FCC Test Report

FCC ID	:	**2AKWYXBP301**
Equipment	:	**Digital Transmission System**
Brand Name	:	**DynaScan Technology Corp.**
Model Name	:	**XBP301**
Applicant/ Manufacturer	:	**DYNASCAN TECHNOLOGY CORP. 7F, 66 Huaya 1st Road, Guishan Taoyuan 33383,Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Jul. 20, 2020, and testing was started from Jul. 20, 2020 and completed on Jul. 28, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR061666AC	01	Initial issue of report	Aug. 31, 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	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX

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.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	PIFA	I-PEX	0.87
2	2	-	-	PIFA	I-PEX	0.87

Note 1: The EUT has two antennas.

For 2.4 GHz function:

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

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

1.1.3 EUT Information

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

Type of EUT		
☐	Stand-alone	
☒	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	DynaScan / 64606
☐	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)_2TX	0.995	0.02	12.42m	10
802.11n HT20_Nss1,(MCS0)_2TX	0.944	0.25	1.922m	1k
802.11n HT40_Nss1,(MCS0)_2TX	0.9	0.46	946.875u	3k

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR9N1207-01AC

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

Modifications	Performance Checking
Host(Model/Brand:DynaScan/64606) was added.	1. AC Conduction and Radiated emission was evaluated. 2. The conducted power was verified, some frequency needs to be degraded and measured during the test. For other frequency test results refer to the original report.

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 662911 D01 v02r01
- 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	Justin	22.3~25.1°C / 52~60%	28/Jul/2020
RF Conducted	TH06-HY	Alan	20.1~26.9°C / 50~60%	22/Jul/2020
Radiated	03CH03-HY	Tzu Yun	22.1~25.4°C / 49~57%	20/Jul/2020~ 22/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)_2TX	-
2412MHz	59
802.11n HT20_Nss1,(MCS0)_2TX	-
2457MHz	60
802.11n HT40_Nss1,(MCS0)_2TX	-
2447MHz	51
2452MHz	49

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	Fixture 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	Fixture mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Y Plane**
	

2.4 Accessories

Accessories				
Remote Control	**Brand Name**	DynaScan	**Model Name**	JX-9060

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

2.5 Support Equipment

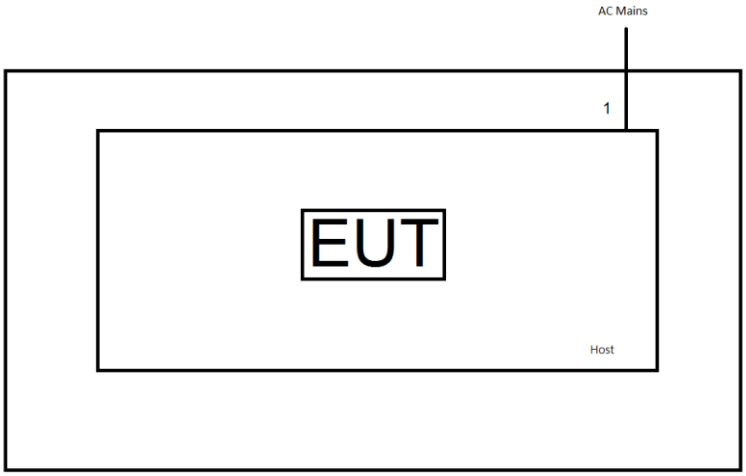
Support Equipment – AC Conduction / Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Host	DynaScan	64606	-	Note 1

Note: No.1 was provided by customer.

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

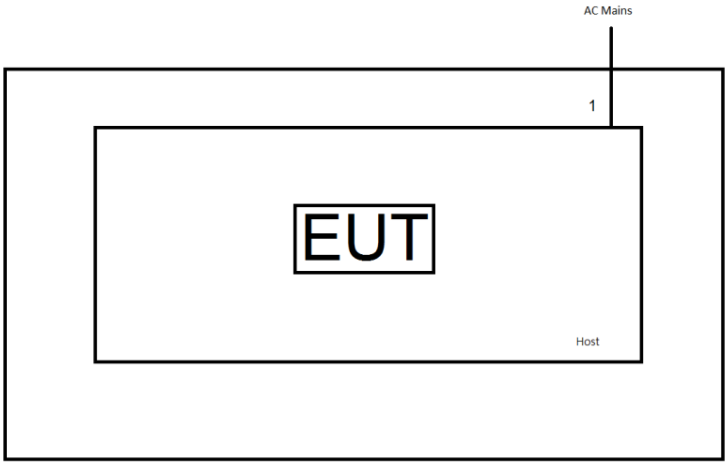
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test



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

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

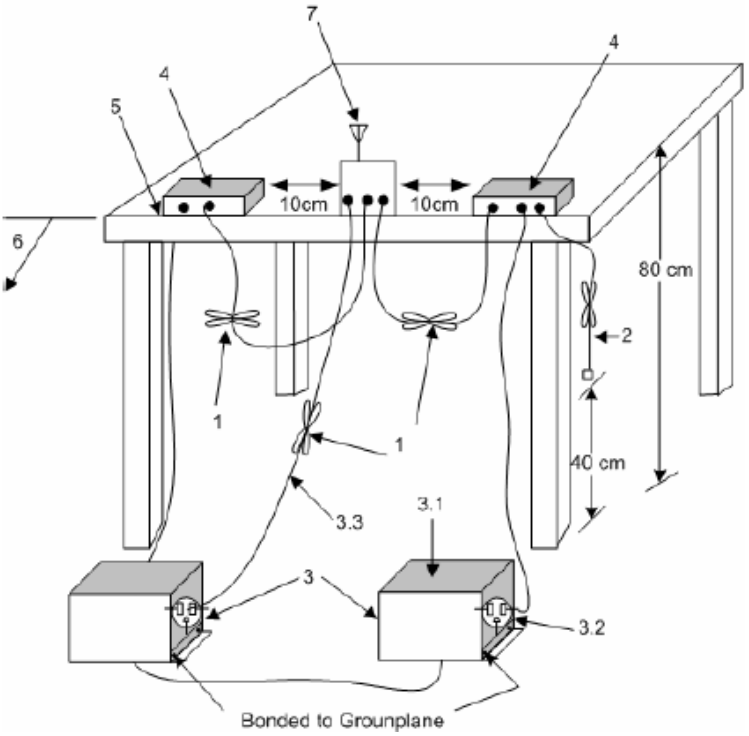
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

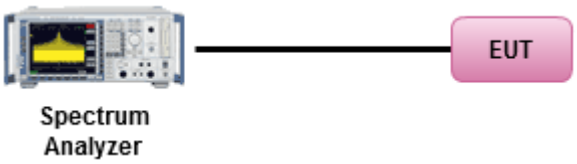
3.2.2 Measuring Instruments

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

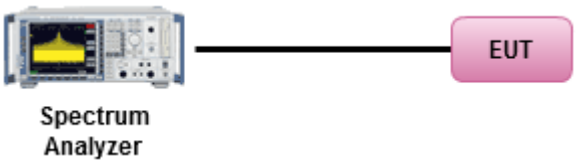
3.4.2 Measuring Instruments

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.	

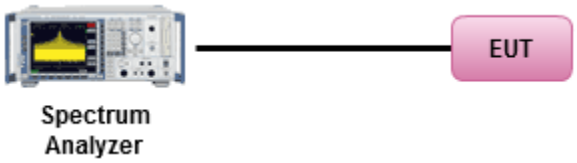
3.5.2 Measuring Instruments

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.

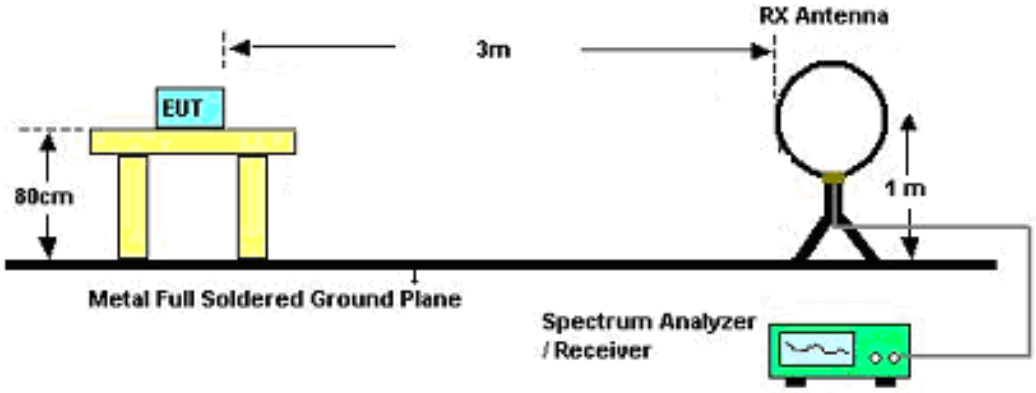
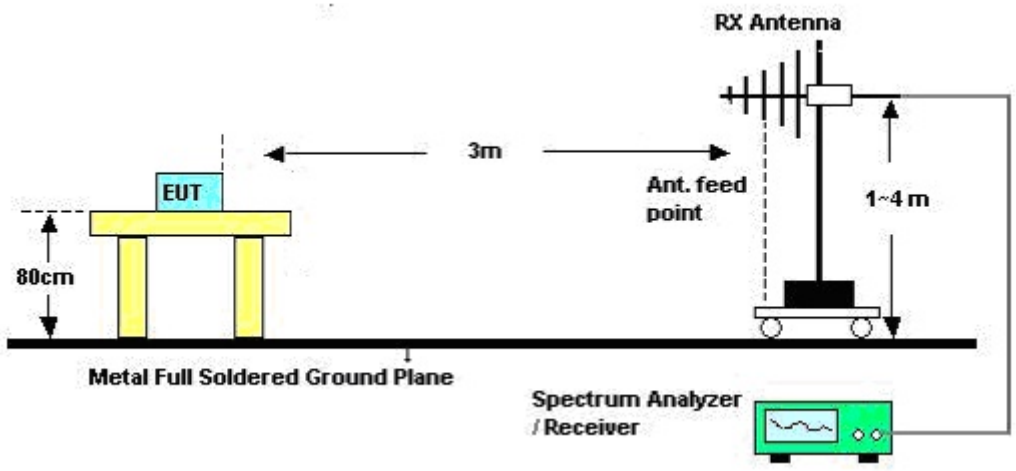
3.6.3 Test Procedures

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.

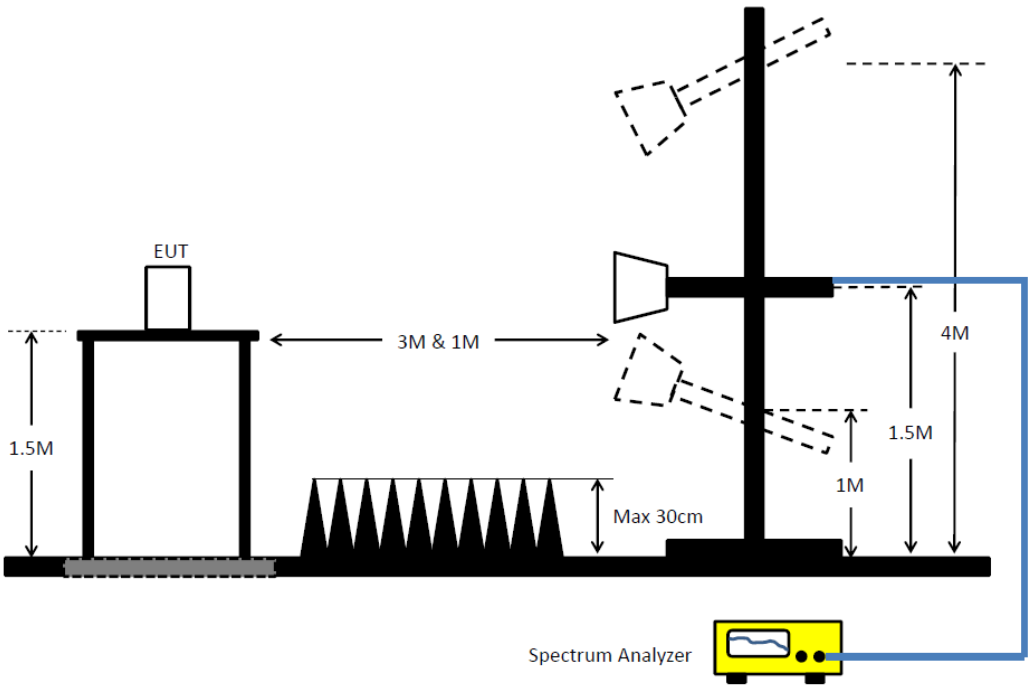
3.6.4 Measurement Results Calculation

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
Signal Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	18/Mar/2020	17/Mar/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/Aug/2020
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
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz ~ 1GHz	19/Apr/2020	18/Apr/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz ~ 1GHz	18/Mar/2020	17/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
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

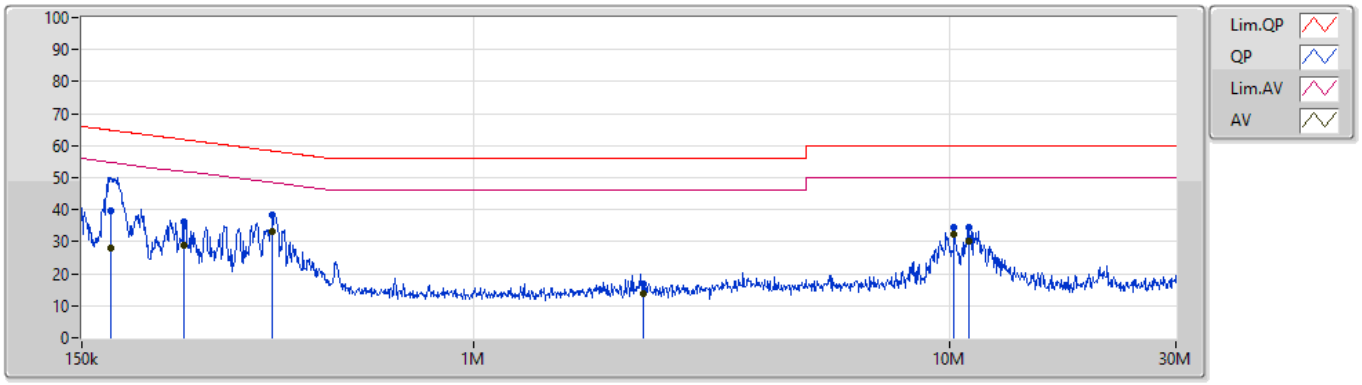
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	176.725k	46.06	54.64	-8.58	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	172.493k	39.78	64.83	-25.05	Line	-
Mode 1	Pass	AV	172.493k	28.08	54.83	-26.75	Line	-
Mode 1	Pass	QP	377.888k	38.53	58.33	-19.80	Line	-
Mode 1	Pass	AV	377.888k	33.29	48.33	-15.04	Line	"Worst"
Mode 1	Pass	QP	246.702k	36.17	61.87	-25.70	Line	-
Mode 1	Pass	AV	246.702k	29.09	51.87	-22.78	Line	-
Mode 1	Pass	QP	11.047M	34.68	60.00	-25.32	Line	-
Mode 1	Pass	AV	11.047M	29.97	50.00	-20.03	Line	-
Mode 1	Pass	QP	10.239M	34.43	60.00	-25.57	Line	-
Mode 1	Pass	AV	10.239M	32.18	50.00	-17.82	Line	-
Mode 1	Pass	QP	2.275M	16.66	56.00	-39.34	Line	-
Mode 1	Pass	AV	2.275M	13.91	46.00	-32.09	Line	-
Mode 1	Pass	QP	176.725k	49.32	64.64	-15.32	Neutral	-
Mode 1	Pass	AV	176.725k	46.06	54.64	-8.58	Neutral	"Worst"
Mode 1	Pass	QP	372.906k	36.05	58.43	-22.38	Neutral	-
Mode 1	Pass	AV	372.906k	29.36	48.43	-19.07	Neutral	-
Mode 1	Pass	QP	2.214M	19.18	56.00	-36.82	Neutral	-
Mode 1	Pass	AV	2.214M	14.83	46.00	-31.17	Neutral	-
Mode 1	Pass	QP	10.911M	34.43	60.00	-25.57	Neutral	-
Mode 1	Pass	AV	10.911M	29.40	50.00	-20.60	Neutral	-
Mode 1	Pass	QP	10.237M	33.23	60.00	-26.77	Neutral	-
Mode 1	Pass	AV	10.237M	29.36	50.00	-20.64	Neutral	-
Mode 1	Pass	QP	150.35k	48.30	65.98	-17.68	Neutral	-
Mode 1	Pass	AV	150.35k	38.96	55.98	-17.02	Neutral	-

Conducted Emissions at Powerline_Mode 1

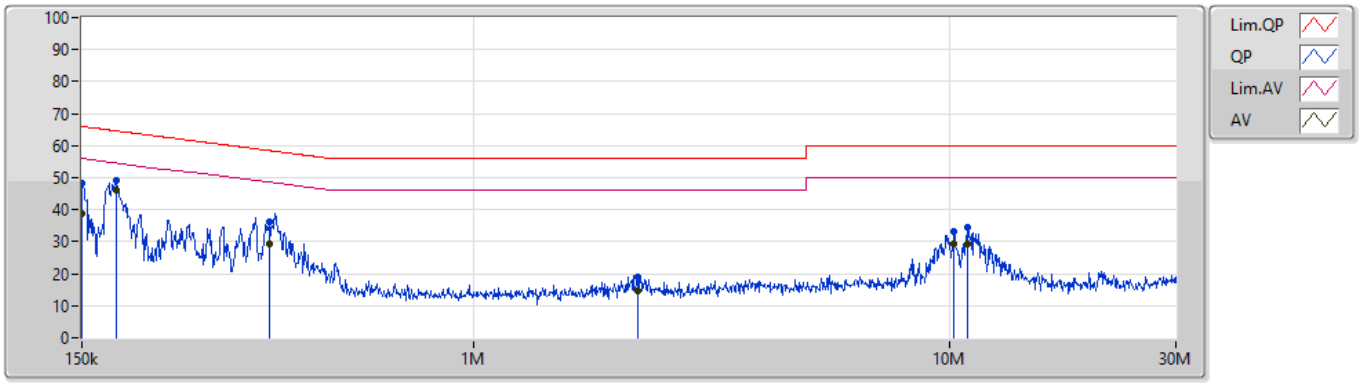
28/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.493k	39.78	64.83	-25.05	19.64	Line	-	20.14	9.66	0.11	9.87
AV	172.493k	28.08	54.83	-26.75	19.64	Line	-	8.44	9.66	0.11	9.87
QP	377.888k	38.53	58.33	-19.80	19.64	Line	-	18.89	9.64	0.13	9.87
AV	377.888k	33.29	48.33	-15.04	19.64	Line	"Worst"	13.65	9.64	0.13	9.87
QP	246.702k	36.17	61.87	-25.70	19.64	Line	-	16.53	9.65	0.12	9.87
AV	246.702k	29.09	51.87	-22.78	19.64	Line	-	9.45	9.65	0.12	9.87
QP	11.047M	34.68	60.00	-25.32	19.84	Line	-	14.84	9.68	0.28	9.88
AV	11.047M	29.97	50.00	-20.03	19.84	Line	-	10.13	9.68	0.28	9.88
QP	10.239M	34.43	60.00	-25.57	19.84	Line	-	14.59	9.69	0.27	9.88
AV	10.239M	32.18	50.00	-17.82	19.84	Line	-	12.34	9.69	0.27	9.88
QP	2.275M	16.66	56.00	-39.34	19.67	Line	-	-3.01	9.65	0.15	9.87
AV	2.275M	13.91	46.00	-32.09	19.67	Line	-	-5.76	9.65	0.15	9.87

Conducted Emissions at Powerline_Mode 1

28/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	176.725k	49.32	64.64	-15.32	19.62	Neutral	-	29.70	9.64	0.11	9.87
AV	176.725k	46.06	54.64	-8.58	19.62	Neutral	"Worst"	26.44	9.64	0.11	9.87
QP	372.906k	36.05	58.43	-22.38	19.63	Neutral	-	16.42	9.63	0.13	9.87
AV	372.906k	29.36	48.43	-19.07	19.63	Neutral	-	9.73	9.63	0.13	9.87
QP	2.214M	19.18	56.00	-36.82	19.67	Neutral	-	-0.49	9.65	0.15	9.87
AV	2.214M	14.83	46.00	-31.17	19.67	Neutral	-	-4.84	9.65	0.15	9.87
QP	10.911M	34.43	60.00	-25.57	19.86	Neutral	-	14.57	9.70	0.28	9.88
AV	10.911M	29.40	50.00	-20.60	19.86	Neutral	-	9.54	9.70	0.28	9.88
QP	10.237M	33.23	60.00	-26.77	19.85	Neutral	-	13.38	9.70	0.27	9.88
AV	10.237M	29.36	50.00	-20.64	19.85	Neutral	-	9.51	9.70	0.27	9.88
QP	150.35k	48.30	65.98	-17.68	19.63	Neutral	-	28.67	9.65	0.11	9.87
AV	150.35k	38.96	55.98	-17.02	19.63	Neutral	-	19.33	9.65	0.11	9.87

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)_2TX	10M	14.033M	14M0G1D	9.025M	13.893M
802.11n HT40_Nss1,(MCS0)_2TX	35.45M	36.142M	36M1D1D	35.35M	36.102M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.025M	13.893M	10M	14.033M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2452MHz	Pass	500k	35.45M	36.102M	35.35M	36.142M

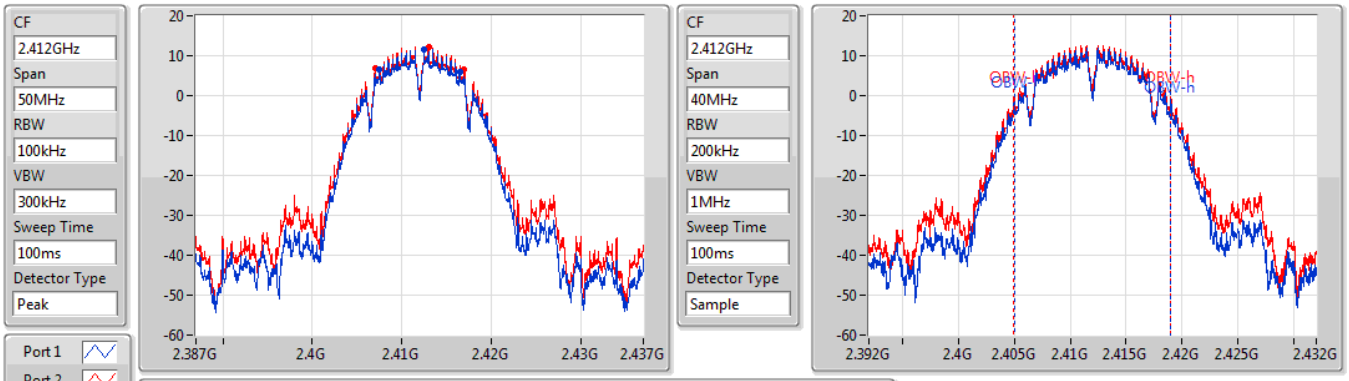
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

22/07/2020



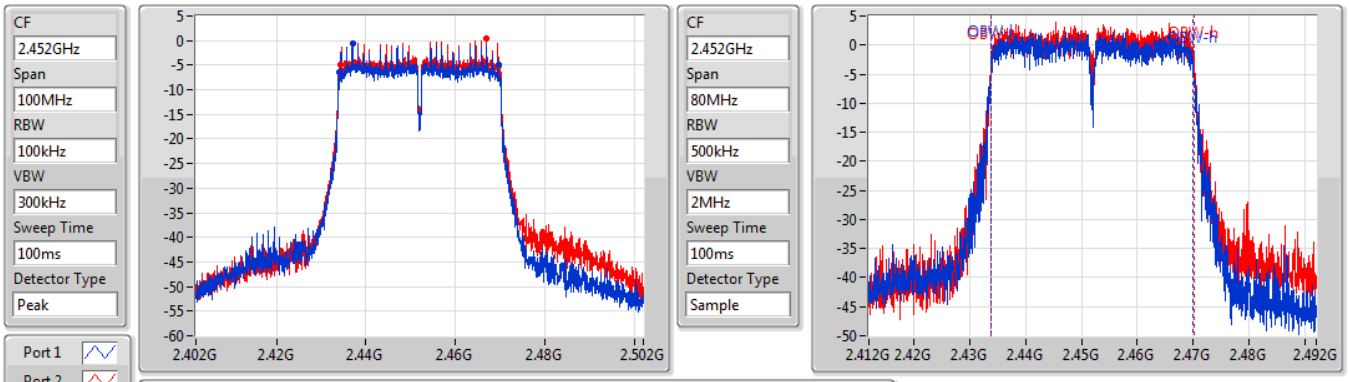
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.407475G	2.4165G	13.893M	2.405023G	2.418917G	500k	1
10M	2.407G	2.417G	14.033M	2.404964G	2.418997G	500k	2

