FCC Test Report

FCC ID	:	**2AIBV-MINICAM**
Equipment	:	**Furbo Dog Camera**
Brand Name	:	**Furbo**
Model Name	:	**Furbo Mini**
Applicant	:	**Tomofun Co. Ltd. 4F., No.178, Sec.3, Minquan E. Rd., Taipei City 1054, Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jun. 29, 2020, and testing was started from Jul. 06, 2020 and completed on Jul. 22, 2020. 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 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
FR062515AC	01	Initial issue of report	Sep. 11, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

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

Reviewed by: Sam Tsai

Report Producer: Yunha Liou

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
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

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

Ant.	Brand	Model Name	Antenna Type	Connector
1	LYNwave	ALX20F-051AA2-00	Dipole	I-PEX
2	LYNwave	ALX20F-051AA2-00	Dipole	I-PEX

Ant.	Port	Gain (dBi)	
		2.4G	BT
1	1	2.8	-
2	2	-	2.8

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 2 (port 2) could transmit/receive.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☐	With beamforming	☒	Without beamforming

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX	0.994	0.03	12.42m	10
802.11g_Nss1,(6Mbps)_1TX	0.955	0.2	2.066m	1k
802.11n HT20_Nss1,(MCS0)_1TX	0.954	0.2	1.922m	1k
802.11n HT40_Nss1,(MCS0)_1TX	0.899	0.46	946.875u	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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 558074 D01 v05r02
- KDB 414788 D01 v01r01

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.			
☒	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	23.5~24.4°C / 50~53%	15/Jul/2020
RF Conducted	TH06-HY	Alan	20.1~26.9°C / 50~60%	06/Jul/2020~ 22/Jul/2020
Radiated	03CH03-HY	Lego	25.8~26.2°C / 55~62%	21/Jul/2020
Radiated	03CH09-HY	Lego	25.8~26.2°C / 55~62%	13/Jul/2020~ 14/Jul/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	Microsoft Windows Version 6.1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	38
2437MHz	38
2462MHz	38
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	33
2417MHz	35
2437MHz	46
2457MHz	39
2462MHz	39
802.11n HT20_Nss1,(MCS0)_1TX	-
2412MHz	46
2437MHz	46
2462MHz	46
802.11n HT40_Nss1,(MCS0)_1TX	-
2422MHz	46
2437MHz	46
2447MHz	44
2452MHz	43

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Accessories

Accessories				
AC Adapter	**Brand Name**	Furbo	**Model Name**	S005CAU0500100
	Manufacturer	Trillion Win	**SN**	TWN-ADP-R033613L-U
	Power Rating	I/P:100 - 240Vac, 0.2A, O/P:5 Vdc,1A		
USB Cable	**Brand Name**	Furbo	**Model Name**	3061000152F7
	Manufacturer	EACH-TAI	**SN**	E-6B2004055
	Signal Line	2 meter, non-shielded cable, w/o ferrite core		

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

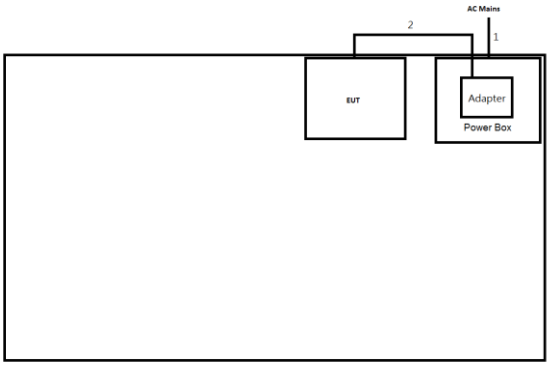
2.5 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Power Source	Furbo	S005CAU0500100	-	Note 1

Note 1: No.3 was provided by customer.

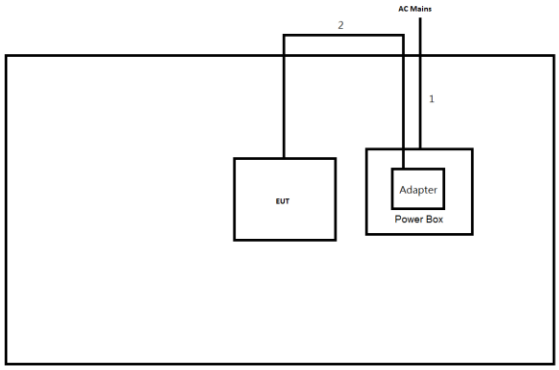
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	No	2.0	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	No	2.0	-

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

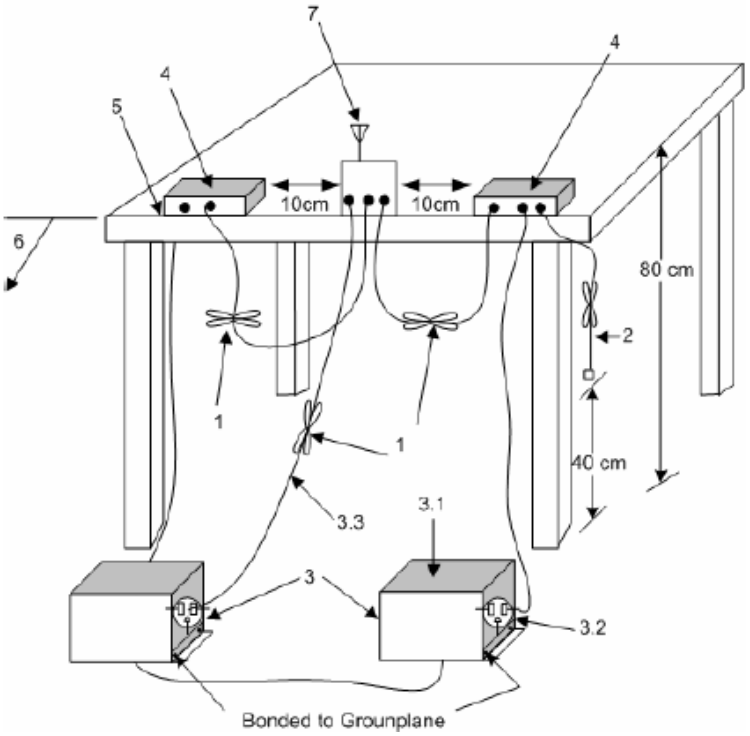
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) - AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

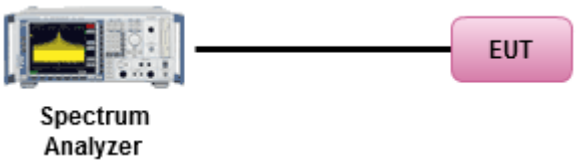
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

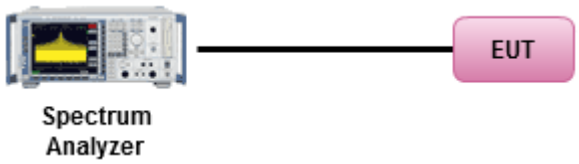
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪ 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 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 level.	

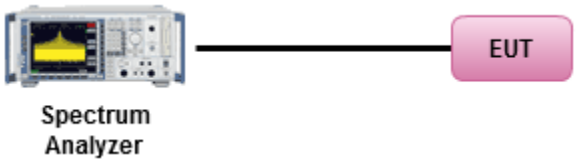
3.5.2 Measuring Instruments

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.

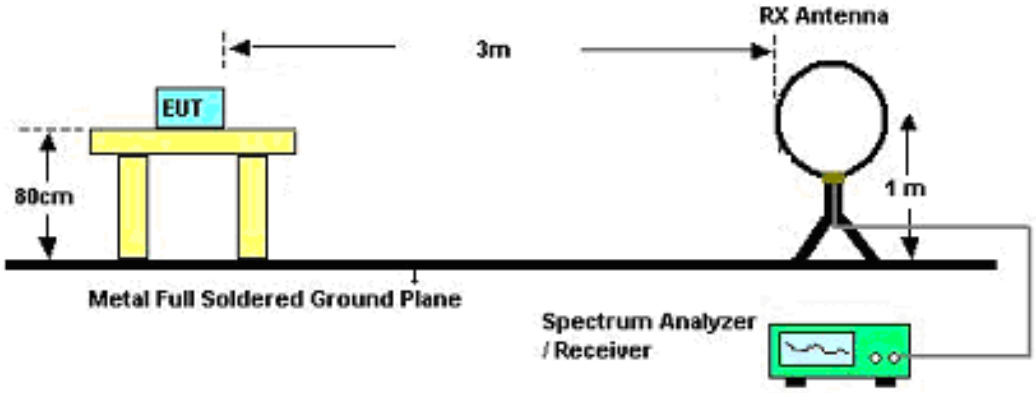
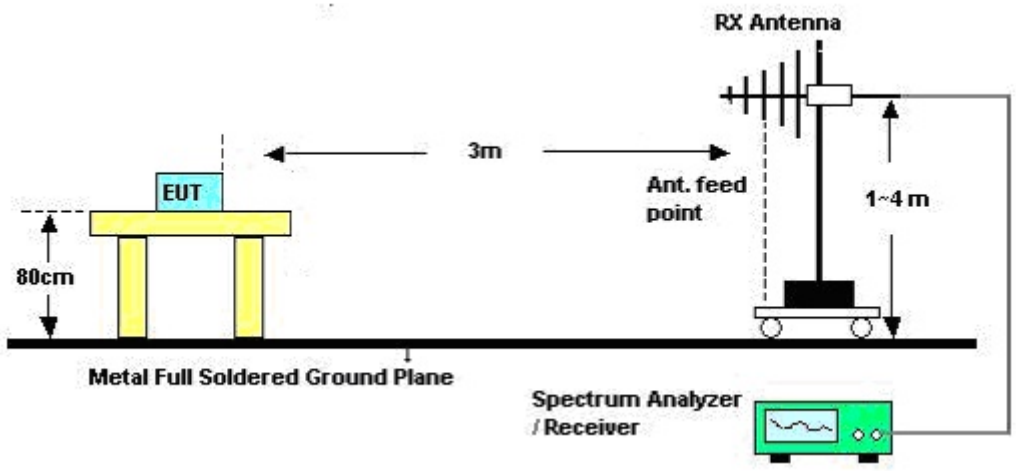
3.6.3 Test Procedures

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.
▪ 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.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

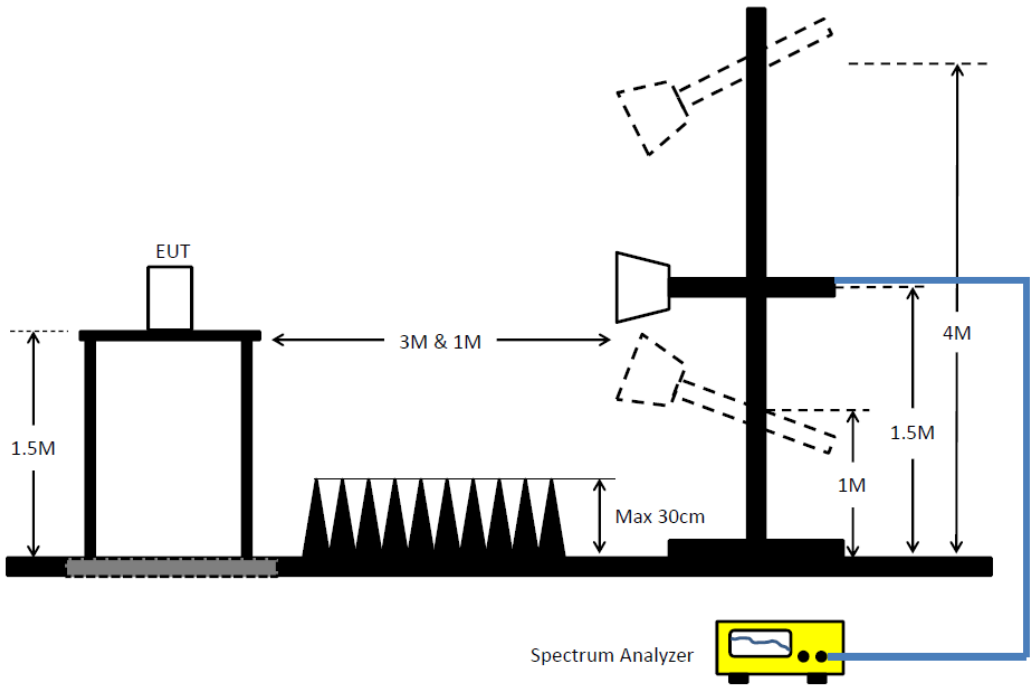
3.6.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.6 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.

3.6.7 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
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	05/Nov/2019	04/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	23/Sep/2019	22/Sep/2020
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
Pulse Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4+SN 804300/4	1GHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	10/Mar/2020	09/Mar/2021

Instrument for Radiated Test (03CH09-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz 3m	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	07/Aug/2019	06/Aug/2020
Amplifier	EMC	EMC9135	980232	9kHz ~ 1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	04/Sep/2019	03/Sep/2020
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	15/Jul/2019	14/Jul/2020
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ6102-05	35418 & 3	30MHz ~ 1GHz	30/Sep/2019	29/Sep/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz ~ 18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz ~ 1GHz	12/Feb/2020	11/Feb/2021
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	324530/4+17173/4	1GHz ~ 40GHz	12/Feb/2020	11/Feb/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021

Summary

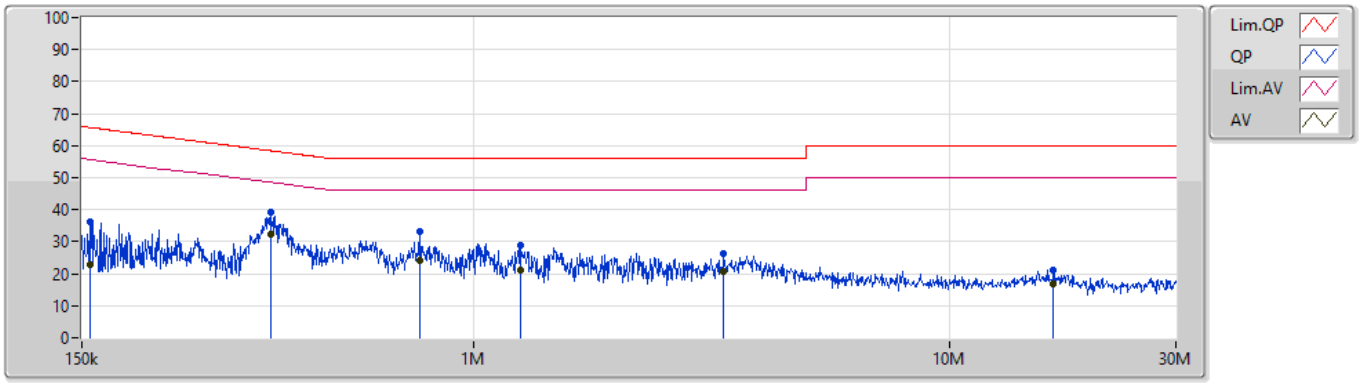
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	371.231k	38.38	48.47	-10.09	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.109k	36.36	65.67	-29.31	Line	-
Mode 1	Pass	AV	156.109k	22.67	55.67	-33.00	Line	-
Mode 1	Pass	QP	375.703k	39.36	58.37	-19.01	Line	-
Mode 1	Pass	AV	375.703k	32.12	48.37	-16.25	Line	"Worst"
Mode 1	Pass	QP	770.75k	33.16	56.00	-22.84	Line	-
Mode 1	Pass	AV	770.75k	24.13	46.00	-21.87	Line	-
Mode 1	Pass	QP	1.259M	28.69	56.00	-27.31	Line	-
Mode 1	Pass	AV	1.259M	21.15	46.00	-24.85	Line	-
Mode 1	Pass	QP	3.362M	26.40	56.00	-29.60	Line	-
Mode 1	Pass	AV	3.362M	20.50	46.00	-25.50	Line	-
Mode 1	Pass	QP	16.601M	20.98	60.00	-39.02	Line	-
Mode 1	Pass	AV	16.601M	16.92	50.00	-33.08	Line	-
Mode 1	Pass	QP	186.83k	35.05	64.18	-29.13	Neutral	-
Mode 1	Pass	AV	186.83k	25.67	54.18	-28.51	Neutral	-
Mode 1	Pass	QP	371.231k	45.64	58.47	-12.83	Neutral	-
Mode 1	Pass	AV	371.231k	38.38	48.47	-10.09	Neutral	"Worst"
Mode 1	Pass	QP	767.679k	35.54	56.00	-20.46	Neutral	-
Mode 1	Pass	AV	767.679k	26.07	46.00	-19.93	Neutral	-
Mode 1	Pass	QP	1.269M	34.01	56.00	-21.99	Neutral	-
Mode 1	Pass	AV	1.269M	25.96	46.00	-20.04	Neutral	-
Mode 1	Pass	QP	3.613M	30.93	56.00	-25.07	Neutral	-
Mode 1	Pass	AV	3.613M	24.25	46.00	-21.75	Neutral	-
Mode 1	Pass	QP	18.125M	26.61	60.00	-33.39	Neutral	-
Mode 1	Pass	AV	18.125M	19.59	50.00	-30.41	Neutral	-

Conducted Emissions at Powerline_Mode 1

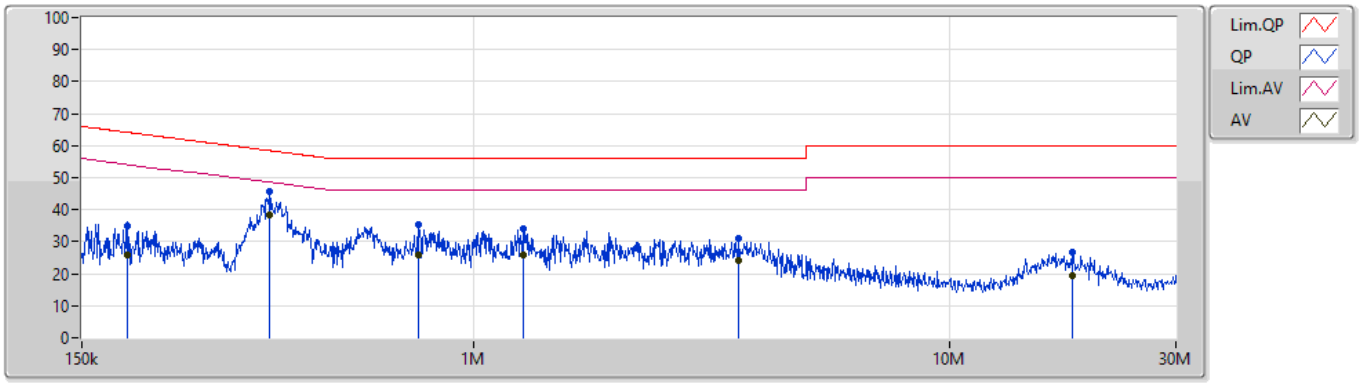
15/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.109k	36.36	65.67	-29.31	19.64	Line	-	16.72	9.66	0.11	9.87
AV	156.109k	22.67	55.67	-33.00	19.64	Line	-	3.03	9.66	0.11	9.87
QP	375.703k	39.36	58.37	-19.01	19.64	Line	-	19.72	9.64	0.13	9.87
AV	375.703k	32.12	48.37	-16.25	19.64	Line	"Worst"	12.48	9.64	0.13	9.87
QP	770.75k	33.16	56.00	-22.84	19.63	Line	-	13.53	9.64	0.12	9.87
AV	770.75k	24.13	46.00	-21.87	19.63	Line	-	4.50	9.64	0.12	9.87
QP	1.259M	28.69	56.00	-27.31	19.64	Line	-	9.05	9.64	0.12	9.88
AV	1.259M	21.15	46.00	-24.85	19.64	Line	-	1.51	9.64	0.12	9.88
QP	3.362M	26.40	56.00	-29.60	19.71	Line	-	6.69	9.66	0.17	9.88
AV	3.362M	20.50	46.00	-25.50	19.71	Line	-	0.79	9.66	0.17	9.88
QP	16.601M	20.98	60.00	-39.02	19.86	Line	-	1.12	9.65	0.33	9.88
AV	16.601M	16.92	50.00	-33.08	19.86	Line	-	-2.94	9.65	0.33	9.88

Conducted Emissions at Powerline_Mode 1

15/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	186.83k	35.05	64.18	-29.13	19.62	Neutral	-	15.43	9.64	0.11	9.87
AV	186.83k	25.67	54.18	-28.51	19.62	Neutral	-	6.05	9.64	0.11	9.87
QP	371.231k	45.64	58.47	-12.83	19.63	Neutral	-	26.01	9.63	0.13	9.87
AV	371.231k	38.38	48.47	-10.09	19.63	Neutral	"Worst"	18.75	9.63	0.13	9.87
QP	767.679k	35.54	56.00	-20.46	19.62	Neutral	-	15.92	9.63	0.12	9.87
AV	767.679k	26.07	46.00	-19.93	19.62	Neutral	-	6.45	9.63	0.12	9.87
QP	1.269M	34.01	56.00	-21.99	19.64	Neutral	-	14.37	9.64	0.12	9.88
AV	1.269M	25.96	46.00	-20.04	19.64	Neutral	-	6.32	9.64	0.12	9.88
QP	3.613M	30.93	56.00	-25.07	19.71	Neutral	-	11.22	9.66	0.17	9.88
AV	3.613M	24.25	46.00	-21.75	19.71	Neutral	-	4.54	9.66	0.17	9.88
QP	18.125M	26.61	60.00	-33.39	19.95	Neutral	-	6.66	9.72	0.34	9.89
AV	18.125M	19.59	50.00	-30.41	19.95	Neutral	-	-0.36	9.72	0.34	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	10M	14.753M	14M8G1D	10M	14.733M
802.11g_Nss1,(6Mbps)_1TX	16.325M	16.512M	16M5D1D	16.325M	16.492M
802.11n HT20_Nss1,(MCS0)_1TX	17.325M	17.671M	17M7D1D	17.3M	17.651M
802.11n HT40_Nss1,(MCS0)_1TX	35.5M	35.902M	35M9D1D	35.05M	35.862M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10M	14.753M
2437MHz	Pass	500k	10M	14.733M
2462MHz	Pass	500k	10M	14.753M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.512M
2437MHz	Pass	500k	16.325M	16.512M
2462MHz	Pass	500k	16.325M	16.492M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.325M	17.651M
2437MHz	Pass	500k	17.3M	17.651M
2462MHz	Pass	500k	17.3M	17.671M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.5M	35.902M
2437MHz	Pass	500k	35.1M	35.902M
2452MHz	Pass	500k	35.05M	35.862M

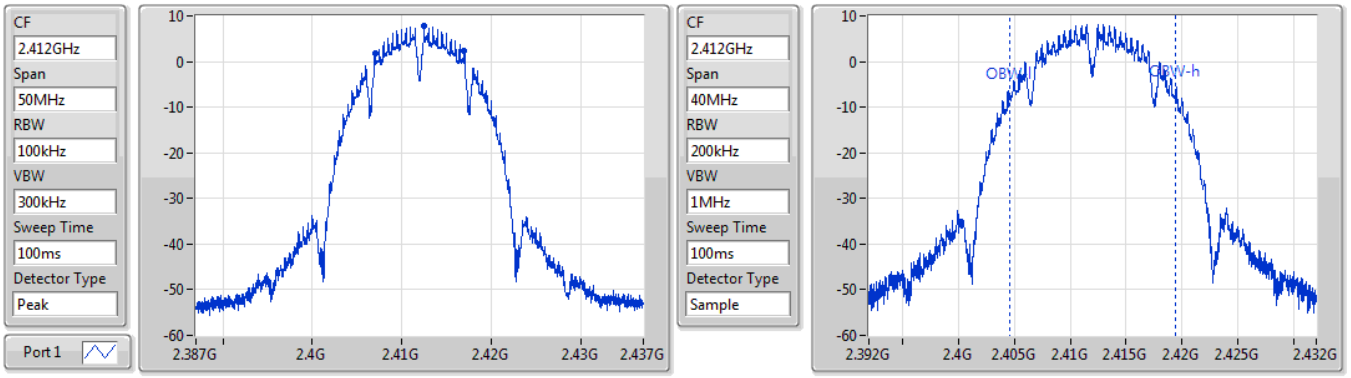
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

15/07/2020



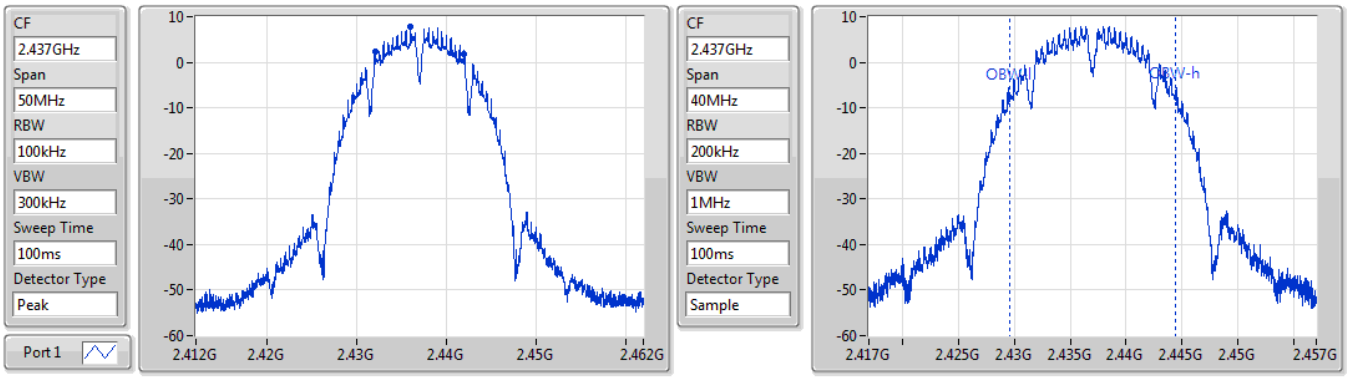
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.407G	2.417G	14.753M	2.404644G	2.419396G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

15/07/2020



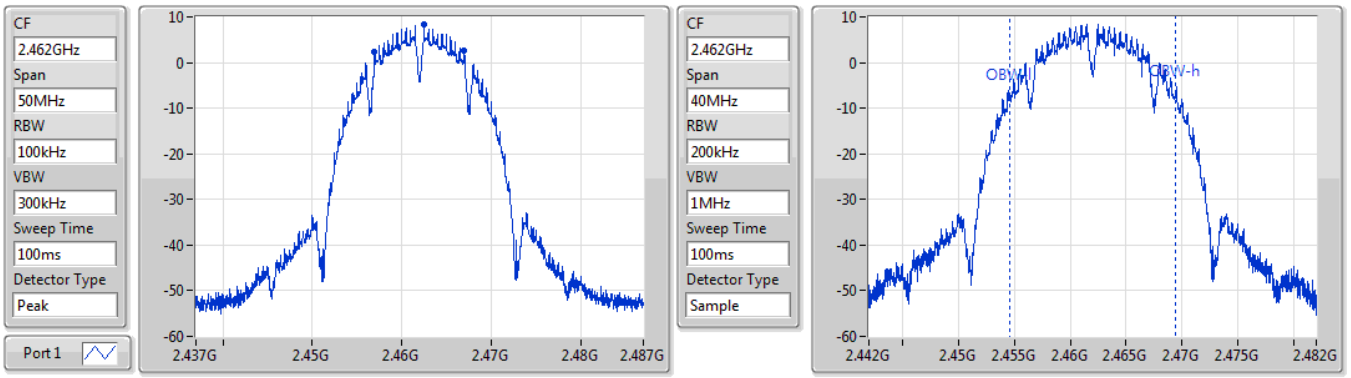
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.432G	2.442G	14.733M	2.429624G	2.444356G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

15/07/2020



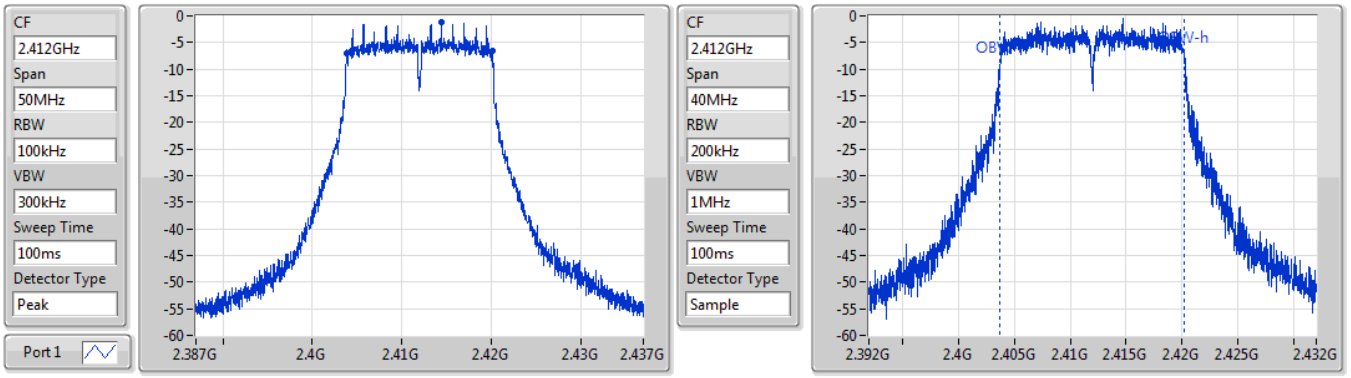
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10M	2.456975G	2.466975G	14.753M	2.454624G	2.469376G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

