13.92	30.68	3	Vertical	306	1.09	-
PK	2.4346G	109.04	Inf	-Inf	30.82	3	Vertical	306	1.09	-
PK	2.4862G	59.46	74.00	-14.54	30.98	3	Vertical	306	1.09	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

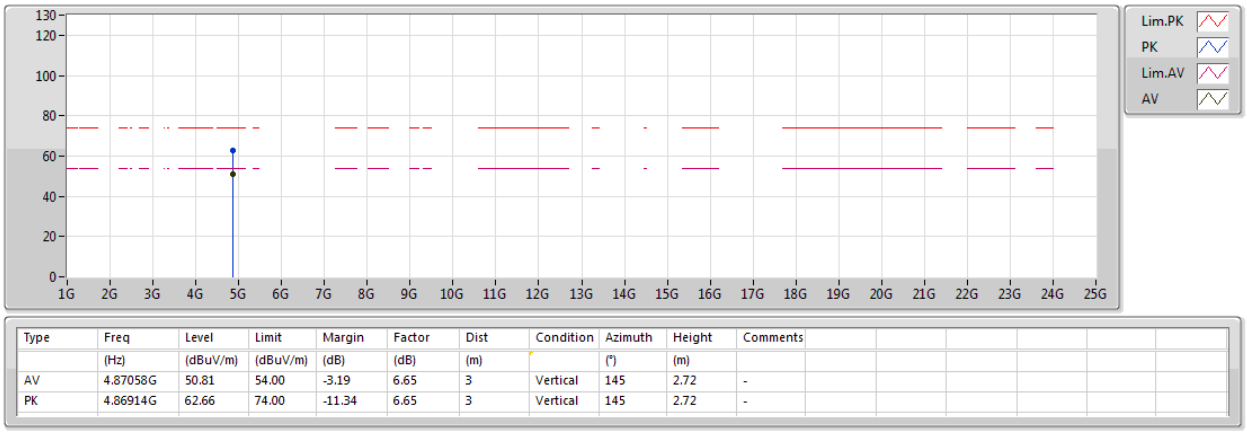


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.85	54.00	-0.15	30.69	3	Horizontal	30	2.61	-
AV	2.435G	102.67	Inf	-Inf	30.82	3	Horizontal	30	2.61	-
AV	2.4835G	51.23	54.00	-2.77	30.97	3	Horizontal	30	2.61	-
PK	2.3898G	64.69	74.00	-9.31	30.69	3	Horizontal	30	2.61	-
PK	2.4354G	111.01	Inf	-Inf	30.82	3	Horizontal	30	2.61	-
PK	2.4842G	61.92	74.00	-12.08	30.97	3	Horizontal	30	2.61	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

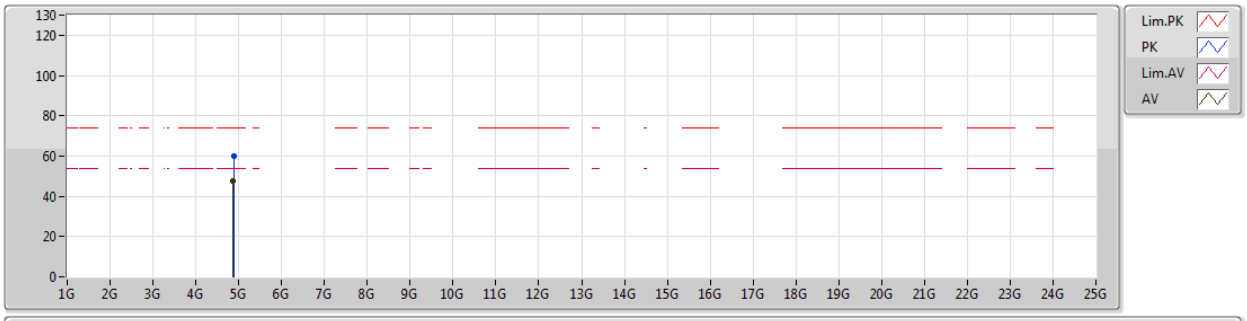


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87058G	50.81	54.00	-3.19	6.65	3	Vertical	145	2.72	-
PK	4.86914G	62.66	74.00	-11.34	6.65	3	Vertical	145	2.72	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

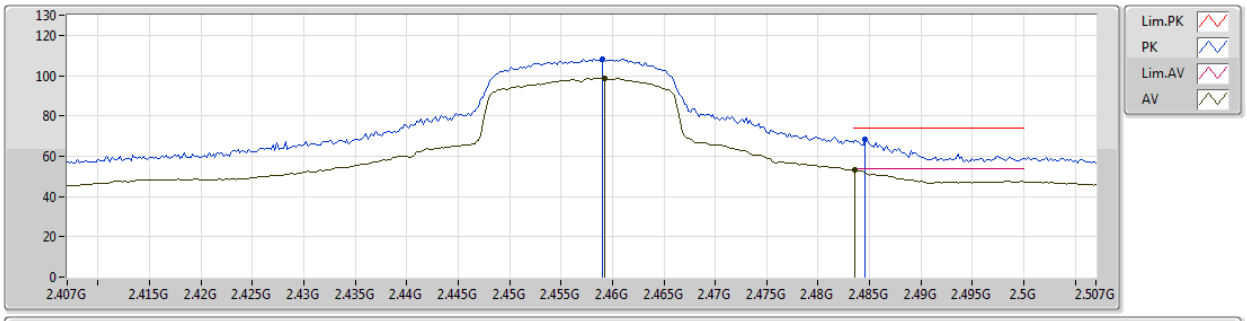


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87718G	47.60	54.00	-6.40	6.67	3	Horizontal	109	1.49	-
PK	4.88114G	59.79	74.00	-14.21	6.67	3	Horizontal	109	1.49	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