802.11n HT40_Nss1,(MCS0)_2TX

EBW

2452MHz

22/07/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.45M	2.4341G	2.46955G	36.102M	2.433889G	2.469991G	500k	1
35.35M	2.4344G	2.46975G	36.142M	2.433929G	2.470071G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.00	0.25119
802.11n HT20_Nss1,(MCS0)_2TX	21.45	0.13964
802.11n HT40_Nss1,(MCS0)_2TX	17.72	0.05916

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	0.87	20.40	21.50	24.00	30.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2457MHz	Pass	0.87	18.16	18.70	21.45	30.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2447MHz	Pass	0.87	14.03	15.29	17.72	30.00
2452MHz	Pass	0.87	13.18	14.46	16.88	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-0.43
802.11n HT40_Nss1,(MCS0)_2TX	-11.41

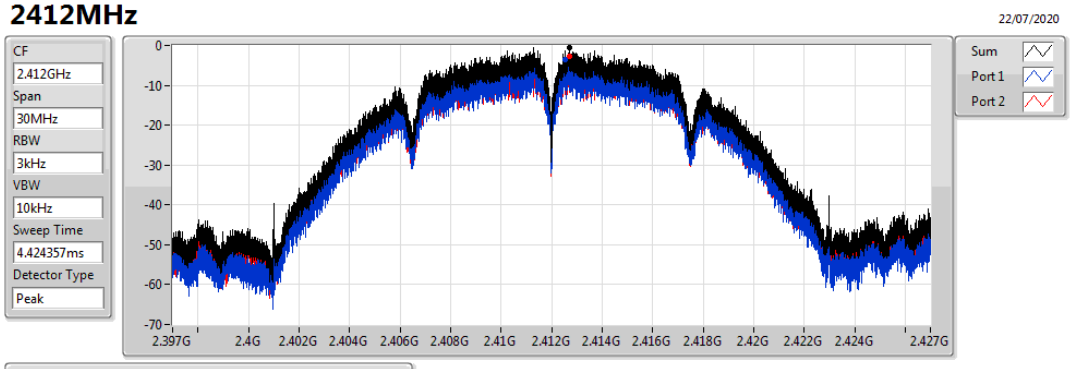
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.88	-3.51	-2.79	-0.43	8.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2452MHz	Pass	3.88	-15.02	-13.89	-11.41	8.00

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)_2TX PSD

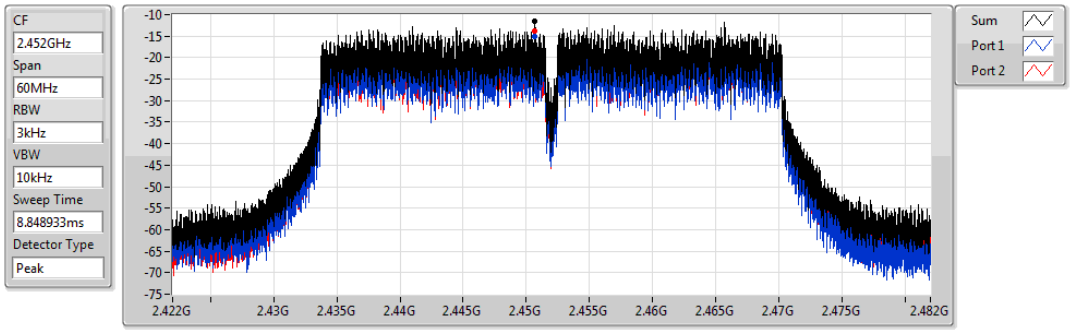
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-3.51	-2.79

802.11n HT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.41	-11.41	-15.02	-13.89

Summary

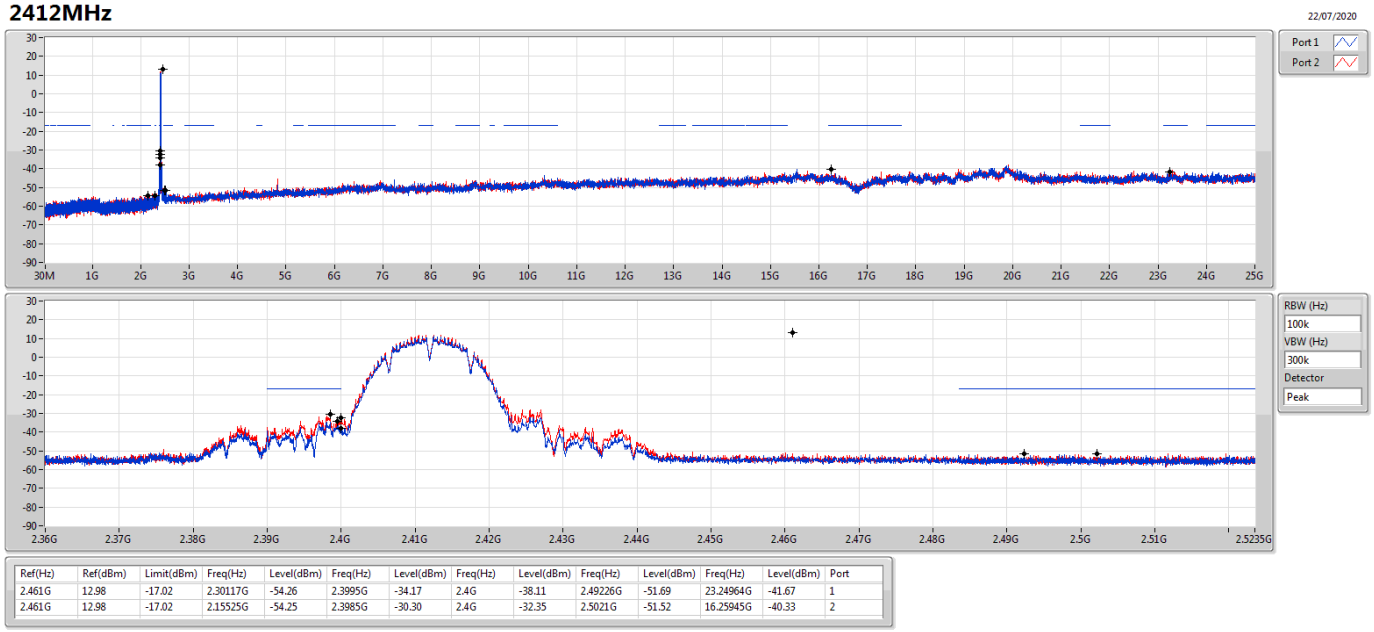
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.461G	12.98	-17.02	2.15525G	-54.25	2.3985G	-30.30	2.4G	-32.35	2.5021G	-51.52	16.25945G	-40.33	2
802.11n HT40_Nss1,(MCS0)_2TX	Pass	2.43449G	2.31	-27.69	2.13394G	-54.71	2.39924G	-47.52	2.4835G	-41.88	2.4845G	-38.93	23.35372G	-41.19	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.461G	12.98	-17.02	2.30117G	-54.26	2.3995G	-34.17	2.4G	-38.11	2.49226G	-51.69	23.24964G	-41.67	1
2412MHz	Pass	2.461G	12.98	-17.02	2.15525G	-54.25	2.3985G	-30.30	2.4G	-32.35	2.5021G	-51.52	16.25945G	-40.33	2
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2452MHz	Pass	2.43449G	2.31	-27.69	2.13909G	-54.80	2.39792G	-49.14	2.4835G	-49.34	2.48446G	-44.96	23.25276G	-41.43	1
2452MHz	Pass	2.43449G	2.31	-27.69	2.13394G	-54.71	2.39924G	-47.52	2.4835G	-41.88	2.4845G	-38.93	23.35372G	-41.19	2

802.11b_Nss1,(1Mbps)_2TX **CSENdB**

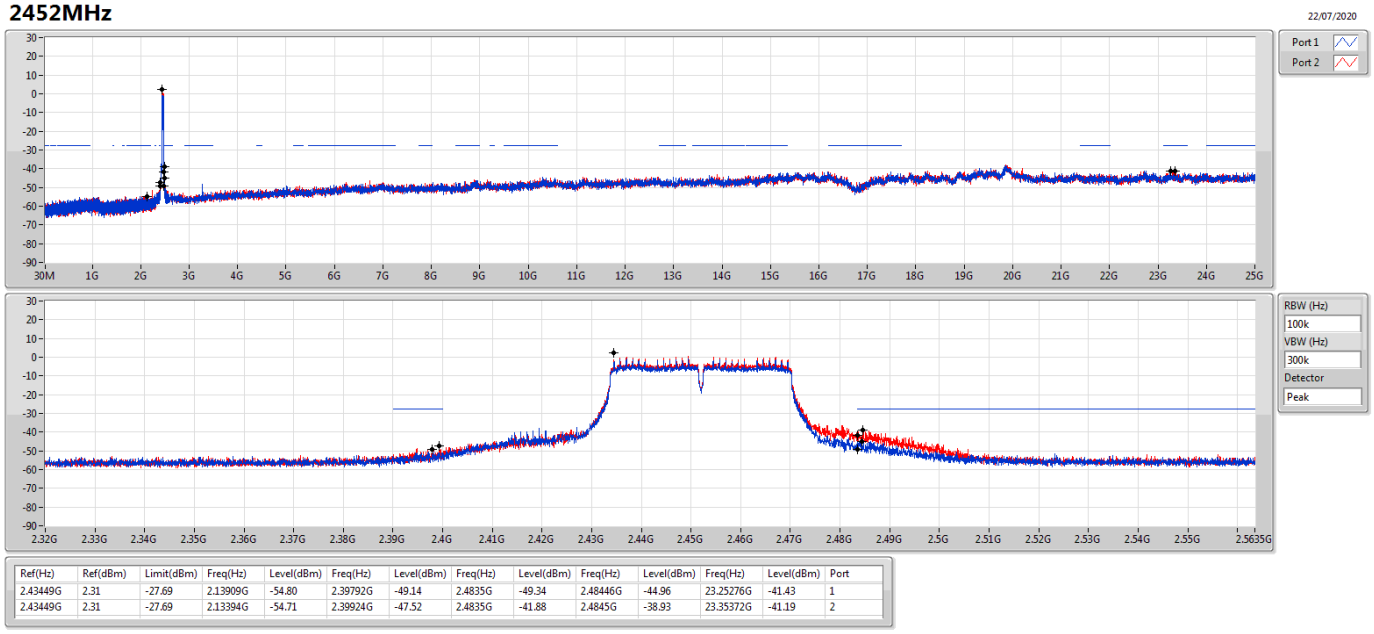
2412MHz



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
2.461G	12.98	-17.02	2.30117G	-54.26	2.3995G	-34.17	2.4G	-38.11	2.49226G	-51.69	23.24964G	-41.67	1
2.461G	12.98	-17.02	2.15525G	-54.25	2.3985G	-30.30	2.4G	-32.35	2.5021G	-51.52	16.25945G	-40.33	2

802.11n HT40_Nss1,(MCS0)_2TX **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	2.31	-27.69	2.13909G	-54.80	2.39792G	-49.14	2.4835G	-49.34	2.48446G	-44.96	23.25276G	-41.43	1
2.43449G	2.31	-27.69	2.13394G	-54.71	2.39924G	-47.52	2.4835G	-41.88	2.4845G	-38.93	23.35372G	-41.19	2

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)_2TX	Pass	PK	470.38M	40.36	46.00	-5.64	3	Vertical	0	1.00	-

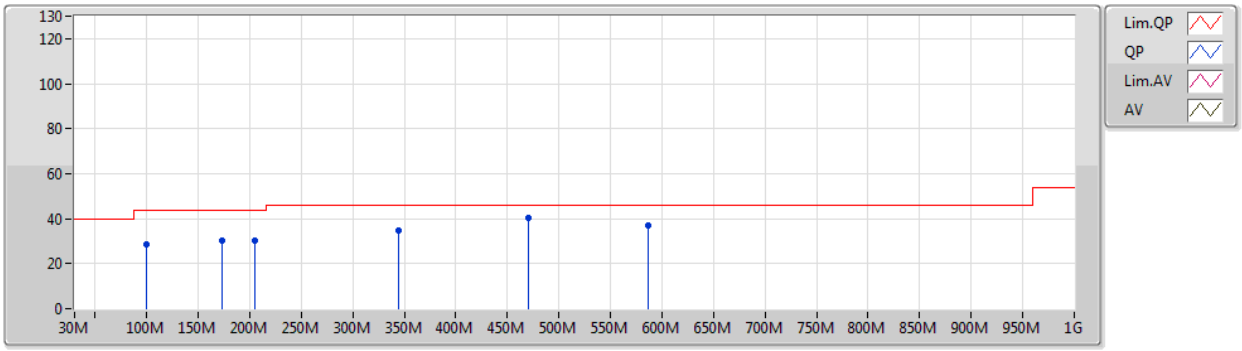
Result

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz_Fixture	Pass	PK	99.84M	28.54	43.50	-14.96	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	173.56M	30.38	43.50	-13.12	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	204.6M	30.43	43.50	-13.07	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	344.28M	34.54	46.00	-11.46	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	470.38M	40.36	46.00	-5.64	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	586.78M	36.97	46.00	-9.03	3	Vertical	0	1.00	-
2437MHz_Fixture	Pass	PK	146.4M	27.83	43.50	-15.67	3	Horizontal	360	1.00	-
2437MHz_Fixture	Pass	PK	194.9M	30.77	43.50	-12.73	3	Horizontal	360	1.00	-
2437MHz_Fixture	Pass	PK	274.44M	33.66	46.00	-12.34	3	Horizontal	360	1.00	-
2437MHz_Fixture	Pass	PK	342.34M	33.98	46.00	-12.02	3	Horizontal	360	1.00	-
2437MHz_Fixture	Pass	PK	476.2M	35.87	46.00	-10.13	3	Horizontal	360	1.00	-
2437MHz_Fixture	Pass	PK	513.06M	37.51	46.00	-8.49	3	Horizontal	360	1.00	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Fixture

22/07/2020

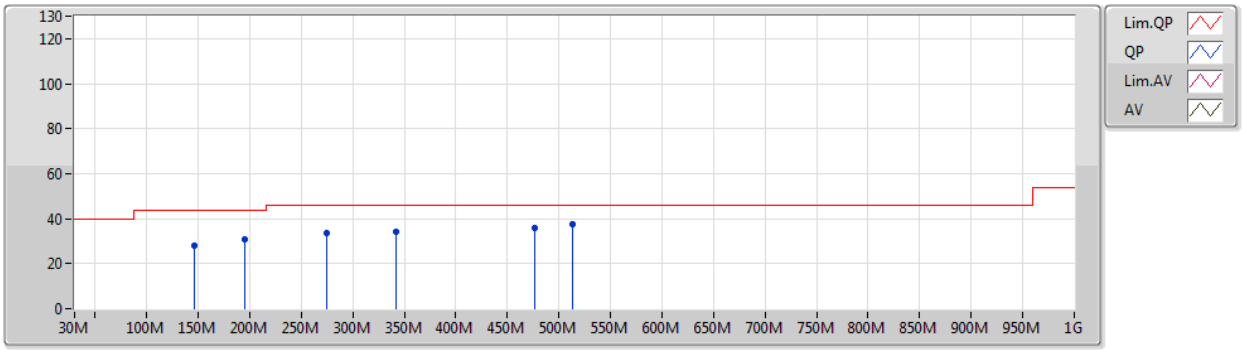


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	99.84M	28.54	43.50	-14.96	-9.86	3	Vertical	0	1.00	-	38.40	15.93	1.60	27.39
PK	173.56M	30.38	43.50	-13.12	-10.42	3	Vertical	0	1.00	-	40.80	14.50	2.14	27.06
PK	204.6M	30.43	43.50	-13.07	-10.26	3	Vertical	0	1.00	-	40.69	14.31	2.33	26.90
PK	344.28M	34.54	46.00	-11.46	-4.59	3	Vertical	0	1.00	-	39.13	19.24	3.08	26.91
PK	470.38M	40.36	46.00	-5.64	-1.77	3	Vertical	0	1.00	-	42.13	22.44	3.52	27.73
PK	586.78M	36.97	46.00	-9.03	-0.33	3	Vertical	0	1.00	-	37.30	23.63	4.05	28.01

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_Fixture

22/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	146.4M	27.83	43.50	-15.67	-9.77	3	Horizontal	360	1.00	-	37.60	15.50	1.93	27.20
PK	194.9M	30.77	43.50	-12.73	-10.57	3	Horizontal	360	1.00	-	41.34	14.11	2.27	26.95
PK	274.44M	33.66	46.00	-12.34	-6.00	3	Horizontal	360	1.00	-	39.66	17.93	2.75	26.68
PK	342.34M	33.98	46.00	-12.02	-4.64	3	Horizontal	360	1.00	-	38.62	19.19	3.07	26.90
PK	476.2M	35.87	46.00	-10.13	-1.68	3	Horizontal	360	1.00	-	37.55	22.50	3.56	27.74
PK	513.06M	37.51	46.00	-8.49	-1.59	3	Horizontal	360	1.00	-	39.10	22.51	3.75	27.85