15/07/2020



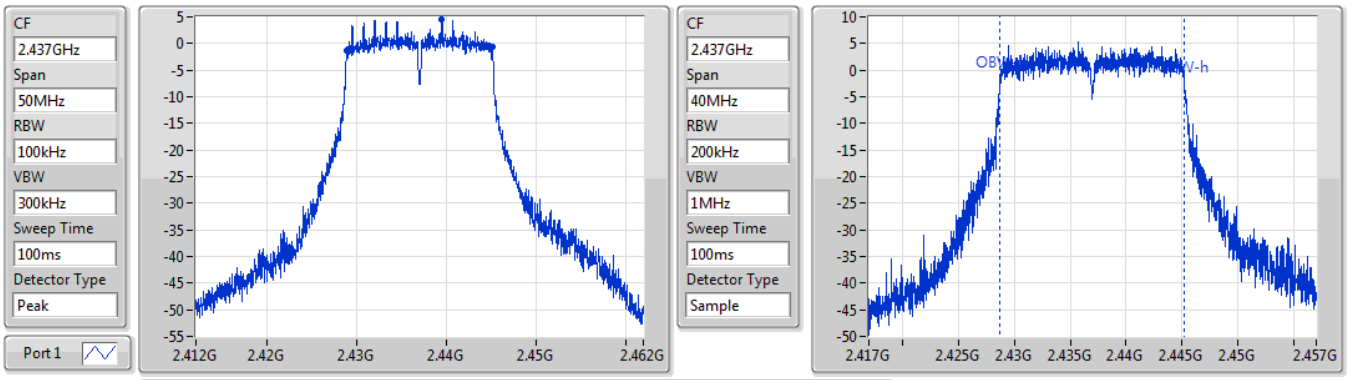
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.512M	2.403724G	2.420236G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

15/07/2020



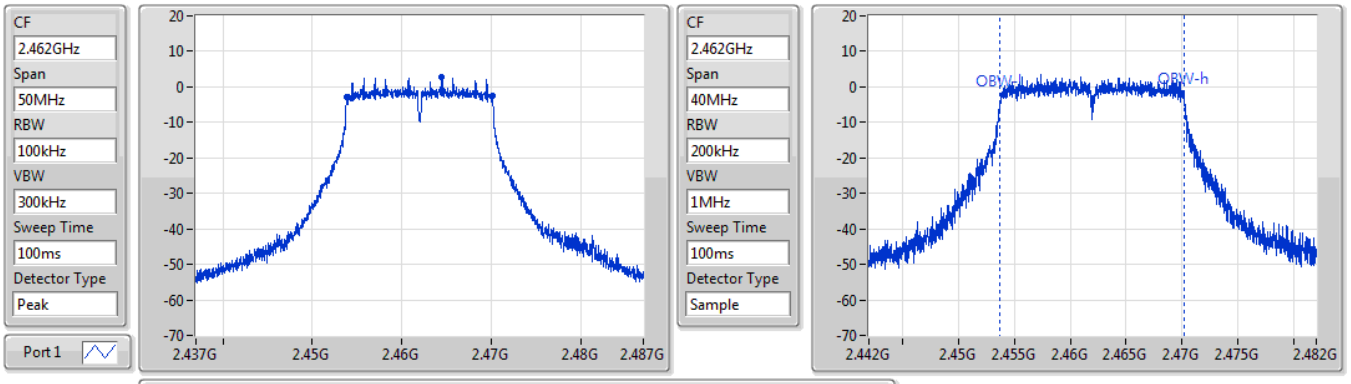
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.512M	2.428724G	2.445236G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

22/07/2020



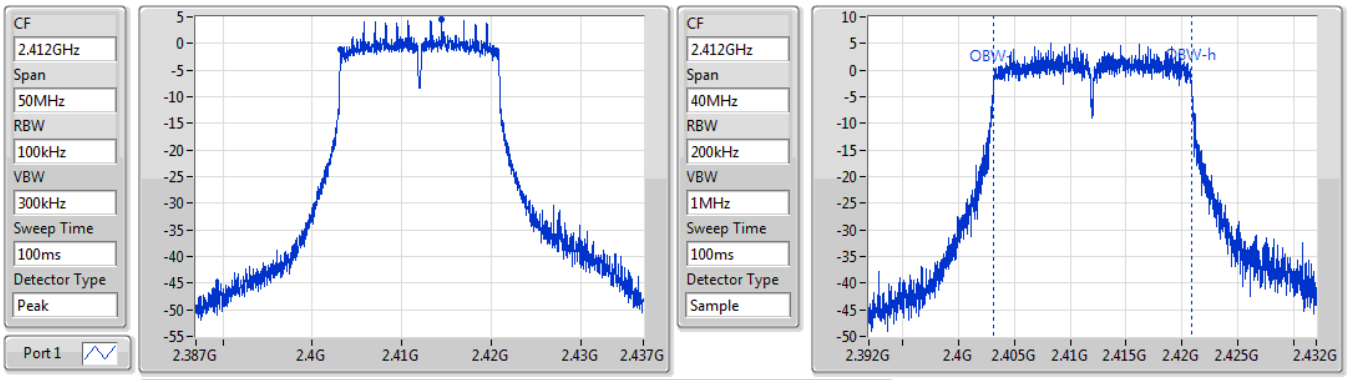
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.492M	2.453744G	2.470236G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2412MHz

15/07/2020



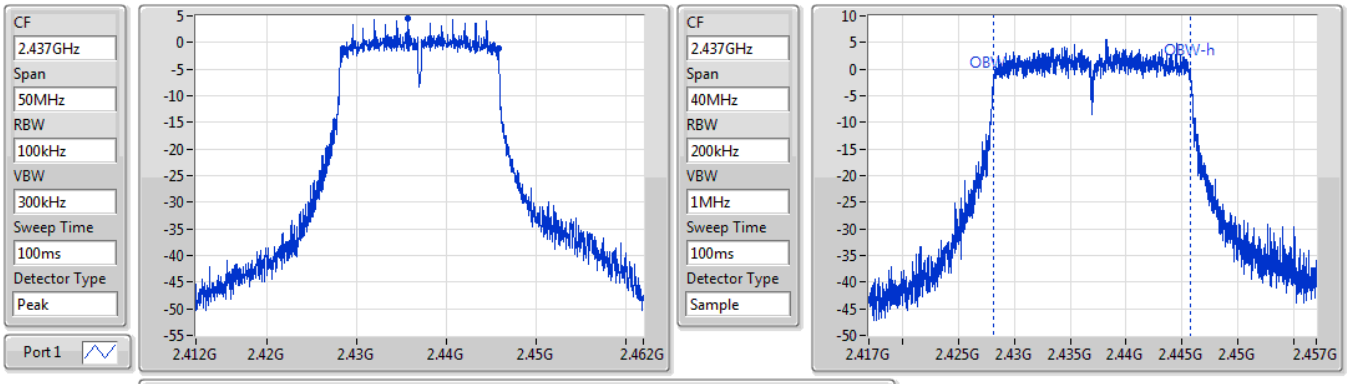
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.325M	2.403225G	2.42055G	17.651M	2.403164G	2.420816G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

15/07/2020



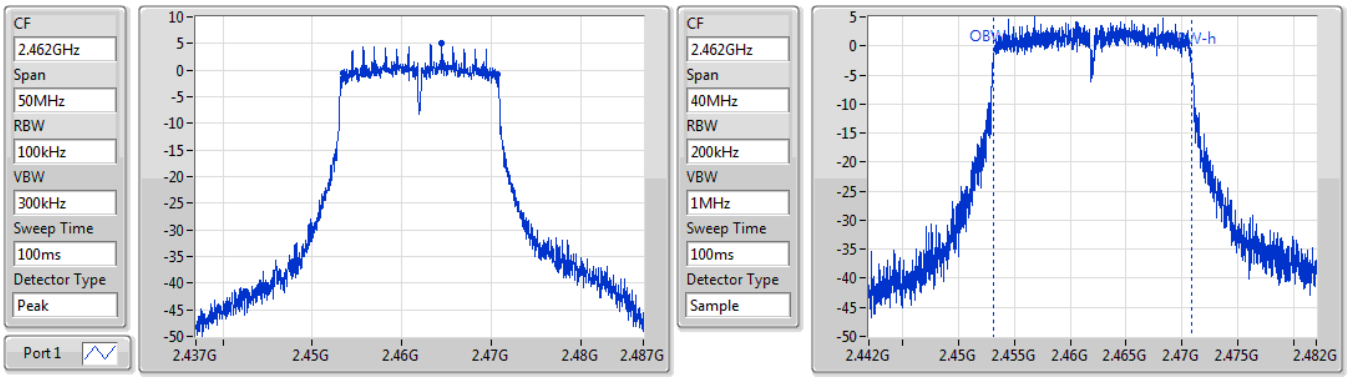
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	2.428475G	2.445775G	17.651M	2.428144G	2.445796G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX

EBW

2462MHz

15/07/2020



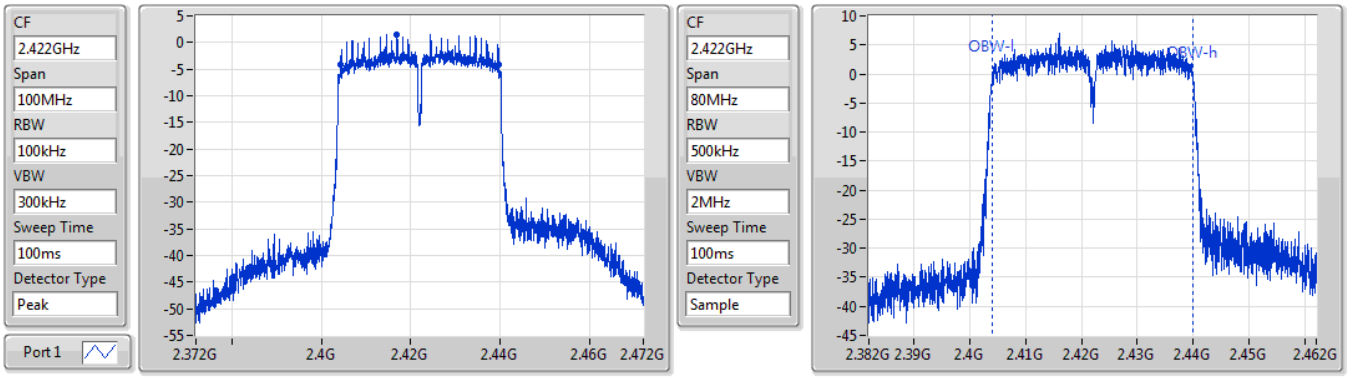
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	2.45345G	2.47075G	17.671M	2.453144G	2.470816G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2422MHz

15/07/2020



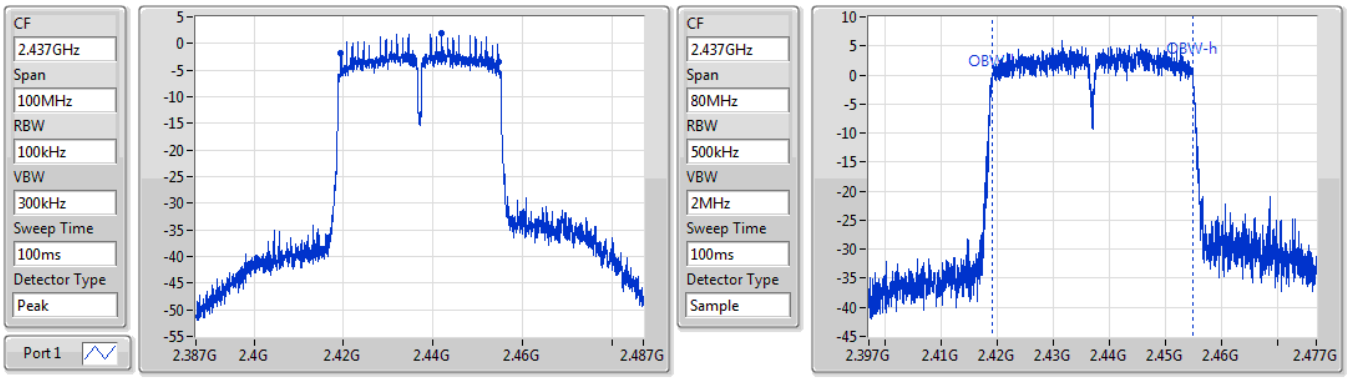
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.5M	2.40425G	2.43975G	35.902M	2.404049G	2.439951G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2437MHz

15/07/2020



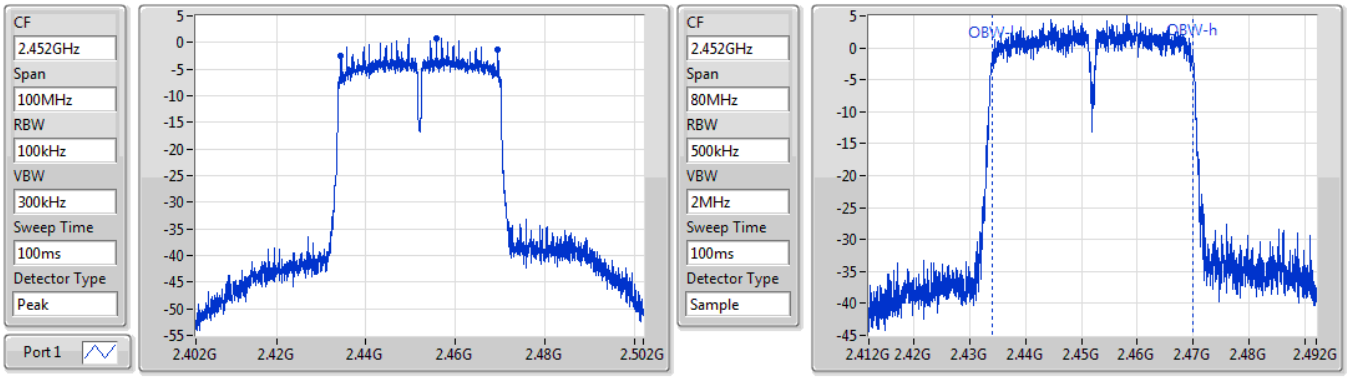
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	35.902M	2.419049G	2.454951G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX

EBW

2452MHz

15/07/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	35.862M	2.434049G	2.469911G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.32	0.05395
802.11g_Nss1,(6Mbps)_1TX	16.23	0.04198
802.11n HT20_Nss1,(MCS0)_1TX	16.52	0.04487
802.11n HT40_Nss1,(MCS0)_1TX	16.21	0.04178

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	16.93	16.93	30.00
2437MHz	Pass	2.80	17.12	17.12	30.00
2462MHz	Pass	2.80	17.32	17.32	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	10.32	10.32	30.00
2417MHz	Pass	2.80	10.88	10.88	30.00
2437MHz	Pass	2.80	16.23	16.23	30.00
2457MHz	Pass	2.80	13.35	13.35	30.00
2462MHz	Pass	2.80	13.31	13.31	30.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	16.00	16.00	30.00
2437MHz	Pass	2.80	16.27	16.27	30.00
2462MHz	Pass	2.80	16.52	16.52	30.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.80	16.04	16.04	30.00
2437MHz	Pass	2.80	16.21	16.21	30.00
2447MHz	Pass	2.80	15.45	15.45	30.00
2452MHz	Pass	2.80	15.02	15.02	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.98
802.11g_Nss1,(6Mbps)_1TX	-9.60
802.11n HT20_Nss1,(MCS0)_1TX	-10.09
802.11n HT40_Nss1,(MCS0)_1TX	-12.36

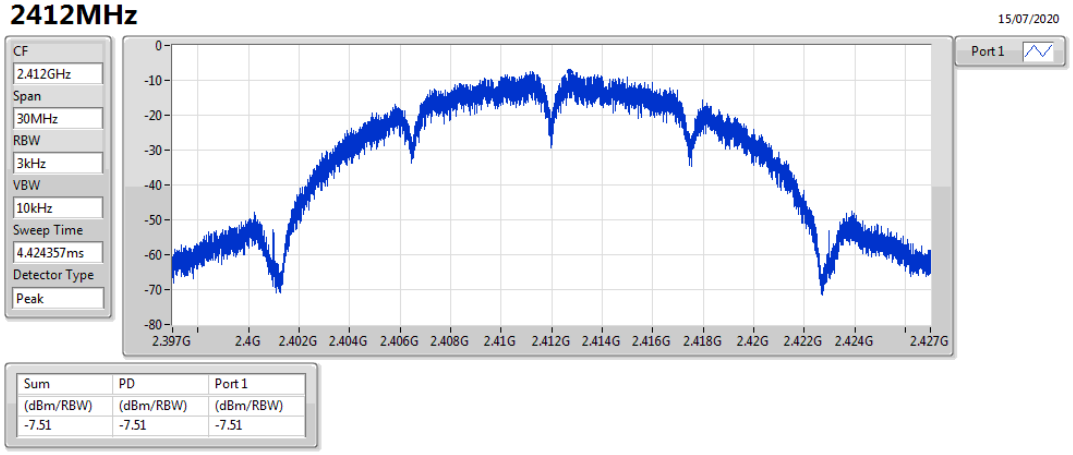
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	-7.51	-7.51	8.00
2437MHz	Pass	2.80	-6.98	-6.98	8.00
2462MHz	Pass	2.80	-7.22	-7.22	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	-14.83	-14.83	8.00
2437MHz	Pass	2.80	-9.60	-9.60	8.00
2462MHz	Pass	2.80	-11.80	-11.80	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.80	-10.53	-10.53	8.00
2437MHz	Pass	2.80	-10.27	-10.27	8.00
2462MHz	Pass	2.80	-10.09	-10.09	8.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.80	-12.36	-12.36	8.00
2437MHz	Pass	2.80	-13.14	-13.14	8.00
2452MHz	Pass	2.80	-13.58	-13.58	8.00

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

802.11b_Nss1,(1Mbps)_1TX PSD

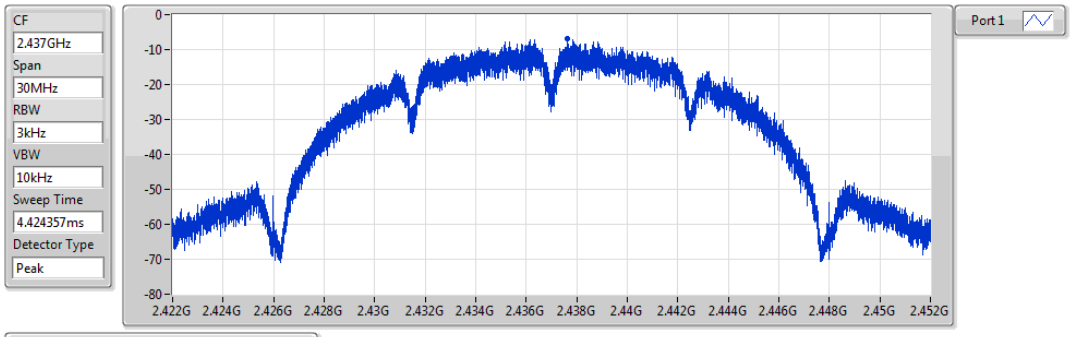
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.51	-7.51	-7.51

802.11b_Nss1,(1Mbps)_1TX PSD

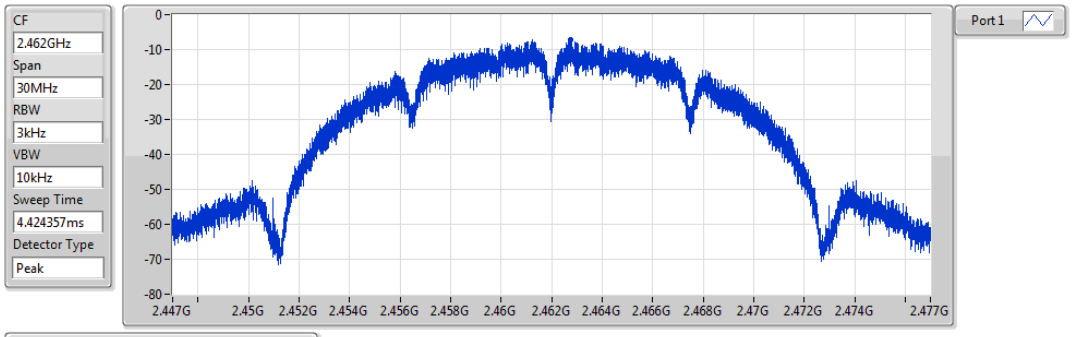
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.98	-6.98	-6.98

802.11b_Nss1,(1Mbps)_1TX PSD

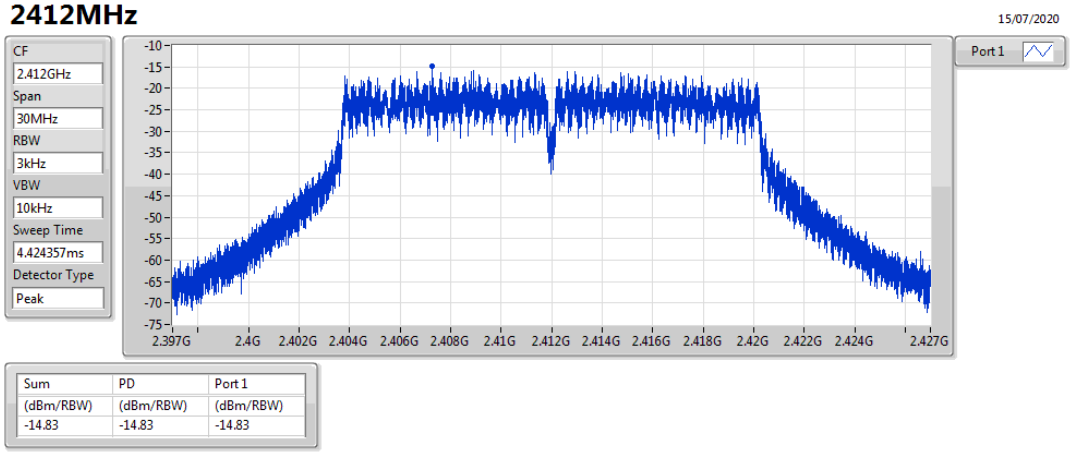
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.22	-7.22	-7.22

802.11g_Nss1,(6Mbps)_1TX PSD

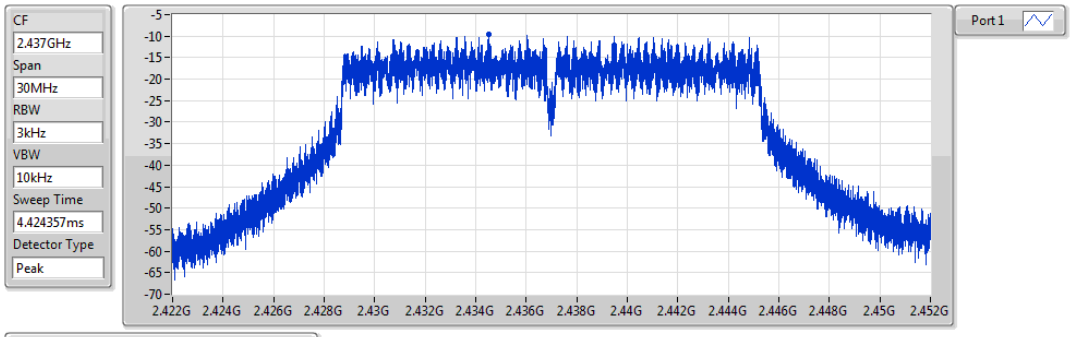
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.83	-14.83	-14.83

802.11g_Nss1,(6Mbps)_1TX PSD

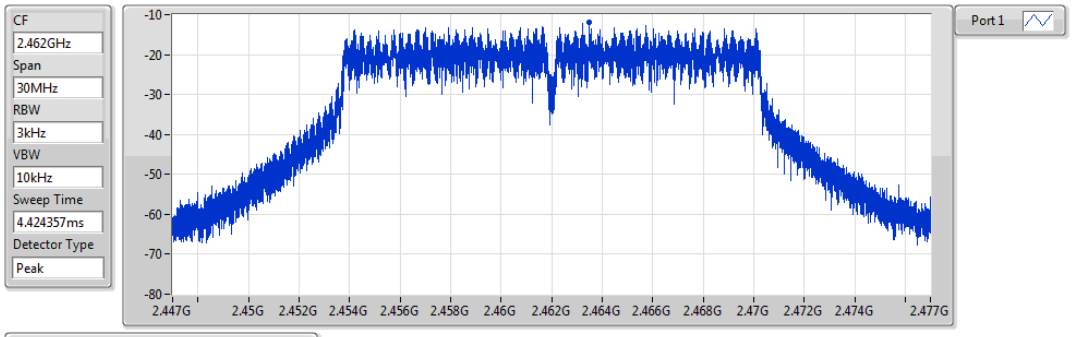
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.60	-9.60	-9.60

802.11g_Nss1,(6Mbps)_1TX PSD

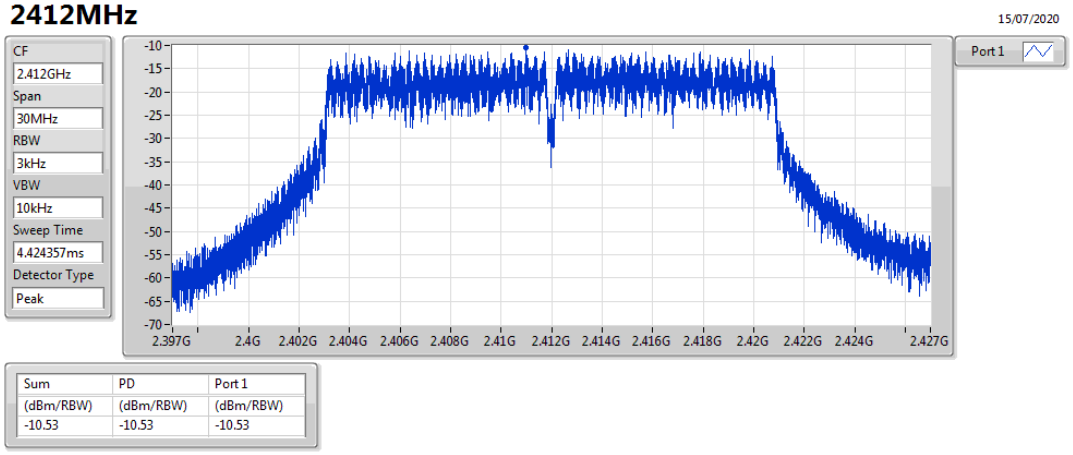
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.80	-11.80	-11.80

802.11n HT20_Nss1,(MCS0)_1TX PSD

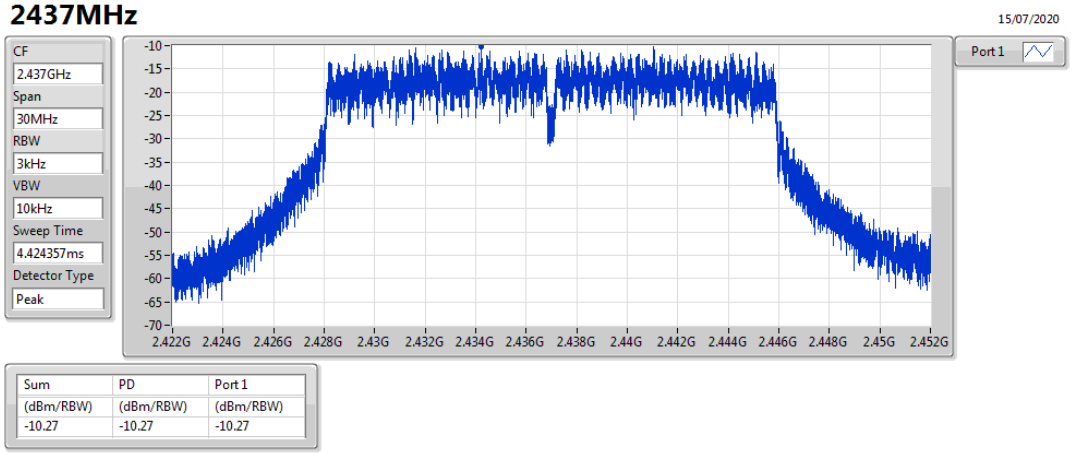
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.53	-10.53	-10.53

802.11n HT20_Nss1,(MCS0)_1TX PSD

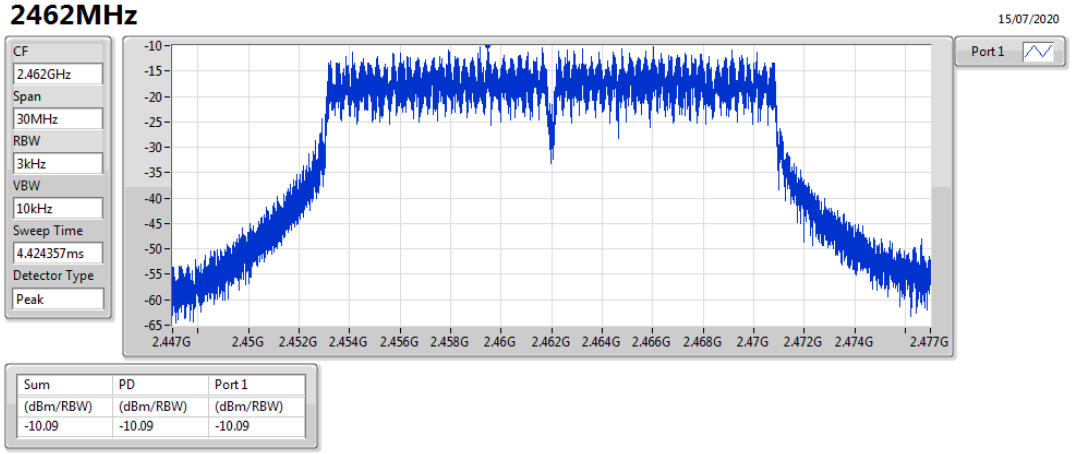
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.27	-10.27	-10.27