13/02/2019

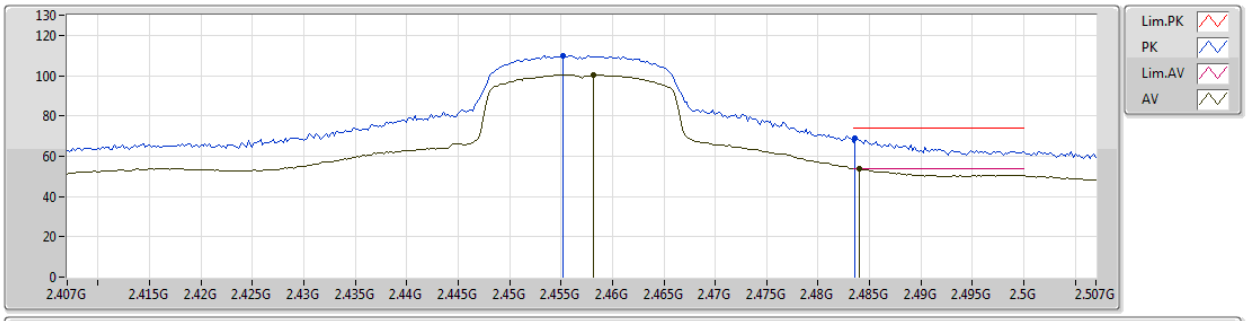


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4592G	98.82	Inf	-Inf	31.03	3	Vertical	315	1.20	-
AV	2.4836G	53.19	54.00	-0.81	31.11	3	Vertical	315	1.20	-
PK	2.459G	108.26	Inf	-Inf	31.03	3	Vertical	315	1.20	-
PK	2.4846G	68.17	74.00	-5.83	31.12	3	Vertical	315	1.20	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

13/02/2019

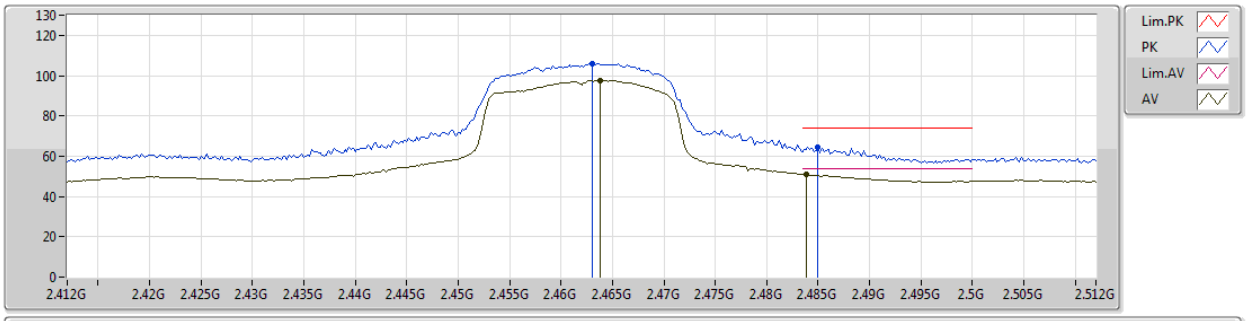


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4582G	100.30	Inf	-Inf	31.02	3	Horizontal	29	2.26	-
AV	2.484G	53.61	54.00	-0.39	31.12	3	Horizontal	29	2.26	-
PK	2.4552G	109.80	Inf	-Inf	31.00	3	Horizontal	29	2.26	-
PK	2.4836G	68.97	74.00	-5.03	31.11	3	Horizontal	29	2.26	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

07/02/2019

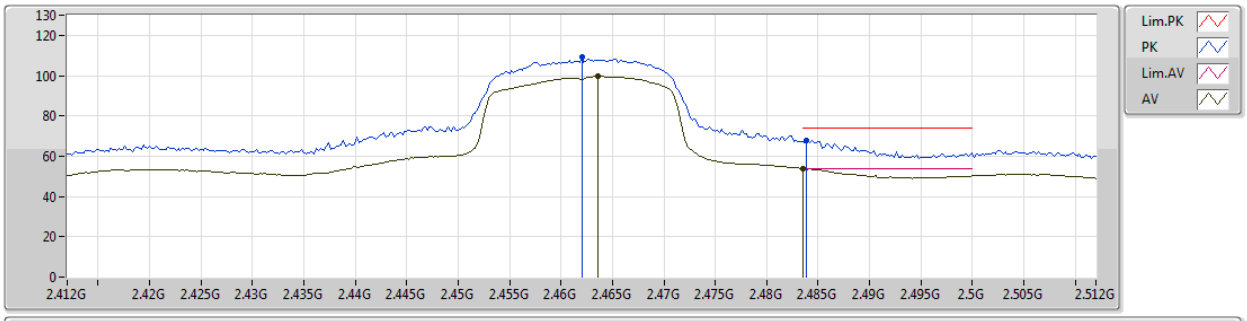


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4638G	97.58	Inf	-Inf	30.91	3	Vertical	294	1.23	-
AV	2.4838G	51.07	54.00	-2.93	30.97	3	Vertical	294	1.23	-
PK	2.463G	106.09	Inf	-Inf	30.90	3	Vertical	294	1.23	-
PK	2.485G	64.40	74.00	-9.60	30.97	3	Vertical	294	1.23	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