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)_2TX	Pass	AV	2.3862G	53.57	54.00	-0.43	3	Horizontal	134	1.51	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	50.90	54.00	-3.10	3	Horizontal	134	1.48	-
802.11n HT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Horizontal	248	1.53	-
802.11n HT40_Nss1,(MCS0)_2TX	Pass	AV	2.4842G	53.72	54.00	-0.28	3	Horizontal	248	1.53	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3856G	48.81	54.00	-5.19	3	Vertical	221	1.48	-
2412MHz	Pass	AV	2.4112G	88.12	Inf	-Inf	3	Vertical	221	1.48	-
2412MHz	Pass	PK	2.3866G	60.76	74.00	-13.24	3	Vertical	221	1.48	-
2412MHz	Pass	PK	2.412G	90.78	Inf	-Inf	3	Vertical	221	1.48	-
2412MHz	Pass	AV	2.3862G	53.57	54.00	-0.43	3	Horizontal	134	1.51	-
2412MHz	Pass	AV	2.4112G	97.72	Inf	-Inf	3	Horizontal	134	1.51	-
2412MHz	Pass	PK	2.39G	62.76	74.00	-11.24	3	Horizontal	134	1.51	-
2412MHz	Pass	PK	2.4118G	100.27	Inf	-Inf	3	Horizontal	134	1.51	-
2412MHz	Pass	AV	4.824G	36.00	54.00	-18.00	3	Vertical	144	1.50	-
2412MHz	Pass	PK	4.82094G	47.51	74.00	-26.49	3	Vertical	144	1.50	-
2412MHz	Pass	AV	4.82388G	36.36	54.00	-17.64	3	Horizontal	114	1.43	-
2412MHz	Pass	PK	4.8381G	47.14	74.00	-26.86	3	Horizontal	114	1.43	-
2437MHz	Pass	AV	2.3386G	48.70	54.00	-5.30	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.4362G	84.48	Inf	-Inf	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.4854G	49.11	54.00	-4.89	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.3566G	61.47	74.00	-12.53	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.437G	87.18	Inf	-Inf	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.4886G	60.72	74.00	-13.28	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.3378G	48.70	54.00	-5.30	3	Horizontal	135	1.35	-
2437MHz	Pass	AV	2.4362G	91.87	Inf	-Inf	3	Horizontal	135	1.35	-
2437MHz	Pass	AV	2.4862G	49.11	54.00	-4.89	3	Horizontal	135	1.35	-
2437MHz	Pass	PK	2.3662G	61.01	74.00	-12.99	3	Horizontal	135	1.35	-
2437MHz	Pass	PK	2.4366G	94.63	Inf	-Inf	3	Horizontal	135	1.35	-
2437MHz	Pass	PK	2.4998G	60.87	74.00	-13.13	3	Horizontal	135	1.35	-
2437MHz	Pass	AV	4.87388G	37.92	54.00	-16.08	3	Vertical	150	1.46	-
2437MHz	Pass	AV	7.31004G	43.15	54.00	-10.85	3	Vertical	138	2.33	-
2437MHz	Pass	PK	4.87394G	47.25	74.00	-26.75	3	Vertical	150	1.46	-
2437MHz	Pass	PK	7.30974G	53.94	74.00	-20.06	3	Vertical	138	2.33	-
2437MHz	Pass	AV	4.874G	36.82	54.00	-17.18	3	Horizontal	195	1.49	-
2437MHz	Pass	AV	7.3101G	44.16	54.00	-9.84	3	Horizontal	116	1.25	-
2437MHz	Pass	PK	4.8872G	47.86	74.00	-26.14	3	Horizontal	195	1.49	-
2437MHz	Pass	PK	7.31172G	54.50	74.00	-19.50	3	Horizontal	116	1.25	-
2462MHz	Pass	AV	2.4638G	83.18	Inf	-Inf	3	Vertical	199	1.50	-
2462MHz	Pass	AV	2.487G	49.59	54.00	-4.41	3	Vertical	199	1.50	-
2462MHz	Pass	PK	2.463G	85.83	Inf	-Inf	3	Vertical	199	1.50	-
2462MHz	Pass	PK	2.4976G	62.06	74.00	-11.94	3	Vertical	199	1.50	-
2462MHz	Pass	AV	2.4628G	91.34	Inf	-Inf	3	Horizontal	120	1.57	-
2462MHz	Pass	AV	2.4872G	50.69	54.00	-3.31	3	Horizontal	120	1.57	-
2462MHz	Pass	PK	2.462G	94.01	Inf	-Inf	3	Horizontal	120	1.57	-
2462MHz	Pass	PK	2.4872G	61.94	74.00	-12.06	3	Horizontal	120	1.57	-
2462MHz	Pass	AV	4.924G	36.51	54.00	-17.49	3	Vertical	150	1.48	-
2462MHz	Pass	AV	7.38504G	42.41	54.00	-11.59	3	Vertical	155	1.49	-
2462MHz	Pass	PK	4.92208G	46.88	74.00	-27.12	3	Vertical	150	1.48	-
2462MHz	Pass	PK	7.38756G	52.95	74.00	-21.05	3	Vertical	155	1.49	-
2462MHz	Pass	AV	4.92394G	36.23	54.00	-17.77	3	Horizontal	114	1.48	-
2462MHz	Pass	AV	7.3851G	43.31	54.00	-10.69	3	Horizontal	255	1.50	-
2462MHz	Pass	PK	4.9174G	46.56	74.00	-27.44	3	Horizontal	114	1.48	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.38894G	53.24	74.00	-20.76	3	Horizontal	255	1.50	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3656G	48.95	54.00	-5.05	3	Vertical	220	1.48	-
2412MHz	Pass	AV	2.4062G	80.43	Inf	-Inf	3	Vertical	220	1.48	-
2412MHz	Pass	PK	2.3824G	60.95	74.00	-13.05	3	Vertical	220	1.48	-
2412MHz	Pass	PK	2.408G	89.09	Inf	-Inf	3	Vertical	220	1.48	-
2412MHz	Pass	AV	2.39G	50.90	54.00	-3.10	3	Horizontal	134	1.48	-
2412MHz	Pass	AV	2.4064G	90.28	Inf	-Inf	3	Horizontal	134	1.48	-
2412MHz	Pass	PK	2.3894G	64.02	74.00	-9.98	3	Horizontal	134	1.48	-
2412MHz	Pass	PK	2.408G	98.91	Inf	-Inf	3	Horizontal	134	1.48	-
2412MHz	Pass	AV	4.82232G	34.84	54.00	-19.16	3	Vertical	281	1.61	-
2412MHz	Pass	PK	4.81266G	47.89	74.00	-26.11	3	Vertical	281	1.61	-
2412MHz	Pass	AV	4.81842G	34.89	54.00	-19.11	3	Horizontal	259	1.51	-
2412MHz	Pass	PK	4.82346G	47.06	74.00	-26.94	3	Horizontal	259	1.51	-
2417MHz	Pass	AV	2.39G	49.14	54.00	-4.86	3	Vertical	222	1.38	-
2417MHz	Pass	AV	2.4112G	82.67	Inf	-Inf	3	Vertical	222	1.38	-
2417MHz	Pass	PK	2.3766G	60.72	74.00	-13.28	3	Vertical	222	1.38	-
2417MHz	Pass	PK	2.4116G	91.11	Inf	-Inf	3	Vertical	222	1.38	-
2417MHz	Pass	AV	2.3896G	50.20	54.00	-3.80	3	Horizontal	117	1.51	-
2417MHz	Pass	AV	2.4112G	92.43	Inf	-Inf	3	Horizontal	117	1.51	-
2417MHz	Pass	PK	2.3856G	62.79	74.00	-11.21	3	Horizontal	117	1.51	-
2417MHz	Pass	PK	2.4116G	100.78	Inf	-Inf	3	Horizontal	117	1.51	-
2437MHz	Pass	AV	2.3382G	49.18	54.00	-4.82	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.431G	80.71	Inf	-Inf	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.4866G	49.59	54.00	-4.41	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.345G	60.94	74.00	-13.06	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.4326G	89.44	Inf	-Inf	3	Vertical	101	1.20	-
2437MHz	Pass	PK	2.4998G	61.00	74.00	-13.00	3	Vertical	101	1.20	-
2437MHz	Pass	AV	2.3374G	49.19	54.00	-4.81	3	Horizontal	135	1.50	-
2437MHz	Pass	AV	2.4306G	88.41	Inf	-Inf	3	Horizontal	135	1.50	-
2437MHz	Pass	AV	2.4878G	49.81	54.00	-4.19	3	Horizontal	135	1.50	-
2437MHz	Pass	PK	2.3894G	61.91	74.00	-12.09	3	Horizontal	135	1.50	-
2437MHz	Pass	PK	2.4326G	96.76	Inf	-Inf	3	Horizontal	135	1.50	-
2437MHz	Pass	PK	2.497G	61.26	74.00	-12.74	3	Horizontal	135	1.50	-
2437MHz	Pass	AV	4.87388G	35.05	54.00	-18.95	3	Vertical	221	2.35	-
2437MHz	Pass	AV	7.31268G	41.90	54.00	-12.10	3	Vertical	162	1.37	-
2437MHz	Pass	PK	4.86506G	47.78	74.00	-26.22	3	Vertical	221	2.35	-
2437MHz	Pass	PK	7.3092G	54.86	74.00	-19.14	3	Vertical	162	1.37	-
2437MHz	Pass	AV	4.87868G	35.00	54.00	-19.00	3	Horizontal	221	1.95	-
2437MHz	Pass	AV	7.3089G	41.41	54.00	-12.59	3	Horizontal	100	1.09	-
2437MHz	Pass	PK	4.88246G	47.76	74.00	-26.24	3	Horizontal	221	1.95	-
2437MHz	Pass	PK	7.29924G	54.02	74.00	-19.98	3	Horizontal	100	1.09	-
2457MHz	Pass	AV	2.4624G	79.25	Inf	-Inf	3	Vertical	221	1.40	-
2457MHz	Pass	AV	2.4838G	49.90	54.00	-4.10	3	Vertical	221	1.40	-
2457MHz	Pass	PK	2.4622G	87.77	Inf	-Inf	3	Vertical	221	1.40	-
2457MHz	Pass	PK	2.4868G	61.07	74.00	-12.93	3	Vertical	221	1.40	-
2457MHz	Pass	AV	2.4624G	87.72	Inf	-Inf	3	Horizontal	120	1.57	-
2457MHz	Pass	AV	2.4846G	50.35	54.00	-3.65	3	Horizontal	120	1.57	-
2457MHz	Pass	PK	2.4624G	96.16	Inf	-Inf	3	Horizontal	120	1.57	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4838G	62.66	74.00	-11.34	3	Horizontal	120	1.57	-
2462MHz	Pass	AV	2.468G	79.29	Inf	-Inf	3	Vertical	222	1.30	-
2462MHz	Pass	AV	2.4844G	49.90	54.00	-4.10	3	Vertical	222	1.30	-
2462MHz	Pass	PK	2.4668G	88.43	Inf	-Inf	3	Vertical	222	1.30	-
2462MHz	Pass	PK	2.4974G	61.35	74.00	-12.65	3	Vertical	222	1.30	-
2462MHz	Pass	AV	2.468G	84.67	Inf	-Inf	3	Horizontal	138	1.45	-
2462MHz	Pass	AV	2.4838G	50.56	54.00	-3.44	3	Horizontal	138	1.45	-
2462MHz	Pass	PK	2.4668G	93.87	Inf	-Inf	3	Horizontal	138	1.45	-
2462MHz	Pass	PK	2.484G	62.61	74.00	-11.39	3	Horizontal	138	1.45	-
2462MHz	Pass	AV	4.93342G	35.15	54.00	-18.85	3	Vertical	196	1.50	-
2462MHz	Pass	AV	7.39428G	40.83	54.00	-13.17	3	Vertical	182	1.66	-
2462MHz	Pass	PK	4.91914G	47.70	74.00	-26.30	3	Vertical	196	1.50	-
2462MHz	Pass	PK	7.37118G	52.75	74.00	-21.25	3	Vertical	182	1.66	-
2462MHz	Pass	AV	4.93798G	34.96	54.00	-19.04	3	Horizontal	193	2.52	-
2462MHz	Pass	AV	7.3722G	40.79	54.00	-13.21	3	Horizontal	314	1.50	-
2462MHz	Pass	PK	4.91614G	47.41	74.00	-26.59	3	Horizontal	193	2.52	-
2462MHz	Pass	PK	7.38804G	52.68	74.00	-21.32	3	Horizontal	314	1.50	-
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.36	54.00	-4.64	3	Vertical	224	2.37	-
2412MHz	Pass	AV	2.4058G	80.20	Inf	-Inf	3	Vertical	224	2.37	-
2412MHz	Pass	PK	2.3896G	61.58	74.00	-12.42	3	Vertical	224	2.37	-
2412MHz	Pass	PK	2.4082G	88.84	Inf	-Inf	3	Vertical	224	2.37	-
2412MHz	Pass	AV	2.3894G	50.40	54.00	-3.60	3	Horizontal	117	1.51	-
2412MHz	Pass	AV	2.4066G	89.93	Inf	-Inf	3	Horizontal	117	1.51	-
2412MHz	Pass	PK	2.3894G	63.16	74.00	-10.84	3	Horizontal	117	1.51	-
2412MHz	Pass	PK	2.408G	98.80	Inf	-Inf	3	Horizontal	117	1.51	-
2412MHz	Pass	AV	4.82052G	34.97	54.00	-19.03	3	Vertical	96	1.44	-
2412MHz	Pass	PK	4.83726G	47.00	74.00	-27.00	3	Vertical	96	1.44	-
2412MHz	Pass	AV	4.821G	34.85	54.00	-19.15	3	Horizontal	129	1.95	-
2412MHz	Pass	PK	4.83078G	47.02	74.00	-26.98	3	Horizontal	129	1.95	-
2417MHz	Pass	AV	2.39G	49.80	54.00	-4.20	3	Vertical	245	1.01	-
2417MHz	Pass	AV	2.4224G	91.35	Inf	-Inf	3	Vertical	245	1.01	-
2417MHz	Pass	PK	2.3892G	61.63	74.00	-12.37	3	Vertical	245	1.01	-
2417MHz	Pass	PK	2.4122G	100.31	Inf	-Inf	3	Vertical	245	1.01	-
2417MHz	Pass	AV	2.3898G	52.18	54.00	-1.82	3	Horizontal	240	1.23	-
2417MHz	Pass	AV	2.4108G	98.22	Inf	-Inf	3	Horizontal	240	1.23	-
2417MHz	Pass	PK	2.3892G	64.02	74.00	-9.98	3	Horizontal	240	1.23	-
2417MHz	Pass	PK	2.4138G	107.18	Inf	-Inf	3	Horizontal	240	1.23	-
2437MHz	Pass	AV	2.3374G	49.28	54.00	-4.72	3	Vertical	219	2.13	-
2437MHz	Pass	AV	2.4302G	77.95	Inf	-Inf	3	Vertical	219	2.13	-
2437MHz	Pass	AV	2.4906G	49.89	54.00	-4.11	3	Vertical	219	2.13	-
2437MHz	Pass	PK	2.3382G	61.33	74.00	-12.67	3	Vertical	219	2.13	-
2437MHz	Pass	PK	2.4314G	86.58	Inf	-Inf	3	Vertical	219	2.13	-
2437MHz	Pass	PK	2.4898G	61.43	74.00	-12.57	3	Vertical	219	2.13	-
2437MHz	Pass	AV	2.3386G	49.27	54.00	-4.73	3	Horizontal	117	1.49	-
2437MHz	Pass	AV	2.4302G	89.04	Inf	-Inf	3	Horizontal	117	1.49	-
2437MHz	Pass	AV	2.4862G	49.68	54.00	-4.32	3	Horizontal	117	1.49	-
2437MHz	Pass	PK	2.349G	60.61	74.00	-13.39	3	Horizontal	117	1.49	-
2437MHz	Pass	PK	2.4294G	97.67	Inf	-Inf	3	Horizontal	117	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4974G	61.28	74.00	-12.72	3	Horizontal	117	1.49	-
2437MHz	Pass	AV	4.87364G	35.05	54.00	-18.95	3	Vertical	176	1.87	-
2437MHz	Pass	AV	7.311G	42.09	54.00	-11.91	3	Vertical	162	1.35	-
2437MHz	Pass	PK	4.87436G	47.51	74.00	-26.49	3	Vertical	176	1.87	-
2437MHz	Pass	PK	7.3152G	53.99	74.00	-20.01	3	Vertical	162	1.35	-
2437MHz	Pass	AV	4.87754G	34.99	54.00	-19.01	3	Horizontal	55	1.74	-
2437MHz	Pass	AV	7.31064G	42.18	54.00	-11.82	3	Horizontal	115	1.10	-
2437MHz	Pass	PK	4.88096G	47.15	74.00	-26.85	3	Horizontal	55	1.74	-
2437MHz	Pass	PK	7.31136G	54.53	74.00	-19.47	3	Horizontal	115	1.10	-
2457MHz	Pass	AV	2.4624G	91.60	Inf	-Inf	3	Vertical	242	1.01	-
2457MHz	Pass	AV	2.4846G	50.13	54.00	-3.87	3	Vertical	242	1.01	-
2457MHz	Pass	PK	2.4626G	100.57	Inf	-Inf	3	Vertical	242	1.01	-
2457MHz	Pass	PK	2.4852G	61.86	74.00	-12.14	3	Vertical	242	1.01	-
2457MHz	Pass	AV	2.4634G	98.65	Inf	-Inf	3	Horizontal	248	1.53	-
2457MHz	Pass	AV	2.4835G	53.71	54.00	-0.29	3	Horizontal	248	1.53	-
2457MHz	Pass	PK	2.4626G	107.52	Inf	-Inf	3	Horizontal	248	1.53	-
2457MHz	Pass	PK	2.4846G	67.40	74.00	-6.60	3	Horizontal	248	1.53	-
2462MHz	Pass	AV	2.4684G	77.09	Inf	-Inf	3	Vertical	221	2.42	-
2462MHz	Pass	AV	2.4835G	49.89	54.00	-4.11	3	Vertical	221	2.42	-
2462MHz	Pass	PK	2.469G	85.85	Inf	-Inf	3	Vertical	221	2.42	-
2462MHz	Pass	PK	2.49G	61.78	74.00	-12.22	3	Vertical	221	2.42	-
2462MHz	Pass	AV	2.4684G	84.64	Inf	-Inf	3	Horizontal	138	1.47	-
2462MHz	Pass	AV	2.4836G	50.97	54.00	-3.03	3	Horizontal	138	1.47	-
2462MHz	Pass	PK	2.4692G	93.18	Inf	-Inf	3	Horizontal	138	1.47	-
2462MHz	Pass	PK	2.4844G	63.52	74.00	-10.48	3	Horizontal	138	1.47	-
2462MHz	Pass	AV	4.93708G	35.27	54.00	-18.73	3	Vertical	297	1.72	-
2462MHz	Pass	AV	7.37664G	41.08	54.00	-12.92	3	Vertical	127	1.88	-
2462MHz	Pass	PK	4.93852G	47.57	74.00	-26.43	3	Vertical	297	1.72	-
2462MHz	Pass	PK	7.37892G	53.05	74.00	-20.95	3	Vertical	127	1.88	-
2462MHz	Pass	AV	4.9297G	35.02	54.00	-18.98	3	Horizontal	40	1.78	-
2462MHz	Pass	AV	7.3758G	41.28	54.00	-12.72	3	Horizontal	112	1.79	-
2462MHz	Pass	PK	4.93018G	47.74	74.00	-26.26	3	Horizontal	40	1.78	-
2462MHz	Pass	PK	7.37382G	53.25	74.00	-20.75	3	Horizontal	112	1.79	-
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	50.59	54.00	-3.41	3	Vertical	247	1.43	-
2422MHz	Pass	AV	2.4192G	84.21	Inf	-Inf	3	Vertical	247	1.43	-
2422MHz	Pass	AV	2.484G	50.34	54.00	-3.66	3	Vertical	247	1.43	-
2422MHz	Pass	PK	2.386G	61.13	74.00	-12.87	3	Vertical	247	1.43	-
2422MHz	Pass	PK	2.4176G	92.58	Inf	-Inf	3	Vertical	247	1.43	-
2422MHz	Pass	PK	2.4992G	61.39	74.00	-12.61	3	Vertical	247	1.43	-
2422MHz	Pass	AV	2.39G	53.11	54.00	-0.89	3	Horizontal	255	1.47	-
2422MHz	Pass	AV	2.4072G	90.72	Inf	-Inf	3	Horizontal	255	1.47	-
2422MHz	Pass	AV	2.486G	50.36	54.00	-3.64	3	Horizontal	255	1.47	-
2422MHz	Pass	PK	2.3852G	64.02	74.00	-9.98	3	Horizontal	255	1.47	-
2422MHz	Pass	PK	2.4376G	98.75	Inf	-Inf	3	Horizontal	255	1.47	-
2422MHz	Pass	PK	2.4956G	61.35	74.00	-12.65	3	Horizontal	255	1.47	-
2422MHz	Pass	AV	4.84056G	35.68	54.00	-18.32	3	Vertical	59	1.50	-
2422MHz	Pass	AV	7.27648G	41.65	54.00	-12.35	3	Vertical	111	1.28	-
2422MHz	Pass	PK	4.82832G	47.25	74.00	-26.75	3	Vertical	59	1.50	-

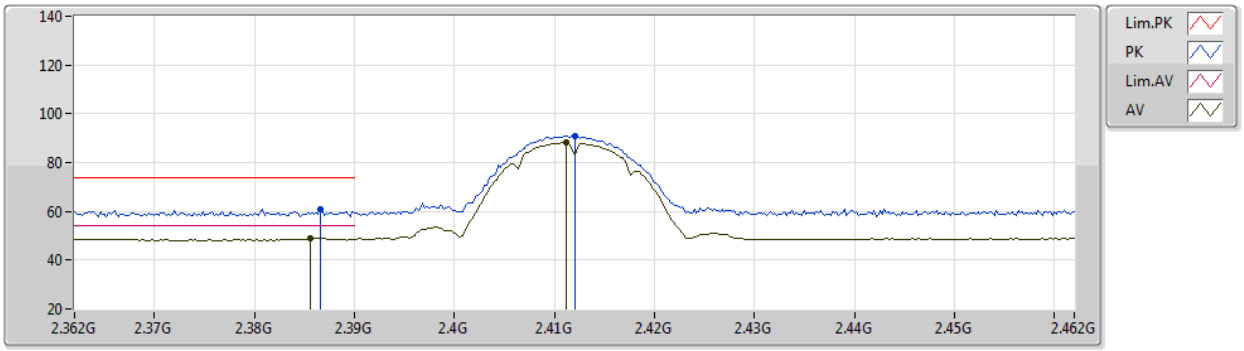
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.26136G	53.18	74.00	-20.82	3	Vertical	111	1.28	-
2422MHz	Pass	AV	4.83744G	35.59	54.00	-18.41	3	Horizontal	157	1.93	-
2422MHz	Pass	AV	7.27776G	41.56	54.00	-12.44	3	Horizontal	187	1.09	-
2422MHz	Pass	PK	4.86168G	46.91	74.00	-27.09	3	Horizontal	157	1.93	-
2422MHz	Pass	PK	7.28088G	53.26	74.00	-20.74	3	Horizontal	187	1.09	-
2427MHz	Pass	AV	2.3894G	50.40	54.00	-3.60	3	Vertical	244	1.01	-
2427MHz	Pass	AV	2.4246G	84.91	Inf	-Inf	3	Vertical	244	1.01	-
2427MHz	Pass	AV	2.491G	50.33	54.00	-3.67	3	Vertical	244	1.01	-
2427MHz	Pass	PK	2.3522G	61.60	74.00	-12.40	3	Vertical	244	1.01	-
2427MHz	Pass	PK	2.4246G	94.28	Inf	-Inf	3	Vertical	244	1.01	-
2427MHz	Pass	PK	2.4994G	61.57	74.00	-12.43	3	Vertical	244	1.01	-
2427MHz	Pass	AV	2.3898G	51.51	54.00	-2.49	3	Horizontal	250	1.45	-
2427MHz	Pass	AV	2.4426G	90.58	Inf	-Inf	3	Horizontal	250	1.45	-
2427MHz	Pass	AV	2.485G	50.35	54.00	-3.65	3	Horizontal	250	1.45	-
2427MHz	Pass	PK	2.3878G	61.74	74.00	-12.26	3	Horizontal	250	1.45	-
2427MHz	Pass	PK	2.4418G	98.87	Inf	-Inf	3	Horizontal	250	1.45	-
2427MHz	Pass	PK	2.497G	61.22	74.00	-12.78	3	Horizontal	250	1.45	-
2437MHz	Pass	AV	2.389G	50.20	54.00	-3.80	3	Vertical	246	1.29	-
2437MHz	Pass	AV	2.4502G	85.54	Inf	-Inf	3	Vertical	246	1.29	-
2437MHz	Pass	AV	2.485G	50.35	54.00	-3.65	3	Vertical	246	1.29	-
2437MHz	Pass	PK	2.383G	61.25	74.00	-12.75	3	Vertical	246	1.29	-
2437MHz	Pass	PK	2.4218G	94.60	Inf	-Inf	3	Vertical	246	1.29	-
2437MHz	Pass	PK	2.4835G	61.55	74.00	-12.45	3	Vertical	246	1.29	-
2437MHz	Pass	AV	2.3898G	50.60	54.00	-3.40	3	Horizontal	250	1.47	-
2437MHz	Pass	AV	2.4502G	92.23	Inf	-Inf	3	Horizontal	250	1.47	-
2437MHz	Pass	AV	2.4835G	51.74	54.00	-2.26	3	Horizontal	250	1.47	-
2437MHz	Pass	PK	2.3894G	61.84	74.00	-12.16	3	Horizontal	250	1.47	-
2437MHz	Pass	PK	2.4518G	100.54	Inf	-Inf	3	Horizontal	250	1.47	-
2437MHz	Pass	PK	2.4862G	62.63	74.00	-11.37	3	Horizontal	250	1.47	-
2437MHz	Pass	AV	4.88904G	35.42	54.00	-18.58	3	Vertical	192	1.26	-
2437MHz	Pass	AV	7.29596G	41.49	54.00	-12.51	3	Vertical	202	1.36	-
2437MHz	Pass	PK	4.86904G	46.99	74.00	-27.01	3	Vertical	192	1.26	-
2437MHz	Pass	PK	7.32972G	52.78	74.00	-21.22	3	Vertical	202	1.36	-
2437MHz	Pass	AV	4.87976G	35.52	54.00	-18.48	3	Horizontal	250	150	-
2437MHz	Pass	AV	7.29532G	41.58	54.00	-12.42	3	Horizontal	196	2.17	-
2437MHz	Pass	PK	4.8768G	46.80	74.00	-27.20	3	Horizontal	250	150	-
2437MHz	Pass	PK	7.29932G	53.25	74.00	-20.75	3	Horizontal	196	2.17	-
2447MHz	Pass	AV	2.3474G	50.27	54.00	-3.73	3	Vertical	241	1.05	-
2447MHz	Pass	AV	2.4614G	85.84	Inf	-Inf	3	Vertical	241	1.05	-
2447MHz	Pass	AV	2.4854G	50.78	54.00	-3.22	3	Vertical	241	1.05	-
2447MHz	Pass	PK	2.351G	61.44	74.00	-12.56	3	Vertical	241	1.05	-
2447MHz	Pass	PK	2.4602G	94.05	Inf	-Inf	3	Vertical	241	1.05	-
2447MHz	Pass	PK	2.487G	61.62	74.00	-12.38	3	Vertical	241	1.05	-
2447MHz	Pass	AV	2.357G	49.99	54.00	-4.01	3	Horizontal	248	1.53	-
2447MHz	Pass	AV	2.4622G	92.58	Inf	-Inf	3	Horizontal	248	1.53	-
2447MHz	Pass	AV	2.4842G	53.72	54.00	-0.28	3	Horizontal	248	1.53	-
2447MHz	Pass	PK	2.3706G	60.46	74.00	-13.54	3	Horizontal	248	1.53	-
2447MHz	Pass	PK	2.4602G	100.30	Inf	-Inf	3	Horizontal	248	1.53	-
2447MHz	Pass	PK	2.485G	66.70	74.00	-7.30	3	Horizontal	248	1.53	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.3732G	49.86	54.00	-4.14	3	Vertical	241	1.10	-
2452MHz	Pass	AV	2.4656G	84.68	Inf	-Inf	3	Vertical	241	1.10	-
2452MHz	Pass	AV	2.486G	50.78	54.00	-3.22	3	Vertical	241	1.10	-
2452MHz	Pass	PK	2.3528G	60.65	74.00	-13.35	3	Vertical	241	1.10	-
2452MHz	Pass	PK	2.4652G	93.29	Inf	-Inf	3	Vertical	241	1.10	-
2452MHz	Pass	PK	2.4852G	62.09	74.00	-11.91	3	Vertical	241	1.10	-
2452MHz	Pass	AV	2.3648G	49.93	54.00	-4.07	3	Horizontal	247	1.52	-
2452MHz	Pass	AV	2.466G	92.41	Inf	-Inf	3	Horizontal	247	1.52	-
2452MHz	Pass	AV	2.484G	53.27	54.00	-0.73	3	Horizontal	247	1.52	-
2452MHz	Pass	PK	2.3884G	60.60	74.00	-13.40	3	Horizontal	247	1.52	-
2452MHz	Pass	PK	2.4652G	101.05	Inf	-Inf	3	Horizontal	247	1.52	-
2452MHz	Pass	PK	2.4872G	65.95	74.00	-8.05	3	Horizontal	247	1.52	-
2452MHz	Pass	AV	4.89672G	35.58	54.00	-18.42	3	Vertical	187	1.18	-
2452MHz	Pass	AV	7.35576G	41.44	54.00	-12.56	3	Vertical	91	1.61	-
2452MHz	Pass	PK	4.90976G	46.83	74.00	-27.17	3	Vertical	187	1.18	-
2452MHz	Pass	PK	7.35304G	52.64	74.00	-21.36	3	Vertical	91	1.61	-
2452MHz	Pass	AV	4.91168G	35.39	54.00	-18.61	3	Horizontal	305	2.43	-
2452MHz	Pass	AV	7.35888G	41.62	54.00	-12.38	3	Horizontal	296	2.36	-
2452MHz	Pass	PK	4.90216G	45.97	74.00	-28.03	3	Horizontal	305	2.43	-
2452MHz	Pass	PK	7.35424G	53.14	74.00	-20.86	3	Horizontal	296	2.36	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