802.11n HT20_Nss1,(MCS0)_1TX PSD

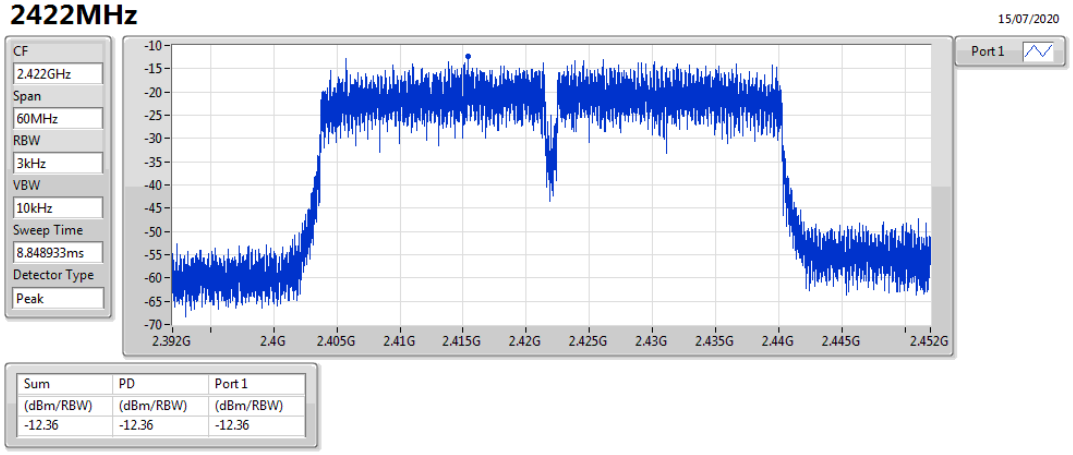
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.09	-10.09	-10.09

802.11n HT40_Nss1,(MCS0)_1TX PSD

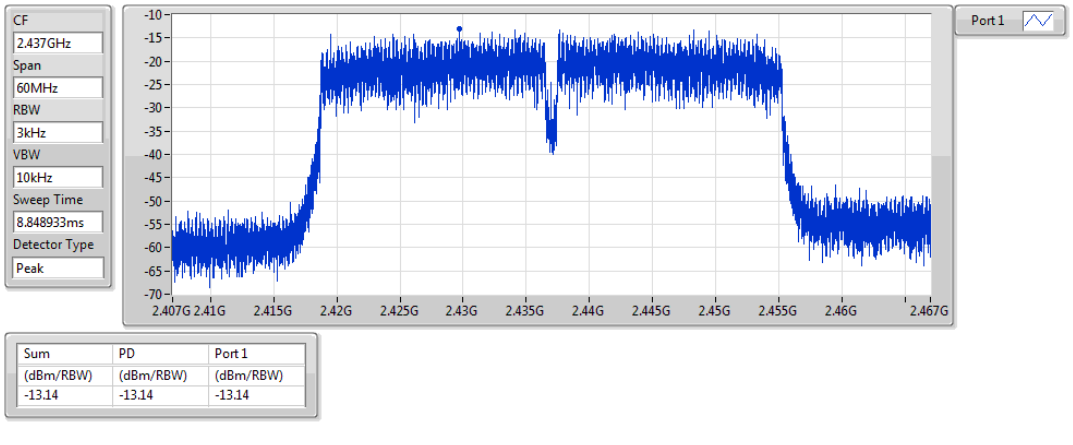
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.36	-12.36	-12.36

802.11n HT40_Nss1,(MCS0)_1TX PSD

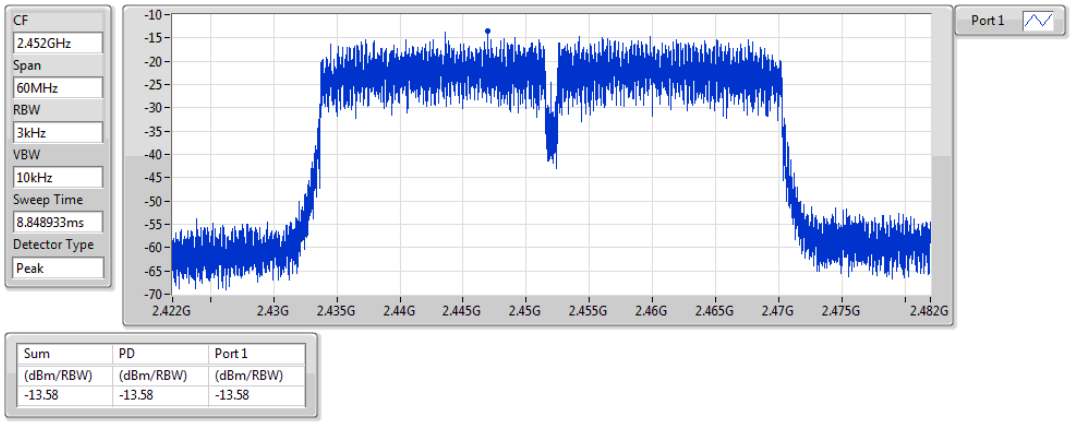
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.14	-13.14	-13.14

802.11n HT40_Nss1,(MCS0)_1TX PSD

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.58	-13.58	-13.58

Summary

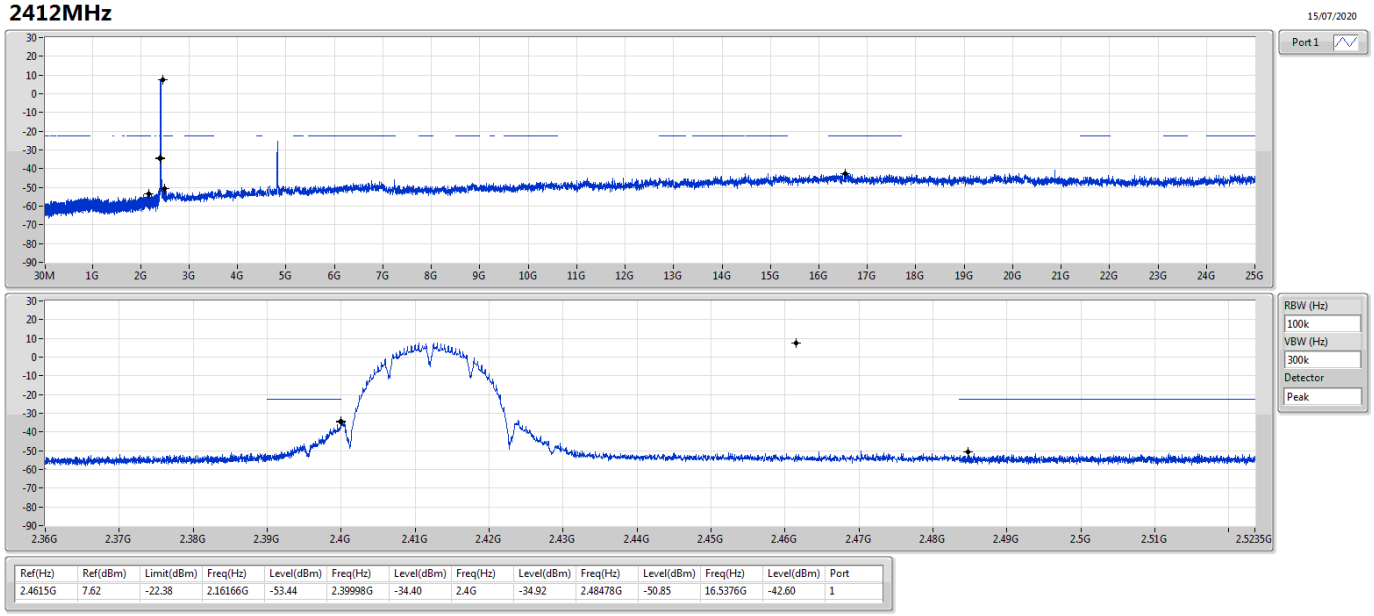
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.4615G	7.62	-22.38	2.16166G	-53.44	2.39998G	-34.40	2.4G	-34.92	2.48478G	-50.85	16.5376G	-42.60	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43945G	5.25	-24.75	1.96798G	-54.90	2.4G	-37.51	2.4G	-36.87	2.49588G	-52.24	22.0022G	-41.79	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.46701G	4.91	-25.09	2.30292G	-53.72	2.39944G	-29.85	2.4G	-30.62	2.51548G	-50.65	16.61346G	-42.36	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	2.43449G	1.95	-28.05	2.12077G	-53.96	2.39828G	-35.80	2.4G	-39.41	2.56186G	-50.12	16.34512G	-42.17	1

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)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4615G	7.62	-22.38	2.16166G	-53.44	2.39998G	-34.40	2.4G	-34.92	2.48478G	-50.85	16.5376G	-42.60	1
2437MHz	Pass	2.4615G	7.62	-22.38	2.11885G	-54.03	2.39704G	-51.81	2.4G	-53.53	2.48858G	-51.23	16.60222G	-41.74	1
2462MHz	Pass	2.4615G	7.62	-22.38	2.08652G	-53.04	2.39778G	-52.53	2.4835G	-53.49	2.50538G	-49.59	16.20045G	-40.46	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43945G	5.25	-24.75	1.96798G	-54.90	2.4G	-37.51	2.4G	-36.87	2.49588G	-52.24	22.0022G	-41.79	1
2437MHz	Pass	2.43945G	5.25	-24.75	2.30932G	-54.41	2.39478G	-52.12	2.4835G	-53.12	2.49412G	-51.06	16.82136G	-40.44	1
2462MHz	Pass	2.43945G	5.25	-24.75	2.09729G	-54.49	2.39634G	-53.61	2.4835G	-50.89	2.4841G	-48.31	15.32106G	-41.31	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46701G	4.91	-25.09	2.30292G	-53.72	2.39944G	-29.85	2.4G	-30.62	2.51548G	-50.65	16.61346G	-42.36	1
2437MHz	Pass	2.46701G	4.91	-25.09	2.13836G	-53.44	2.39064G	-51.46	2.4835G	-51.78	2.49208G	-50.42	16.43926G	-42.19	1
2462MHz	Pass	2.46701G	4.91	-25.09	2.13719G	-53.64	2.39324G	-51.89	2.4835G	-42.09	2.48358G	-39.20	16.40274G	-42.07	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	1.95	-28.05	2.12077G	-53.96	2.39828G	-35.80	2.4G	-39.41	2.56186G	-50.12	16.34512G	-42.17	1
2437MHz	Pass	2.43449G	1.95	-28.05	2.16056G	-53.01	2.39956G	-38.91	2.4G	-41.13	2.48362G	-43.01	16.98456G	-42.64	1
2452MHz	Pass	2.43449G	1.95	-28.05	2.12163G	-54.08	2.39952G	-51.71	2.4835G	-39.37	2.48466G	-36.02	16.88921G	-42.14	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

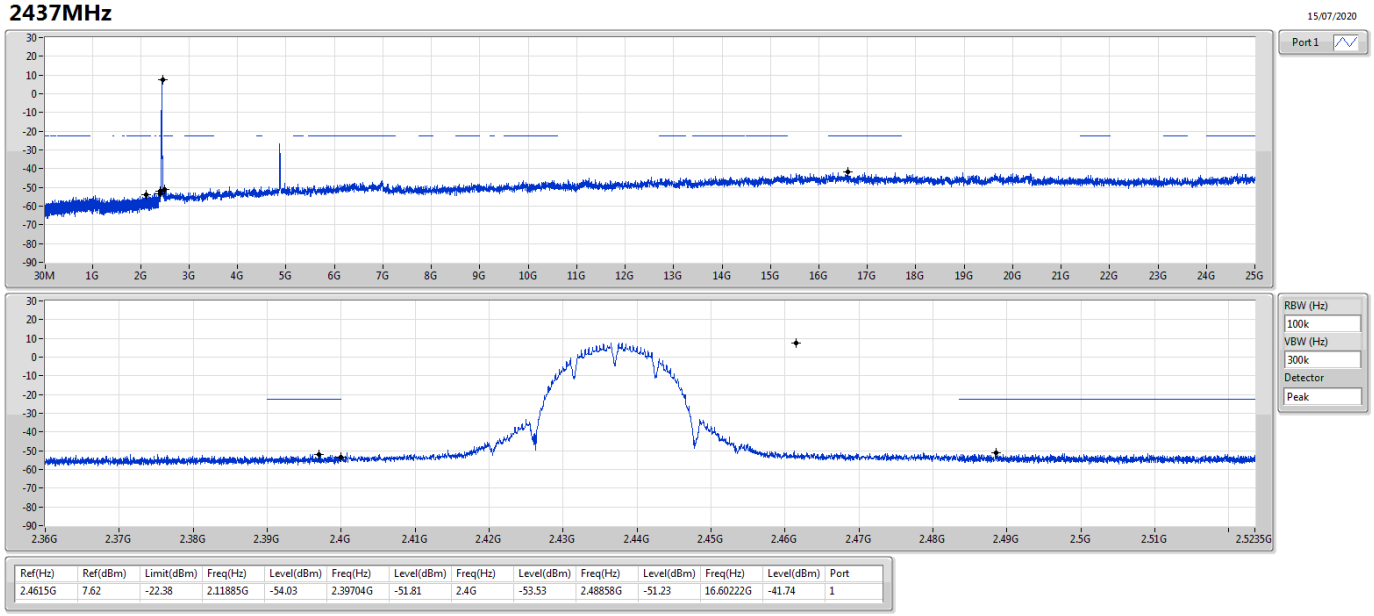
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	7.62	-22.38	2.16166G	-53.44	2.39998G	-34.40	2.4G	-34.92	2.48478G	-50.85	16.5376G	-42.60	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

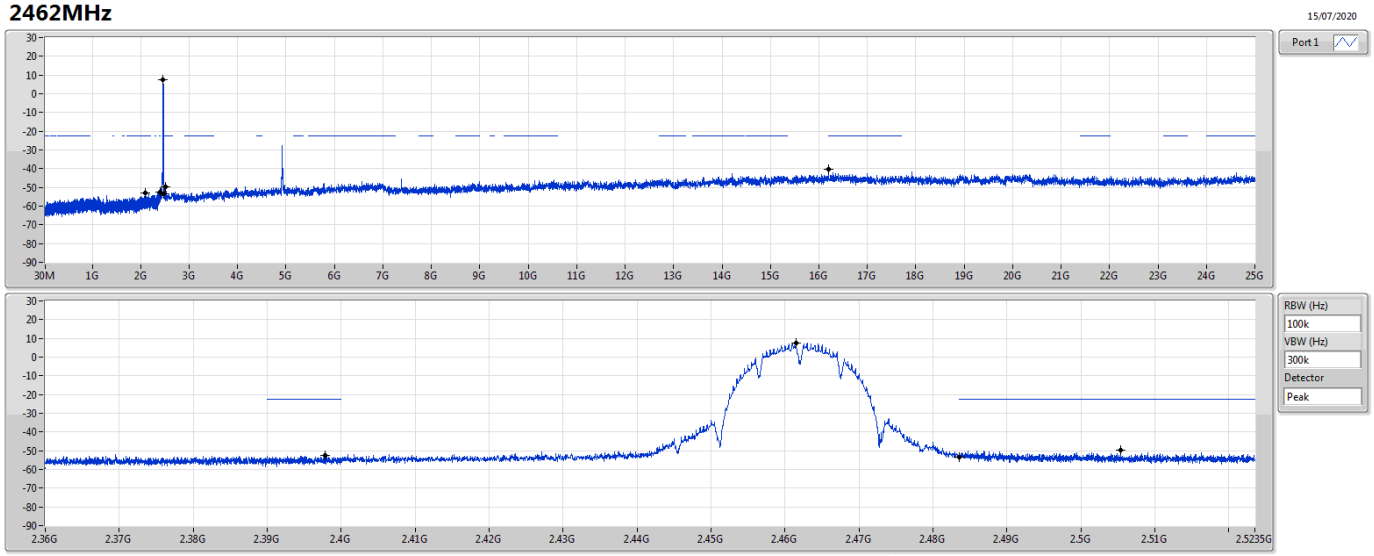
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	7.62	-22.38	2.11885G	-54.03	2.39704G	-51.81	2.4G	-53.53	2.48858G	-51.23	16.60222G	-41.74	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

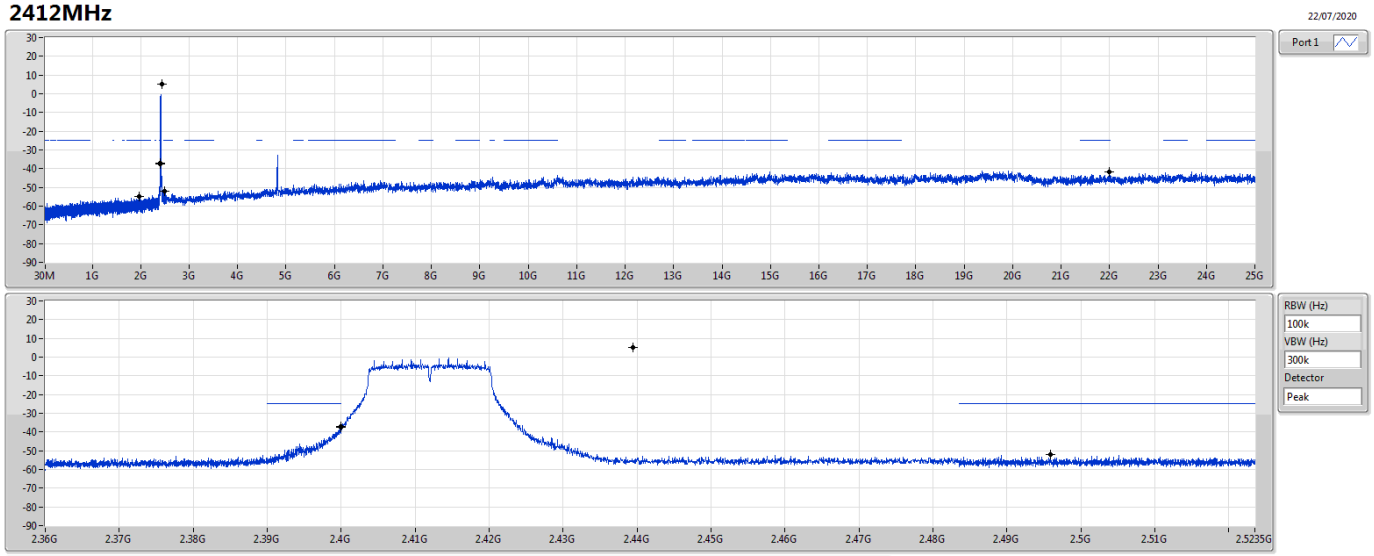
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	7.62	-22.38	2.08652G	-53.04	2.39778G	-52.53	2.4835G	-53.49	2.50538G	-49.59	16.20045G	-40.46	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

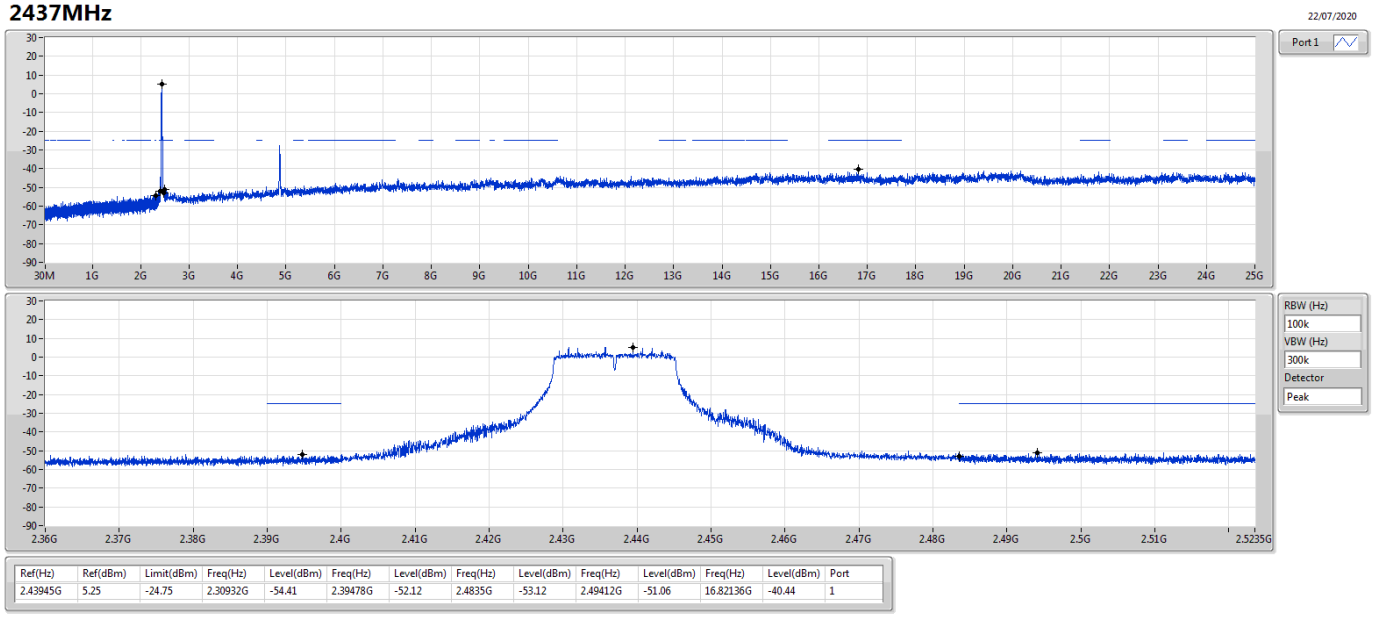
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	5.25	-24.75	1.96798G	-54.90	2.4G	-37.51	2.4G	-36.87	2.49588G	-52.24	22.0022G	-41.79	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

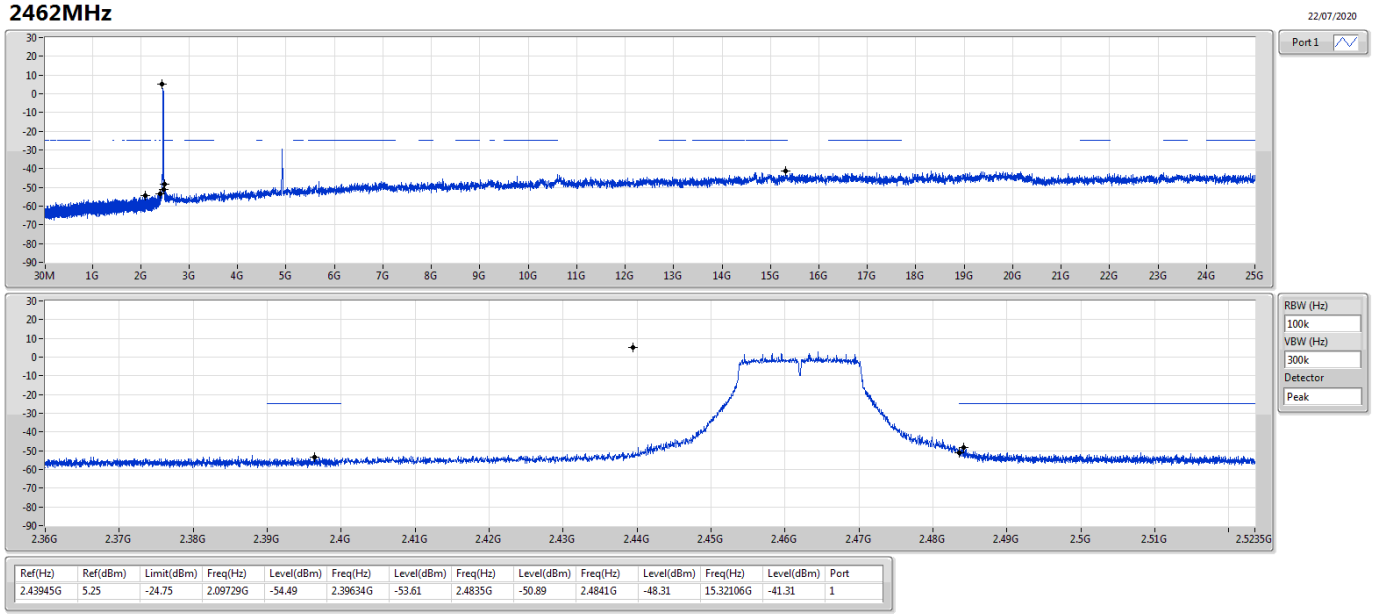
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	5.25	-24.75	2.30932G	-54.41	2.39478G	-52.12	2.4835G	-53.12	2.49412G	-51.06	16.82136G	-40.44	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

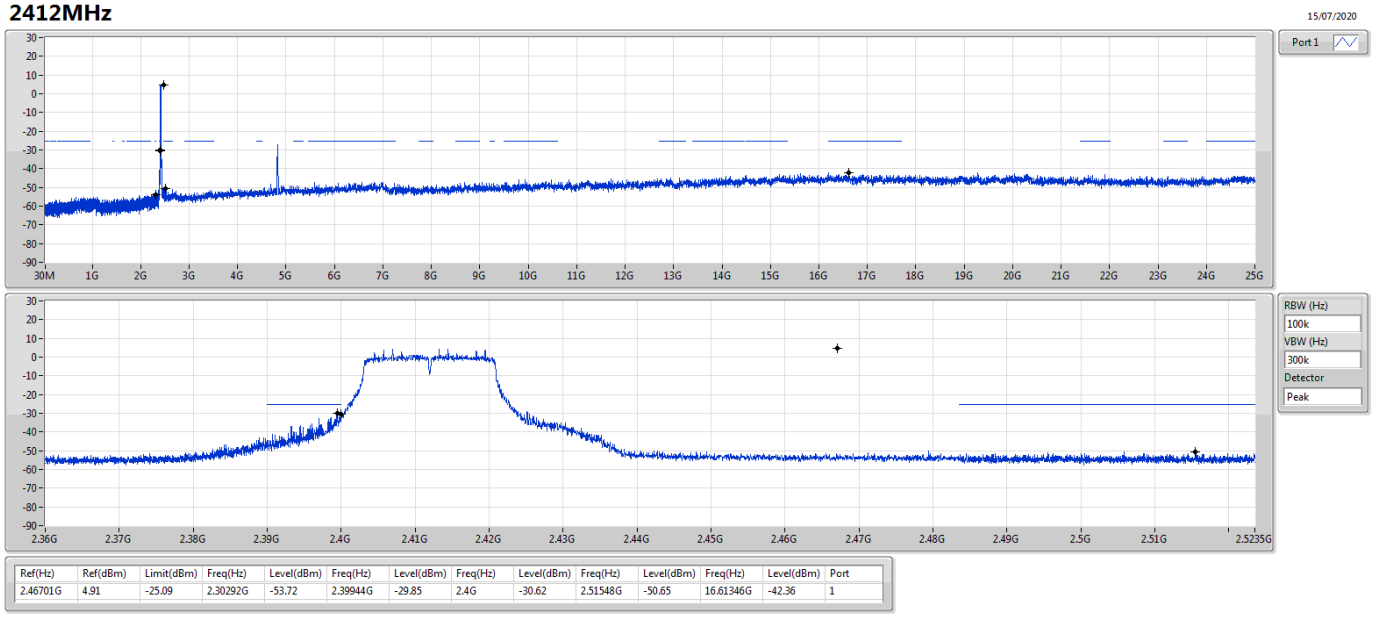
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	5.25	-24.75	2.09729G	-54.49	2.39634G	-53.61	2.4835G	-50.89	2.4841G	-48.31	15.32106G	-41.31	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

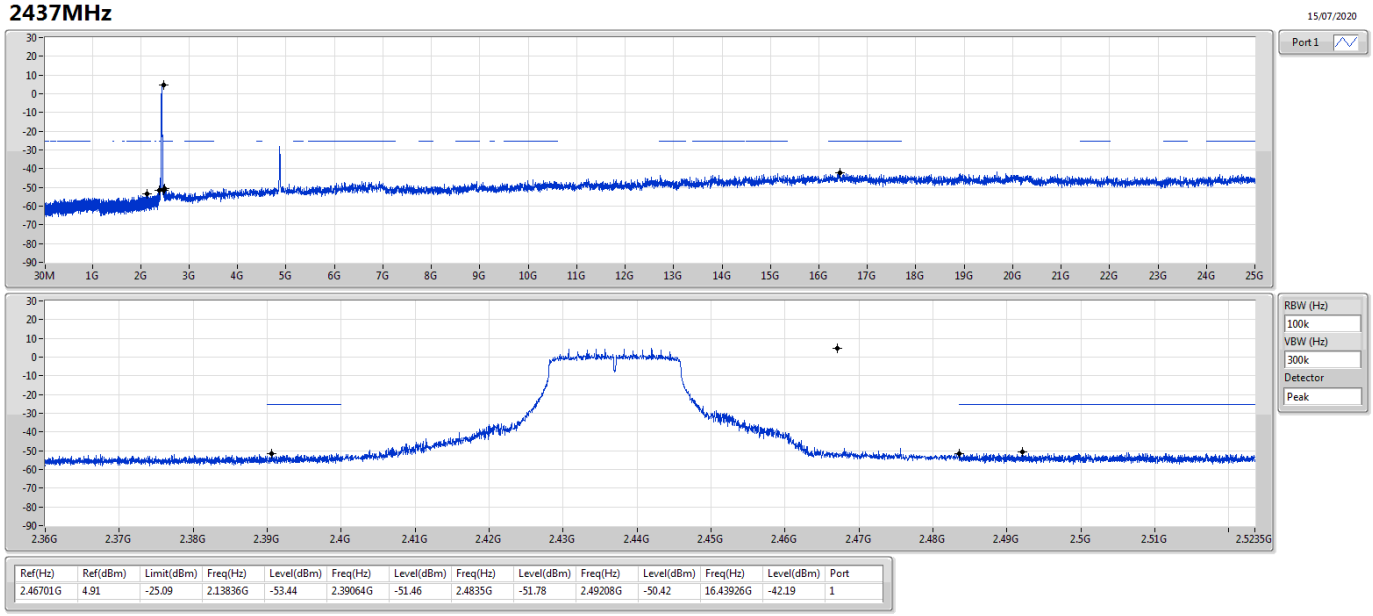
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46701G	4.91	-25.09	2.30292G	-53.72	2.39944G	-29.85	2.4G	-30.62	2.51548G	-50.65	16.61346G	-42.36	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