07/02/2019

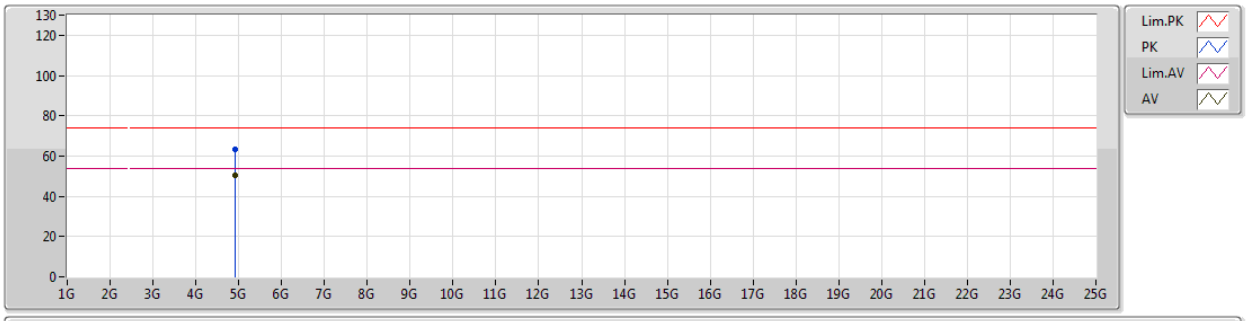


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4636G	99.62	Inf	-Inf	30.90	3	Horizontal	35	2.05	-
AV	2.4835G	53.85	54.00	-0.15	30.97	3	Horizontal	35	2.05	-
PK	2.462G	109.26	Inf	-Inf	30.90	3	Horizontal	35	2.05	-
PK	2.4838G	67.87	74.00	-6.13	30.97	3	Horizontal	35	2.05	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

07/02/2019

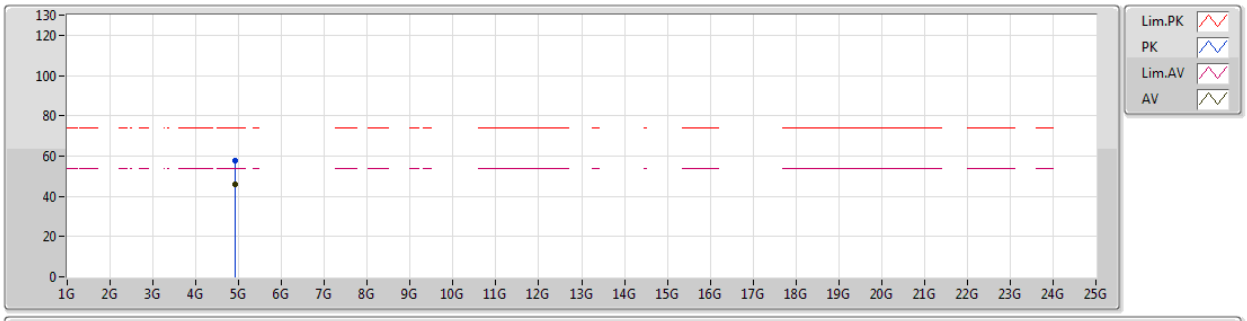


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9249G	50.25	54.00	-3.75	6.77	3	Vertical	164	2.64	-
PK	4.92232G	63.13	74.00	-10.87	6.76	3	Vertical	164	2.64	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

07/02/2019

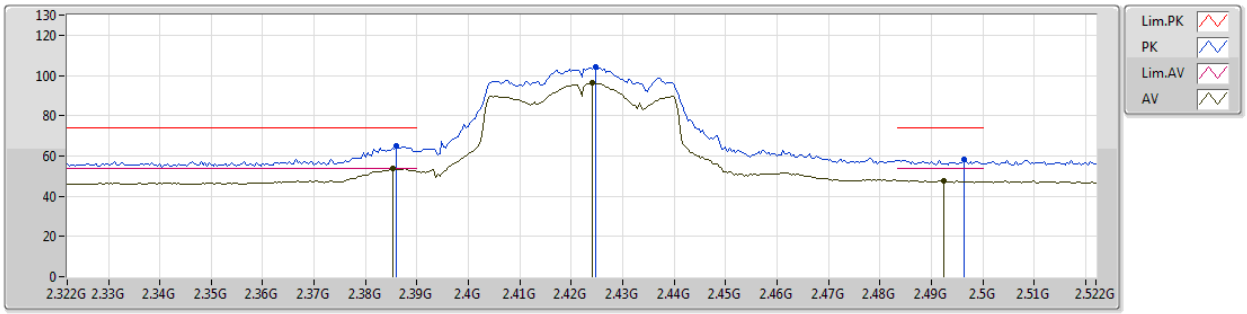


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92544G	45.70	54.00	-8.30	6.78	3	Horizontal	127	1.49	-
PK	4.9261G	57.67	74.00	-16.33	6.78	3	Horizontal	127	1.49	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