20/07/2020

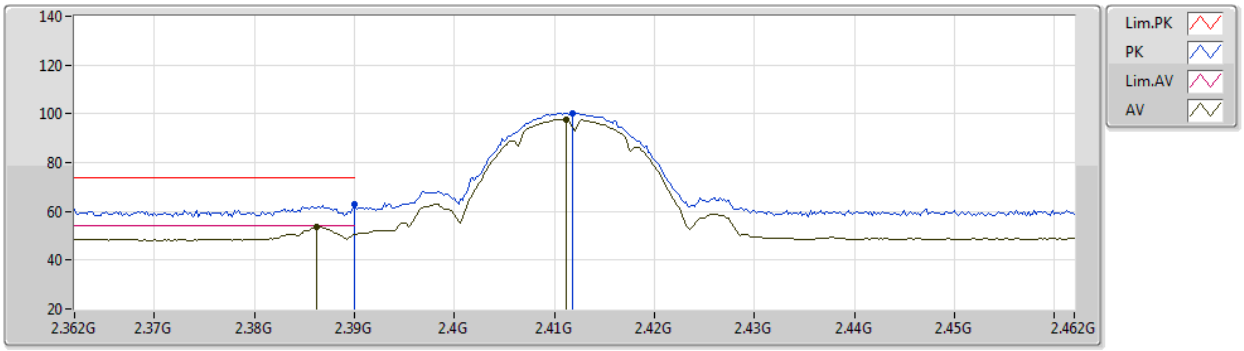


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3856G	48.81	54.00	-5.19	32.91	3	Vertical	221	1.48	-	15.90	27.63	5.28	-
AV	2.4112G	88.12	Inf	-Inf	32.89	3	Vertical	221	1.48	-	55.23	27.58	5.31	-
PK	2.3866G	60.76	74.00	-13.24	32.91	3	Vertical	221	1.48	-	27.85	27.63	5.28	-
PK	2.412G	90.78	Inf	-Inf	32.89	3	Vertical	221	1.48	-	57.89	27.58	5.31	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

20/07/2020

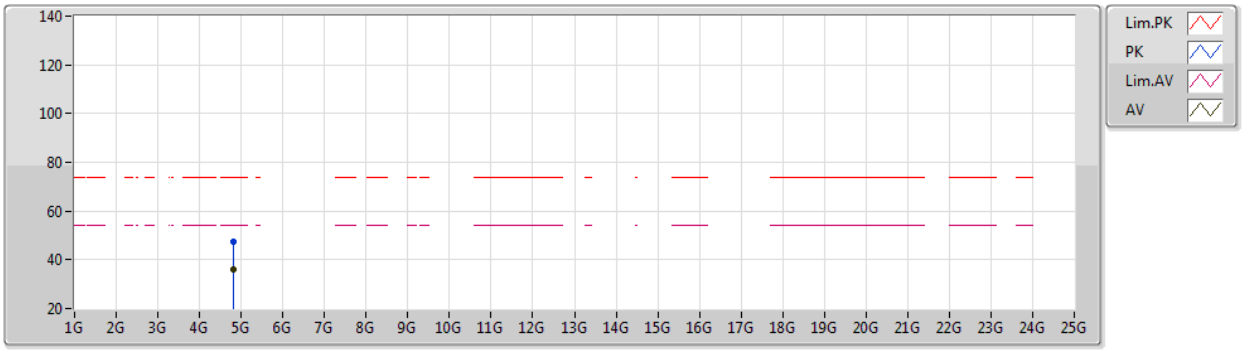


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3862G	53.57	54.00	-0.43	32.91	3	Horizontal	134	1.51	-	20.66	27.63	5.28	-
AV	2.4112G	97.72	Inf	-Inf	32.89	3	Horizontal	134	1.51	-	64.83	27.58	5.31	-
PK	2.39G	62.76	74.00	-11.24	32.91	3	Horizontal	134	1.51	-	29.85	27.62	5.29	-
PK	2.4118G	100.27	Inf	-Inf	32.89	3	Horizontal	134	1.51	-	67.38	27.58	5.31	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

20/07/2020

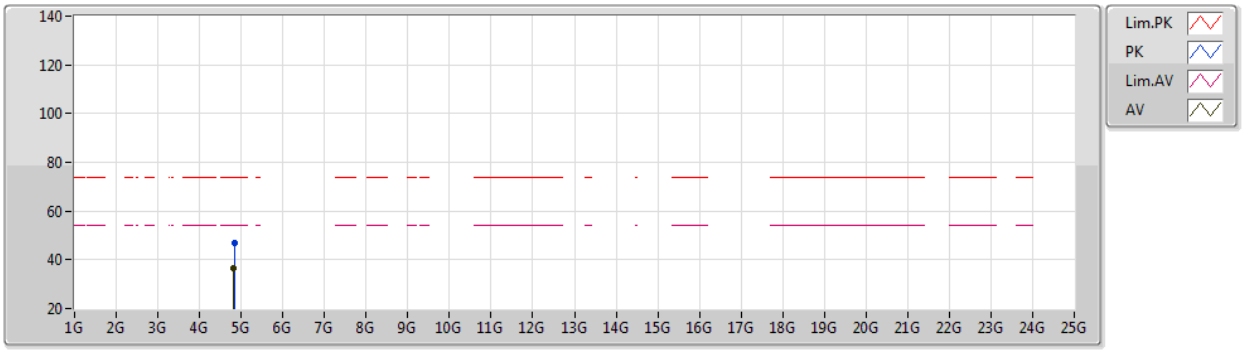


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	36.00	54.00	-18.00	8.81	3	Vertical	144	1.50	-	27.19	31.10	7.11	29.40
PK	4.82094G	47.51	74.00	-26.49	8.81	3	Vertical	144	1.50	-	38.70	31.10	7.11	29.40

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

20/07/2020

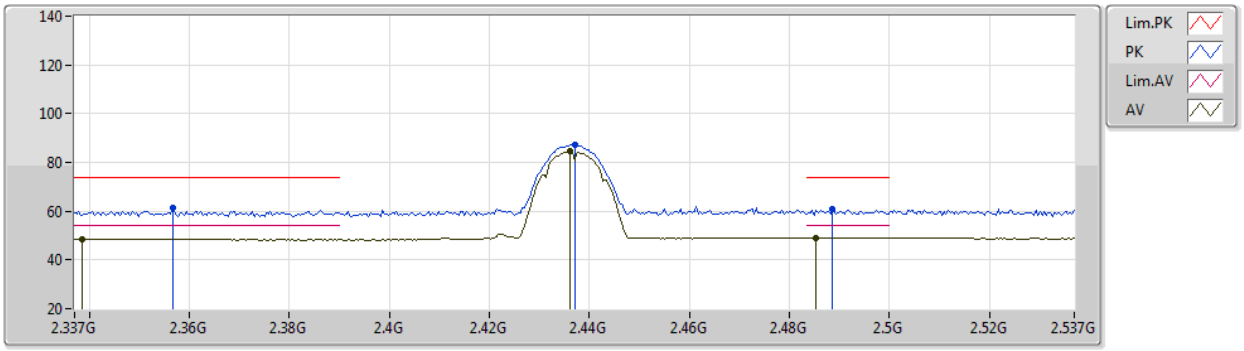


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82388G	36.36	54.00	-17.64	8.81	3	Horizontal	114	1.43	-	27.55	31.10	7.11	29.40
PK	4.8381G	47.14	74.00	-26.86	8.83	3	Horizontal	114	1.43	-	38.31	31.10	7.12	29.39

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

20/07/2020

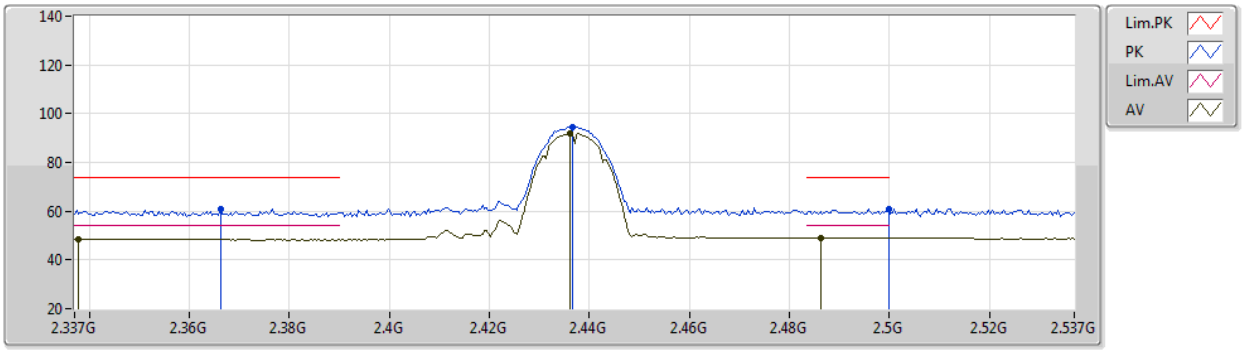


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3386G	48.70	54.00	-5.30	32.96	3	Vertical	101	1.20	-	15.74	27.75	5.21	-
AV	2.4362G	84.48	Inf	-Inf	32.87	3	Vertical	101	1.20	-	51.61	27.53	5.34	-
AV	2.4854G	49.11	54.00	-4.89	32.82	3	Vertical	101	1.20	-	16.29	27.43	5.39	-
PK	2.3566G	61.47	74.00	-12.53	32.92	3	Vertical	101	1.20	-	28.55	27.69	5.23	-
PK	2.437G	87.18	Inf	-Inf	32.87	3	Vertical	101	1.20	-	54.31	27.53	5.34	-
PK	2.4886G	60.72	74.00	-13.28	32.81	3	Vertical	101	1.20	-	27.91	27.42	5.39	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

20/07/2020

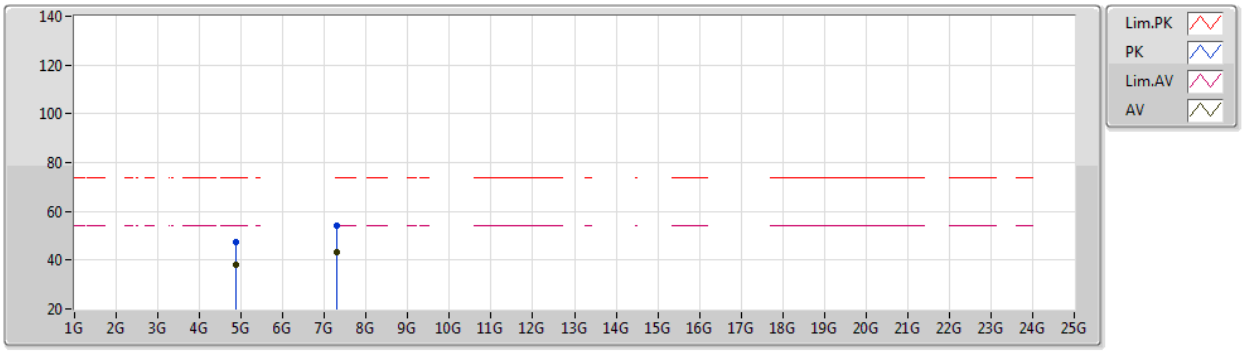


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3378G	48.70	54.00	-5.30	32.96	3	Horizontal	135	1.35	-	15.74	27.75	5.21	-
AV	2.4362G	91.87	Inf	-Inf	32.87	3	Horizontal	135	1.35	-	59.00	27.53	5.34	-
AV	2.4862G	49.11	54.00	-4.89	32.82	3	Horizontal	135	1.35	-	16.29	27.43	5.39	-
PK	2.3662G	61.01	74.00	-12.99	32.92	3	Horizontal	135	1.35	-	28.09	27.67	5.25	-
PK	2.4366G	94.63	Inf	-Inf	32.87	3	Horizontal	135	1.35	-	61.76	27.53	5.34	-
PK	2.4998G	60.87	74.00	-13.13	32.80	3	Horizontal	135	1.35	-	28.07	27.40	5.40	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

20/07/2020

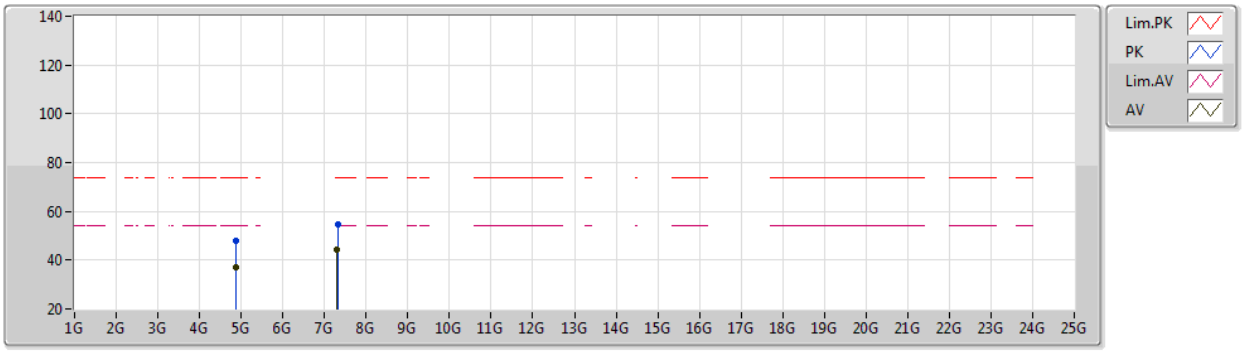


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87388G	37.92	54.00	-16.08	8.86	3	Vertical	150	1.46	-	29.06	31.10	7.14	29.38
AV	7.31004G	43.15	54.00	-10.85	14.26	3	Vertical	138	2.33	-	28.89	36.32	8.30	30.36
PK	4.87394G	47.25	74.00	-26.75	8.86	3	Vertical	150	1.46	-	38.39	31.10	7.14	29.38
PK	7.30974G	53.94	74.00	-20.06	14.26	3	Vertical	138	2.33	-	39.68	36.32	8.30	30.36

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

20/07/2020

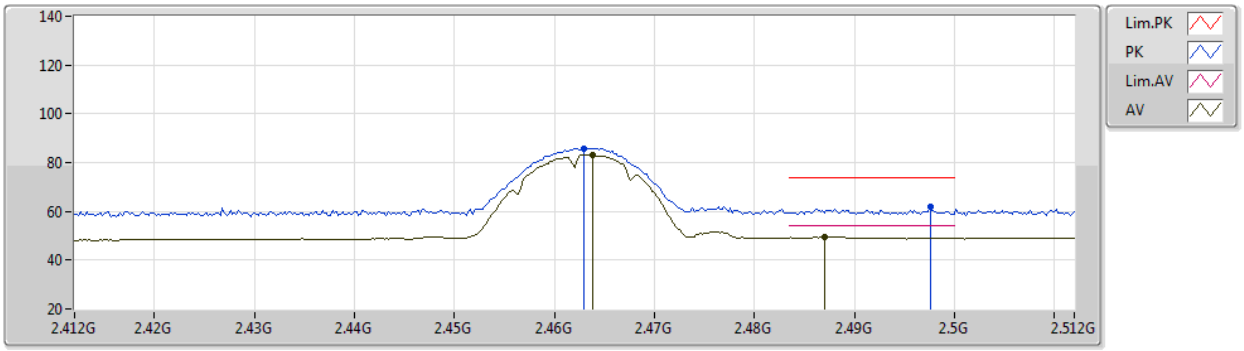


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	36.82	54.00	-17.18	8.86	3	Horizontal	195	1.49	-	27.96	31.10	7.14	29.38
AV	7.3101G	44.16	54.00	-9.84	14.26	3	Horizontal	116	1.25	-	29.90	36.32	8.30	30.36
PK	4.8872G	47.86	74.00	-26.14	8.87	3	Horizontal	195	1.49	-	38.99	31.10	7.14	29.37
PK	7.31172G	54.50	74.00	-19.50	14.26	3	Horizontal	116	1.25	-	40.24	36.32	8.30	30.36

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

21/07/2020

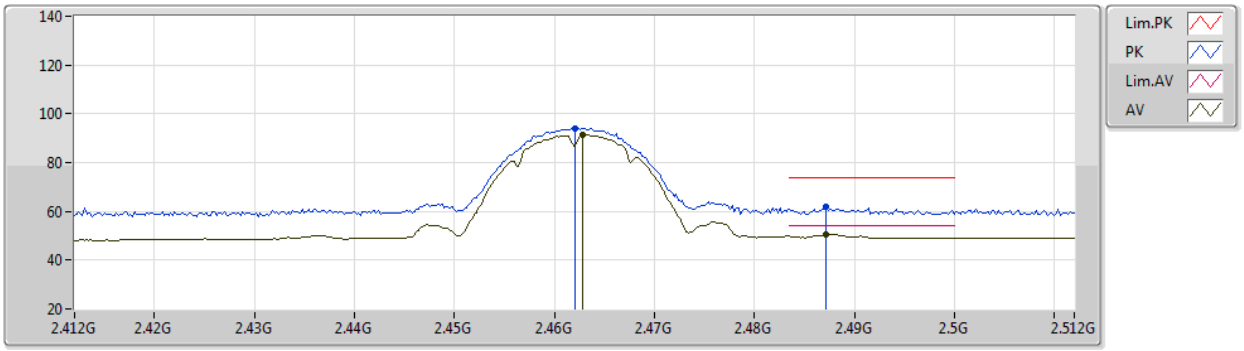


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4638G	83.18	Inf	-Inf	32.83	3	Vertical	199	1.50	-	50.35	27.47	5.36	-
AV	2.487G	49.59	54.00	-4.41	32.82	3	Vertical	199	1.50	-	16.77	27.43	5.39	-
PK	2.463G	85.83	Inf	-Inf	32.83	3	Vertical	199	1.50	-	53.00	27.47	5.36	-
PK	2.4976G	62.06	74.00	-11.94	32.80	3	Vertical	199	1.50	-	29.26	27.40	5.40	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

21/07/2020

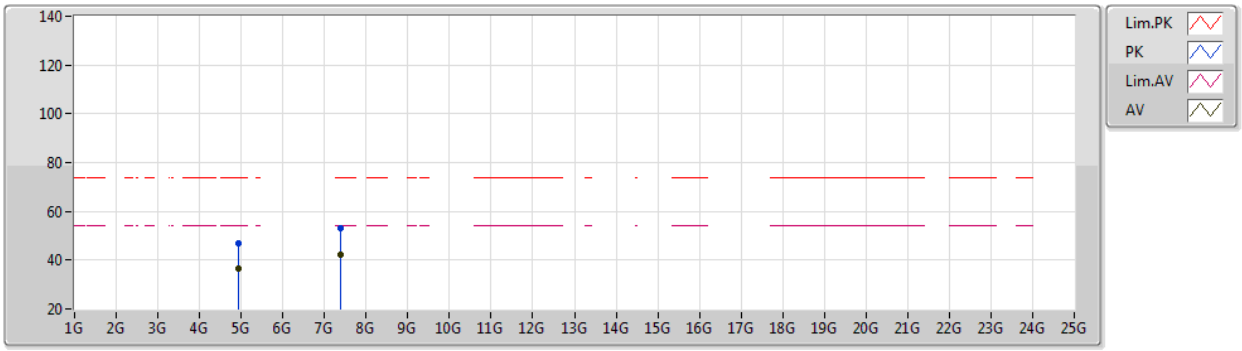


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	91.34	Inf	-Inf	32.83	3	Horizontal	120	1.57	-	58.51	27.47	5.36	-
AV	2.4872G	50.69	54.00	-3.31	32.82	3	Horizontal	120	1.57	-	17.87	27.43	5.39	-
PK	2.462G	94.01	Inf	-Inf	32.84	3	Horizontal	120	1.57	-	61.17	27.48	5.36	-
PK	2.4872G	61.94	74.00	-12.06	32.82	3	Horizontal	120	1.57	-	29.12	27.43	5.39	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

21/07/2020

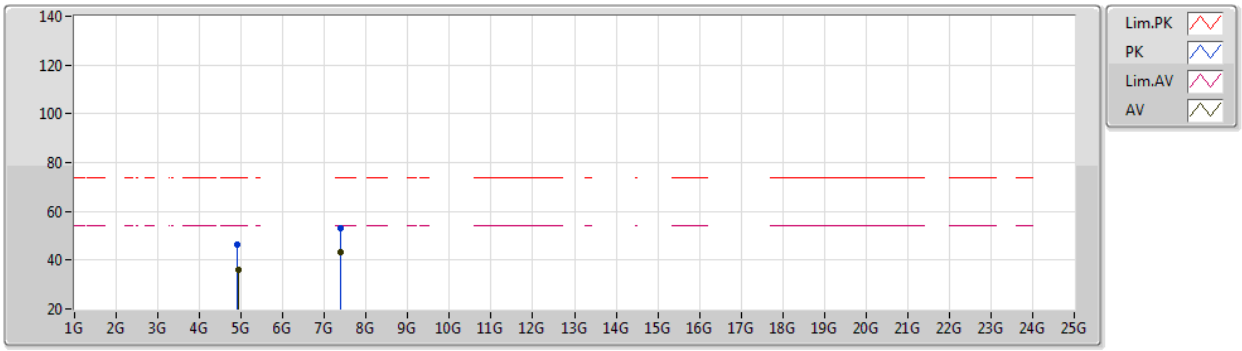


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.924G	36.51	54.00	-17.49	8.96	3	Vertical	150	1.48	-	27.55	31.15	7.16	29.35
AV	7.38504G	42.41	54.00	-11.59	14.00	3	Vertical	155	1.49	-	28.41	36.12	8.30	30.42
PK	4.92208G	46.88	74.00	-27.12	8.94	3	Vertical	150	1.48	-	37.94	31.14	7.16	29.36
PK	7.38756G	52.95	74.00	-21.05	13.98	3	Vertical	155	1.49	-	38.97	36.10	8.30	30.42

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

21/07/2020

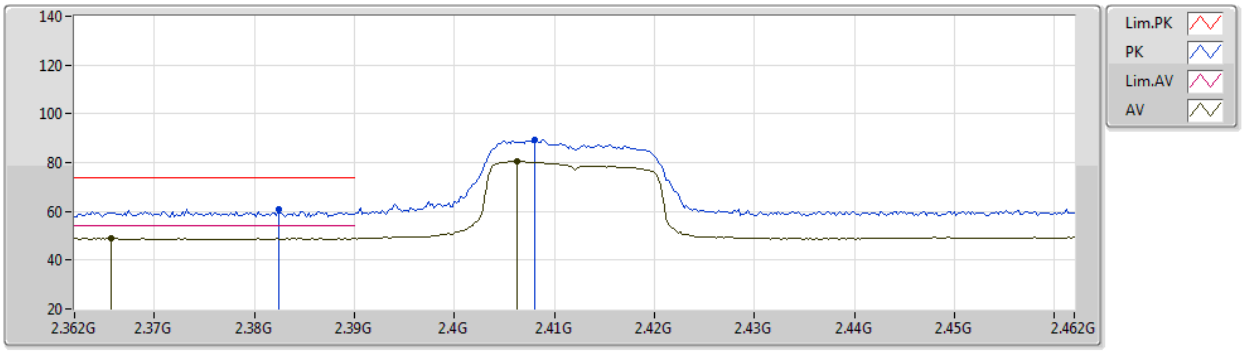


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92394G	36.23	54.00	-17.77	8.96	3	Horizontal	114	1.48	-	27.27	31.15	7.16	29.35
AV	7.3851G	43.31	54.00	-10.69	14.00	3	Horizontal	255	1.50	-	29.31	36.12	8.30	30.42
PK	4.9174G	46.56	74.00	-27.44	8.93	3	Horizontal	114	1.48	-	37.63	31.13	7.16	29.36
PK	7.38894G	53.24	74.00	-20.76	13.97	3	Horizontal	255	1.50	-	39.27	36.09	8.30	30.42