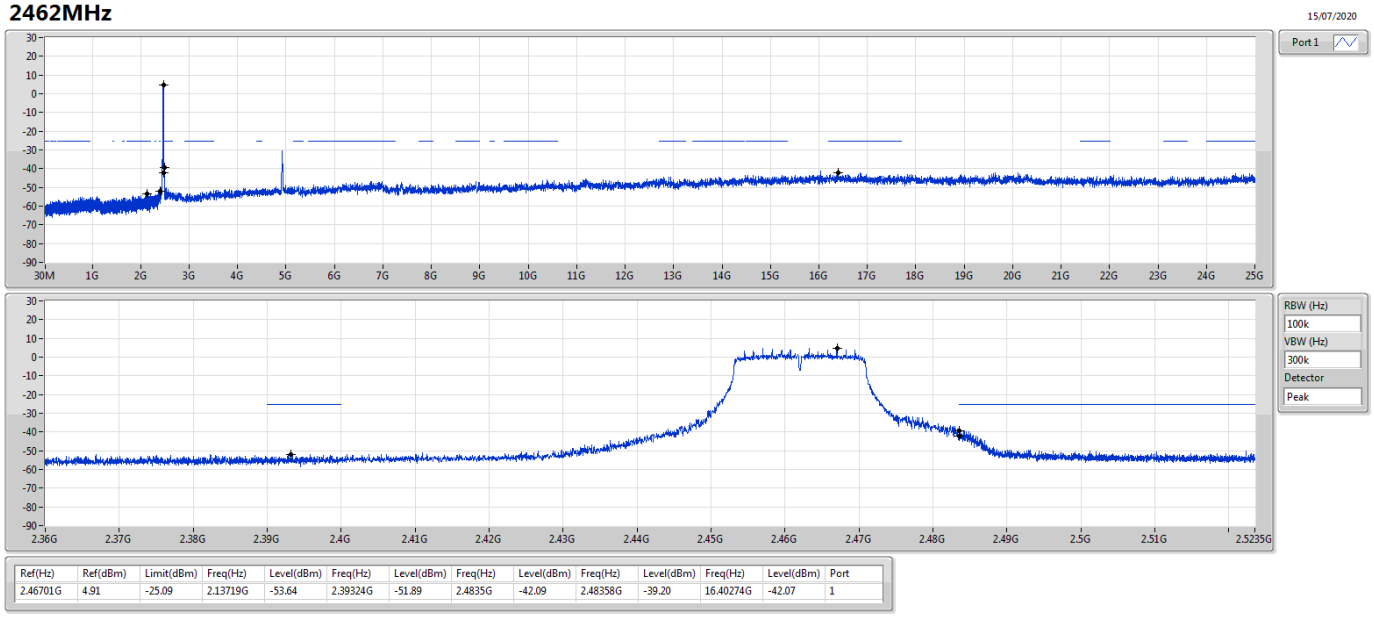
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46701G	4.91	-25.09	2.13836G	-53.44	2.39064G	-51.46	2.4835G	-51.78	2.49208G	-50.42	16.43926G	-42.19	1

802.11n HT20_Nss1,(MCS0)_1TX **CSENdB**

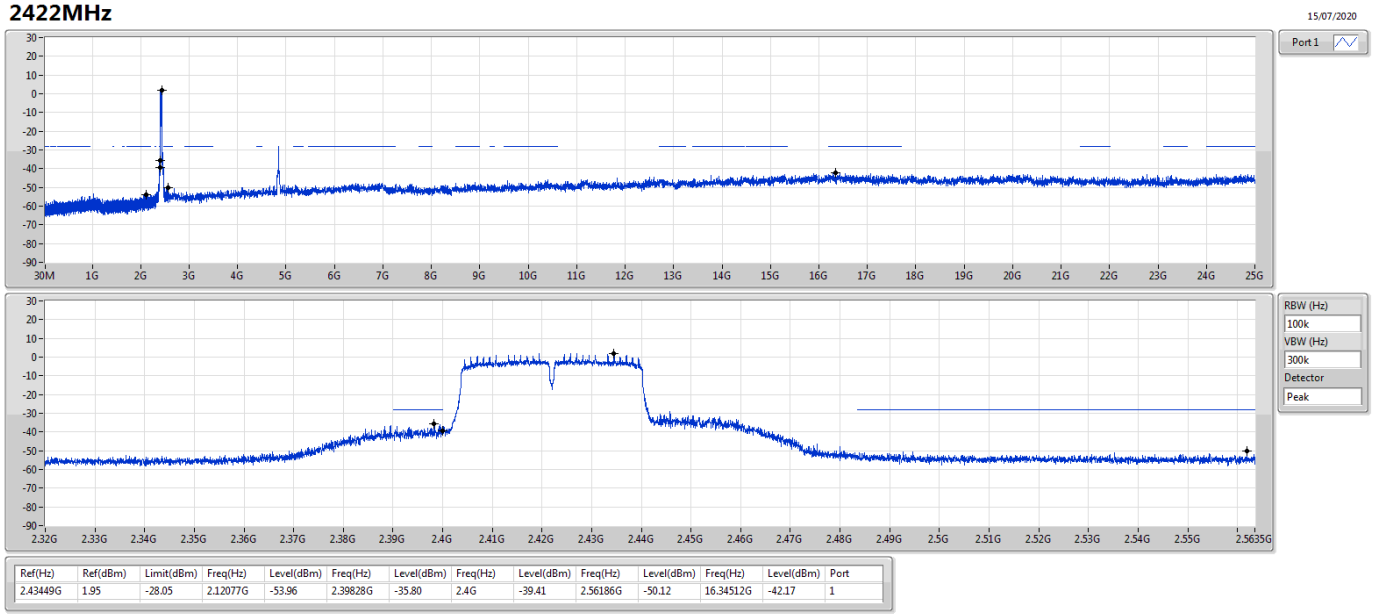
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46701G	4.91	-25.09	2.13719G	-53.64	2.39324G	-51.89	2.4835G	-42.09	2.48358G	-39.20	16.40274G	-42.07	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

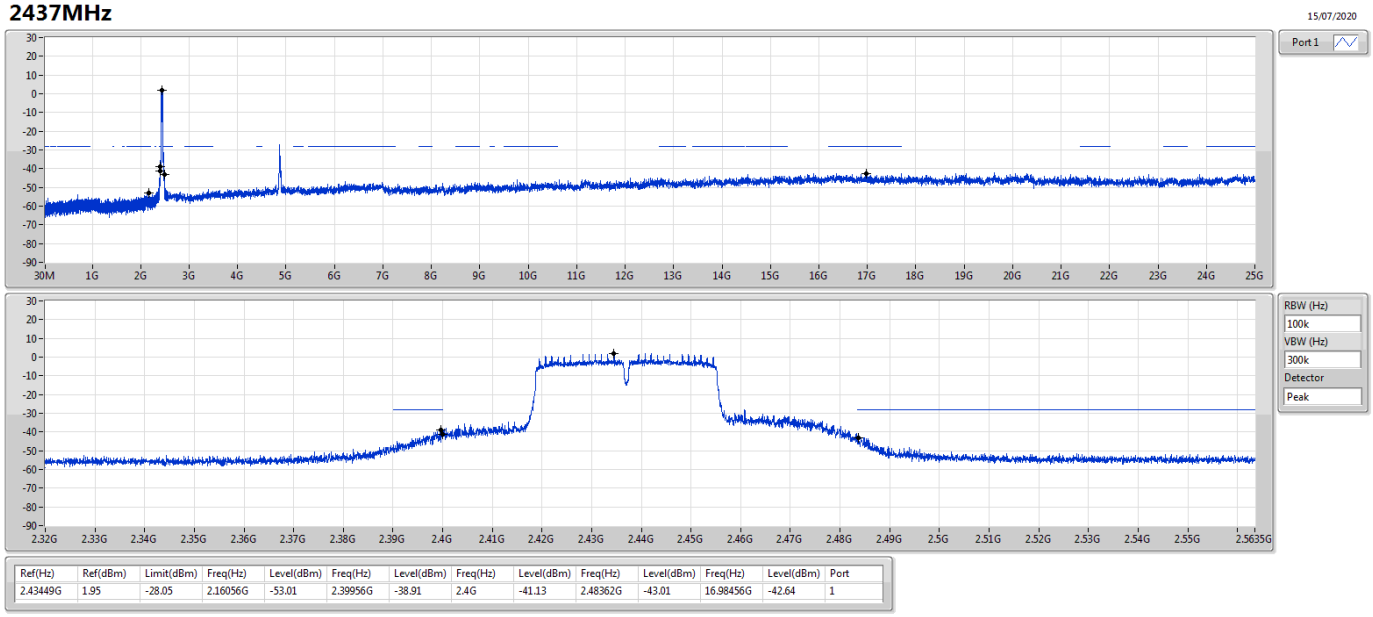
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	1.95	-28.05	2.12077G	-53.96	2.39828G	-35.80	2.4G	-39.41	2.56186G	-50.12	16.34512G	-42.17	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

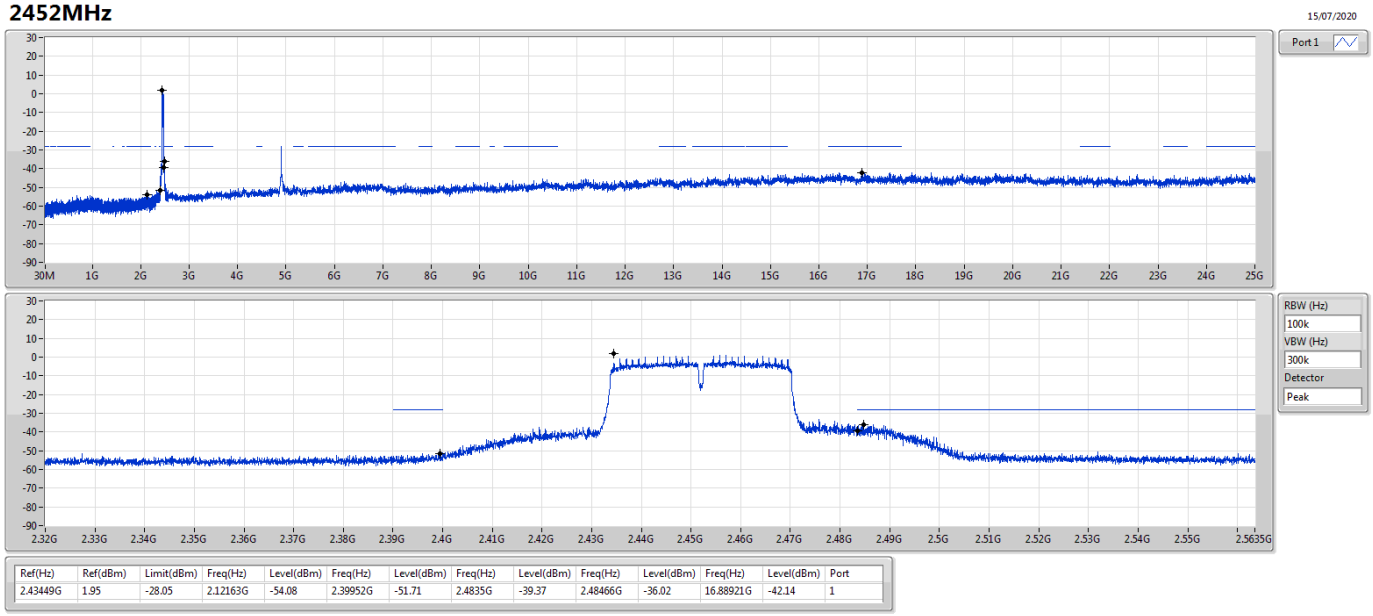
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	1.95	-28.05	2.16056G	-53.01	2.39956G	-38.91	2.4G	-41.13	2.48362G	-43.01	16.98456G	-42.64	1

802.11n HT40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	1.95	-28.05	2.12163G	-54.08	2.39952G	-51.71	2.4835G	-39.37	2.48466G	-36.02	16.88921G	-42.14	1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	317.12M	42.70	46.00	-3.30	3	Horizontal	360	1.00	-

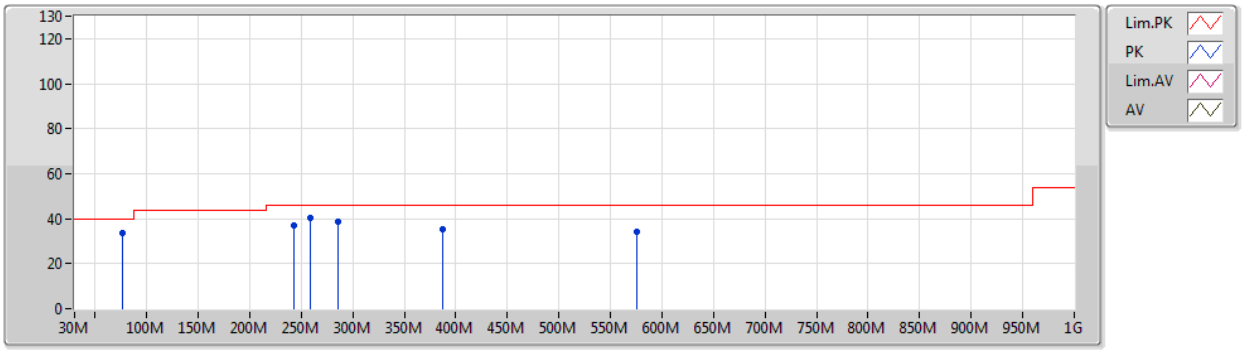
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	76.56M	33.77	40.00	-6.23	3	Vertical	0	1.00	-
2437MHz	Pass	PK	243.4M	37.15	46.00	-8.85	3	Vertical	0	1.00	-
2437MHz	Pass	PK	258.92M	40.27	46.00	-5.73	3	Vertical	0	1.00	-
2437MHz	Pass	PK	286.08M	38.88	46.00	-7.12	3	Vertical	0	1.00	-
2437MHz	Pass	PK	386.96M	35.42	46.00	-10.58	3	Vertical	0	1.00	-
2437MHz	Pass	PK	575.14M	33.91	46.00	-12.09	3	Vertical	0	1.00	-
2437MHz	Pass	PK	62.98M	36.23	40.00	-3.77	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	299.66M	40.50	46.00	-5.50	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	317.12M	42.70	46.00	-3.30	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	357.86M	37.53	46.00	-8.47	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	476.2M	35.13	46.00	-10.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	825.4M	35.82	46.00	-10.18	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Adapter

14/07/2020

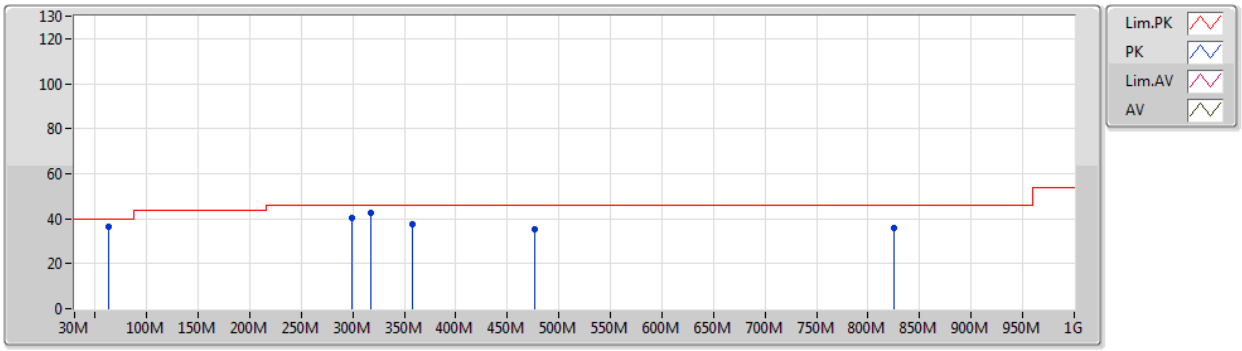


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
PK	76.56M	33.77	40.00	-6.23	-24.38	3	Vertical	0	1.00	-	58.15	11.87	0.70	36.95
PK	243.4M	37.15	46.00	-8.85	-18.40	3	Vertical	0	1.00	-	55.55	16.75	1.27	36.42
PK	258.92M	40.27	46.00	-5.73	-16.06	3	Vertical	0	1.00	-	56.33	19.05	1.32	36.43
PK	286.08M	38.88	46.00	-7.12	-17.07	3	Vertical	0	1.00	-	55.95	18.03	1.37	36.47
PK	386.96M	35.42	46.00	-10.58	-14.61	3	Vertical	0	1.00	-	50.03	20.35	1.65	36.61
PK	575.14M	33.91	46.00	-12.09	-10.05	3	Vertical	0	1.00	-	43.96	25.00	2.10	37.15

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_Adapter

14/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
PK	62.98M	36.23	40.00	-3.77	-25.64	3	Horizontal	360	1.00	-	61.87	10.82	0.60	37.06
PK	299.66M	40.50	46.00	-5.50	-16.72	3	Horizontal	360	1.00	-	57.22	18.23	1.40	36.35
PK	317.12M	42.70	46.00	-3.30	-16.62	3	Horizontal	360	1.00	-	59.32	18.45	1.43	36.50
PK	357.86M	37.53	46.00	-8.47	-15.35	3	Horizontal	360	1.00	-	52.88	19.68	1.53	36.56
PK	476.2M	35.13	46.00	-10.87	-12.35	3	Horizontal	360	1.00	-	47.48	22.65	1.85	36.85
PK	825.4M	35.82	46.00	-10.18	-7.73	3	Horizontal	360	1.00	-	43.55	27.12	2.65	37.50

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	4.824G	53.81	54.00	-0.19	3	Horizontal	190	1.00	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	4.92401G	53.78	54.00	-0.22	3	Vertical	324	2.82	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	4.82398G	53.37	54.00	-0.63	3	Horizontal	173	1.02	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	4.90403G	53.48	54.00	-0.52	3	Horizontal	97	2.57	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	44.83	54.00	-9.17	3	Vertical	360	1.34	-
2412MHz	Pass	AV	2.4112G	101.09	Inf	-Inf	3	Vertical	360	1.34	-
2412MHz	Pass	PK	2.3847G	58.98	74.00	-15.02	3	Vertical	360	1.34	-
2412MHz	Pass	PK	2.4122G	103.90	Inf	-Inf	3	Vertical	360	1.34	-
2412MHz	Pass	AV	2.3899G	44.47	54.00	-9.53	3	Horizontal	70	1.03	-
2412MHz	Pass	AV	2.4113G	94.57	Inf	-Inf	3	Horizontal	70	1.03	-
2412MHz	Pass	PK	2.3814G	58.17	74.00	-15.83	3	Horizontal	70	1.03	-
2412MHz	Pass	PK	2.4117G	97.19	Inf	-Inf	3	Horizontal	70	1.03	-
2412MHz	Pass	AV	4.82398G	53.09	54.00	-0.91	3	Vertical	266	1.00	-
2412MHz	Pass	PK	4.82404G	55.71	74.00	-18.29	3	Vertical	266	1.00	-
2412MHz	Pass	AV	4.824G	53.81	54.00	-0.19	3	Horizontal	190	1.00	-
2412MHz	Pass	PK	4.82405G	57.08	74.00	-16.92	3	Horizontal	190	1.00	-
2437MHz	Pass	AV	2.3822G	44.56	54.00	-9.44	3	Vertical	356	1.09	-
2437MHz	Pass	AV	2.4362G	100.87	Inf	-Inf	3	Vertical	356	1.09	-
2437MHz	Pass	AV	2.498G	45.16	54.00	-8.84	3	Vertical	356	1.09	-
2437MHz	Pass	PK	2.3802G	57.98	74.00	-16.02	3	Vertical	356	1.09	-
2437MHz	Pass	PK	2.4378G	103.52	Inf	-Inf	3	Vertical	356	1.09	-
2437MHz	Pass	PK	2.4998G	58.64	74.00	-15.36	3	Vertical	356	1.09	-
2437MHz	Pass	AV	2.3494G	44.44	54.00	-9.56	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	2.4362G	95.51	Inf	-Inf	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	2.4982G	44.96	54.00	-9.04	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.3704G	58.05	74.00	-15.95	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.4372G	98.17	Inf	-Inf	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.4946G	57.90	74.00	-16.10	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	4.87396G	52.84	54.00	-1.16	3	Vertical	257	1.00	-
2437MHz	Pass	PK	4.87397G	55.99	74.00	-18.01	3	Vertical	257	1.00	-
2437MHz	Pass	AV	4.87398G	53.62	54.00	-0.38	3	Horizontal	174	1.00	-
2437MHz	Pass	PK	4.87397G	56.99	74.00	-17.01	3	Horizontal	174	1.00	-
2462MHz	Pass	AV	2.4613G	101.88	Inf	-Inf	3	Vertical	359	1.09	-
2462MHz	Pass	AV	2.4835G	45.54	54.00	-8.46	3	Vertical	359	1.09	-
2462MHz	Pass	PK	2.462G	104.69	Inf	-Inf	3	Vertical	359	1.09	-
2462MHz	Pass	PK	2.4885G	59.04	74.00	-14.96	3	Vertical	359	1.09	-
2462MHz	Pass	AV	2.4628G	96.43	Inf	-Inf	3	Horizontal	255	1.01	-
2462MHz	Pass	AV	2.4835G	44.99	54.00	-9.01	3	Horizontal	255	1.01	-
2462MHz	Pass	PK	2.4624G	99.27	Inf	-Inf	3	Horizontal	255	1.01	-
2462MHz	Pass	PK	2.4948G	58.73	74.00	-15.27	3	Horizontal	255	1.01	-
2462MHz	Pass	AV	4.924G	52.64	54.00	-1.36	3	Vertical	262	1.02	-
2462MHz	Pass	PK	4.92398G	56.46	74.00	-17.54	3	Vertical	262	1.02	-
2462MHz	Pass	AV	4.924G	53.24	54.00	-0.76	3	Horizontal	184	1.00	-
2462MHz	Pass	PK	4.92397G	56.62	74.00	-17.38	3	Horizontal	184	1.00	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3762G	45.60	54.00	-8.40	3	Vertical	360	1.33	-
2412MHz	Pass	AV	2.4144G	89.72	Inf	-Inf	3	Vertical	360	1.33	-
2412MHz	Pass	PK	2.3786G	58.03	74.00	-15.97	3	Vertical	360	1.33	-
2412MHz	Pass	PK	2.4092G	99.65	Inf	-Inf	3	Vertical	360	1.33	-
2412MHz	Pass	AV	2.3728G	45.47	54.00	-8.53	3	Horizontal	69	1.50	-
2412MHz	Pass	AV	2.4144G	83.04	Inf	-Inf	3	Horizontal	69	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3816G	57.87	74.00	-16.13	3	Horizontal	69	1.50	-
2412MHz	Pass	PK	2.4104G	92.40	Inf	-Inf	3	Horizontal	69	1.50	-
2412MHz	Pass	AV	4.82398G	47.79	54.00	-6.21	3	Vertical	266	1.00	-
2412MHz	Pass	PK	4.82393G	52.96	74.00	-21.04	3	Vertical	266	1.00	-
2412MHz	Pass	AV	4.82401G	49.01	54.00	-4.99	3	Horizontal	226	1.00	-
2412MHz	Pass	PK	4.8242G	55.25	74.00	-18.75	3	Horizontal	226	1.00	-
2417MHz	Pass	AV	2.3732G	45.36	54.00	-8.64	3	Vertical	13	1.03	-
2417MHz	Pass	AV	2.4194G	90.66	Inf	-Inf	3	Vertical	13	1.03	-
2417MHz	Pass	PK	2.3873G	58.23	74.00	-15.77	3	Vertical	13	1.03	-
2417MHz	Pass	PK	2.4185G	101.63	Inf	-Inf	3	Vertical	13	1.03	-
2417MHz	Pass	AV	2.3672G	45.16	54.00	-8.84	3	Horizontal	287	1.92	-
2417MHz	Pass	AV	2.4195G	74.63	Inf	-Inf	3	Horizontal	287	1.92	-
2417MHz	Pass	PK	2.3814G	58.41	74.00	-15.59	3	Horizontal	287	1.92	-
2417MHz	Pass	PK	2.4185G	85.38	Inf	-Inf	3	Horizontal	287	1.92	-
2417MHz	Pass	AV	4.83401G	48.43	54.00	-5.57	3	Vertical	264	1.00	-
2417MHz	Pass	PK	4.83411G	52.32	74.00	-21.68	3	Vertical	264	1.00	-
2417MHz	Pass	AV	4.83399G	48.86	54.00	-5.14	3	Horizontal	264	1.02	-
2417MHz	Pass	PK	4.834G	52.96	74.00	-21.04	3	Horizontal	264	1.02	-
2437MHz	Pass	AV	2.3514G	45.68	54.00	-8.32	3	Vertical	355	1.50	-
2437MHz	Pass	AV	2.4402G	95.89	Inf	-Inf	3	Vertical	355	1.50	-
2437MHz	Pass	AV	2.4858G	46.19	54.00	-7.81	3	Vertical	355	1.50	-
2437MHz	Pass	PK	2.3542G	58.22	74.00	-15.78	3	Vertical	355	1.50	-
2437MHz	Pass	PK	2.4402G	105.32	Inf	-Inf	3	Vertical	355	1.50	-
2437MHz	Pass	PK	2.4878G	58.65	74.00	-15.35	3	Vertical	355	1.50	-
2437MHz	Pass	AV	2.339G	45.55	54.00	-8.45	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	2.4394G	90.40	Inf	-Inf	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	2.4986G	45.95	54.00	-8.05	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.3478G	58.43	74.00	-15.57	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.4394G	100.11	Inf	-Inf	3	Horizontal	256	1.26	-
2437MHz	Pass	PK	2.4934G	57.75	74.00	-16.25	3	Horizontal	256	1.26	-
2437MHz	Pass	AV	4.87401G	52.74	54.00	-1.26	3	Horizontal	204	1.07	-
2437MHz	Pass	PK	4.87388G	58.61	74.00	-15.39	3	Horizontal	204	1.07	-
2457MHz	Pass	AV	2.46G	92.94	Inf	-Inf	3	Vertical	360	1.21	-
2457MHz	Pass	AV	2.4975G	45.85	54.00	-8.15	3	Vertical	360	1.21	-
2457MHz	Pass	PK	2.4502G	102.74	Inf	-Inf	3	Vertical	360	1.21	-
2457MHz	Pass	PK	2.488G	58.03	74.00	-15.97	3	Vertical	360	1.21	-
2457MHz	Pass	AV	2.46G	86.12	Inf	-Inf	3	Horizontal	213	1.01	-
2457MHz	Pass	AV	2.4942G	45.81	54.00	-8.19	3	Horizontal	213	1.01	-
2457MHz	Pass	PK	2.4503G	96.01	Inf	-Inf	3	Horizontal	213	1.01	-
2457MHz	Pass	PK	2.4874G	58.52	74.00	-15.48	3	Horizontal	213	1.01	-
2457MHz	Pass	AV	4.91399G	49.93	54.00	-4.07	3	Vertical	260	1.00	-
2457MHz	Pass	PK	4.9139G	54.63	74.00	-19.37	3	Vertical	260	1.00	-
2457MHz	Pass	AV	4.91401G	53.29	54.00	-0.71	3	Horizontal	264	1.03	-
2457MHz	Pass	PK	4.91398G	57.59	74.00	-16.41	3	Horizontal	264	1.03	-
2462MHz	Pass	AV	2.4588G	95.66	Inf	-Inf	3	Vertical	0	1.10	-
2462MHz	Pass	AV	2.4844G	50.13	54.00	-3.87	3	Vertical	0	1.10	-
2462MHz	Pass	PK	2.4642G	104.28	Inf	-Inf	3	Vertical	0	1.10	-
2462MHz	Pass	PK	2.497G	60.97	74.00	-13.03	3	Vertical	0	1.10	-
2462MHz	Pass	AV	2.4656G	90.76	Inf	-Inf	3	Horizontal	114	1.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	2.4835G	49.66	54.00	-4.34	3	Horizontal	114	1.04	-
2462MHz	Pass	PK	2.4684G	99.58	Inf	-Inf	3	Horizontal	114	1.04	-
2462MHz	Pass	PK	2.4924G	60.86	74.00	-13.14	3	Horizontal	114	1.04	-
2462MHz	Pass	AV	4.92401G	53.78	54.00	-0.22	3	Vertical	324	2.82	-
2462MHz	Pass	PK	4.92412G	58.45	74.00	-15.55	3	Vertical	324	2.82	-
2462MHz	Pass	AV	4.92392G	52.81	54.00	-1.19	3	Horizontal	340	3.00	-
2462MHz	Pass	PK	4.92404G	57.88	74.00	-16.12	3	Horizontal	340	3.00	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.389G	46.78	54.00	-7.22	3	Vertical	359	1.33	-
2412MHz	Pass	AV	2.415G	94.72	Inf	-Inf	3	Vertical	359	1.33	-
2412MHz	Pass	PK	2.3882G	61.21	74.00	-12.79	3	Vertical	359	1.33	-
2412MHz	Pass	PK	2.4142G	104.08	Inf	-Inf	3	Vertical	359	1.33	-
2412MHz	Pass	AV	2.3898G	45.38	54.00	-8.62	3	Horizontal	68	1.50	-
2412MHz	Pass	AV	2.415G	87.84	Inf	-Inf	3	Horizontal	68	1.50	-
2412MHz	Pass	PK	2.3714G	58.35	74.00	-15.65	3	Horizontal	68	1.50	-
2412MHz	Pass	PK	2.4154G	97.27	Inf	-Inf	3	Horizontal	68	1.50	-
2412MHz	Pass	AV	4.82398G	52.52	54.00	-1.48	3	Vertical	265	1.00	-
2412MHz	Pass	PK	4.82401G	58.31	74.00	-15.69	3	Vertical	265	1.00	-
2412MHz	Pass	AV	4.82398G	53.37	54.00	-0.63	3	Horizontal	173	1.02	-
2412MHz	Pass	PK	4.8239G	59.97	74.00	-14.03	3	Horizontal	173	1.02	-
2437MHz	Pass	AV	2.387G	45.65	54.00	-8.35	3	Vertical	353	1.50	-
2437MHz	Pass	AV	2.4422G	95.31	Inf	-Inf	3	Vertical	353	1.50	-
2437MHz	Pass	AV	2.4938G	46.09	54.00	-7.91	3	Vertical	353	1.50	-
2437MHz	Pass	PK	2.3798G	58.27	74.00	-15.73	3	Vertical	353	1.50	-
2437MHz	Pass	PK	2.4402G	106.20	Inf	-Inf	3	Vertical	353	1.50	-
2437MHz	Pass	PK	2.4982G	58.55	74.00	-15.45	3	Vertical	353	1.50	-
2437MHz	Pass	AV	2.3698G	45.40	54.00	-8.60	3	Horizontal	28	1.46	-
2437MHz	Pass	AV	2.4426G	88.34	Inf	-Inf	3	Horizontal	28	1.46	-
2437MHz	Pass	AV	2.4858G	45.93	54.00	-8.07	3	Horizontal	28	1.46	-
2437MHz	Pass	PK	2.3582G	58.11	74.00	-15.89	3	Horizontal	28	1.46	-
2437MHz	Pass	PK	2.4402G	99.15	Inf	-Inf	3	Horizontal	28	1.46	-
2437MHz	Pass	PK	2.4926G	58.50	74.00	-15.50	3	Horizontal	28	1.46	-
2437MHz	Pass	AV	4.87403G	52.08	54.00	-1.92	3	Vertical	265	1.00	-
2437MHz	Pass	PK	4.87424G	58.20	74.00	-15.80	3	Vertical	265	1.00	-
2437MHz	Pass	AV	4.874G	52.32	54.00	-1.68	3	Horizontal	173	1.00	-
2437MHz	Pass	PK	4.87399G	59.02	74.00	-14.98	3	Horizontal	173	1.00	-
2462MHz	Pass	AV	2.4642G	96.01	Inf	-Inf	3	Vertical	356	1.08	-
2462MHz	Pass	AV	2.4835G	50.59	54.00	-3.41	3	Vertical	356	1.08	-
2462MHz	Pass	PK	2.4566G	105.65	Inf	-Inf	3	Vertical	356	1.08	-
2462MHz	Pass	PK	2.4836G	67.23	74.00	-6.77	3	Vertical	356	1.08	-
2462MHz	Pass	AV	2.4642G	90.64	Inf	-Inf	3	Horizontal	255	1.00	-
2462MHz	Pass	AV	2.4835G	47.54	54.00	-6.46	3	Horizontal	255	1.00	-
2462MHz	Pass	PK	2.4566G	100.45	Inf	-Inf	3	Horizontal	255	1.00	-
2462MHz	Pass	PK	2.4836G	65.22	74.00	-8.78	3	Horizontal	255	1.00	-
2462MHz	Pass	AV	4.92396G	52.19	54.00	-1.81	3	Vertical	262	1.03	-
2462MHz	Pass	PK	4.92411G	58.44	74.00	-15.56	3	Vertical	262	1.03	-
2462MHz	Pass	AV	4.92397G	52.37	54.00	-1.63	3	Horizontal	183	1.00	-
2462MHz	Pass	PK	4.92398G	59.00	74.00	-15.00	3	Horizontal	183	1.00	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-