07/02/2019

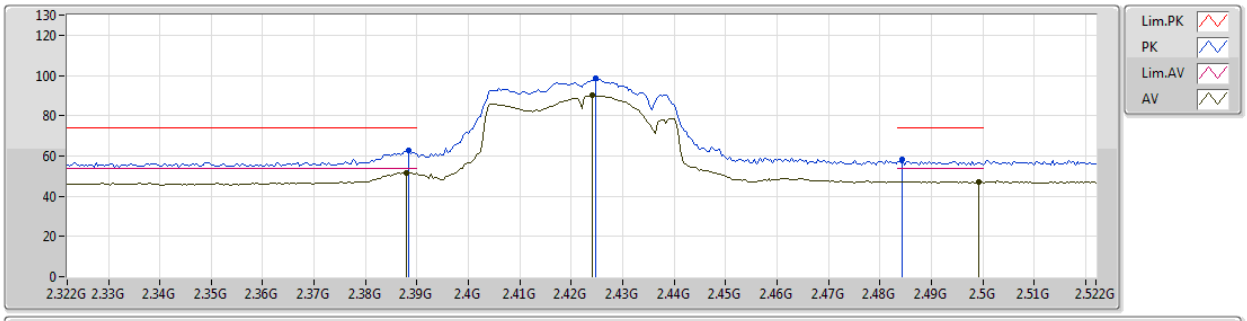


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3852G	53.67	54.00	-0.33	30.67	3	Vertical	316	2.56	-
AV	2.424G	96.12	Inf	-Inf	30.79	3	Vertical	316	2.56	-
AV	2.4924G	47.73	54.00	-6.27	30.99	3	Vertical	316	2.56	-
PK	2.386G	65.12	74.00	-8.88	30.68	3	Vertical	316	2.56	-
PK	2.4248G	103.99	Inf	-Inf	30.79	3	Vertical	316	2.56	-
PK	2.4964G	58.14	74.00	-15.86	31.00	3	Vertical	316	2.56	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

07/02/2019

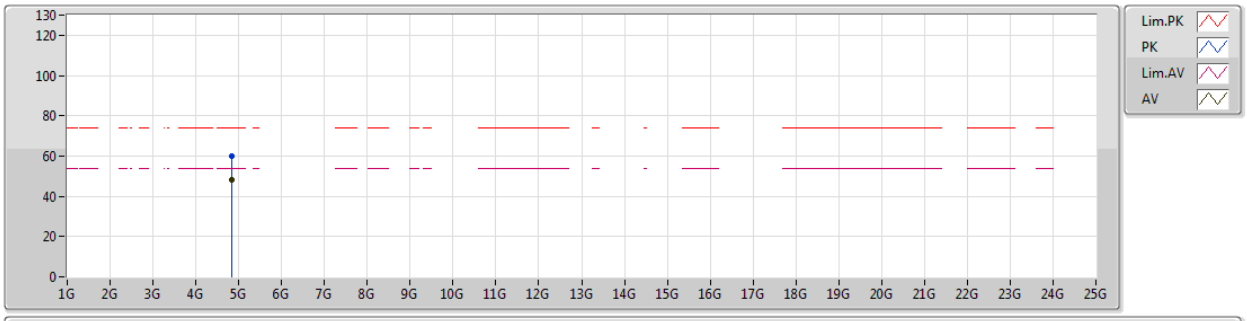


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.388G	51.80	54.00	-2.20	30.68	3	Horizontal	34	2.81	-
AV	2.424G	89.94	Inf	-Inf	30.79	3	Horizontal	34	2.81	-
AV	2.4992G	47.26	54.00	-6.74	31.01	3	Horizontal	34	2.81	-
PK	2.3884G	62.80	74.00	-11.20	30.68	3	Horizontal	34	2.81	-
PK	2.4248G	98.61	Inf	-Inf	30.79	3	Horizontal	34	2.81	-
PK	2.4844G	58.17	74.00	-15.83	30.97	3	Horizontal	34	2.81	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

07/02/2019

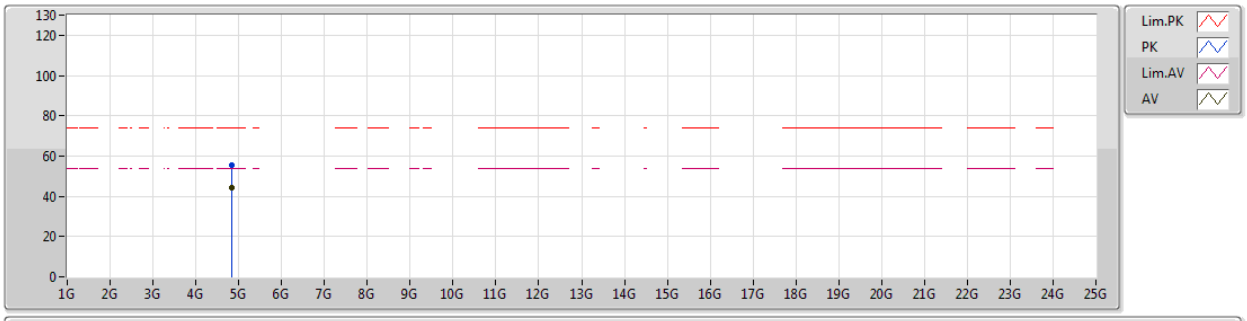


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8452G	48.17	54.00	-5.83	6.58	3	Vertical	169	2.27	-
PK	4.84448G	59.69	74.00	-14.31	6.58	3	Vertical	169	2.27	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

07/02/2019

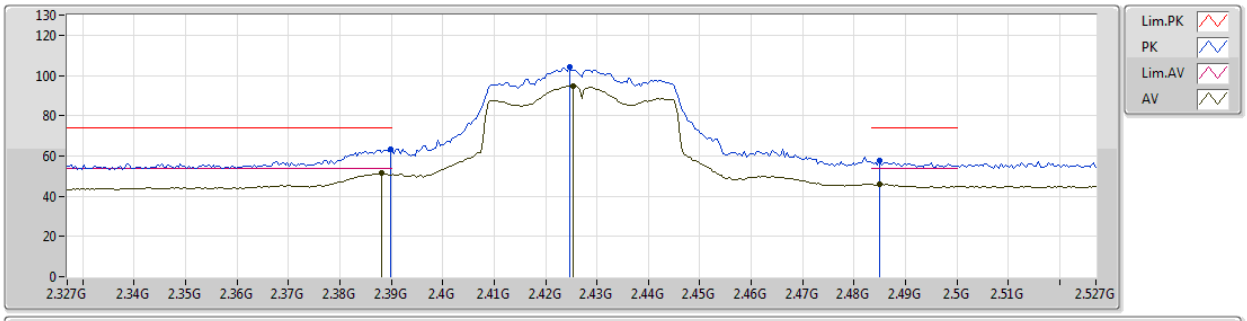


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.84832G	44.20	54.00	-9.80	6.59	3	Horizontal	125	1.50	-
PK	4.84718G	55.56	74.00	-18.44	6.59	3	Horizontal	125	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