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

21/07/2020

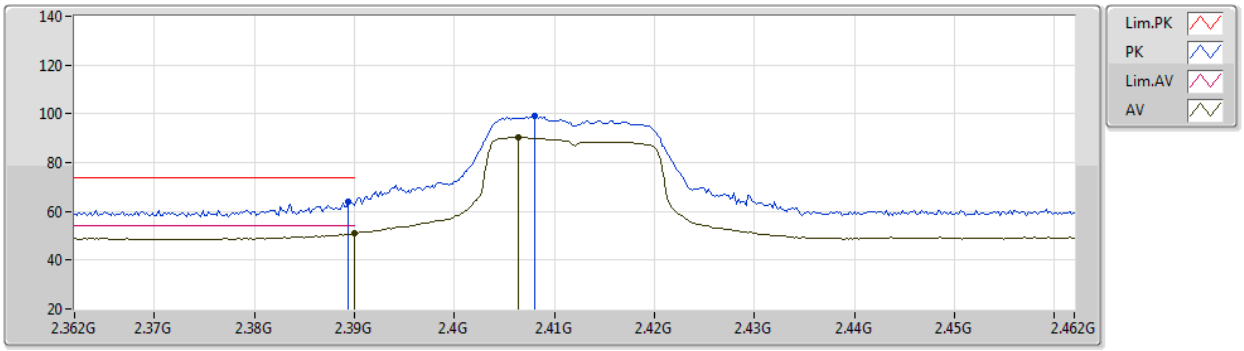


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3656G	48.95	54.00	-5.05	32.92	3	Vertical	220	1.48	-	16.03	27.67	5.25	-
AV	2.4062G	80.43	Inf	-Inf	32.90	3	Vertical	220	1.48	-	47.53	27.59	5.31	-
PK	2.3824G	60.95	74.00	-13.05	32.91	3	Vertical	220	1.48	-	28.04	27.64	5.27	-
PK	2.408G	89.09	Inf	-Inf	32.89	3	Vertical	220	1.48	-	56.20	27.58	5.31	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

21/07/2020

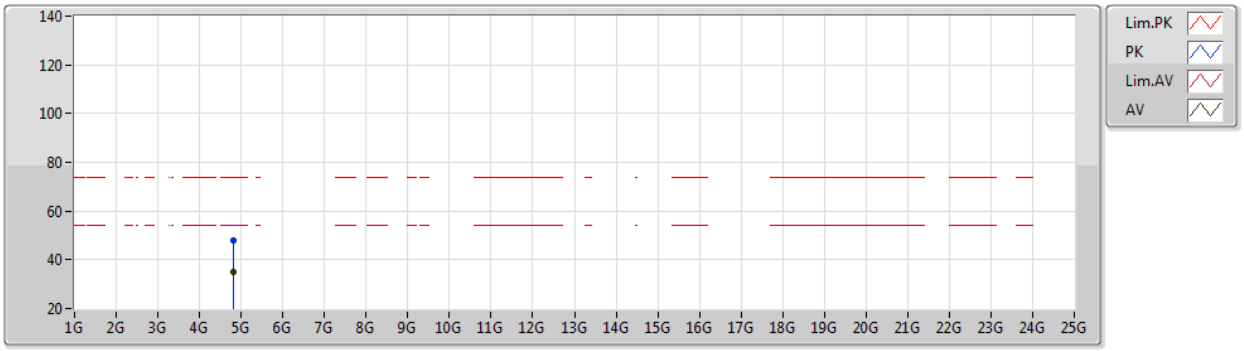


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	50.90	54.00	-3.10	32.91	3	Horizontal	134	1.48	-	17.99	27.62	5.29	-
AV	2.4064G	90.28	Inf	-Inf	32.90	3	Horizontal	134	1.48	-	57.38	27.59	5.31	-
PK	2.3894G	64.02	74.00	-9.98	32.90	3	Horizontal	134	1.48	-	31.12	27.62	5.28	-
PK	2.408G	98.91	Inf	-Inf	32.89	3	Horizontal	134	1.48	-	66.02	27.58	5.31	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

21/07/2020

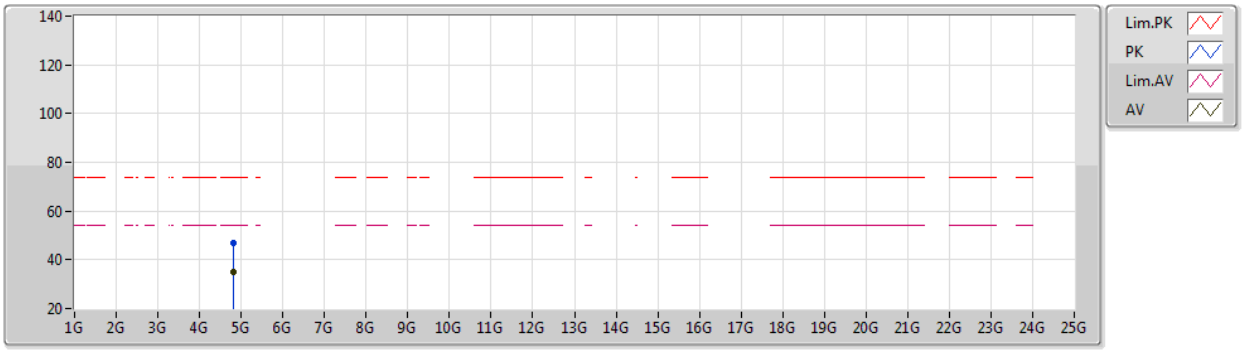


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82232G	34.84	54.00	-19.16	8.81	3	Vertical	281	1.61	-	26.03	31.10	7.11	29.40
PK	4.81266G	47.89	74.00	-26.11	8.80	3	Vertical	281	1.61	-	39.09	31.10	7.11	29.41

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

21/07/2020

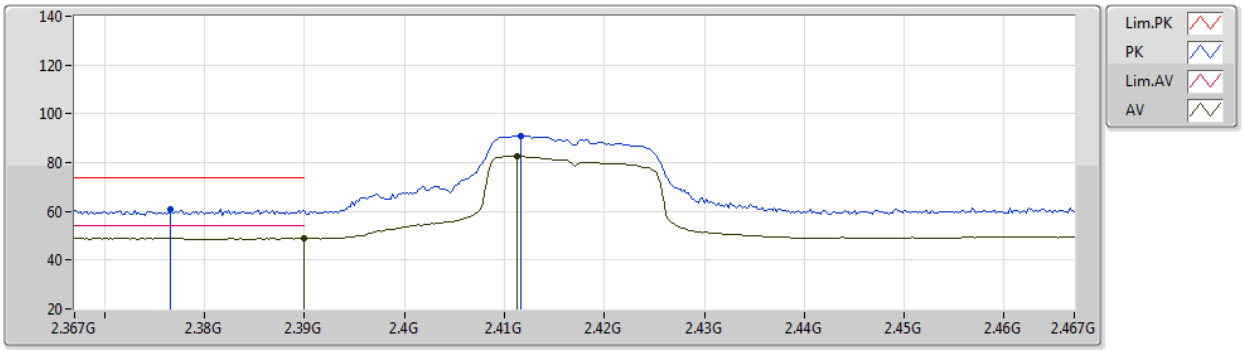


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81842G	34.89	54.00	-19.11	8.81	3	Horizontal	259	1.51	-	26.08	31.10	7.11	29.40
PK	4.82346G	47.06	74.00	-26.94	8.81	3	Horizontal	259	1.51	-	38.25	31.10	7.11	29.40

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

22/07/2020

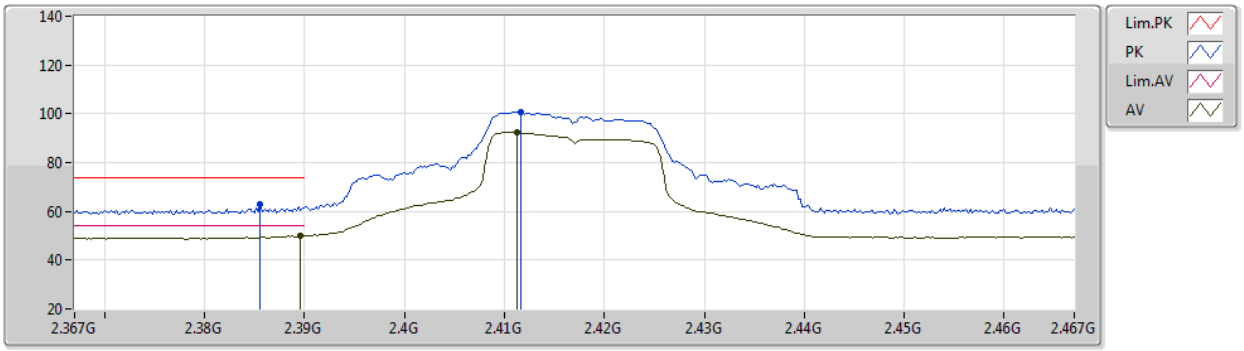


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.14	54.00	-4.86	32.91	3	Vertical	222	1.38	-	16.23	27.62	5.29	-
AV	2.4112G	82.67	Inf	-Inf	32.89	3	Vertical	222	1.38	-	49.78	27.58	5.31	-
PK	2.3766G	60.72	74.00	-13.28	32.91	3	Vertical	222	1.38	-	27.81	27.65	5.26	-
PK	2.4116G	91.11	Inf	-Inf	32.89	3	Vertical	222	1.38	-	58.22	27.58	5.31	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

22/07/2020

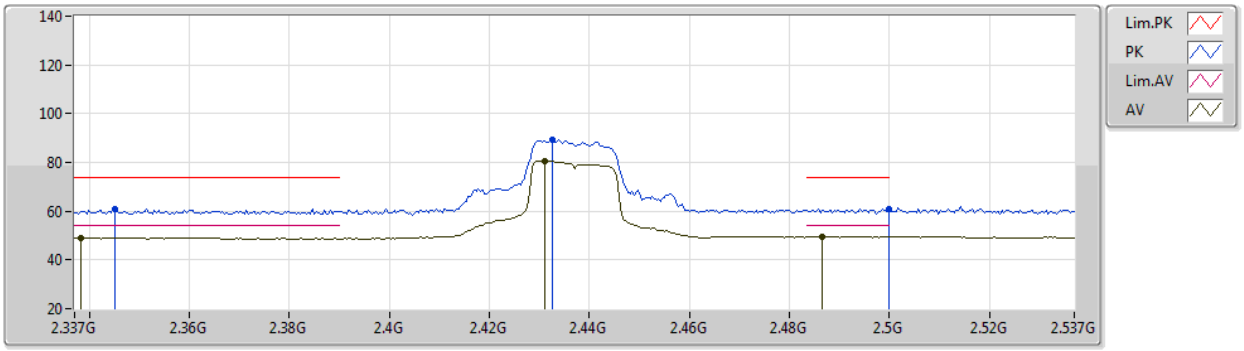


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	50.20	54.00	-3.80	32.90	3	Horizontal	117	1.51	-	17.30	27.62	5.28	-
AV	2.4112G	92.43	Inf	-Inf	32.89	3	Horizontal	117	1.51	-	59.54	27.58	5.31	-
PK	2.3856G	62.79	74.00	-11.21	32.91	3	Horizontal	117	1.51	-	29.88	27.63	5.28	-
PK	2.4116G	100.78	Inf	-Inf	32.89	3	Horizontal	117	1.51	-	67.89	27.58	5.31	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

21/07/2020

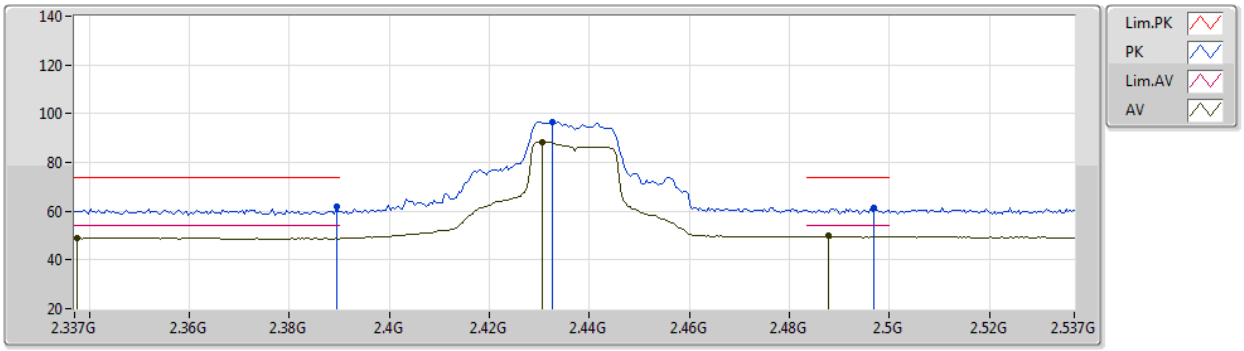


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3382G	49.18	54.00	-4.82	32.96	3	Vertical	101	1.20	-	16.22	27.75	5.21	-
AV	2.431G	80.71	Inf	-Inf	32.87	3	Vertical	101	1.20	-	47.84	27.54	5.33	-
AV	2.4866G	49.59	54.00	-4.41	32.82	3	Vertical	101	1.20	-	16.77	27.43	5.39	-
PK	2.345G	60.94	74.00	-13.06	32.94	3	Vertical	101	1.20	-	28.00	27.72	5.22	-
PK	2.4326G	89.44	Inf	-Inf	32.86	3	Vertical	101	1.20	-	56.58	27.53	5.33	-
PK	2.4998G	61.00	74.00	-13.00	32.80	3	Vertical	101	1.20	-	28.20	27.40	5.40	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

21/07/2020

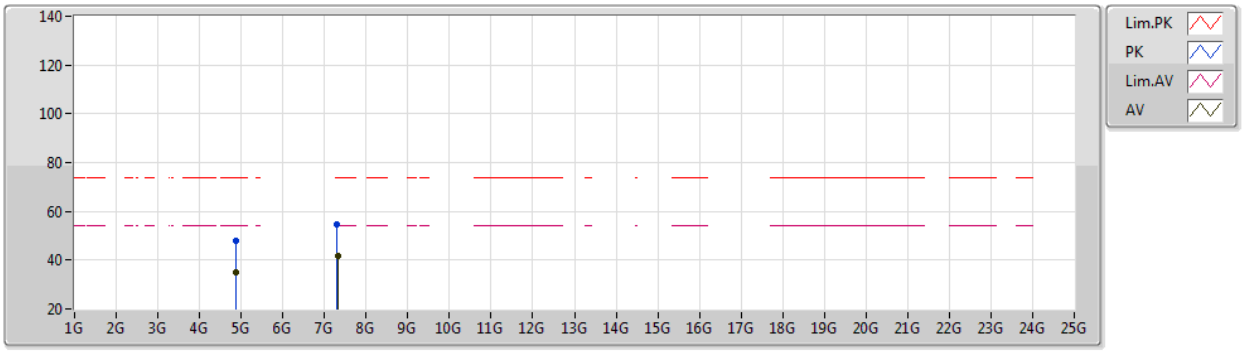


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3374G	49.19	54.00	-4.81	32.96	3	Horizontal	135	1.50	-	16.23	27.75	5.21	-
AV	2.4306G	88.41	Inf	-Inf	32.87	3	Horizontal	135	1.50	-	55.54	27.54	5.33	-
AV	2.4878G	49.81	54.00	-4.19	32.81	3	Horizontal	135	1.50	-	17.00	27.42	5.39	-
PK	2.3894G	61.91	74.00	-12.09	32.90	3	Horizontal	135	1.50	-	29.01	27.62	5.28	-
PK	2.4326G	96.76	Inf	-Inf	32.86	3	Horizontal	135	1.50	-	63.90	27.53	5.33	-
PK	2.497G	61.26	74.00	-12.74	32.81	3	Horizontal	135	1.50	-	28.45	27.41	5.40	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

21/07/2020

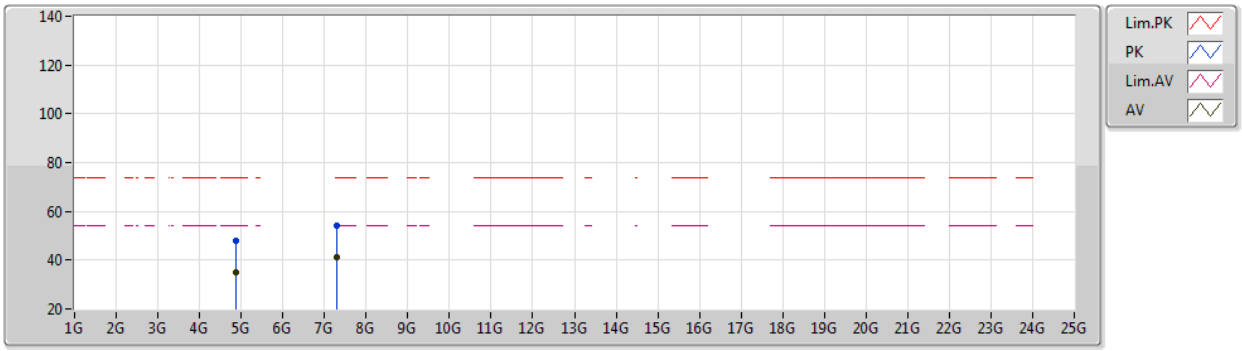


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87388G	35.05	54.00	-18.95	8.86	3	Vertical	221	2.35	-	26.19	31.10	7.14	29.38
AV	7.31268G	41.90	54.00	-12.10	14.27	3	Vertical	162	1.37	-	27.63	36.33	8.30	30.36
PK	4.86506G	47.78	74.00	-26.22	8.85	3	Vertical	221	2.35	-	38.93	31.10	7.13	29.38
PK	7.3092G	54.86	74.00	-19.14	14.26	3	Vertical	162	1.37	-	40.60	36.32	8.30	30.36

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

21/07/2020

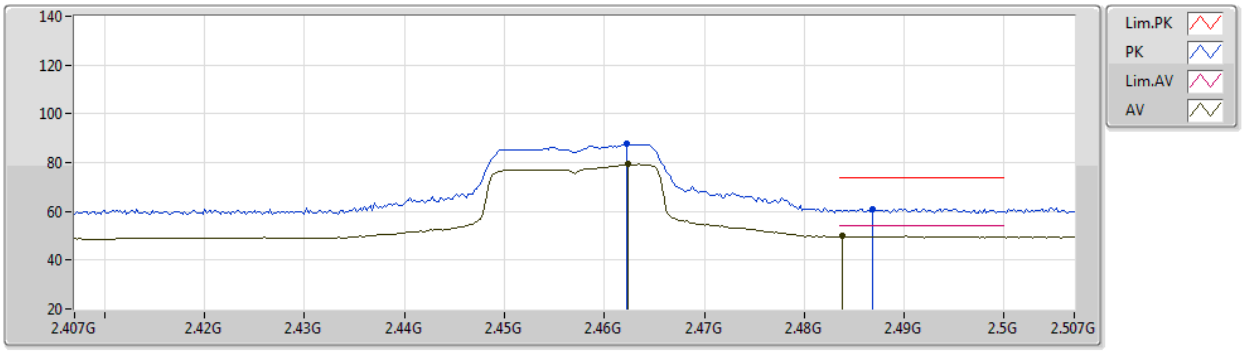


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87868G	35.00	54.00	-19.00	8.86	3	Horizontal	221	1.95	-	26.14	31.10	7.14	29.38
AV	7.3089G	41.41	54.00	-12.59	14.26	3	Horizontal	100	1.09	-	27.15	36.32	8.30	30.36
PK	4.88246G	47.76	74.00	-26.24	8.87	3	Horizontal	221	1.95	-	38.89	31.10	7.14	29.37
PK	7.29924G	54.02	74.00	-19.98	14.25	3	Horizontal	100	1.09	-	39.77	36.30	8.30	30.35

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

22/07/2020

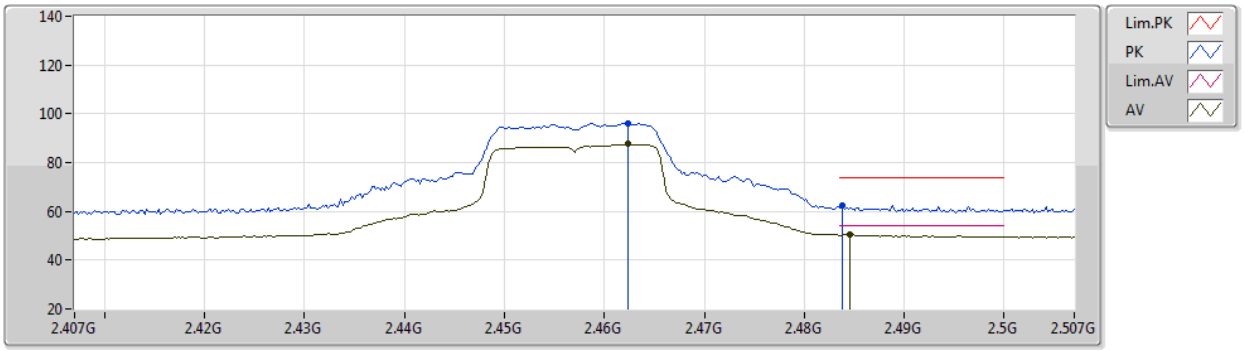


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4624G	79.25	Inf	-Inf	32.84	3	Vertical	221	1.40	-	46.41	27.48	5.36	-
AV	2.4838G	49.90	54.00	-4.10	32.81	3	Vertical	221	1.40	-	17.09	27.43	5.38	-
PK	2.4622G	87.77	Inf	-Inf	32.84	3	Vertical	221	1.40	-	54.93	27.48	5.36	-
PK	2.4868G	61.07	74.00	-12.93	32.82	3	Vertical	221	1.40	-	28.25	27.43	5.39	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

22/07/2020

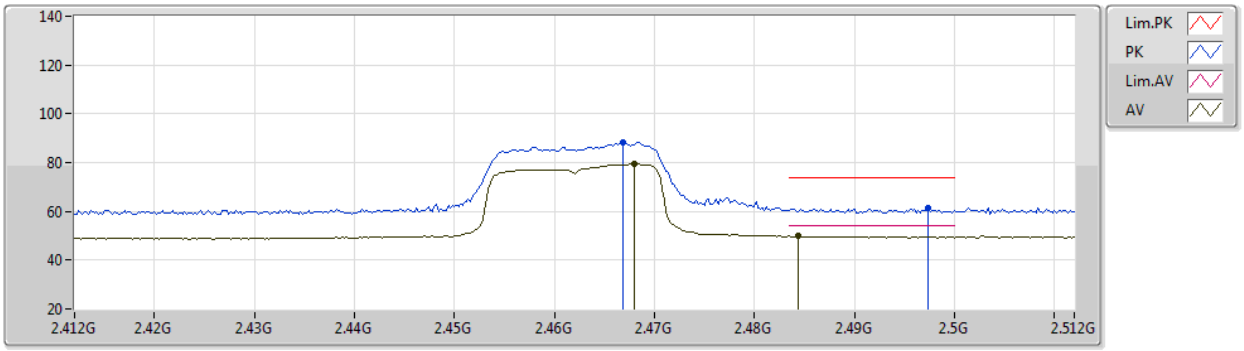


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4624G	87.72	Inf	-Inf	32.84	3	Horizontal	120	1.57	-	54.88	27.48	5.36	-
AV	2.4846G	50.35	54.00	-3.65	32.81	3	Horizontal	120	1.57	-	17.54	27.43	5.38	-
PK	2.4624G	96.16	Inf	-Inf	32.84	3	Horizontal	120	1.57	-	63.32	27.48	5.36	-
PK	2.4838G	62.66	74.00	-11.34	32.81	3	Horizontal	120	1.57	-	29.85	27.43	5.38	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