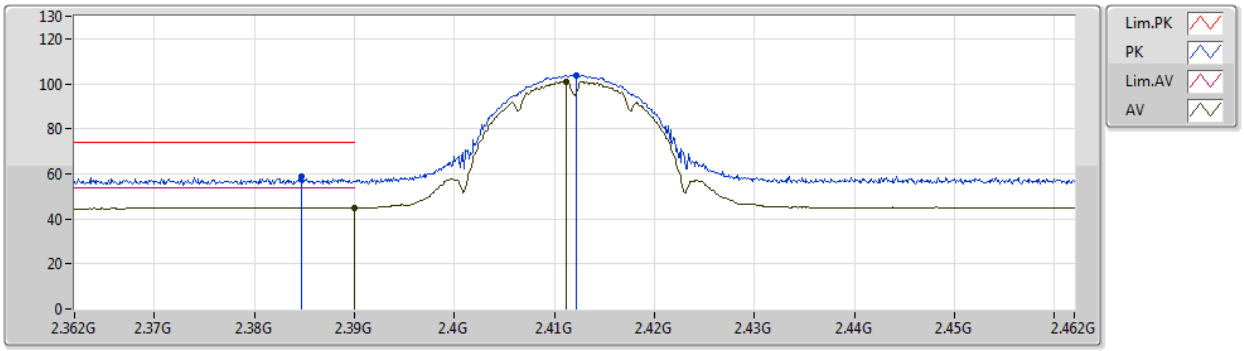
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	AV	2.3896G	50.78	54.00	-3.22	3	Vertical	10	1.03	-
2422MHz	Pass	AV	2.428G	92.98	Inf	-Inf	3	Vertical	10	1.03	-
2422MHz	Pass	AV	2.494G	47.12	54.00	-6.88	3	Vertical	10	1.03	-
2422MHz	Pass	PK	2.386G	61.96	74.00	-12.04	3	Vertical	10	1.03	-
2422MHz	Pass	PK	2.4272G	102.31	Inf	-Inf	3	Vertical	10	1.03	-
2422MHz	Pass	PK	2.4848G	58.59	74.00	-15.41	3	Vertical	10	1.03	-
2422MHz	Pass	AV	2.39G	47.17	54.00	-6.83	3	Horizontal	72	1.00	-
2422MHz	Pass	AV	2.428G	85.97	Inf	-Inf	3	Horizontal	72	1.00	-
2422MHz	Pass	AV	2.4904G	46.55	54.00	-7.45	3	Horizontal	72	1.00	-
2422MHz	Pass	PK	2.3872G	59.46	74.00	-14.54	3	Horizontal	72	1.00	-
2422MHz	Pass	PK	2.4272G	95.37	Inf	-Inf	3	Horizontal	72	1.00	-
2422MHz	Pass	PK	2.4848G	58.48	74.00	-15.52	3	Horizontal	72	1.00	-
2422MHz	Pass	AV	4.84401G	51.53	54.00	-2.47	3	Vertical	265	1.02	-
2422MHz	Pass	PK	4.84387G	57.17	74.00	-16.83	3	Vertical	265	1.02	-
2422MHz	Pass	AV	4.84402G	51.90	54.00	-2.10	3	Horizontal	176	1.00	-
2422MHz	Pass	PK	4.8439G	56.88	74.00	-17.12	3	Horizontal	176	1.00	-
2437MHz	Pass	AV	2.389G	46.99	54.00	-7.01	3	Vertical	352	1.50	-
2437MHz	Pass	AV	2.4422G	93.06	Inf	-Inf	3	Vertical	352	1.50	-
2437MHz	Pass	AV	2.4835G	49.67	54.00	-4.33	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.389G	59.00	74.00	-15.00	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.4426G	102.82	Inf	-Inf	3	Vertical	352	1.50	-
2437MHz	Pass	PK	2.4835G	65.42	74.00	-8.58	3	Vertical	352	1.50	-
2437MHz	Pass	AV	2.3894G	46.53	54.00	-7.47	3	Horizontal	28	1.45	-
2437MHz	Pass	AV	2.4422G	86.09	Inf	-Inf	3	Horizontal	28	1.45	-
2437MHz	Pass	AV	2.4838G	46.90	54.00	-7.10	3	Horizontal	28	1.45	-
2437MHz	Pass	PK	2.365G	57.82	74.00	-16.18	3	Horizontal	28	1.45	-
2437MHz	Pass	PK	2.4426G	95.95	Inf	-Inf	3	Horizontal	28	1.45	-
2437MHz	Pass	PK	2.4835G	59.86	74.00	-14.14	3	Horizontal	28	1.45	-
2437MHz	Pass	AV	4.87401G	52.07	54.00	-1.93	3	Vertical	257	1.00	-
2437MHz	Pass	PK	4.87403G	58.68	74.00	-15.32	3	Vertical	257	1.00	-
2437MHz	Pass	AV	4.87399G	52.42	54.00	-1.58	3	Horizontal	174	1.00	-
2437MHz	Pass	PK	4.87402G	59.03	74.00	-14.97	3	Horizontal	174	1.00	-
2447MHz	Pass	AV	2.389G	46.52	54.00	-7.48	3	Vertical	360	1.23	-
2447MHz	Pass	AV	2.4526G	92.86	Inf	-Inf	3	Vertical	360	1.23	-
2447MHz	Pass	AV	2.4846G	53.29	54.00	-0.71	3	Vertical	360	1.23	-
2447MHz	Pass	PK	2.3602G	58.09	74.00	-15.91	3	Vertical	360	1.23	-
2447MHz	Pass	PK	2.4418G	102.52	Inf	-Inf	3	Vertical	360	1.23	-
2447MHz	Pass	PK	2.4835G	68.08	74.00	-5.92	3	Vertical	360	1.23	-
2447MHz	Pass	AV	2.3802G	46.05	54.00	-7.95	3	Horizontal	25	1.50	-
2447MHz	Pass	AV	2.4494G	82.61	Inf	-Inf	3	Horizontal	25	1.50	-
2447MHz	Pass	AV	2.4846G	47.15	54.00	-6.85	3	Horizontal	25	1.50	-
2447MHz	Pass	PK	2.3646G	57.13	74.00	-16.87	3	Horizontal	25	1.50	-
2447MHz	Pass	PK	2.4418G	91.98	Inf	-Inf	3	Horizontal	25	1.50	-
2447MHz	Pass	PK	2.4835G	59.62	74.00	-14.38	3	Horizontal	25	1.50	-
2447MHz	Pass	AV	4.894G	51.80	54.00	-2.20	3	Vertical	263	1.00	-
2447MHz	Pass	PK	4.894G	56.84	74.00	-17.16	3	Vertical	263	1.00	-
2447MHz	Pass	AV	4.894G	53.24	54.00	-0.76	3	Horizontal	273	1.00	-
2447MHz	Pass	PK	4.89396G	57.69	74.00	-16.31	3	Horizontal	273	1.00	-
2452MHz	Pass	AV	2.3848G	46.47	54.00	-7.53	3	Vertical	355	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.4588G	91.67	Inf	-Inf	3	Vertical	355	1.02	-
2452MHz	Pass	AV	2.4835G	53.28	54.00	-0.72	3	Vertical	355	1.02	-
2452MHz	Pass	PK	2.3832G	58.23	74.00	-15.77	3	Vertical	355	1.02	-
2452MHz	Pass	PK	2.4592G	101.04	Inf	-Inf	3	Vertical	355	1.02	-
2452MHz	Pass	PK	2.484G	69.17	74.00	-4.83	3	Vertical	355	1.02	-
2452MHz	Pass	AV	2.378G	46.23	54.00	-7.77	3	Horizontal	28	1.45	-
2452MHz	Pass	AV	2.446G	85.02	Inf	-Inf	3	Horizontal	28	1.45	-
2452MHz	Pass	AV	2.4848G	48.20	54.00	-5.80	3	Horizontal	28	1.45	-
2452MHz	Pass	PK	2.3772G	58.17	74.00	-15.83	3	Horizontal	28	1.45	-
2452MHz	Pass	PK	2.446G	93.79	Inf	-Inf	3	Horizontal	28	1.45	-
2452MHz	Pass	PK	2.4835G	61.11	74.00	-12.89	3	Horizontal	28	1.45	-
2452MHz	Pass	AV	4.90398G	52.65	54.00	-1.35	3	Vertical	263	1.00	-
2452MHz	Pass	PK	4.90396G	57.15	74.00	-16.85	3	Vertical	263	1.00	-
2452MHz	Pass	AV	4.90403G	53.48	54.00	-0.52	3	Horizontal	97	2.57	-
2452MHz	Pass	PK	4.90384G	58.86	74.00	-15.14	3	Horizontal	97	2.57	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

13/07/2020

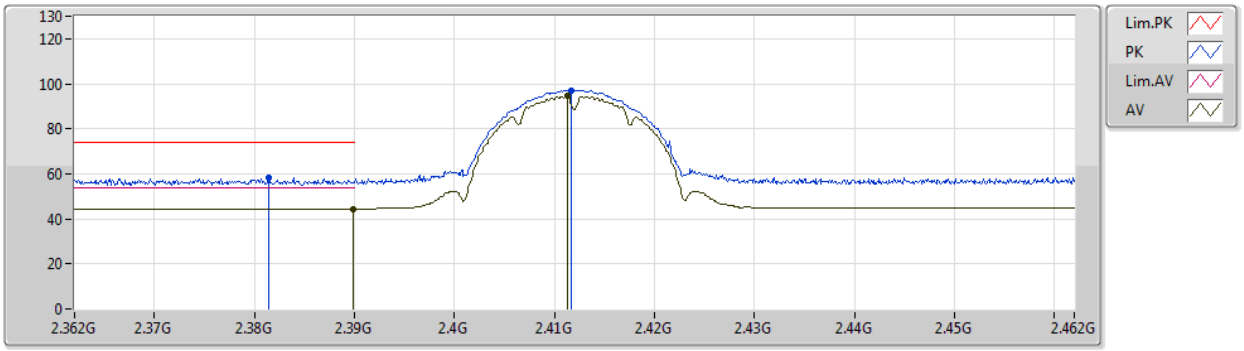


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.39G	44.83	54.00	-9.17	32.72	3	Vertical	360	1.34	-	12.11	27.64	5.08	-
AV	2.4112G	101.09	Inf	-Inf	32.72	3	Vertical	360	1.34	-	68.37	27.60	5.12	-
PK	2.3847G	58.98	74.00	-15.02	32.73	3	Vertical	360	1.34	-	26.25	27.66	5.07	-
PK	2.4122G	103.90	Inf	-Inf	32.72	3	Vertical	360	1.34	-	71.18	27.60	5.12	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

13/07/2020

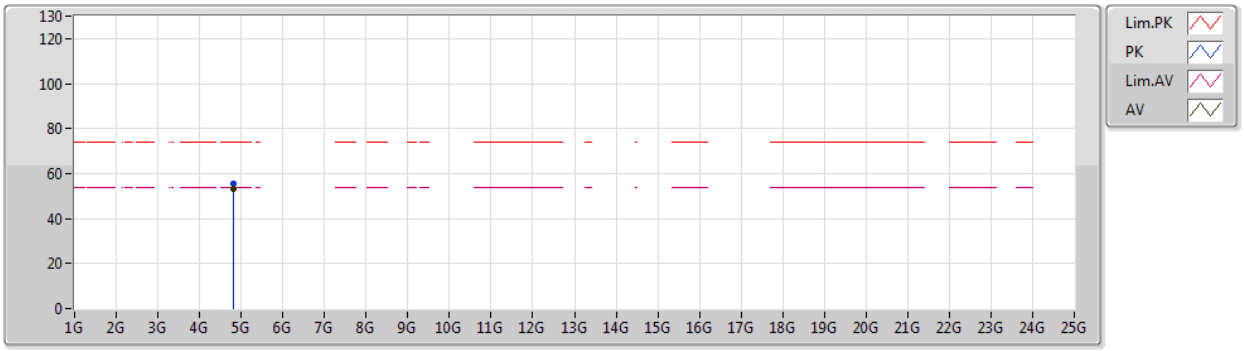


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3899G	44.47	54.00	-9.53	32.72	3	Horizontal	70	1.03	-	11.75	27.64	5.08	-
AV	2.4113G	94.57	Inf	-Inf	32.72	3	Horizontal	70	1.03	-	61.85	27.60	5.12	-
PK	2.3814G	58.17	74.00	-15.83	32.73	3	Horizontal	70	1.03	-	25.44	27.67	5.06	-
PK	2.4117G	97.19	Inf	-Inf	32.72	3	Horizontal	70	1.03	-	64.47	27.60	5.12	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

13/07/2020

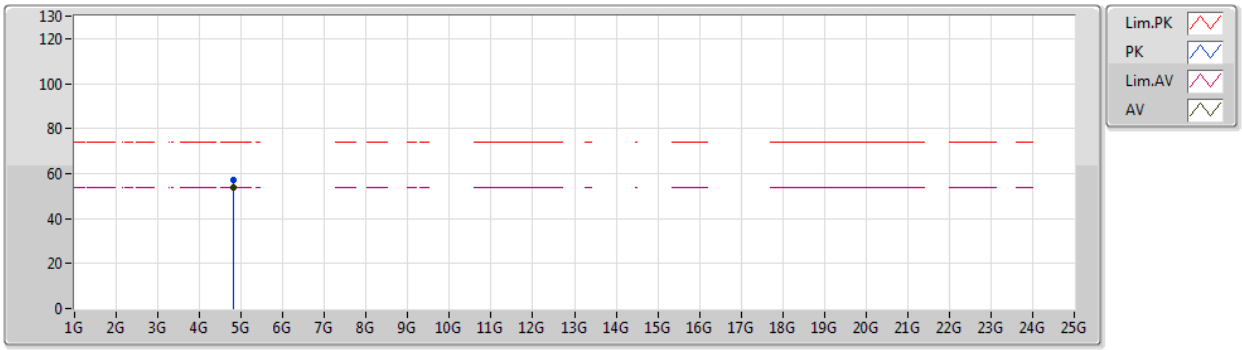


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.82398G	53.09	54.00	-0.91	4.23	3	Vertical	266	1.00	-	48.86	31.20	7.32	34.29
PK	4.82404G	55.71	74.00	-18.29	4.23	3	Vertical	266	1.00	-	51.48	31.20	7.32	34.29

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

13/07/2020

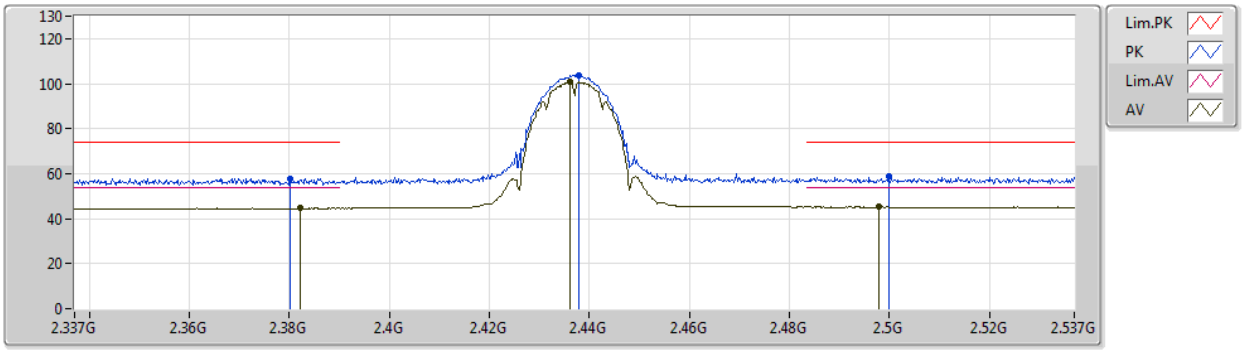


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.824G	53.81	54.00	-0.19	4.23	3	Horizontal	190	1.00	-	49.58	31.20	7.32	34.29
PK	4.82405G	57.08	74.00	-16.92	4.23	3	Horizontal	190	1.00	-	52.85	31.20	7.32	34.29

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

13/07/2020

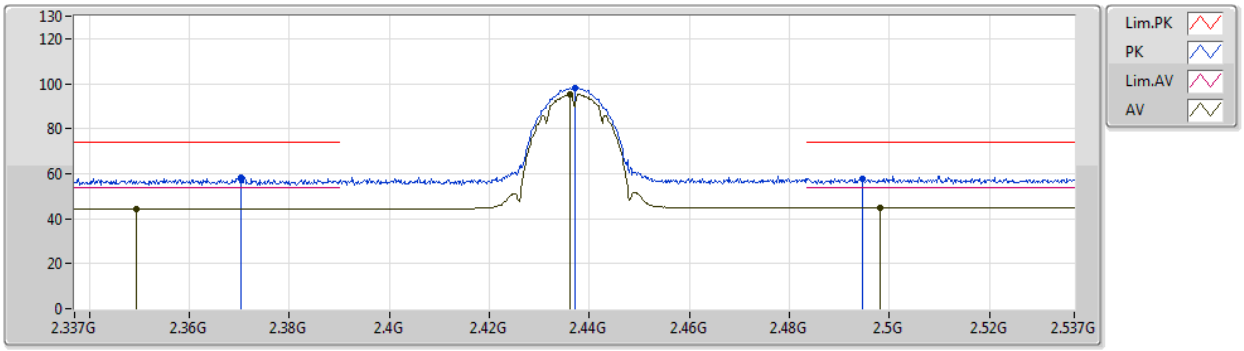


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3822G	44.56	54.00	-9.44	32.73	3	Vertical	356	1.09	-	11.83	27.67	5.06	-
AV	2.4362G	100.87	Inf	-Inf	32.75	3	Vertical	356	1.09	-	68.12	27.60	5.15	-
AV	2.498G	45.16	54.00	-8.84	32.85	3	Vertical	356	1.09	-	12.31	27.60	5.25	-
PK	2.3802G	57.98	74.00	-16.02	32.74	3	Vertical	356	1.09	-	25.24	27.68	5.06	-
PK	2.4378G	103.52	Inf	-Inf	32.76	3	Vertical	356	1.09	-	70.76	27.60	5.16	-
PK	2.4998G	58.64	74.00	-15.36	32.85	3	Vertical	356	1.09	-	25.79	27.60	5.25	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

13/07/2020

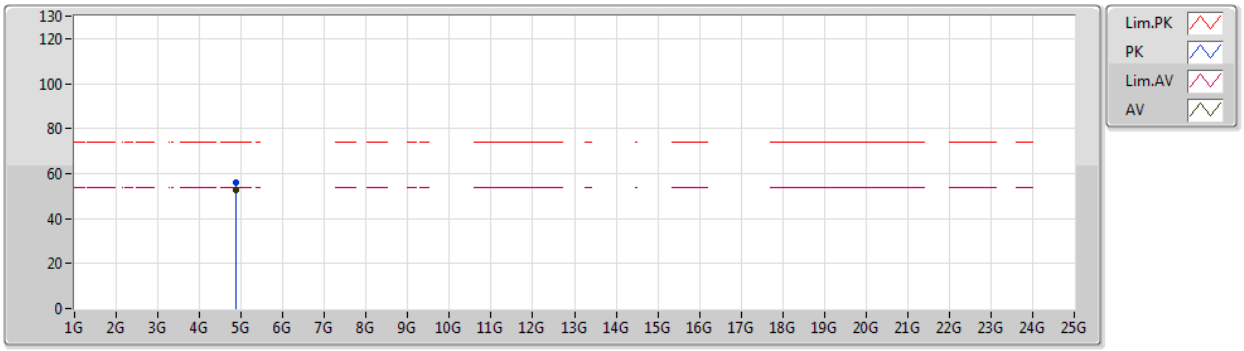


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3494G	44.44	54.00	-9.56	32.80	3	Horizontal	256	1.26	-	11.64	27.80	5.00	-
AV	2.4362G	95.51	Inf	-Inf	32.75	3	Horizontal	256	1.26	-	62.76	27.60	5.15	-
AV	2.4982G	44.96	54.00	-9.04	32.85	3	Horizontal	256	1.26	-	12.11	27.60	5.25	-
PK	2.3704G	58.05	74.00	-15.95	32.76	3	Horizontal	256	1.26	-	25.29	27.72	5.04	-
PK	2.4372G	98.17	Inf	-Inf	32.76	3	Horizontal	256	1.26	-	65.41	27.60	5.16	-
PK	2.4946G	57.90	74.00	-16.10	32.84	3	Horizontal	256	1.26	-	25.06	27.60	5.24	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

13/07/2020

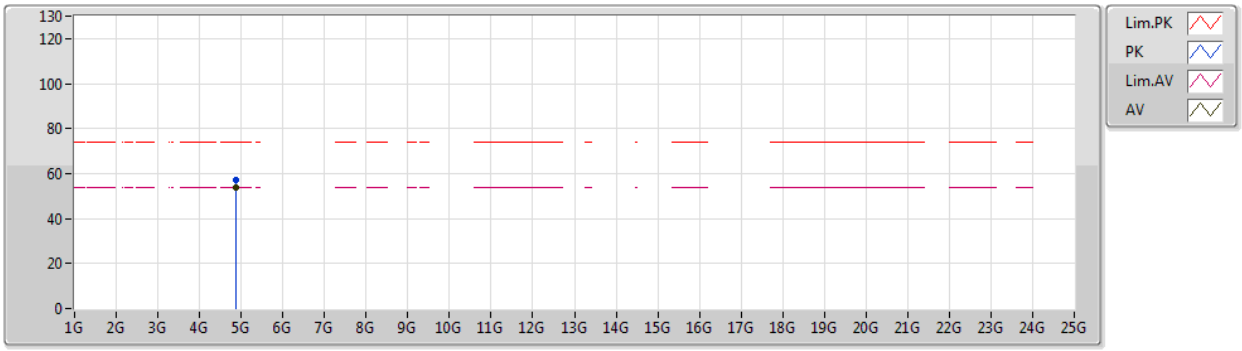


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.87396G	52.84	54.00	-1.16	4.34	3	Vertical	257	1.00	-	48.50	31.25	7.37	34.28
PK	4.87397G	55.99	74.00	-18.01	4.34	3	Vertical	257	1.00	-	51.65	31.25	7.37	34.28

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

13/07/2020

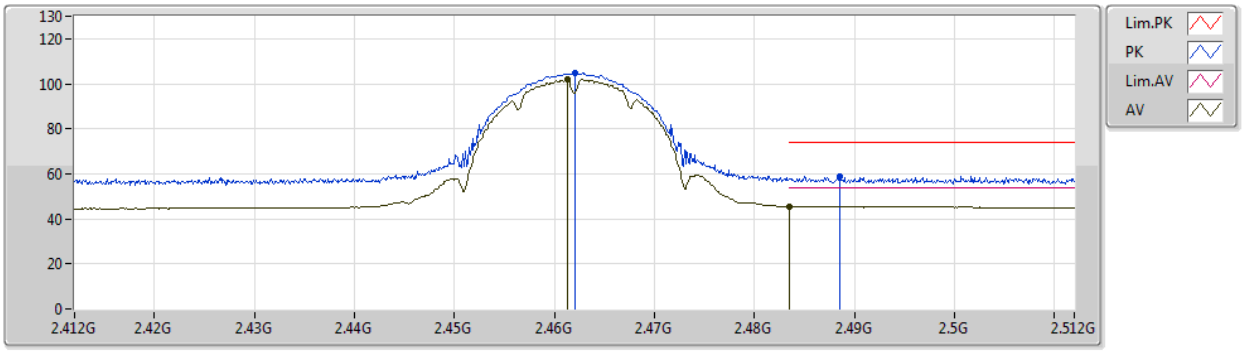


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.87398G	53.62	54.00	-0.38	4.34	3	Horizontal	174	1.00	-	49.28	31.25	7.37	34.28
PK	4.87397G	56.99	74.00	-17.01	4.34	3	Horizontal	174	1.00	-	52.65	31.25	7.37	34.28