13/02/2019

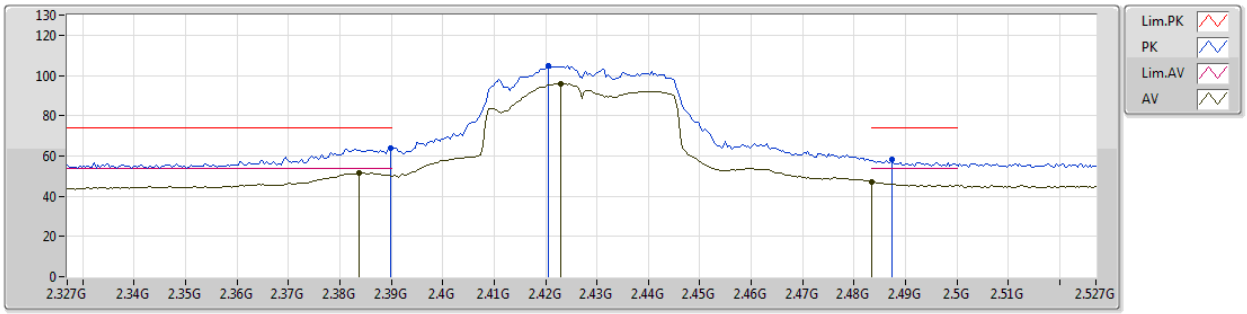


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3882G	51.47	54.00	-2.53	30.77	3	Vertical	303	2.29	-
AV	2.4254G	94.90	Inf	-Inf	30.90	3	Vertical	303	2.29	-
AV	2.485G	46.09	54.00	-7.91	31.12	3	Vertical	303	2.29	-
PK	2.3898G	63.32	74.00	-10.68	30.77	3	Vertical	303	2.29	-
PK	2.4246G	103.96	Inf	-Inf	30.90	3	Vertical	303	2.29	-
PK	2.485G	57.48	74.00	-16.52	31.12	3	Vertical	303	2.29	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

13/02/2019

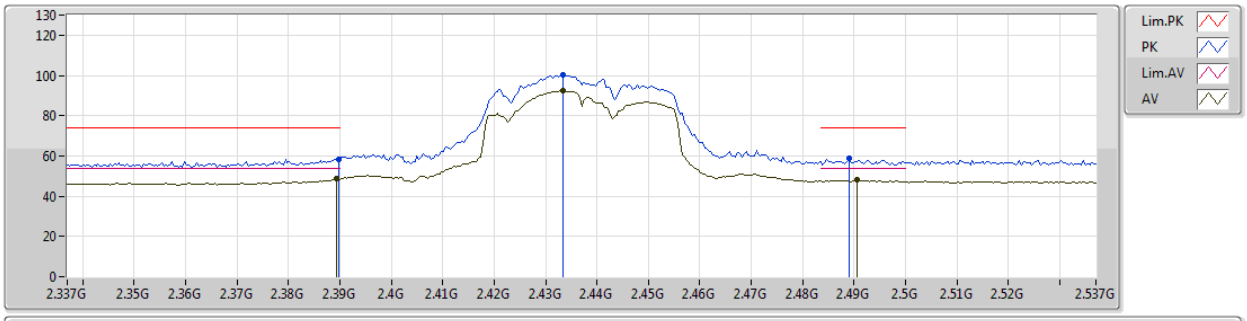


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3838G	51.70	54.00	-2.30	30.75	3	Horizontal	56	2.78	-
AV	2.423G	95.94	Inf	-Inf	30.89	3	Horizontal	56	2.78	-
AV	2.4835G	47.26	54.00	-6.74	31.11	3	Horizontal	56	2.78	-
PK	2.3898G	63.87	74.00	-10.13	30.77	3	Horizontal	56	2.78	-
PK	2.4206G	104.68	Inf	-Inf	30.89	3	Horizontal	56	2.78	-
PK	2.4874G	58.38	74.00	-15.62	31.12	3	Horizontal	56	2.78	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

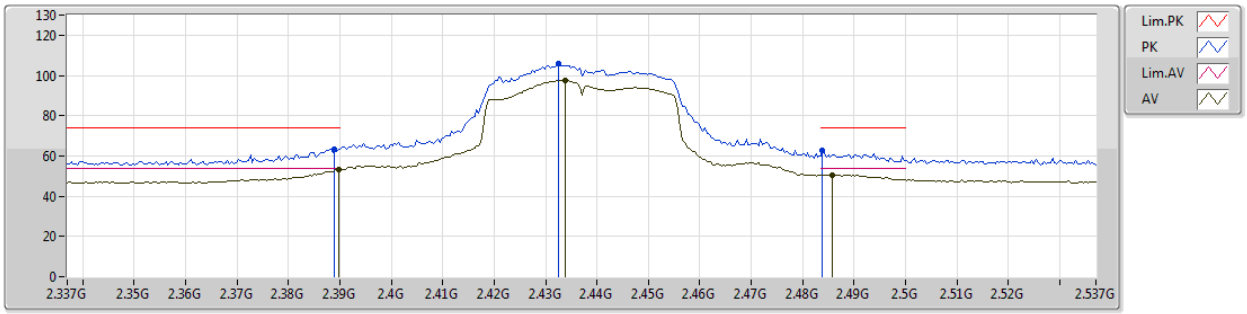


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	48.81	54.00	-5.19	30.68	3	Vertical	306	2.92	-
AV	2.4334G	92.29	Inf	-Inf	30.82	3	Vertical	306	2.92	-
AV	2.4906G	47.97	54.00	-6.03	30.99	3	Vertical	306	2.92	-
PK	2.3898G	58.50	74.00	-15.50	30.69	3	Vertical	306	2.92	-
PK	2.4334G	100.41	Inf	-Inf	30.82	3	Vertical	306	2.92	-
PK	2.489G	59.10	74.00	-14.90	30.98	3	Vertical	306	2.92	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