21/07/2020

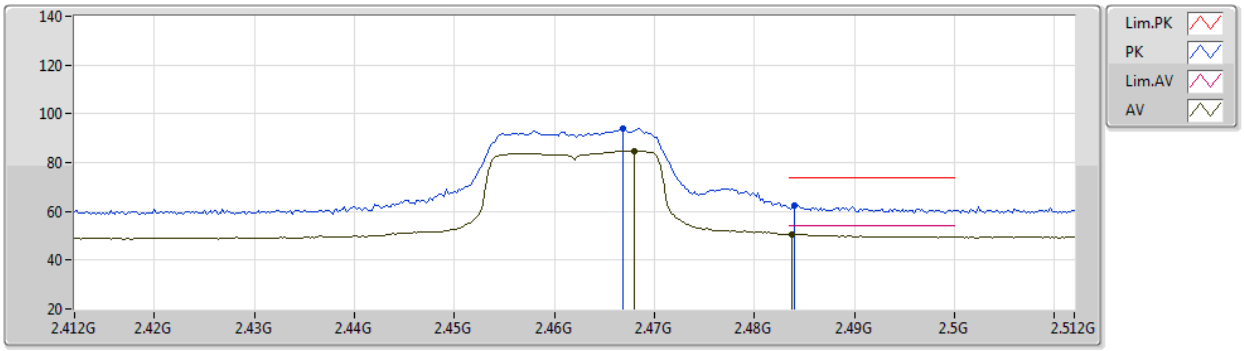


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.468G	79.29	Inf	-Inf	32.83	3	Vertical	222	1.30	-	46.46	27.46	5.37	-
AV	2.4844G	49.90	54.00	-4.10	32.81	3	Vertical	222	1.30	-	17.09	27.43	5.38	-
PK	2.4668G	88.43	Inf	-Inf	32.84	3	Vertical	222	1.30	-	55.59	27.47	5.37	-
PK	2.4974G	61.35	74.00	-12.65	32.81	3	Vertical	222	1.30	-	28.54	27.41	5.40	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

21/07/2020

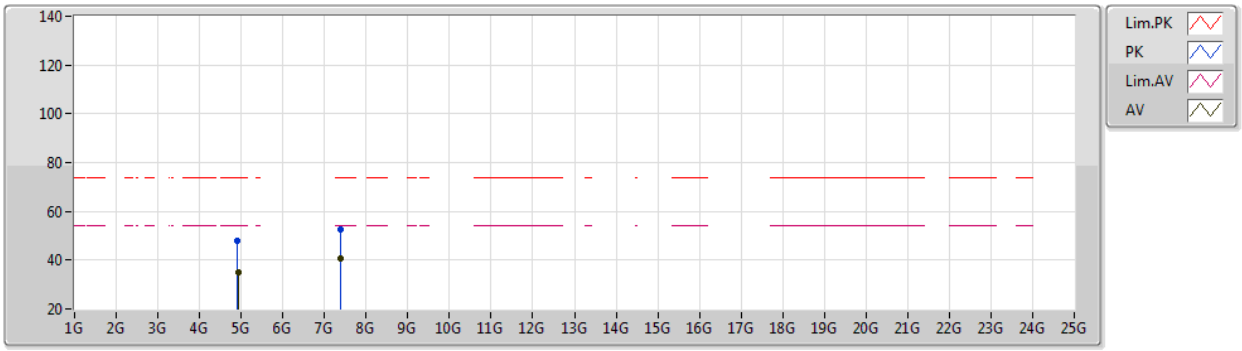


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.468G	84.67	Inf	-Inf	32.83	3	Horizontal	138	1.45	-	51.84	27.46	5.37	-
AV	2.4838G	50.56	54.00	-3.44	32.81	3	Horizontal	138	1.45	-	17.75	27.43	5.38	-
PK	2.4668G	93.87	Inf	-Inf	32.84	3	Horizontal	138	1.45	-	61.03	27.47	5.37	-
PK	2.484G	62.61	74.00	-11.39	32.81	3	Horizontal	138	1.45	-	29.80	27.43	5.38	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

21/07/2020

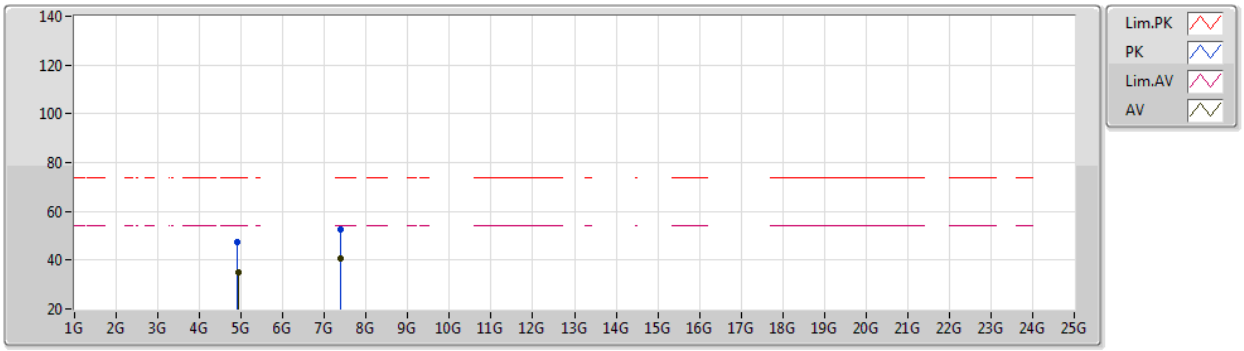


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93342G	35.15	54.00	-18.85	8.99	3	Vertical	196	1.50	-	26.16	31.17	7.17	29.35
AV	7.39428G	40.83	54.00	-13.17	13.92	3	Vertical	182	1.66	-	26.91	36.05	8.30	30.43
PK	4.91914G	47.70	74.00	-26.30	8.94	3	Vertical	196	1.50	-	38.76	31.14	7.16	29.36
PK	7.37118G	52.75	74.00	-21.25	14.12	3	Vertical	182	1.66	-	38.63	36.23	8.30	30.41

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

21/07/2020

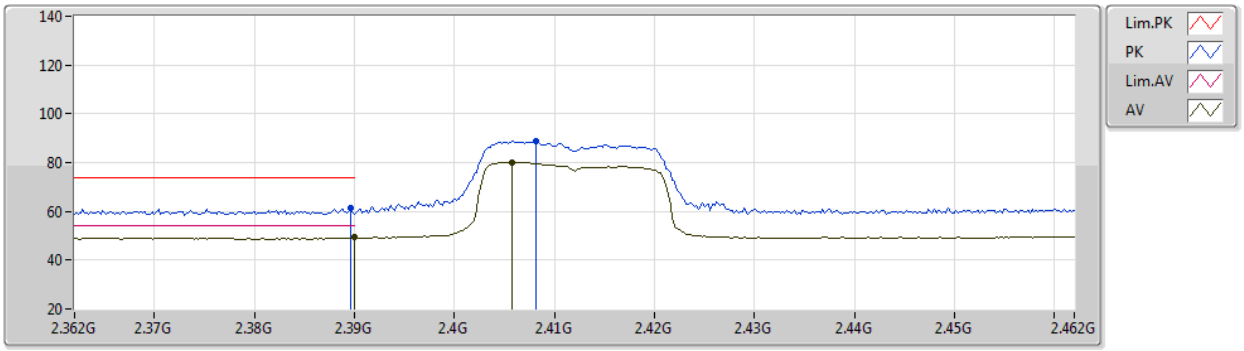


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93798G	34.96	54.00	-19.04	9.00	3	Horizontal	193	2.52	-	25.96	31.18	7.17	29.35
AV	7.3722G	40.79	54.00	-13.21	14.11	3	Horizontal	314	1.50	-	26.68	36.22	8.30	30.41
PK	4.91614G	47.41	74.00	-26.59	8.93	3	Horizontal	193	2.52	-	38.48	31.13	7.16	29.36
PK	7.38804G	52.68	74.00	-21.32	13.98	3	Horizontal	314	1.50	-	38.70	36.10	8.30	30.42

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

22/07/2020

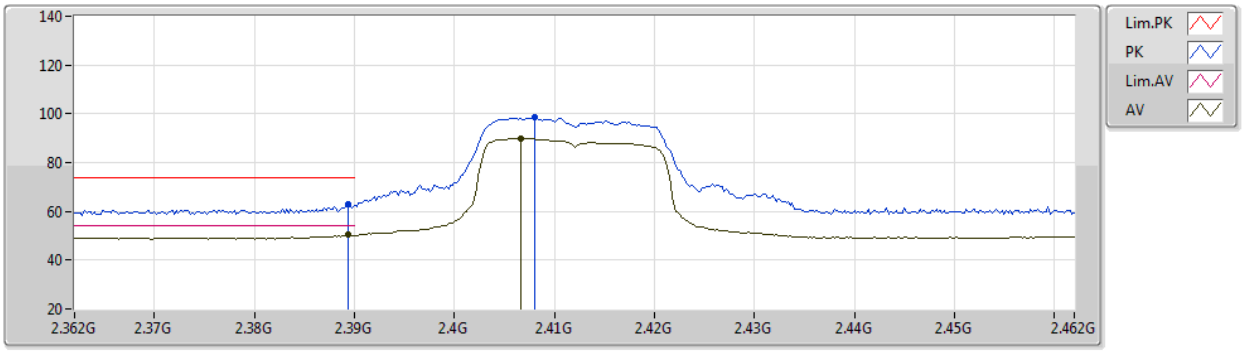


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.36	54.00	-4.64	32.91	3	Vertical	224	2.37	-	16.45	27.62	5.29	-
AV	2.4058G	80.20	Inf	-Inf	32.90	3	Vertical	224	2.37	-	47.30	27.59	5.31	-
PK	2.3896G	61.58	74.00	-12.42	32.90	3	Vertical	224	2.37	-	28.68	27.62	5.28	-
PK	2.4082G	88.84	Inf	-Inf	32.89	3	Vertical	224	2.37	-	55.95	27.58	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

22/07/2020

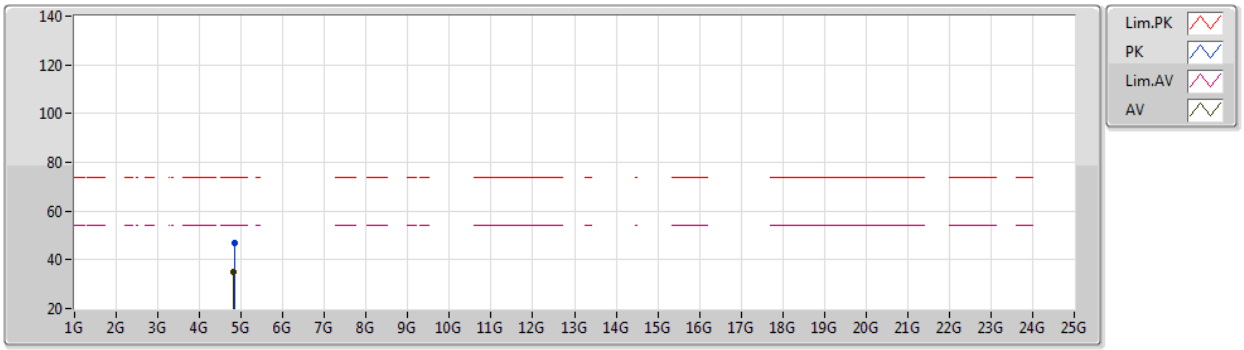


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	50.40	54.00	-3.60	32.90	3	Horizontal	117	1.51	-	17.50	27.62	5.28	-
AV	2.4066G	89.93	Inf	-Inf	32.90	3	Horizontal	117	1.51	-	57.03	27.59	5.31	-
PK	2.3894G	63.16	74.00	-10.84	32.90	3	Horizontal	117	1.51	-	30.26	27.62	5.28	-
PK	2.408G	98.80	Inf	-Inf	32.89	3	Horizontal	117	1.51	-	65.91	27.58	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

22/07/2020

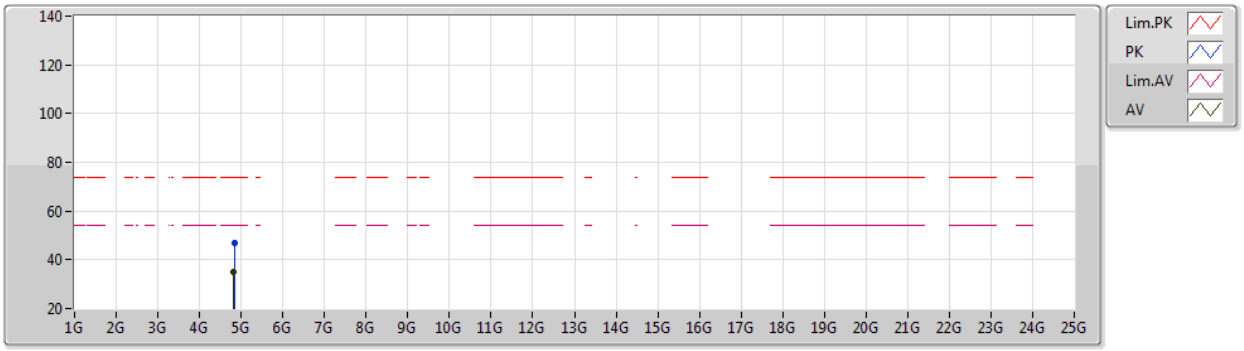


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82052G	34.97	54.00	-19.03	8.81	3	Vertical	96	1.44	-	26.16	31.10	7.11	29.40
PK	4.83726G	47.00	74.00	-27.00	8.83	3	Vertical	96	1.44	-	38.17	31.10	7.12	29.39

802.11n HT20_Nss1,(MCS0)_2TX

2412MHz_TX

22/07/2020

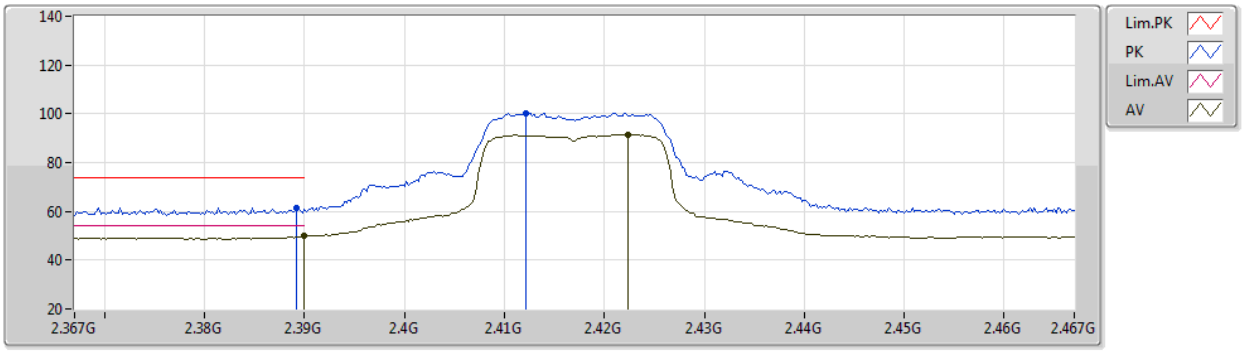


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.821G	34.85	54.00	-19.15	8.81	3	Horizontal	129	1.95	-	26.04	31.10	7.11	29.40
PK	4.83078G	47.02	74.00	-26.98	8.82	3	Horizontal	129	1.95	-	38.20	31.10	7.12	29.40

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

22/07/2020

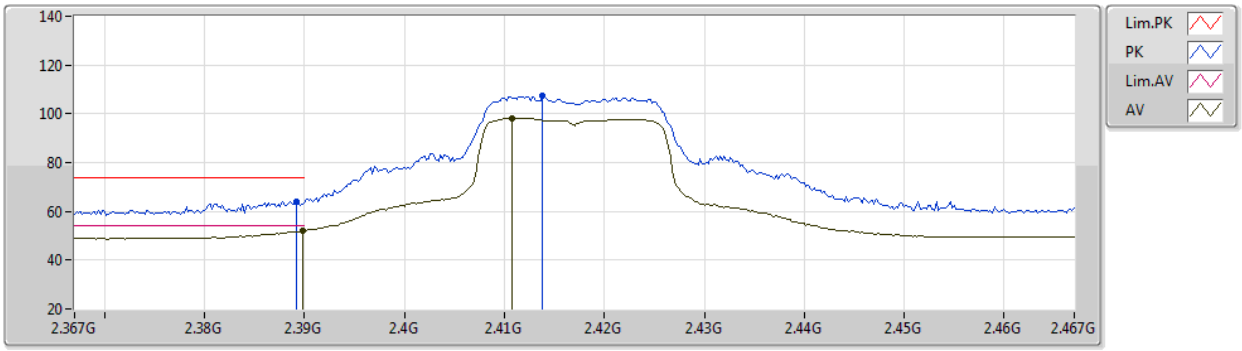


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.80	54.00	-4.20	32.91	3	Vertical	245	1.01	-	16.89	27.62	5.29	-
AV	2.4224G	91.35	Inf	-Inf	32.88	3	Vertical	245	1.01	-	58.47	27.56	5.32	-
PK	2.3892G	61.63	74.00	-12.37	32.90	3	Vertical	245	1.01	-	28.73	27.62	5.28	-
PK	2.4122G	100.31	Inf	-Inf	32.89	3	Vertical	245	1.01	-	67.42	27.58	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2417MHz_TX

22/07/2020

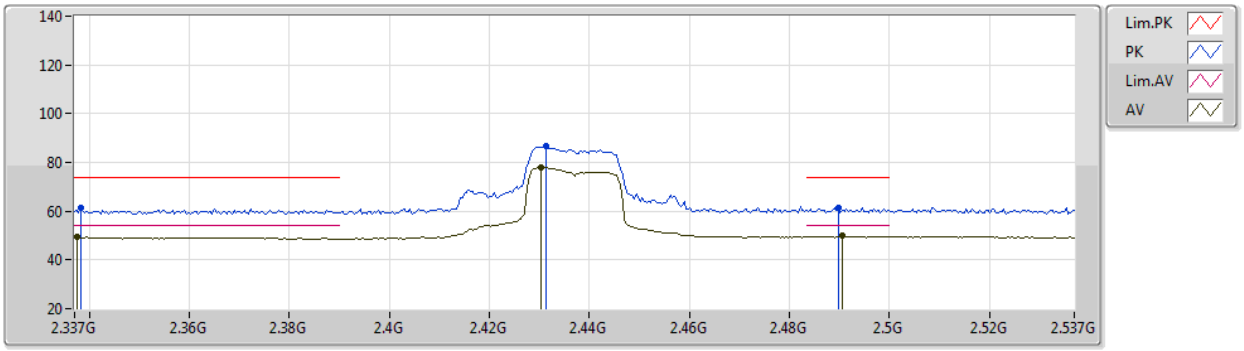


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	52.18	54.00	-1.82	32.90	3	Horizontal	240	1.23	-	19.28	27.62	5.28	-
AV	2.4108G	98.22	Inf	-Inf	32.89	3	Horizontal	240	1.23	-	65.33	27.58	5.31	-
PK	2.3892G	64.02	74.00	-9.98	32.90	3	Horizontal	240	1.23	-	31.12	27.62	5.28	-
PK	2.4138G	107.18	Inf	-Inf	32.88	3	Horizontal	240	1.23	-	74.30	27.57	5.31	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

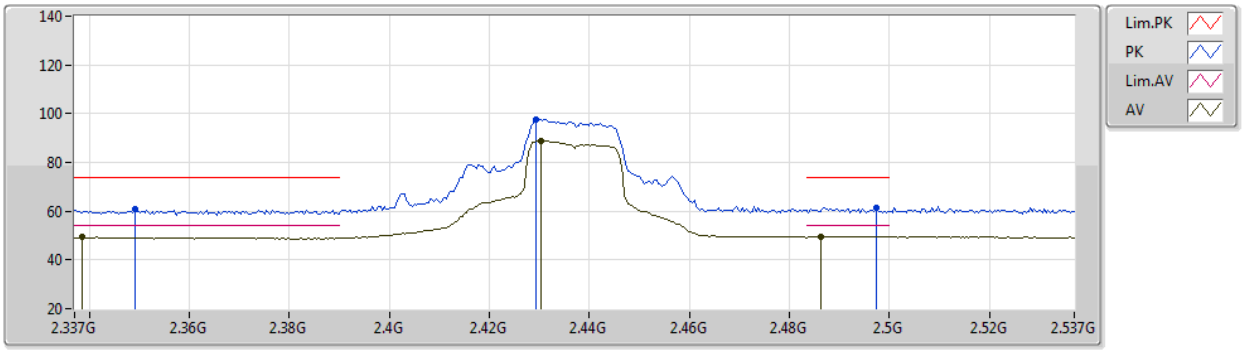


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3374G	49.28	54.00	-4.72	32.96	3	Vertical	219	2.13	-	16.32	27.75	5.21	-
AV	2.4302G	77.95	Inf	-Inf	32.87	3	Vertical	219	2.13	-	45.08	27.54	5.33	-
AV	2.4906G	49.89	54.00	-4.11	32.81	3	Vertical	219	2.13	-	17.08	27.42	5.39	-
PK	2.3382G	61.33	74.00	-12.67	32.96	3	Vertical	219	2.13	-	28.37	27.75	5.21	-
PK	2.4314G	86.58	Inf	-Inf	32.87	3	Vertical	219	2.13	-	53.71	27.54	5.33	-
PK	2.4898G	61.43	74.00	-12.57	32.81	3	Vertical	219	2.13	-	28.62	27.42	5.39	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

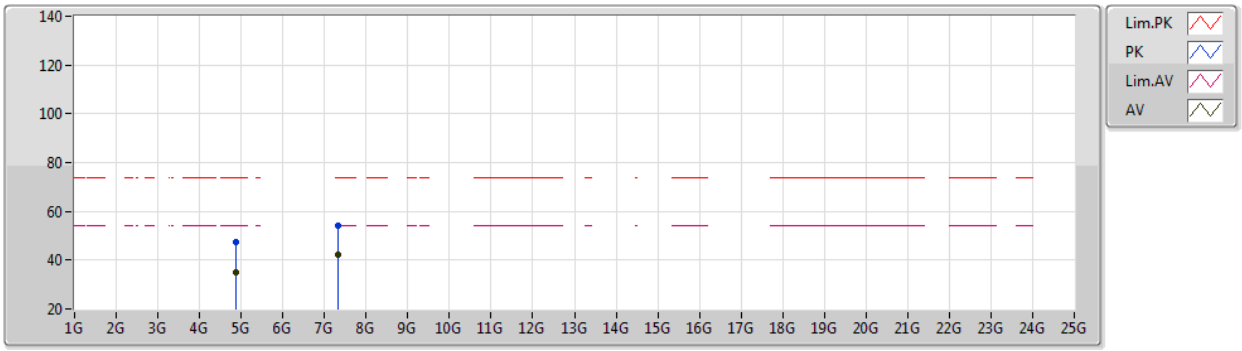


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3386G	49.27	54.00	-4.73	32.96	3	Horizontal	117	1.49	-	16.31	27.75	5.21	-
AV	2.4302G	89.04	Inf	-Inf	32.87	3	Horizontal	117	1.49	-	56.17	27.54	5.33	-
AV	2.4862G	49.68	54.00	-4.32	32.82	3	Horizontal	117	1.49	-	16.86	27.43	5.39	-
PK	2.349G	60.61	74.00	-13.39	32.92	3	Horizontal	117	1.49	-	27.69	27.70	5.22	-
PK	2.4294G	97.67	Inf	-Inf	32.87	3	Horizontal	117	1.49	-	64.80	27.54	5.33	-
PK	2.4974G	61.28	74.00	-12.72	32.81	3	Horizontal	117	1.49	-	28.47	27.41	5.40	-