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

13/07/2020

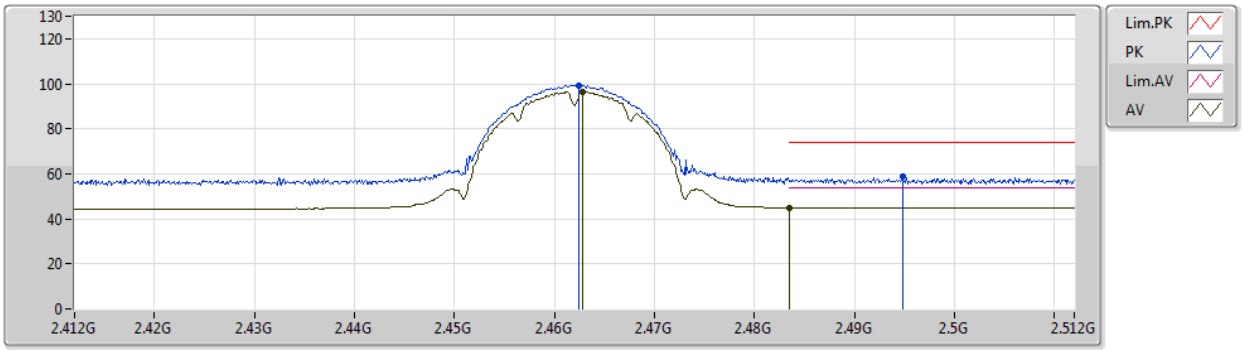


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4613G	101.88	Inf	-Inf	32.79	3	Vertical	359	1.09	-	69.09	27.60	5.19	-
AV	2.4835G	45.54	54.00	-8.46	32.83	3	Vertical	359	1.09	-	12.71	27.60	5.23	-
PK	2.462G	104.69	Inf	-Inf	32.79	3	Vertical	359	1.09	-	71.90	27.60	5.19	-
PK	2.4885G	59.04	74.00	-14.96	32.83	3	Vertical	359	1.09	-	26.21	27.60	5.23	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

13/07/2020

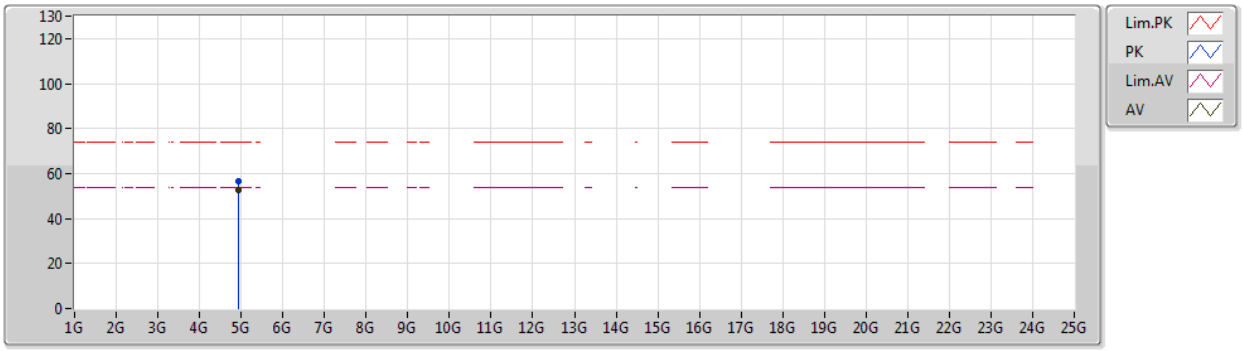


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4628G	96.43	Inf	-Inf	32.79	3	Horizontal	255	1.01	-	63.64	27.60	5.19	-
AV	2.4835G	44.99	54.00	-9.01	32.83	3	Horizontal	255	1.01	-	12.16	27.60	5.23	-
PK	2.4624G	99.27	Inf	-Inf	32.79	3	Horizontal	255	1.01	-	66.48	27.60	5.19	-
PK	2.4948G	58.73	74.00	-15.27	32.84	3	Horizontal	255	1.01	-	25.89	27.60	5.24	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

13/07/2020

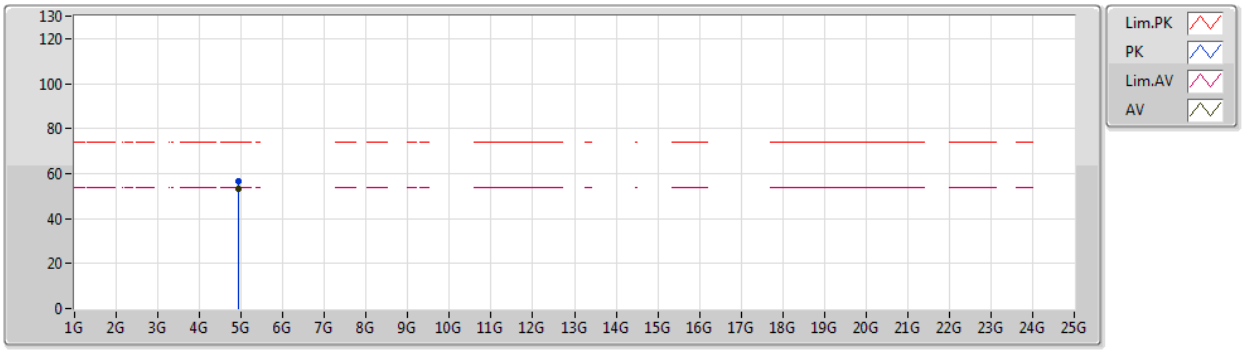


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.924G	52.64	54.00	-1.36	4.50	3	Vertical	262	1.02	-	48.14	31.30	7.42	34.22
PK	4.92398G	56.46	74.00	-17.54	4.50	3	Vertical	262	1.02	-	51.96	31.30	7.42	34.22

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

13/07/2020

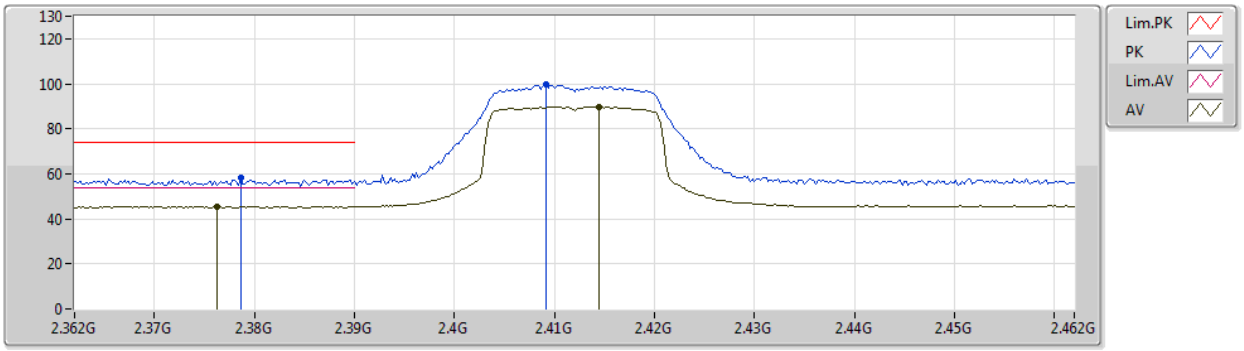


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.924G	53.24	54.00	-0.76	4.50	3	Horizontal	184	1.00	-	48.74	31.30	7.42	34.22
PK	4.92397G	56.62	74.00	-17.38	4.50	3	Horizontal	184	1.00	-	52.12	31.30	7.42	34.22

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

13/07/2020

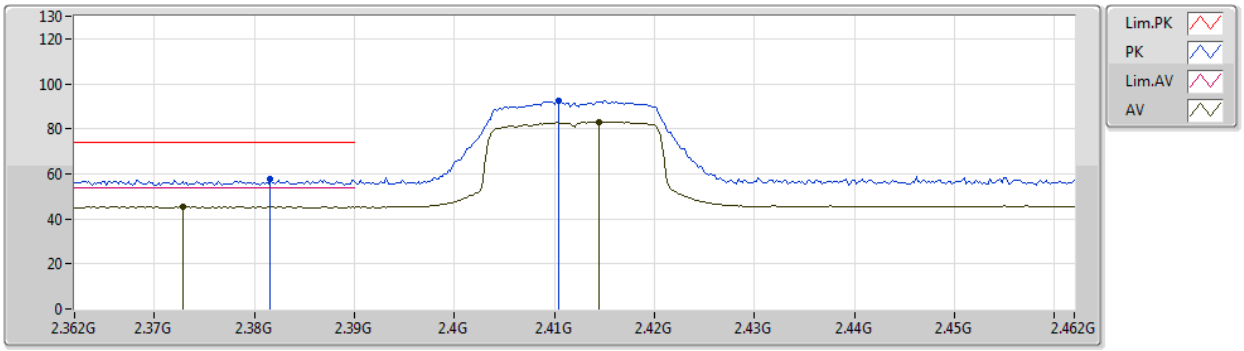


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3762G	45.60	54.00	-8.40	32.75	3	Vertical	360	1.33	-	12.85	27.70	5.05	-
AV	2.4144G	89.72	Inf	-Inf	32.72	3	Vertical	360	1.33	-	57.00	27.60	5.12	-
PK	2.3786G	58.03	74.00	-15.97	32.75	3	Vertical	360	1.33	-	25.28	27.69	5.06	-
PK	2.4092G	99.65	Inf	-Inf	32.71	3	Vertical	360	1.33	-	66.94	27.60	5.11	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

13/07/2020

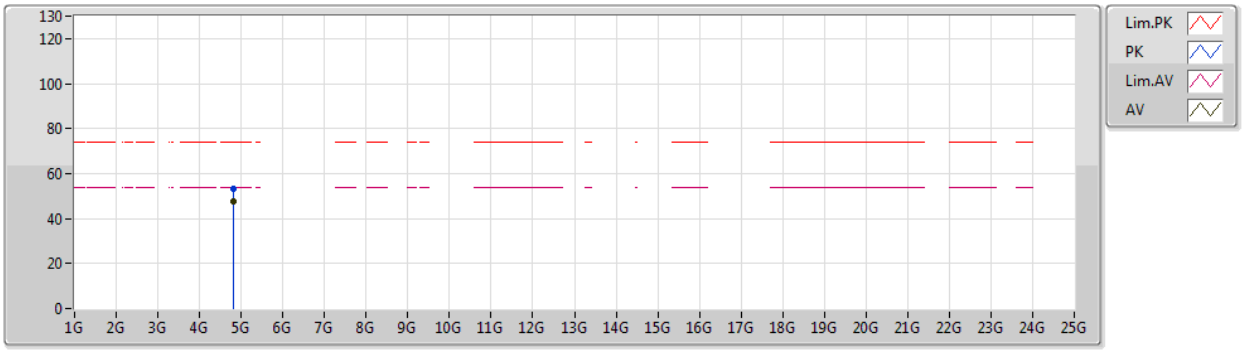


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3728G	45.47	54.00	-8.53	32.76	3	Horizontal	69	1.50	-	12.71	27.71	5.05	-
AV	2.4144G	83.04	Inf	-Inf	32.72	3	Horizontal	69	1.50	-	50.32	27.60	5.12	-
PK	2.3816G	57.87	74.00	-16.13	32.73	3	Horizontal	69	1.50	-	25.14	27.67	5.06	-
PK	2.4104G	92.40	Inf	-Inf	32.72	3	Horizontal	69	1.50	-	59.68	27.60	5.12	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

13/07/2020

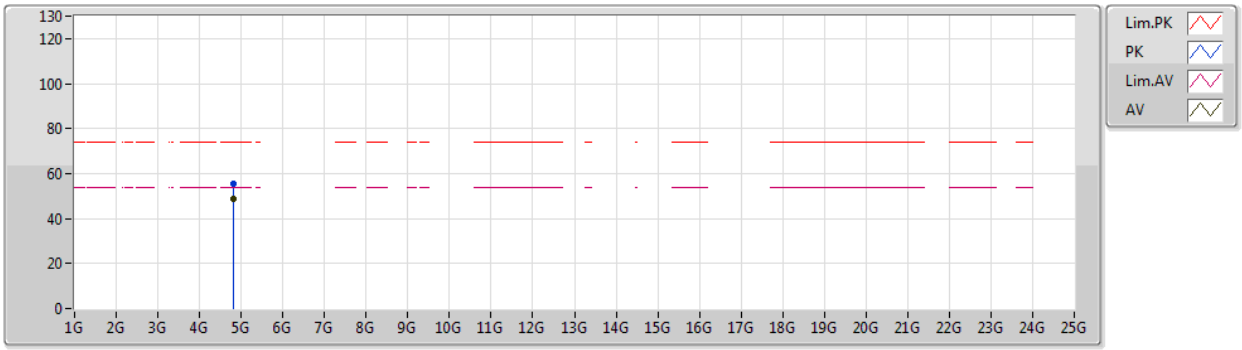


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.82398G	47.79	54.00	-6.21	4.23	3	Vertical	266	1.00	-	43.56	31.20	7.32	34.29
PK	4.82393G	52.96	74.00	-21.04	4.23	3	Vertical	266	1.00	-	48.73	31.20	7.32	34.29

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

13/07/2020

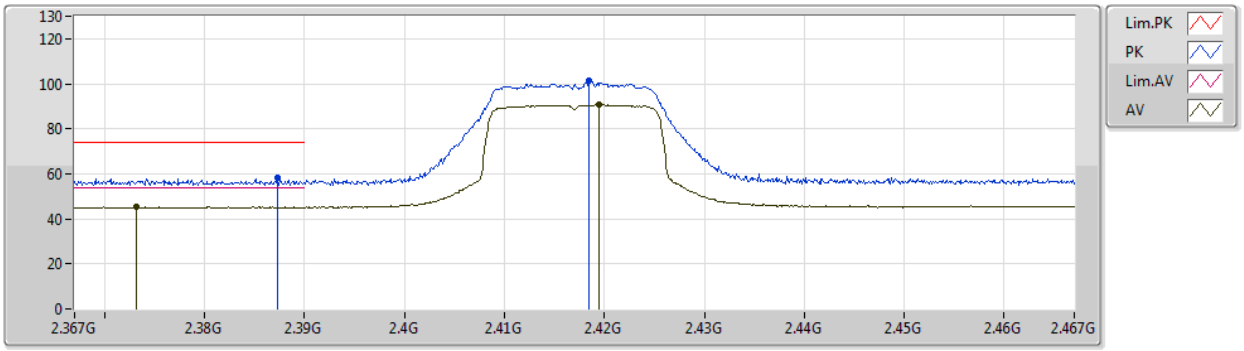


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.82401G	49.01	54.00	-4.99	4.23	3	Horizontal	226	1.00	-	44.78	31.20	7.32	34.29
PK	4.8242G	55.25	74.00	-18.75	4.23	3	Horizontal	226	1.00	-	51.02	31.20	7.32	34.29

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

13/07/2020

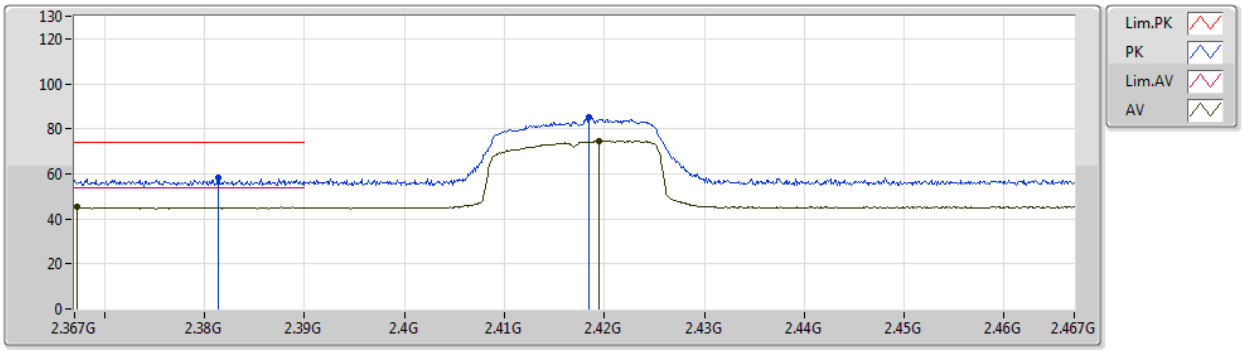


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3732G	45.36	54.00	-8.64	32.76	3	Vertical	13	1.03	-	12.60	27.71	5.05	-
AV	2.4194G	90.66	Inf	-Inf	32.73	3	Vertical	13	1.03	-	57.93	27.60	5.13	-
PK	2.3873G	58.23	74.00	-15.77	32.72	3	Vertical	13	1.03	-	25.51	27.65	5.07	-
PK	2.4185G	101.63	Inf	-Inf	32.73	3	Vertical	13	1.03	-	68.90	27.60	5.13	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

13/07/2020

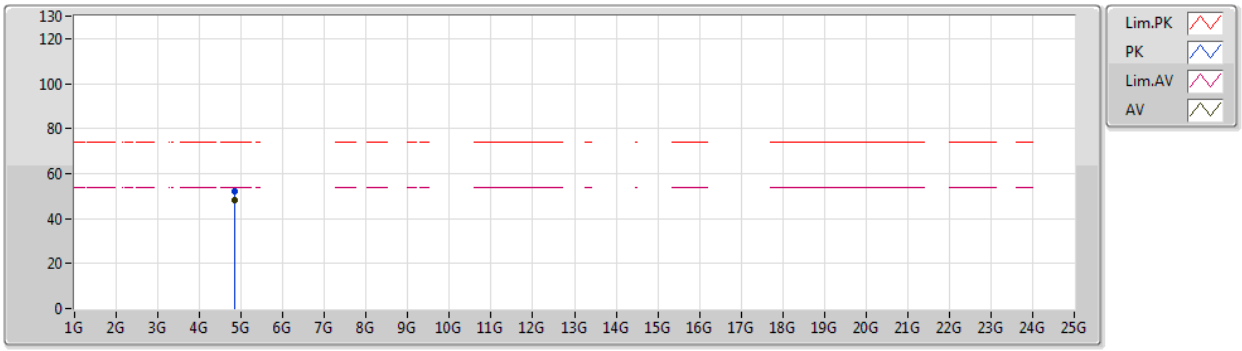


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3672G	45.16	54.00	-8.84	32.76	3	Horizontal	287	1.92	-	12.40	27.73	5.03	-
AV	2.4195G	74.63	Inf	-Inf	32.73	3	Horizontal	287	1.92	-	41.90	27.60	5.13	-
PK	2.3814G	58.41	74.00	-15.59	32.73	3	Horizontal	287	1.92	-	25.68	27.67	5.06	-
PK	2.4185G	85.38	Inf	-Inf	32.73	3	Horizontal	287	1.92	-	52.65	27.60	5.13	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

13/07/2020

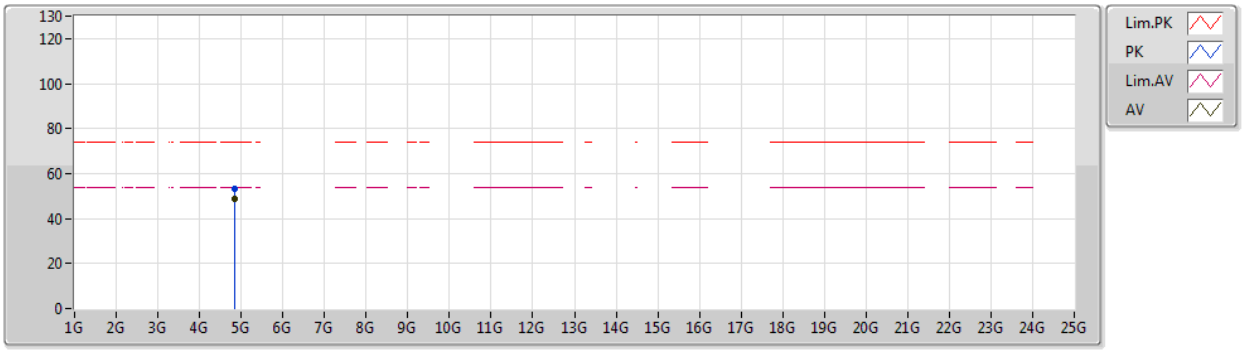


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.83401G	48.43	54.00	-5.57	4.28	3	Vertical	264	1.00	-	44.15	31.24	7.33	34.29
PK	4.83411G	52.32	74.00	-21.68	4.28	3	Vertical	264	1.00	-	48.04	31.24	7.33	34.29

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

13/07/2020

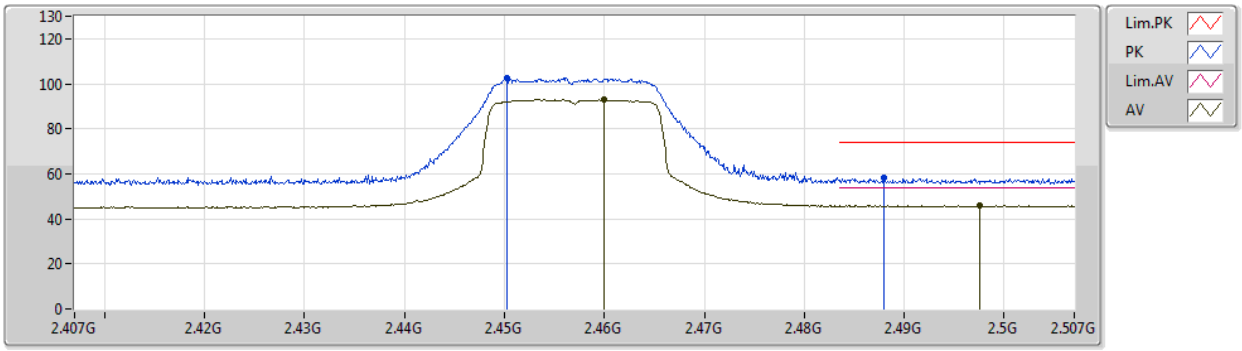


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.83399G	48.86	54.00	-5.14	4.28	3	Horizontal	264	1.02	-	44.58	31.24	7.33	34.29
PK	4.834G	52.96	74.00	-21.04	4.28	3	Horizontal	264	1.02	-	48.68	31.24	7.33	34.29

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

13/07/2020

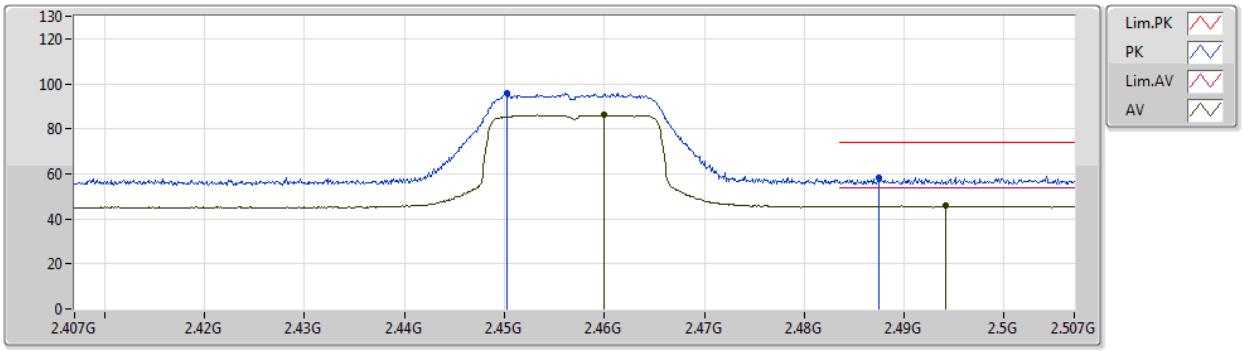


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.46G	92.94	Inf	-Inf	32.79	3	Vertical	360	1.21	-	60.15	27.60	5.19	-
AV	2.4975G	45.85	54.00	-8.15	32.85	3	Vertical	360	1.21	-	13.00	27.60	5.25	-
PK	2.4502G	102.74	Inf	-Inf	32.78	3	Vertical	360	1.21	-	69.96	27.60	5.18	-
PK	2.488G	58.03	74.00	-15.97	32.83	3	Vertical	360	1.21	-	25.20	27.60	5.23	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

13/07/2020

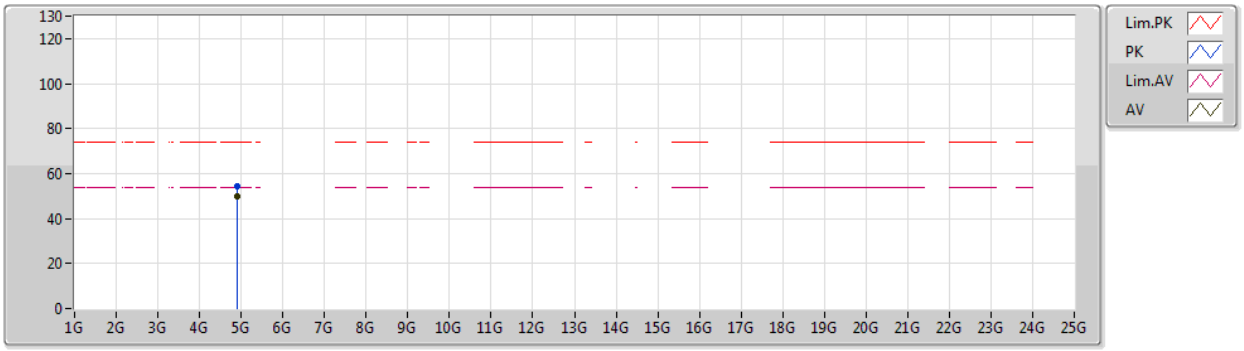


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.46G	86.12	Inf	-Inf	32.79	3	Horizontal	213	1.01	-	53.33	27.60	5.19	-
AV	2.4942G	45.81	54.00	-8.19	32.84	3	Horizontal	213	1.01	-	12.97	27.60	5.24	-
PK	2.4503G	96.01	Inf	-Inf	32.78	3	Horizontal	213	1.01	-	63.23	27.60	5.18	-
PK	2.4874G	58.52	74.00	-15.48	32.83	3	Horizontal	213	1.01	-	25.69	27.60	5.23	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

13/07/2020

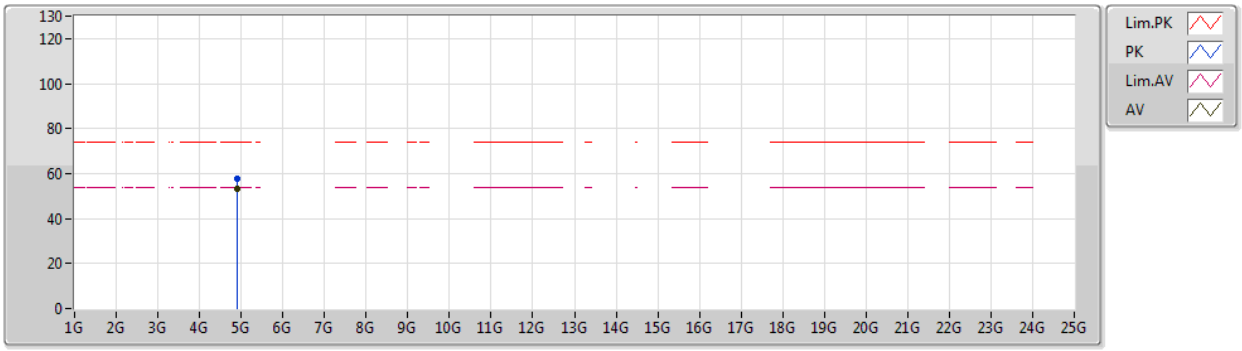


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.91399G	49.93	54.00	-4.07	4.43	3	Vertical	260	1.00	-	45.50	31.26	7.41	34.24
PK	4.9139G	54.63	74.00	-19.37	4.43	3	Vertical	260	1.00	-	50.20	31.26	7.41	34.24

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

13/07/2020

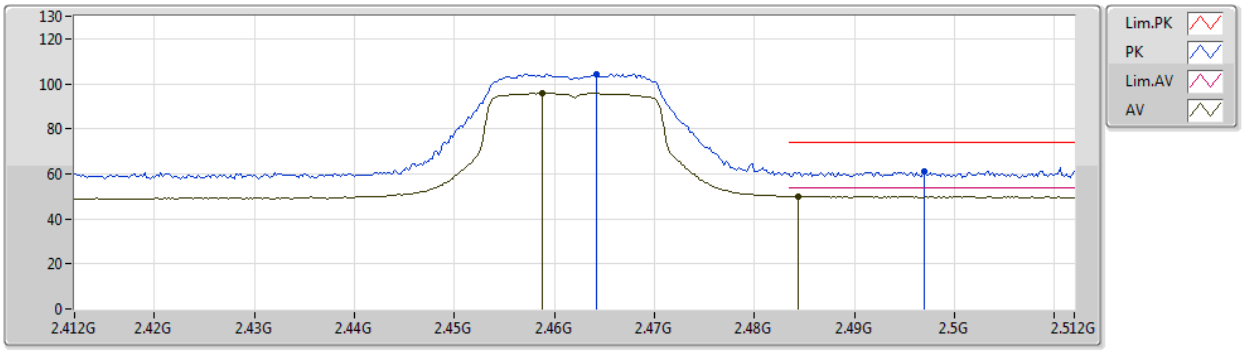


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.91401G	53.29	54.00	-0.71	4.43	3	Horizontal	264	1.03	-	48.86	31.26	7.41	34.24
PK	4.91398G	57.59	74.00	-16.41	4.43	3	Horizontal	264	1.03	-	53.16	31.26	7.41	34.24