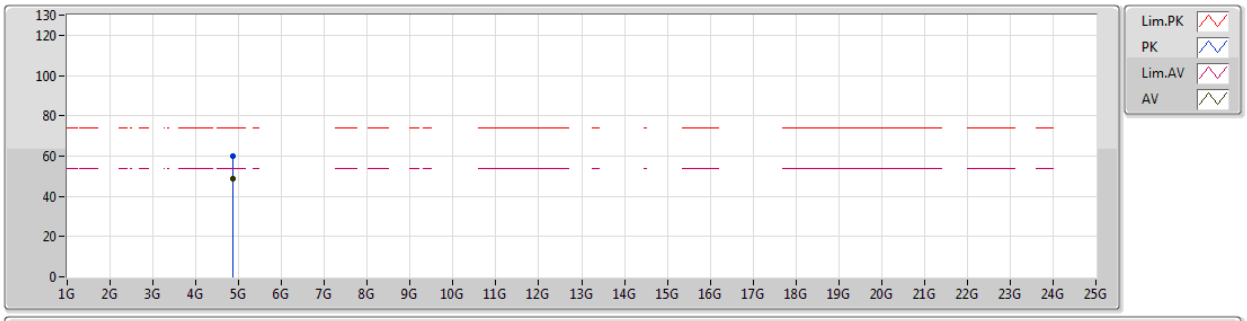


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	53.30	54.00	-0.70	30.69	3	Horizontal	34	2.59	-
AV	2.4338G	97.58	Inf	-Inf	30.82	3	Horizontal	34	2.59	-
AV	2.4858G	50.57	54.00	-3.43	30.98	3	Horizontal	34	2.59	-
PK	2.389G	63.53	74.00	-10.47	30.68	3	Horizontal	34	2.59	-
PK	2.4326G	106.15	Inf	-Inf	30.82	3	Horizontal	34	2.59	-
PK	2.4838G	62.69	74.00	-11.31	30.97	3	Horizontal	34	2.59	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

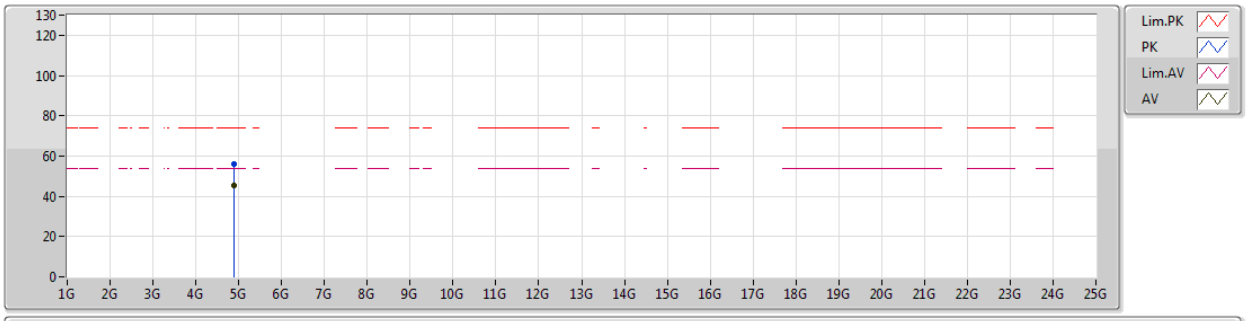


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87328G	48.76	54.00	-5.24	6.65	3	Vertical	157	2.01	-
PK	4.87424G	60.00	74.00	-14.00	6.65	3	Vertical	157	2.01	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

07/02/2019

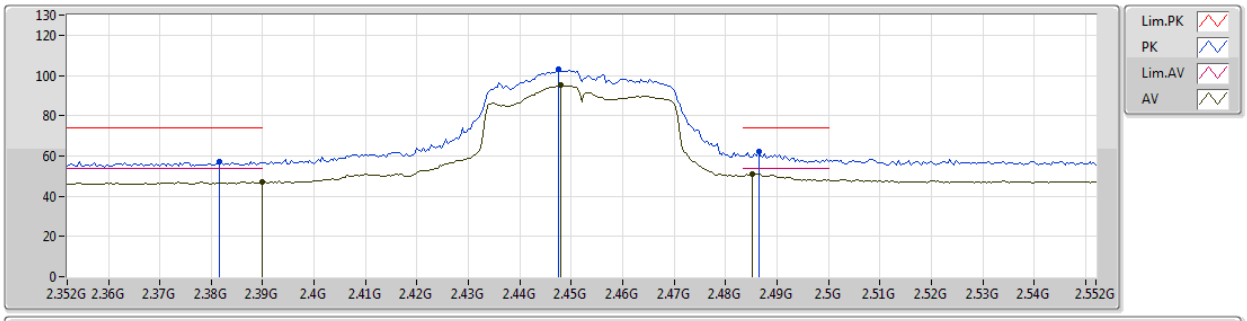


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87862G	45.35	54.00	-8.65	6.67	3	Horizontal	111	1.72	-
PK	4.87898G	55.80	74.00	-18.20	6.67	3	Horizontal	111	1.72	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