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

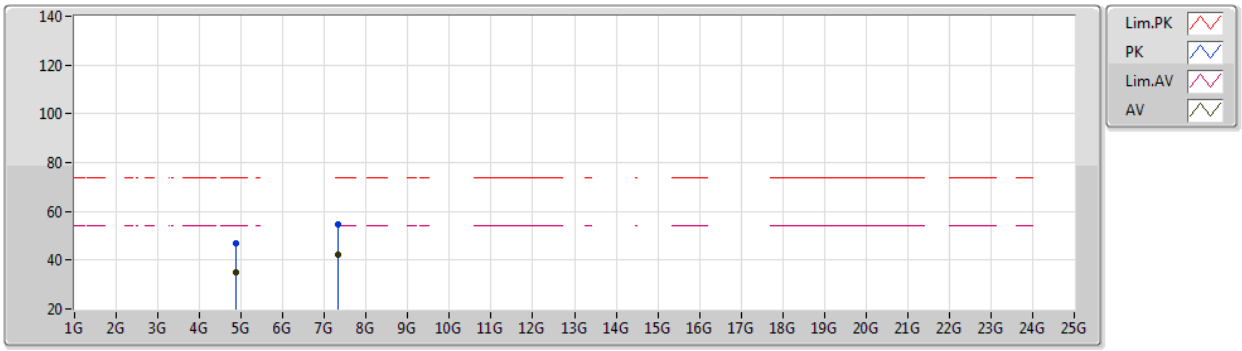


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87364G	35.05	54.00	-18.95	8.86	3	Vertical	176	1.87	-	26.19	31.10	7.14	29.38
AV	7.311G	42.09	54.00	-11.91	14.26	3	Vertical	162	1.35	-	27.83	36.32	8.30	30.36
PK	4.87436G	47.51	74.00	-26.49	8.86	3	Vertical	176	1.87	-	38.65	31.10	7.14	29.38
PK	7.3152G	53.99	74.00	-20.01	14.27	3	Vertical	162	1.35	-	39.72	36.33	8.30	30.36

802.11n HT20_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

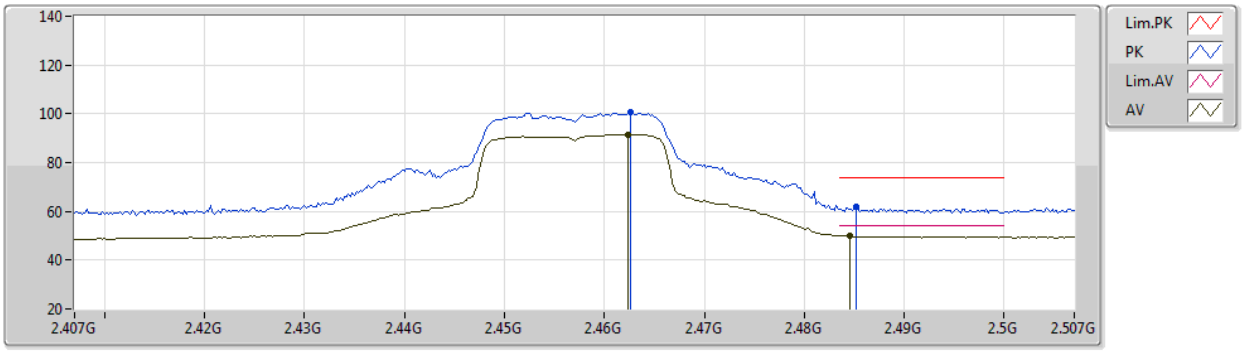


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87754G	34.99	54.00	-19.01	8.86	3	Horizontal	55	1.74	-	26.13	31.10	7.14	29.38
AV	7.31064G	42.18	54.00	-11.82	14.26	3	Horizontal	115	1.10	-	27.92	36.32	8.30	30.36
PK	4.88096G	47.15	74.00	-26.85	8.87	3	Horizontal	55	1.74	-	38.28	31.10	7.14	29.37
PK	7.31136G	54.53	74.00	-19.47	14.26	3	Horizontal	115	1.10	-	40.27	36.32	8.30	30.36

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

22/07/2020

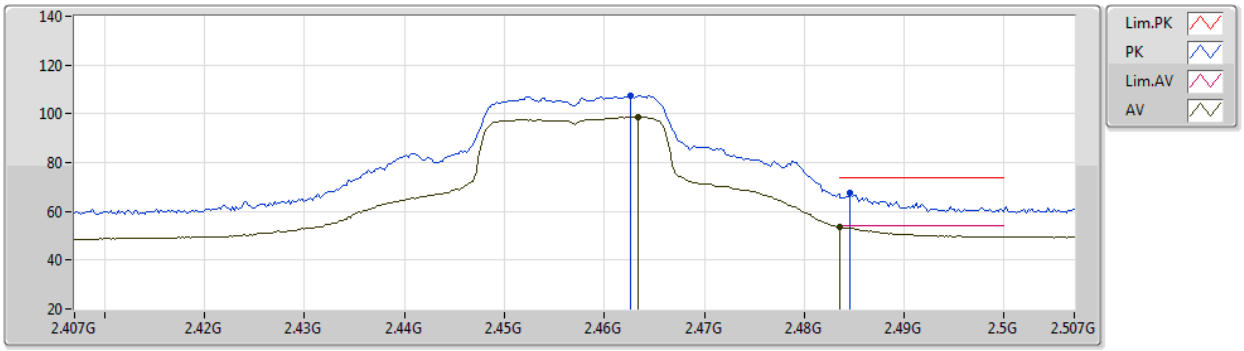


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4624G	91.60	Inf	-Inf	32.84	3	Vertical	242	1.01	-	58.76	27.48	5.36	-
AV	2.4846G	50.13	54.00	-3.87	32.81	3	Vertical	242	1.01	-	17.32	27.43	5.38	-
PK	2.4626G	100.57	Inf	-Inf	32.83	3	Vertical	242	1.01	-	67.74	27.47	5.36	-
PK	2.4852G	61.86	74.00	-12.14	32.82	3	Vertical	242	1.01	-	29.04	27.43	5.39	-

802.11n HT20_Nss1,(MCS0)_2TX

2457MHz_TX

22/07/2020

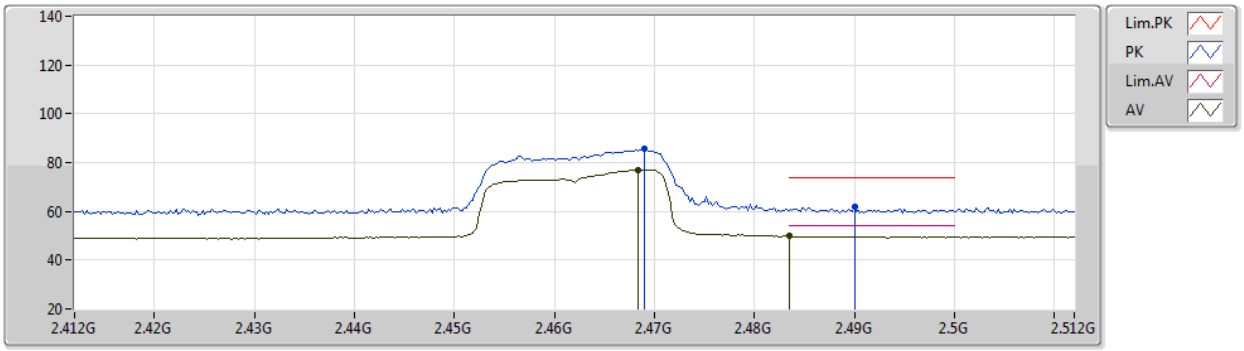


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4634G	98.65	Inf	-Inf	32.83	3	Horizontal	248	1.53	-	65.82	27.47	5.36	-
AV	2.4835G	53.71	54.00	-0.29	32.81	3	Horizontal	248	1.53	-	20.90	27.43	5.38	-
PK	2.4626G	107.52	Inf	-Inf	32.83	3	Horizontal	248	1.53	-	74.69	27.47	5.36	-
PK	2.4846G	67.40	74.00	-6.60	32.81	3	Horizontal	248	1.53	-	34.59	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

22/07/2020

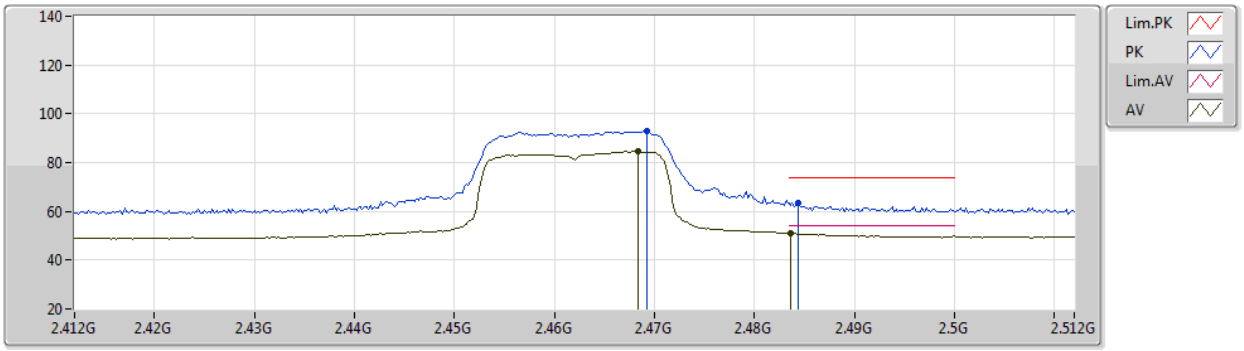


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4684G	77.09	Inf	-Inf	32.83	3	Vertical	221	2.42	-	44.26	27.46	5.37	-
AV	2.4835G	49.89	54.00	-4.11	32.81	3	Vertical	221	2.42	-	17.08	27.43	5.38	-
PK	2.469G	85.85	Inf	-Inf	32.83	3	Vertical	221	2.42	-	53.02	27.46	5.37	-
PK	2.49G	61.78	74.00	-12.22	32.81	3	Vertical	221	2.42	-	28.97	27.42	5.39	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

22/07/2020

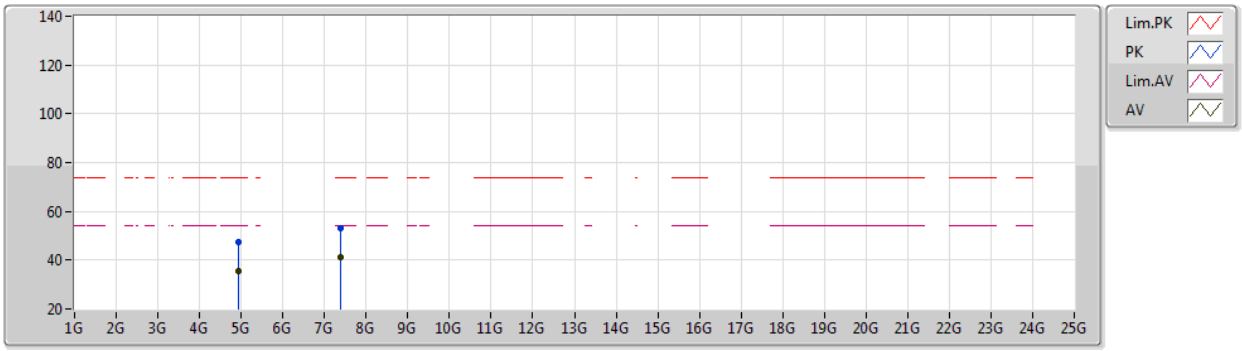


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4684G	84.64	Inf	-Inf	32.83	3	Horizontal	138	1.47	-	51.81	27.46	5.37	-
AV	2.4836G	50.97	54.00	-3.03	32.81	3	Horizontal	138	1.47	-	18.16	27.43	5.38	-
PK	2.4692G	93.18	Inf	-Inf	32.83	3	Horizontal	138	1.47	-	60.35	27.46	5.37	-
PK	2.4844G	63.52	74.00	-10.48	32.81	3	Horizontal	138	1.47	-	30.71	27.43	5.38	-

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

22/07/2020

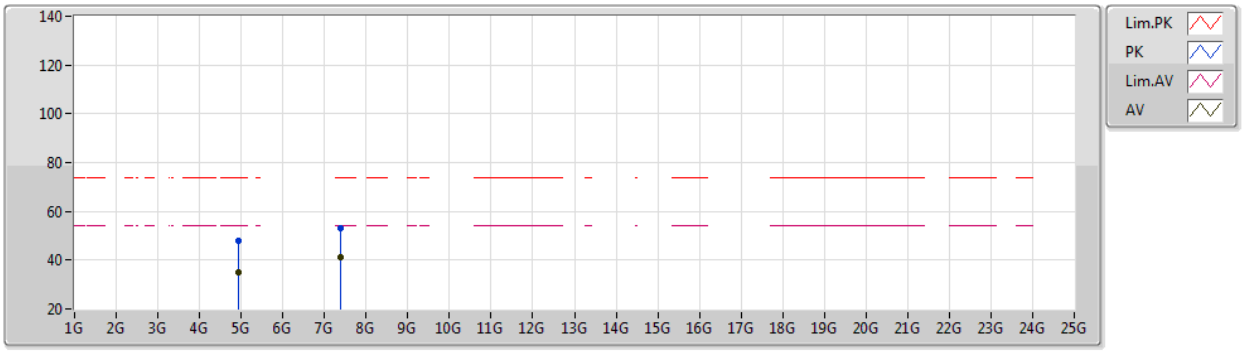


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93708G	35.27	54.00	-18.73	8.99	3	Vertical	297	1.72	-	26.28	31.17	7.17	29.35
AV	7.37664G	41.08	54.00	-12.92	14.08	3	Vertical	127	1.88	-	27.00	36.19	8.30	30.41
PK	4.93852G	47.57	74.00	-26.43	9.00	3	Vertical	297	1.72	-	38.57	31.18	7.17	29.35
PK	7.37892G	53.05	74.00	-20.95	14.05	3	Vertical	127	1.88	-	39.00	36.17	8.30	30.42

802.11n HT20_Nss1,(MCS0)_2TX

2462MHz_TX

22/07/2020

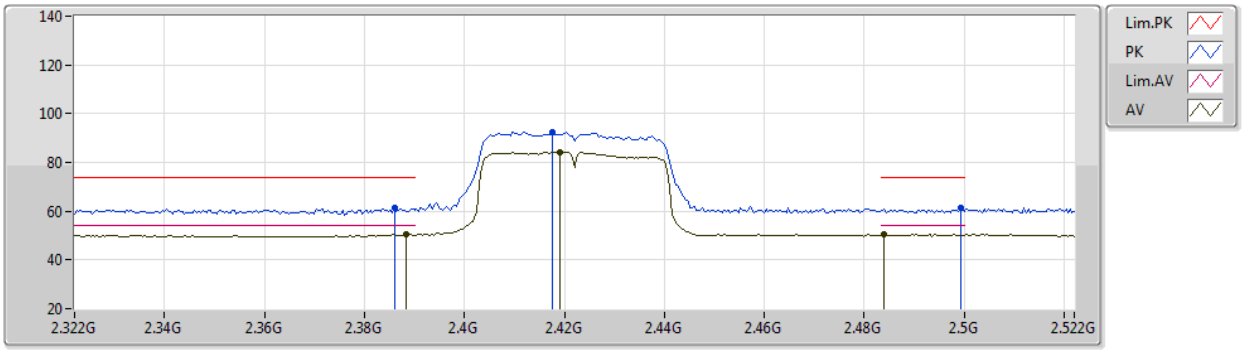


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9297G	35.02	54.00	-18.98	8.97	3	Horizontal	40	1.78	-	26.05	31.16	7.16	29.35
AV	7.3758G	41.28	54.00	-12.72	14.08	3	Horizontal	112	1.79	-	27.20	36.19	8.30	30.41
PK	4.93018G	47.74	74.00	-26.26	8.98	3	Horizontal	40	1.78	-	38.76	31.16	7.17	29.35
PK	7.37382G	53.25	74.00	-20.75	14.10	3	Horizontal	112	1.79	-	39.15	36.21	8.30	30.41

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

22/07/2020

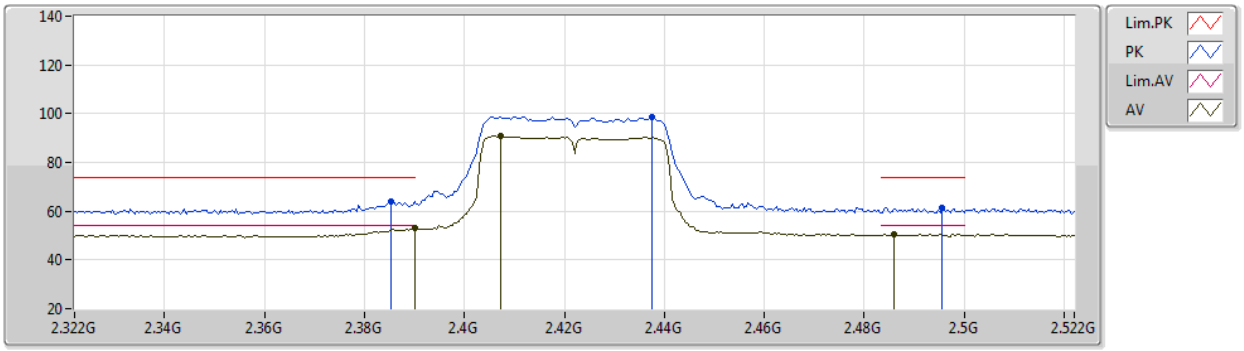


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3884G	50.59	54.00	-3.41	32.90	3	Vertical	247	1.43	-	17.69	27.62	5.28	-
AV	2.4192G	84.21	Inf	-Inf	32.88	3	Vertical	247	1.43	-	51.33	27.56	5.32	-
AV	2.484G	50.34	54.00	-3.66	32.81	3	Vertical	247	1.43	-	17.53	27.43	5.38	-
PK	2.386G	61.13	74.00	-12.87	32.91	3	Vertical	247	1.43	-	28.22	27.63	5.28	-
PK	2.4176G	92.58	Inf	-Inf	32.88	3	Vertical	247	1.43	-	59.70	27.56	5.32	-
PK	2.4992G	61.39	74.00	-12.61	32.80	3	Vertical	247	1.43	-	28.59	27.40	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

22/07/2020

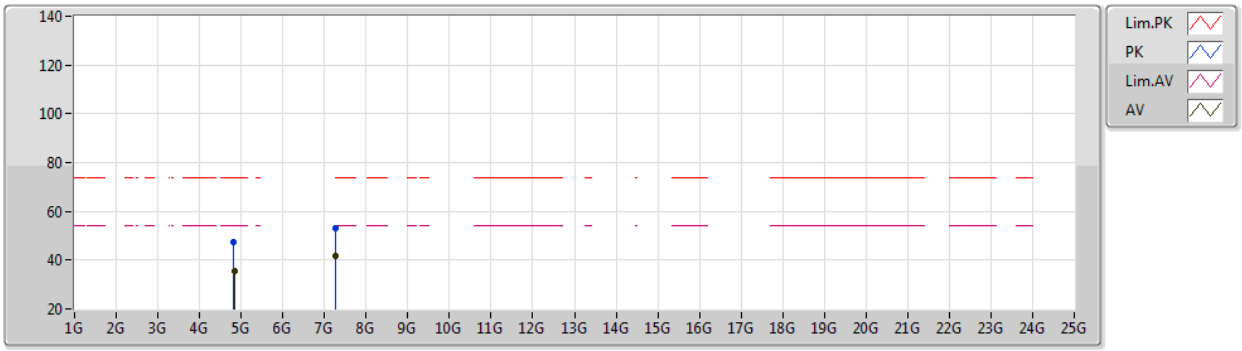


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.11	54.00	-0.89	32.91	3	Horizontal	255	1.47	-	20.20	27.62	5.29	-
AV	2.4072G	90.72	Inf	-Inf	32.90	3	Horizontal	255	1.47	-	57.82	27.59	5.31	-
AV	2.486G	50.36	54.00	-3.64	32.82	3	Horizontal	255	1.47	-	17.54	27.43	5.39	-
PK	2.3852G	64.02	74.00	-9.98	32.91	3	Horizontal	255	1.47	-	31.11	27.63	5.28	-
PK	2.4376G	98.75	Inf	-Inf	32.86	3	Horizontal	255	1.47	-	65.89	27.52	5.34	-
PK	2.4956G	61.35	74.00	-12.65	32.81	3	Horizontal	255	1.47	-	28.54	27.41	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

22/07/2020

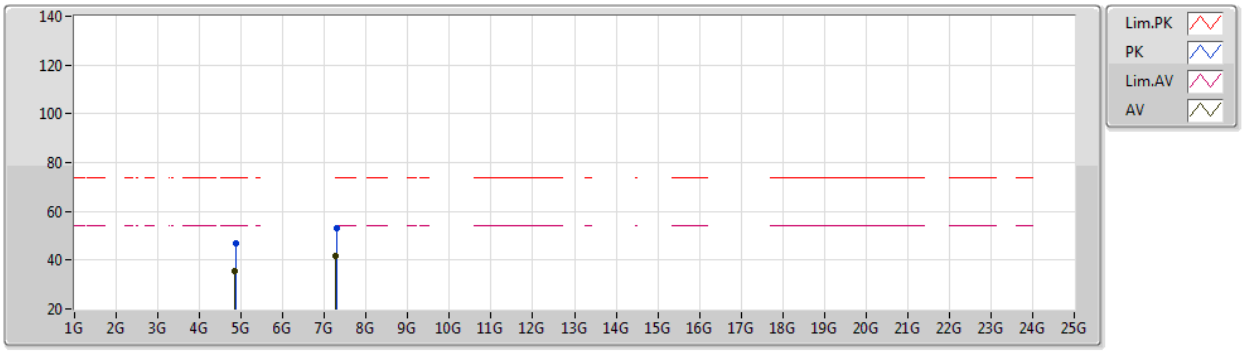


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.84056G	35.68	54.00	-18.32	8.83	3	Vertical	59	1.50	-	26.85	31.10	7.12	29.39
AV	7.27648G	41.65	54.00	-12.35	14.27	3	Vertical	111	1.28	-	27.38	36.30	8.30	30.33
PK	4.82832G	47.25	74.00	-26.75	8.81	3	Vertical	59	1.50	-	38.44	31.10	7.11	29.40
PK	7.26136G	53.18	74.00	-20.82	14.29	3	Vertical	111	1.28	-	38.89	36.30	8.30	30.31

802.11n HT40_Nss1,(MCS0)_2TX

2422MHz_TX

22/07/2020

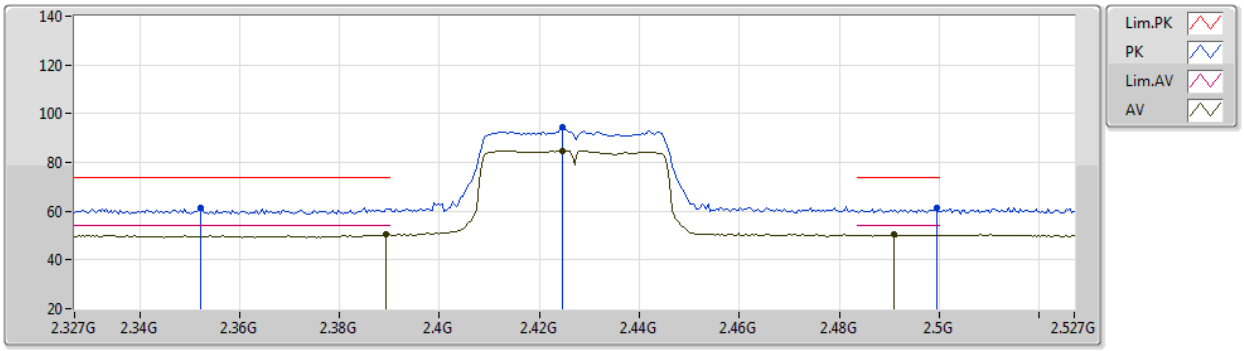


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83744G	35.59	54.00	-18.41	8.83	3	Horizontal	157	1.93	-	26.76	31.10	7.12	29.39
AV	7.27776G	41.56	54.00	-12.44	14.27	3	Horizontal	187	1.09	-	27.29	36.30	8.30	30.33
PK	4.86168G	46.91	74.00	-27.09	8.85	3	Horizontal	157	1.93	-	38.06	31.10	7.13	29.38
PK	7.28088G	53.26	74.00	-20.74	14.27	3	Horizontal	187	1.09	-	38.99	36.30	8.30	30.33