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

21/07/2020

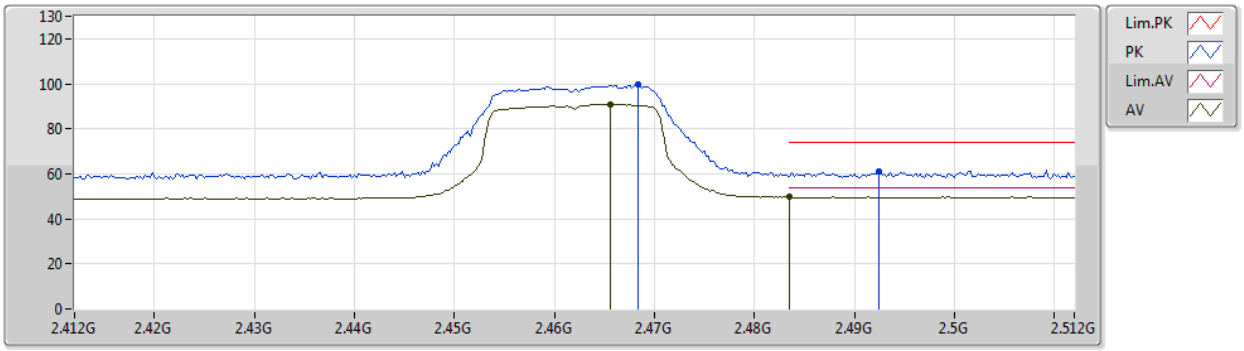


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4588G	95.66	Inf	-Inf	32.84	3	Vertical	0	1.10	-	62.82	27.48	5.36	-
AV	2.4844G	50.13	54.00	-3.87	32.81	3	Vertical	0	1.10	-	17.32	27.43	5.38	-
PK	2.4642G	104.28	Inf	-Inf	32.83	3	Vertical	0	1.10	-	71.45	27.47	5.36	-
PK	2.497G	60.97	74.00	-13.03	32.81	3	Vertical	0	1.10	-	28.16	27.41	5.40	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

21/07/2020

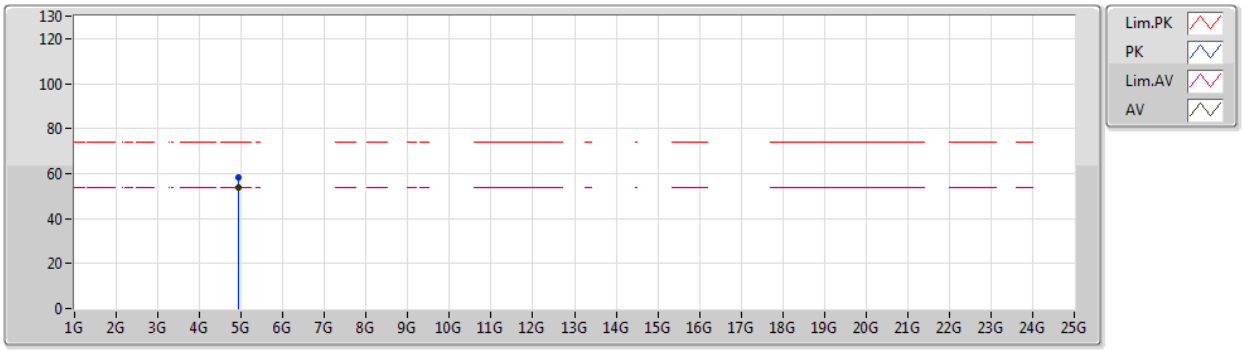


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4656G	90.76	Inf	-Inf	32.84	3	Horizontal	114	1.04	-	57.92	27.47	5.37	-
AV	2.4835G	49.66	54.00	-4.34	32.81	3	Horizontal	114	1.04	-	16.85	27.43	5.38	-
PK	2.4684G	99.58	Inf	-Inf	32.83	3	Horizontal	114	1.04	-	66.75	27.46	5.37	-
PK	2.4924G	60.86	74.00	-13.14	32.81	3	Horizontal	114	1.04	-	28.05	27.42	5.39	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

21/07/2020

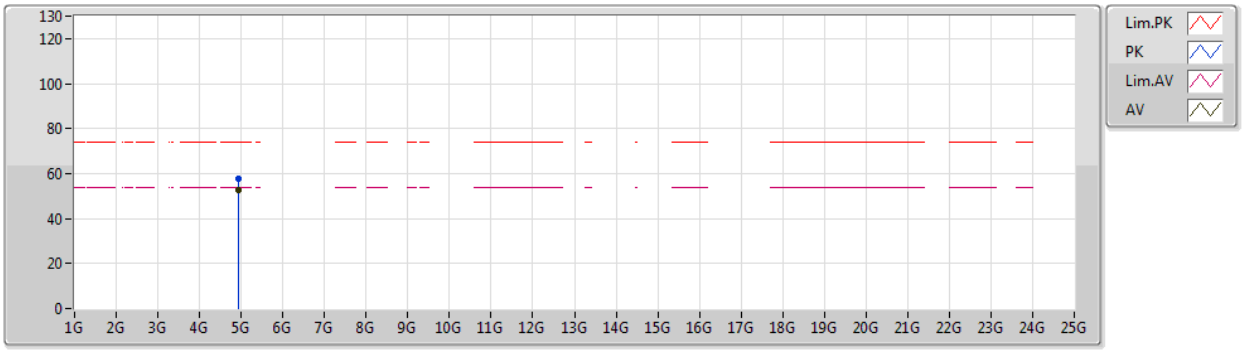


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.92401G	53.78	54.00	-0.22	8.96	3	Vertical	324	2.82	-	44.82	31.15	7.16	29.35
PK	4.92412G	58.45	74.00	-15.55	8.96	3	Vertical	324	2.82	-	49.49	31.15	7.16	29.35

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

21/07/2020

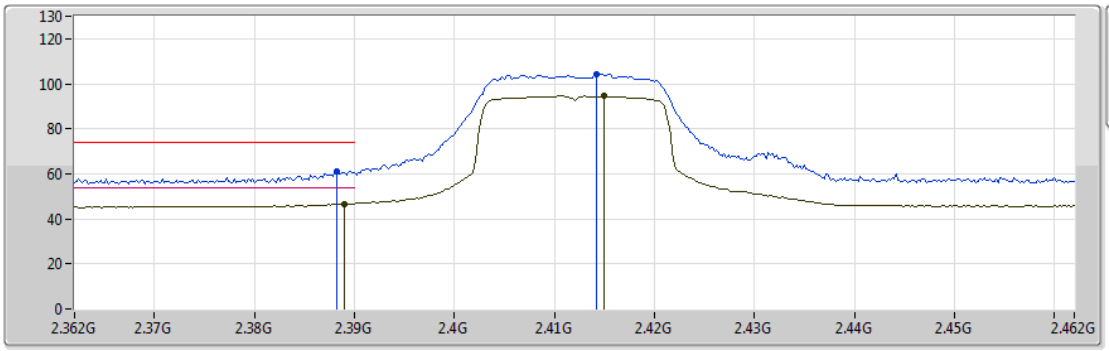


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.92392G	52.81	54.00	-1.19	8.96	3	Horizontal	340	3.00	-	43.85	31.15	7.16	29.35
PK	4.92404G	57.88	74.00	-16.12	8.96	3	Horizontal	340	3.00	-	48.92	31.15	7.16	29.35

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

13/07/2020

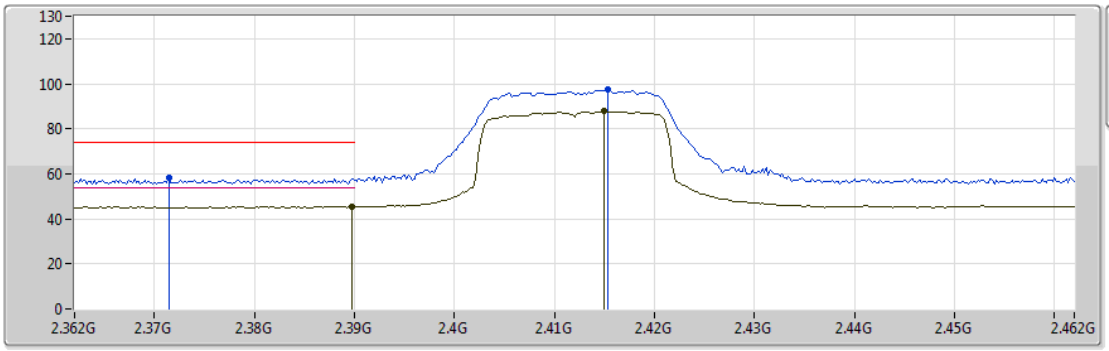


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.389G	46.78	54.00	-7.22	32.72	3	Vertical	359	1.33	-	14.06	27.64	5.08	-
AV	2.415G	94.72	Inf	-Inf	32.72	3	Vertical	359	1.33	-	62.00	27.60	5.12	-
PK	2.3882G	61.21	74.00	-12.79	32.73	3	Vertical	359	1.33	-	28.48	27.65	5.08	-
PK	2.4142G	104.08	Inf	-Inf	32.72	3	Vertical	359	1.33	-	71.36	27.60	5.12	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

13/07/2020

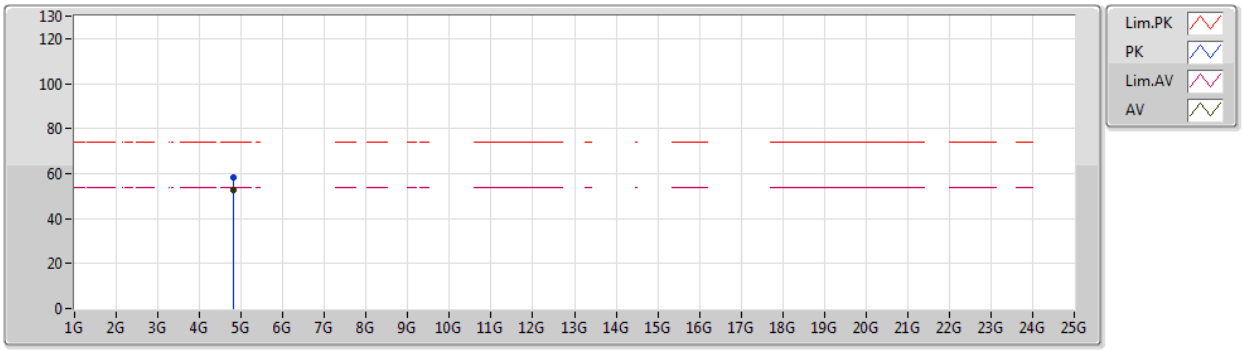


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3898G	45.38	54.00	-8.62	32.72	3	Horizontal	68	1.50	-	12.66	27.64	5.08	-
AV	2.415G	87.84	Inf	-Inf	32.72	3	Horizontal	68	1.50	-	55.12	27.60	5.12	-
PK	2.3714G	58.35	74.00	-15.65	32.75	3	Horizontal	68	1.50	-	25.60	27.71	5.04	-
PK	2.4154G	97.27	Inf	-Inf	32.72	3	Horizontal	68	1.50	-	64.55	27.60	5.12	-

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

13/07/2020

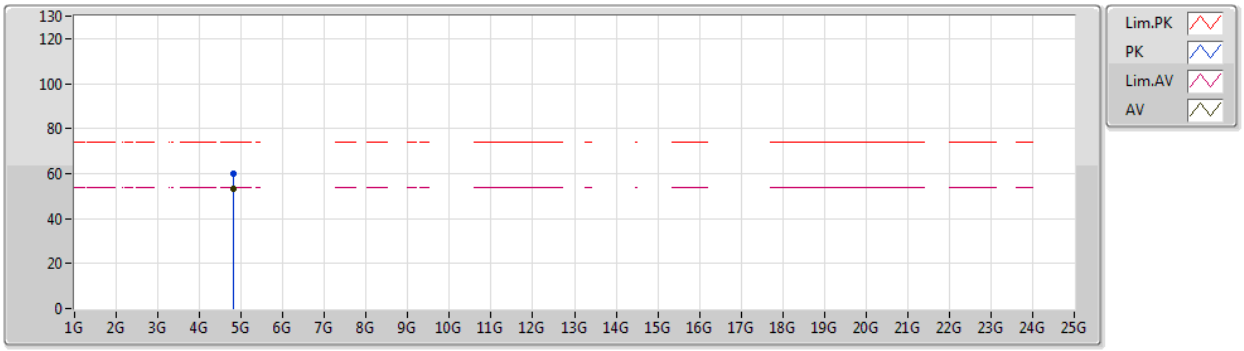


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.82398G	52.52	54.00	-1.48	4.23	3	Vertical	265	1.00	-	48.29	31.20	7.32	34.29
PK	4.82401G	58.31	74.00	-15.69	4.23	3	Vertical	265	1.00	-	54.08	31.20	7.32	34.29

802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

13/07/2020

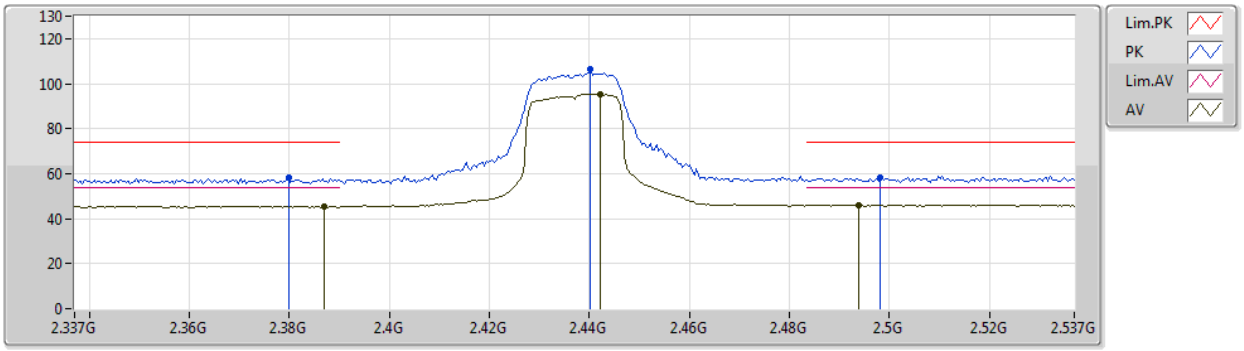


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.82398G	53.37	54.00	-0.63	4.23	3	Horizontal	173	1.02	-	49.14	31.20	7.32	34.29
PK	4.8239G	59.97	74.00	-14.03	4.23	3	Horizontal	173	1.02	-	55.74	31.20	7.32	34.29

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

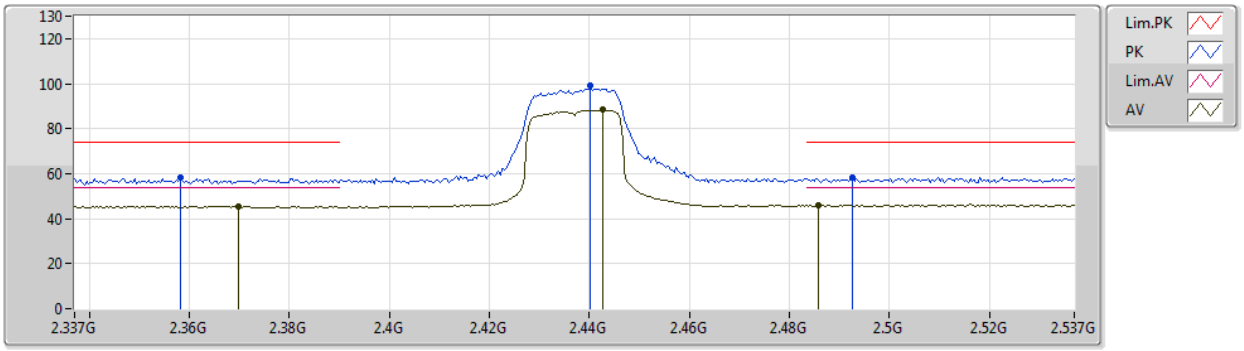


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.387G	45.65	54.00	-8.35	32.72	3	Vertical	353	1.50	-	12.93	27.65	5.07	-
AV	2.4422G	95.31	Inf	-Inf	32.76	3	Vertical	353	1.50	-	62.55	27.60	5.16	-
AV	2.4938G	46.09	54.00	-7.91	32.84	3	Vertical	353	1.50	-	13.25	27.60	5.24	-
PK	2.3798G	58.27	74.00	-15.73	32.74	3	Vertical	353	1.50	-	25.53	27.68	5.06	-
PK	2.4402G	106.20	Inf	-Inf	32.76	3	Vertical	353	1.50	-	73.44	27.60	5.16	-
PK	2.4982G	58.55	74.00	-15.45	32.85	3	Vertical	353	1.50	-	25.70	27.60	5.25	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

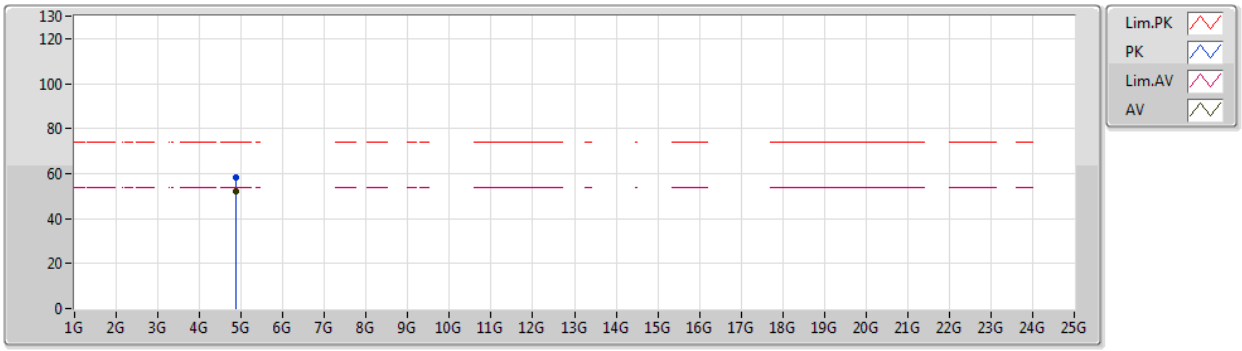


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3698G	45.40	54.00	-8.60	32.76	3	Horizontal	28	1.46	-	12.64	27.72	5.04	-
AV	2.4426G	88.34	Inf	-Inf	32.76	3	Horizontal	28	1.46	-	55.58	27.60	5.16	-
AV	2.4858G	45.93	54.00	-8.07	32.83	3	Horizontal	28	1.46	-	13.10	27.60	5.23	-
PK	2.3582G	58.11	74.00	-15.89	32.79	3	Horizontal	28	1.46	-	25.32	27.77	5.02	-
PK	2.4402G	99.15	Inf	-Inf	32.76	3	Horizontal	28	1.46	-	66.39	27.60	5.16	-
PK	2.4926G	58.50	74.00	-15.50	32.84	3	Horizontal	28	1.46	-	25.66	27.60	5.24	-

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

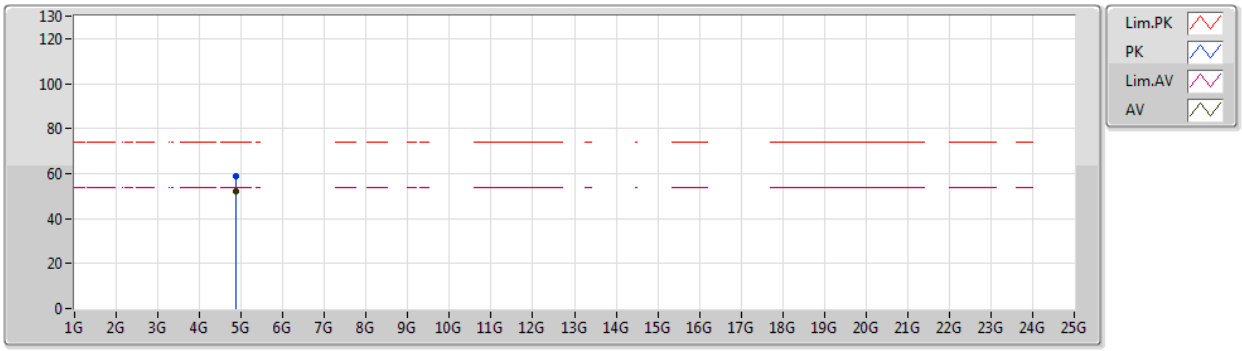


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.87403G	52.08	54.00	-1.92	4.34	3	Vertical	265	1.00	-	47.74	31.25	7.37	34.28
PK	4.87424G	58.20	74.00	-15.80	4.34	3	Vertical	265	1.00	-	53.86	31.25	7.37	34.28

802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

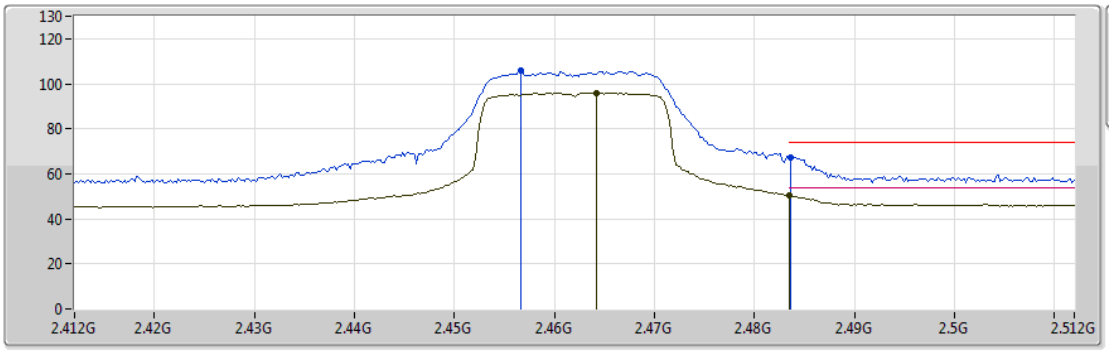


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.874G	52.32	54.00	-1.68	4.34	3	Horizontal	173	1.00	-	47.98	31.25	7.37	34.28
PK	4.87399G	59.02	74.00	-14.98	4.34	3	Horizontal	173	1.00	-	54.68	31.25	7.37	34.28

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

13/07/2020

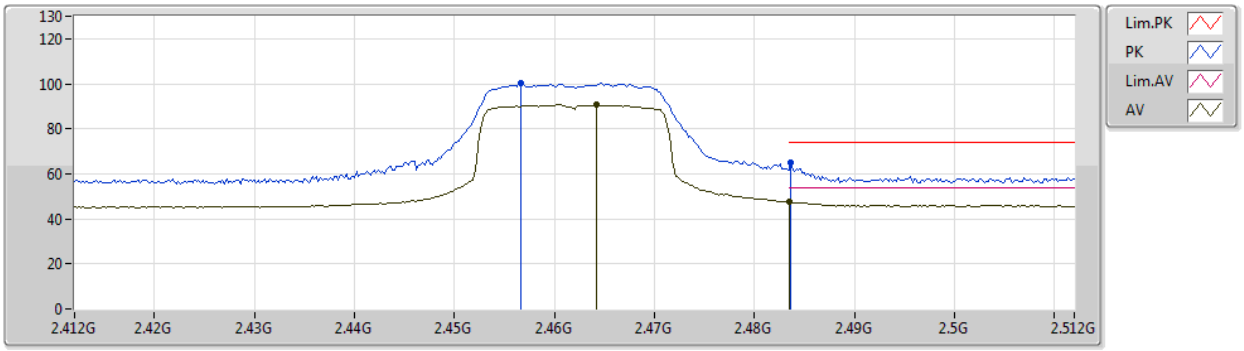


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4642G	96.01	Inf	-Inf	32.80	3	Vertical	356	1.08	-	63.21	27.60	5.20	-
AV	2.4835G	50.59	54.00	-3.41	32.83	3	Vertical	356	1.08	-	17.76	27.60	5.23	-
PK	2.4566G	105.65	Inf	-Inf	32.78	3	Vertical	356	1.08	-	72.87	27.60	5.18	-
PK	2.4836G	67.23	74.00	-6.77	32.83	3	Vertical	356	1.08	-	34.40	27.60	5.23	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

13/07/2020

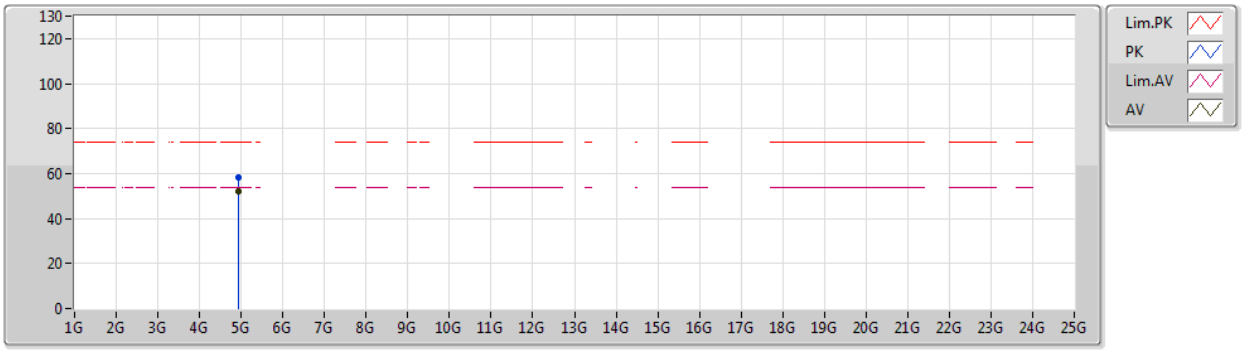


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.4642G	90.64	Inf	-Inf	32.80	3	Horizontal	255	1.00	-	57.84	27.60	5.20	-
AV	2.4835G	47.54	54.00	-6.46	32.83	3	Horizontal	255	1.00	-	14.71	27.60	5.23	-
PK	2.4566G	100.45	Inf	-Inf	32.78	3	Horizontal	255	1.00	-	67.67	27.60	5.18	-
PK	2.4836G	65.22	74.00	-8.78	32.83	3	Horizontal	255	1.00	-	32.39	27.60	5.23	-

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

13/07/2020

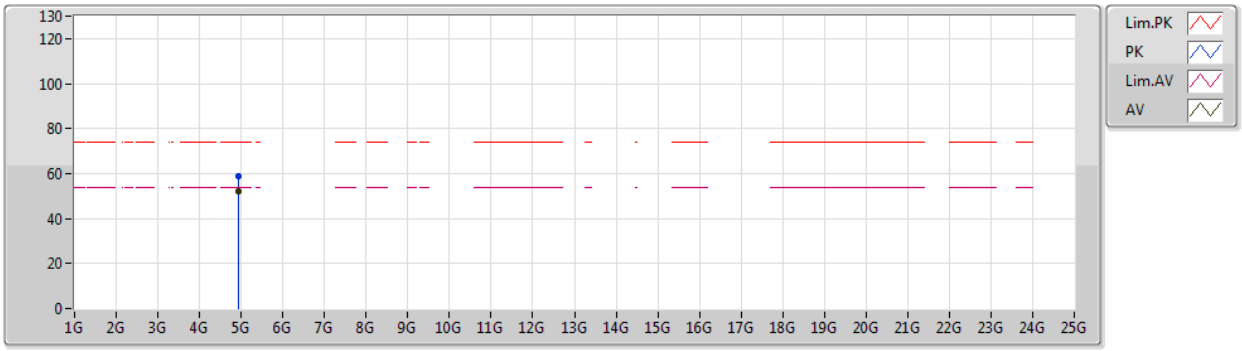


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.92396G	52.19	54.00	-1.81	4.50	3	Vertical	262	1.03	-	47.69	31.30	7.42	34.22
PK	4.92411G	58.44	74.00	-15.56	4.50	3	Vertical	262	1.03	-	53.94	31.30	7.42	34.22

802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

13/07/2020

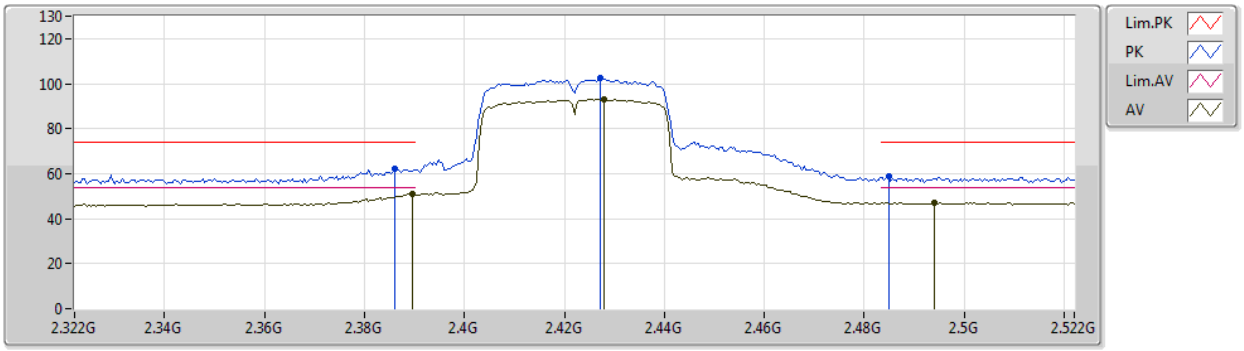


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.92397G	52.37	54.00	-1.63	4.50	3	Horizontal	183	1.00	-	47.87	31.30	7.42	34.22
PK	4.92398G	59.00	74.00	-15.00	4.50	3	Horizontal	183	1.00	-	54.50	31.30	7.42	34.22