07/02/2019

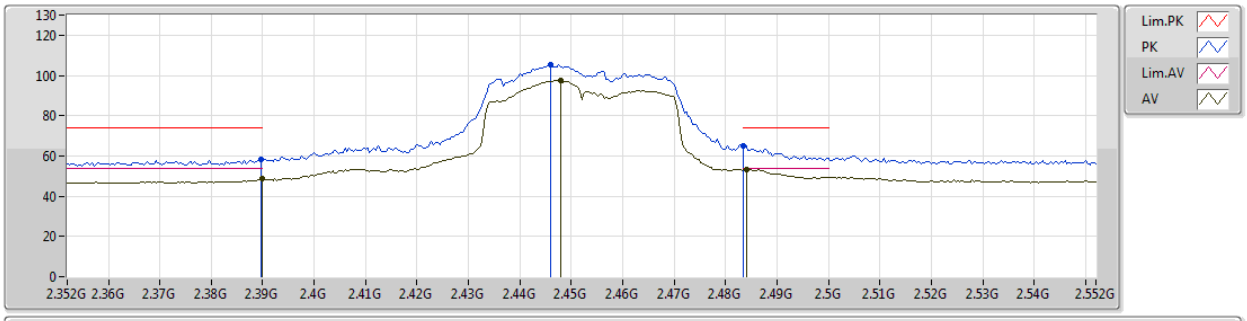


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	46.93	54.00	-7.07	30.69	3	Vertical	225	1.50	-
AV	2.448G	95.04	Inf	-Inf	30.87	3	Vertical	225	1.50	-
AV	2.4852G	51.07	54.00	-2.93	30.97	3	Vertical	225	1.50	-
PK	2.3816G	57.01	74.00	-16.99	30.67	3	Vertical	225	1.50	-
PK	2.4476G	102.84	Inf	-Inf	30.86	3	Vertical	225	1.50	-
PK	2.4864G	62.11	74.00	-11.89	30.98	3	Vertical	225	1.50	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

07/02/2019

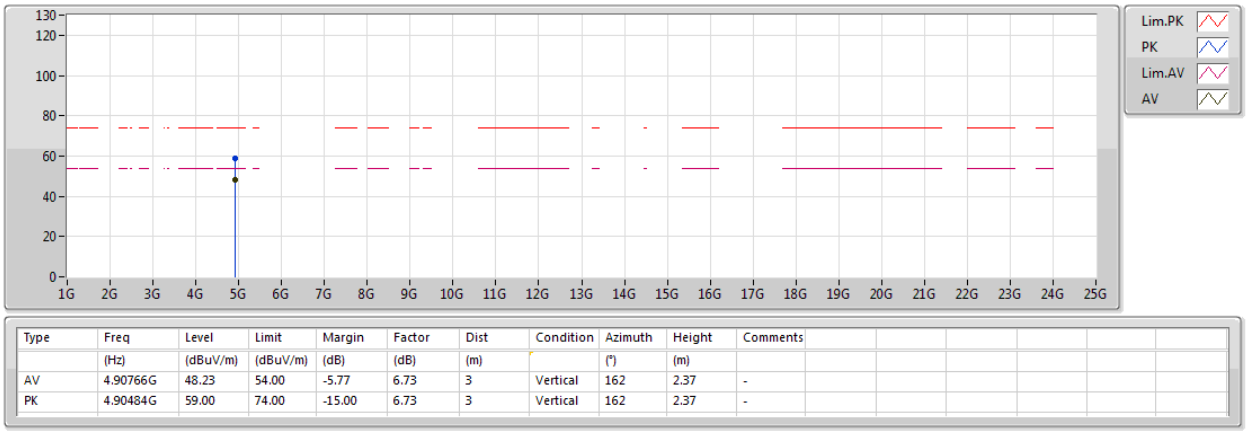


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	48.64	54.00	-5.36	30.69	3	Horizontal	44	2.35	-
AV	2.448G	97.33	Inf	-Inf	30.87	3	Horizontal	44	2.35	-
AV	2.484G	53.36	54.00	-0.64	30.97	3	Horizontal	44	2.35	-
PK	2.3896G	58.32	74.00	-15.68	30.69	3	Horizontal	44	2.35	-
PK	2.446G	105.48	Inf	-Inf	30.86	3	Horizontal	44	2.35	-
PK	2.4835G	64.76	74.00	-9.24	30.97	3	Horizontal	44	2.35	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

07/02/2019

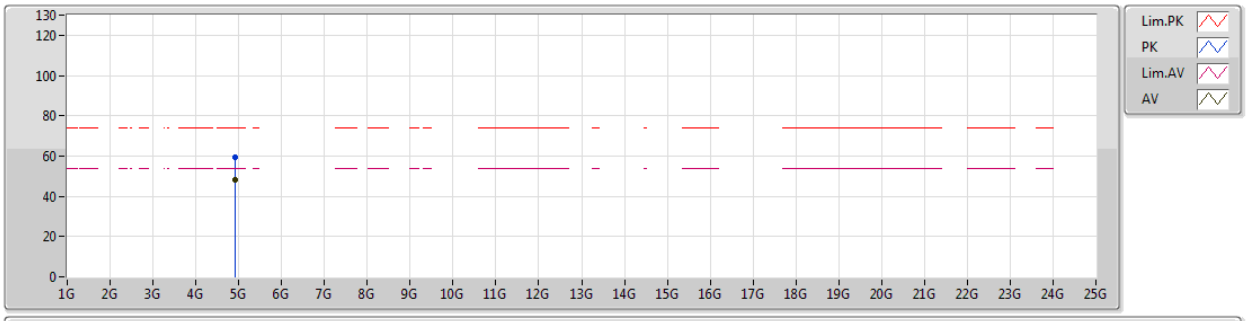


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90766G	48.23	54.00	-5.77	6.73	3	Vertical	162	2.37	-
PK	4.90484G	59.00	74.00	-15.00	6.73	3	Vertical	162	2.37	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