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

22/07/2020

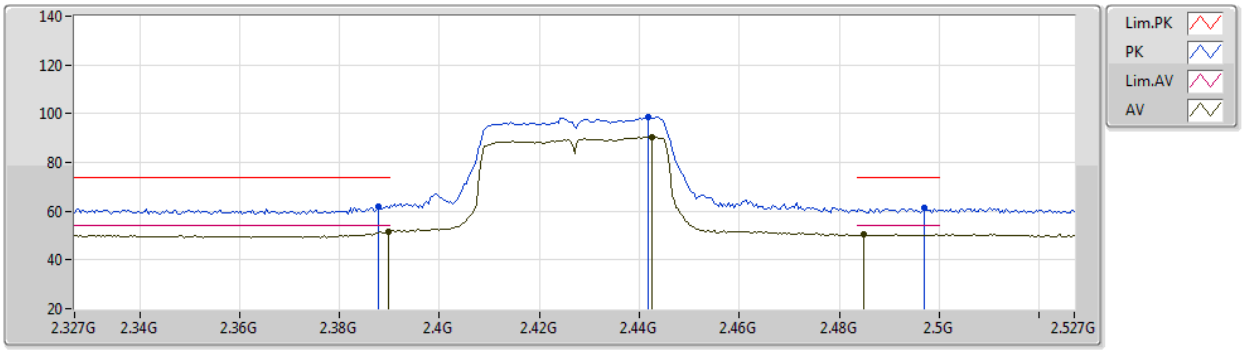


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	50.40	54.00	-3.60	32.90	3	Vertical	244	1.01	-	17.50	27.62	5.28	-
AV	2.4246G	84.91	Inf	-Inf	32.87	3	Vertical	244	1.01	-	52.04	27.55	5.32	-
AV	2.491G	50.33	54.00	-3.67	32.81	3	Vertical	244	1.01	-	17.52	27.42	5.39	-
PK	2.3522G	61.60	74.00	-12.40	32.93	3	Vertical	244	1.01	-	28.67	27.70	5.23	-
PK	2.4246G	94.28	Inf	-Inf	32.87	3	Vertical	244	1.01	-	61.41	27.55	5.32	-
PK	2.4994G	61.57	74.00	-12.43	32.80	3	Vertical	244	1.01	-	28.77	27.40	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

2427MHz_TX

22/07/2020

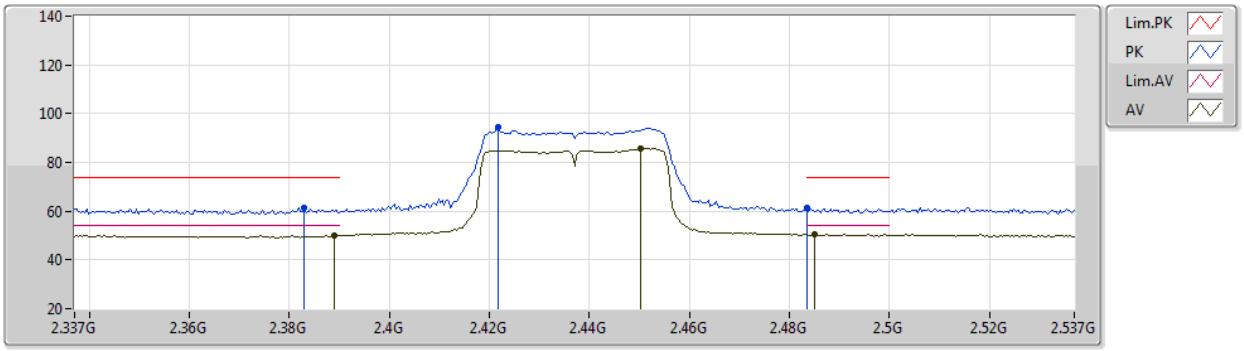


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	51.51	54.00	-2.49	32.90	3	Horizontal	250	1.45	-	18.61	27.62	5.28	-
AV	2.4426G	90.58	Inf	-Inf	32.85	3	Horizontal	250	1.45	-	57.73	27.51	5.34	-
AV	2.485G	50.35	54.00	-3.65	32.81	3	Horizontal	250	1.45	-	17.54	27.43	5.38	-
PK	2.3878G	61.74	74.00	-12.26	32.90	3	Horizontal	250	1.45	-	28.84	27.62	5.28	-
PK	2.4418G	98.87	Inf	-Inf	32.86	3	Horizontal	250	1.45	-	66.01	27.52	5.34	-
PK	2.497G	61.22	74.00	-12.78	32.81	3	Horizontal	250	1.45	-	28.41	27.41	5.40	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

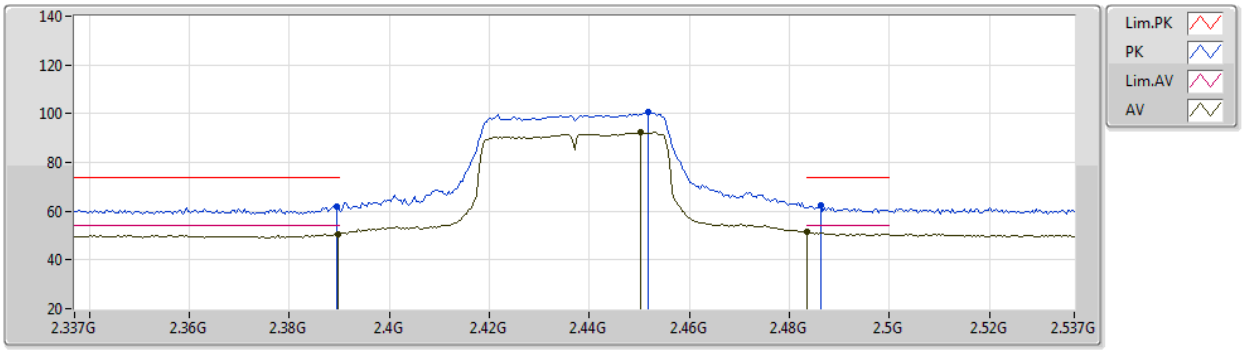


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	50.20	54.00	-3.80	32.90	3	Vertical	246	1.29	-	17.30	27.62	5.28	-
AV	2.4502G	85.54	Inf	-Inf	32.85	3	Vertical	246	1.29	-	52.69	27.50	5.35	-
AV	2.485G	50.35	54.00	-3.65	32.81	3	Vertical	246	1.29	-	17.54	27.43	5.38	-
PK	2.383G	61.25	74.00	-12.75	32.90	3	Vertical	246	1.29	-	28.35	27.63	5.27	-
PK	2.4218G	94.60	Inf	-Inf	32.88	3	Vertical	246	1.29	-	61.72	27.56	5.32	-
PK	2.4835G	61.55	74.00	-12.45	32.81	3	Vertical	246	1.29	-	28.74	27.43	5.38	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

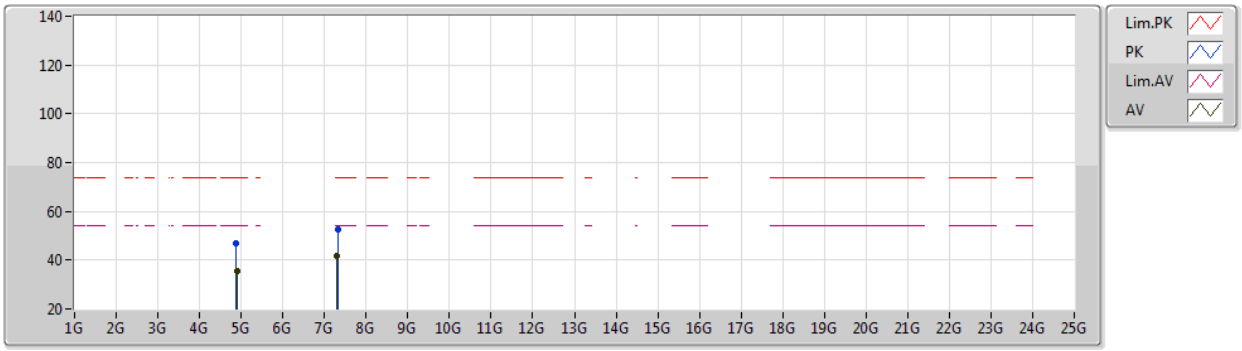


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.60	54.00	-3.40	32.90	3	Horizontal	250	1.47	-	17.70	27.62	5.28	-
AV	2.4502G	92.23	Inf	-Inf	32.85	3	Horizontal	250	1.47	-	59.38	27.50	5.35	-
AV	2.4835G	51.74	54.00	-2.26	32.81	3	Horizontal	250	1.47	-	18.93	27.43	5.38	-
PK	2.3894G	61.84	74.00	-12.16	32.90	3	Horizontal	250	1.47	-	28.94	27.62	5.28	-
PK	2.4518G	100.54	Inf	-Inf	32.85	3	Horizontal	250	1.47	-	67.69	27.50	5.35	-
PK	2.4862G	62.63	74.00	-11.37	32.82	3	Horizontal	250	1.47	-	29.81	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

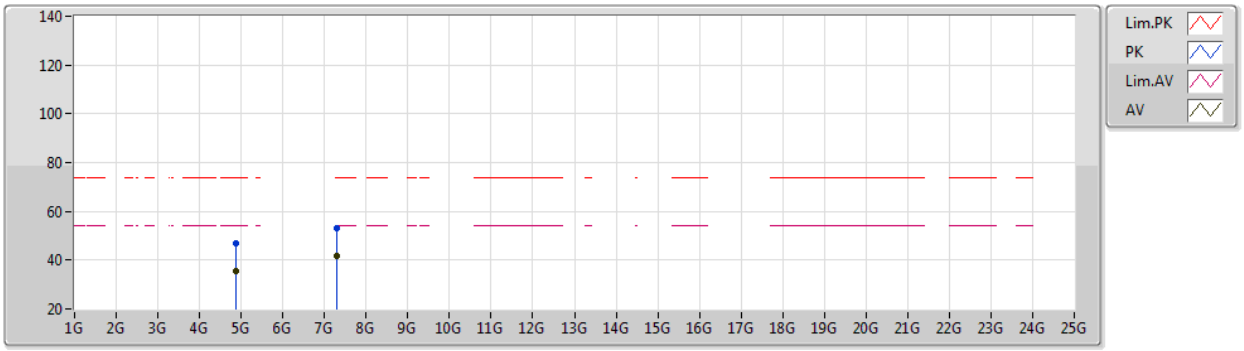


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.88904G	35.42	54.00	-18.58	8.87	3	Vertical	192	1.26	-	26.55	31.10	7.14	29.37
AV	7.29596G	41.49	54.00	-12.51	14.26	3	Vertical	202	1.36	-	27.23	36.30	8.30	30.34
PK	4.86904G	46.99	74.00	-27.01	8.85	3	Vertical	192	1.26	-	38.14	31.10	7.13	29.38
PK	7.32972G	52.78	74.00	-21.22	14.29	3	Vertical	202	1.36	-	38.49	36.36	8.30	30.37

802.11n HT40_Nss1,(MCS0)_2TX

2437MHz_TX

22/07/2020

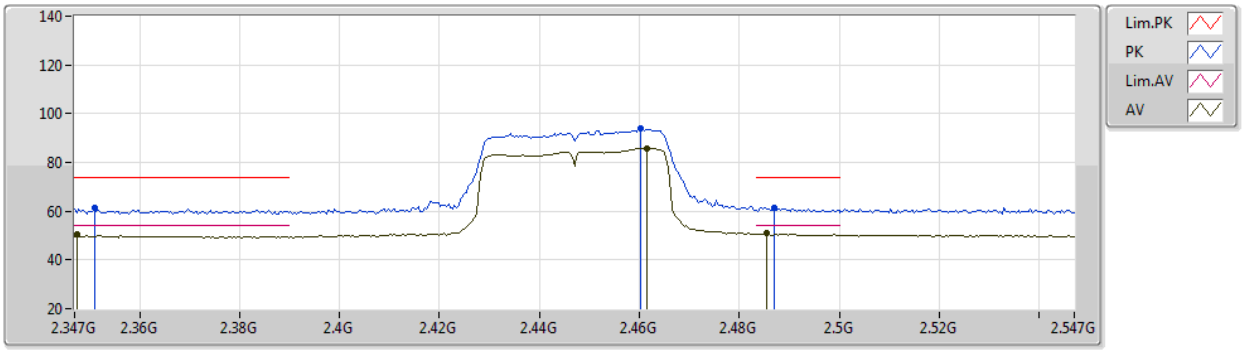


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87976G	35.52	54.00	-18.48	8.86	3	Horizontal	250	150	-	26.66	31.10	7.14	29.38
AV	7.29532G	41.58	54.00	-12.42	14.26	3	Horizontal	196	2.17	-	27.32	36.30	8.30	30.34
PK	4.8768G	46.80	74.00	-27.20	8.86	3	Horizontal	250	150	-	37.94	31.10	7.14	29.38
PK	7.29932G	53.25	74.00	-20.75	14.25	3	Horizontal	196	2.17	-	39.00	36.30	8.30	30.35

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

22/07/2020

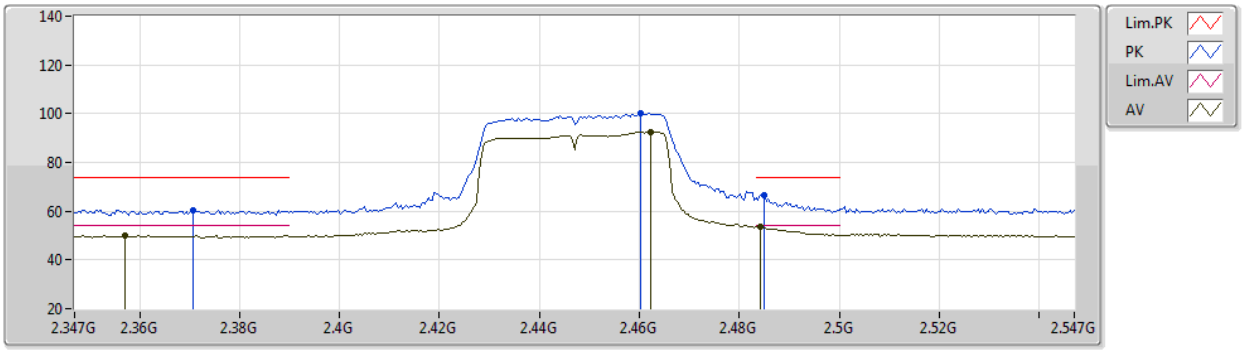


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3474G	50.27	54.00	-3.73	32.93	3	Vertical	241	1.05	-	17.34	27.71	5.22	-
AV	2.4614G	85.84	Inf	-Inf	32.84	3	Vertical	241	1.05	-	53.00	27.48	5.36	-
AV	2.4854G	50.78	54.00	-3.22	32.82	3	Vertical	241	1.05	-	17.96	27.43	5.39	-
PK	2.351G	61.44	74.00	-12.56	32.93	3	Vertical	241	1.05	-	28.51	27.70	5.23	-
PK	2.4602G	94.05	Inf	-Inf	32.84	3	Vertical	241	1.05	-	61.21	27.48	5.36	-
PK	2.487G	61.62	74.00	-12.38	32.82	3	Vertical	241	1.05	-	28.80	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

2447MHz_TX

22/07/2020

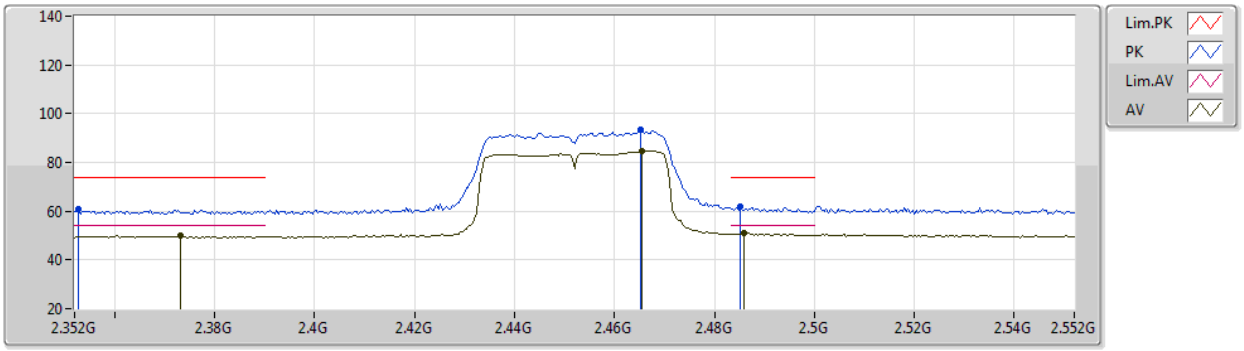


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.357G	49.99	54.00	-4.01	32.93	3	Horizontal	248	1.53	-	17.06	27.69	5.24	-
AV	2.4622G	92.58	Inf	-Inf	32.84	3	Horizontal	248	1.53	-	59.74	27.48	5.36	-
AV	2.4842G	53.72	54.00	-0.28	32.81	3	Horizontal	248	1.53	-	20.91	27.43	5.38	-
PK	2.3706G	60.46	74.00	-13.54	32.92	3	Horizontal	248	1.53	-	27.54	27.66	5.26	-
PK	2.4602G	100.30	Inf	-Inf	32.84	3	Horizontal	248	1.53	-	67.46	27.48	5.36	-
PK	2.485G	66.70	74.00	-7.30	32.81	3	Horizontal	248	1.53	-	33.89	27.43	5.38	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

22/07/2020

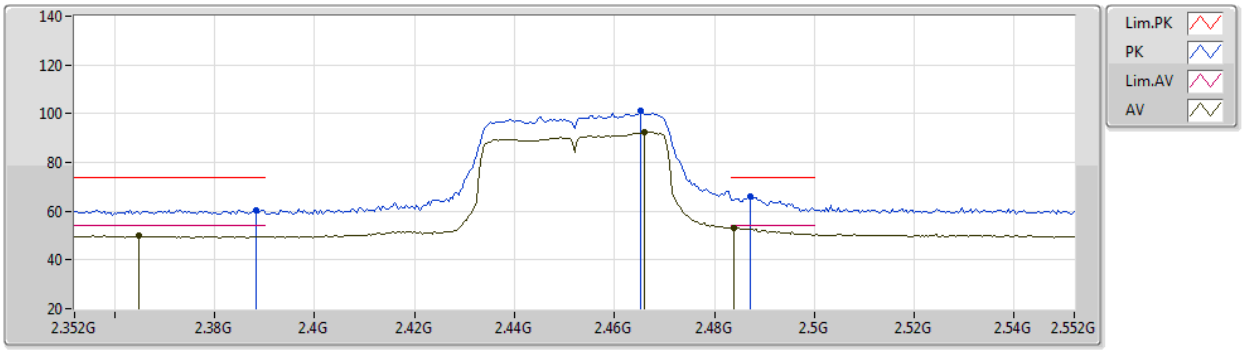


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3732G	49.86	54.00	-4.14	32.91	3	Vertical	241	1.10	-	16.95	27.65	5.26	-
AV	2.4656G	84.68	Inf	-Inf	32.84	3	Vertical	241	1.10	-	51.84	27.47	5.37	-
AV	2.486G	50.78	54.00	-3.22	32.82	3	Vertical	241	1.10	-	17.96	27.43	5.39	-
PK	2.3528G	60.65	74.00	-13.35	32.92	3	Vertical	241	1.10	-	27.73	27.69	5.23	-
PK	2.4652G	93.29	Inf	-Inf	32.84	3	Vertical	241	1.10	-	60.45	27.47	5.37	-
PK	2.4852G	62.09	74.00	-11.91	32.82	3	Vertical	241	1.10	-	29.27	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

22/07/2020

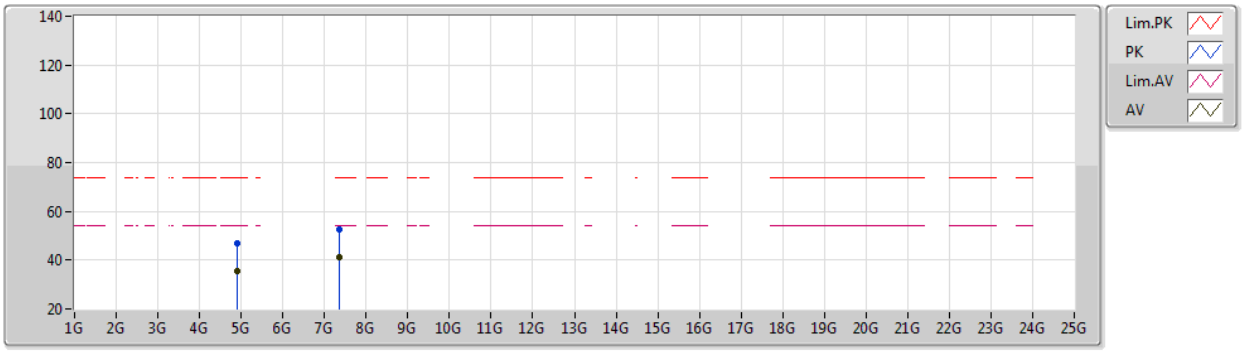


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3648G	49.93	54.00	-4.07	32.92	3	Horizontal	247	1.52	-	17.01	27.67	5.25	-
AV	2.466G	92.41	Inf	-Inf	32.84	3	Horizontal	247	1.52	-	59.57	27.47	5.37	-
AV	2.484G	53.27	54.00	-0.73	32.81	3	Horizontal	247	1.52	-	20.46	27.43	5.38	-
PK	2.3884G	60.60	74.00	-13.40	32.90	3	Horizontal	247	1.52	-	27.70	27.62	5.28	-
PK	2.4652G	101.05	Inf	-Inf	32.84	3	Horizontal	247	1.52	-	68.21	27.47	5.37	-
PK	2.4872G	65.95	74.00	-8.05	32.82	3	Horizontal	247	1.52	-	33.13	27.43	5.39	-

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

22/07/2020

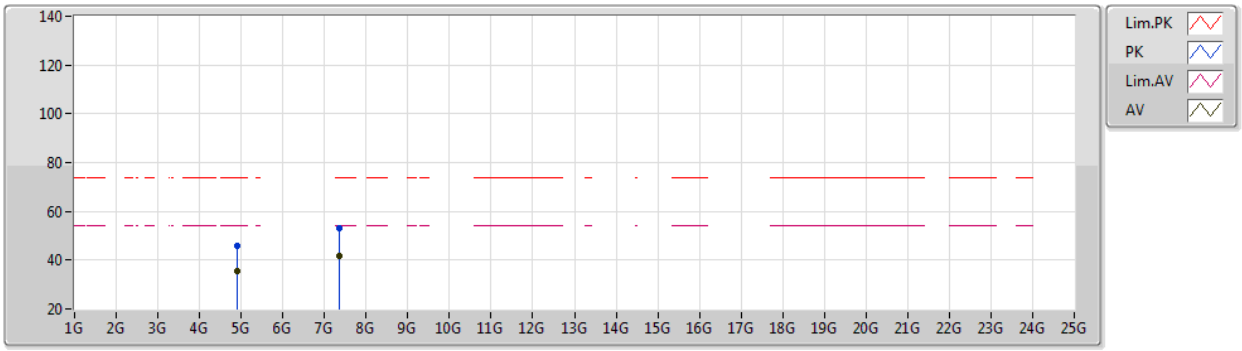


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.89672G	35.58	54.00	-18.42	8.88	3	Vertical	187	1.18	-	26.70	31.10	7.15	29.37
AV	7.35576G	41.44	54.00	-12.56	14.25	3	Vertical	91	1.61	-	27.19	36.35	8.30	30.40
PK	4.90976G	46.83	74.00	-27.17	8.91	3	Vertical	187	1.18	-	37.92	31.12	7.15	29.36
PK	7.35304G	52.64	74.00	-21.36	14.29	3	Vertical	91	1.61	-	38.35	36.38	8.30	30.39

802.11n HT40_Nss1,(MCS0)_2TX

2452MHz_TX

22/07/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91168G	35.39	54.00	-18.61	8.92	3	Horizontal	305	2.43	-	26.47	31.12	7.16	29.36
AV	7.35888G	41.62	54.00	-12.38	14.23	3	Horizontal	296	2.36	-	27.39	36.33	8.30	30.40
PK	4.90216G	45.97	74.00	-28.03	8.88	3	Horizontal	305	2.43	-	37.09	31.10	7.15	29.37
PK	7.35424G	53.14	74.00	-20.86	14.28	3	Horizontal	296	2.36	-	38.86	36.37	8.30	30.39