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

13/07/2020

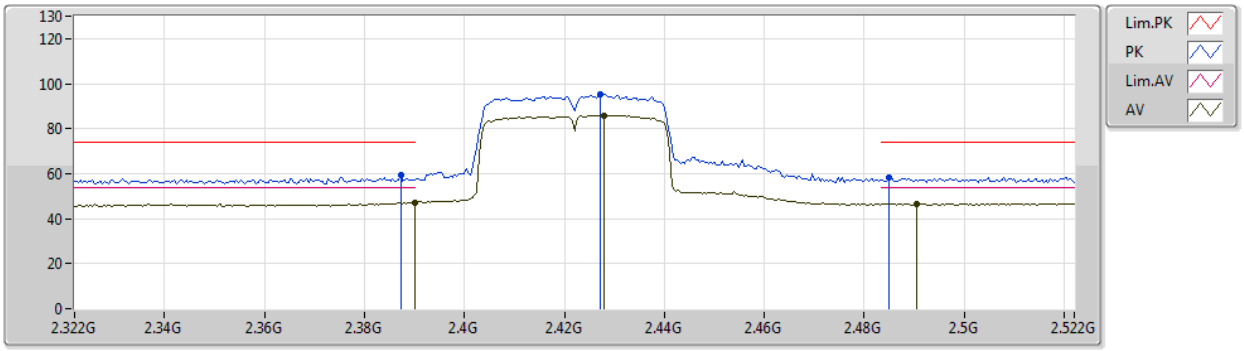


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3896G	50.78	54.00	-3.22	32.72	3	Vertical	10	1.03	-	18.06	27.64	5.08	-
AV	2.428G	92.98	Inf	-Inf	32.74	3	Vertical	10	1.03	-	60.24	27.60	5.14	-
AV	2.494G	47.12	54.00	-6.88	32.84	3	Vertical	10	1.03	-	14.28	27.60	5.24	-
PK	2.386G	61.96	74.00	-12.04	32.73	3	Vertical	10	1.03	-	29.23	27.66	5.07	-
PK	2.4272G	102.31	Inf	-Inf	32.74	3	Vertical	10	1.03	-	69.57	27.60	5.14	-
PK	2.4848G	58.59	74.00	-15.41	32.83	3	Vertical	10	1.03	-	25.76	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

13/07/2020

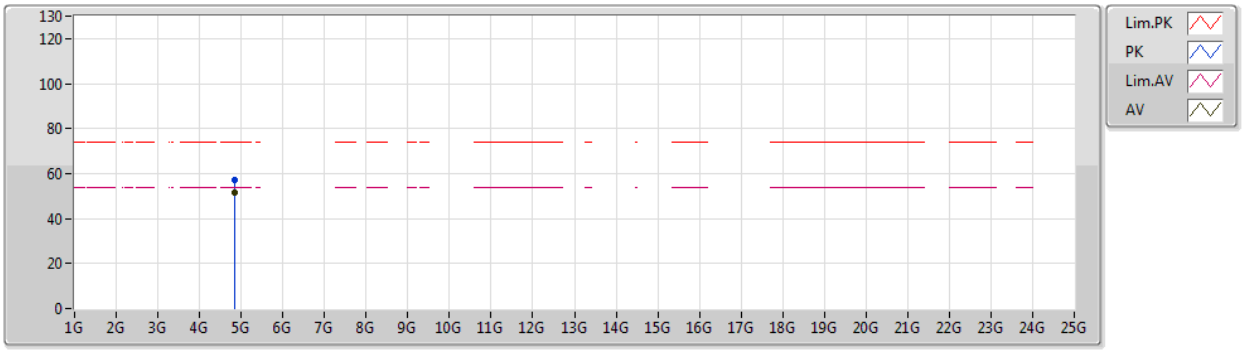


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.39G	47.17	54.00	-6.83	32.72	3	Horizontal	72	1.00	-	14.45	27.64	5.08	-
AV	2.428G	85.97	Inf	-Inf	32.74	3	Horizontal	72	1.00	-	53.23	27.60	5.14	-
AV	2.4904G	46.55	54.00	-7.45	32.84	3	Horizontal	72	1.00	-	13.71	27.60	5.24	-
PK	2.3872G	59.46	74.00	-14.54	32.72	3	Horizontal	72	1.00	-	26.74	27.65	5.07	-
PK	2.4272G	95.37	Inf	-Inf	32.74	3	Horizontal	72	1.00	-	62.63	27.60	5.14	-
PK	2.4848G	58.48	74.00	-15.52	32.83	3	Horizontal	72	1.00	-	25.65	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

13/07/2020

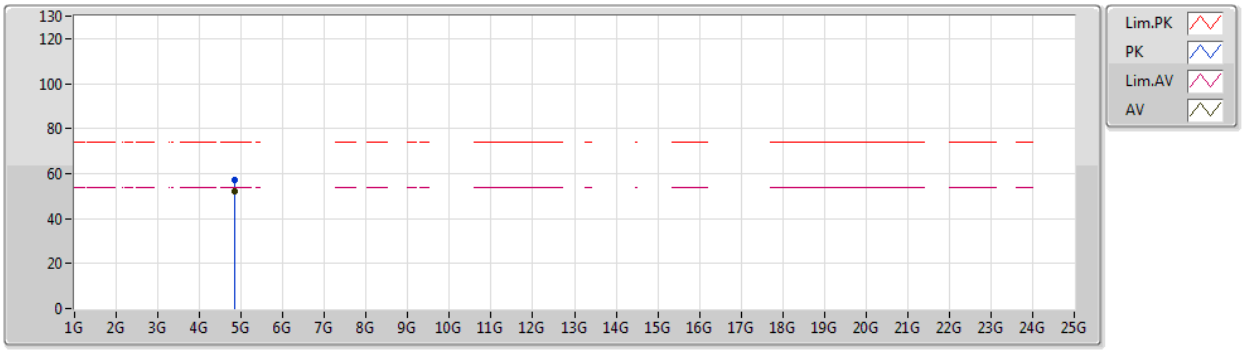


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.84401G	51.53	54.00	-2.47	4.33	3	Vertical	265	1.02	-	47.20	31.28	7.34	34.29
PK	4.84387G	57.17	74.00	-16.83	4.33	3	Vertical	265	1.02	-	52.84	31.28	7.34	34.29

802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

13/07/2020

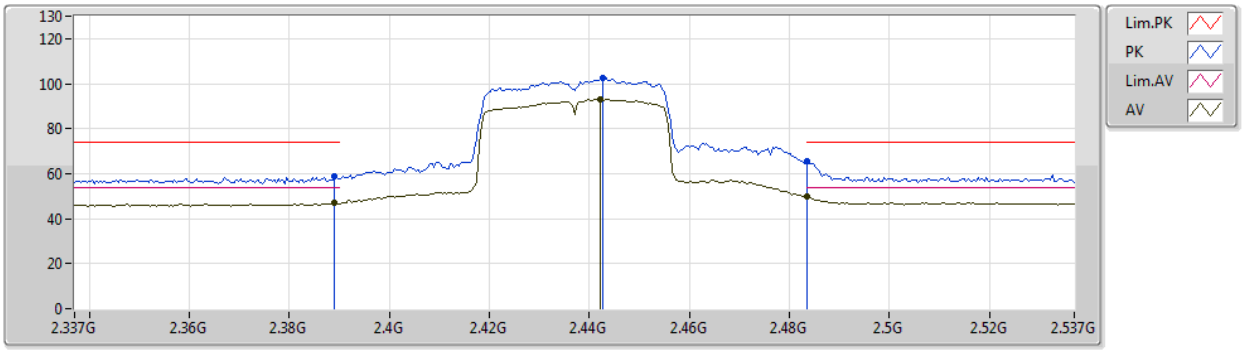


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.84402G	51.90	54.00	-2.10	4.33	3	Horizontal	176	1.00	-	47.57	31.28	7.34	34.29
PK	4.8439G	56.88	74.00	-17.12	4.33	3	Horizontal	176	1.00	-	52.55	31.28	7.34	34.29

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

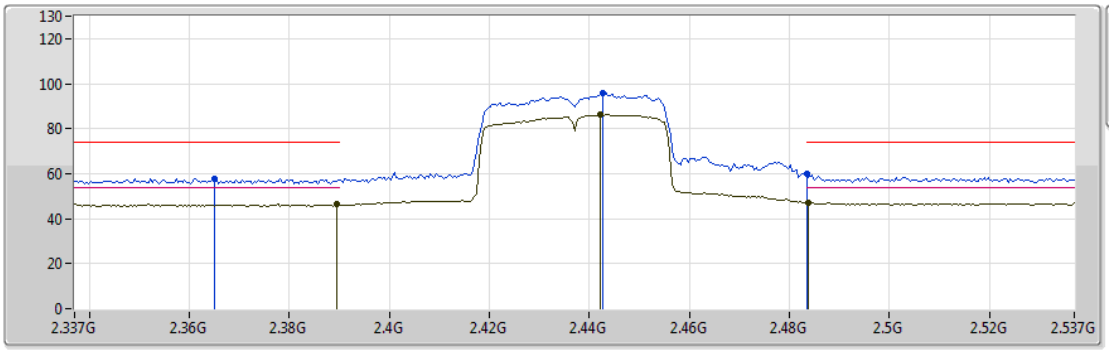


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.389G	46.99	54.00	-7.01	32.72	3	Vertical	352	1.50	-	14.27	27.64	5.08	-
AV	2.4422G	93.06	Inf	-Inf	32.76	3	Vertical	352	1.50	-	60.30	27.60	5.16	-
AV	2.4835G	49.67	54.00	-4.33	32.83	3	Vertical	352	1.50	-	16.84	27.60	5.23	-
PK	2.389G	59.00	74.00	-15.00	32.72	3	Vertical	352	1.50	-	26.28	27.64	5.08	-
PK	2.4426G	102.82	Inf	-Inf	32.76	3	Vertical	352	1.50	-	70.06	27.60	5.16	-
PK	2.4835G	65.42	74.00	-8.58	32.83	3	Vertical	352	1.50	-	32.59	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

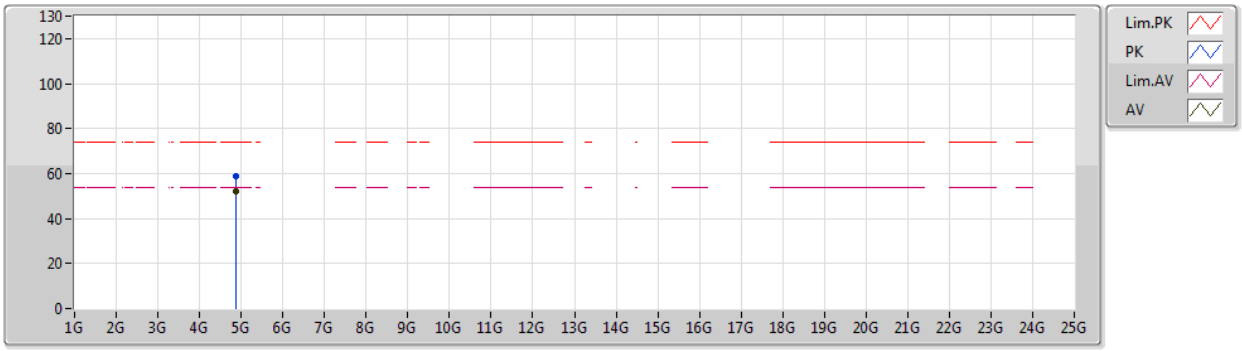


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3894G	46.53	54.00	-7.47	32.72	3	Horizontal	28	1.45	-	13.81	27.64	5.08	-
AV	2.4422G	86.09	Inf	-Inf	32.76	3	Horizontal	28	1.45	-	53.33	27.60	5.16	-
AV	2.4838G	46.90	54.00	-7.10	32.83	3	Horizontal	28	1.45	-	14.07	27.60	5.23	-
PK	2.365G	57.82	74.00	-16.18	32.77	3	Horizontal	28	1.45	-	25.05	27.74	5.03	-
PK	2.4426G	95.95	Inf	-Inf	32.76	3	Horizontal	28	1.45	-	63.19	27.60	5.16	-
PK	2.4835G	59.86	74.00	-14.14	32.83	3	Horizontal	28	1.45	-	27.03	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

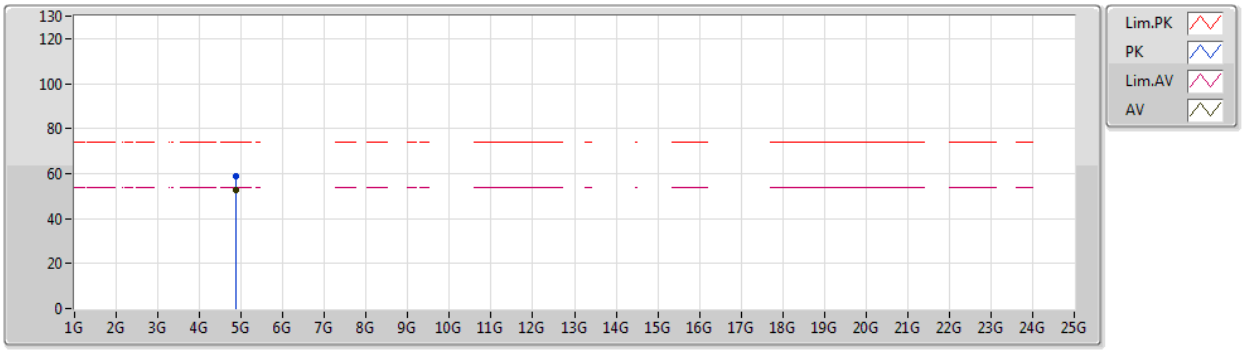


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.87401G	52.07	54.00	-1.93	4.34	3	Vertical	257	1.00	-	47.73	31.25	7.37	34.28
PK	4.87403G	58.68	74.00	-15.32	4.34	3	Vertical	257	1.00	-	54.34	31.25	7.37	34.28

802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

13/07/2020

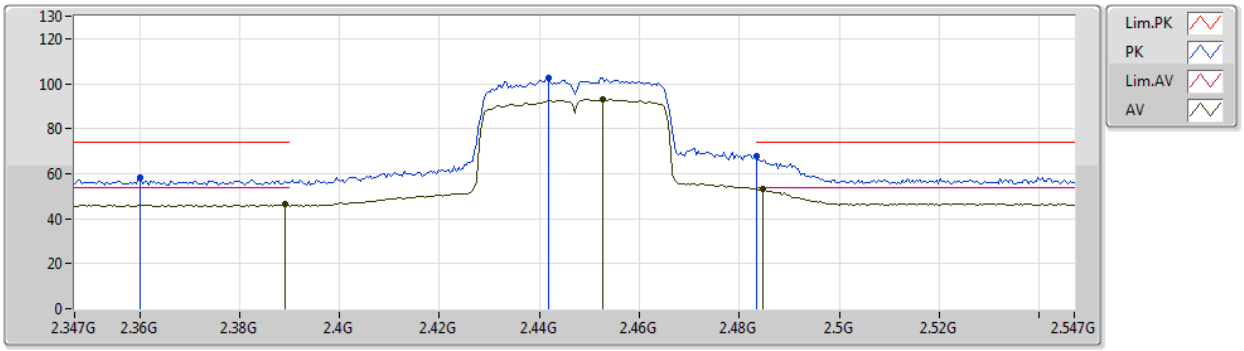


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.87399G	52.42	54.00	-1.58	4.34	3	Horizontal	174	1.00	-	48.08	31.25	7.37	34.28
PK	4.87402G	59.03	74.00	-14.97	4.34	3	Horizontal	174	1.00	-	54.69	31.25	7.37	34.28

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

13/07/2020

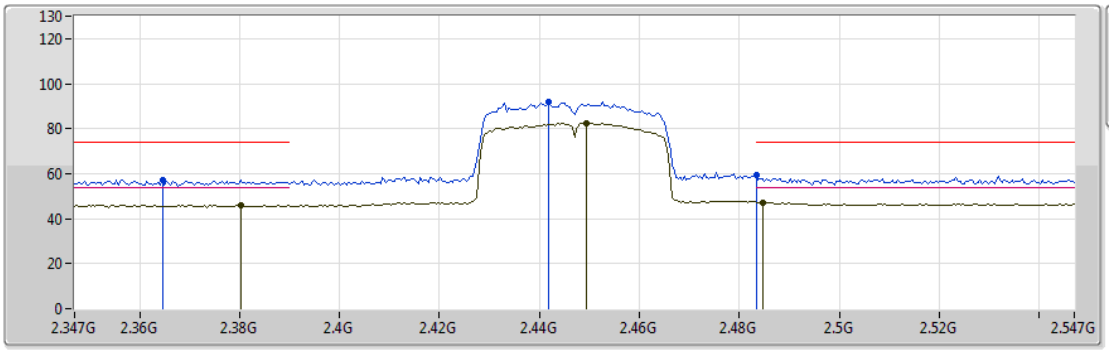


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.389G	46.52	54.00	-7.48	32.72	3	Vertical	360	1.23	-	13.80	27.64	5.08	-
AV	2.4526G	92.86	Inf	-Inf	32.78	3	Vertical	360	1.23	-	60.08	27.60	5.18	-
AV	2.4846G	53.29	54.00	-0.71	32.83	3	Vertical	360	1.23	-	20.46	27.60	5.23	-
PK	2.3602G	58.09	74.00	-15.91	32.78	3	Vertical	360	1.23	-	25.31	27.76	5.02	-
PK	2.4418G	102.52	Inf	-Inf	32.76	3	Vertical	360	1.23	-	69.76	27.60	5.16	-
PK	2.4835G	68.08	74.00	-5.92	32.83	3	Vertical	360	1.23	-	35.25	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

13/07/2020

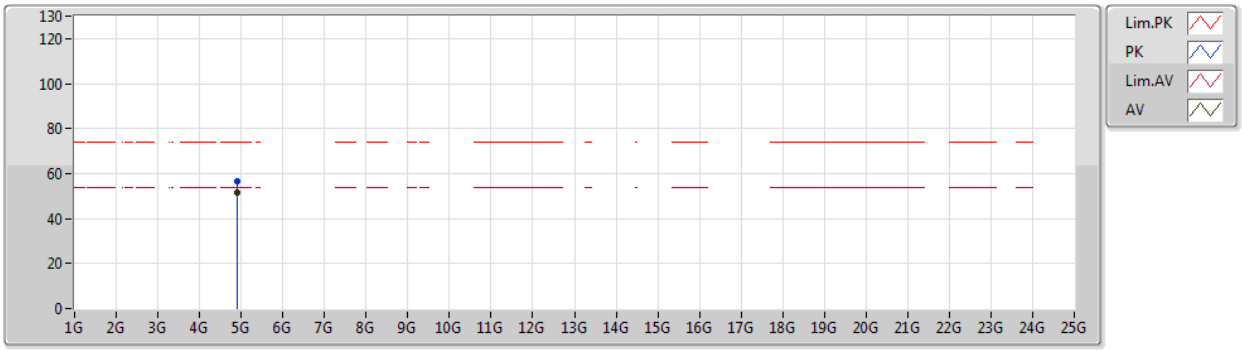


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3802G	46.05	54.00	-7.95	32.74	3	Horizontal	25	1.50	-	13.31	27.68	5.06	-
AV	2.4494G	82.61	Inf	-Inf	32.77	3	Horizontal	25	1.50	-	49.84	27.60	5.17	-
AV	2.4846G	47.15	54.00	-6.85	32.83	3	Horizontal	25	1.50	-	14.32	27.60	5.23	-
PK	2.3646G	57.13	74.00	-16.87	32.77	3	Horizontal	25	1.50	-	24.36	27.74	5.03	-
PK	2.4418G	91.98	Inf	-Inf	32.76	3	Horizontal	25	1.50	-	59.22	27.60	5.16	-
PK	2.4835G	59.62	74.00	-14.38	32.83	3	Horizontal	25	1.50	-	26.79	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

13/07/2020

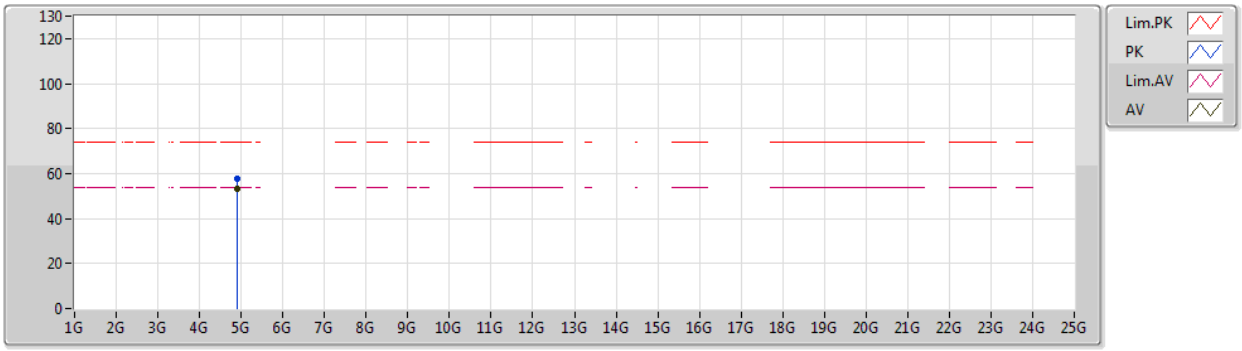


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.894G	51.80	54.00	-2.20	4.33	3	Vertical	263	1.00	-	47.47	31.21	7.39	34.27
PK	4.894G	56.84	74.00	-17.16	4.33	3	Vertical	263	1.00	-	52.51	31.21	7.39	34.27

802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

13/07/2020

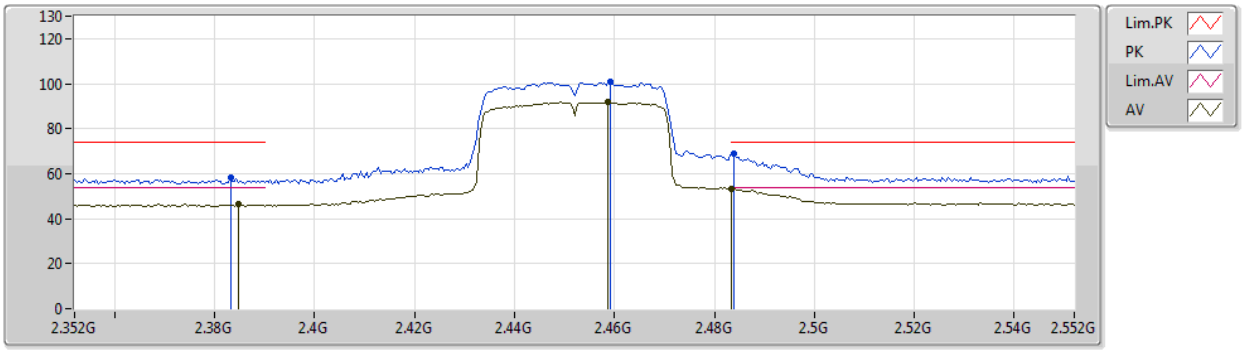


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.894G	53.24	54.00	-0.76	4.33	3	Horizontal	273	1.00	-	48.91	31.21	7.39	34.27
PK	4.89396G	57.69	74.00	-16.31	4.33	3	Horizontal	273	1.00	-	53.36	31.21	7.39	34.27

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

13/07/2020

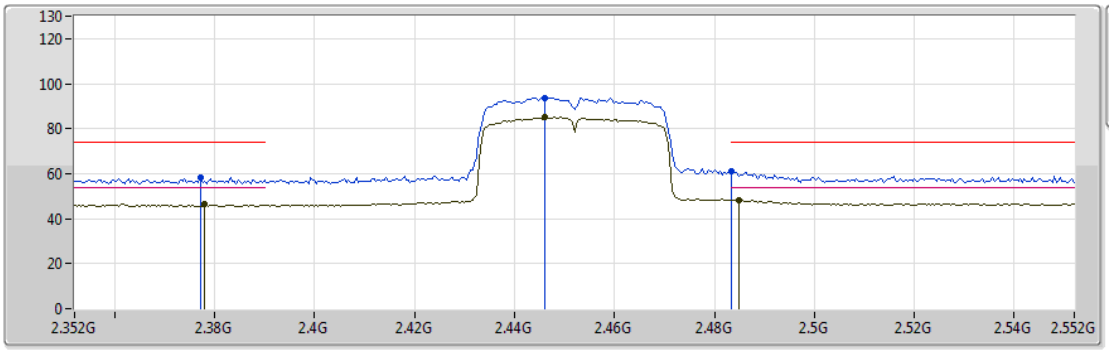


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.3848G	46.47	54.00	-7.53	32.73	3	Vertical	355	1.02	-	13.74	27.66	5.07	-
AV	2.4588G	91.67	Inf	-Inf	32.79	3	Vertical	355	1.02	-	58.88	27.60	5.19	-
AV	2.4835G	53.28	54.00	-0.72	32.83	3	Vertical	355	1.02	-	20.45	27.60	5.23	-
PK	2.3832G	58.23	74.00	-15.77	32.74	3	Vertical	355	1.02	-	25.49	27.67	5.07	-
PK	2.4592G	101.04	Inf	-Inf	32.79	3	Vertical	355	1.02	-	68.25	27.60	5.19	-
PK	2.484G	69.17	74.00	-4.83	32.83	3	Vertical	355	1.02	-	36.34	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

13/07/2020

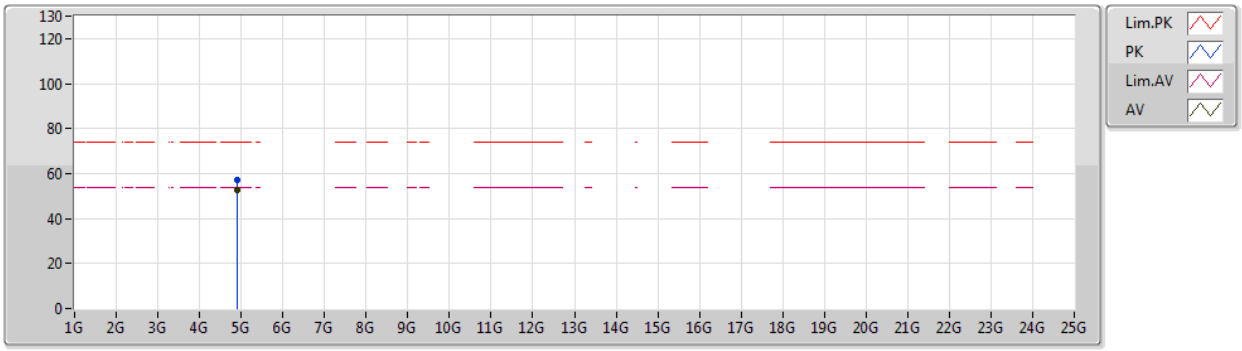


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	2.378G	46.23	54.00	-7.77	32.75	3	Horizontal	28	1.45	-	13.48	27.69	5.06	-
AV	2.446G	85.02	Inf	-Inf	32.77	3	Horizontal	28	1.45	-	52.25	27.60	5.17	-
AV	2.4848G	48.20	54.00	-5.80	32.83	3	Horizontal	28	1.45	-	15.37	27.60	5.23	-
PK	2.3772G	58.17	74.00	-15.83	32.74	3	Horizontal	28	1.45	-	25.43	27.69	5.05	-
PK	2.446G	93.79	Inf	-Inf	32.77	3	Horizontal	28	1.45	-	61.02	27.60	5.17	-
PK	2.4835G	61.11	74.00	-12.89	32.83	3	Horizontal	28	1.45	-	28.28	27.60	5.23	-

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

13/07/2020

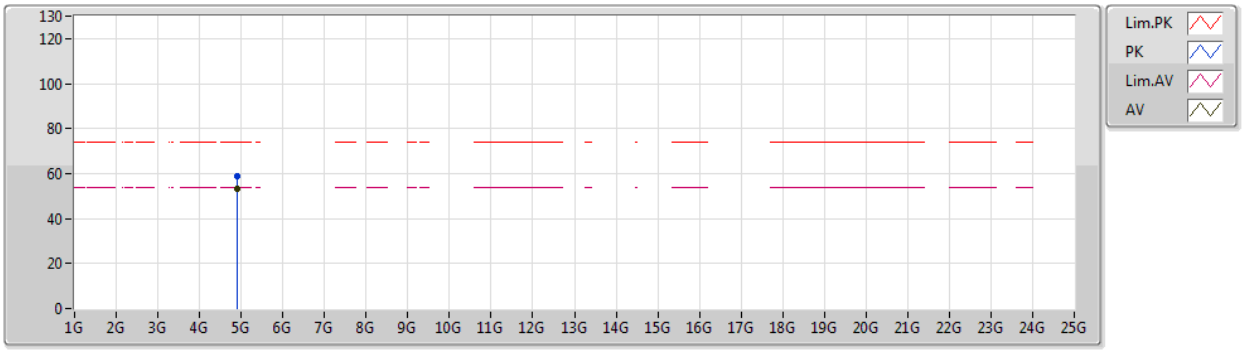


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.90398G	52.65	54.00	-1.35	4.36	3	Vertical	263	1.00	-	48.29	31.22	7.40	34.26
PK	4.90396G	57.15	74.00	-16.85	4.36	3	Vertical	263	1.00	-	52.79	31.22	7.40	34.26

802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

13/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBm)	(dB)	(dB)	(dB)
AV	4.90403G	53.48	54.00	-0.52	4.36	3	Horizontal	97	2.57	-	49.12	31.22	7.40	34.26
PK	4.90384G	58.86	74.00	-15.14	4.36	3	Horizontal	97	2.57	-	54.50	31.22	7.40	34.26