07/02/2019



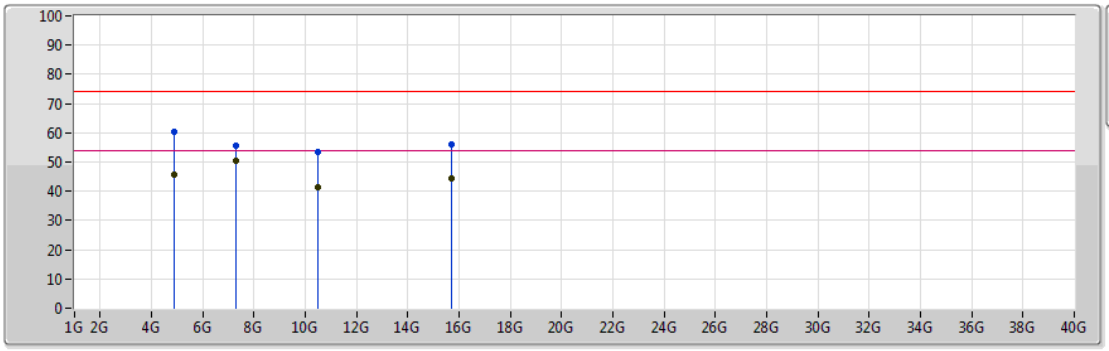
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.90454G	48.21	54.00	-5.79	6.73	3	Vertical	161	2.36	-
PK	4.90436G	59.17	74.00	-14.83	6.73	3	Vertical	161	2.36	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	7.3122G	50.52	54.00	-3.48	11.26	3	Vertical	171	1.99	-

Mode 1

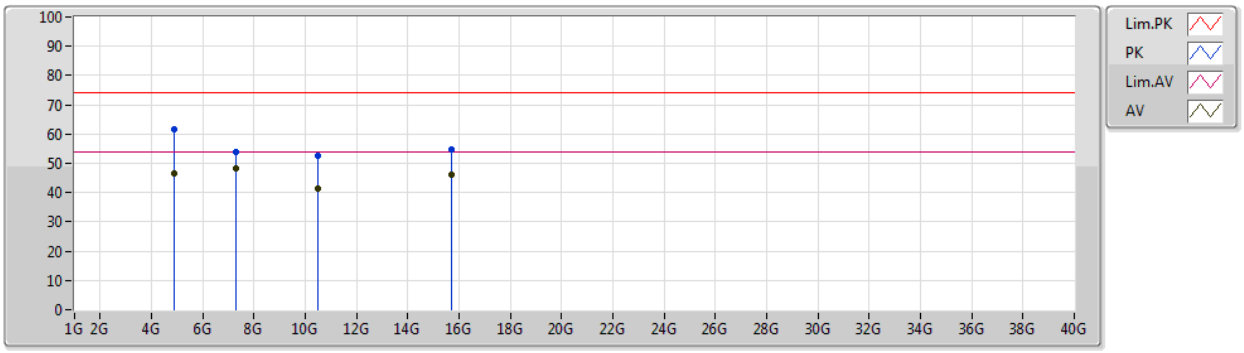
26/02/2019



Type	Raw	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment:
	(dBuV)	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	39.83	4.8702G	45.88	54.00	-8.12	6.05	3	Vertical	179	1.46	-
AV	39.26	7.3122G	50.52	54.00	-3.48	11.26	3	Vertical	171	1.99	-
AV	25.91	10.51G	41.55	54.00	-12.45	15.64	3	Vertical	202	1.50	-
AV	29.50	15.72333G	44.47	54.00	-9.53	14.97	3	Vertical	43	1.66	-
PK	54.09	4.87289G	60.14	74.00	-13.86	6.05	3	Vertical	179	1.46	-
PK	44.45	7.3122G	55.71	74.00	-18.29	11.26	3	Vertical	171	1.99	-
PK	37.85	10.51G	53.49	74.00	-20.51	15.64	3	Vertical	202	1.50	-
PK	40.88	15.72333G	55.85	74.00	-18.15	14.97	3	Vertical	43	1.66	-

Mode 1

26/02/2019



Type	Raw	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(dBuV)	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	39.90	4.87G	46.60	54.00	-7.40	6.70	3	Horizonta	135	1.69	-
AV	37.03	7.3101G	48.40	54.00	-5.60	11.37	3	Horizonta	301	1.50	-
AV	25.91	10.51G	41.55	54.00	-12.45	15.64	3	Horizonta	169	1.66	-
AV	31.17	15.72333G	46.14	54.00	-7.86	14.97	3	Horizonta	246	1.50	-
PK	54.90	4.87369G	61.60	74.00	-12.40	6.70	3	Horizonta	135	1.69	-
PK	42.64	7.31379G	54.02	74.00	-19.98	11.38	3	Horizonta	301	1.50	-
PK	37.11	10.51G	52.75	74.00	-21.25	15.64	3	Horizonta	169	1.66	-
PK	39.58	15.72333G	54.55	74.00	-19.45	14.97	3	Horizonta	246	1.50	-